

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070820\
 Data File : BM026683.D
 Acq On : 07 Jul 2020 18:48
 Operator : JU/CG
 Sample : L2182-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-SOIL-01-QT2-2020

Manual Integrations
 APPROVED

mohammad
 7/9/2020 10:56:32 AM

Quant Time: Jul 08 08:50:22 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM070820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 07 16:22:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.33	152	81220	20.00	ng	0.00
21) Naphthalene-d8	10.09	136	362030	20.00	ng	0.00
39) Acenaphthene-d10	13.99	164	253005	20.00	ng	0.00
64) Phenanthrene-d10	16.75	188	584842	20.00	ng	0.00
76) Chrysene-d12	20.97	240	684918	20.00	ng	0.00
86) Perylene-d12	23.04	264	672673	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	4.97	112	561070	115.78	ng	0.00
7) Phenol-d6	6.54	99	819932	106.20	ng	0.00
23) Nitrobenzene-d5	8.48	82	964998	113.72	ng	0.00
42) 2,4,6-Tribromophenol	15.50	330	451640	122.54	ng	0.00
45) 2-Fluorobiphenyl	12.60	172	2184527	114.80	ng	0.00
79) Terphenyl-d14	19.42	244	4049829	116.37	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.96	88	9838	4.225	ng	97
3) Pyridine	3.37	79	17269m	2.593	ng	
4) n-Nitrosodimethylamine	3.28	42	13585	3.408	ng	# 89
6) Aniline	6.68	93	35304	3.726	ng	92
8) 2-Chlorophenol	6.90	128	21474	3.720	ng	97
9) Benzaldehyde	6.49	77	23123	5.396	ng	95
10) Phenol	6.56	94	27252	3.571	ng	93
11) bis(2-Chloroethyl)ether	6.78	93	22821	3.577	ng	95
12) 1,3-Dichlorobenzene	7.22	146	22866	3.644	ng	95
13) 1,4-Dichlorobenzene	7.36	146	23140	3.623	ng	95
14) 1,2-Dichlorobenzene	7.67	146	23091	3.629	ng	95
15) Benzyl Alcohol	7.59	79	20378	3.085	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.86	45	46451	3.527	ng	97
17) 2-Methylphenol	7.79	107	17164	2.960	ng	97
18) Hexachloroethane	8.38	117	9040	3.564	ng	93
19) n-Nitroso-di-n-propylamine	8.15	70	21325	3.320	ng	100
20) 3+4-Methylphenols	8.12	107	22781	2.857	ng	93
22) Acetophenone	8.16	105	38819	3.773	ng	# 97
24) Nitrobenzene	8.52	77	31973	3.582	ng	99
25) Isophorone	9.05	82	54321	3.338	ng	96
26) 2-Nitrophenol	9.23	139	9876	2.997	ng	99
27) 2,4-Dimethylphenol	9.31	122	18898	3.527	ng	98
28) bis(2-Chloroethoxy)methane	9.54	93	31514	3.506	ng	99
29) 2,4-Dichlorophenol	9.77	162	18427	3.123	ng	97
30) 1,2,4-Trichlorobenzene	9.96	180	23850	3.623	ng	96
31) Naphthalene	10.13	128	71974	3.574	ng	99
32) Benzoic acid	9.42	122	4420m	1.087	ng	
33) 4-Chloroaniline	10.27	127	27350	3.105	ng	99
34) Hexachlorobutadiene	10.42	225	14653	3.361	ng	99
35) Caprolactam	11.05	113	6960	3.330	ng	# 82
36) 4-Chloro-3-methylphenol	11.41	107	23923	3.208	ng	98
37) 2-Methylnaphthalene	11.76	142	53794	3.606	ng	95
38) 1-Methylnaphthalene	11.99	142	51360	3.594	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.14	216	29503	3.607	ng	99

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070820\
 Data File : BM026683.D
 Acq On : 07 Jul 2020 18:48
 Operator : JU/CG
 Sample : L2182-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-SOIL-01-QT2-2020

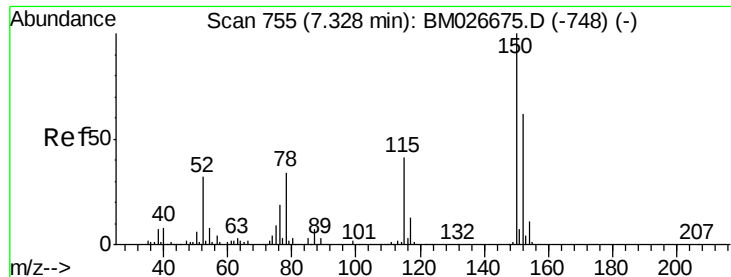
Manual Integrations
 APPROVED

mohammad
 7/9/2020 10:56:32 AM

Quant Time: Jul 08 08:50:22 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM070820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 07 16:22:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.12	237	6802	1.743	ng	95
43) 2,4,6-Trichlorophenol	12.41	196	15570	2.906	ng	97
44) 2,4,5-Trichlorophenol	12.49	196	18293	2.906	ng	94
46) 1,1'-Biphenyl	12.81	154	79490	3.978	ng	99
47) 2-Chloronaphthalene	12.84	162	54238	3.360	ng	97
48) 2-Nitroaniline	13.07	65	17615	2.651	ng	96
49) Acenaphthylene	13.70	152	85746	3.322	ng	98
50) Dimethylphthalate	13.47	163	74562	3.445	ng	100
51) 2,6-Dinitrotoluene	13.59	165	14591	3.149	ng	91
52) Acenaphthene	14.06	154	54439	3.471	ng	98
53) 3-Nitroaniline	13.93	138	12013	2.492	ng	94
54) 2,4-Dinitrophenol	14.16	184	3497m	1.289	ng	
55) Dibenzofuran	14.40	168	90021	3.500	ng	96
56) 4-Nitrophenol	14.27	139	6753	1.785	ng	87
57) 2,4-Dinitrotoluene	14.39	165	18150	2.714	ng	# 74
58) Fluorene	15.05	166	70037	3.289	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.64	232	17107	3.111	ng	98
60) Diethylphthalate	14.85	149	77239	3.375	ng	98
61) 4-Chlorophenyl-phenylether	15.06	204	37487	3.249	ng	95
62) 4-Nitroaniline	15.10	138	10127	2.013	ng	87
63) Azobenzene	15.35	77	80956	3.221	ng	94
65) 4,6-Dinitro-2-methylphenol	15.17	198	7955	2.001	ng	94
66) n-Nitrosodiphenylamine	15.28	169	63023	3.391	ng	95
67) 4-Bromophenyl-phenylether	15.96	248	23306	3.202	ng	98
68) Hexachlorobenzene	16.06	284	26648	3.478	ng	96
69) Atrazine	16.25	200	24798	4.437	ng	98
70) Pentachlorophenol	16.42	266	10221	2.358	ng	96
71) Phenanthrene	16.79	178	120655	3.495	ng	98
72) Anthracene	16.89	178	114197	3.322	ng	99
73) Carbazole	17.17	167	99922	3.049	ng	96
74) Di-n-butylphthalate	17.75	149	128001	3.107	ng	99
75) Fluoranthene	18.82	202	145104	3.412	ng	98
77) Benzidine	19.03	184	53437	3.957	ng	98
78) Pyrene	19.19	202	153055	3.547	ng	99
80) Butylbenzylphthalate	20.13	149	58427	3.018	ng	97
81) Benzo(a)anthracene	20.95	228	162101	3.523	ng	99
82) 3,3'-Dichlorobenzidine	20.90	252	53912	3.692	ng	98
83) Chrysene	21.00	228	155860	3.481	ng	99
84) Bis(2-ethylhexyl)phthalate	20.91	149	94409	3.044	ng	# 99
85) Di-n-octyl phthalate	21.76	149	155417	2.931	ng	96
87) Indeno(1,2,3-cd)pyrene	25.04	276	156832	3.275	ng	99
88) Benzo(b)fluoranthene	22.43	252	153081	3.454	ng	98
89) Benzo(k)fluoranthene	22.47	252	161710	3.720	ng	100
90) Benzo(a)pyrene	22.95	252	139503	3.390	ng	99
91) Dibenzo(a,h)anthracene	25.05	278	131936	3.264	ng	98
92) Benzo(g,h,i)perylene	25.65	276	129148	3.467	ng	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

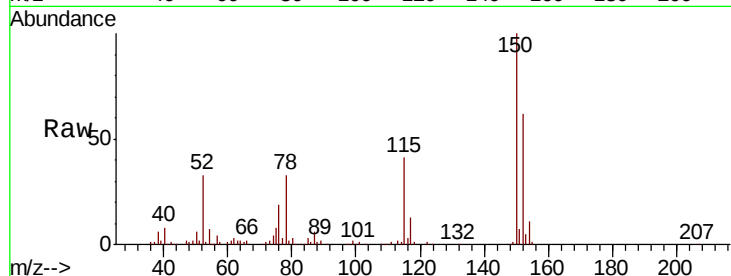
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.33 min Scan# 755
Delta R.T. -0.00 min
Lab File: BM026683.D
Acq: 07 Jul 2020 18:48

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2020

Tot Ion	Ratio	Lower	Upper
152	100		
150	161.8	128.1	192.1
115	65.9	52.2	78.4

Manual Integrations
APPROVED

mohammad
7/9/2020 10:56:32 AM

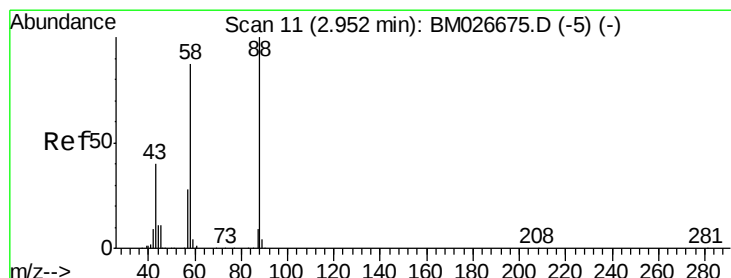
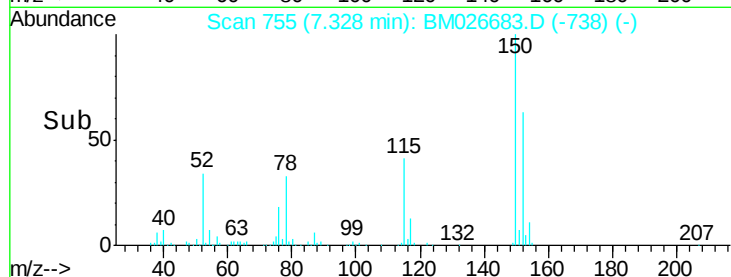
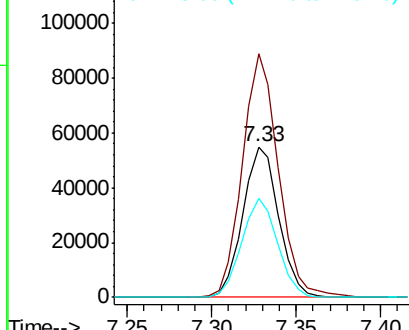


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

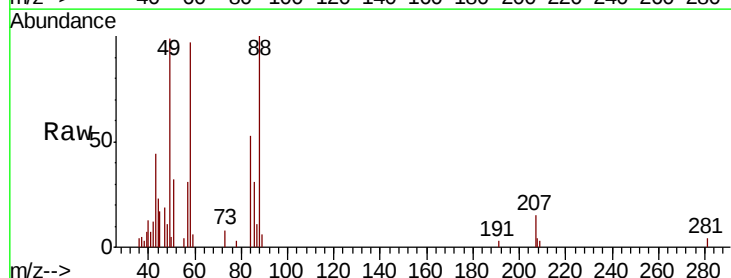
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 4.225 ng
RT: 2.96 min Scan# 12
Delta R.T. 0.01 min
Lab File: BM026683.D
Acq: 07 Jul 2020 18:48

Tgt Ion	Ratio	Lower	Upper
88	100		
58	89.4	73.2	109.8
43	46.4	34.3	51.5

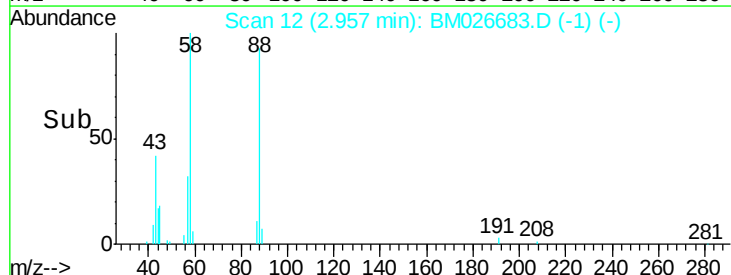
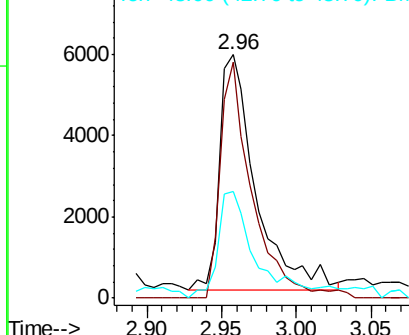


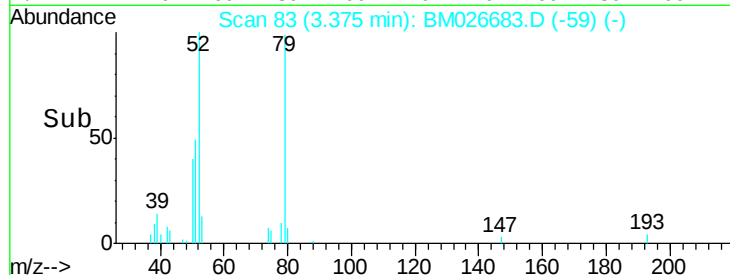
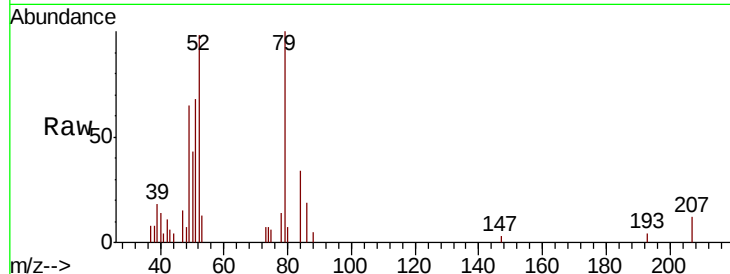
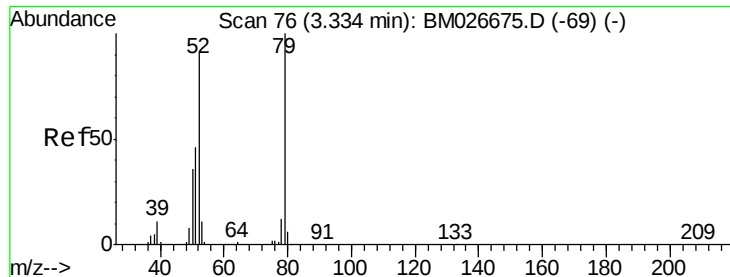
Abundance

Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0





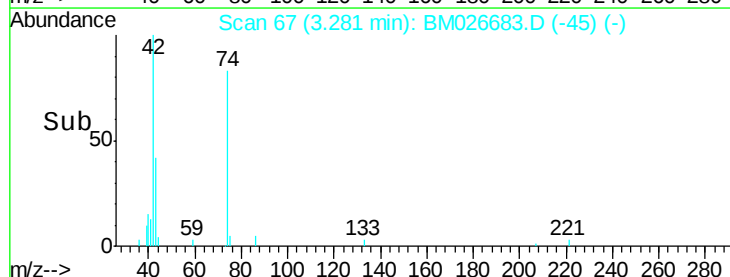
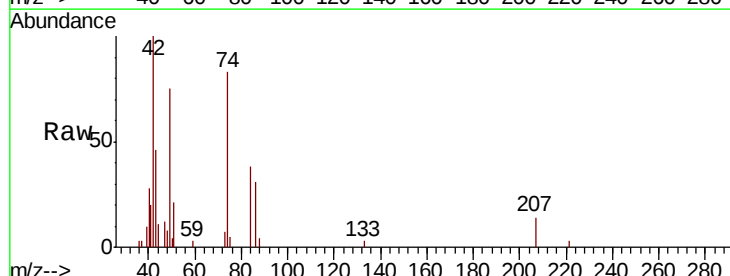
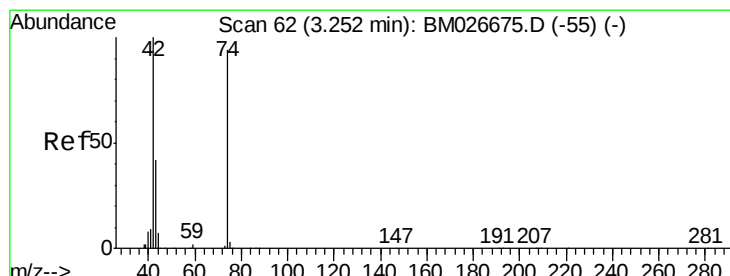
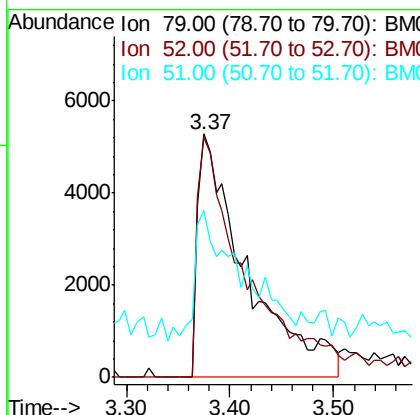
#3
Pvridine
Concen: 2.593 ng m
RT: 3.37 min Scan# 83
Delta R.T. 0.04 min
Lab File: BM026683.D
Acq: 07 Jul 2020 18:48

Tot Ion	Ratio	Lower	Upper
79	100		
52	98.5	72.9	109.3
51	68.4	37.6	56.4#

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2020

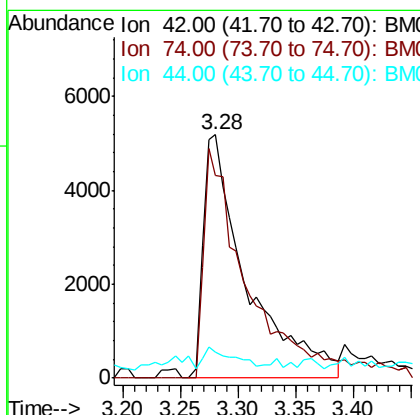
Manual Integrations
APPROVED

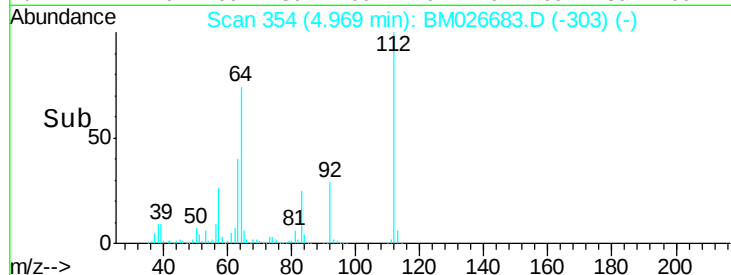
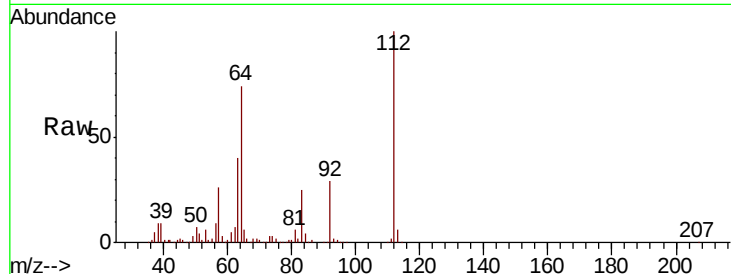
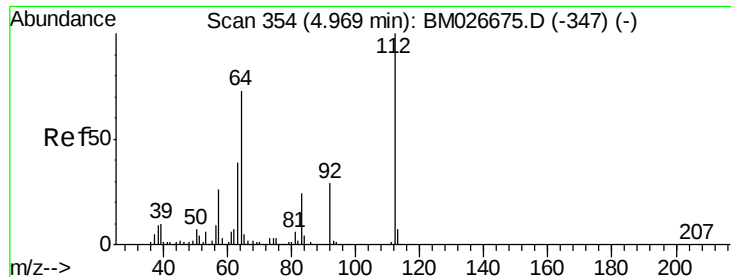
mohammad
7/9/2020 10:56:32 AM



#4
n-Nitrosodimethylamine
Concen: 3.408 ng
RT: 3.28 min Scan# 67
Delta R.T. 0.03 min
Lab File: BM026683.D
Acq: 07 Jul 2020 18:48

Tgt Ion	Ratio	Lower	Upper
42	100		
74	83.2	75.1	112.7
44	10.7	5.7	8.5#





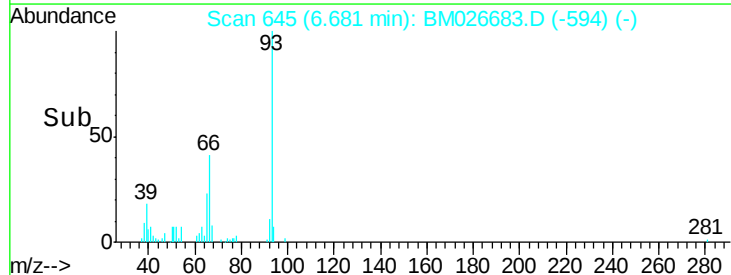
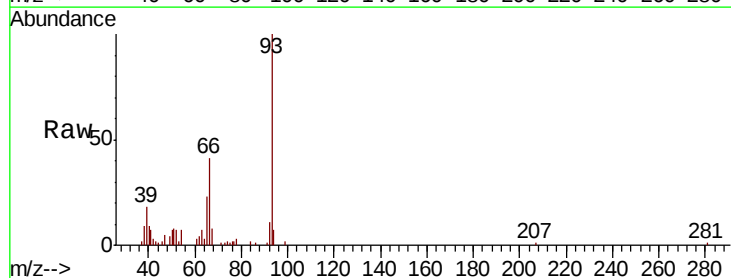
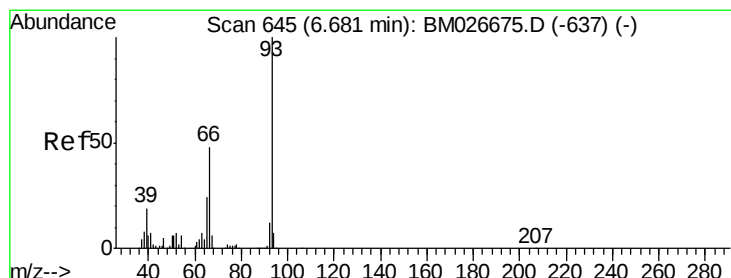
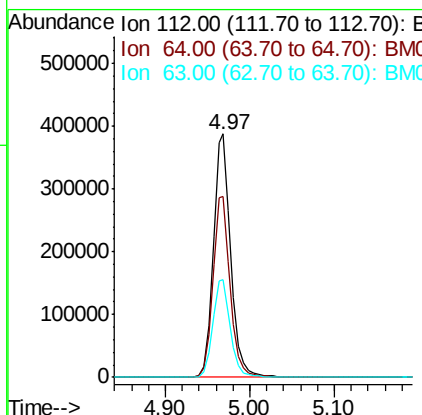
#5
2-Fluorophenol
Concen: 115.785 ng
RT: 4.97 min Scan# 354
Delta R.T. -0.00 min
Lab File: BM026683.D
Acq: 07 Jul 2020 18:48

Tot Ion	Ratio	Resp	Lower	Upper
112	100	561070		
64	74.2		58.4	87.6
63	40.1		31.5	47.3

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2020

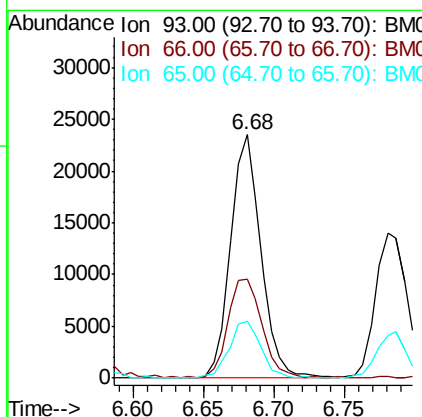
Manual Integrations
APPROVED

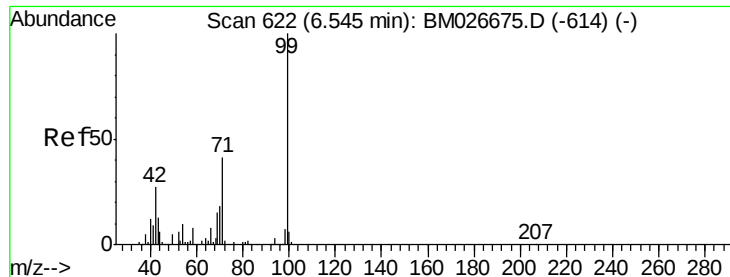
mohammad
7/9/2020 10:56:32 AM



#6
Aniline
Concen: 3.726 ng
RT: 6.68 min Scan# 645
Delta R.T. -0.00 min
Lab File: BM026683.D
Acq: 07 Jul 2020 18:48

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	35304		
66	40.7		38.2	57.4
65	23.3		19.6	29.4





#7

Phenol-d6

Concen: 106.201 ng

RT: 6.54 min Scan# 621

Delta R.T. -0.01 min

Lab File: BM026683.D

Acq: 07 Jul 2020 18:48

Instrument :

BNA_M

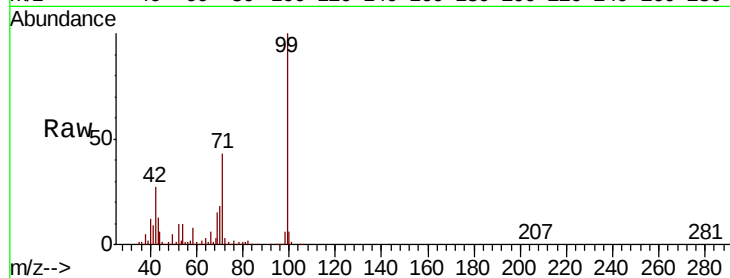
ClientSampleId :

LOD-MDL-SOIL-01-QT2-2020

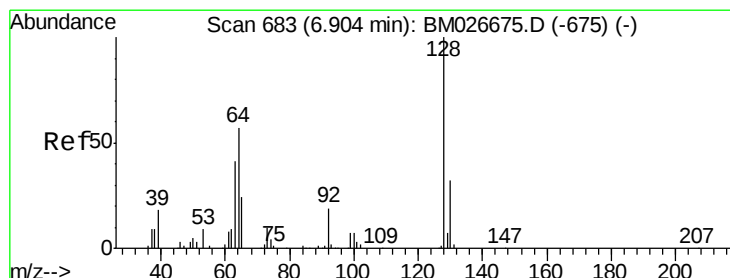
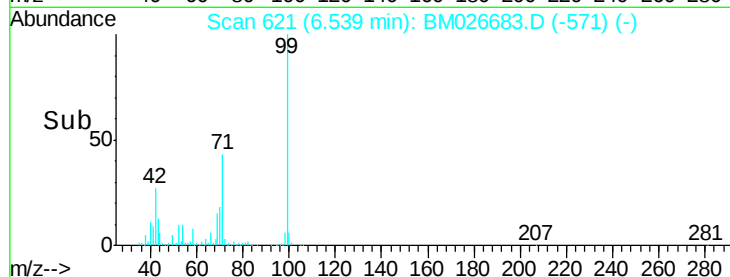
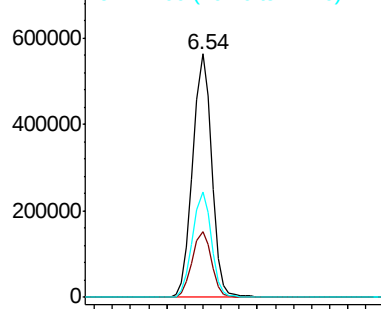
Tot Ion:	99	Resp:	819932
Ion Ratio	Lower	Upper	
99	100		
42	27.2	21.7	32.5
71	43.3	33.2	49.8

Manual Integrations
APPROVED

mohammad
7/9/2020 10:56:32 AM



Abundance Ion 99.00 (98.70 to 99.70): BM026683.D (-571) (-)



#8

2-Chlorophenol

Concen: 3.720 ng

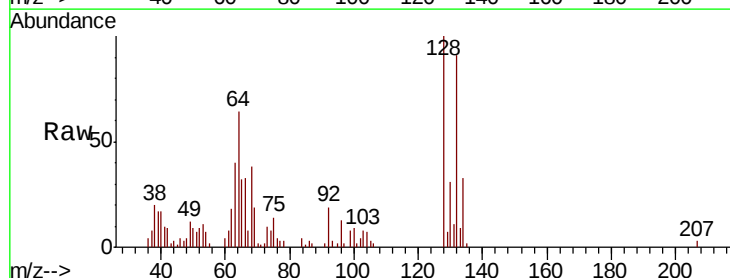
RT: 6.90 min Scan# 682

Delta R.T. -0.01 min

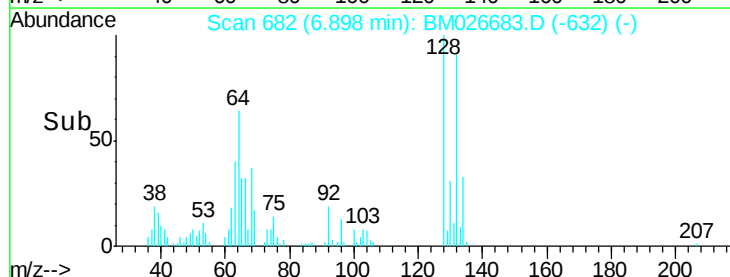
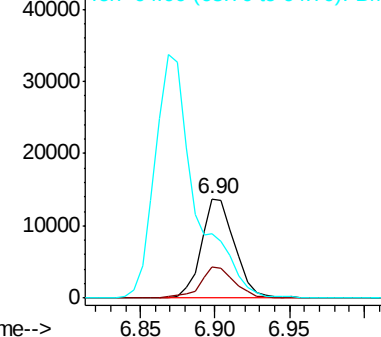
Lab File: BM026683.D

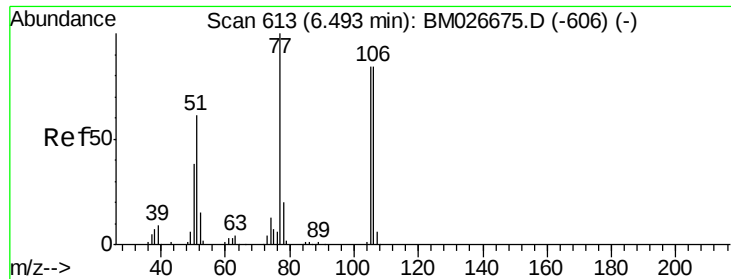
Acq: 07 Jul 2020 18:48

Tgt Ion:	128	Resp:	21474
Ion Ratio	Lower	Upper	
128	100		
130	31.5	12.2	52.2
64	64.4	41.4	81.4



Abundance Ion 128.00 (127.70 to 128.70): BM026683.D (-632) (-)





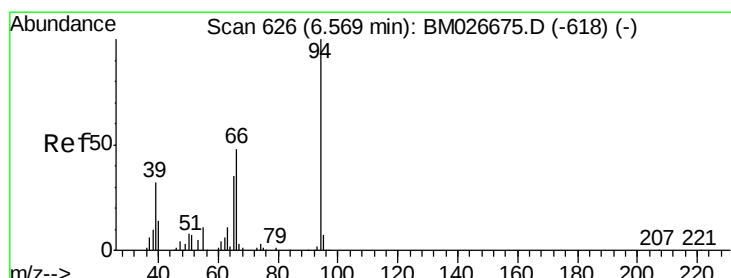
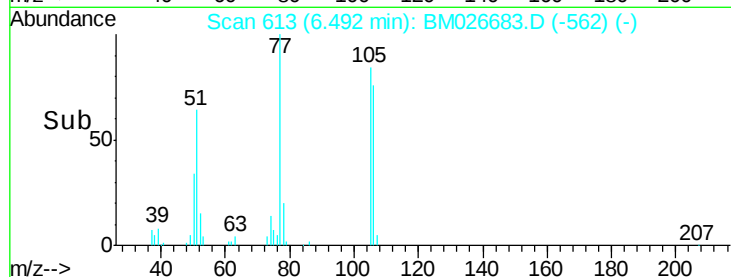
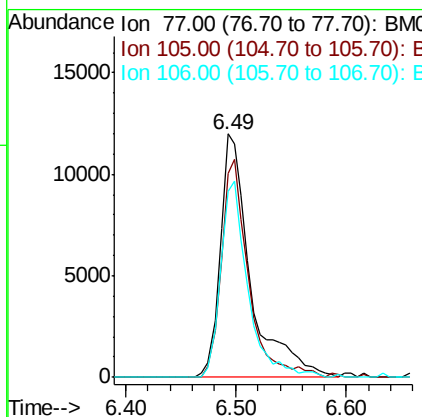
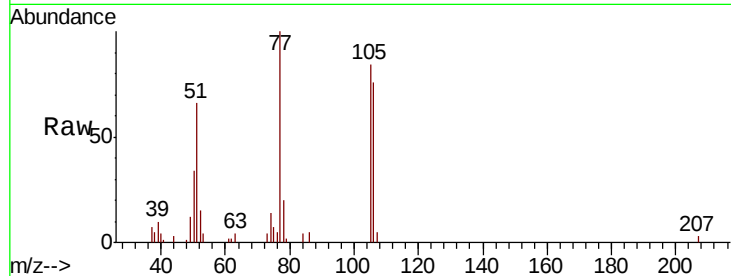
#9
Benzaldehyde
Concen: 5.396 ng
RT: 6.49 min Scan# 613
Delta R.T. -0.00 min
Lab File: BM026683.D
Acq: 07 Jul 2020 18:48

