

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071420\
 Data File : BM026751.D
 Acq On : 14 Jul 2020 14:07
 Operator : JU/CG
 Sample : L1955-03
 Misc : MDL-SOIL-03
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MDL-SOIL-03

Manual Integrations
 APPROVED

mohammad
 7/20/2020 11:24:48 AM

Quant Time: Jul 16 16:11:37 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM063020MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jul 14 10:31:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.31	152	58710	20.00	ng/ul	0.00
18) Naphthalene-d8	10.06	136	233233	20.00	ng/ul	0.00
36) Acenaphthene-d10	13.97	164	147717	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.74	188	314782	20.00	ng/ul	0.00
78) Chrysene-d12	20.95	240	343600	20.00	ng/ul	0.00
86) Perylene-d12	23.02	264	408257	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	2.91	96	3197	1.64	ng/uL	0.00
5) Phenol-d5	6.52	99	149873	27.87	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.67	67	105750	29.08	ng/ul	0.00
9) 2-Chlorophenol-d4	6.85	132	116018	28.08	ng/ul	0.00
13) 4-Methylphenol-d8	8.04	113	115280	26.81	ng/ul	0.00
19) Nitrobenzene-d5	8.46	128	54324	29.45	ng/ul	0.00
22) 2-Nitrophenol-d4	9.17	143	60099	30.55	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.71	165	111158	28.86	ng/ul	0.00
29) 4-Chloroaniline-d4	10.22	131	149442	36.85	ng/ul	0.00
44) Dimethylphthalate-d6	13.40	166	355597	30.18	ng/ul	0.00
47) Acenaphthylene-d8	13.66	160	423168	29.72	ng/ul	0.00
52) 4-Nitrophenol-d4	14.24	143	46272	27.21	ng/ul	0.00
58) Fluorene-d10	14.98	176	295952	28.68	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.13	200	55679	28.31	ng/ul	0.00
71) Anthracene-d10	16.83	188	470733	30.37	ng/ul	0.00
79) Pyrene-d10	19.14	212	551506	30.89	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.89	264	626509	28.44	ng/ul	0.00

Target Compounds

					Ovalue
2) 1,4-Dioxane	2.94	88	3108	1.469 ng/uL	95
4) Benzaldehyde	6.48	77	10465m	3.665 ng/ul	
6) Phenol	6.55	94	21103	3.570 ng/ul	90
8) Bis(2-Chloroethyl)ether	6.76	93	16504	3.667 ng/ul	88
10) 2-Chlorophenol	6.88	128	16402	3.601 ng/ul	88
11) 2-Methylphenol	7.78	108	14193	3.360 ng/ul	92
12) 2,2'-oxybis(1-Chloropropan	7.85	45	35128	4.023 ng/ul#	96
14) Acetophenone	8.14	105	26099	3.582 ng/ul	98
15) N-Nitroso-di-n-propylamine	8.12	70	14752	3.427 ng/ul	88
16) 4-Methylphenol	8.11	108	16161	3.442 ng/ul	97
17) Hexachloroethane	8.36	117	7062	3.499 ng/ul	94
20) Nitrobenzene	8.50	77	22331	3.839 ng/ul	99
21) Isophorone	9.02	82	36453	3.728 ng/ul	99
23) 2-Nitrophenol	9.20	139	8674	3.812 ng/ul	92
24) 2,4-Dimethylphenol	9.29	107	18748	3.578 ng/ul#	92
25) Bis(2-Chloroethoxy)methane	9.51	93	21641	3.722 ng/ul	95
27) 2,4-Dichlorophenol	9.74	162	14882	3.739 ng/ul	88
28) Naphthalene	10.11	128	50574	3.663 ng/ul	97
30) 4-Chloroaniline	10.25	127	20421	4.739 ng/ul	93
31) Hexachlorobutadiene	10.40	225	10864	3.767 ng/ul	93
32) Caprolactam	11.07	113	3558m	3.237 ng/ul	
33) 4-Chloro-3-methylphenol	11.40	107	16134	3.563 ng/ul	90
34) 2-Methylnaphthalene	11.74	142	35231	3.643 ng/ul	100

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071420\
 Data File : BM026751.D
 Acq On : 14 Jul 2020 14:07
 Operator : JU/CG
 Sample : L1955-03
 Misc : MDL-SOIL-03
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleID :
 MDL-SOIL-03

Manual Integrations
 APPROVED

mohammad
 7/20/2020 11:24:48 AM

Quant Time: Jul 16 16:11:37 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM063020MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jul 14 10:31:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

35) 1-Methylnaphthalene	11.97	142	33494	3.716	ng/ul#	99
37) 1,2,4,5-Tetrachlorobenzene	12.13	216	19343	3.603	ng/ul	95
38) Hexachlorocyclopentadiene	12.10	237	2912	1.063	ng/ul	86
39) 2,4,6-Trichlorophenol	12.40	196	10660	3.363	ng/ul	94
40) 2,4,5-Trichlorophenol	12.48	196	10883	3.140	ng/ul	98
41) 1,1'-Biphenyl	12.79	154	46670	3.650	ng/ul	97
42) 2-Chloronaphthalene	12.82	162	36133	3.590	ng/ul	97
43) 2-Nitroaniline	13.06	65	11424	3.376	ng/ul#	85
45) Dimethylphthalate	13.45	163	47537	3.854	ng/ul	98
46) 2,6-Dinitrotoluene	13.58	165	7796	3.271	ng/ul#	96
48) Acenaphthylene	13.68	152	55731	3.655	ng/ul	100
49) 3-Nitroaniline	13.92	138	6763	3.413	ng/ul#	96
50) Acenaphthene	14.04	153	39210	3.638	ng/ul	98
51) 2,4-Dinitrophenol	14.14	184	2881	2.326	ng/ul	98
53) 4-Nitrophenol	14.25	109	8262m	4.720	ng/ul	
54) Dibenzofuran	14.38	168	56582	3.700	ng/ul	98
55) 2,4-Dinitrotoluene	14.38	165	12563	3.544	ng/ul#	73
56) 2,3,4,6-Tetrachlorophenol	14.62	232	10525	3.527	ng/ul#	96
57) Diethylphthalate	14.84	149	47092	3.799	ng/ul	99
59) Fluorene	15.04	166	45180	3.616	ng/ul	96
60) 4-Chlorophenyl-phenylether	15.04	204	24174	3.723	ng/ul	93
61) 4-Nitroaniline	15.09	138	6522	2.910	ng/ul#	83
64) 4,6-Dinitro-2-methylphenol	15.15	198	7815	3.752	ng/ul#	59
65) N-Nitrosodiphenylamine	15.26	169	38854	3.691	ng/ul	97
66) 4-Bromophenyl-phenylether	15.94	248	14046	3.701	ng/ul	92
67) Hexachlorobenzene	16.05	284	16076	3.718	ng/ul	94
68) Atrazine	16.24	200	13722	4.002	ng/ul	97
69) Pentachlorophenol	16.41	266	6411	3.006	ng/ul#	86
70) Phenanthrene	16.77	178	73889	3.770	ng/ul	99
72) Anthracene	16.87	178	77009	3.894	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	12.75	216	19500	3.593	ng/uL	99
74) Pentachlorobenzene	14.30	250	19471	3.746	ng/uL	92
75) Carbazole	17.15	167	59665	3.768	ng/ul	97
76) Di-n-butylphthalate	17.74	149	73025	3.811	ng/ul	99
77) Fluoranthene	18.81	202	87122	4.297	ng/ul	99
80) Pvrene	19.17	202	97247	3.994	ng/ul	98
81) Butylbenzylphthalate	20.11	149	33203	3.844	ng/ul	97
82) 3,3'-Dichlorobenzidine	20.89	252	21870	3.158	ng/ul	93
83) Benzo(a)anthracene	20.94	228	96345	4.073	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	20.91	149	49527	3.850	ng/ul	99
85) Chrysene	20.99	228	94652	4.034	ng/ul	99
87) Di-n-octyl phthalate	21.75	149	86867	3.453	ng/ul	100
88) Benzo(b)fluoranthene	22.42	252	99449	3.586	ng/ul	95
89) Benzo(k)fluoranthene	22.46	252	92410	3.362	ng/ul	98
91) Benzo(a)pyrene	22.93	252	101264	4.116	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.02	276	114507	3.567	ng/ul	98
93) Dibenzo(a,h)anthracene	25.03	278	94260	3.485	ng/ul	98
94) Benzo(a,h,i)perylene	25.63	276	96082	3.588	ng/ul	99

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071420\
Data File : BM026751.D
Acq On : 14 Jul 2020 14:07
Operator : JU/CG
Sample : L1955-03
Misc : MDL-SOIL-03
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03

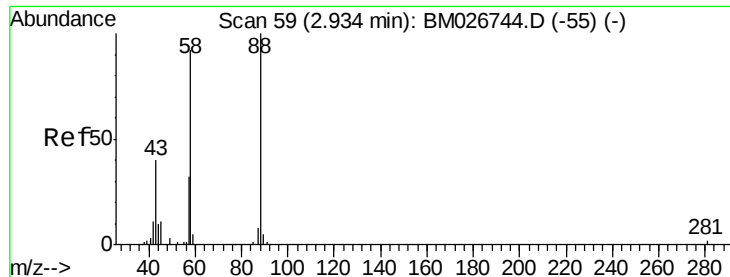
Manual Integrations
APPROVED

mohammad
7/20/2020 11:24:48 AM

Quant Time: Jul 16 16:11:37 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM063020MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 14 10:31:32 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
--------------------	------	------	----------	------	-------	----------

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



#2

1,4-Dioxane

Concen: 1.469 ng/uL

RT: 2.94 min Scan# 35

Delta R.T. 0.01 min

Lab File: BM026751.D

Acq: 14 Jul 2020 14:07

Instrument :

BNA_M

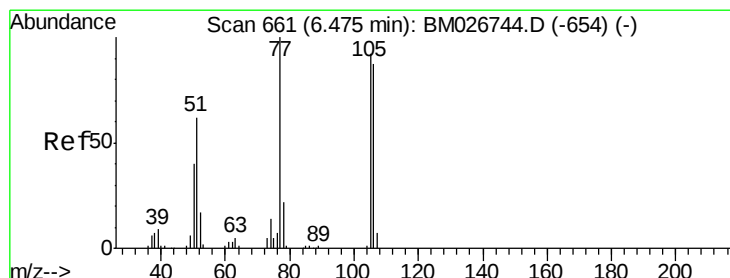
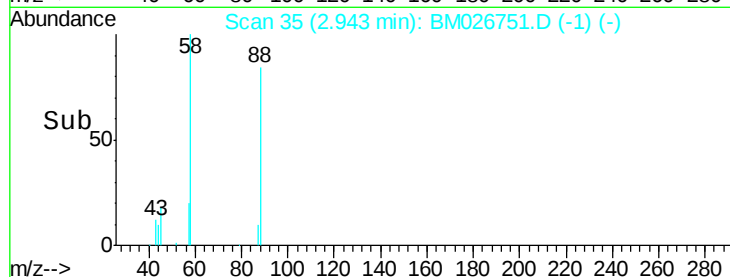
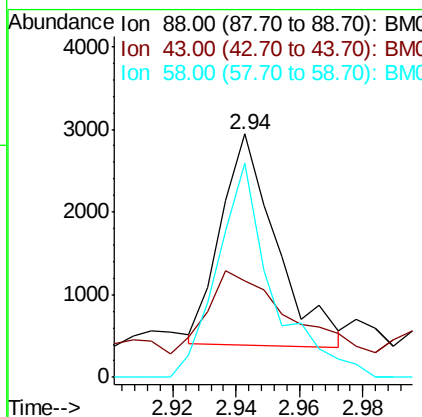
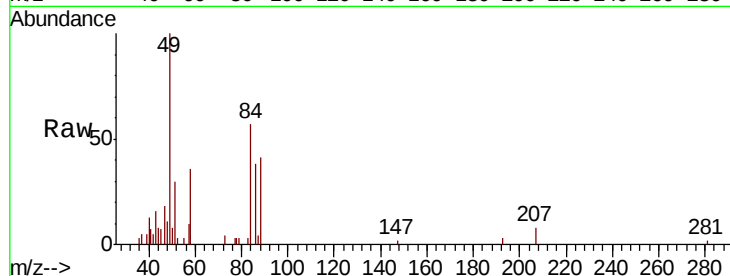
ClientSampleId :