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2020

Tot Ion	Ratio	Lower	Upper
77	100		
105	83.7	64.4	104.4
106	76.4	64.3	104.3

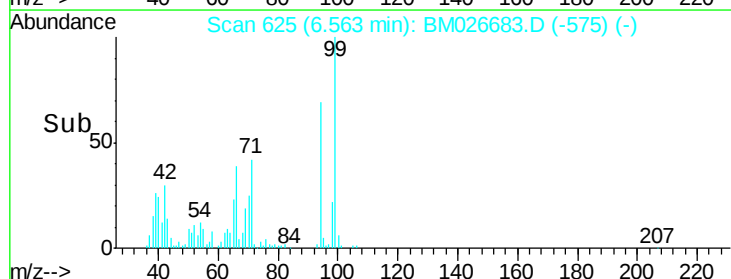
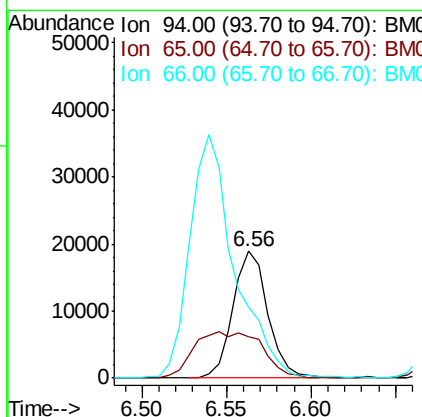
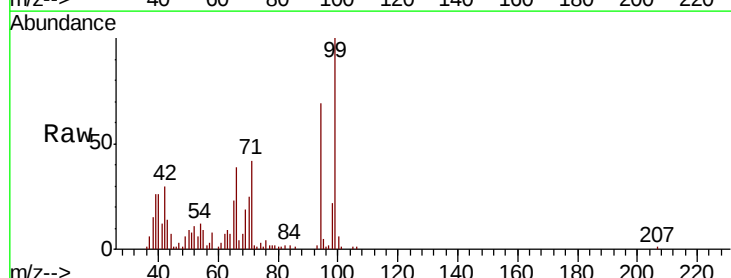
Manual Integrations
APPROVED

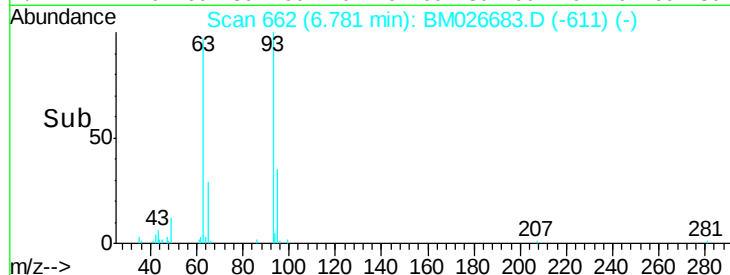
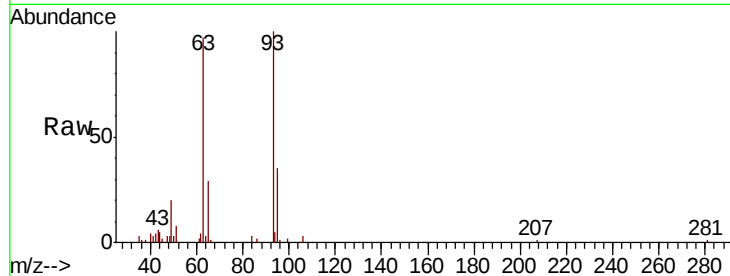
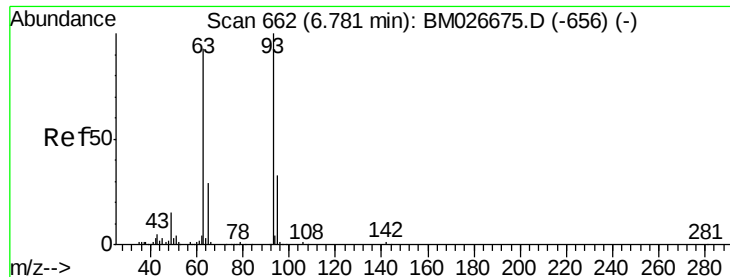
mohammad
7/9/2020 10:56:32 AM



#10
Phenol
Concen: 3.571 ng
RT: 6.56 min Scan# 625
Delta R.T. -0.01 min
Lab File: BM026683.D
Acq: 07 Jul 2020 18:48

Tgt Ion	Ratio	Lower	Upper
94	100		
65	32.6	15.5	55.5
66	55.8	29.8	69.8





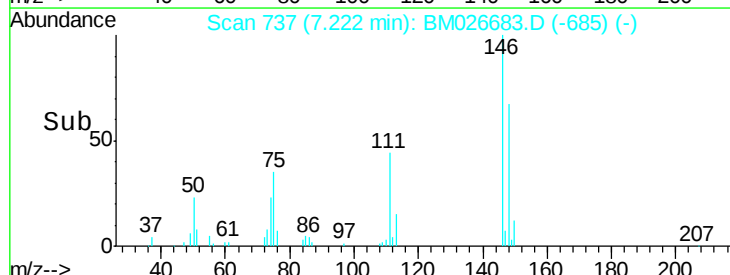
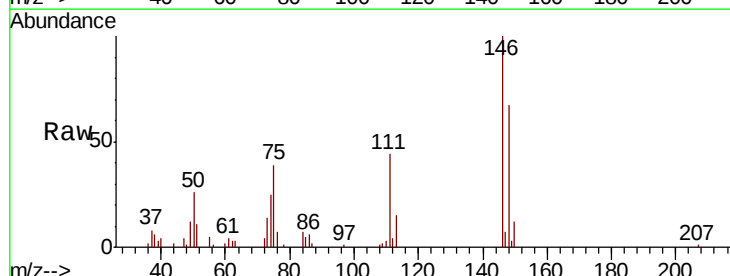
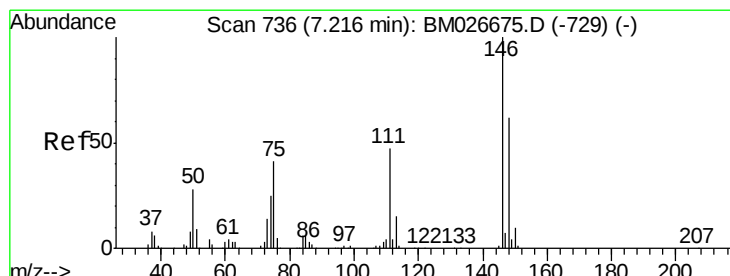
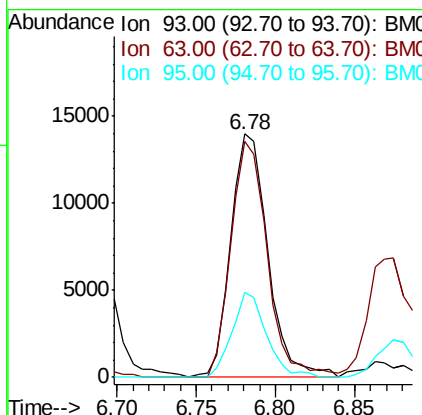
#11
bis(2-Chloroethyl)ether
Concen: 3.577 ng
RT: 6.78 min Scan# 662
Delta R.T. -0.00 min
Lab File: BM026683.D
Acq: 07 Jul 2020 18:48

Tot Ion:	93	Resp:	22821
Ion	Ratio	Lower	Upper
93	100		
63	97.1	72.6	112.6
95	34.8	12.3	52.3

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2020

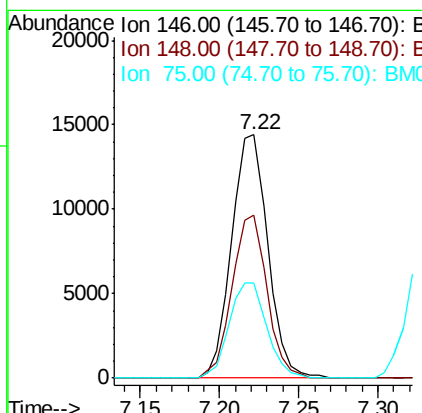
Manual Integrations
APPROVED

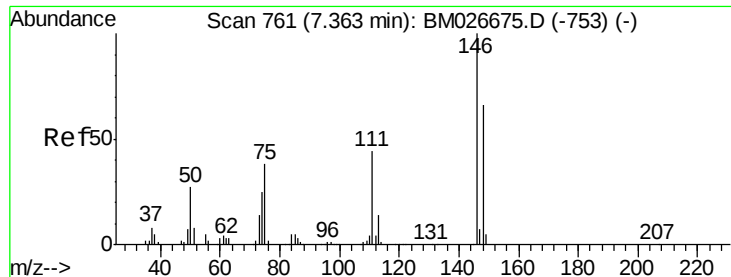
mohammad
7/9/2020 10:56:32 AM



#12
1,3-Dichlorobenzene
Concen: 3.644 ng
RT: 7.22 min Scan# 737
Delta R.T. 0.01 min
Lab File: BM026683.D
Acq: 07 Jul 2020 18:48

Tgt Ion:	146	Resp:	22866
Ion	Ratio	Lower	Upper
146	100		
148	66.9	49.7	74.5
75	39.1	32.7	49.1





#13

1,4-Dichlorobenzene

Concen: 3.623 ng

RT: 7.36 min Scan# 761

Delta R.T. -0.00 min

Lab File: BM026683.D

Acq: 07 Jul 2020 18:48

Instrument :

BNA_M

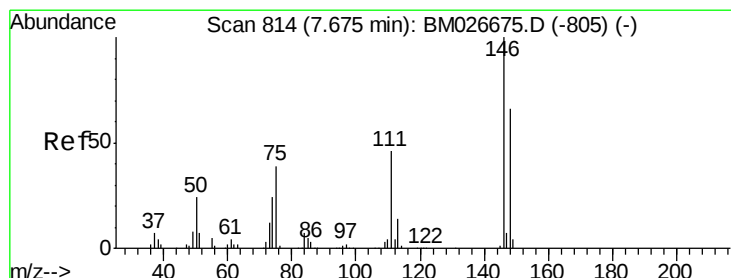
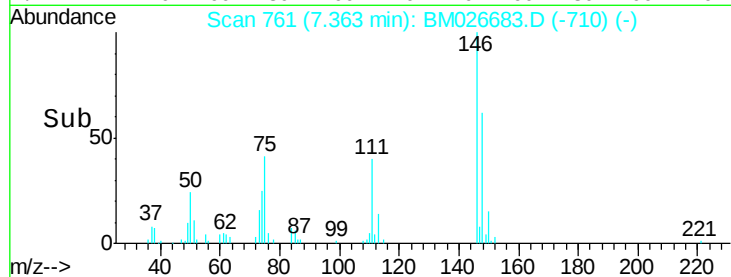
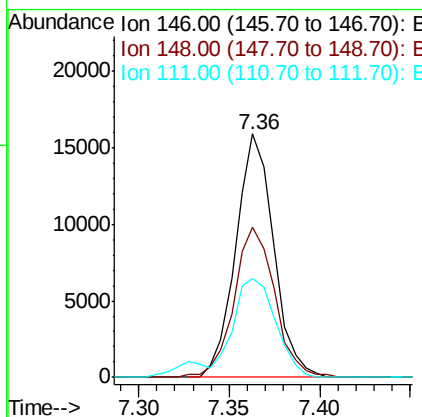
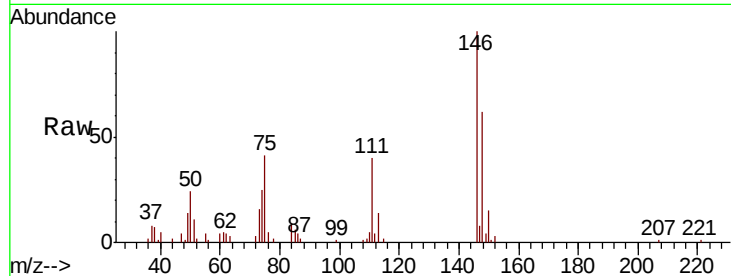
ClientSampleId :

LOD-MDL-SOIL-01-QT2-2020

Tot Ion:	146	Resp:	23140
Ion Ratio	Lower	Upper	
146	100		
148	61.8	52.4	78.6
111	40.4	35.6	53.4

Manual Integrations
APPROVED

mohammad
7/9/2020 10:56:32 AM



#14

1,2-Dichlorobenzene

Concen: 3.629 ng

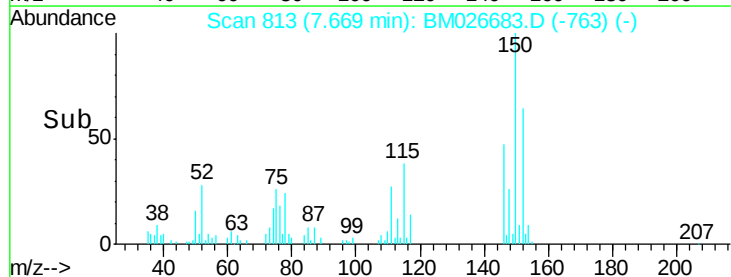
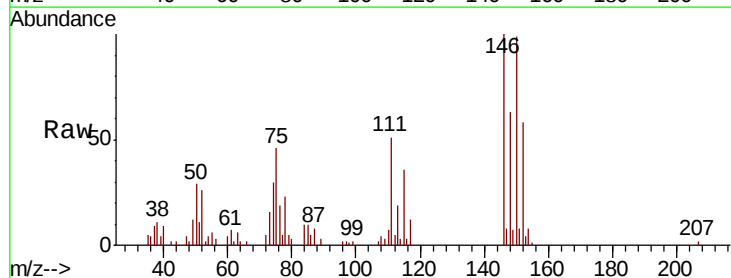
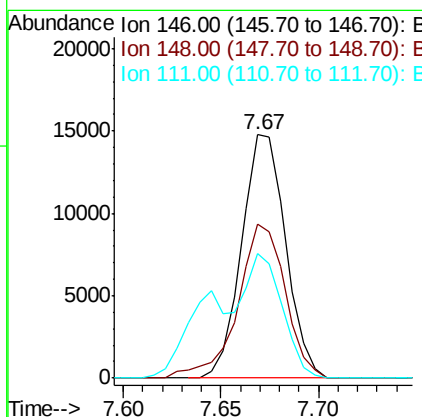
RT: 7.67 min Scan# 813

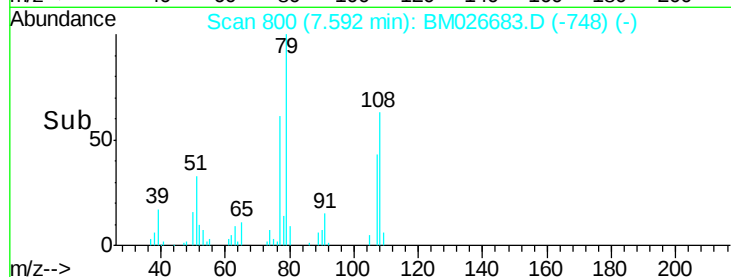
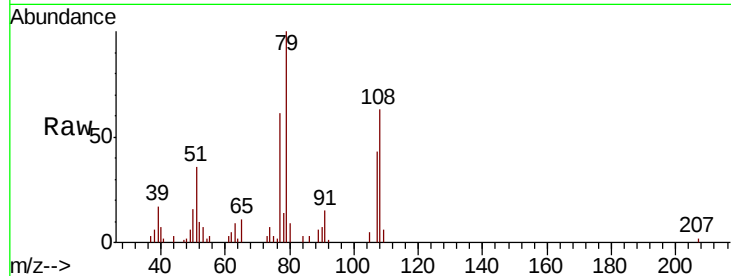
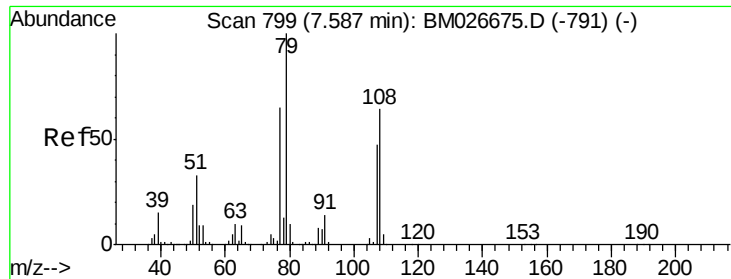
Delta R.T. -0.01 min

Lab File: BM026683.D

Acq: 07 Jul 2020 18:48

Tgt Ion:	146	Resp:	23091
Ion Ratio	Lower	Upper	
146	100		
148	63.0	52.6	78.8
111	51.1	37.2	55.8





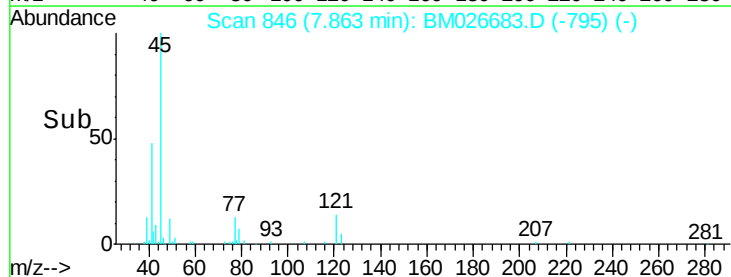
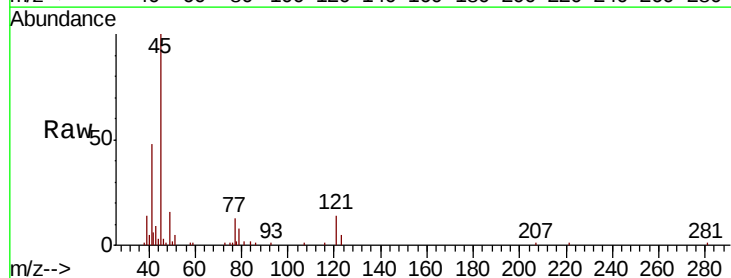
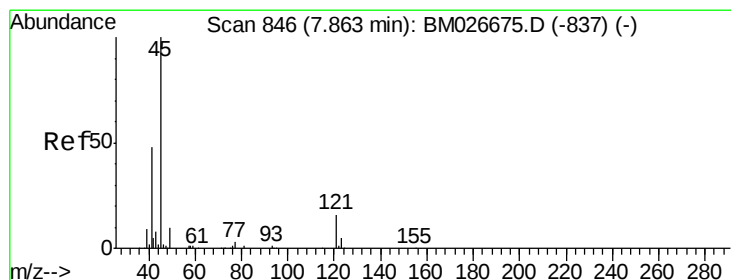
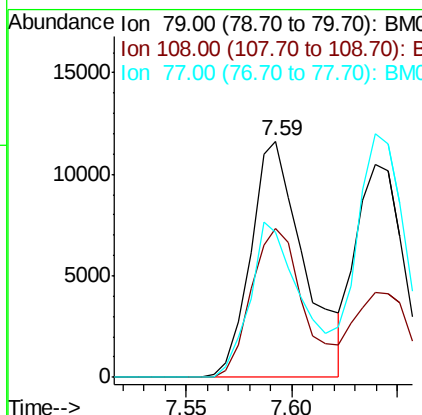
#15
Benzyl Alcohol
Concen: 3.085 ng
RT: 7.59 min Scan# 800
Delta R.T. 0.01 min
Lab File: BM026683.D
Acq: 07 Jul 2020 18:48

Tot Ion	Ratio	Lower	Upper
79	100		
108	62.9	51.0	76.4
77	61.4	52.1	78.1

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2020

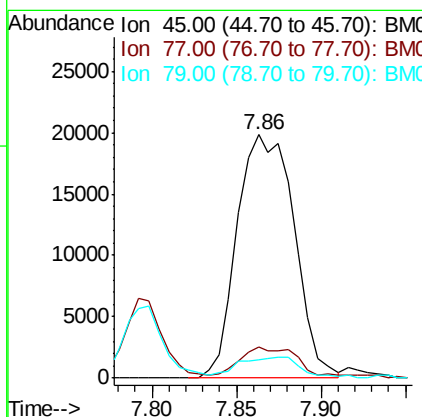
Manual Integrations
APPROVED

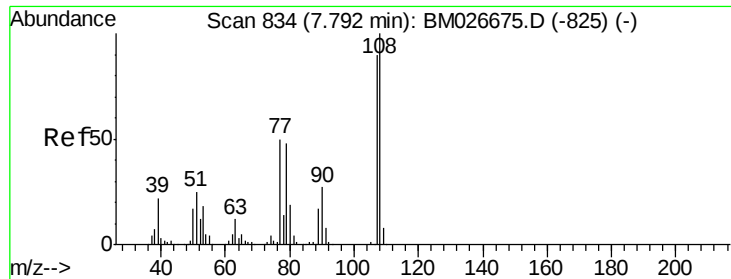
mohammad
7/9/2020 10:56:32 AM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 3.527 ng
RT: 7.86 min Scan# 846
Delta R.T. -0.00 min
Lab File: BM026683.D
Acq: 07 Jul 2020 18:48

Tgt Ion	Ratio	Lower	Upper
45	100		
77	12.8	0.0	31.4
79	7.6	0.0	28.4





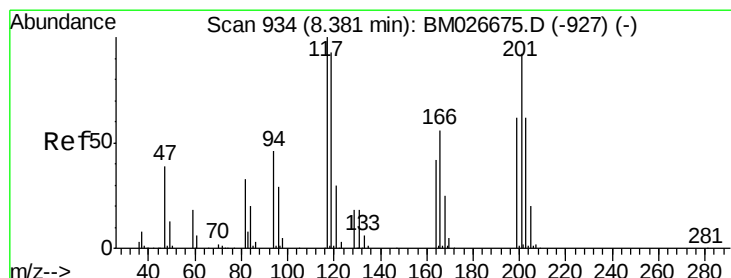
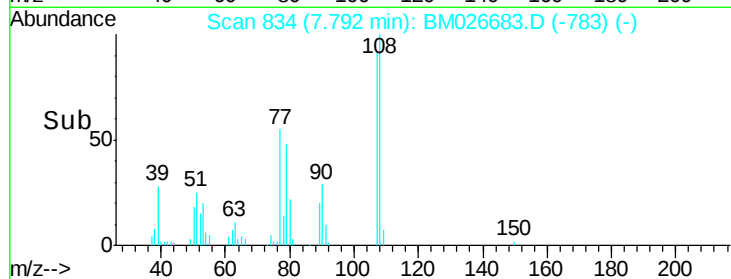
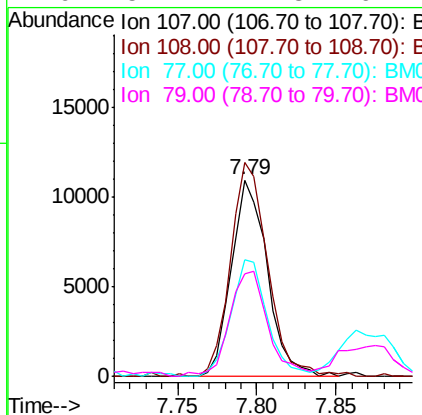
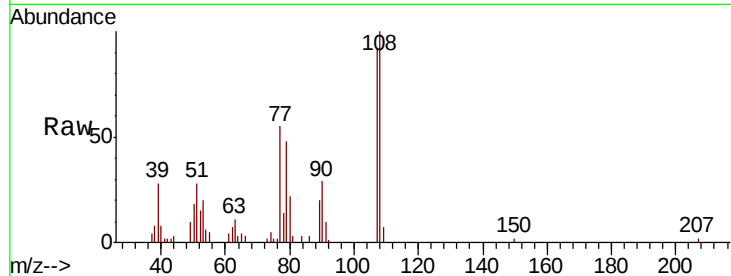
#17
2-Methylphenol
Concen: 2.960 ng
RT: 7.79 min Scan# 834
Delta R.T. -0.00 min
Lab File: BM026683.D
Acq: 07 Jul 2020 18:48

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2020

Tot Ion	107	Resp	17164
Ion Ratio	Lower	Upper	
107	100		
108	108.8	89.4	134.0
77	59.7	45.2	67.8
79	52.1	42.8	64.2

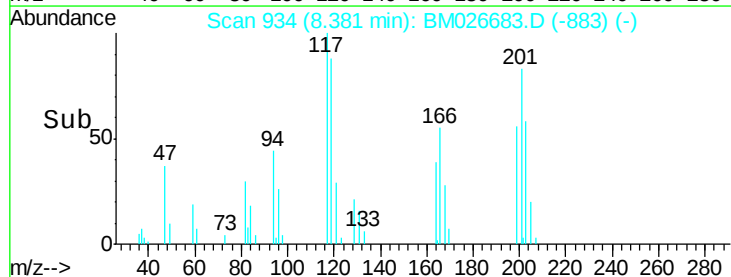
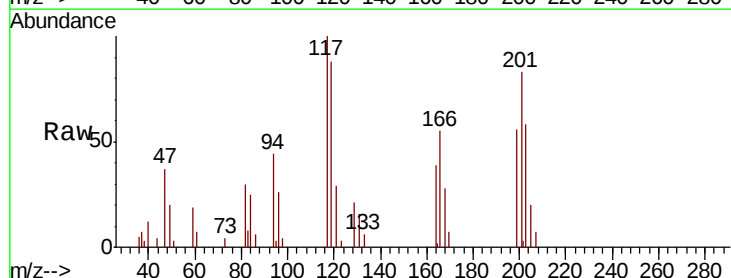
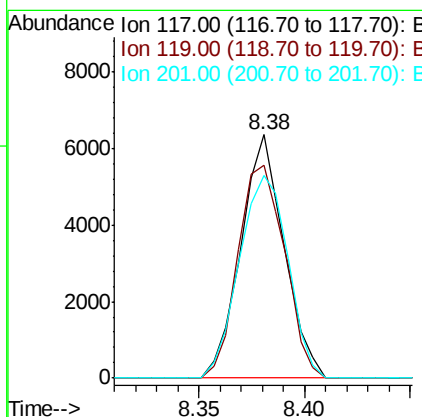
Manual Integrations
APPROVED

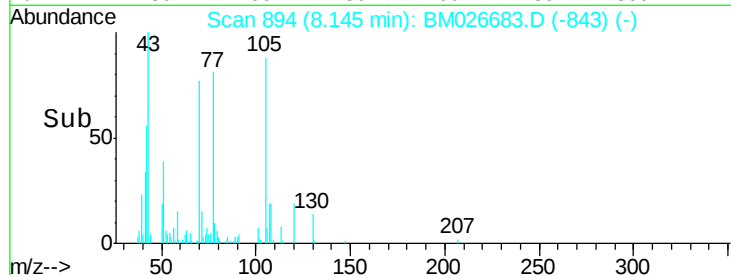
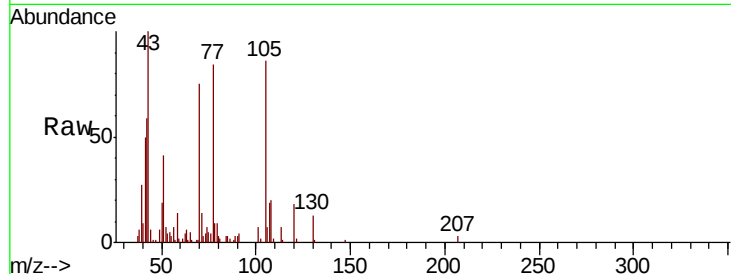
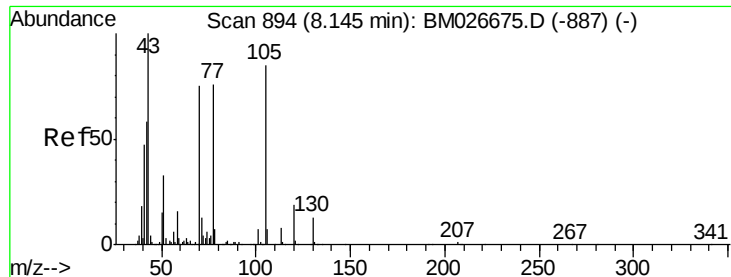
mohammad
7/9/2020 10:56:32 AM



#18
Hexachloroethane
Concen: 3.564 ng
RT: 8.38 min Scan# 934
Delta R.T. -0.00 min
Lab File: BM026683.D
Acq: 07 Jul 2020 18:48

Tgt Ion	117	Resp	9040
Ion Ratio	Lower	Upper	
117	100		
119	87.6	74.2	111.2
201	83.4	73.6	110.4





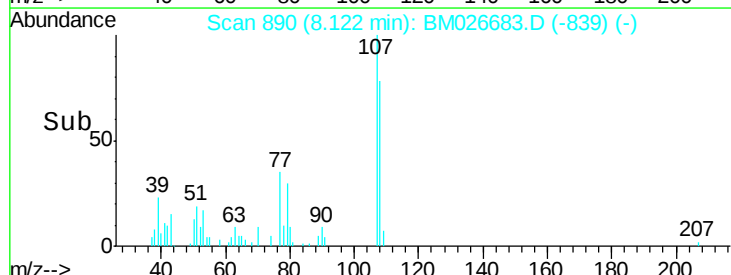
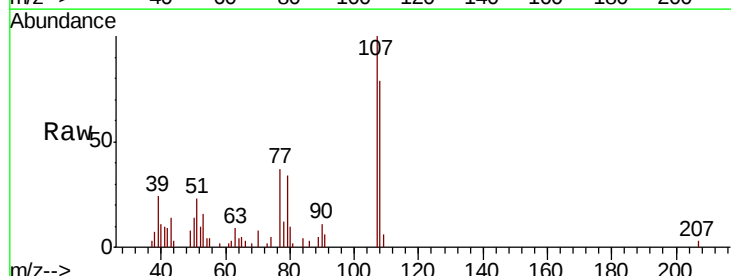
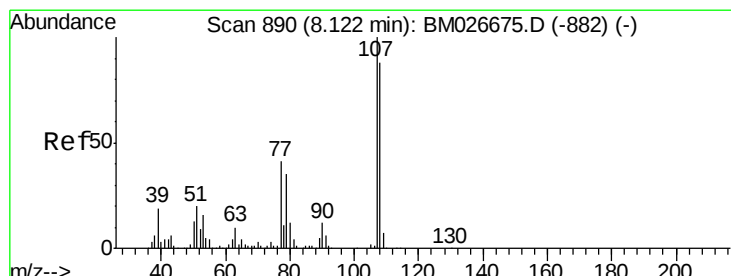
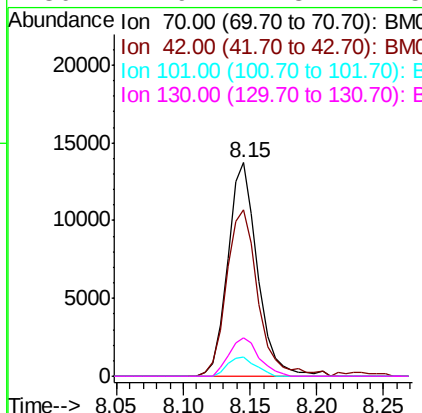
#19
n-Nitroso-di-n-propylamine
Concen: 3.320 ng
RT: 8.15 min Scan# 894
Delta R.T. -0.00 min
Lab File: BM026683.D
Acq: 07 Jul 2020 18:48

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2020

Tot Ion	Ratio	Lower	Upper
70	100		
42	77.8	62.3	93.5
101	8.7	7.1	10.7
130	17.9	14.3	21.5

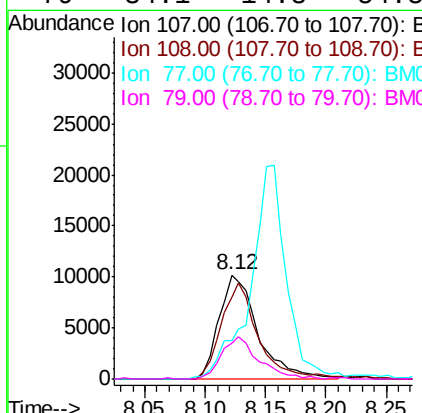
Manual Integrations
APPROVED

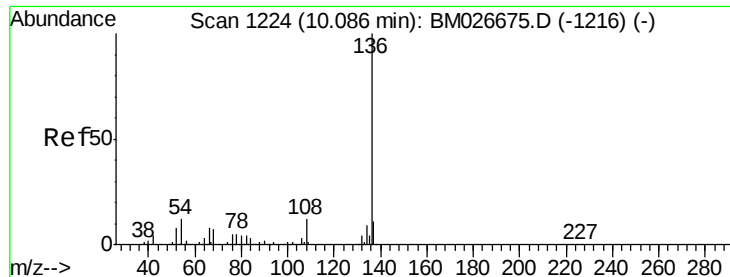
mohammad
7/9/2020 10:56:32 AM



#20
3+4-Methylphenols
Concen: 2.857 ng
RT: 8.12 min Scan# 890
Delta R.T. -0.00 min
Lab File: BM026683.D
Acq: 07 Jul 2020 18:48

Tgt Ion	Ratio	Lower	Upper
107	100		
108	79.2	68.5	108.5
77	37.0	20.8	60.8
79	34.1	14.8	54.8





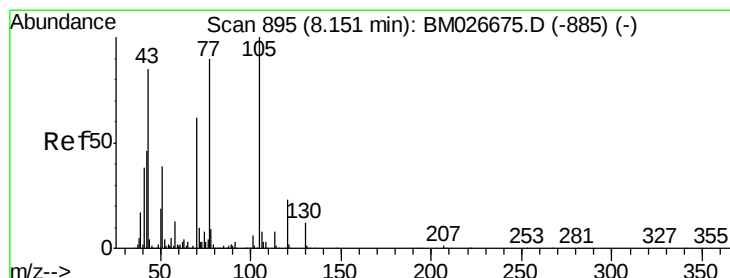
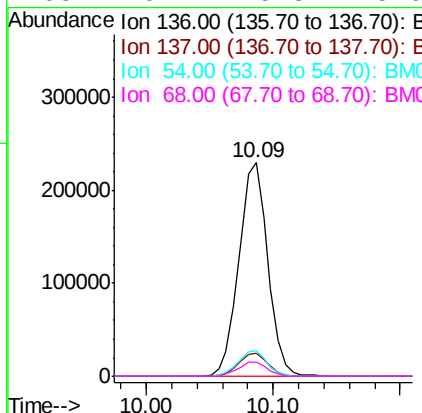
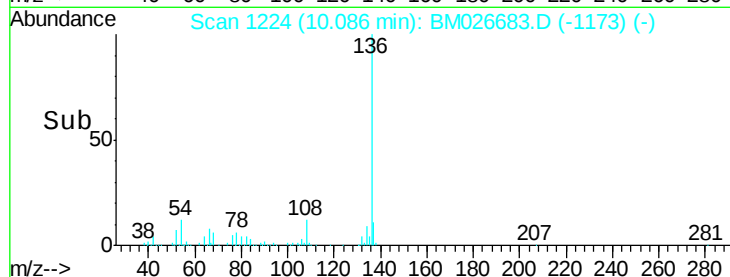
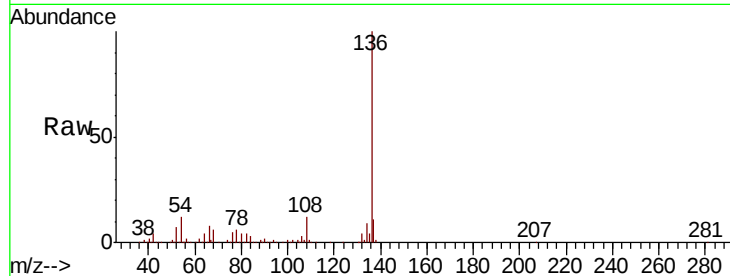
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.09 min Scan# 1224
Delta R.T. -0.00 min
Lab File: BM026683.D
Acq: 07 Jul 2020 18:48

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2020

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.7	8.6	12.8	
54	12.0	9.8	14.6	
68	6.4	5.8	8.6	

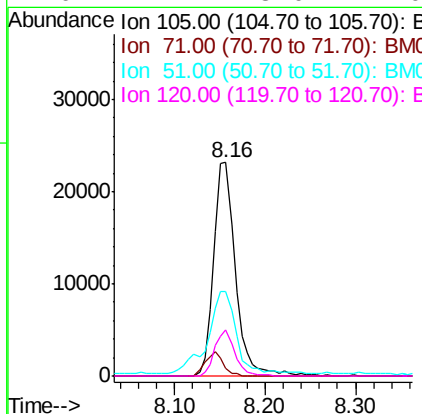
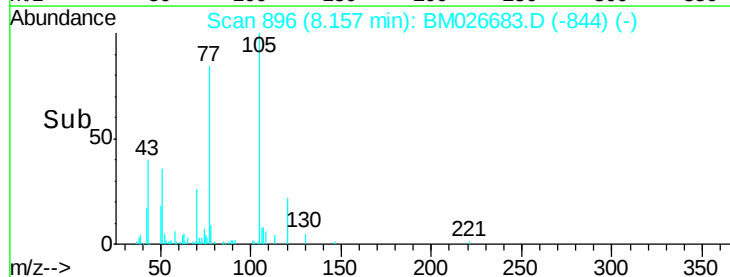
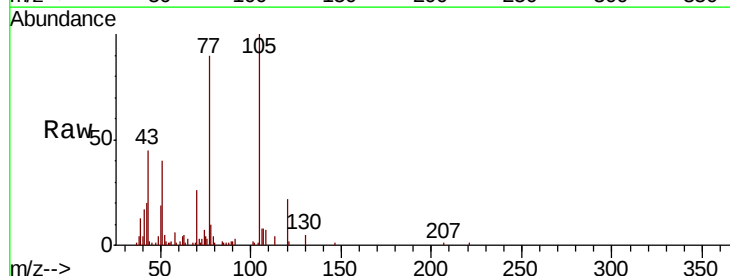
Manual Integrations
APPROVED

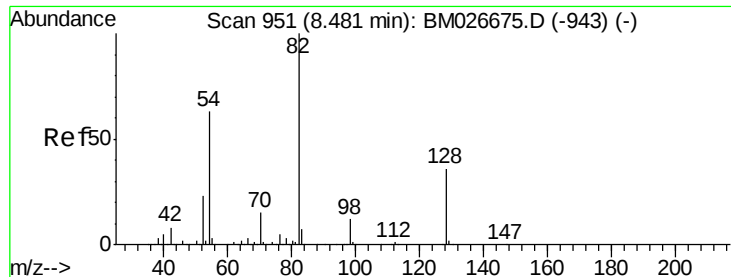
mohammad
7/9/2020 10:56:32 AM



#22
Acetophenone
Concen: 3.773 ng
RT: 8.16 min Scan# 896
Delta R.T. 0.01 min
Lab File: BM026683.D
Acq: 07 Jul 2020 18:48

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	3.3	8.1	12.1#	
51	39.8	31.9	47.9	
120	21.7	18.0	27.0	





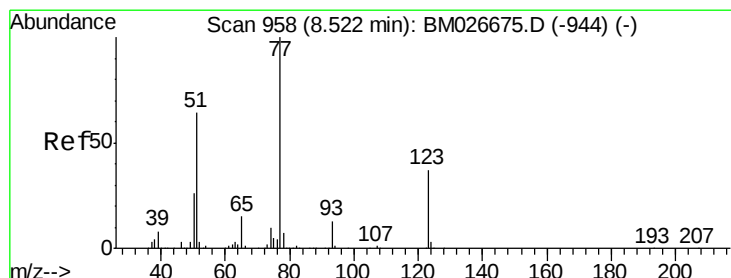
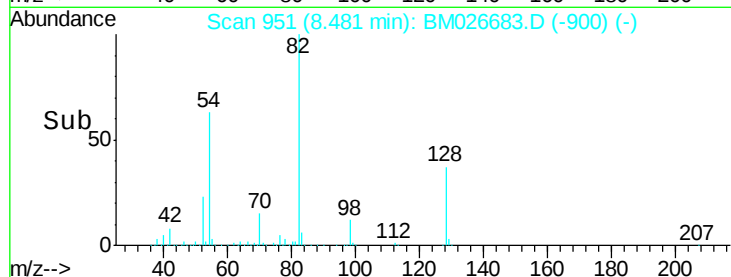
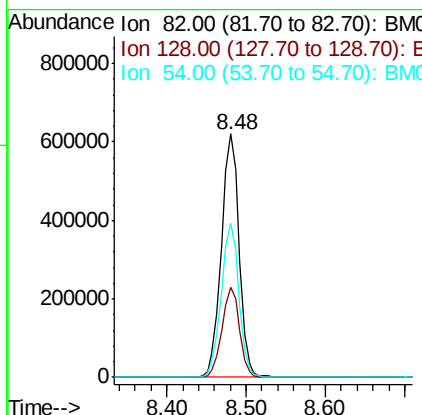
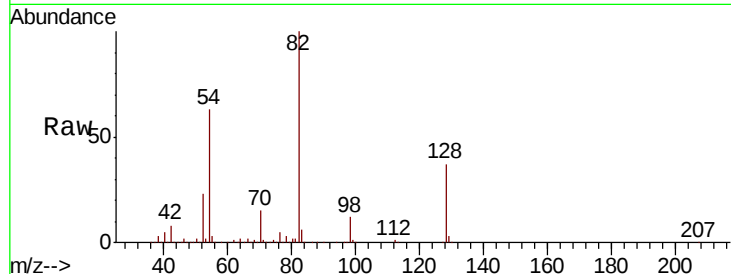
#23
 Nitrobenzene-d5
 Concen: 113.719 ng
 RT: 8.48 min Scan# 951
 Delta R.T. -0.00 min
 Lab File: BM026683.D
 Acq: 07 Jul 2020 18:48

Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-SOIL-01-QT2-2020

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	37.1	29.1	43.7	
54	63.2	50.2	75.4	

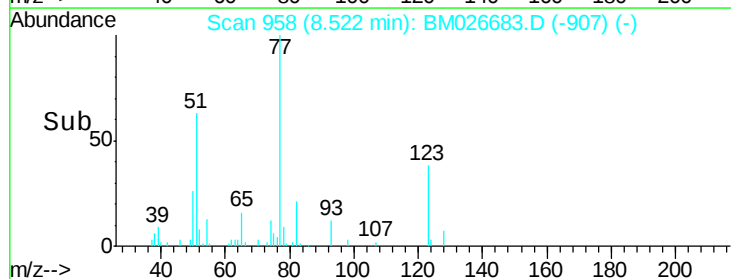
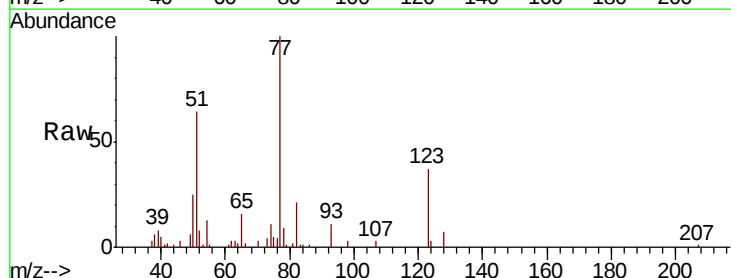
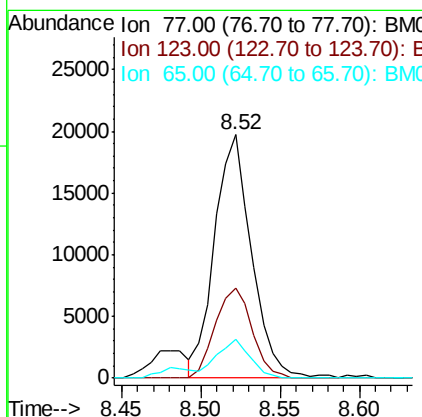
Manual Integrations
 APPROVED

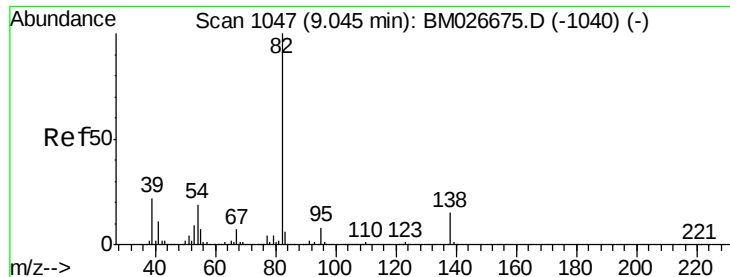
mohammad
 7/9/2020 10:56:32 AM



#24
 Nitrobenzene
 Concen: 3.582 ng
 RT: 8.52 min Scan# 958
 Delta R.T. -0.00 min
 Lab File: BM026683.D
 Acq: 07 Jul 2020 18:48

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	36.9	29.8	44.6	
65	15.9	12.2	18.4	





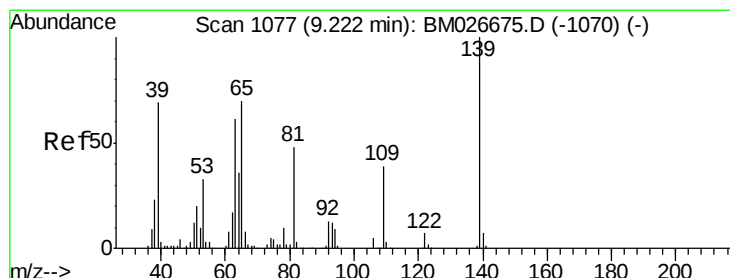
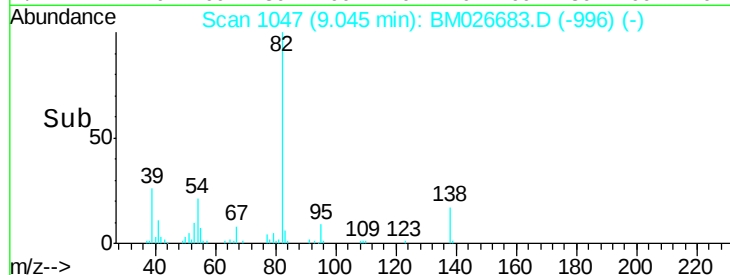
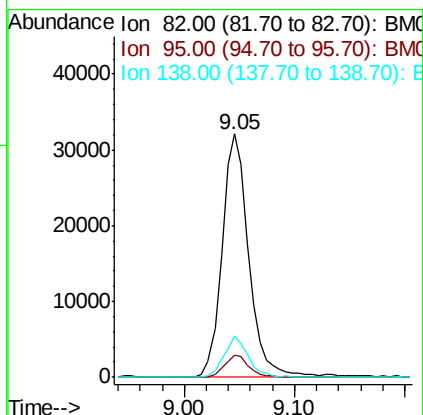
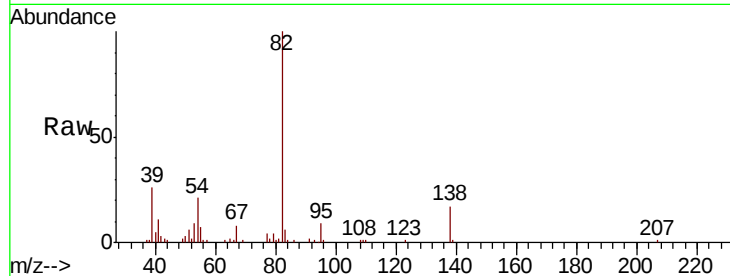
#25
Isophorone
Concen: 3.338 ng
RT: 9.05 min Scan# 1047
Delta R.T. -0.00 min
Lab File: BM026683.D
Acq: 07 Jul 2020 18:48

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2020

Tot Ion	82	Resp	54321
Ion Ratio	100	Lower	Upper
82	100		
95	8.9	6.3	9.5
138	17.1	12.0	18.0

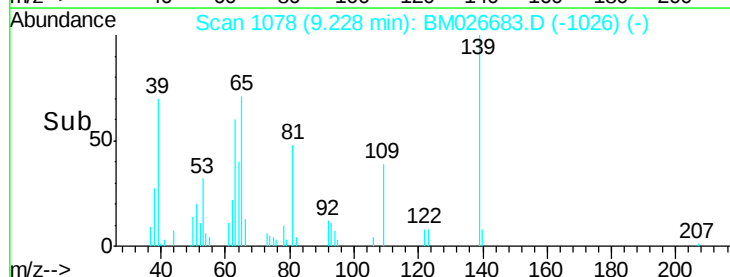
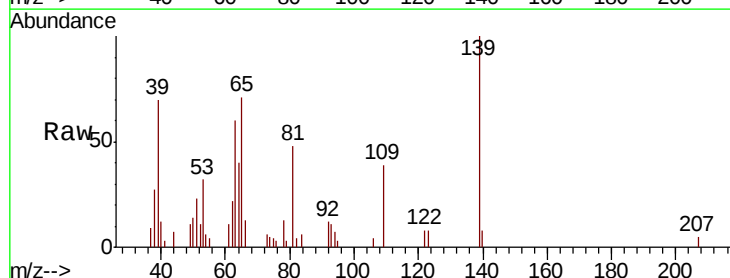
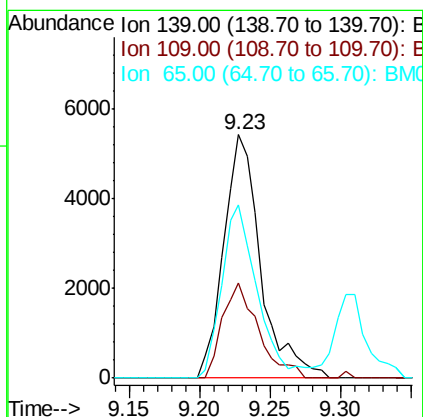
Manual Integrations
APPROVED

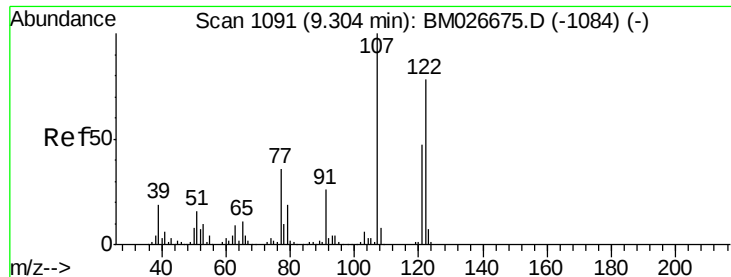
mohammad
7/9/2020 10:56:32 AM



#26
2-Nitrophenol
Concen: 2.997 ng
RT: 9.23 min Scan# 1078
Delta R.T. 0.01 min
Lab File: BM026683.D
Acq: 07 Jul 2020 18:48

Tgt Ion	139	Resp	9876
Ion Ratio	100	Lower	Upper
139	100		
109	39.2	30.8	46.2
65	70.9	56.2	84.4





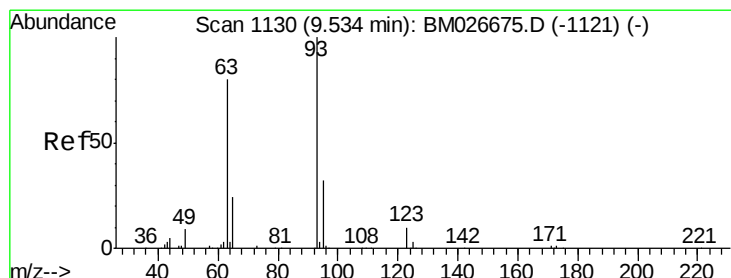
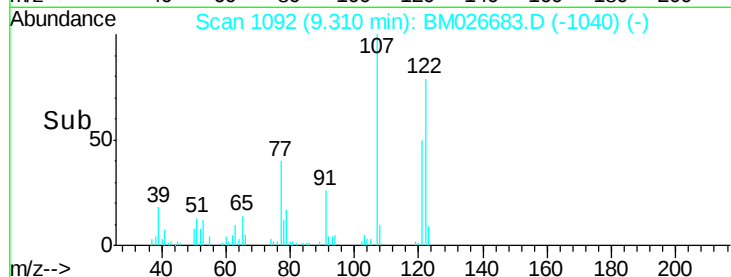
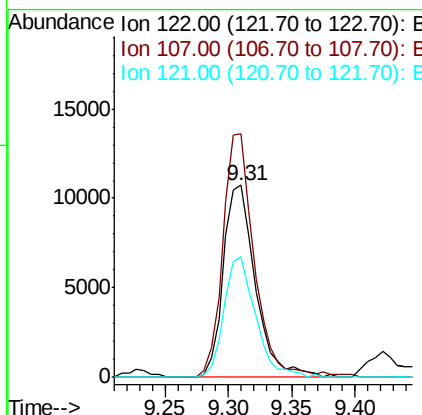
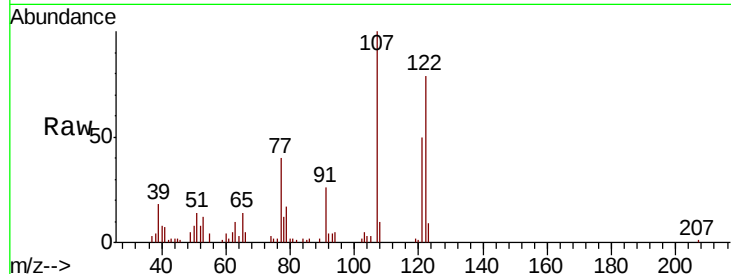
#27
2,4-Dimethylphenol
Concen: 3.527 ng
RT: 9.31 min Scan# 1092
Delta R.T. 0.01 min
Lab File: BM026683.D
Acq: 07 Jul 2020 18:48

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2020

Tot Ion	Ion	Ratio	Resp	Lower	Upper
122	100		18898		
107	126.9	102.1	153.1		
121	63.2	48.2	72.2		

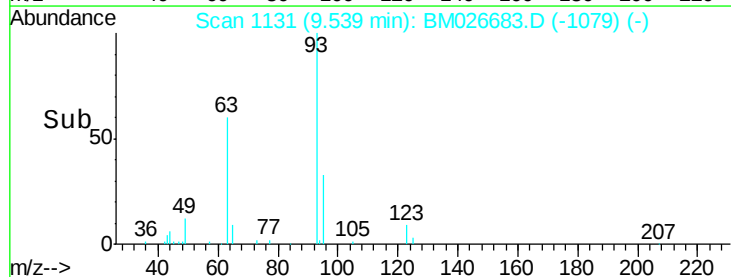
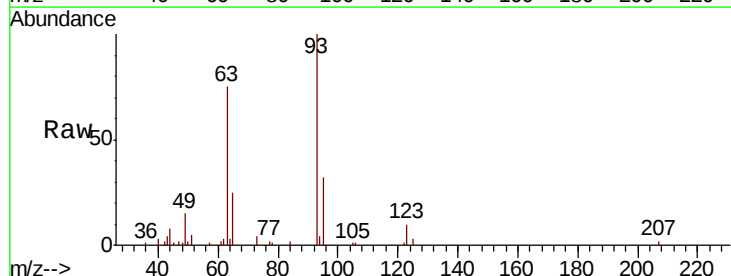
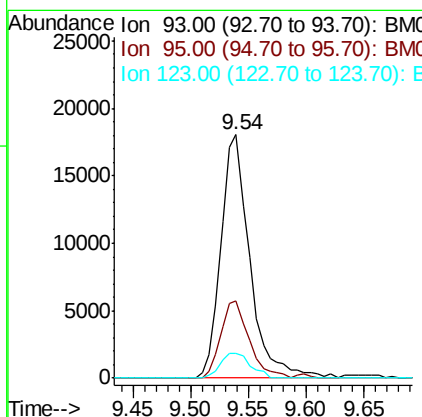
Manual Integrations
APPROVED

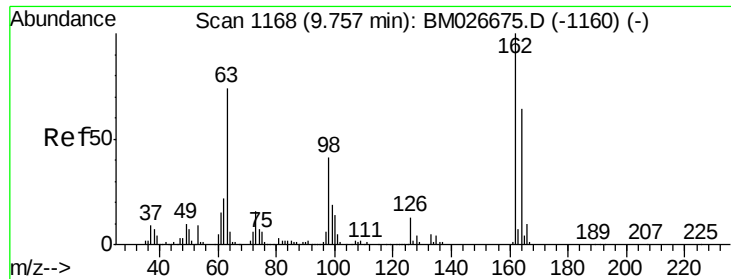
mohammad
7/9/2020 10:56:32 AM



#28
bis(2-Chloroethoxy)methane
Concen: 3.506 ng
RT: 9.54 min Scan# 1131
Delta R.T. 0.01 min
Lab File: BM026683.D
Acq: 07 Jul 2020 18:48

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		31514		
95	31.7	25.7	38.5		
123	9.9	8.7	13.1		





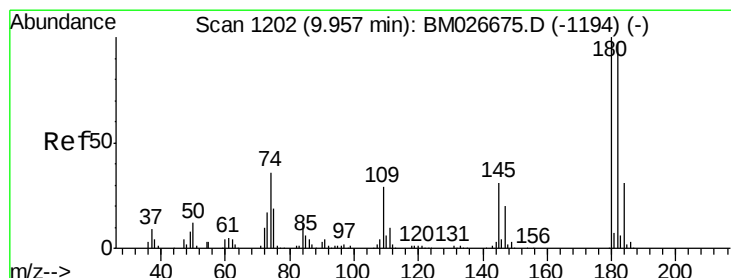
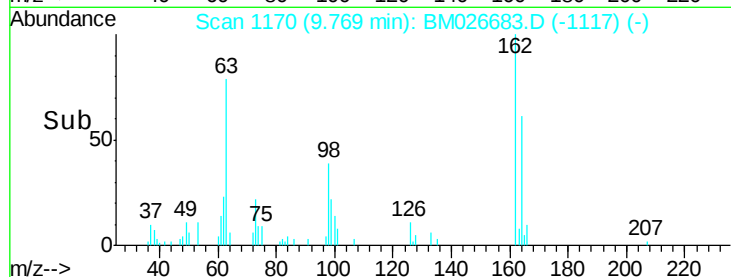
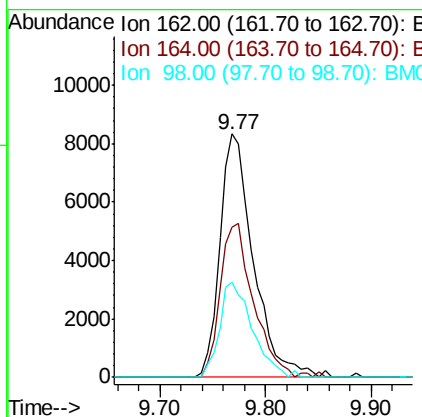
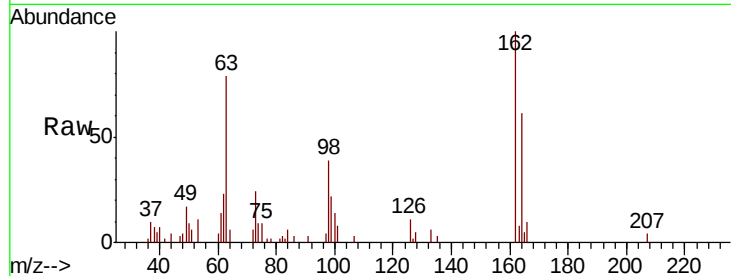
#29
2,4-Dichlorophenol
Concen: 3.123 ng
RT: 9.77 min Scan# 1170
Delta R.T. 0.01 min
Lab File: BM026683.D
Acq: 07 Jul 2020 18:48

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2020

Tot Ion	Ratio	Lower	Upper
162	100		
164	61.4	44.3	84.3
98	39.0	21.0	61.0

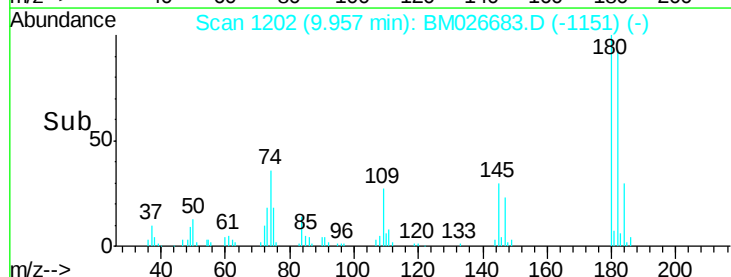
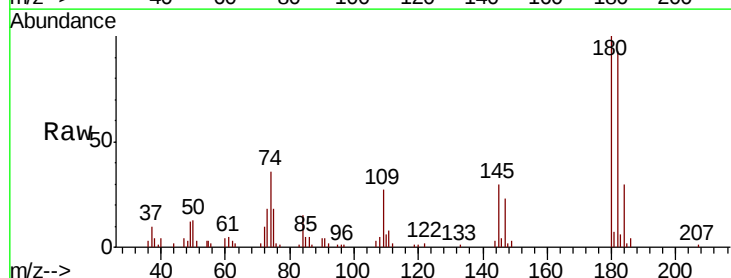
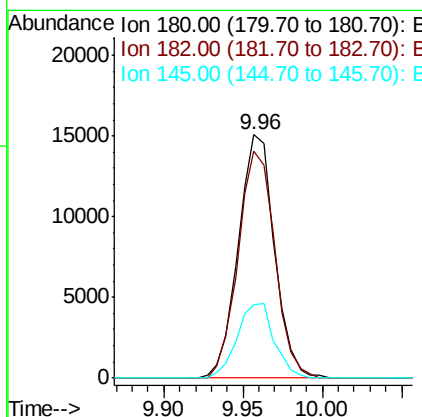
Manual Integrations
APPROVED

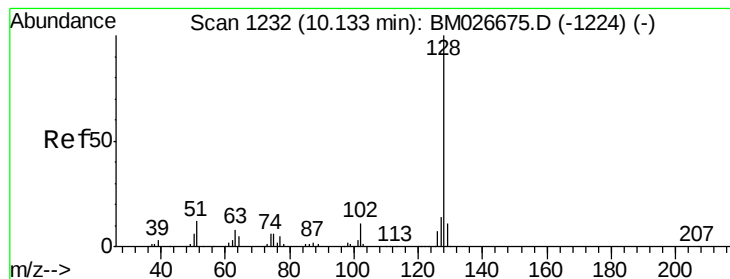
mohammad
7/9/2020 10:56:32 AM



#30
1,2,4-Trichlorobenzene
Concen: 3.623 ng
RT: 9.96 min Scan# 1202
Delta R.T. -0.00 min
Lab File: BM026683.D
Acq: 07 Jul 2020 18:48

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.1	77.8	116.6
145	30.1	25.0	37.6





#31

Naphthalene

Concen: 3.574 ng

RT: 10.13 min Scan# 1232

Delta R.T. -0.00 min

Lab File: BM026683.D

Acq: 07 Jul 2020 18:48

Instrument :

BNA_M

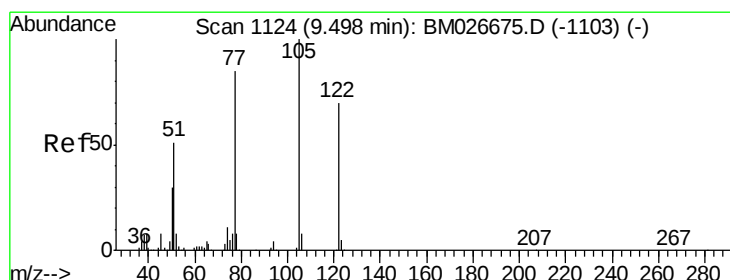
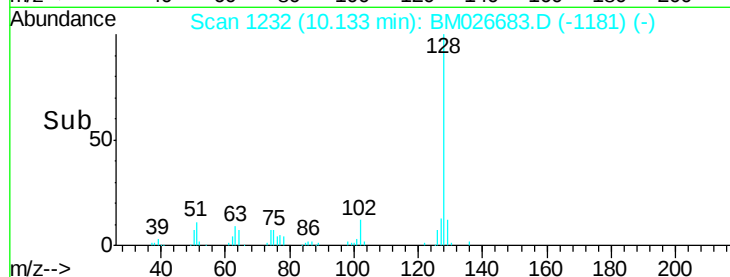
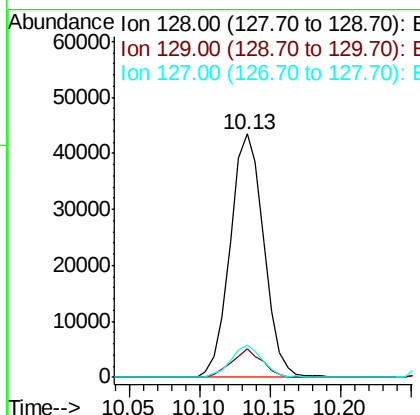
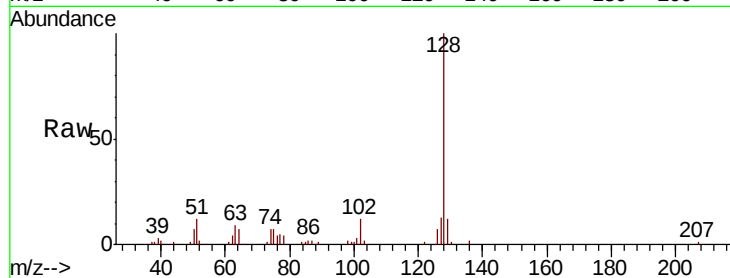
ClientSampleId :

LOD-MDL-SOIL-01-QT2-2020

Tot Ion:128	Resp:	71974
Ion Ratio	Lower	Upper
128	100	
129	11.5	8.8 13.2
127	13.5	10.8 16.2

Manual Integrations
APPROVED

mohammad
7/9/2020 10:56:32 AM



#32

Benzoic acid

Concen: 1.087 ng m

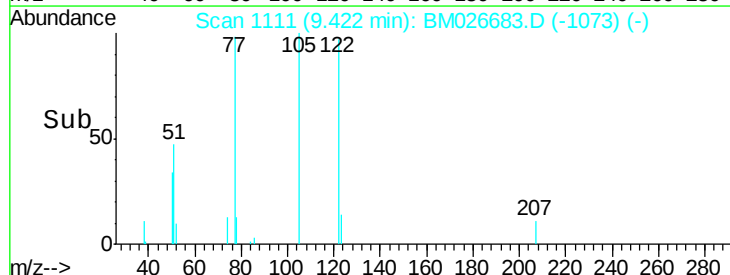
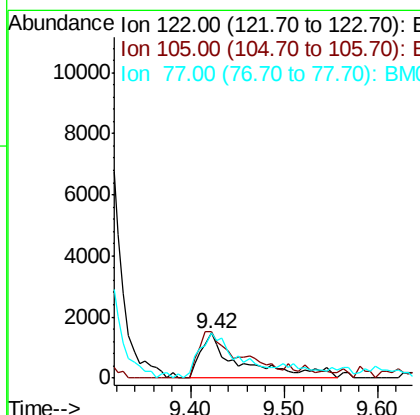
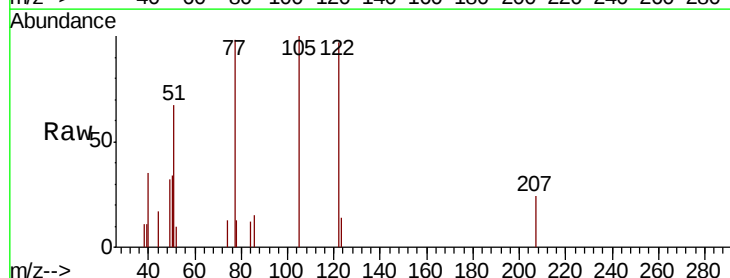
RT: 9.42 min Scan# 1111

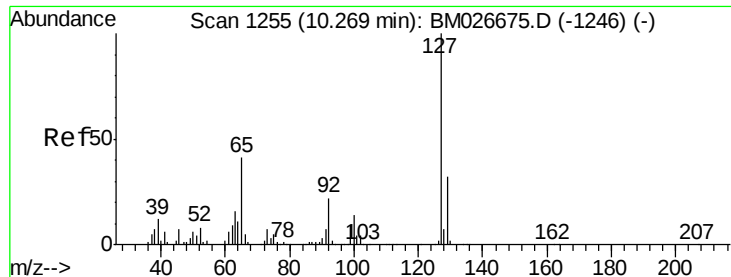
Delta R.T. -0.08 min

Lab File: BM026683.D

Acq: 07 Jul 2020 18:48

Tgt Ion:122	Resp:	4420
Ion Ratio	Lower	Upper
122	100	
105	103.6	120.9 160.9#
77	101.7	100.0 140.0





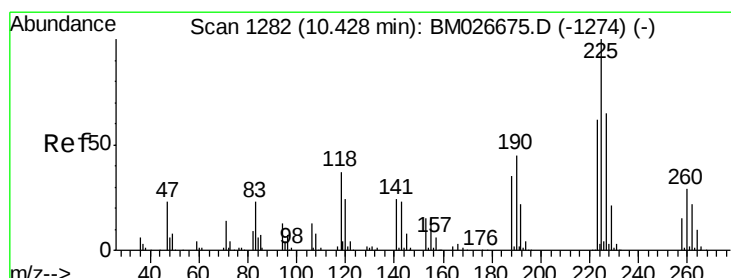
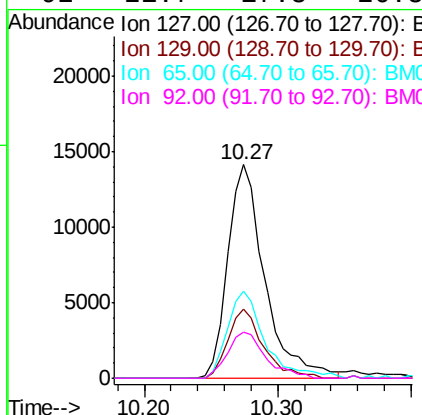
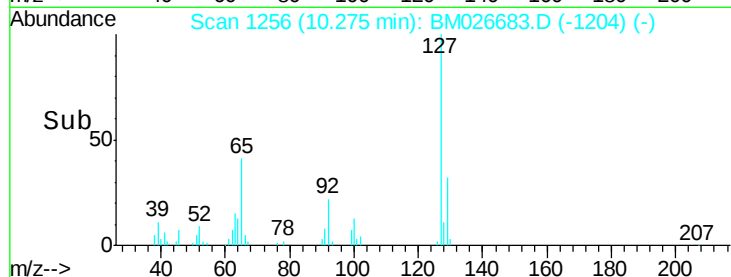
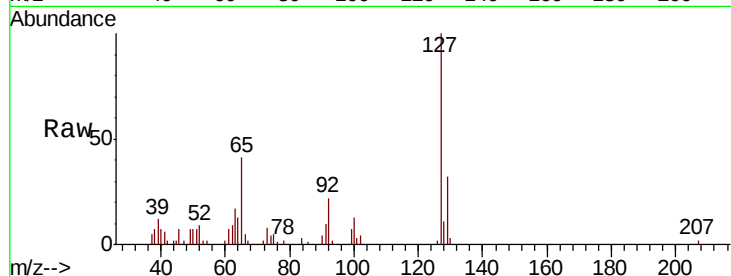
#33
4-Chloroaniline
Concen: 3.105 ng
RT: 10.27 min Scan# 1256
Delta R.T. 0.01 min
Lab File: BM026683.D
Acq: 07 Jul 2020 18:48