MDL-SOIL-03

Tot Ion:	88	Resp:	3108
Ion	Ratio	Lower	Upper
88	100		
43	39.7	38.2	57.2
58	87.9	68.9	103.3

Manual Integrations
APPROVED

mohammad
7/20/2020 11:24:48 AM



#4

Benzaldehyde

Concen: 3.665 ng/uL

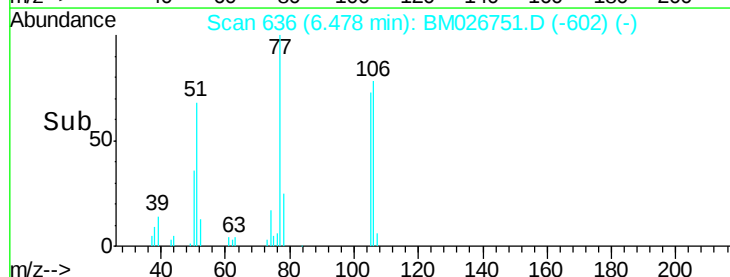
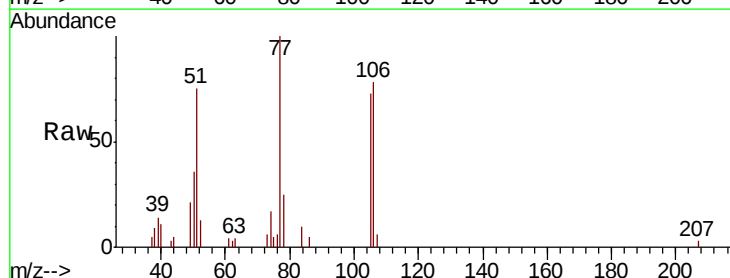
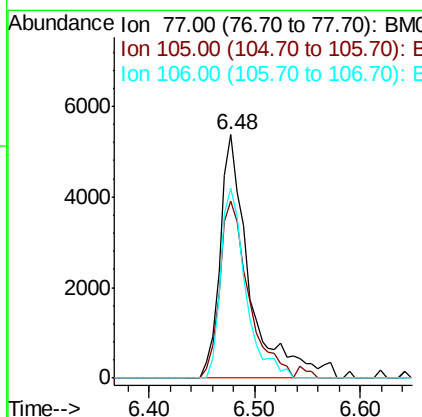
RT: 6.48 min Scan# 636

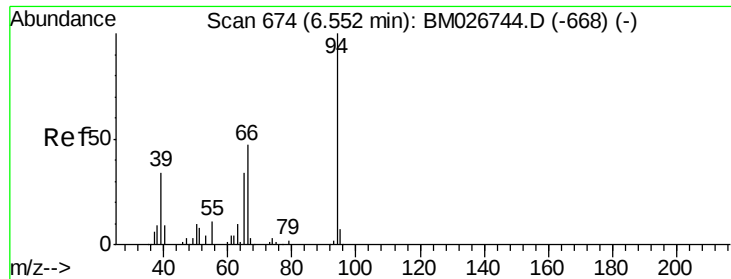
Delta R.T. 0.00 min

Lab File: BM026751.D

Acq: 14 Jul 2020 14:07

Tgt Ion:	77	Resp:	10465
Ion	Ratio	Lower	Upper
77	100		
105	72.7	67.5	101.3
106	78.0	66.2	99.4





#6

Phenol

Concen: 3.570 ng/ul

RT: 6.55 min Scan# 648

Delta R.T. -0.00 min

Lab File: BM026751.D

Acq: 14 Jul 2020 14:07

Instrument :

BNA_M

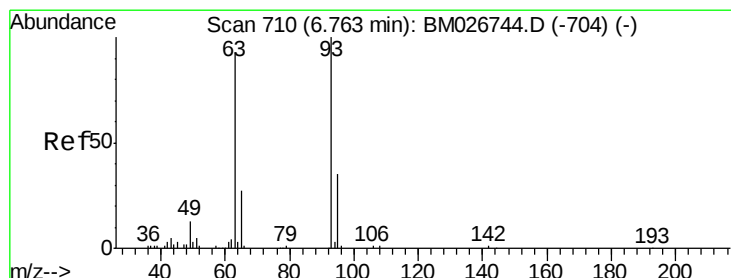
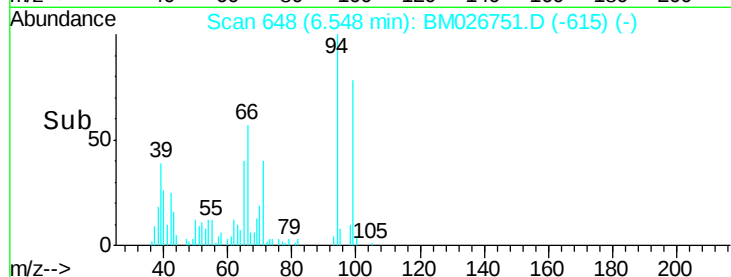
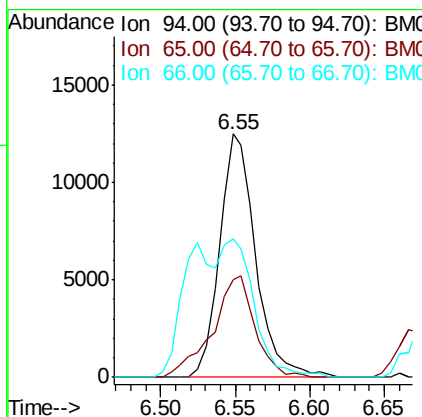
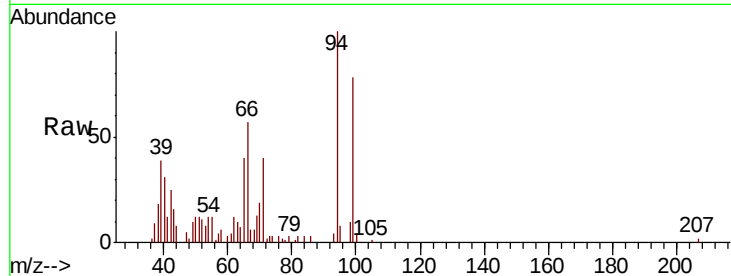
ClientSampleId :

MDL-SOIL-03

Tot Ion:	94	Resp:	21103
Ion	Ratio	Lower	Upper
94	100		
65	40.3	27.8	41.8
66	57.2	39.9	59.9

Manual Integrations
APPROVED

mohammad
7/20/2020 11:24:48 AM



#8

Bis(2-Chloroethyl)ether

Concen: 3.667 ng/ul

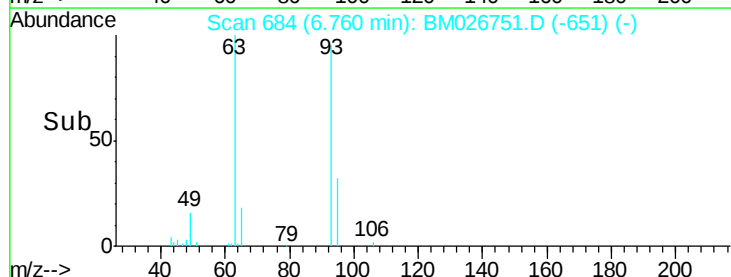
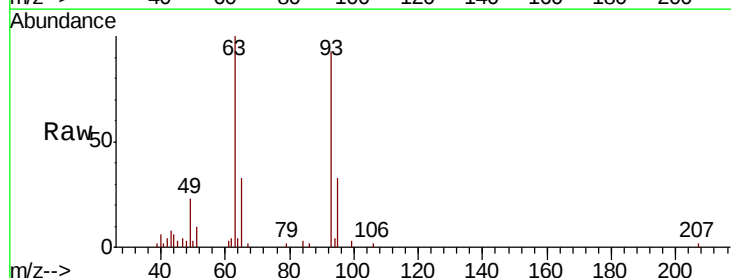
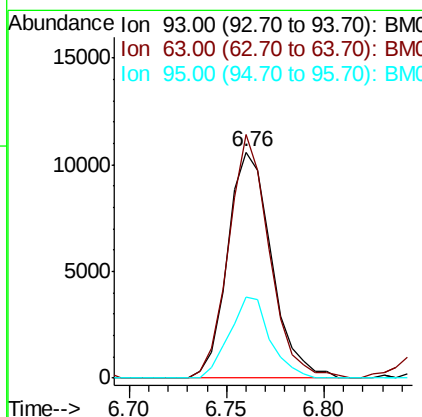
RT: 6.76 min Scan# 684

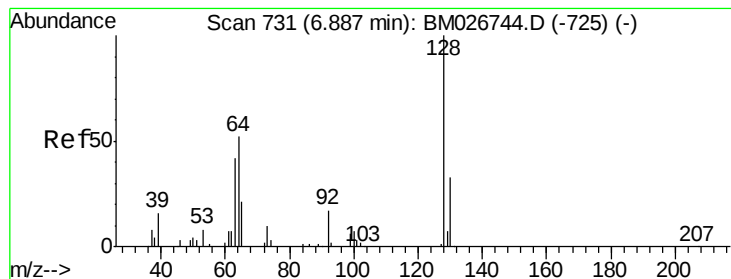
Delta R.T. -0.00 min

Lab File: BM026751.D

Acq: 14 Jul 2020 14:07

Tgt Ion:	93	Resp:	16504
Ion	Ratio	Lower	Upper
93	100		
63	107.8	75.5	113.3
95	35.9	25.2	37.8





#10

2-Chlorophenol

Concen: 3.601 ng/ul

RT: 6.88 min Scan# 705

Delta R.T. -0.00 min

Lab File: BM026751.D

Acq: 14 Jul 2020 14:07

Instrument :

BNA_M

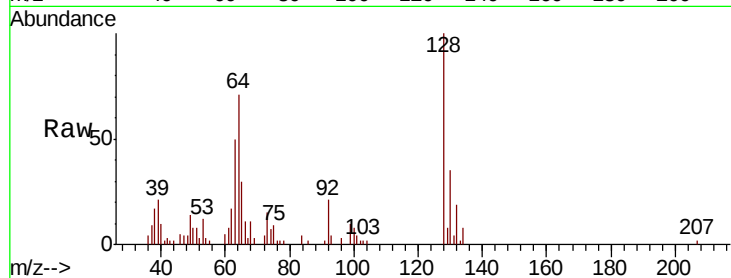
ClientSampled :

MDL-SOIL-03

Tot Ion:	128	Resp:	16402
Ion Ratio	Lower	Upper	
128	100		
64	70.8	47.4	71.2
130	35.4	25.8	38.6