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2020

Tot Ion	Ratio	Lower	Upper
127	100		
129	32.3	25.8	38.6
65	40.9	32.5	48.7
92	21.7	17.8	26.8

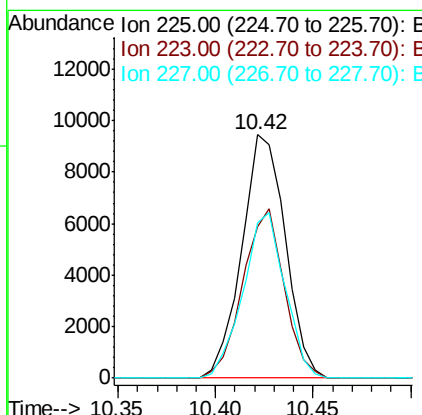
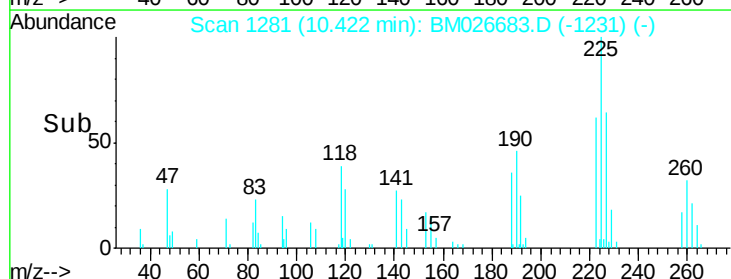
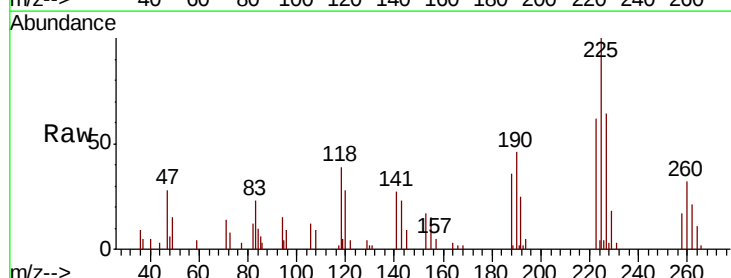
Manual Integrations
APPROVED

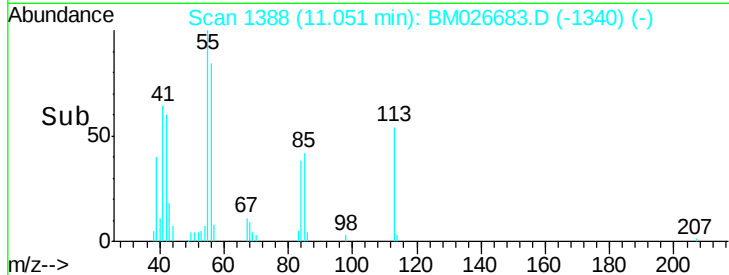
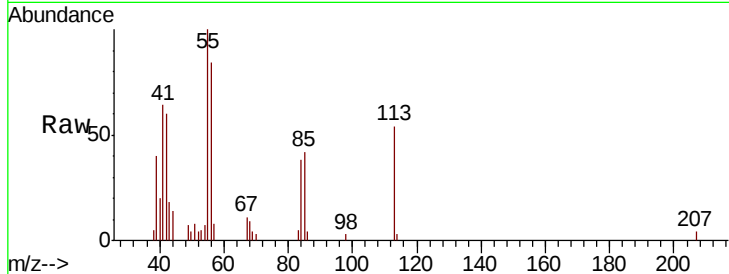
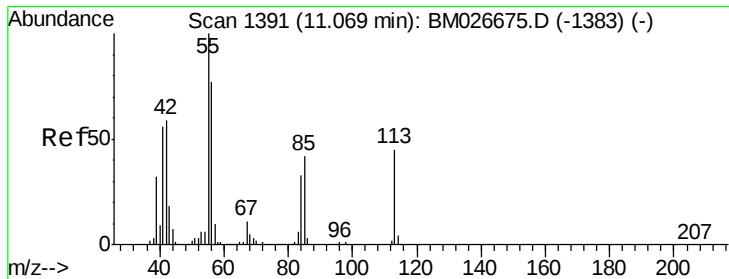
mohammad
7/9/2020 10:56:32 AM



#34
Hexachlorobutadiene
Concen: 3.361 ng
RT: 10.42 min Scan# 1281
Delta R.T. -0.01 min
Lab File: BM026683.D
Acq: 07 Jul 2020 18:48

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.4	49.8	74.8
227	63.8	52.3	78.5





#35

Caprolactam

Concen: 3.330 ng

RT: 11.05 min Scan# 1388

Delta R.T. -0.02 min

Lab File: BM026683.D

Acq: 07 Jul 2020 18:48

Tot Ion:	113	Resp:	6960
Ion	Ratio	Lower	Upper
113	100		
55	185.9	203.5	243.5#
56	157.0	151.6	191.6

Instrument :

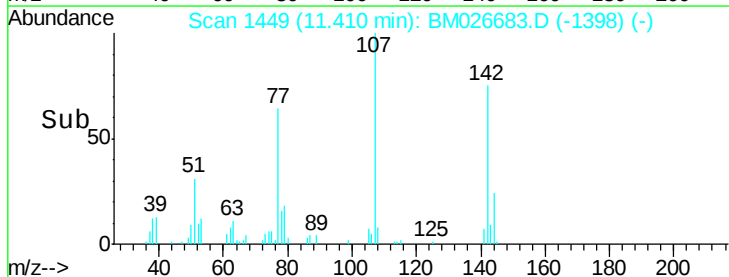
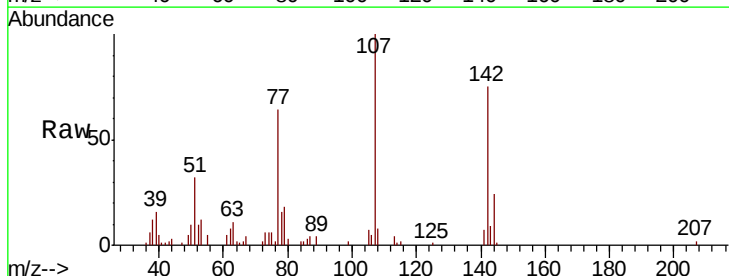
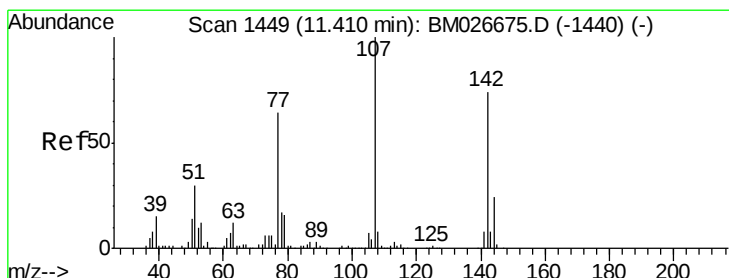
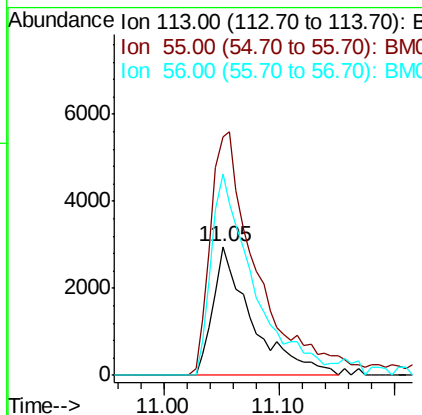
BNA_M

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2020

Manual Integrations
APPROVED

mohammad
7/9/2020 10:56:32 AM



#36

4-Chloro-3-methylphenol

Concen: 3.208 ng

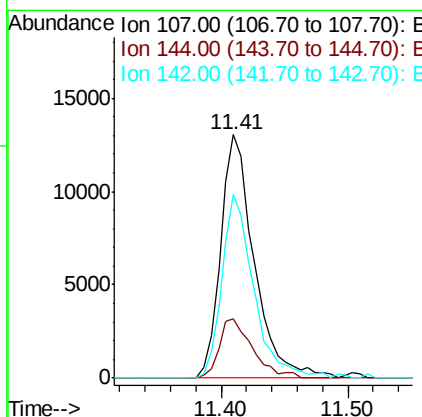
RT: 11.41 min Scan# 1449

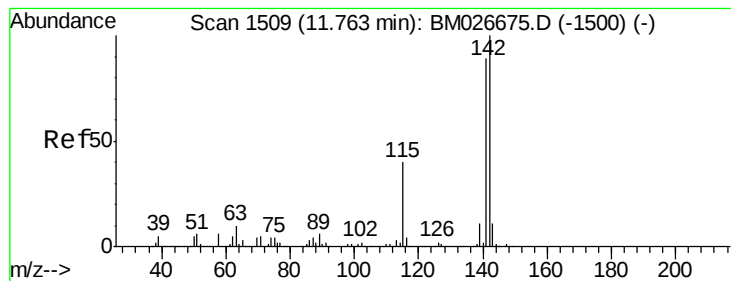
Delta R.T. -0.00 min

Lab File: BM026683.D

Acq: 07 Jul 2020 18:48

Tgt Ion:	107	Resp:	23923
Ion	Ratio	Lower	Upper
107	100		
144	24.3	18.9	28.3
142	75.2	59.0	88.4





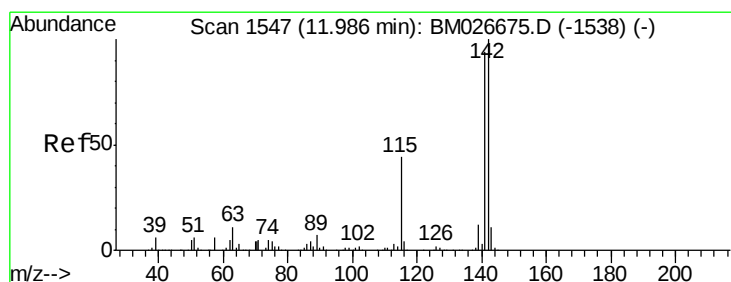
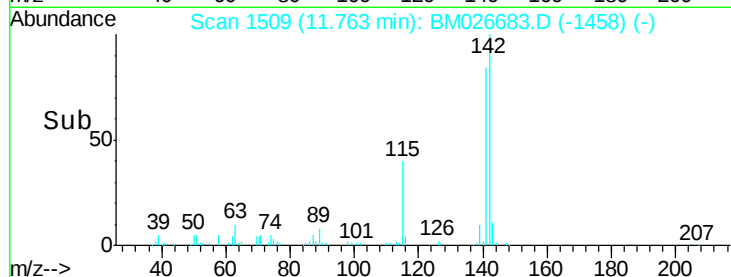
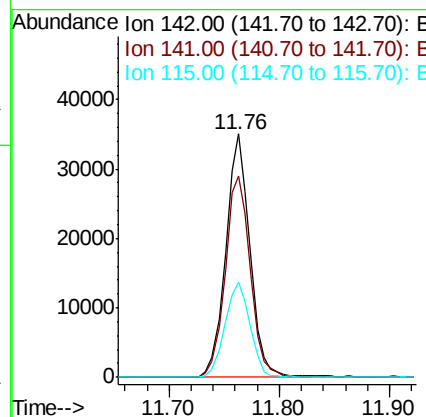
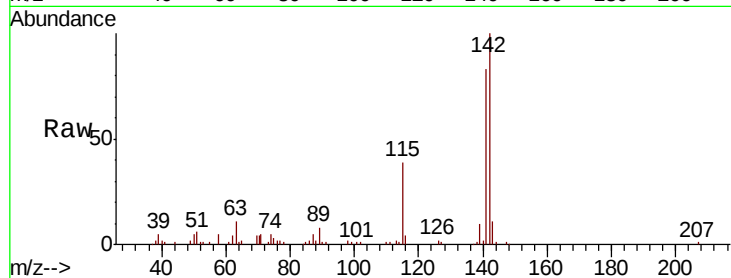
#37
2-Methylnaphthalene
Concen: 3.606 ng
RT: 11.76 min Scan# 1509
Delta R.T. -0.00 min
Lab File: BM026683.D
Acq: 07 Jul 2020 18:48

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2020

Tot Ion	Ratio	Lower	Upper
142	100		
141	82.8	71.4	107.0
115	39.2	32.1	48.1

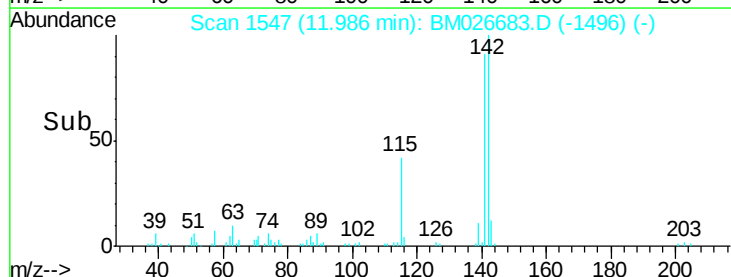
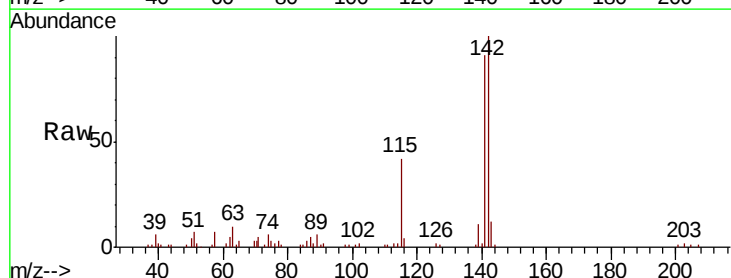
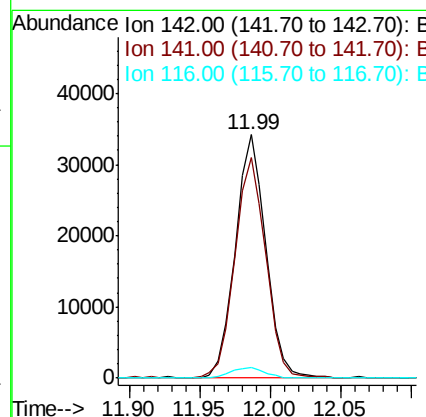
Manual Integrations
APPROVED

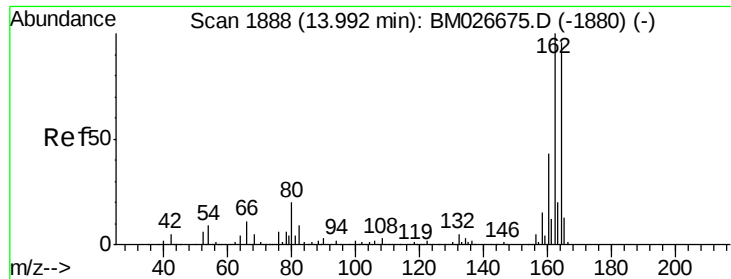
mohammad
7/9/2020 10:56:32 AM



#38
1-Methylnaphthalene
Concen: 3.594 ng
RT: 11.99 min Scan# 1547
Delta R.T. -0.00 min
Lab File: BM026683.D
Acq: 07 Jul 2020 18:48

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.7	75.0	112.6
116	4.3	3.5	5.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 13.99 min Scan# 1888

Delta R.T. -0.00 min

Lab File: BM026683.D

Acq: 07 Jul 2020 18:48

Instrument :

BNA_M

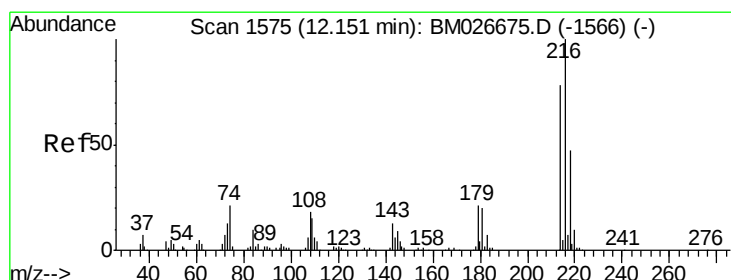
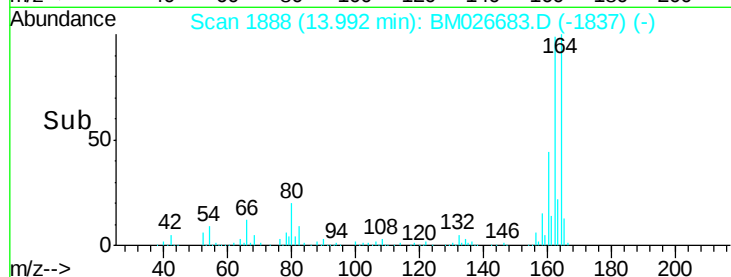
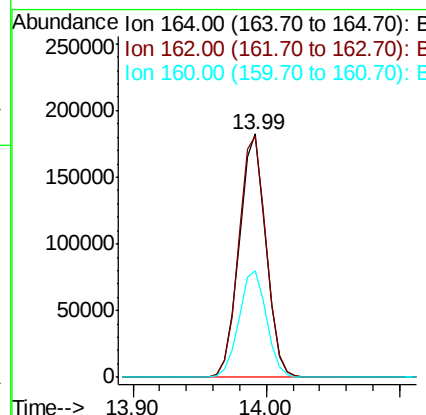
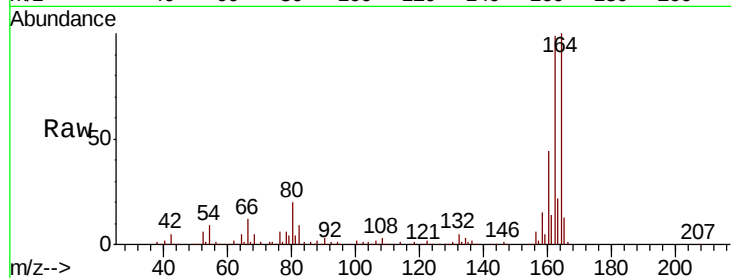
ClientSampleId :

LOD-MDL-SOIL-01-QT2-2020

Tot Ion:	164	Resp:	253005
Ion Ratio	Lower	Upper	
164	100		
162	99.2	83.7	125.5
160	43.7	36.2	54.2

Manual Integrations
APPROVED

mohammad
7/9/2020 10:56:32 AM



#40

1,2,4,5-Tetrachlorobenzene

Concen: 3.607 ng

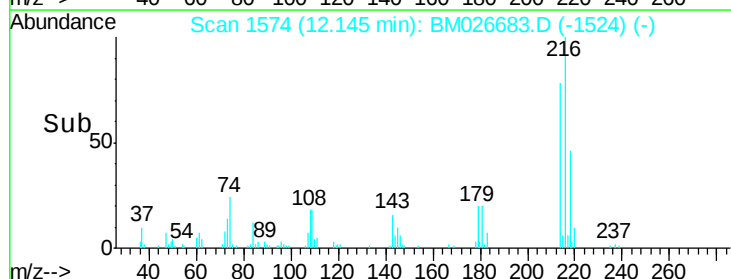
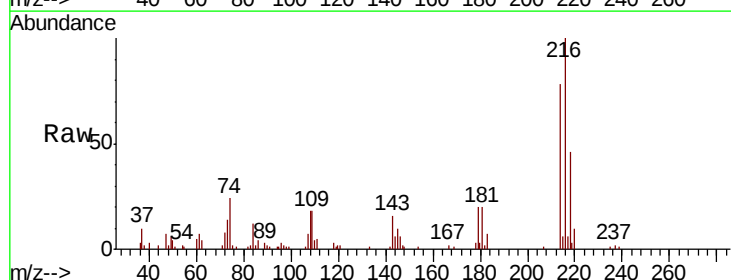
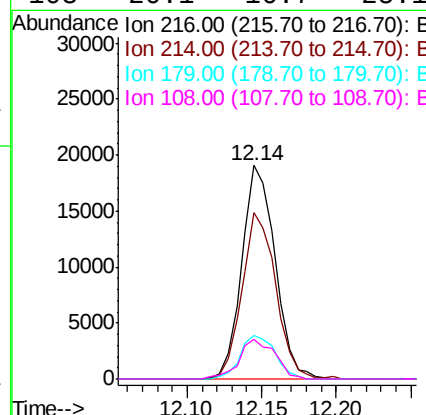
RT: 12.14 min Scan# 1574

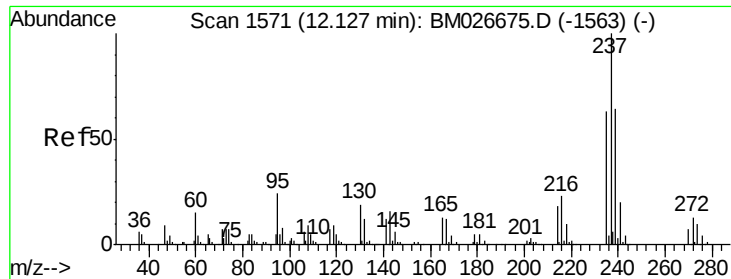
Delta R.T. -0.01 min

Lab File: BM026683.D

Acq: 07 Jul 2020 18:48

Tgt Ion:	216	Resp:	29503
Ion Ratio	Lower	Upper	
216	100		
214	78.8	62.6	93.8
179	21.4	17.5	26.3
108	20.1	16.7	25.1





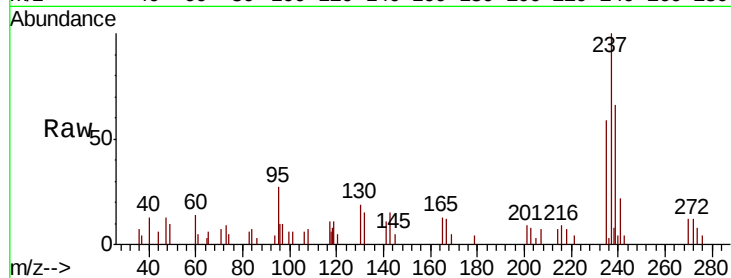
#41
Hexachlorocyclopentadiene
Concen: 1.743 ng
RT: 12.12 min Scan# 1570
Delta R.T. -0.01 min
Lab File: BM026683.D
Acq: 07 Jul 2020 18:48

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2020

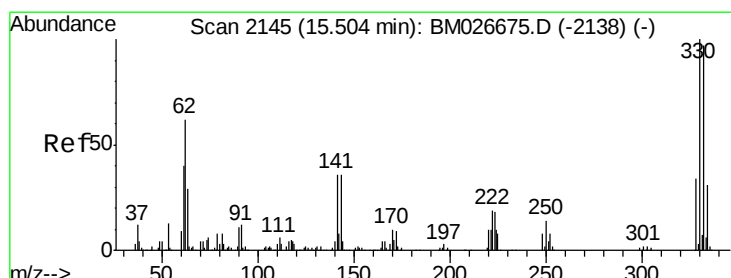
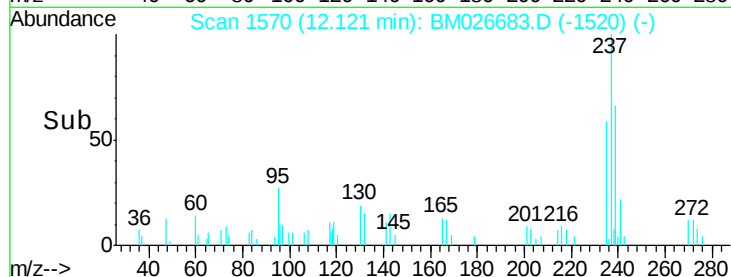
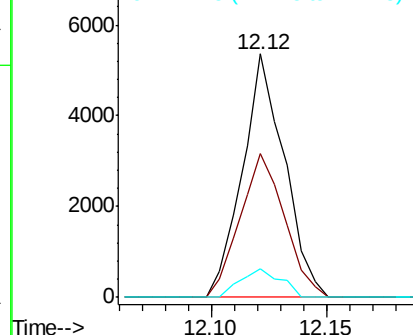
Tot Ion	Ratio	Lower	Upper
237	100		
235	58.9	42.8	82.8
272	11.6	0.0	32.8

Manual Integrations
APPROVED

mohammad
7/9/2020 10:56:32 AM

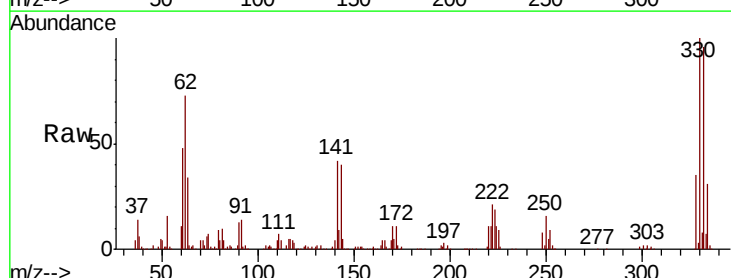


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

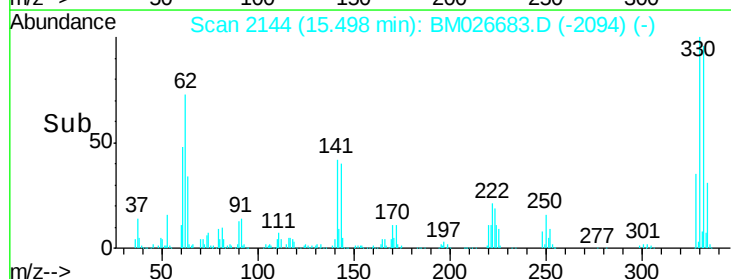
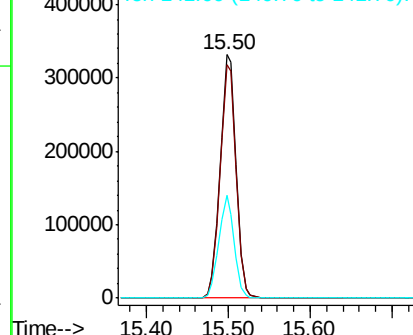


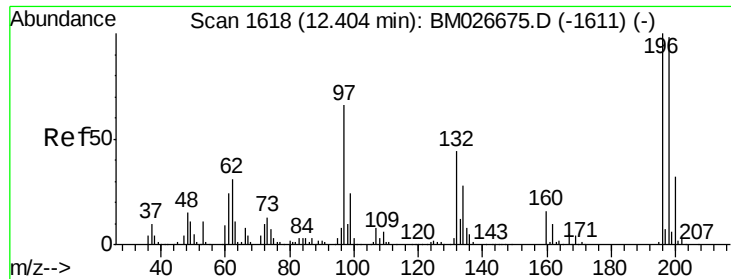
#42
2,4,6-Tribromophenol
Concen: 122.545 ng
RT: 15.50 min Scan# 2144
Delta R.T. -0.01 min
Lab File: BM026683.D
Acq: 07 Jul 2020 18:48

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.5	116.3
141	40.7	32.4	48.6



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





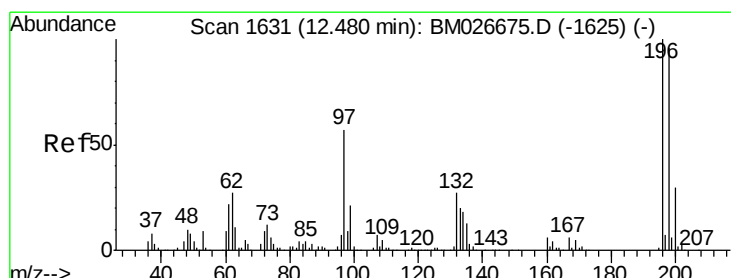
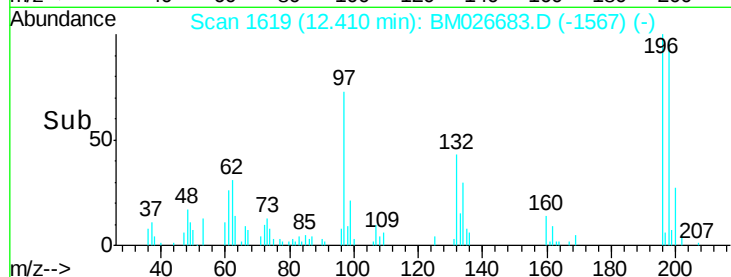
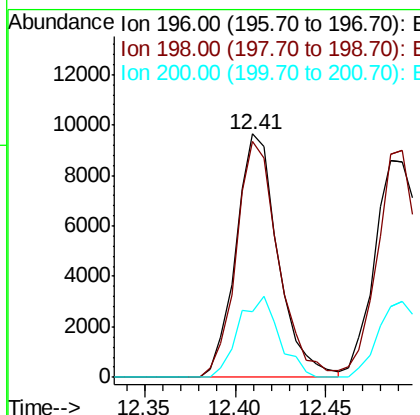
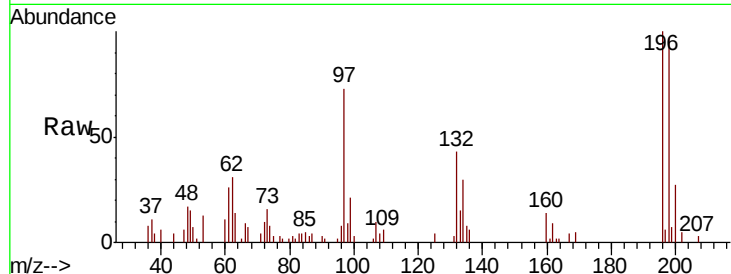
#43
 2,4,6-Trichlorophenol
 Concen: 2.906 ng
 RT: 12.41 min Scan# 1619
 Delta R.T. 0.01 min
 Lab File: BM026683.D
 Acq: 07 Jul 2020 18:48

Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-SOIL-01-QT2-2020

Tot Ion	Ratio	Resp	Lower	Upper
196	100	15570		
198	97.1	78.6	118.0	
200	27.2	25.3	37.9	

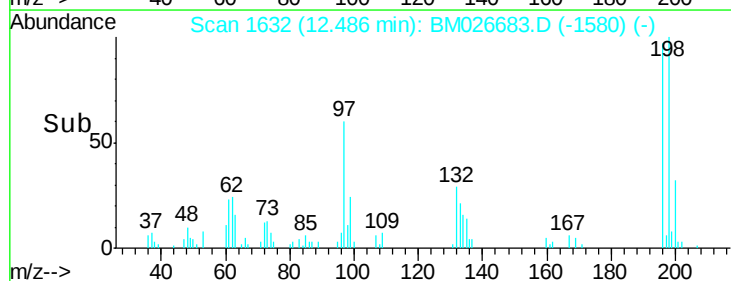
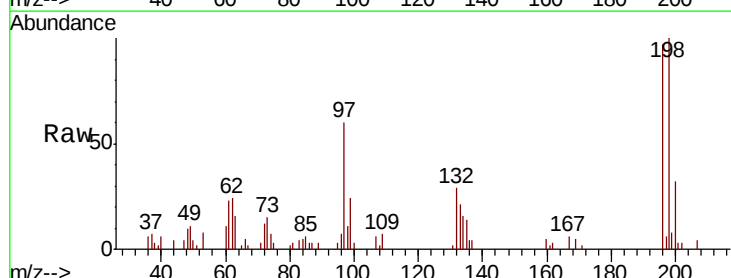
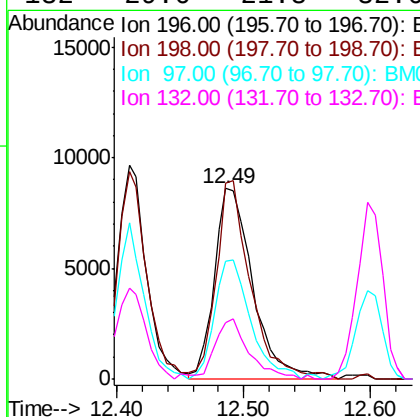
Manual Integrations
 APPROVED

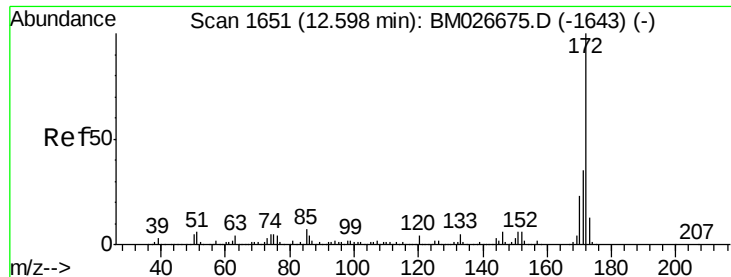
mohammad
 7/9/2020 10:56:32 AM



#44
 2,4,5-Trichlorophenol
 Concen: 2.906 ng
 RT: 12.49 min Scan# 1632
 Delta R.T. 0.01 min
 Lab File: BM026683.D
 Acq: 07 Jul 2020 18:48

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	18293		
198	102.6	77.0	115.6	
97	61.9	45.7	68.5	
132	29.6	21.8	32.6	





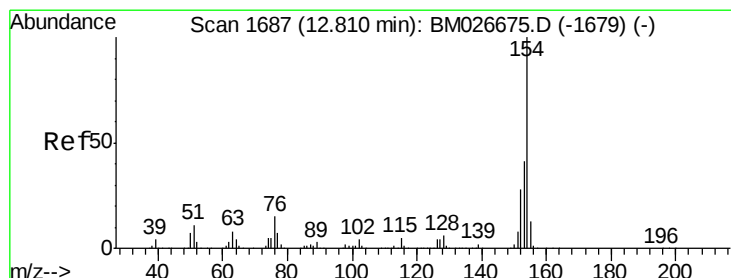
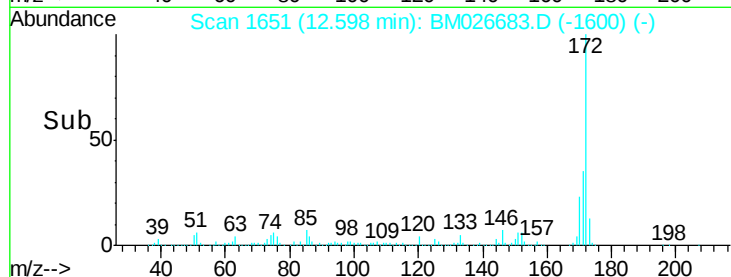
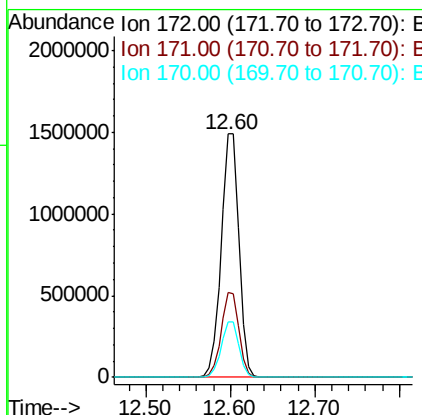
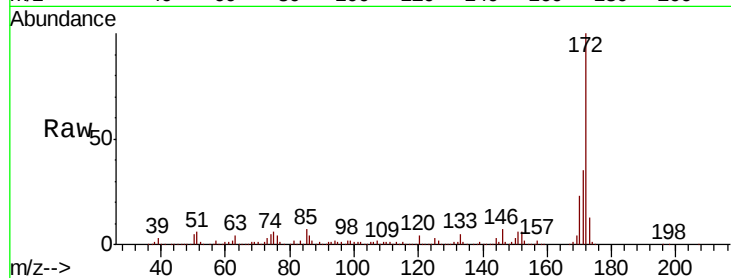
#45
2-Fluorobiphenyl
Concen: 114.805 ng
RT: 12.60 min Scan# 1651
Delta R.T. -0.00 min
Lab File: BM026683.D
Acq: 07 Jul 2020 18:48

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2020

Tot Ion	Ratio	Lower	Upper
172	100		
171	34.9	27.8	41.6
170	22.8	18.5	27.7

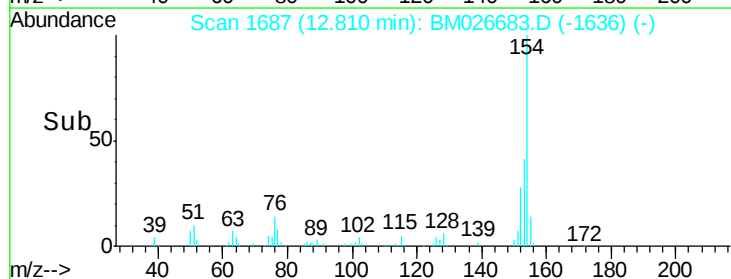
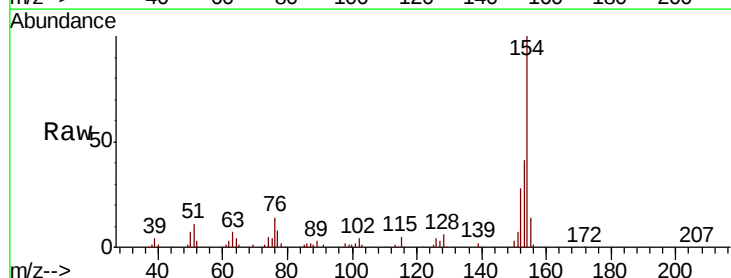
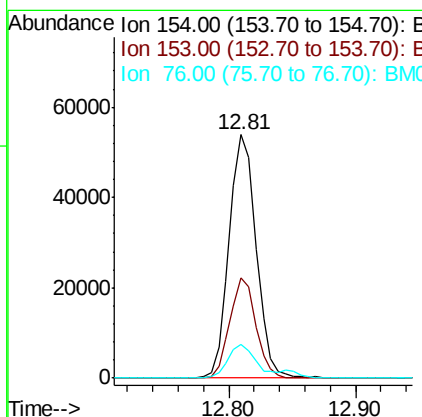
Manual Integrations
APPROVED

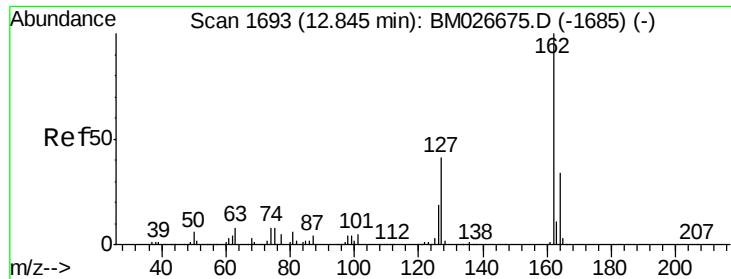
mohammad
7/9/2020 10:56:32 AM



#46
1,1'-Biphenyl
Concen: 3.978 ng
RT: 12.81 min Scan# 1687
Delta R.T. -0.00 min
Lab File: BM026683.D
Acq: 07 Jul 2020 18:48

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.4	20.9	60.9
76	14.0	0.0	35.2





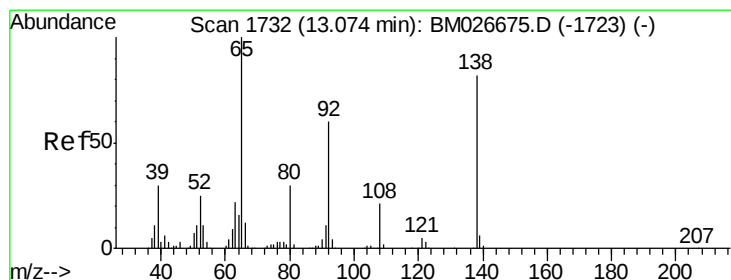
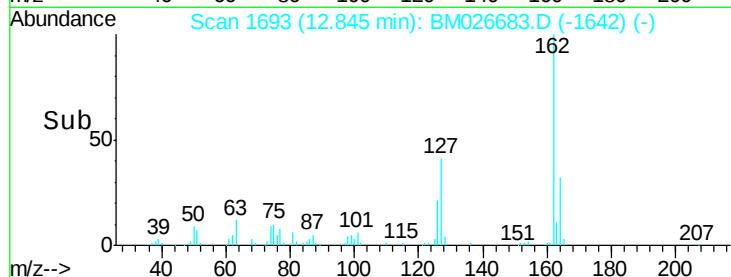
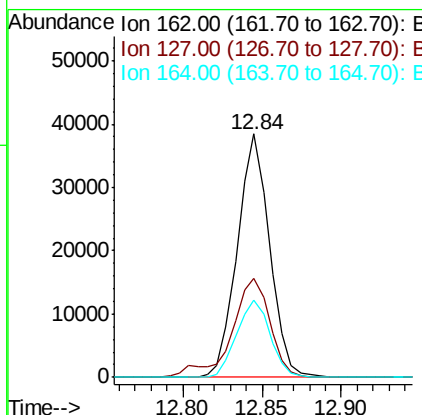
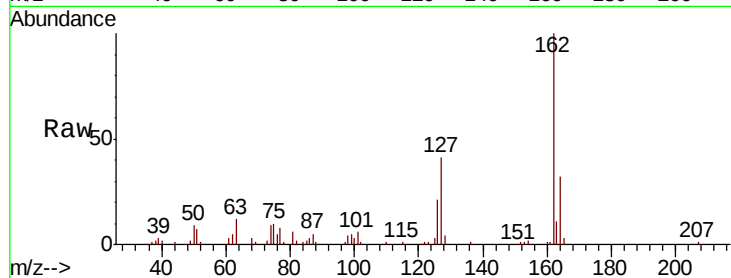
#47
2-Chloronaphthalene
Concen: 3.360 ng
RT: 12.84 min Scan# 1693
Delta R.T. -0.00 min
Lab File: BM026683.D
Acq: 07 Jul 2020 18:48

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2020

Tot Ion	Ratio	Lower	Upper
162	100		
127	40.9	34.0	51.0
164	31.8	26.9	40.3

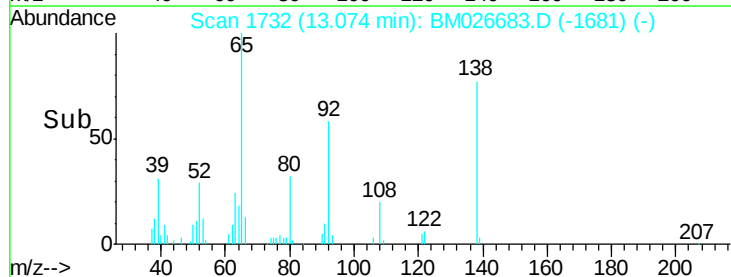
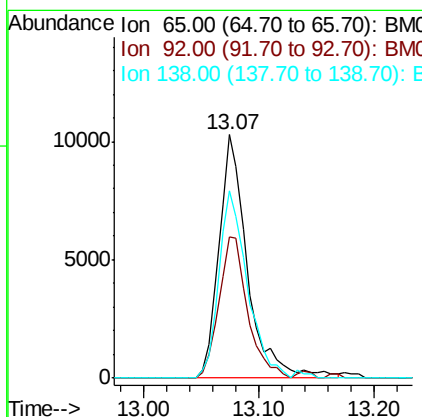
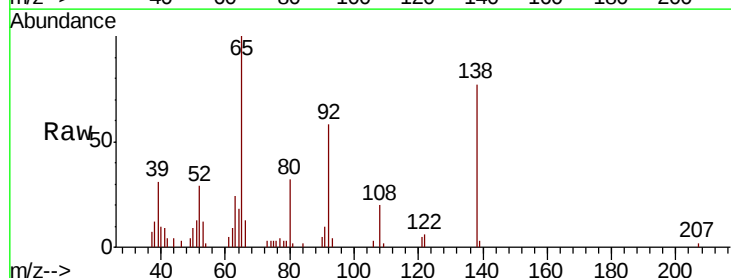
Manual Integrations
APPROVED

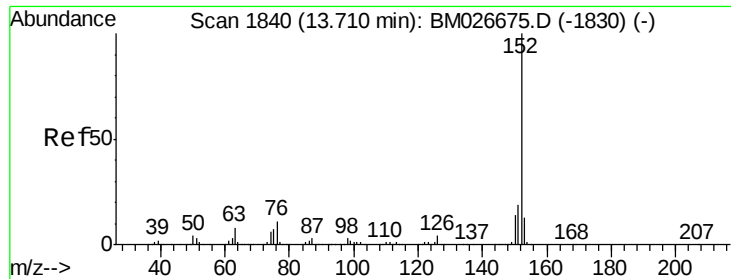
mohammad
7/9/2020 10:56:32 AM



#48
2-Nitroaniline
Concen: 2.651 ng
RT: 13.07 min Scan# 1732
Delta R.T. -0.00 min
Lab File: BM026683.D
Acq: 07 Jul 2020 18:48

Tgt Ion	Ratio	Lower	Upper
65	100		
92	58.2	47.8	71.8
138	77.0	65.6	98.4





#49

Acenaphthylene

Concen: 3.322 ng

RT: 13.70 min Scan# 1839

Delta R.T. -0.01 min

Lab File: BM026683.D

Acq: 07 Jul 2020 18:48

Instrument :

BNA_M

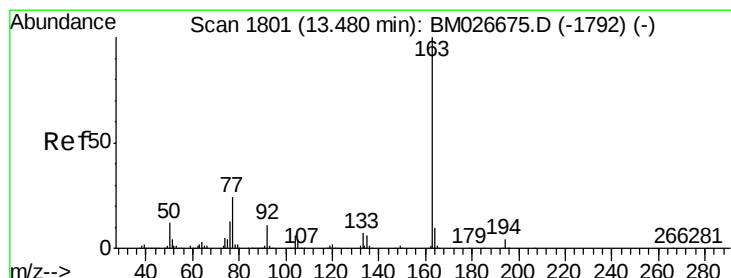
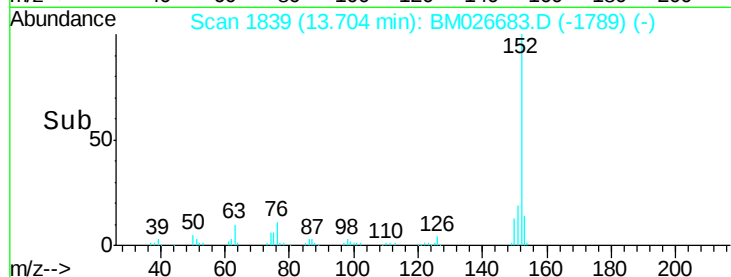
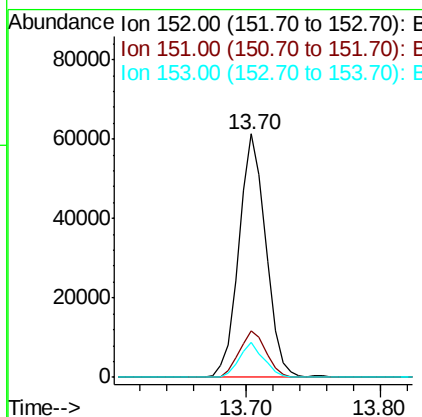
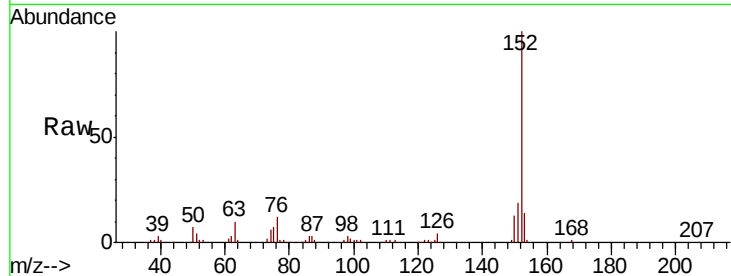
ClientSampleId :

LOD-MDL-SOIL-01-QT2-2020

Tot Ion:	152	Resp:	85746
Ion Ratio	Lower	Upper	
152	100		
151	19.2	15.6	23.4
153	14.2	10.4	15.6

Manual Integrations
APPROVED

mohammad
7/9/2020 10:56:32 AM



#50

Dimethylphthalate

Concen: 3.445 ng

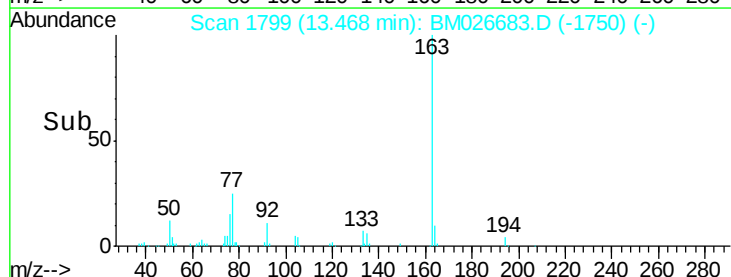
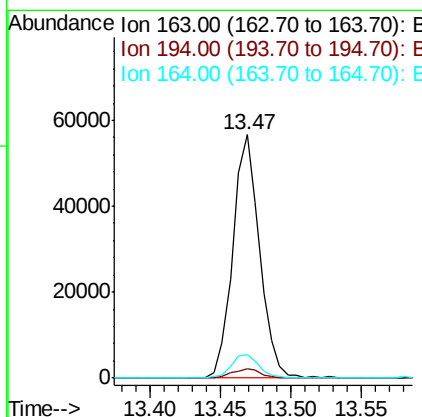
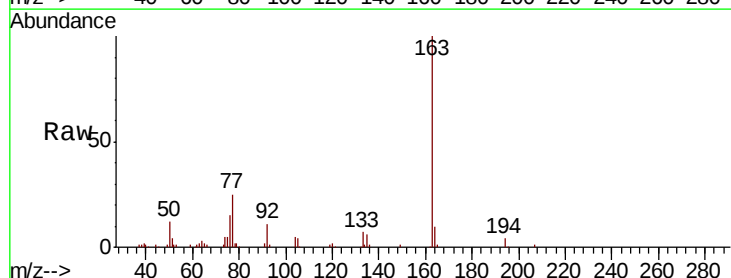
RT: 13.47 min Scan# 1799

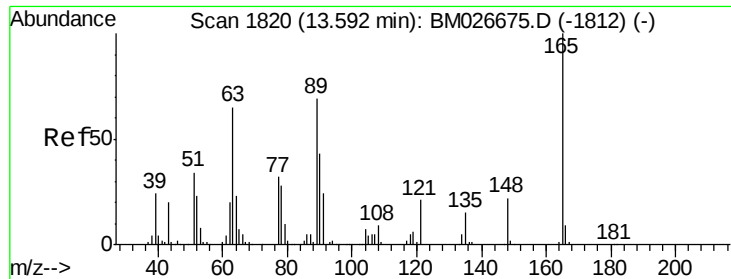
Delta R.T. -0.01 min

Lab File: BM026683.D

Acq: 07 Jul 2020 18:48

Tgt Ion:	163	Resp:	74562
Ion Ratio	Lower	Upper	
163	100		
194	4.1	3.4	5.2
164	9.7	7.8	11.6





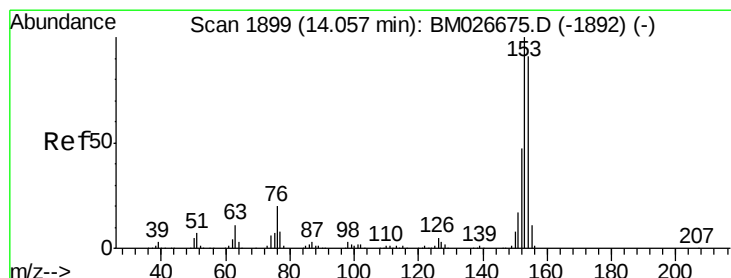
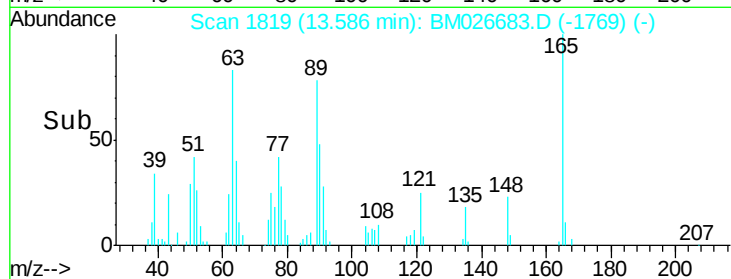
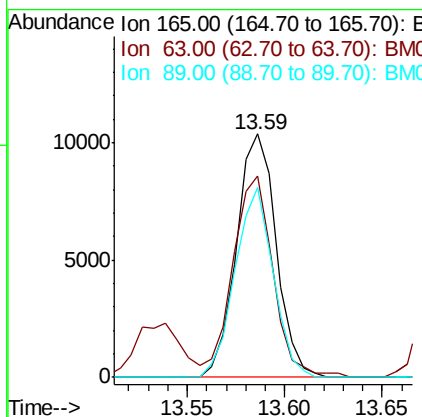
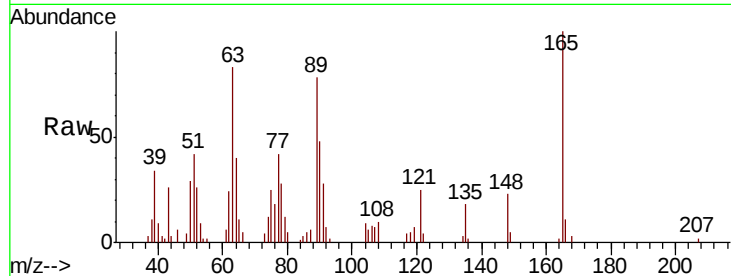
#51
 2,6-Dinitrotoluene
 Concen: 3.149 ng
 RT: 13.59 min Scan# 1819
 Delta R.T. -0.01 min
 Lab File: BM026683.D
 Acq: 07 Jul 2020 18:48

Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-SOIL-01-QT2-2020

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	82.9	61.1	91.7	
89	77.9	54.9	82.3	

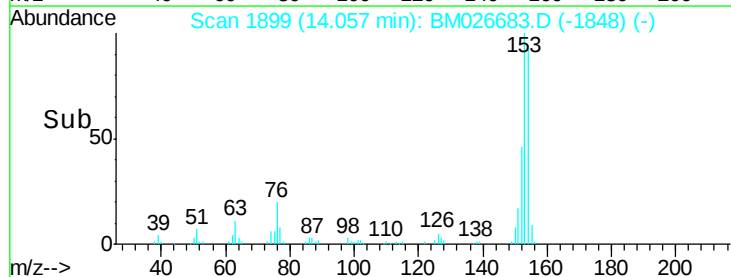
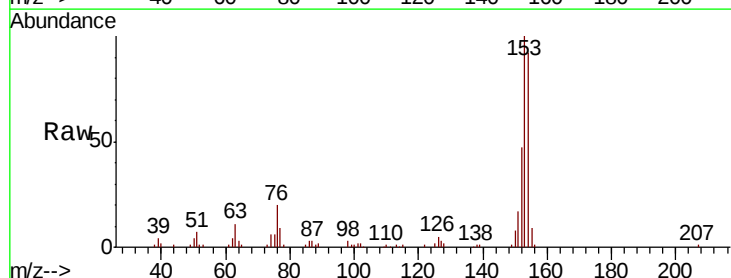
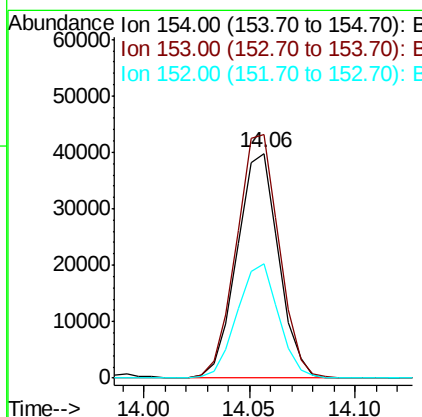
Manual Integrations
 APPROVED

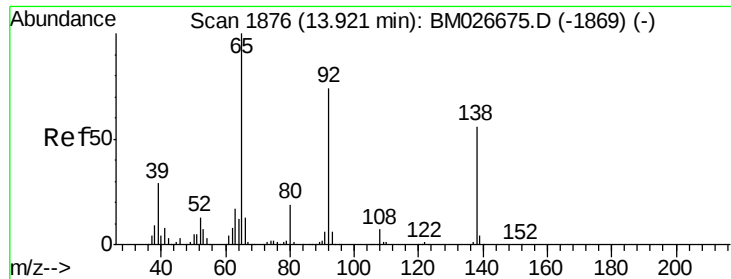
mohammad
 7/9/2020 10:56:32 AM



#52
 Acenaphthene
 Concen: 3.471 ng
 RT: 14.06 min Scan# 1899
 Delta R.T. -0.00 min
 Lab File: BM026683.D
 Acq: 07 Jul 2020 18:48

Tgt Ion	Ratio	Resp	Lower	Upper
154	100			
153	108.3	88.3	132.5	
152	50.9	41.1	61.7	





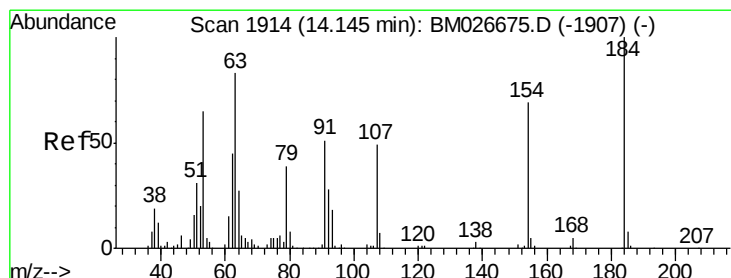
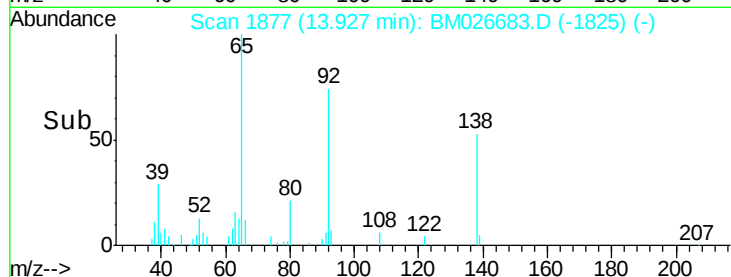
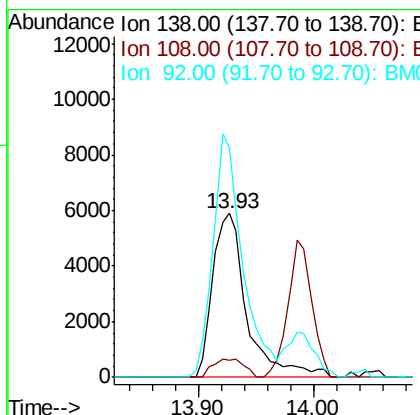
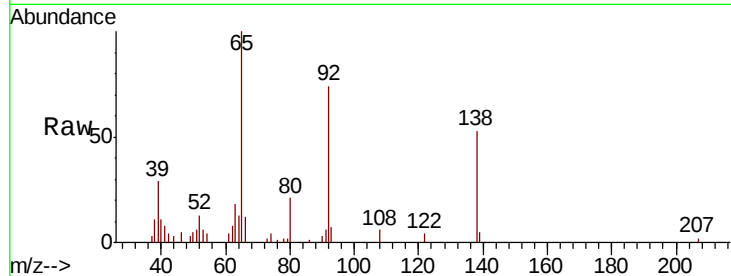
#53
3-Nitroaniline
Concen: 2.492 ng
RT: 13.93 min Scan# 1877
Delta R.T. 0.01 min
Lab File: BM026683.D
Acq: 07 Jul 2020 18:48

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2020

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.8	9.7	14.5
92	139.6	105.6	158.4

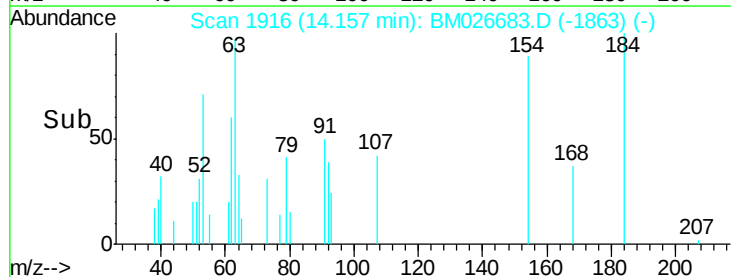
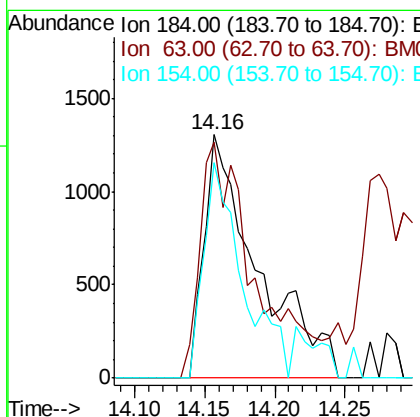
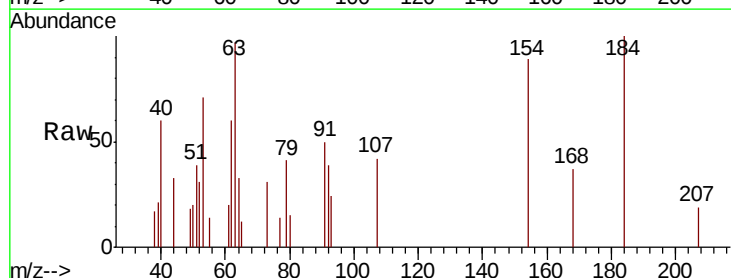
Manual Integrations
APPROVED

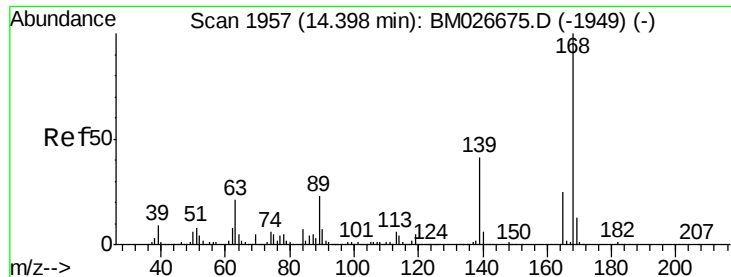
mohammad
7/9/2020 10:56:32 AM



#54
2,4-Dinitrophenol
Concen: 1.289 ng m
RT: 14.16 min Scan# 1916
Delta R.T. 0.01 min
Lab File: BM026683.D
Acq: 07 Jul 2020 18:48

Tgt Ion	Ratio	Lower	Upper
184	100		
63	96.8	66.2	99.4
154	88.7	55.2	82.8#





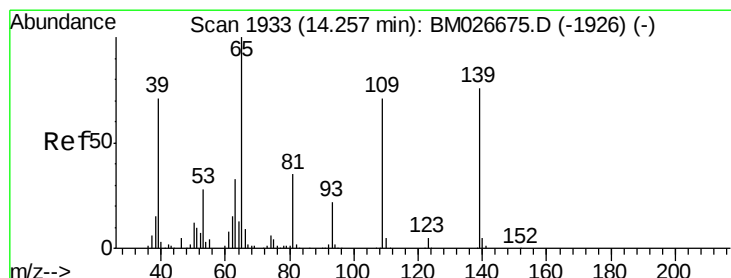
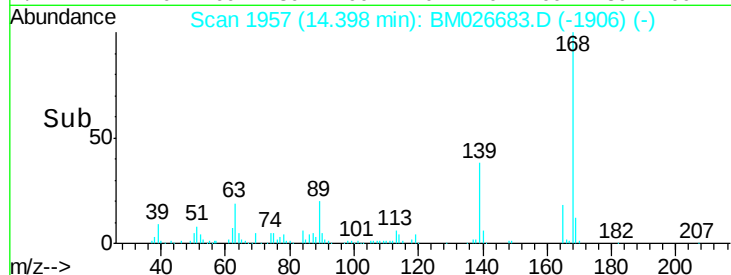
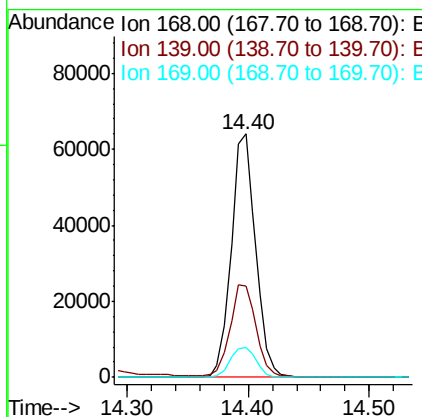
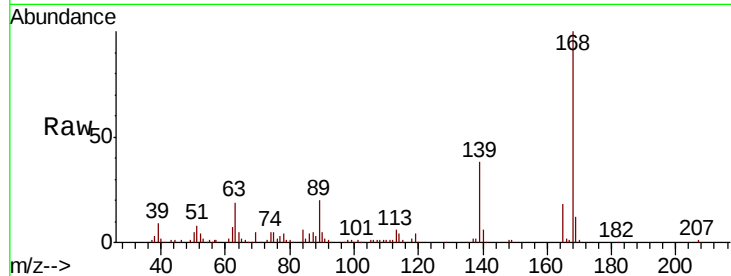
#55
Dibenzenofuran
Concen: 3.500 ng
RT: 14.40 min Scan# 1957
Delta R.T. -0.00 min
Lab File: BM026683.D
Acq: 07 Jul 2020 18:48

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2020

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.6	32.6	48.8
169	12.4	10.5	15.7

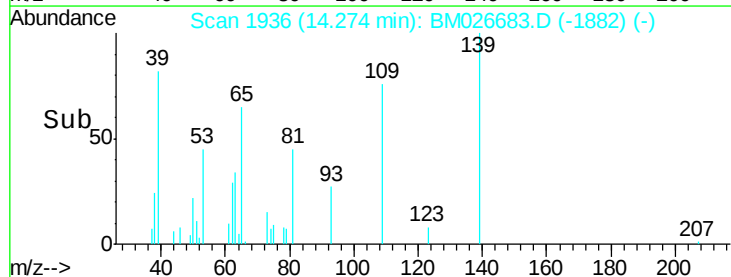
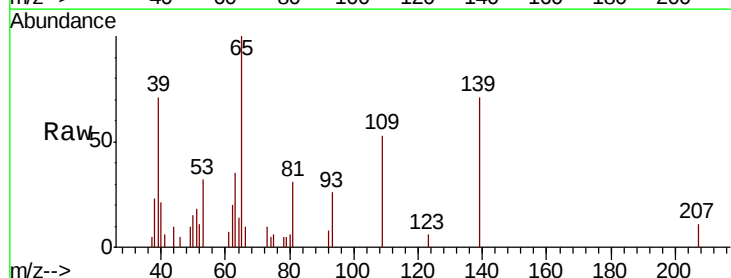
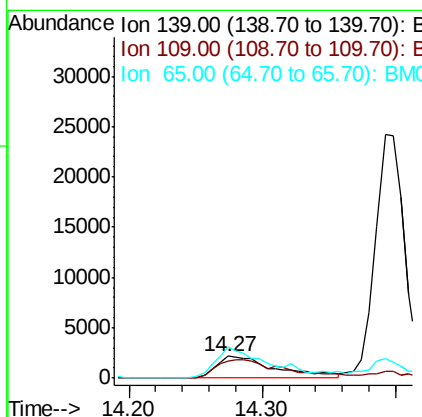
Manual Integrations
APPROVED

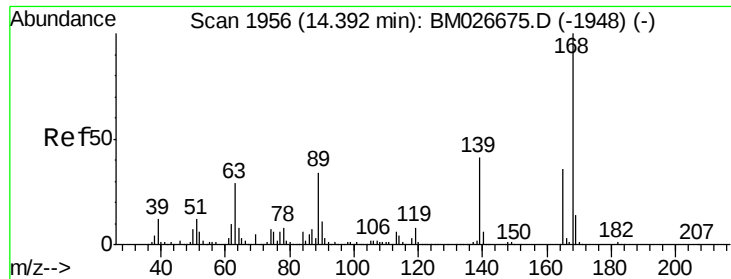
mohammad
7/9/2020 10:56:32 AM



#56
4-Nitrophenol
Concen: 1.785 ng
RT: 14.27 min Scan# 1936
Delta R.T. 0.02 min
Lab File: BM026683.D
Acq: 07 Jul 2020 18:48