Manual Integrations
APPROVED

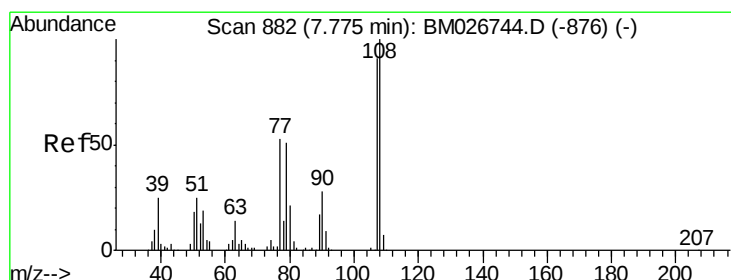
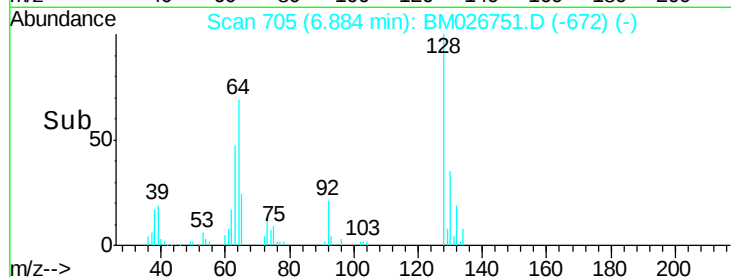
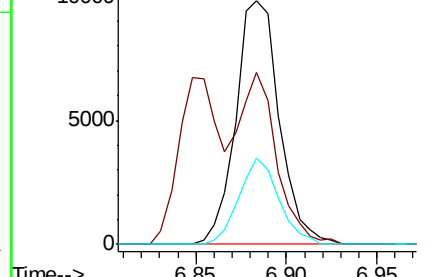
mohammad
7/20/2020 11:24:48 AM



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 64.00 (63.70 to 64.70): BM

Ion 130.00 (129.70 to 130.70): E



#11

2-Methylphenol

Concen: 3.360 ng/ul

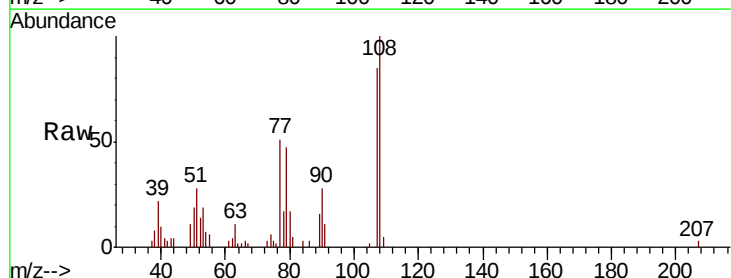
RT: 7.78 min Scan# 857

Delta R.T. 0.00 min

Lab File: BM026751.D

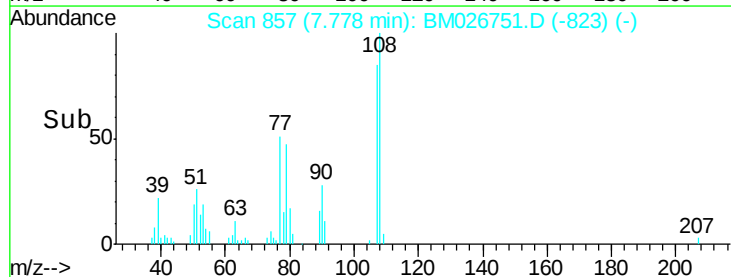
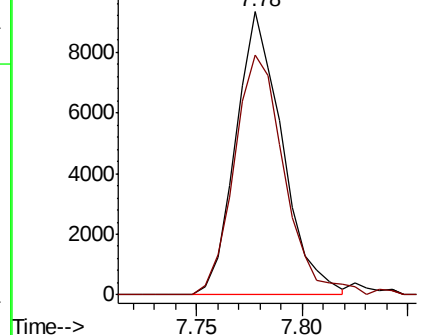
Acq: 14 Jul 2020 14:07

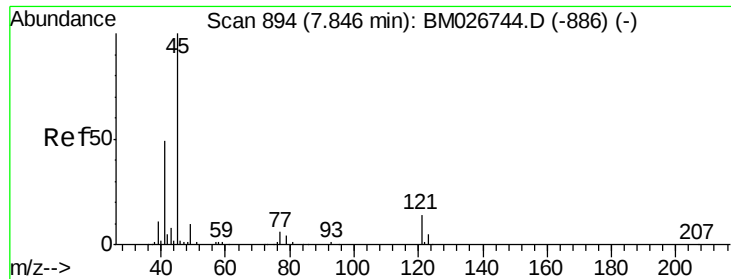
Tgt Ion:	108	Resp:	14193
Ion Ratio	Lower	Upper	
108	100		
107	84.6	74.2	111.2



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E





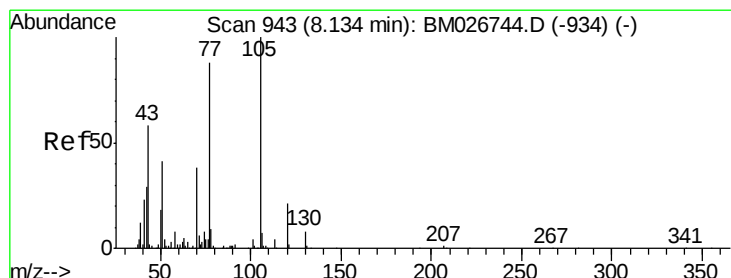
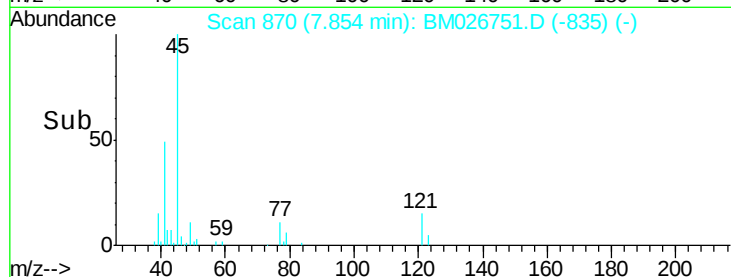
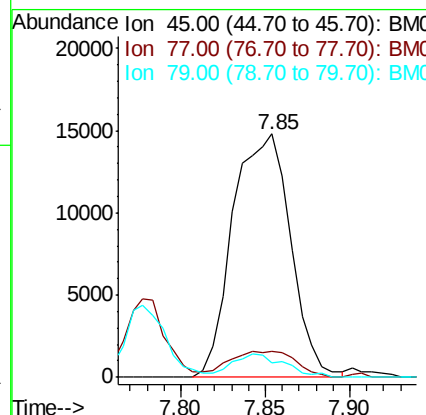
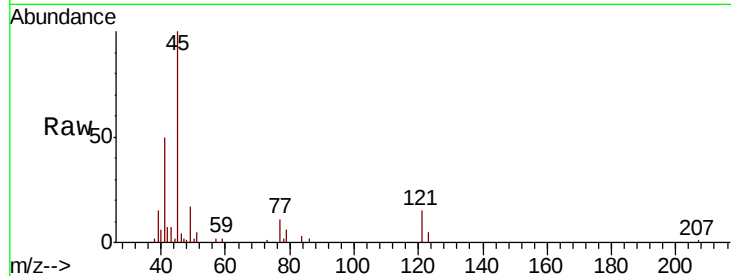
#12
2,2'-oxvbis(1-Chloropropane)
Concen: 4.023 ng/ul
RT: 7.85 min Scan# 870
Delta R.T. 0.01 min
Lab File: BM026751.D
Acq: 14 Jul 2020 14:07

Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03

Tot Ion	Ratio	Lower	Upper
45	100		
77	10.7	8.8	13.2
79	5.8	7.0	10.6

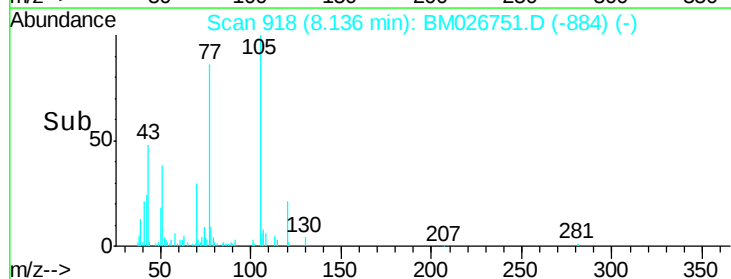
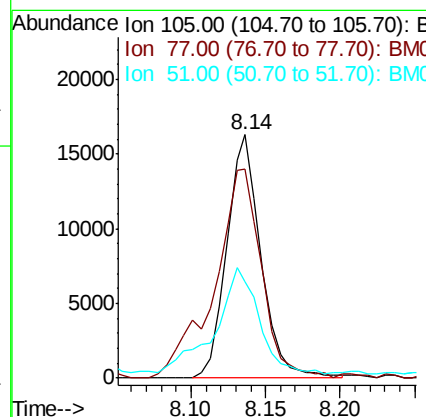
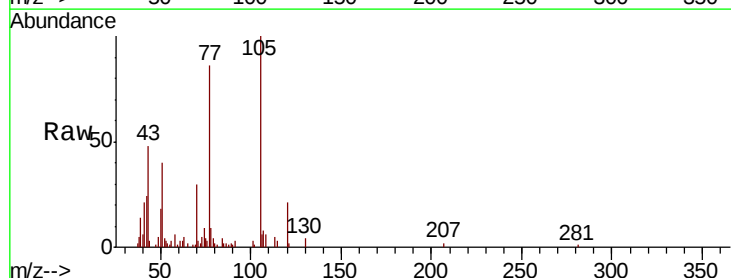
Manual Integrations
APPROVED

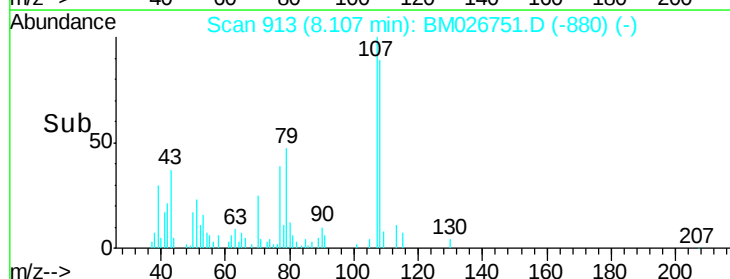
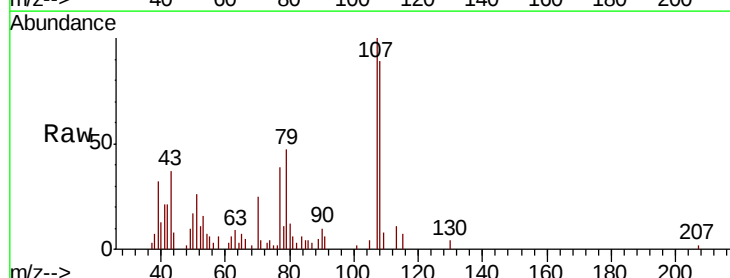
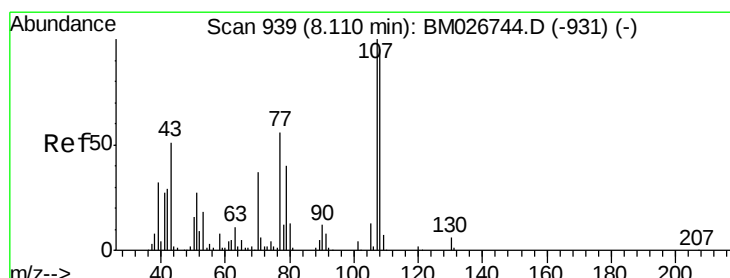
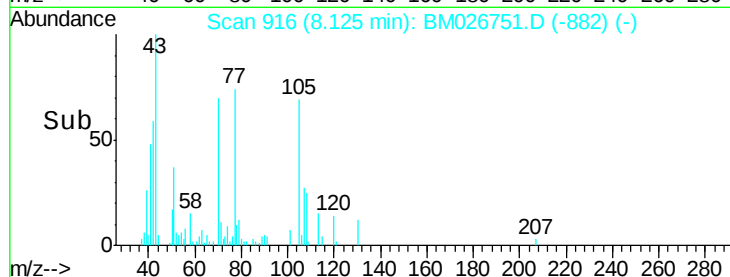
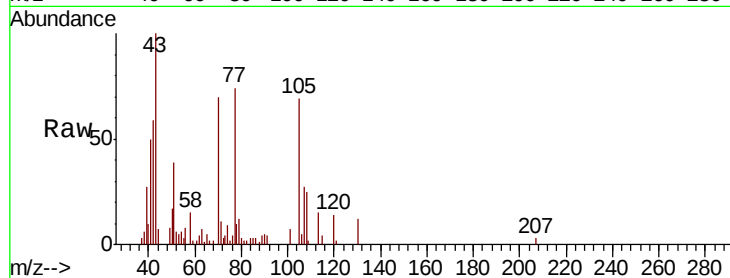
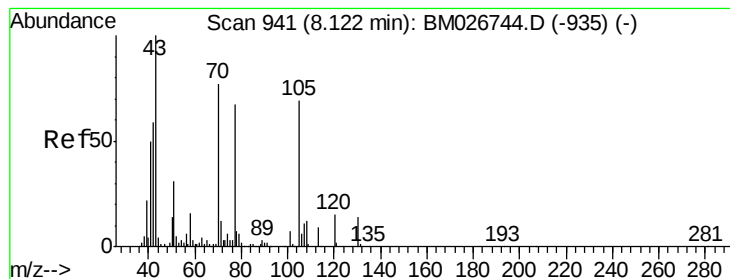
mohammad
7/20/2020 11:24:48 AM