Tgt Ion	Ratio	Lower	Upper
139	100		
109	75.7	73.7	113.7
65	141.8	111.5	151.5





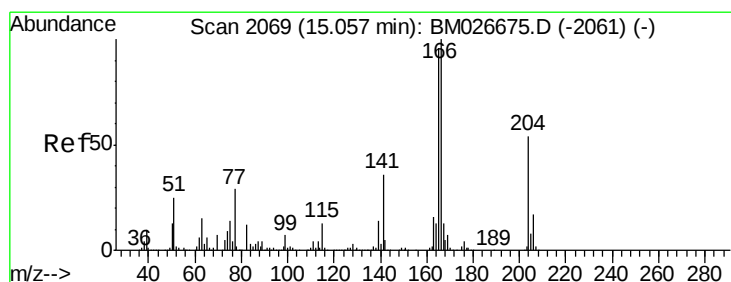
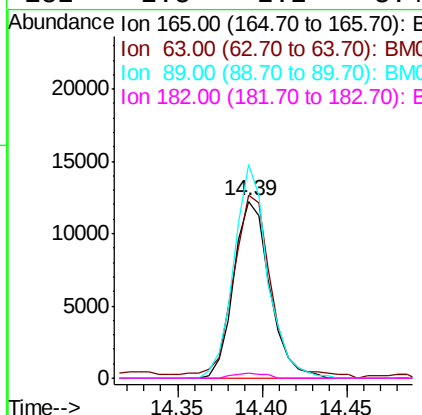
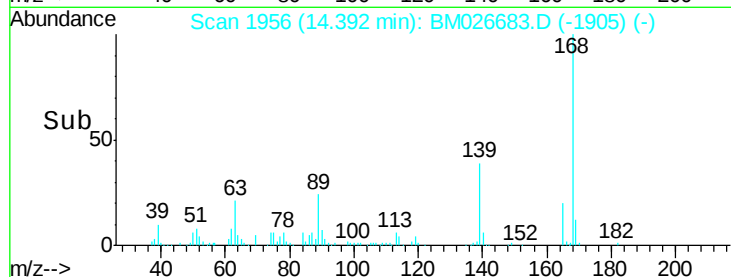
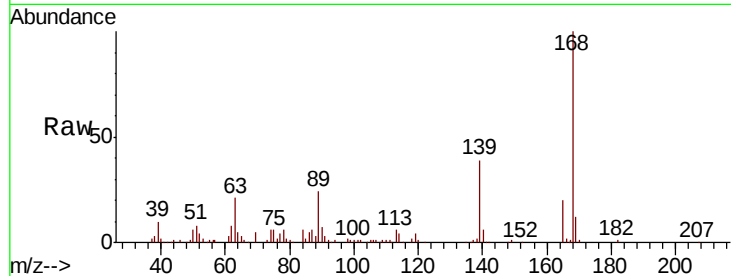
#57
2,4-Dinitrotoluene
Concen: 2.714 ng
RT: 14.39 min Scan# 1956
Delta R.T. -0.00 min
Lab File: BM026683.D
Acq: 07 Jul 2020 18:48

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2020

Tot Ion	Ratio	Resp	Lower	Upper
165	100	18150		
63	103.7	64.6	97.0#	
89	120.7	75.4	113.2#	
182	2.8	2.2	3.4	

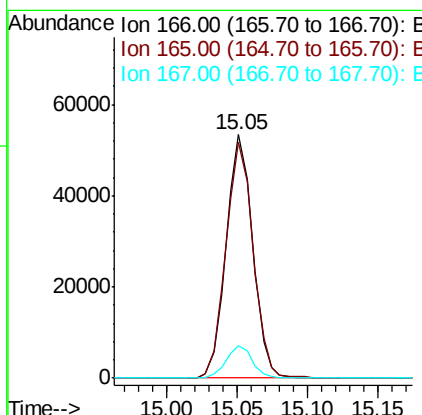
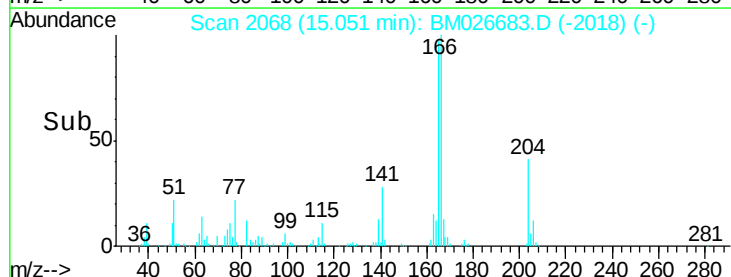
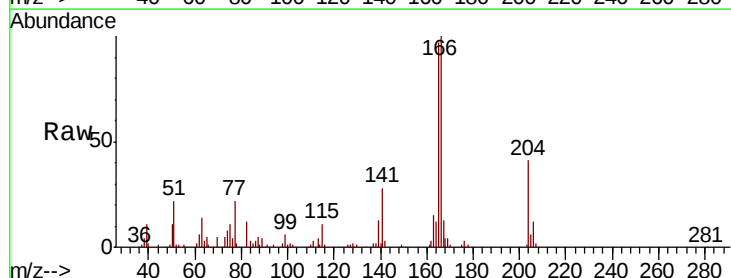
Manual Integrations
APPROVED

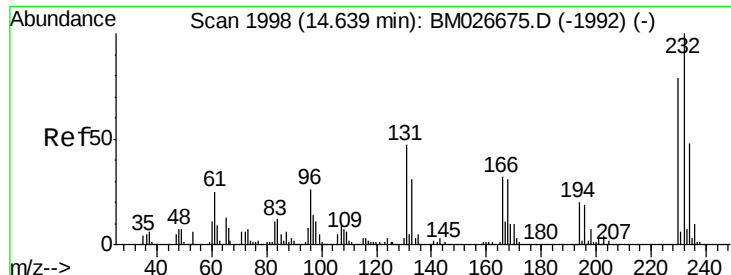
mohammad
7/9/2020 10:56:32 AM



#58
Fluorene
Concen: 3.289 ng
RT: 15.05 min Scan# 2068
Delta R.T. -0.01 min
Lab File: BM026683.D
Acq: 07 Jul 2020 18:48

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	70037		
165	96.9	77.1	115.7	
167	13.4	10.8	16.2	





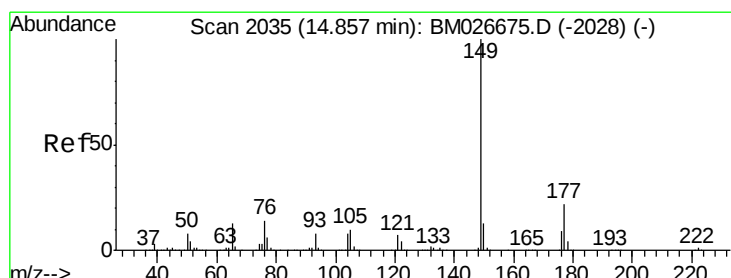
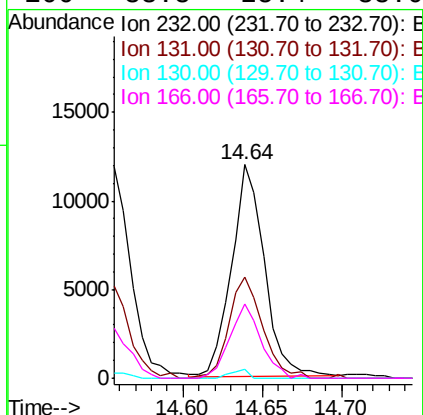
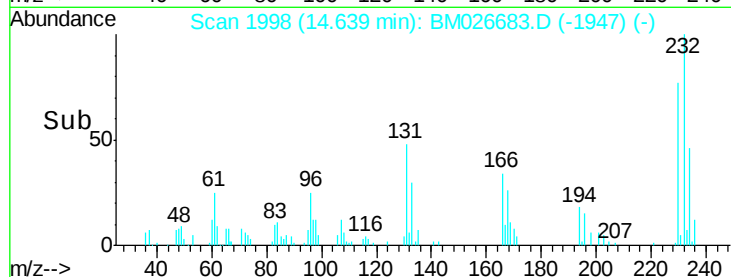
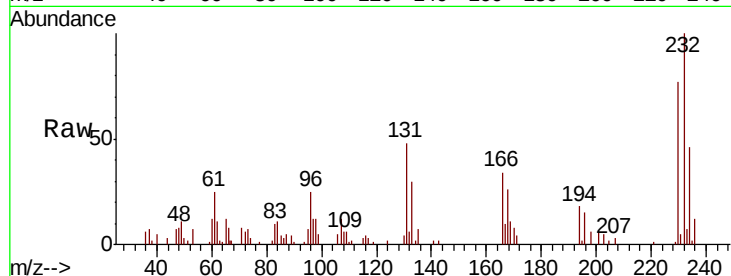
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 3.111 ng
 RT: 14.64 min Scan# 1998
 Delta R.T. -0.00 min
 Lab File: BM026683.D
 Acq: 07 Jul 2020 18:48

Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-SOIL-01-QT2-2020

Tot Ion	Ratio	Lower	Upper
232	100		
131	49.0	38.4	57.6
130	2.3	2.2	3.2
166	33.8	25.4	38.0

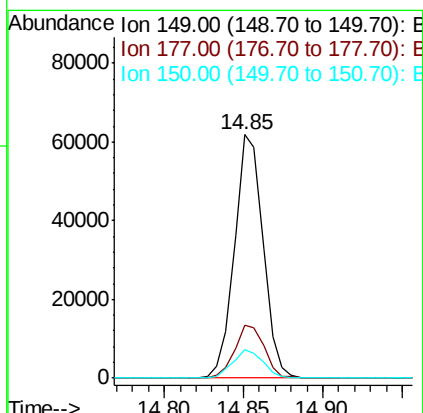
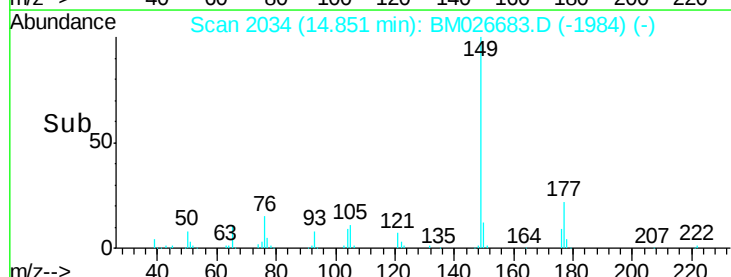
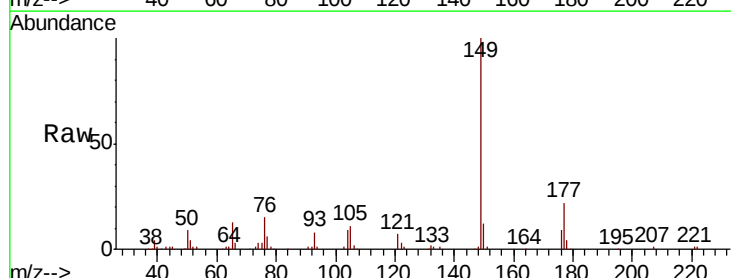
Manual Integrations
 APPROVED

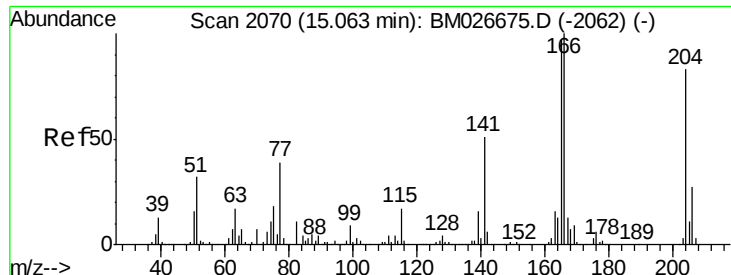
mohammad
 7/9/2020 10:56:32 AM



#60
 Diethylphthalate
 Concen: 3.375 ng
 RT: 14.85 min Scan# 2034
 Delta R.T. -0.01 min
 Lab File: BM026683.D
 Acq: 07 Jul 2020 18:48

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.6	17.8	26.6
150	12.0	10.2	15.4





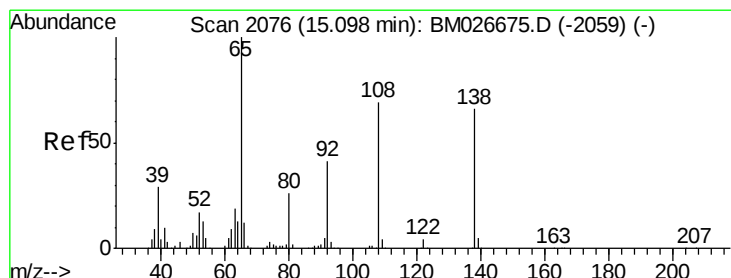
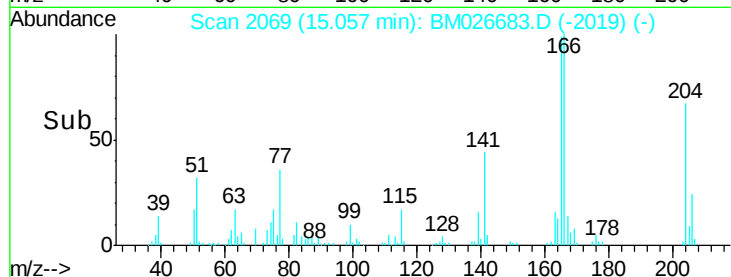
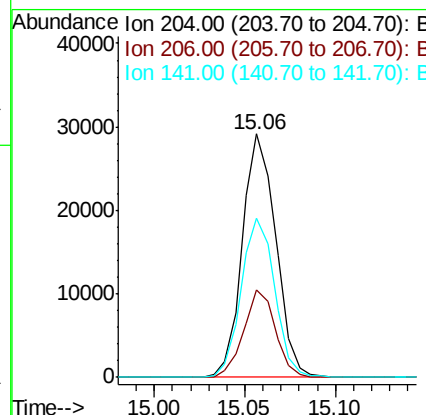
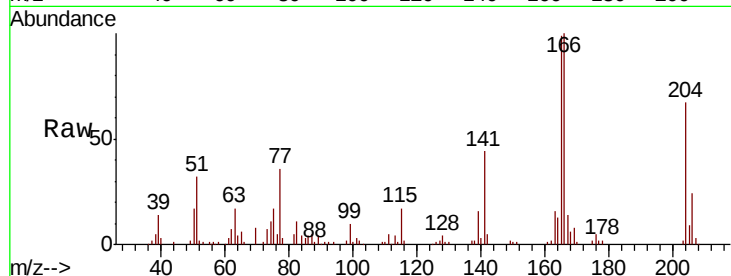
#61
4-Chlorophenyl-phenylether
Concen: 3.249 ng
RT: 15.06 min Scan# 2069
Delta R.T. -0.01 min
Lab File: BM026683.D
Acq: 07 Jul 2020 18:48

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2020

Tot Ion	Ratio	Lower	Upper
204	100		
206	36.2	25.9	38.9
141	65.5	49.5	74.3

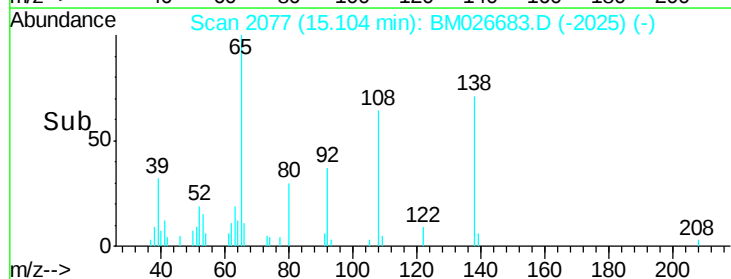
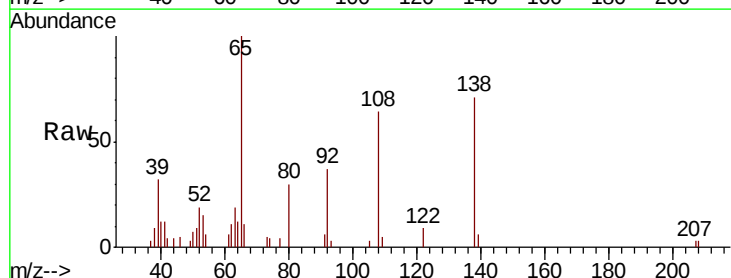
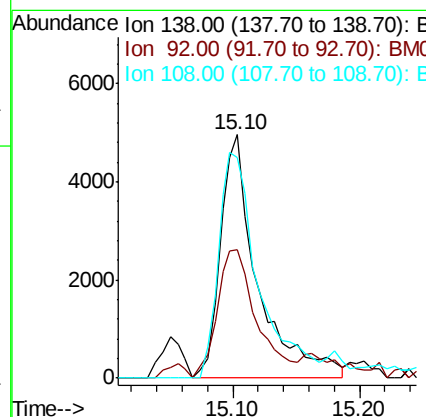
Manual Integrations
APPROVED

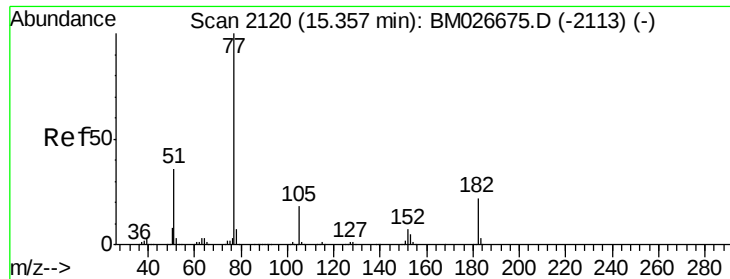
mohammad
7/9/2020 10:56:32 AM



#62
4-Nitroaniline
Concen: 2.013 ng
RT: 15.10 min Scan# 2077
Delta R.T. 0.01 min
Lab File: BM026683.D
Acq: 07 Jul 2020 18:48

Tgt Ion	Ratio	Lower	Upper
138	100		
92	52.9	41.5	81.5
108	90.4	84.8	124.8





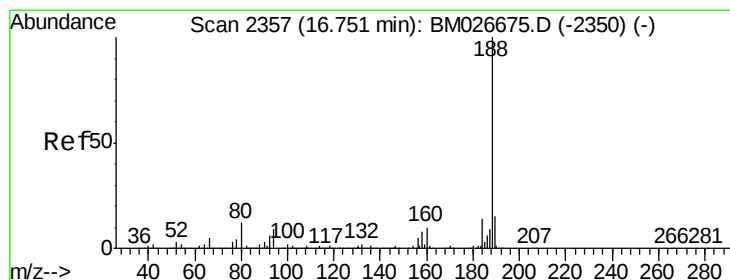
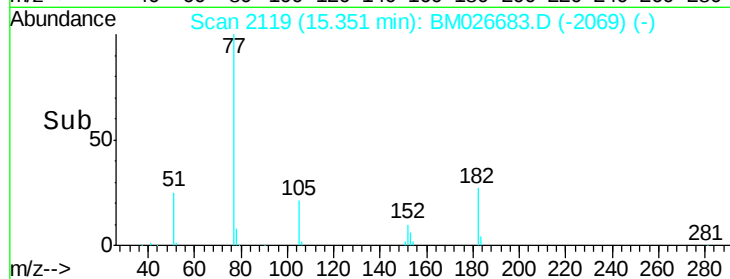
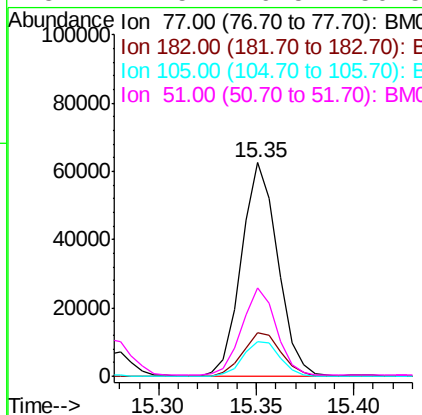
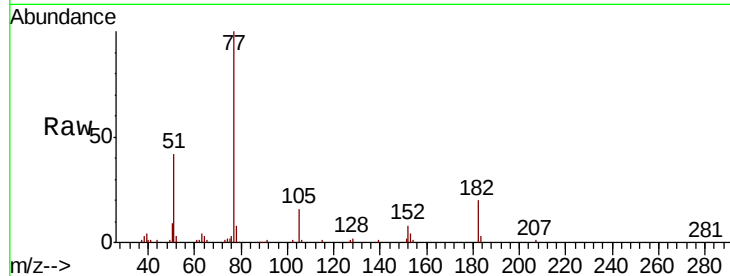
#63
Azobenzene
Concen: 3.221 ng
RT: 15.35 min Scan# 2119
Delta R.T. -0.01 min
Lab File: BM026683.D
Acq: 07 Jul 2020 18:48

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2020

Tot Ion	Ratio	Lower	Upper
77	100		
182	20.5	1.6	41.6
105	16.1	0.0	37.8
51	41.5	16.5	56.5

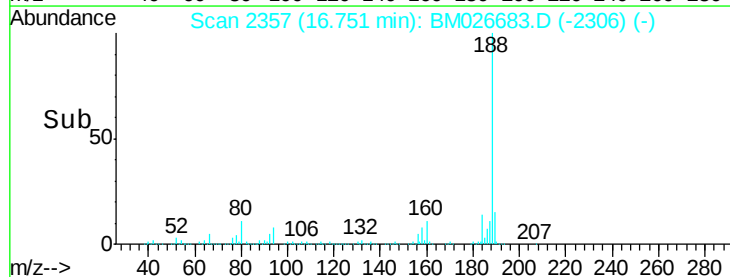
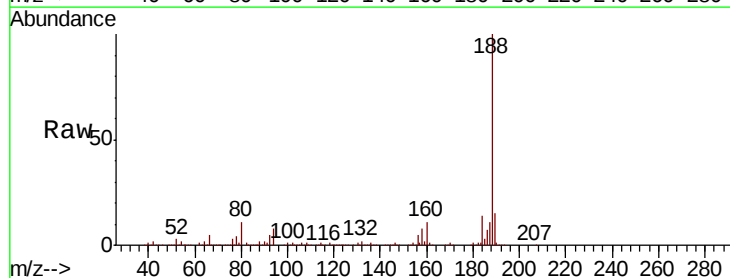
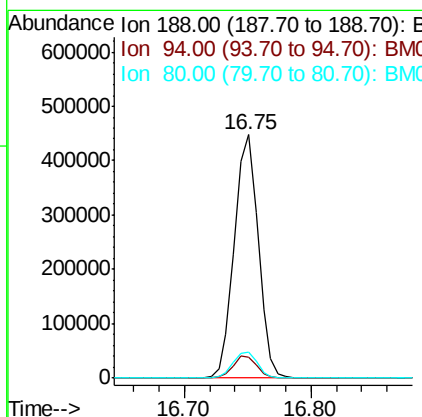
Manual Integrations
APPROVED

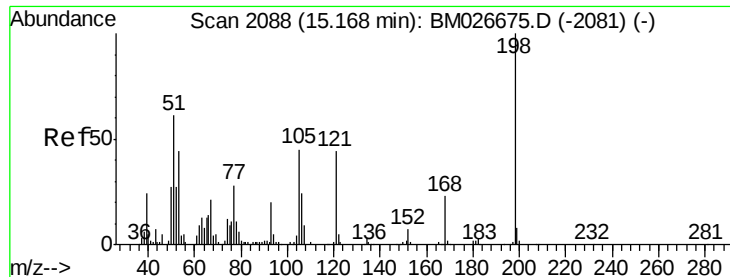
mohammad
7/9/2020 10:56:32 AM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.75 min Scan# 2357
Delta R.T. -0.00 min
Lab File: BM026683.D
Acq: 07 Jul 2020 18:48

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.4	7.4	11.0
80	10.7	9.3	13.9





#65

4,6-Dinitro-2-methylphenol

Concen: 2.001 ng

RT: 15.17 min Scan# 2088

Delta R.T. 0.00 min

Lab File: BM026683.D

Acq: 07 Jul 2020 18:48

Instrument :

BNA_M

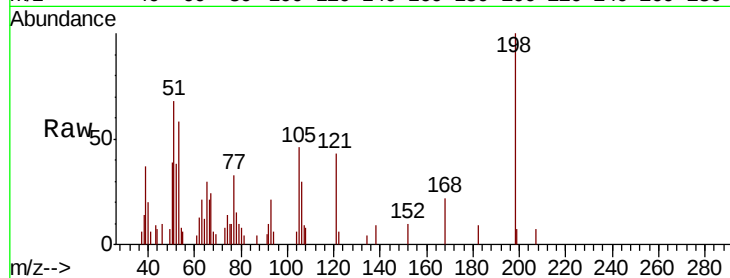
ClientSampleId :

LOD-MDL-SOIL-01-QT2-2020

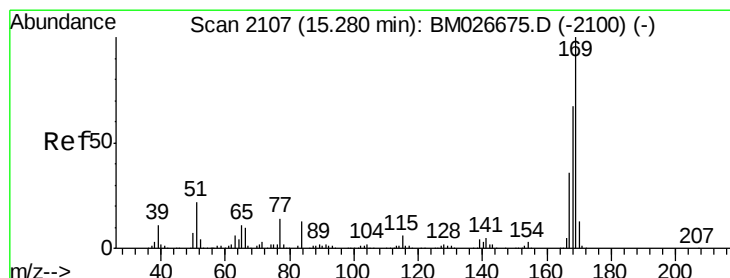
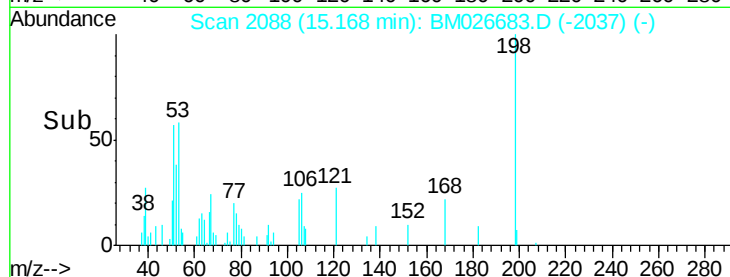
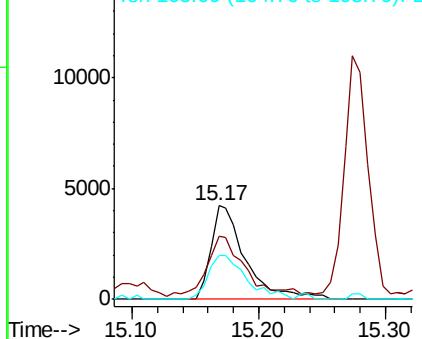
Tot Ion:	198	Resp:	7955
Ion Ratio	Lower	Upper	
198	100		
51	68.0	42.0	82.0
105	46.5	24.9	64.9

Manual Integrations
APPROVED

mohammad
7/9/2020 10:56:32 AM



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BM
Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 3.391 ng

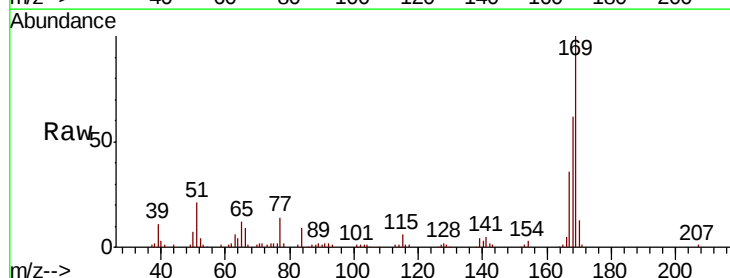
RT: 15.28 min Scan# 2107

Delta R.T. -0.00 min

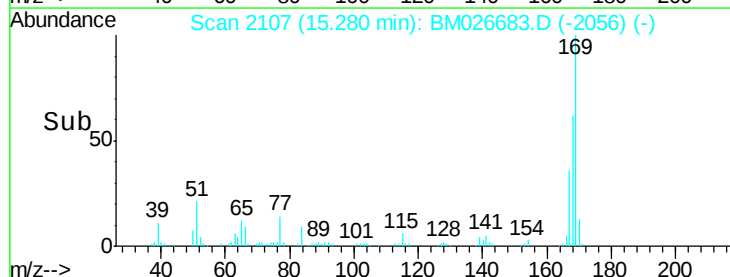
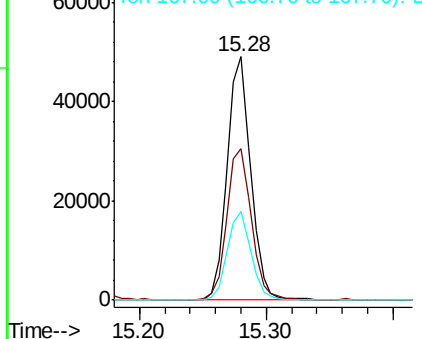
Lab File: BM026683.D

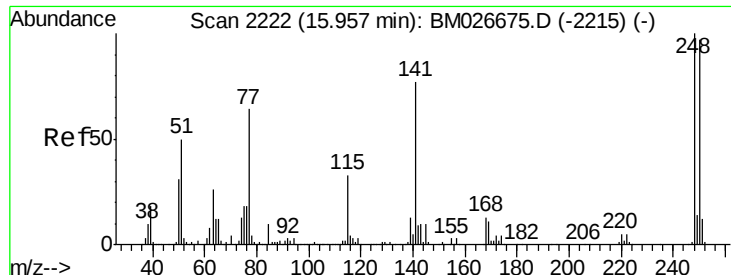
Acq: 07 Jul 2020 18:48

Tgt Ion:	169	Resp:	63023
Ion Ratio	Lower	Upper	
169	100		
168	62.1	53.8	80.8
167	36.5	28.6	43.0



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E





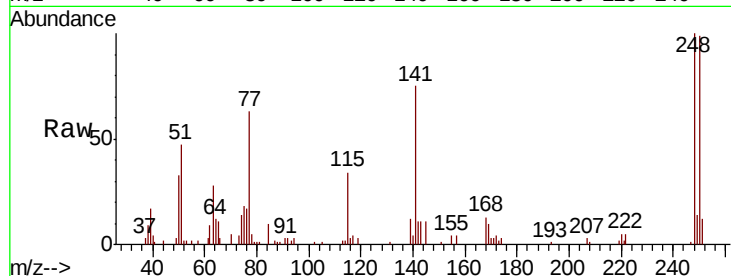
#67
 4-Bromophenyl-phenylether
 Concen: 3.202 ng
 RT: 15.96 min Scan# 2222
 Delta R.T. -0.00 min
 Lab File: BM026683.D
 Acq: 07 Jul 2020 18:48

Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-SOIL-01-QT2-2020

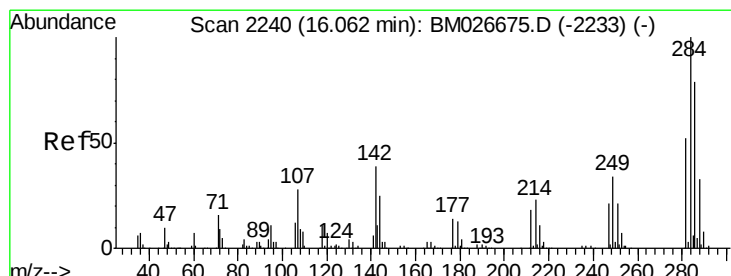
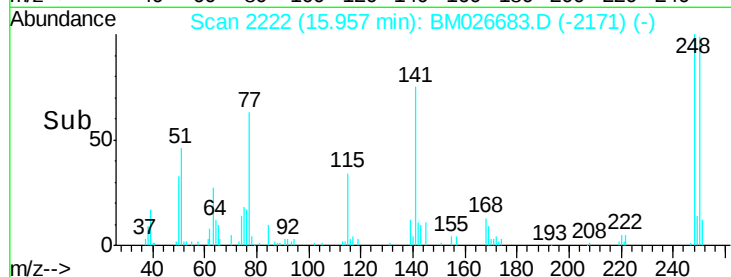
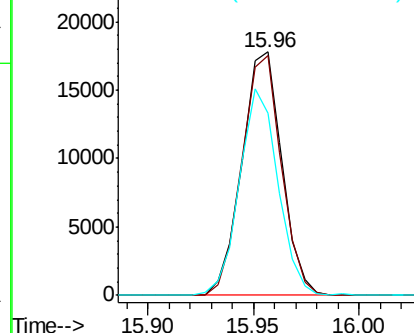
Tot Ion	Ratio	Lower	Upper
248	100		
250	98.7	77.4	116.2
141	74.7	61.9	92.9

Manual Integrations
 APPROVED

mohammad
 7/9/2020 10:56:32 AM



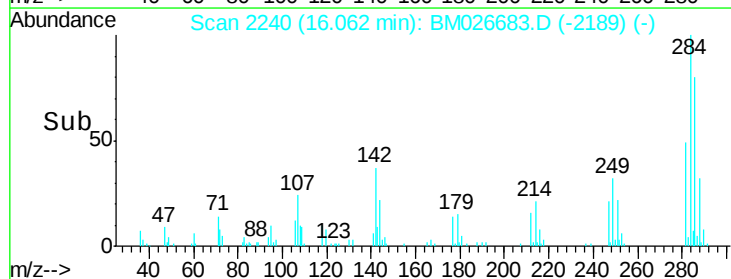
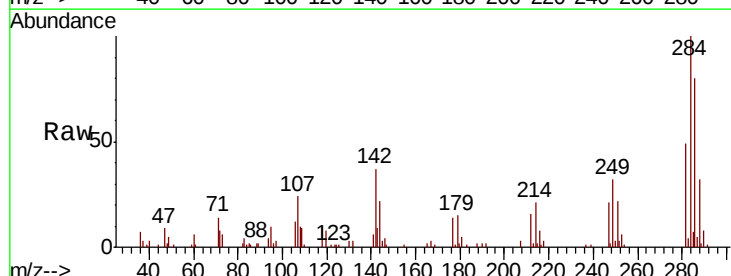
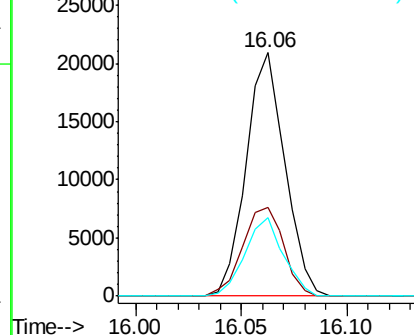
Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