#14
Acetophenone
Concen: 3.582 ng/ul
RT: 8.14 min Scan# 918
Delta R.T. 0.00 min
Lab File: BM026751.D
Acq: 14 Jul 2020 14:07

Tgt Ion	Ratio	Lower	Upper
105	100		
77	85.7	69.8	104.6
51	39.8	30.5	45.7





#15

N-Nitroso-di-n-propylamine

Concen: 3.427 ng/ul

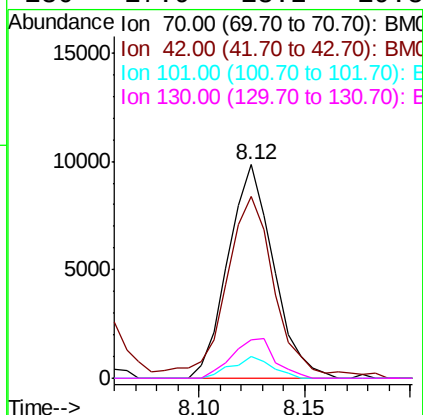
RT: 8.12 min Scan# 916

Delta R.T. 0.00 min

Lab File: BM026751.D

Acq: 14 Jul 2020 14:07

Tot Ion:	70	Resp:	14752
Ion Ratio	Lower	Upper	
70	100		
42	85.3	58.5	87.7
101	10.4	7.0	10.4
130	17.9	13.2	19.8



Instrument :

BNA_M

ClientSampleId :

MDL-SOIL-03

Manual Integrations
APPROVED

mohammad
7/20/2020 11:24:48 AM

#16

4-Methylphenol

Concen: 3.442 ng/ul

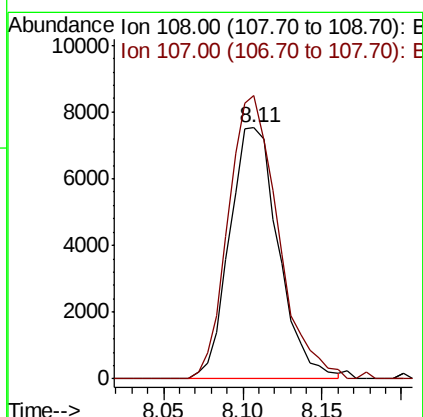
RT: 8.11 min Scan# 913

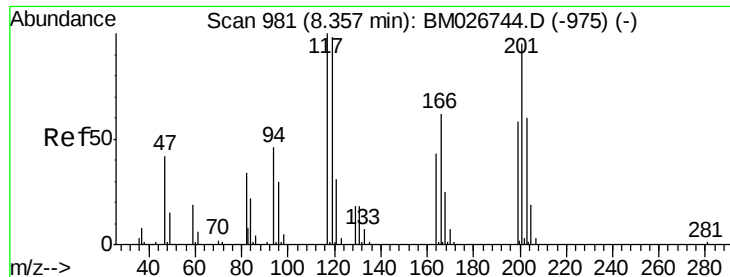
Delta R.T. -0.00 min

Lab File: BM026751.D

Acq: 14 Jul 2020 14:07

Tgt Ion:	108	Resp:	16161
Ion Ratio	Lower	Upper	
108	100		
107	112.7	87.4	131.2





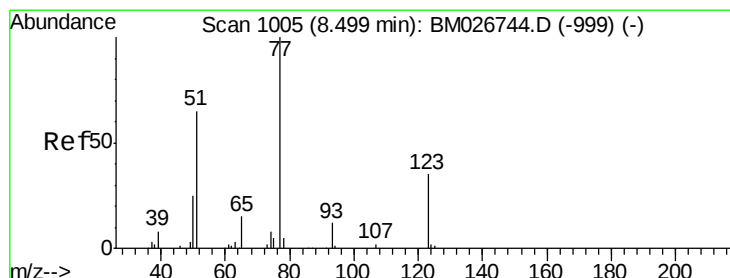
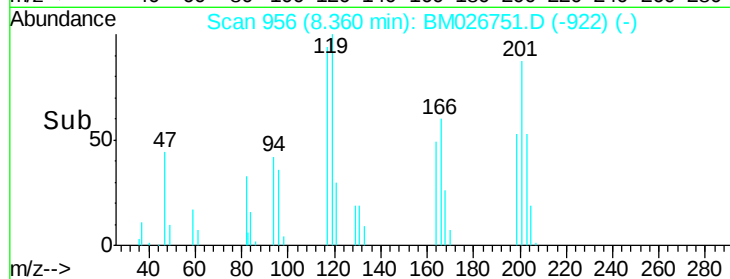
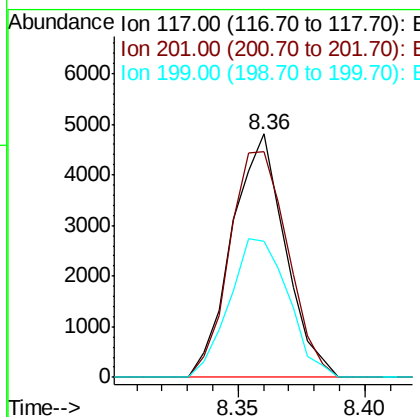
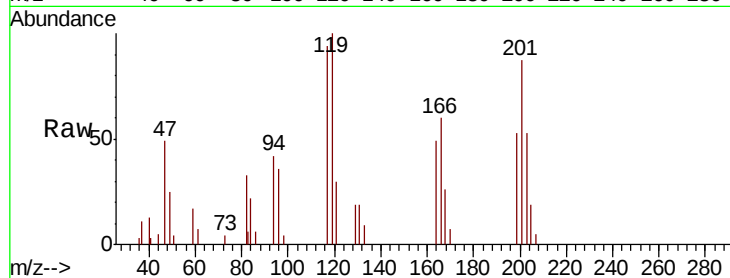
#17
Hexachloroethane
Concen: 3.499 ng/ul
RT: 8.36 min Scan# 956
Delta R.T. 0.00 min
Lab File: BM026751.D
Acq: 14 Jul 2020 14:07

Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03

Tot Ion	Ratio	Lower	Upper
117	100		
201	92.8	77.0	115.6
199	55.8	51.1	76.7

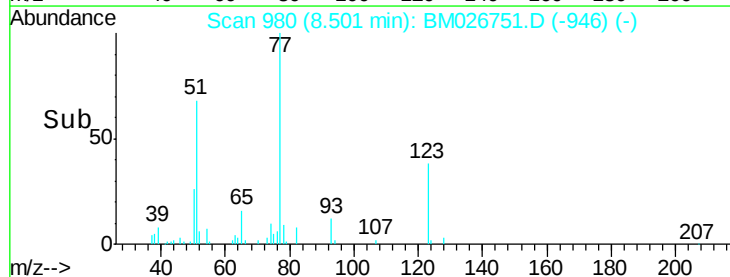
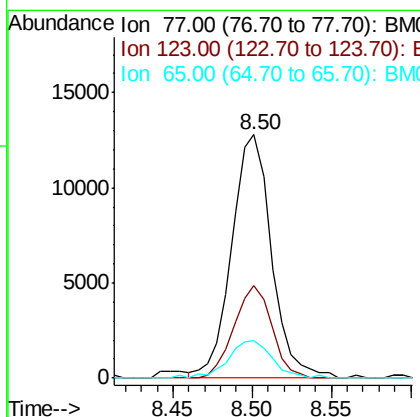
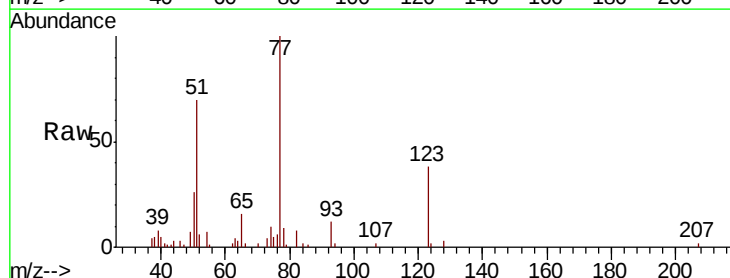
Manual Integrations
APPROVED

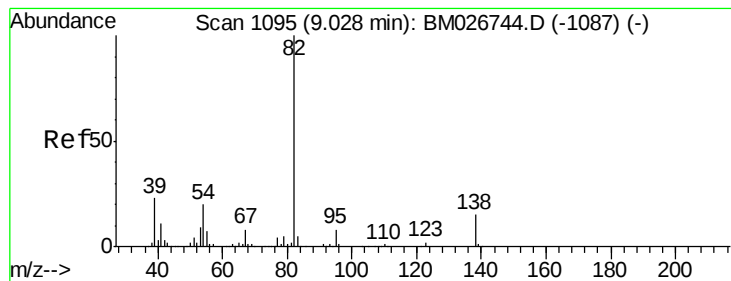
mohammad
7/20/2020 11:24:48 AM



#20
Nitrobenzene
Concen: 3.839 ng/ul
RT: 8.50 min Scan# 980
Delta R.T. 0.00 min
Lab File: BM026751.D
Acq: 14 Jul 2020 14:07

Tgt Ion	Ratio	Lower	Upper
77	100		
123	37.8	29.8	44.8
65	15.6	11.8	17.6





#21

Isophorone

Concen: 3.728 ng/ul

RT: 9.02 min Scan# 1069

Delta R.T. -0.00 min

Lab File: BM026751.D

Acq: 14 Jul 2020 14:07

Instrument :