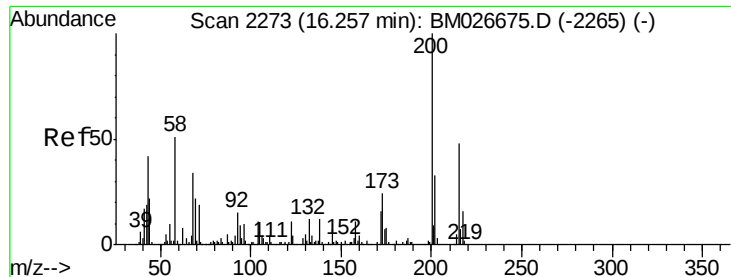


#68
 Hexachlorobenzene
 Concen: 3.478 ng
 RT: 16.06 min Scan# 2240
 Delta R.T. -0.00 min
 Lab File: BM026683.D
 Acq: 07 Jul 2020 18:48

Tgt Ion	Ratio	Lower	Upper
284	100		
142	36.5	31.1	46.7
249	32.1	27.4	41.0

Abundance Ion 283.80 (283.50 to 284.50): E
 Ion 142.00 (141.70 to 142.70): E
 Ion 249.00 (248.70 to 249.70): E





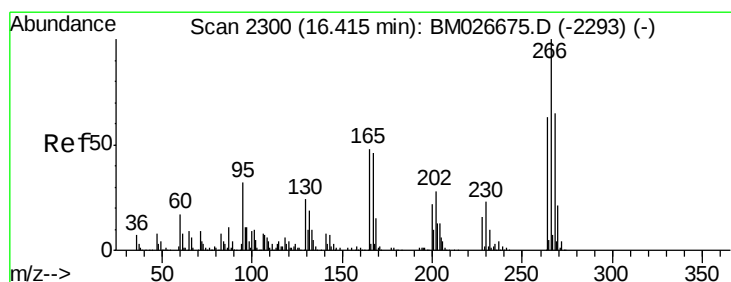
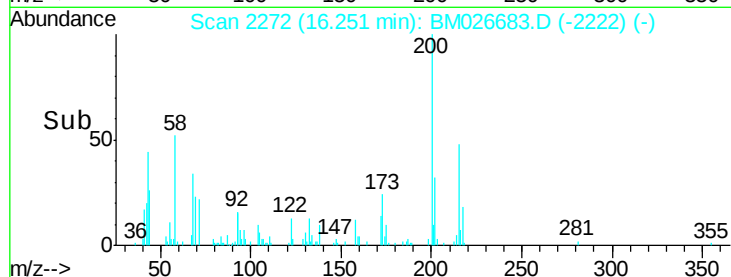
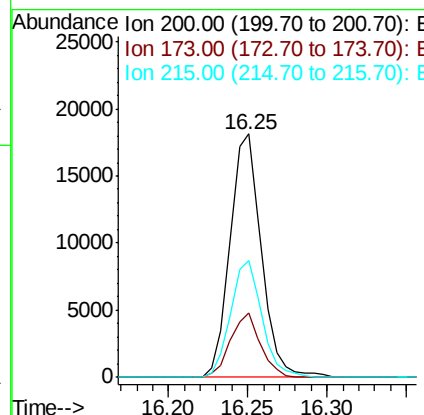
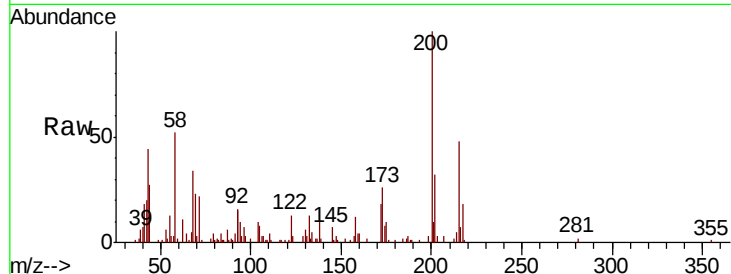
#69
Atrazine
Concen: 4.437 ng
RT: 16.25 min Scan# 2272
Delta R.T. -0.01 min
Lab File: BM026683.D
Acq: 07 Jul 2020 18:48

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2020

Tot Ion	Ratio	Resp	Lower	Upper
200	100	24798		
173	26.2		4.5	44.5
215	48.0		28.4	68.4

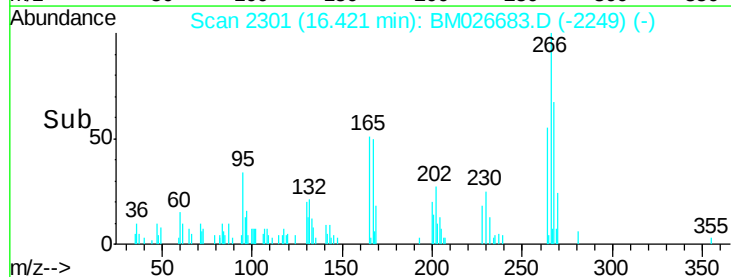
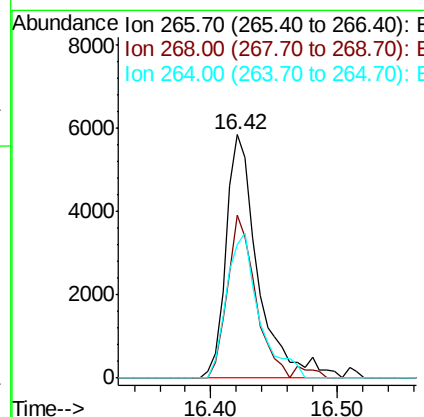
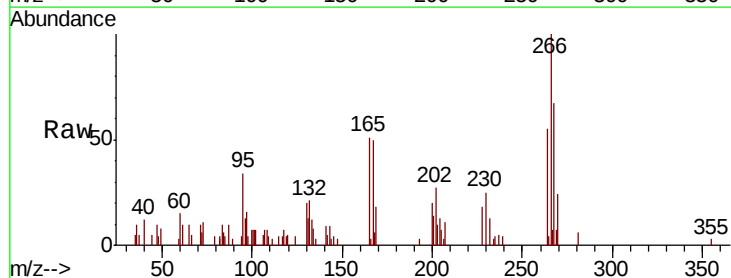
Manual Integrations
APPROVED

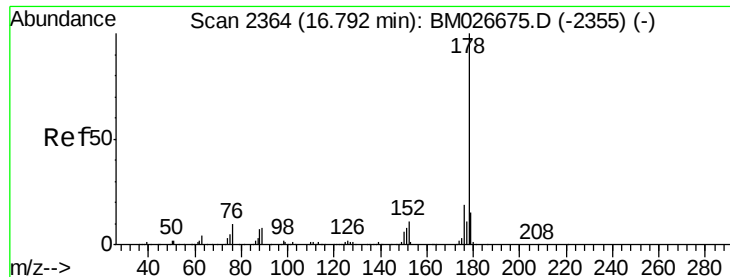
mohammad
7/9/2020 10:56:32 AM



#70
Pentachlorophenol
Concen: 2.358 ng
RT: 16.42 min Scan# 2301
Delta R.T. 0.01 min
Lab File: BM026683.D
Acq: 07 Jul 2020 18:48

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	10221		
268	67.2		51.8	77.6
264	58.2		50.1	75.1





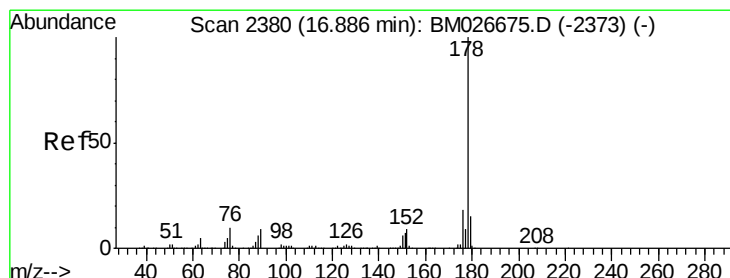
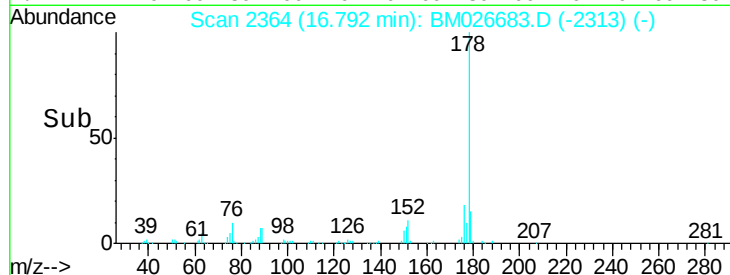
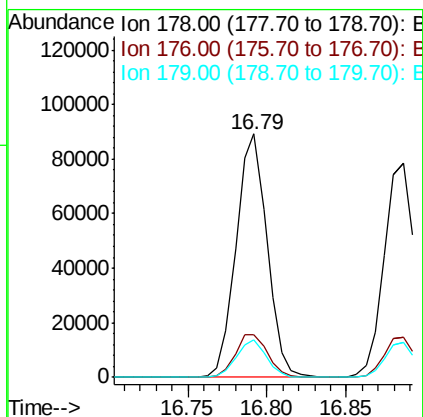
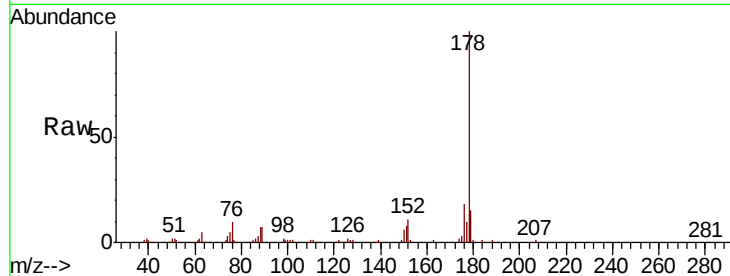
#71
Phenanthrene
Concen: 3.495 ng
RT: 16.79 min Scan# 2364
Delta R.T. -0.00 min
Lab File: BM026683.D
Acq: 07 Jul 2020 18:48

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2020

Tot Ion	Ratio	Lower	Upper
178	100		
176	17.7	15.0	22.6
179	15.3	12.1	18.1

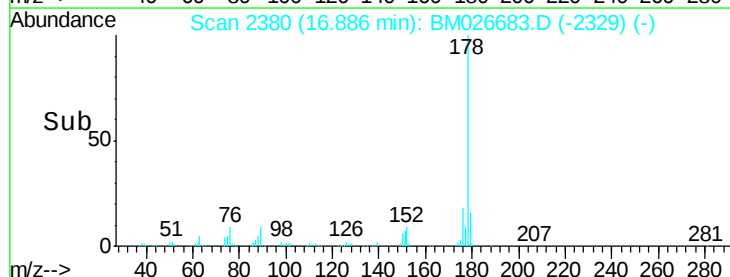
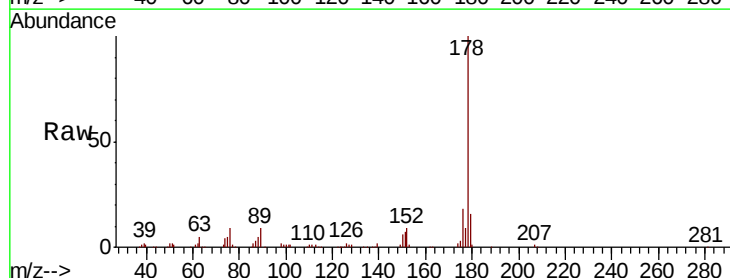
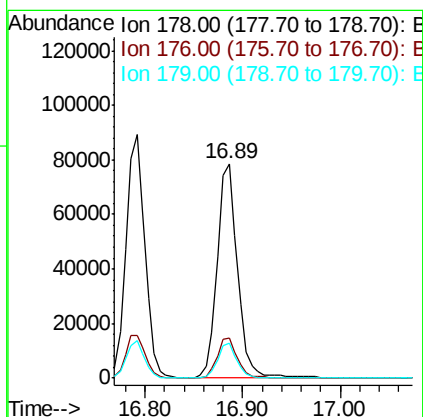
Manual Integrations
APPROVED

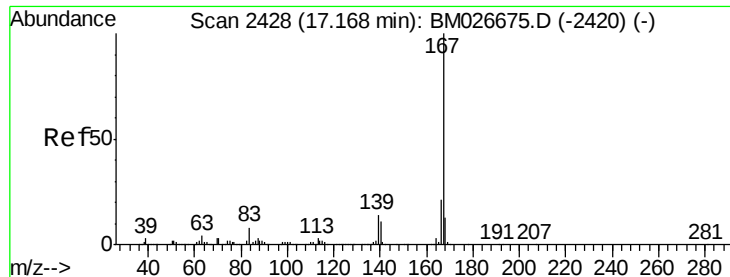
mohammad
7/9/2020 10:56:32 AM



#72
Anthracene
Concen: 3.322 ng
RT: 16.89 min Scan# 2380
Delta R.T. -0.00 min
Lab File: BM026683.D
Acq: 07 Jul 2020 18:48

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.5	14.7	22.1
179	16.1	12.1	18.1





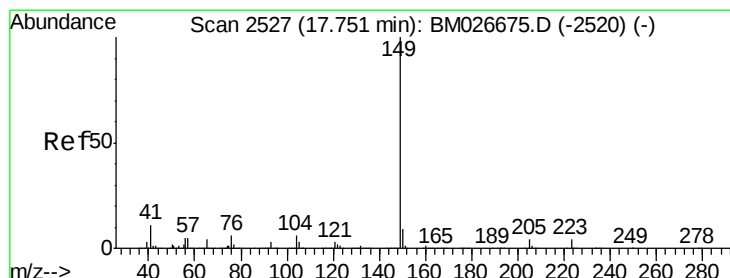
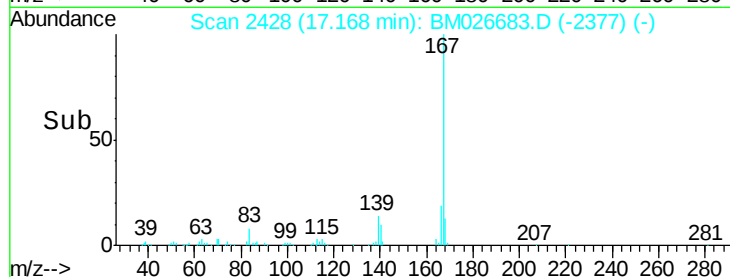
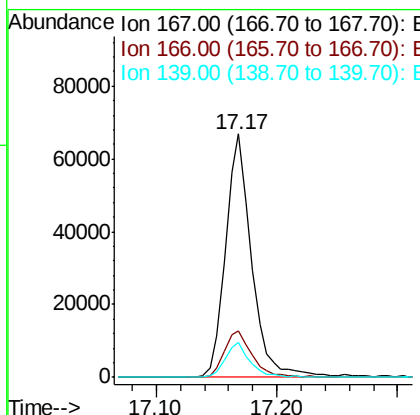
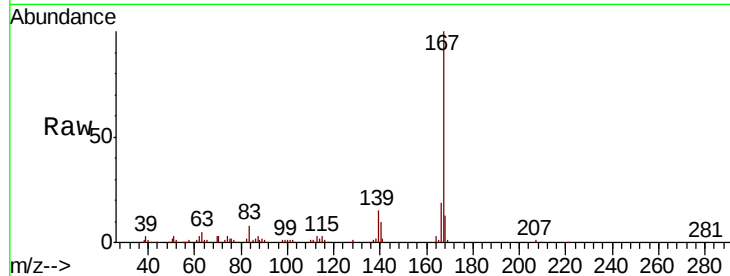
#73
 Carbazole
 Concen: 3.049 ng
 RT: 17.17 min Scan# 2428
 Delta R.T. -0.00 min
 Lab File: BM026683.D
 Acq: 07 Jul 2020 18:48

Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-SOIL-01-QT2-2020

Tot Ion	Ion	Ratio	Resp	Lower	Upper
167	100		99922		
166	19.2	16.9	25.3		
139	14.5	10.8	16.2		

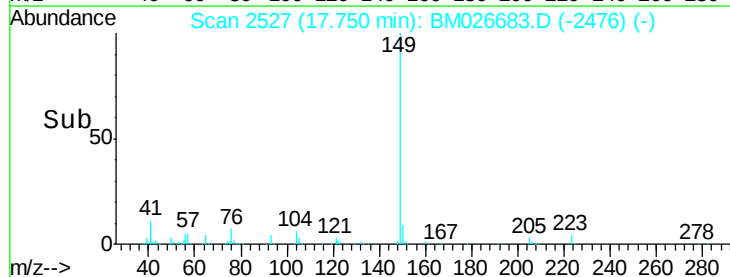
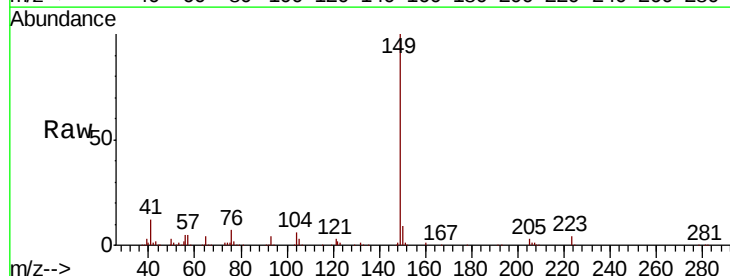
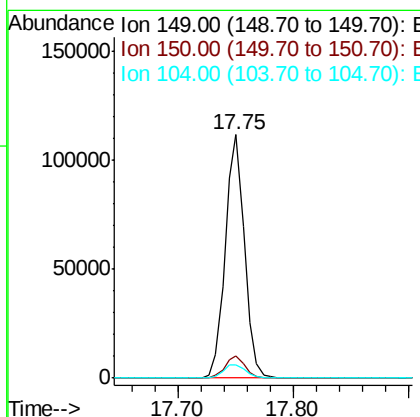
Manual Integrations
 APPROVED

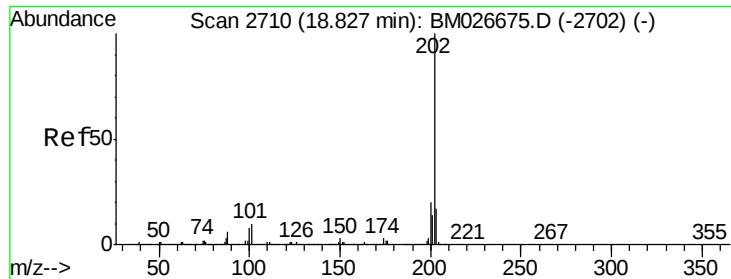
mohammad
 7/9/2020 10:56:32 AM



#74
 Di-n-butylphthalate
 Concen: 3.107 ng
 RT: 17.75 min Scan# 2527
 Delta R.T. -0.00 min
 Lab File: BM026683.D
 Acq: 07 Jul 2020 18:48

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100		128001		
150	8.9	7.3	10.9		
104	5.7	5.0	7.4		





#75

Fluoranthene

Concen: 3.412 ng

RT: 18.82 min Scan# 2709

Delta R.T. -0.01 min

Lab File: BM026683.D

Acq: 07 Jul 2020 18:48

Instrument :

BNA_M

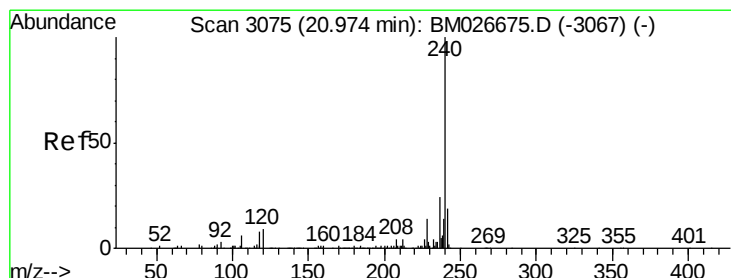
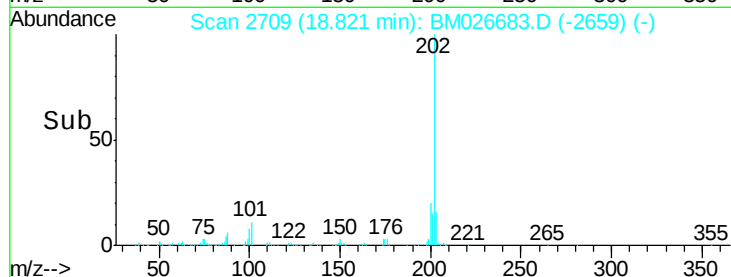
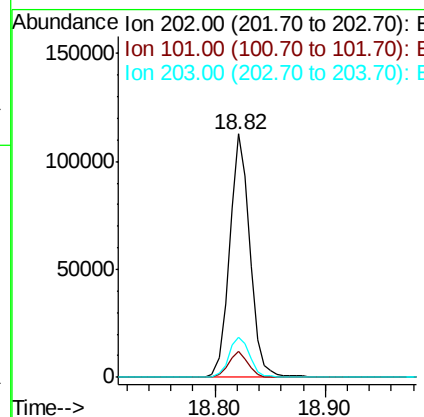
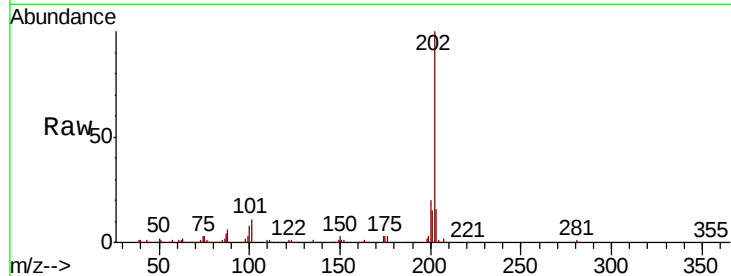
ClientSampleId :

LOD-MDL-SOIL-01-QT2-2020

Tot Ion	Ratio	Resp	Lower	Upper
202	100	145104		
101	10.6	0.0	30.1	
203	16.5	0.0	37.2	

Manual Integrations
APPROVED

mohammad
7/9/2020 10:56:32 AM



#76

Chrysene-d12

Concen: 20.000 ng

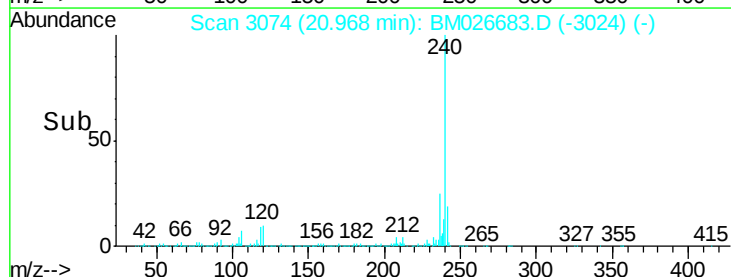
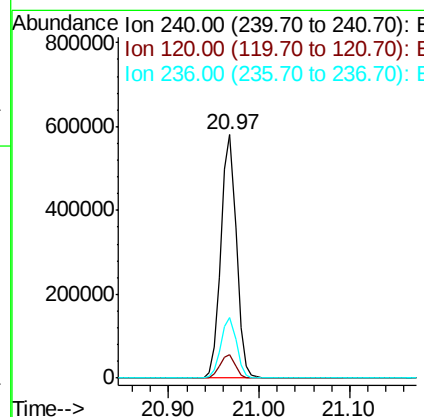
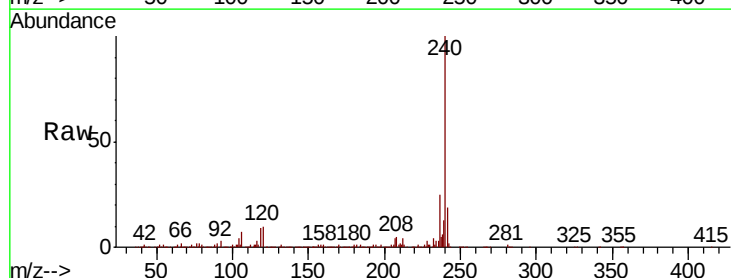
RT: 20.97 min Scan# 3074

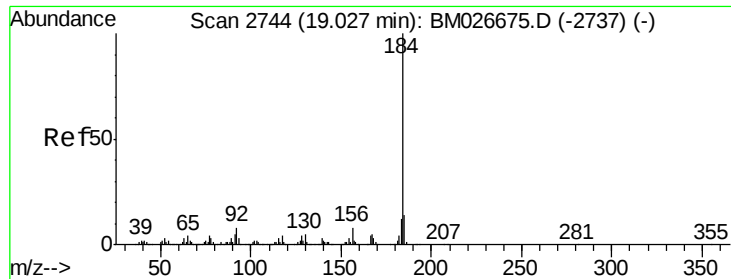
Delta R.T. -0.01 min

Lab File: BM026683.D

Acq: 07 Jul 2020 18:48

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	684918		
120	9.6	7.3	10.9	
236	25.0	19.4	29.2	





#77

Benzidine

Concen: 3.957 ng

RT: 19.03 min Scan# 2744

Delta R.T. -0.00 min

Lab File: BM026683.D

Acq: 07 Jul 2020 18:48

Instrument :

BNA_M

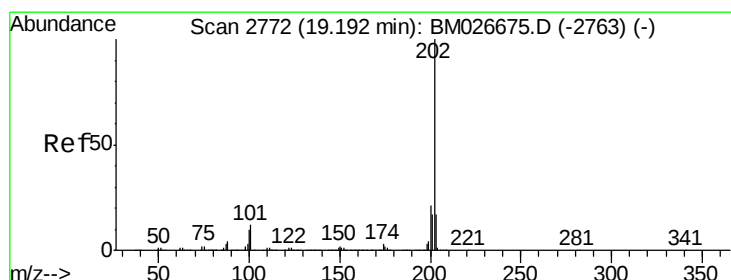
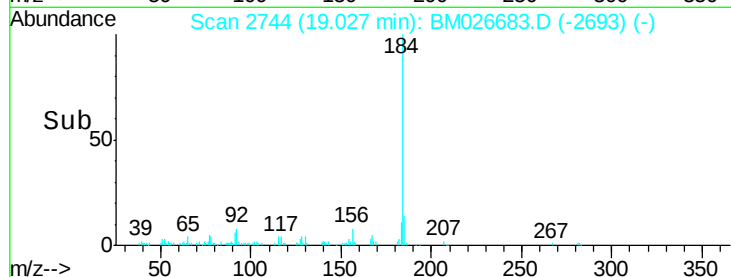
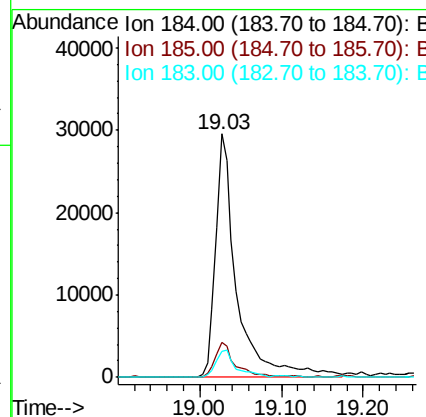
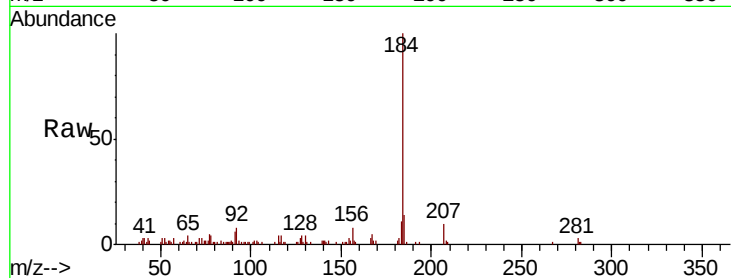
ClientSampleId :

LOD-MDL-SOIL-01-QT2-2020

Tot Ion:	184	Resp:	53437
Ion Ratio	Lower	Upper	
184	100		
185	14.3	10.9	16.3
183	10.5	9.3	13.9

Manual Integrations
APPROVED

mohammad
7/9/2020 10:56:32 AM



#78

Pyrene

Concen: 3.547 ng

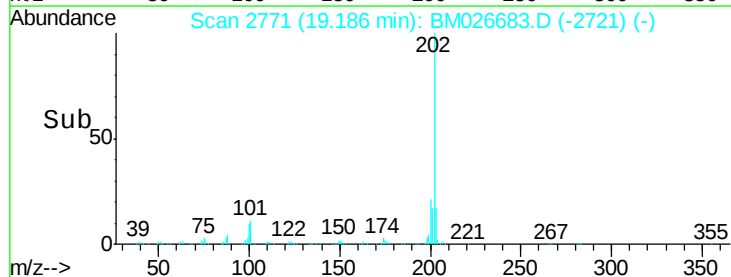
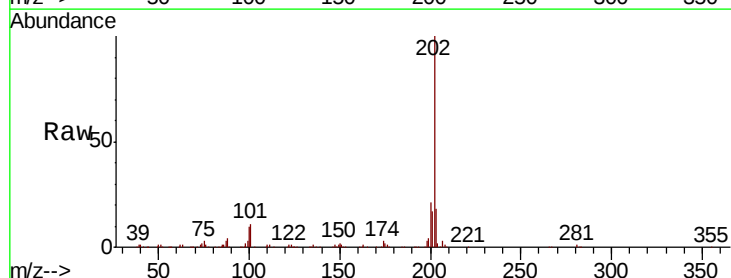
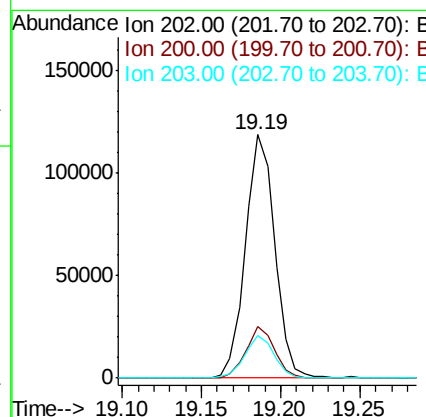
RT: 19.19 min Scan# 2771

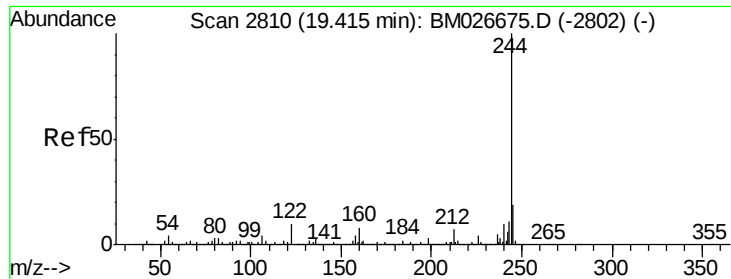
Delta R.T. -0.01 min

Lab File: BM026683.D

Acq: 07 Jul 2020 18:48

Tgt Ion:	202	Resp:	153055
Ion Ratio	Lower	Upper	
202	100		
200	21.3	16.6	24.8
203	17.6	13.7	20.5





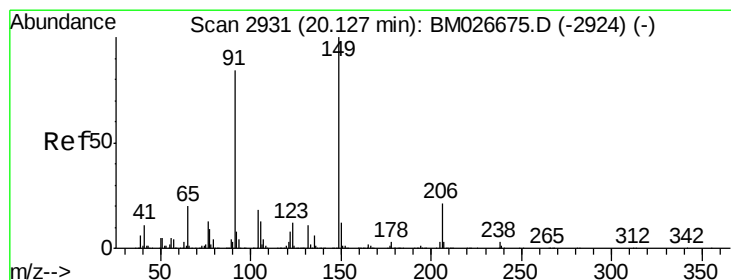
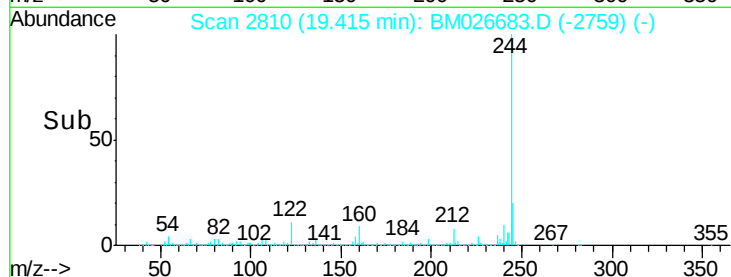
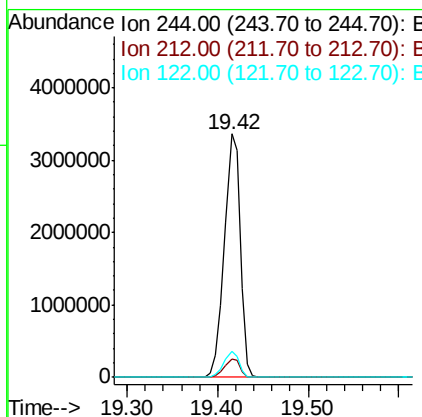
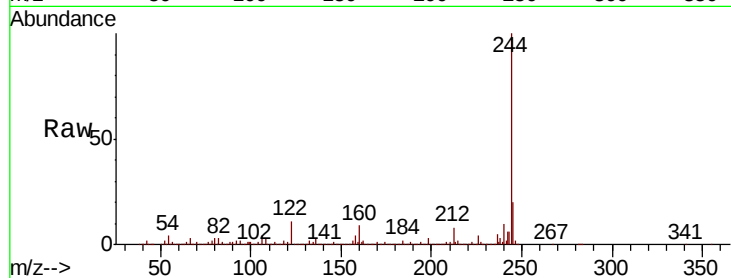
#79
 Terphenyl-d14
 Concen: 116.366 ng
 RT: 19.42 min Scan# 2810
 Delta R.T. -0.00 min
 Lab File: BM026683.D
 Acq: 07 Jul 2020 18:48

Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-SOIL-01-QT2-2020

Tot Ion:244 Resp: 4049829
 Ion Ratio Lower Upper
 244 100
 212 7.7 5.9 8.9
 122 10.8 8.2 12.4

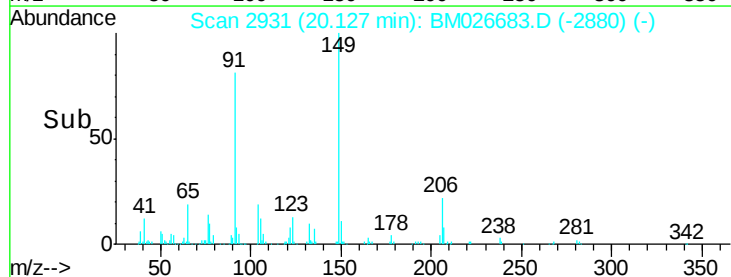
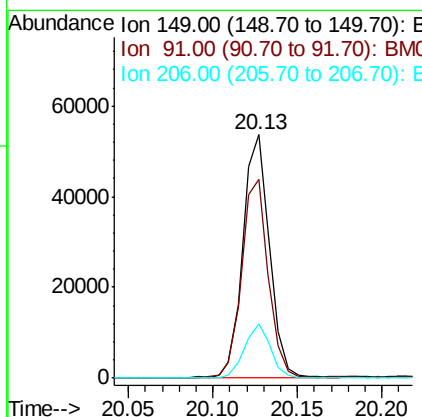
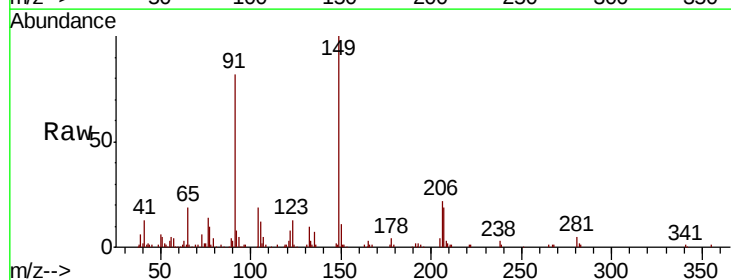
Manual Integrations
 APPROVED