BNA_M

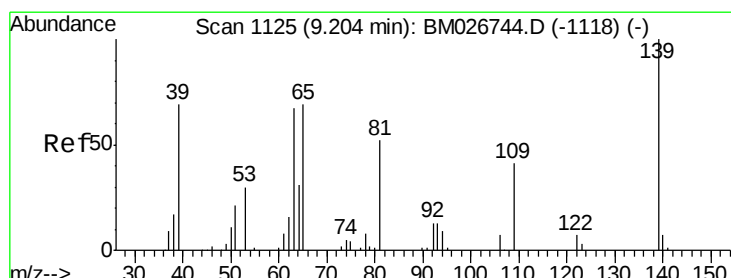
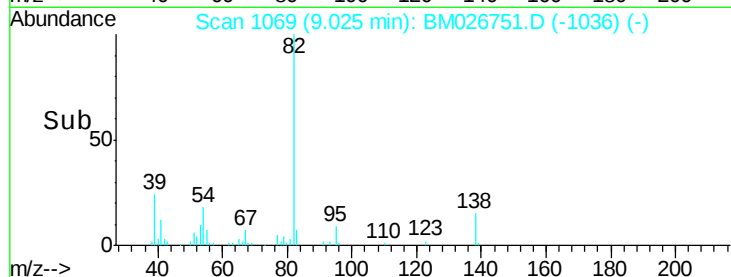
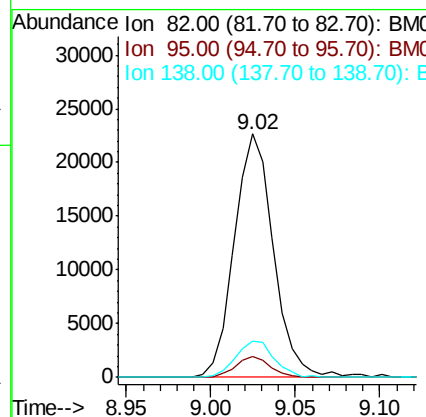
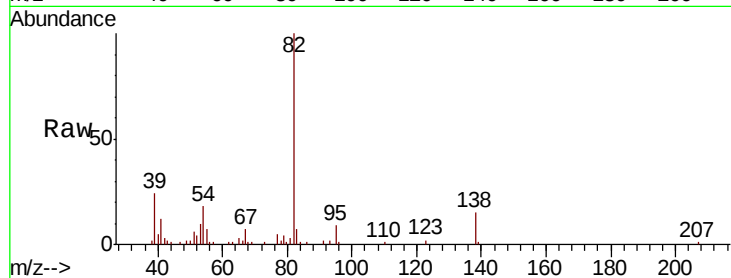
ClientSampleId :

MDL-SOIL-03

Tot Ion:	82	Resp:	36453
Ion Ratio	Lower	Upper	
82	100		
95	8.6	6.4	9.6
138	15.1	12.2	18.4

Manual Integrations
APPROVED

mohammad
7/20/2020 11:24:48 AM



#23

2-Nitrophenol

Concen: 3.812 ng/ul

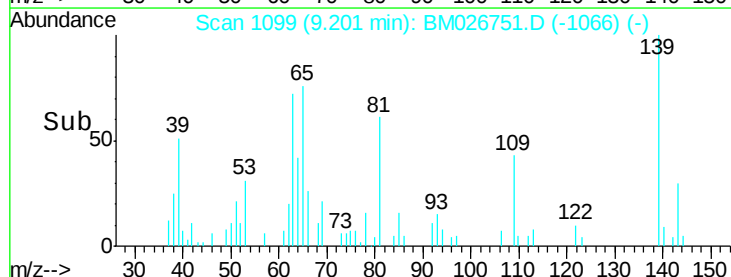
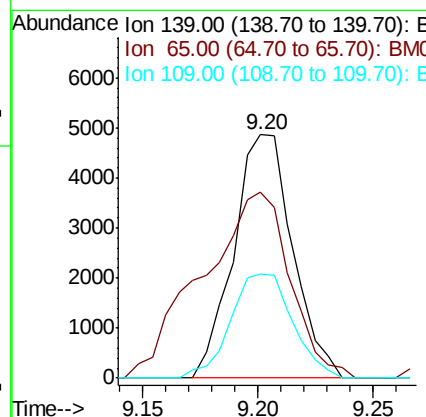
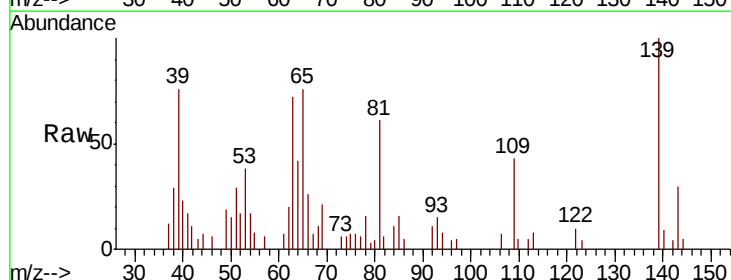
RT: 9.20 min Scan# 1099

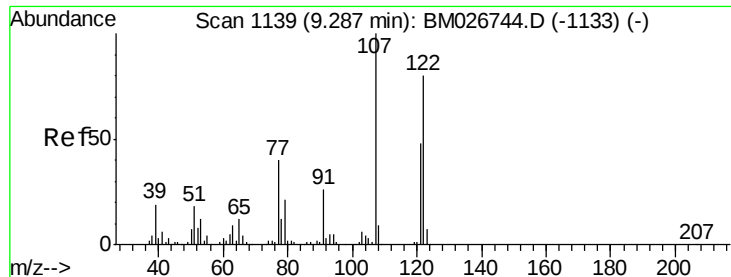
Delta R.T. -0.00 min

Lab File: BM026751.D

Acq: 14 Jul 2020 14:07

Tgt Ion:	139	Resp:	8674
Ion Ratio	Lower	Upper	
139	100		
65	76.3	55.0	82.6
109	42.5	31.4	47.2





#24

2,4-Dimethylphenol

Concen: 3.578 ng/ul

RT: 9.29 min Scan# 1114

Delta R.T. 0.00 min

Lab File: BM026751.D

Acq: 14 Jul 2020 14:07

Instrument :

BNA_M

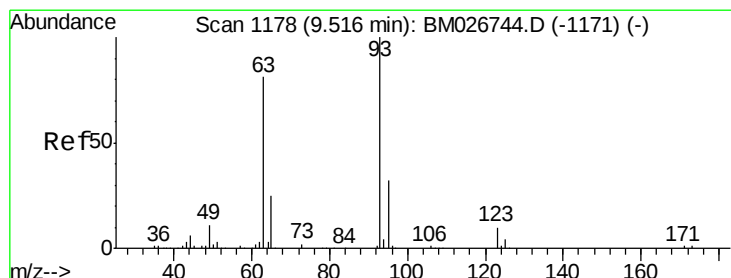
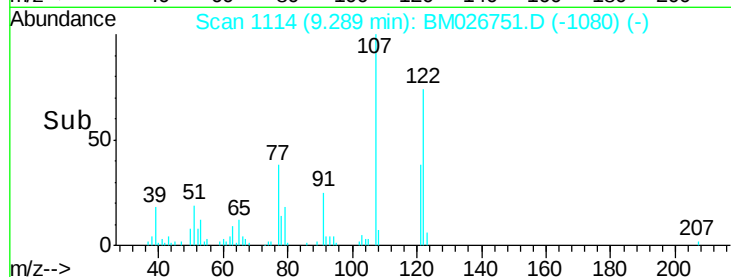
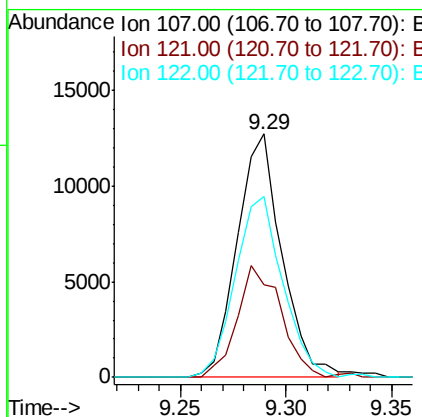
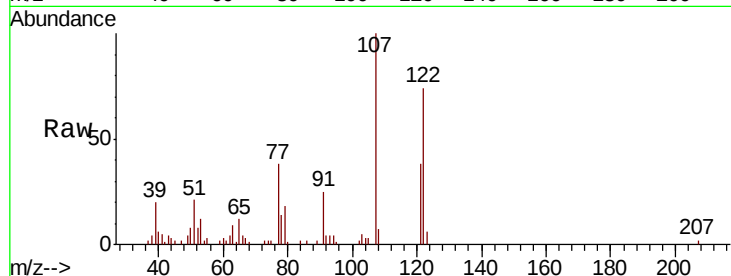
ClientSampleId :

MDL-SOIL-03

Tot Ion	Ratio	Lower	Upper
107	100		
121	37.8	38.1	57.1#
122	74.4	62.7	94.1

Manual Integrations
APPROVED

mohammad
7/20/2020 11:24:48 AM



#25

Bis(2-Chloroethoxy)methane

Concen: 3.722 ng/ul

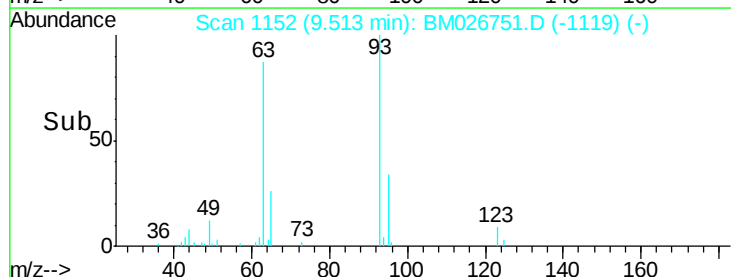
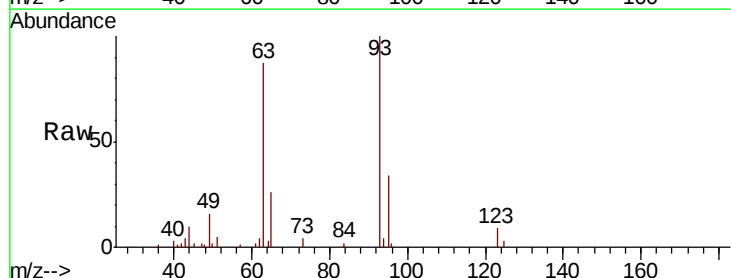
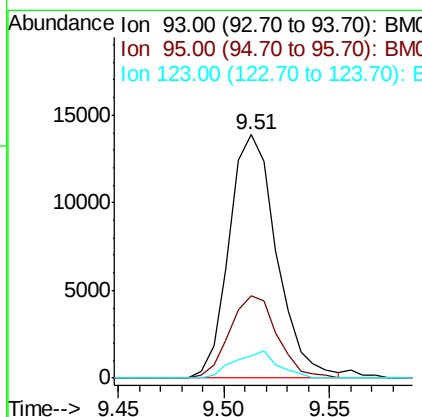
RT: 9.51 min Scan# 1152

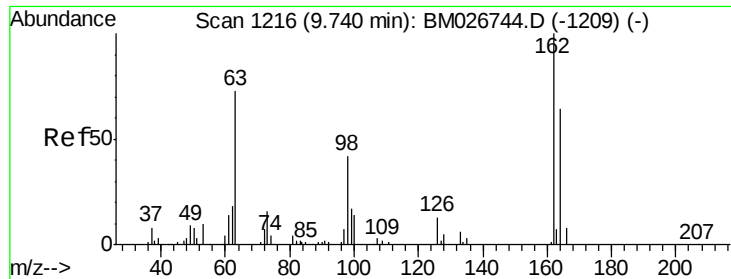
Delta R.T. -0.00 min

Lab File: BM026751.D

Acq: 14 Jul 2020 14:07

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.9	24.4	36.6
123	9.1	8.0	12.0





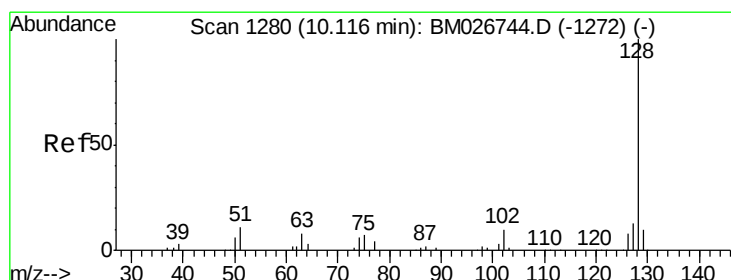
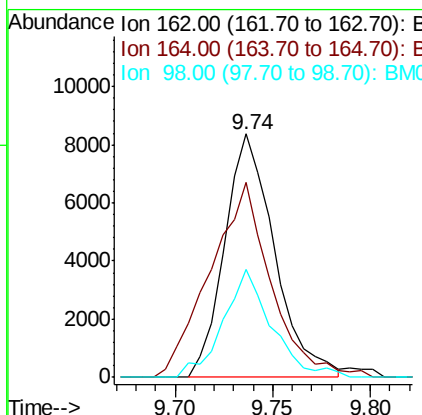
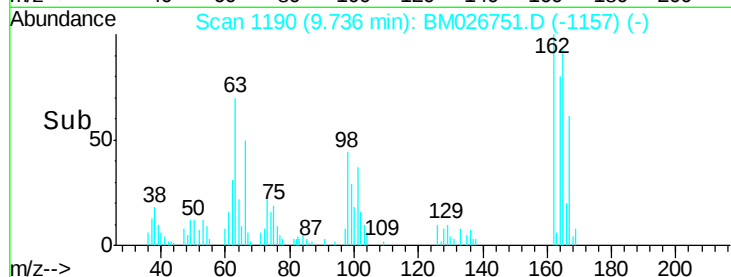
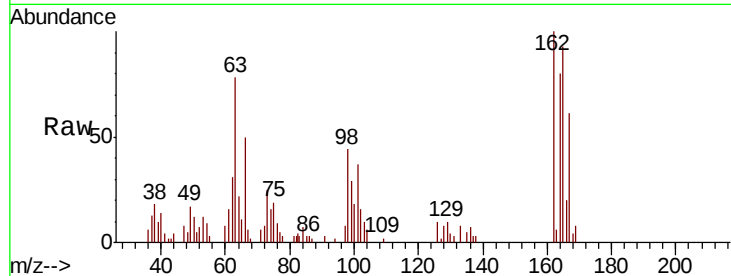
#27
2,4-Dichlorophenol
Concen: 3.739 ng/ul
RT: 9.74 min Scan# 1190
Delta R.T. -0.00 min
Lab File: BM026751.D
Acq: 14 Jul 2020 14:07

Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03

Tot Ion	Ratio	Lower	Upper
162	100		
164	80.3	55.0	82.6
98	44.3	31.9	47.9

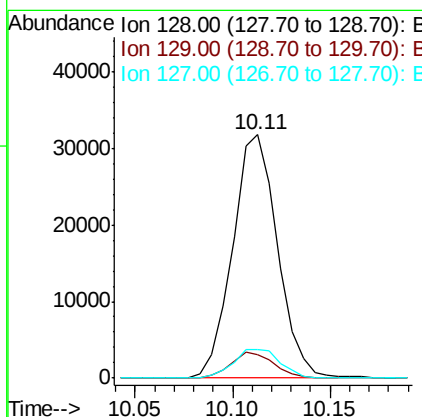
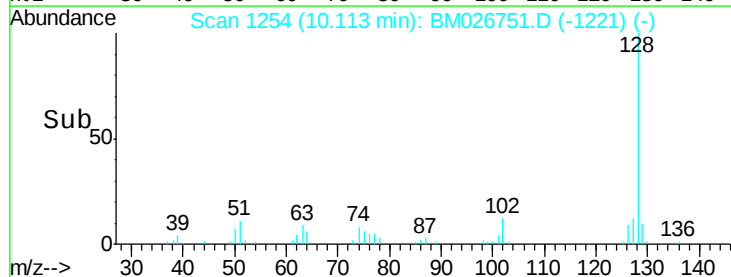
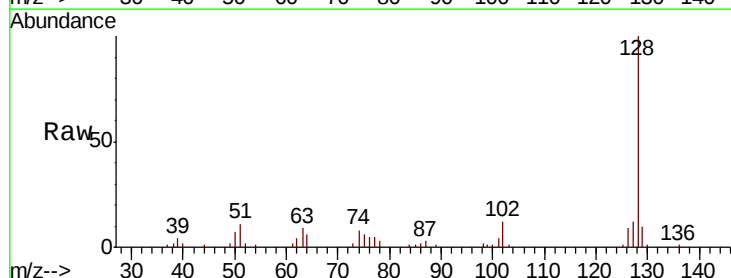
Manual Integrations
APPROVED

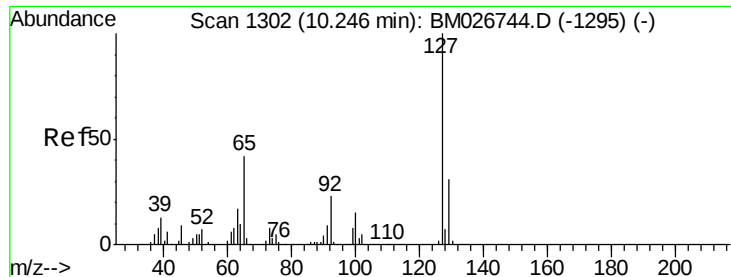
mohammad
7/20/2020 11:24:48 AM



#28
Naphthalene
Concen: 3.663 ng/ul
RT: 10.11 min Scan# 1254
Delta R.T. -0.00 min
Lab File: BM026751.D
Acq: 14 Jul 2020 14:07

Tgt Ion	Ratio	Lower	Upper
128	100		
129	9.8	8.5	12.7
127	11.9	10.6	15.8





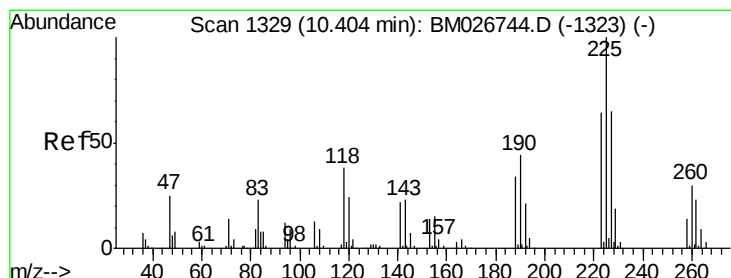
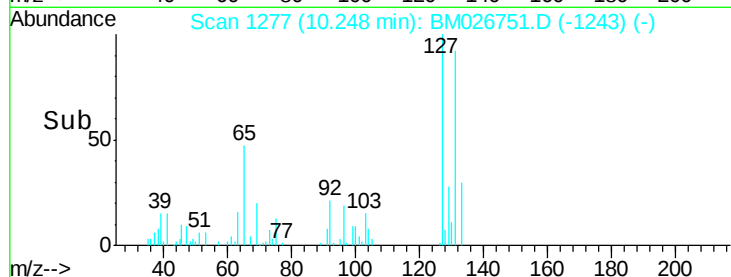
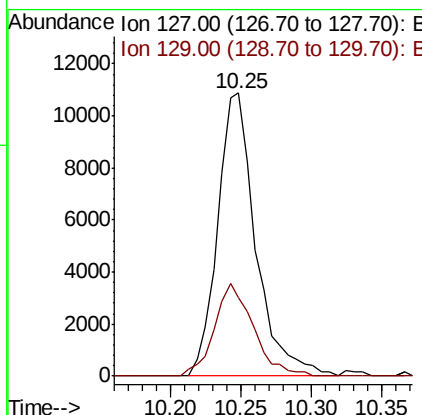
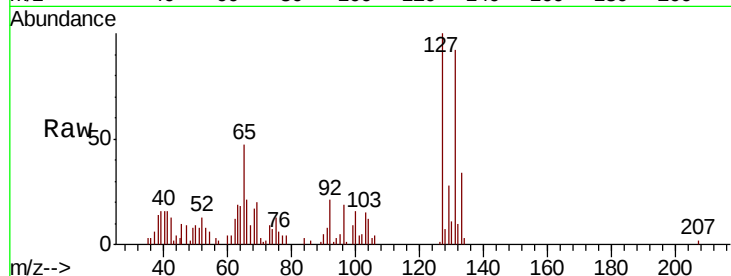
#30
4-Chloroaniline
Concen: 4.739 ng/ul
RT: 10.25 min Scan# 1277
Delta R.T. 0.00 min
Lab File: BM026751.D
Acq: 14 Jul 2020 14:07

Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03

Tot Ion	Ratio	Lower	Upper
127	100		
129	27.7	25.3	37.9

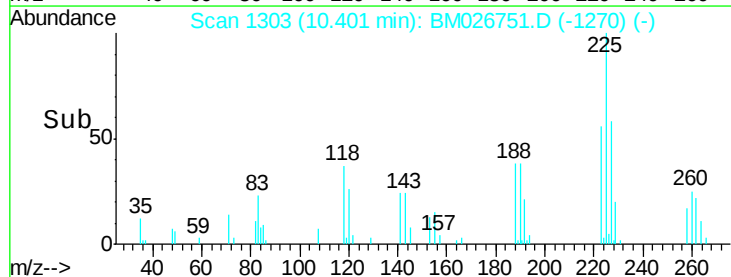
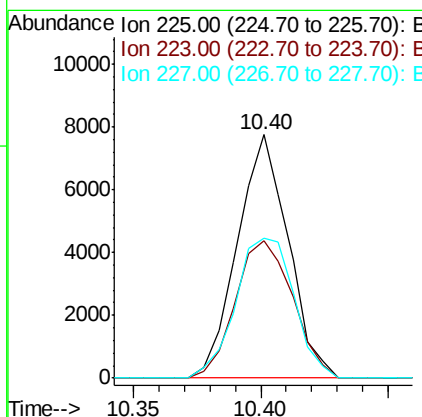
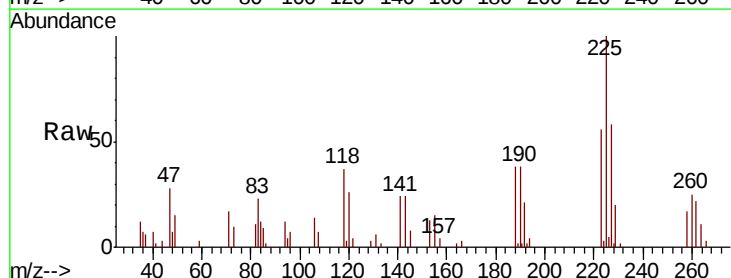
Manual Integrations
APPROVED

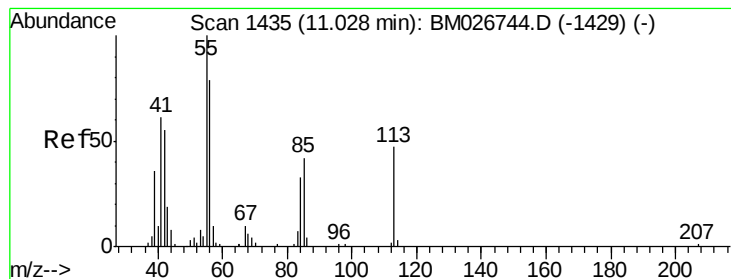
mohammad
7/20/2020 11:24:48 AM



#31
Hexachlorobutadiene
Concen: 3.767 ng/ul
RT: 10.40 min Scan# 1303
Delta R.T. -0.00 min
Lab File: BM026751.D
Acq: 14 Jul 2020 14:07