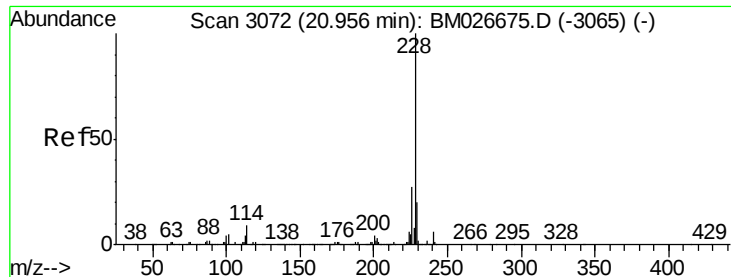
mohammad
 7/9/2020 10:56:32 AM



#80
 Butylbenzylphthalate
 Concen: 3.018 ng
 RT: 20.13 min Scan# 2931
 Delta R.T. -0.00 min
 Lab File: BM026683.D
 Acq: 07 Jul 2020 18:48

Tgt Ion:149 Resp: 58427
 Ion Ratio Lower Upper
 149 100
 91 81.7 67.6 101.4
 206 22.4 16.7 25.1





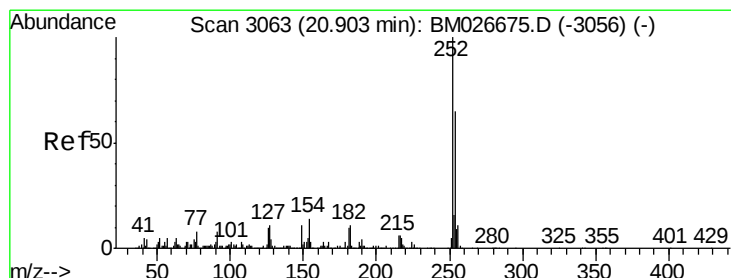
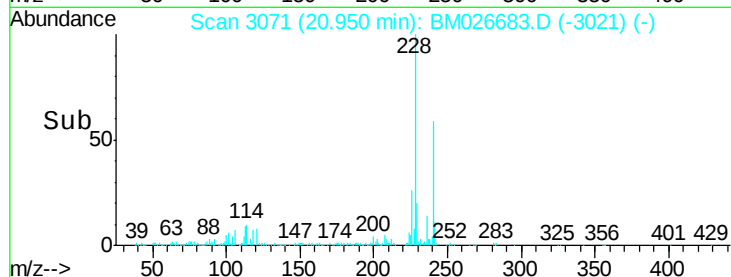
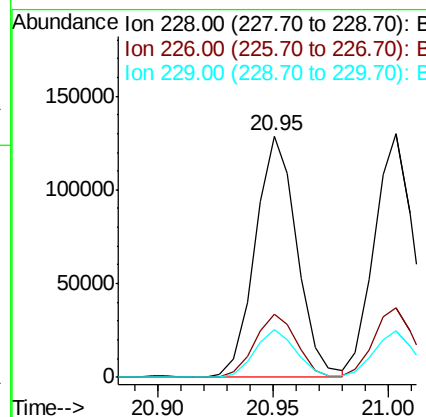
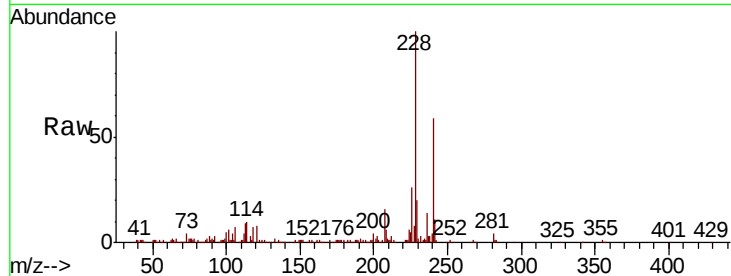
#81
Benzo(a)anthracene
Concen: 3.523 ng
RT: 20.95 min Scan# 3071
Delta R.T. -0.01 min
Lab File: BM026683.D
Acq: 07 Jul 2020 18:48

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2020

Tot Ion	Ratio	Lower	Upper
228	100		
226	26.3	21.4	32.2
229	19.8	15.6	23.4

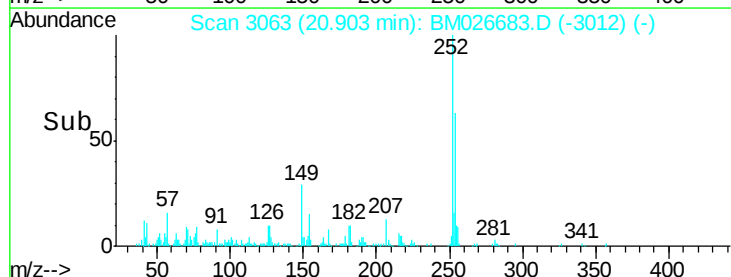
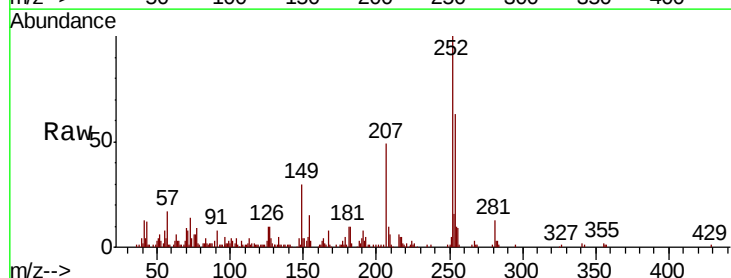
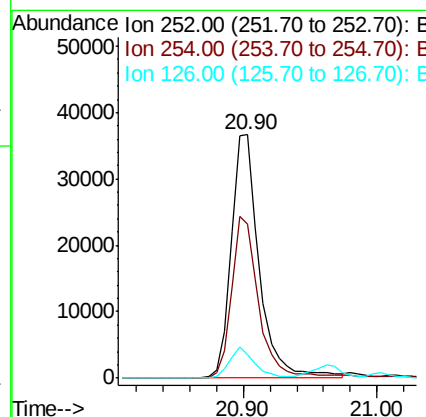
Manual Integrations
APPROVED

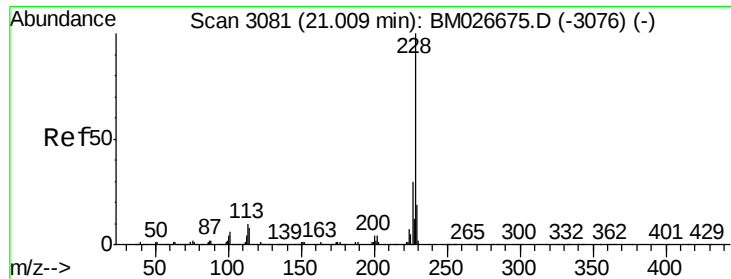
mohammad
7/9/2020 10:56:32 AM



#82
3,3'-Dichlorobenzidine
Concen: 3.692 ng
RT: 20.90 min Scan# 3063
Delta R.T. -0.00 min
Lab File: BM026683.D
Acq: 07 Jul 2020 18:48

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.0	51.9	77.9
126	9.7	8.2	12.2





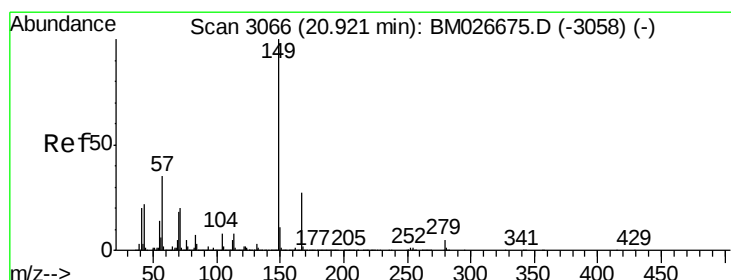
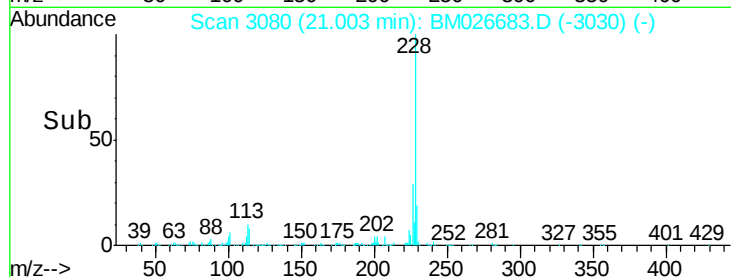
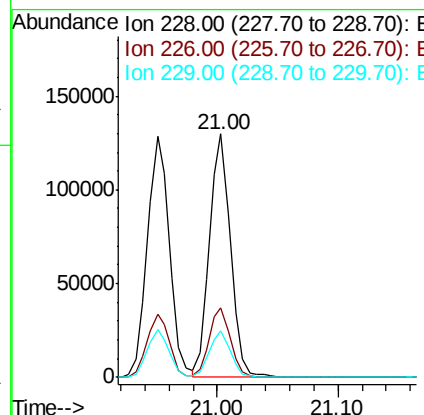
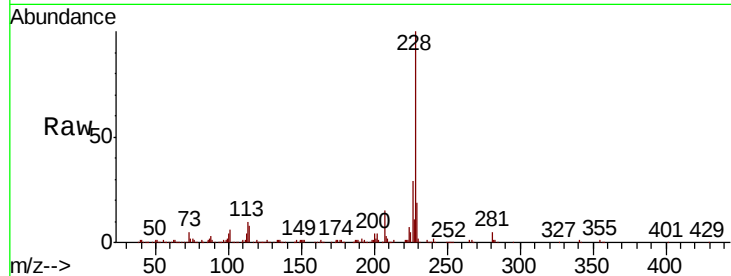
#83
Chrysene
Concen: 3.481 ng
RT: 21.00 min Scan# 3080
Delta R.T. -0.01 min
Lab File: BM026683.D
Acq: 07 Jul 2020 18:48

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2020

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.7	23.7	35.5
229	19.0	15.4	23.0

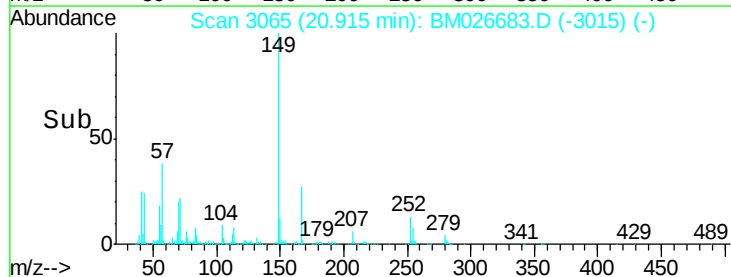
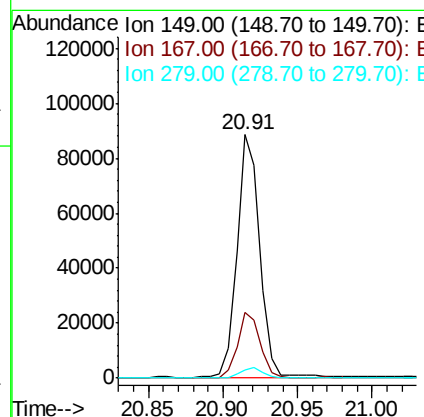
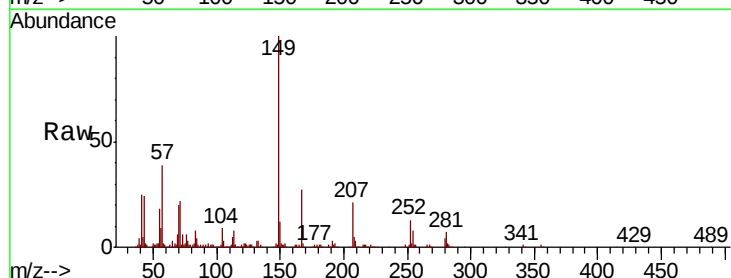
Manual Integrations
APPROVED

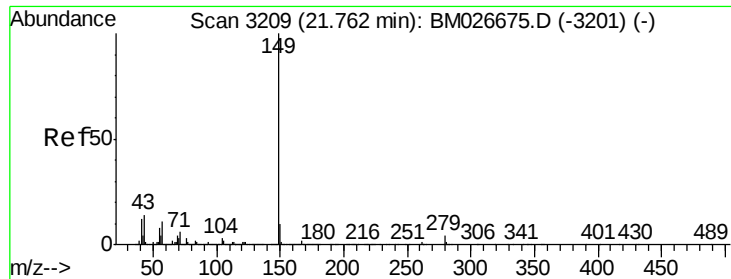
mohammad
7/9/2020 10:56:32 AM



#84
Bis(2-ethylhexyl)phthalate
Concen: 3.044 ng
RT: 20.91 min Scan# 3065
Delta R.T. -0.01 min
Lab File: BM026683.D
Acq: 07 Jul 2020 18:48

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.1	21.9	32.9
279	3.5	3.7	5.5#





#85

Di-n-octyl phthalate

Concen: 2.931 ng

RT: 21.76 min Scan# 3209

Delta R.T. -0.00 min

Lab File: BM026683.D

Acq: 07 Jul 2020 18:48

Instrument :

BNA_M

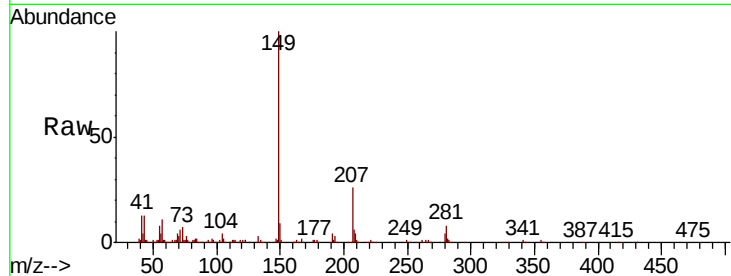
ClientSampleId :

LOD-MDL-SOIL-01-QT2-2020

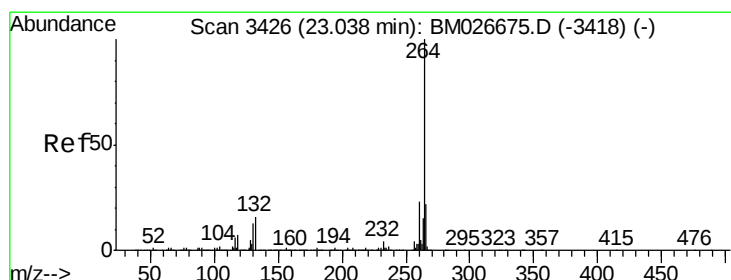
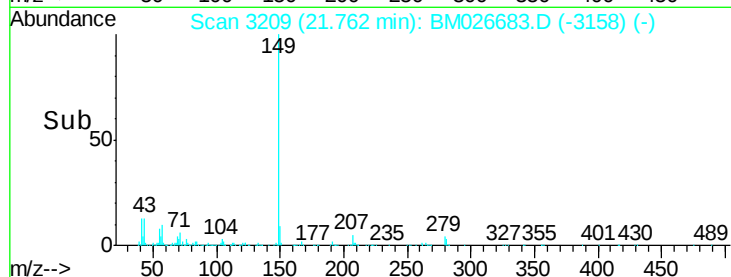
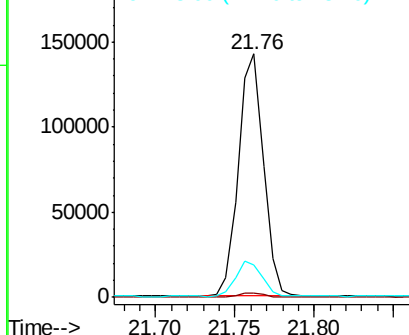
Tot Ion:	149	Resp:	155417
Ion Ratio	Lower	Upper	
149	100		
167	1.8	1.3	1.9
43	15.7	11.2	16.8

Manual Integrations
APPROVED

mohammad
7/9/2020 10:56:32 AM



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BM



#86

Perylene-d12

Concen: 20.000 ng

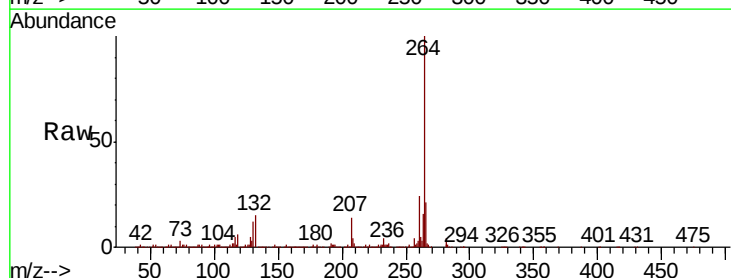
RT: 23.04 min Scan# 3426

Delta R.T. -0.00 min

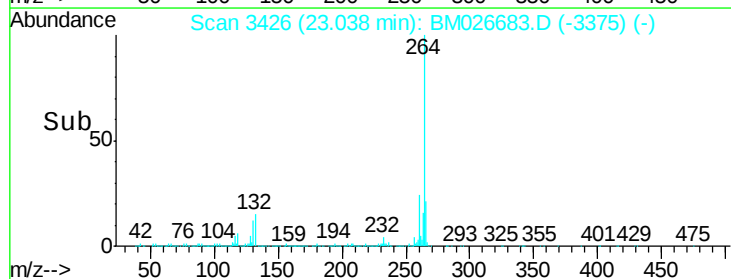
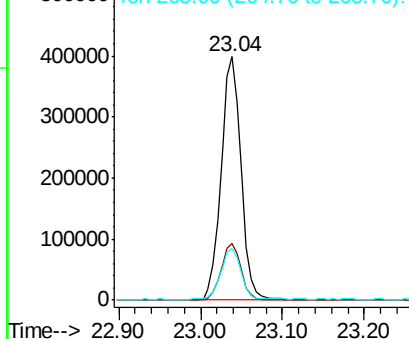
Lab File: BM026683.D

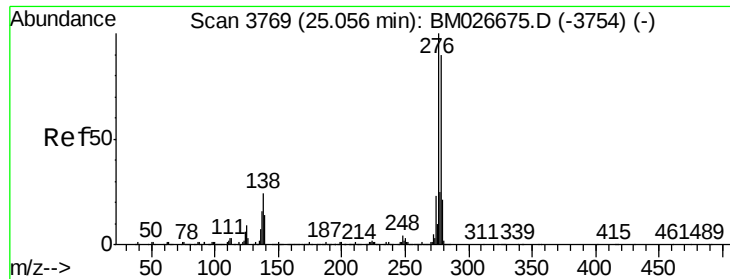
Acq: 07 Jul 2020 18:48

Tgt Ion:	264	Resp:	672673
Ion Ratio	Lower	Upper	
264	100		
260	23.6	18.2	27.2
265	21.1	17.6	26.4



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





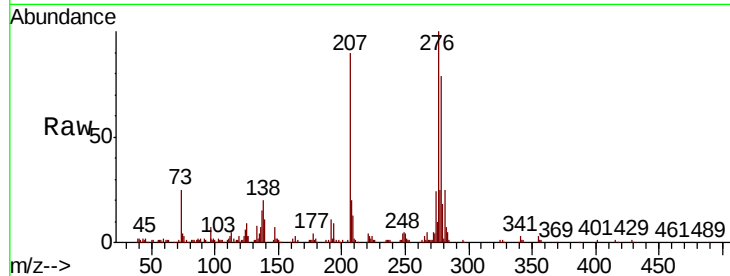
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 3.275 ng
 RT: 25.04 min Scan# 3767
 Delta R.T. -0.01 min
 Lab File: BM026683.D
 Acq: 07 Jul 2020 18:48

Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-SOIL-01-QT2-2020

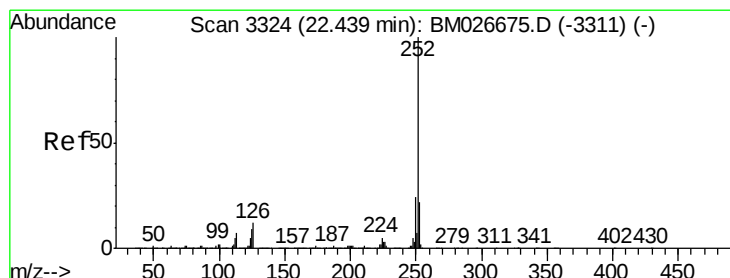
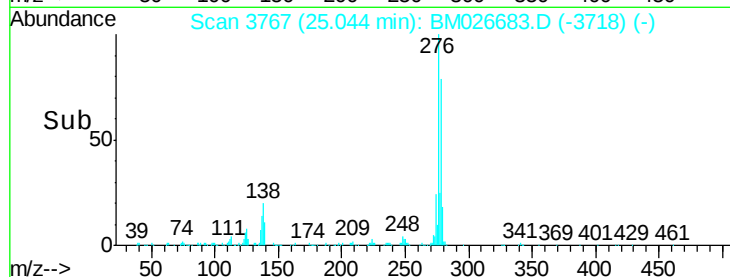
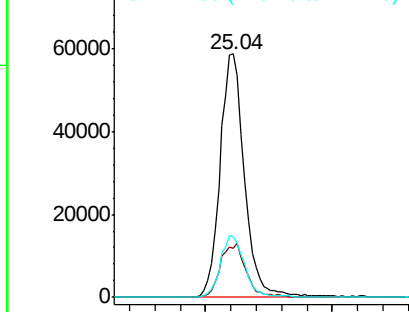
Tot Ion	Ratio	Lower	Upper
276	100		
138	22.6	18.4	27.6
277	25.2	20.0	30.0

Manual Integrations
 APPROVED

mohammad
 7/9/2020 10:56:32 AM



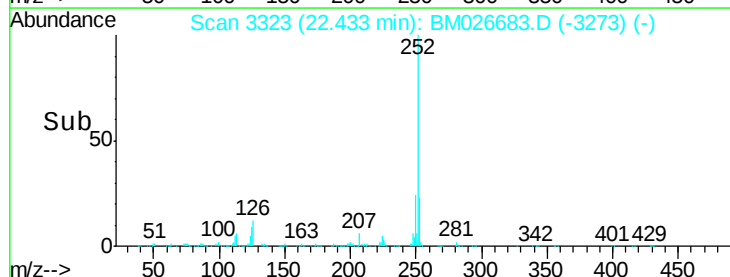
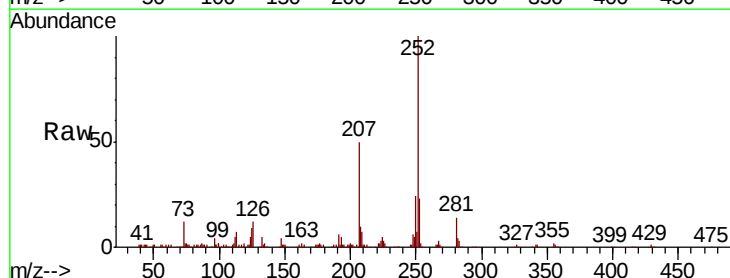
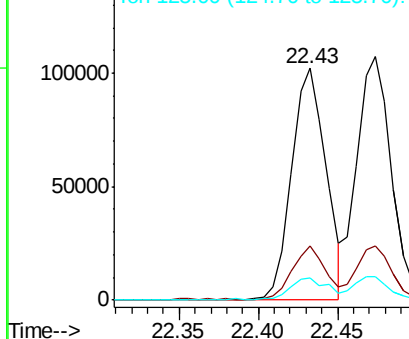
Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

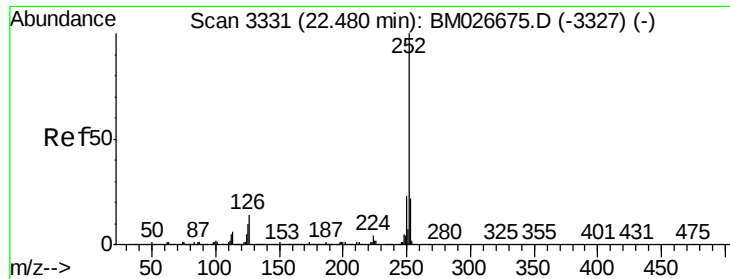


#88
 Benzo(b)fluoranthene
 Concen: 3.454 ng
 RT: 22.43 min Scan# 3323
 Delta R.T. -0.01 min
 Lab File: BM026683.D
 Acq: 07 Jul 2020 18:48

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.5	26.3
125	9.4	7.5	11.3

Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 253.00 (252.70 to 253.70): E
 Ion 125.00 (124.70 to 125.70): E





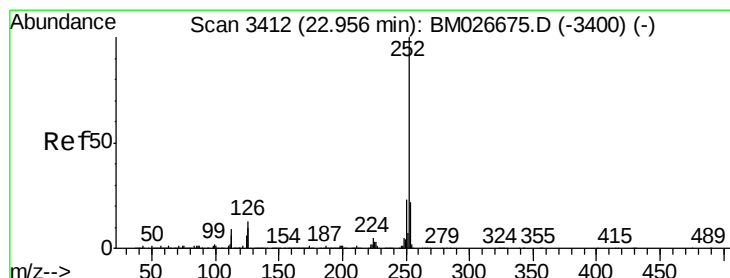
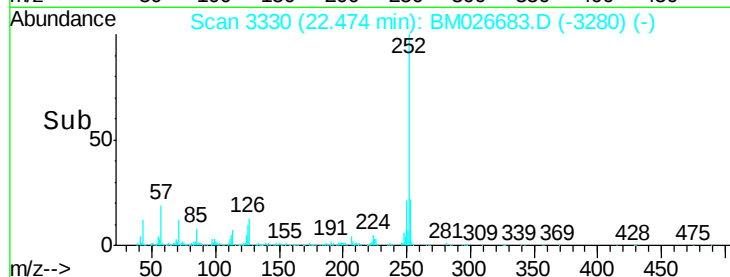
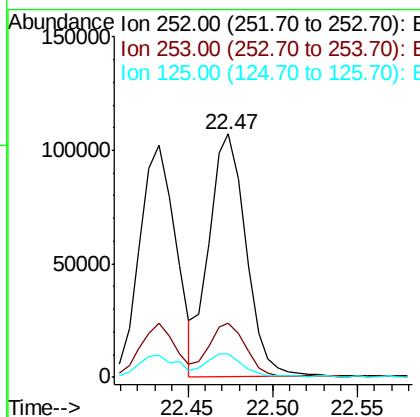
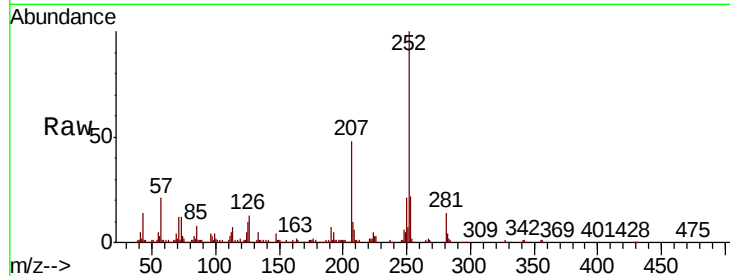
#89
Benzo(k)fluoranthene
Concen: 3.720 ng
RT: 22.47 min Scan# 3330
Delta R.T. -0.01 min
Lab File: BM026683.D
Acq: 07 Jul 2020 18:48

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2020

Tot Ion	Ratio	Resp	Lower	Upper
252	100	161710		
253	22.1		17.5	26.3
125	9.8		7.8	11.8

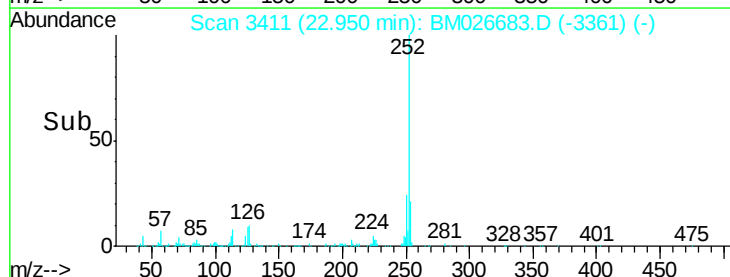
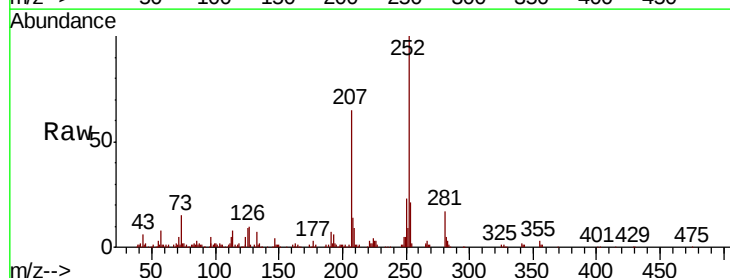
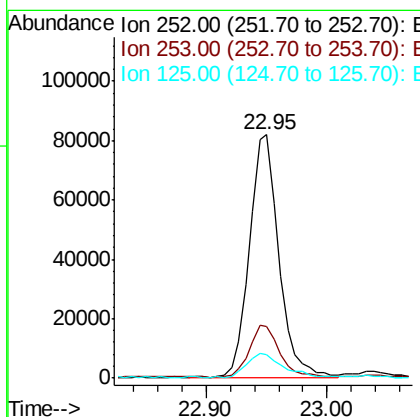
Manual Integrations
APPROVED

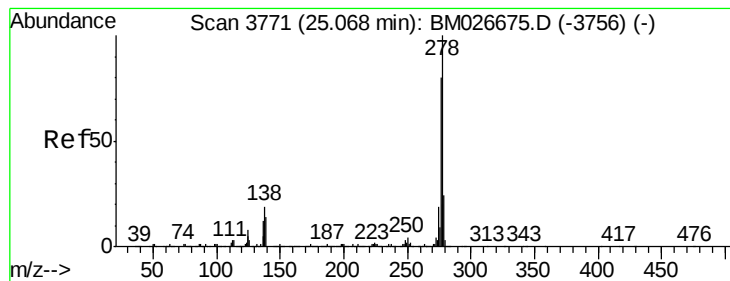
mohammad
7/9/2020 10:56:32 AM



#90
Benzo(a)pyrene
Concen: 3.390 ng
RT: 22.95 min Scan# 3411
Delta R.T. -0.01 min
Lab File: BM026683.D
Acq: 07 Jul 2020 18:48

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	139503		
253	21.4		17.4	26.2
125	9.4		8.2	12.4





#91

Dibenzo(a,h)anthracene

Concen: 3.264 ng

RT: 25.05 min Scan# 3768

Delta R.T. -0.02 min

Lab File: BM026683.D

Acq: 07 Jul 2020 18:48

Instrument :

BNA_M

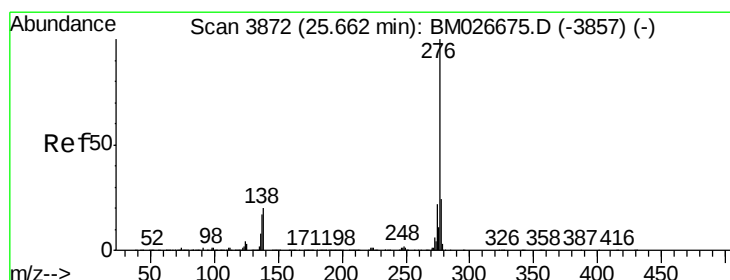
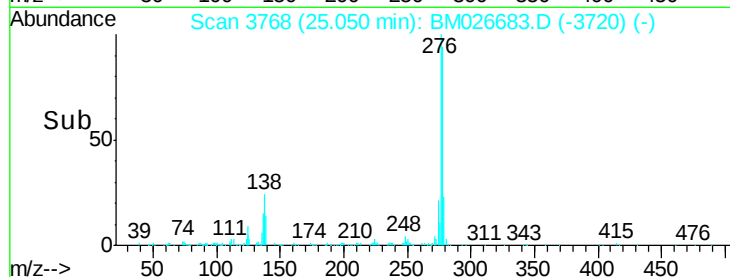
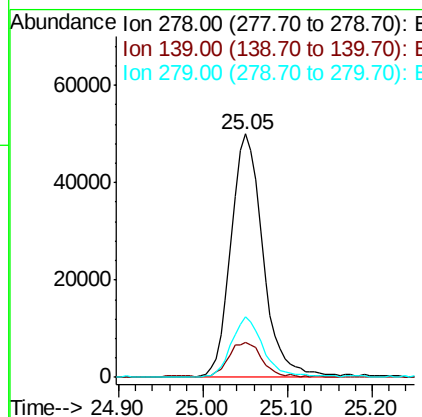
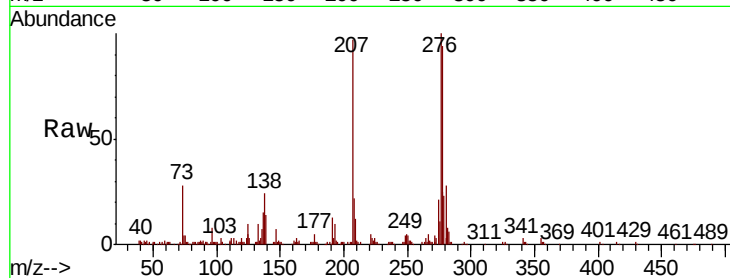
ClientSampleId :

LOD-MDL-SOIL-01-QT2-2020

Tot Ion:	278	Resp:	131936
Ion Ratio	Lower	Upper	
278	100		
139	14.5	11.2	16.8
279	25.1	19.0	28.4

Manual Integrations
APPROVED

mohammad
7/9/2020 10:56:32 AM



#92

Benzo(g,h,i)perylene

Concen: 3.467 ng

RT: 25.65 min Scan# 3870

Delta R.T. -0.01 min

Lab File: BM026683.D

Acq: 07 Jul 2020 18:48

Tgt Ion:	276	Resp:	129148
Ion Ratio	Lower	Upper	
276	100		
277	23.3	19.1	28.7
138	22.4	15.8	23.8