Tgt Ion	Ratio	Lower	Upper
225	100		
223	56.2	49.7	74.5
227	57.7	50.4	75.6





#32

Caprolactam

Concen: 3.237 ng/ul m

RT: 11.07 min Scan# 1417

Delta R.T. 0.04 min

Lab File: BM026751.D

Acq: 14 Jul 2020 14:07

Instrument :

BNA_M

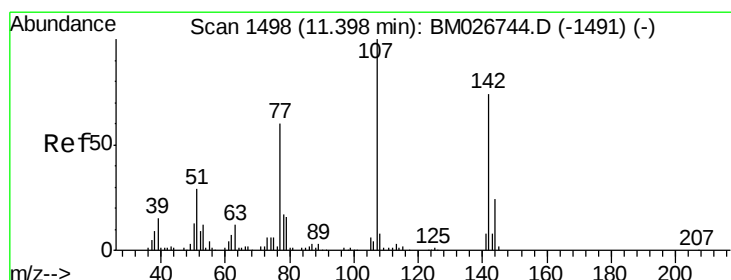
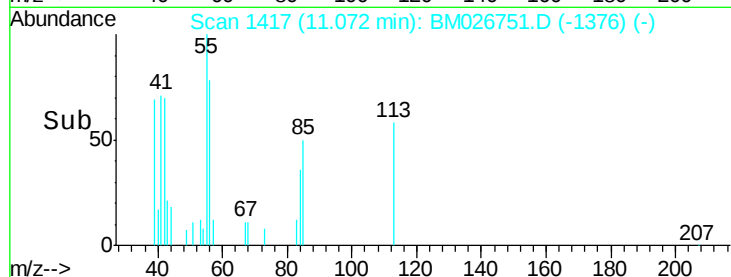
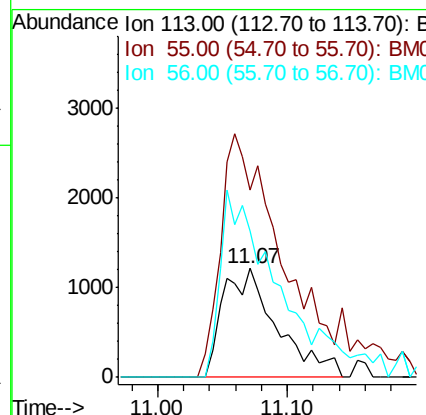
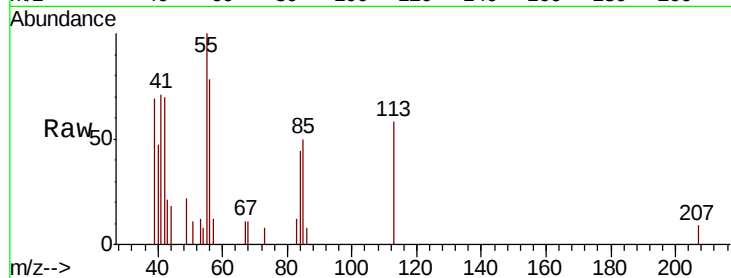
ClientSampleId :

MDL-SOIL-03

Tot Ion	Ratio	Lower	Upper
113	100		
55	172.7	179.9	269.9#
56	134.9	134.9	202.3

Manual Integrations
APPROVED

mohammad
7/20/2020 11:24:48 AM



#33

4-Chloro-3-methylphenol

Concen: 3.563 ng/ul

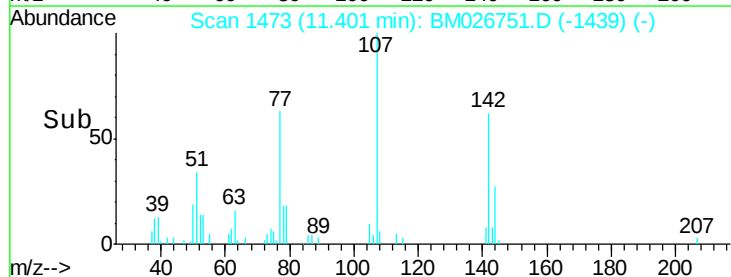
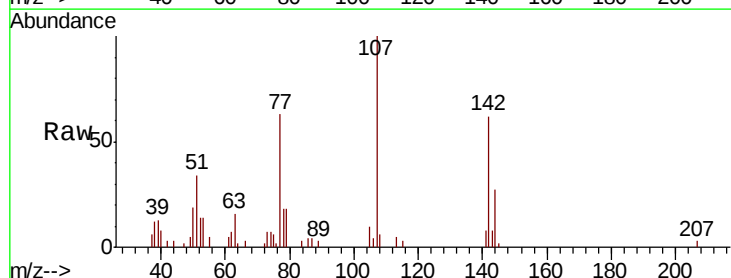
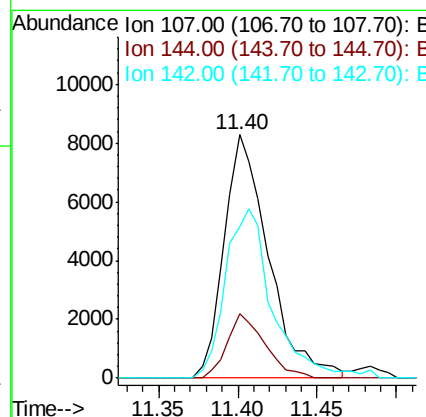
RT: 11.40 min Scan# 1473

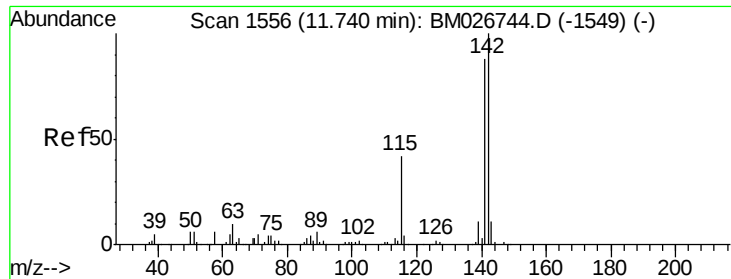
Delta R.T. 0.00 min

Lab File: BM026751.D

Acq: 14 Jul 2020 14:07

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.7	17.9	26.9
142	62.2	57.0	85.6





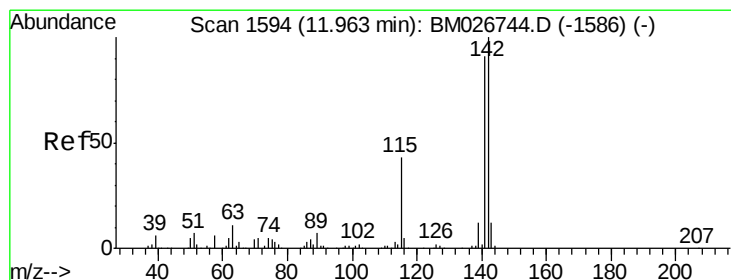
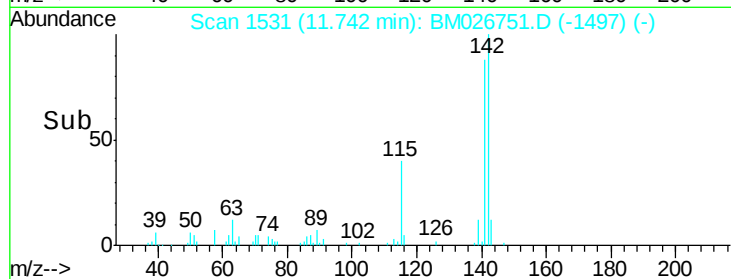
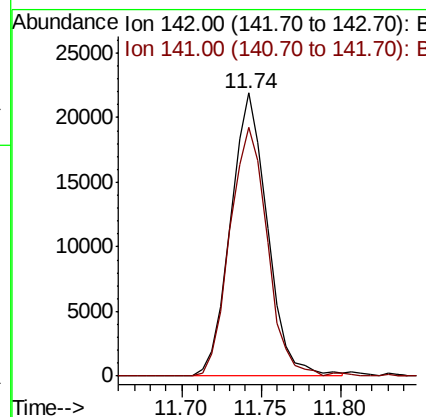
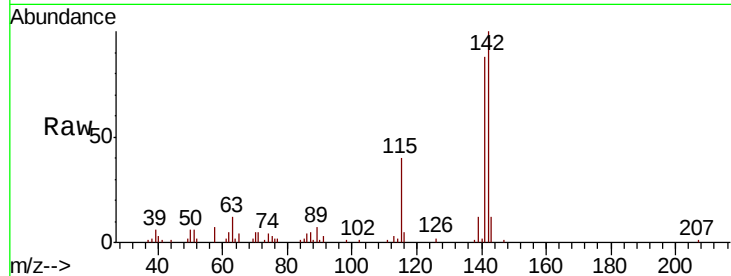
#34
2-Methylnaphthalene
Concen: 3.643 ng/ul
RT: 11.74 min Scan# 1531
Delta R.T. 0.00 min
Lab File: BM026751.D
Acq: 14 Jul 2020 14:07

Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.8	69.9	104.9

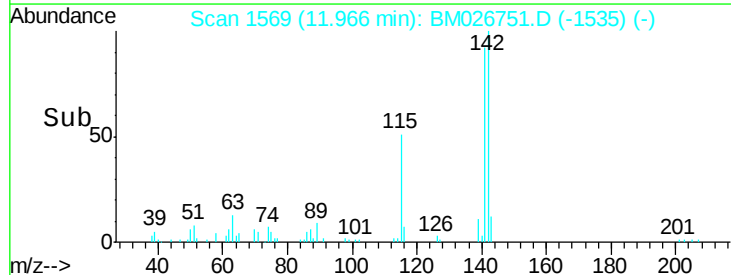
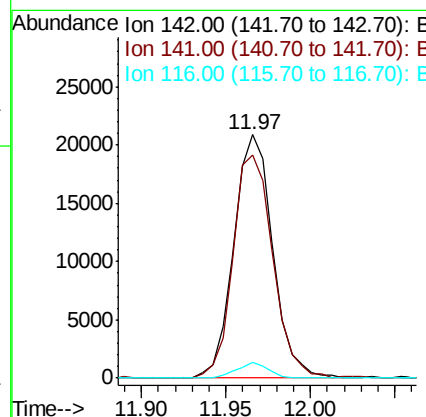
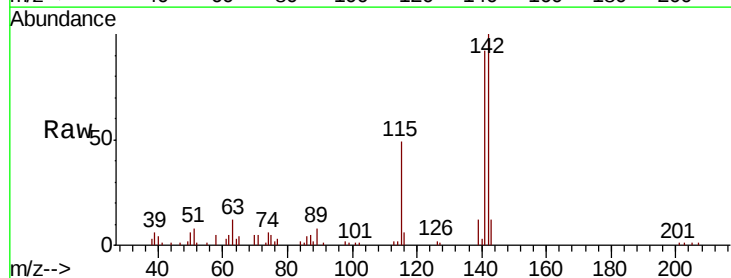
Manual Integrations
APPROVED

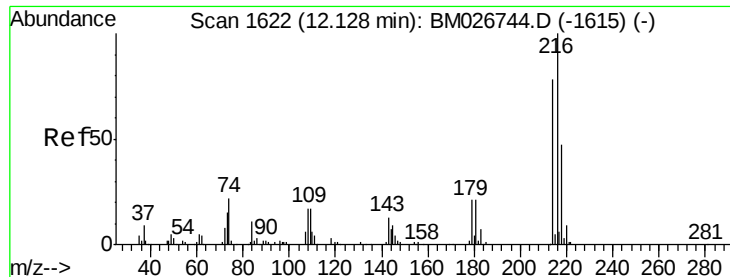
mohammad
7/20/2020 11:24:48 AM



#35
1-Methylnaphthalene
Concen: 3.716 ng/ul
RT: 11.97 min Scan# 1569
Delta R.T. 0.00 min
Lab File: BM026751.D
Acq: 14 Jul 2020 14:07

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.7	72.7	109.1
116	6.4	3.7	5.5#





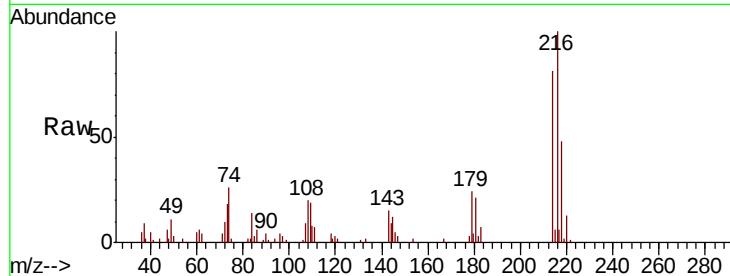
#37
 1,2,4,5-Tetrachlorobenzene
 Concen: 3.603 ng/ul
 RT: 12.13 min Scan# 1597
 Delta R.T. 0.00 min
 Lab File: BM026751.D
 Acq: 14 Jul 2020 14:07

Instrument :
 BNA_M
 ClientSampleId :
 MDL-SOIL-03

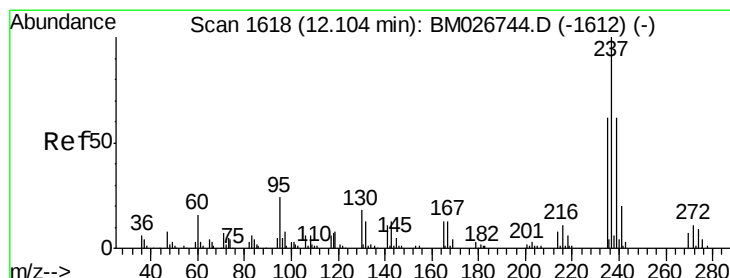
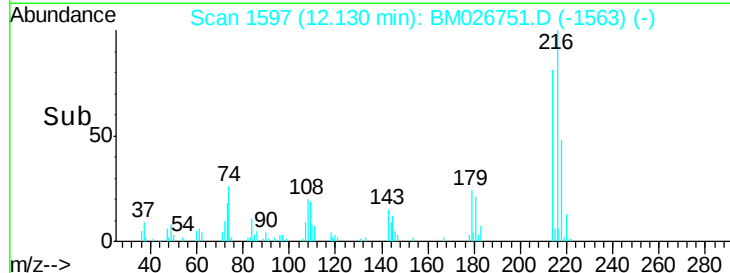
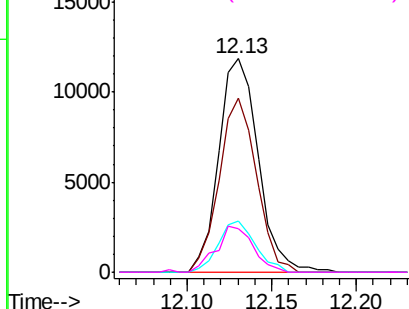
Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		19343		
214	81.4	61.5	92.3		
179	24.1	17.4	26.2		
108	20.4	15.0	22.6		

Manual Integrations
 APPROVED

mohammad
 7/20/2020 11:24:48 AM

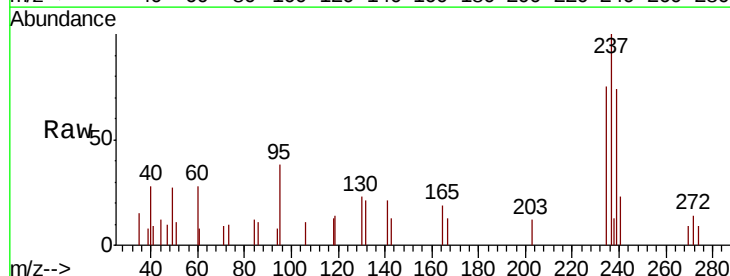


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

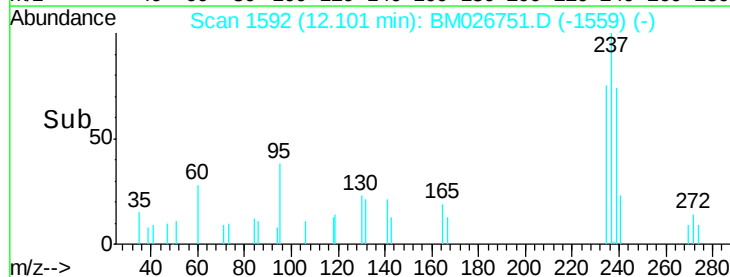
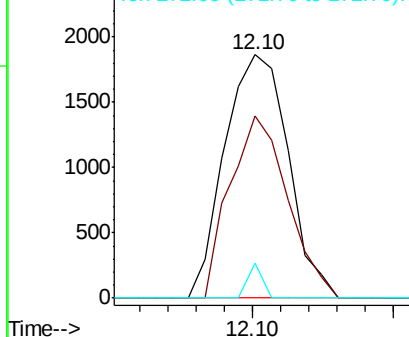


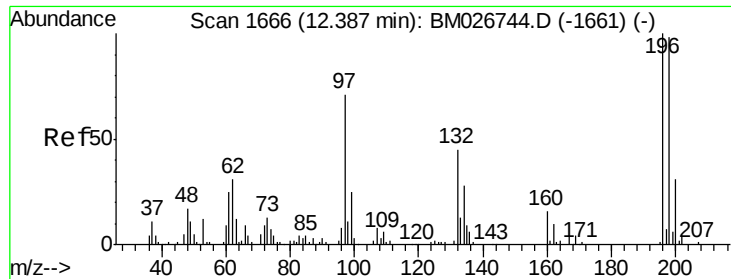
#38
 Hexachlorocyclopentadiene
 Concen: 1.063 ng/ul
 RT: 12.10 min Scan# 1592
 Delta R.T. -0.00 min
 Lab File: BM026751.D
 Acq: 14 Jul 2020 14:07

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		2912		
235	74.7	50.2	75.4		
272	14.5	10.1	15.1		



Abundance Ion 237.00 (236.70 to 237.70): E
 Ion 235.00 (234.70 to 235.70): E
 Ion 272.00 (271.70 to 272.70): E





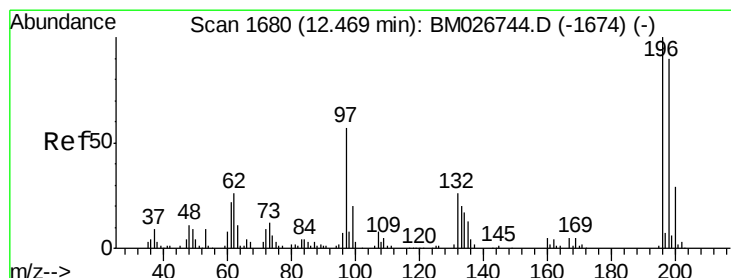
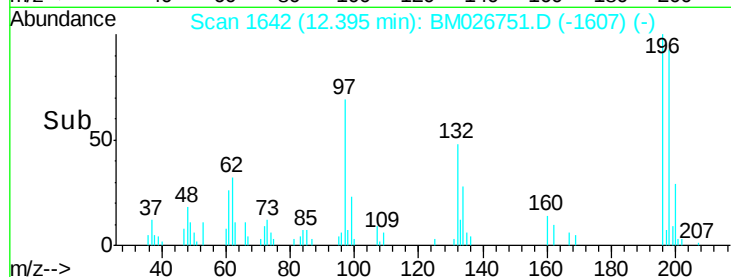
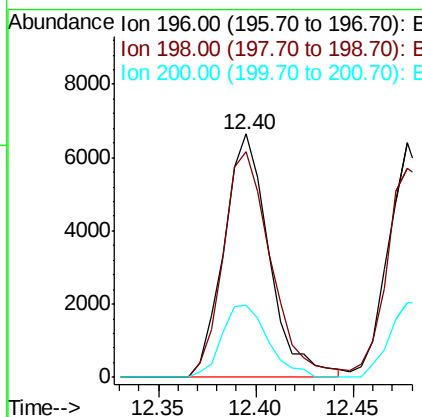
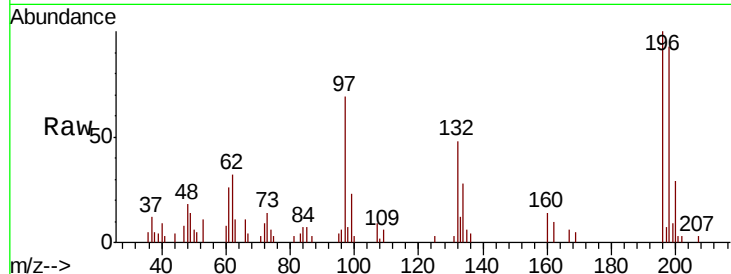
#39
 2,4,6-Trichlorophenol
 Concen: 3.363 ng/ul
 RT: 12.40 min Scan# 1642
 Delta R.T. 0.01 min
 Lab File: BM026751.D
 Acq: 14 Jul 2020 14:07

Instrument :
 BNA_M
 ClientSampleId :
 MDL-SOIL-03

Tot Ion	Ratio	Resp	Lower	Upper
196	100			
198	92.7	79.8	119.6	
200	29.4	25.2	37.8	

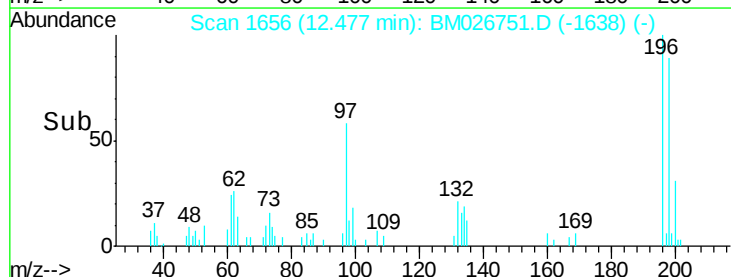
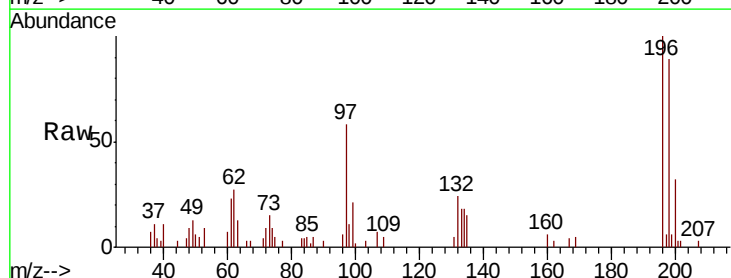
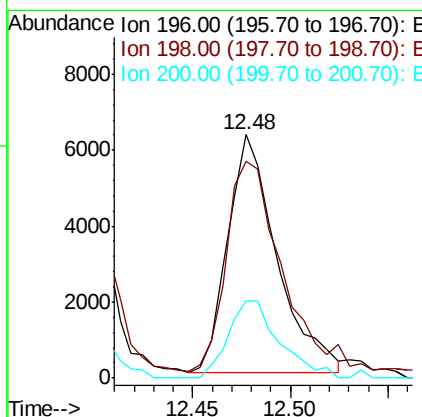
Manual Integrations
 APPROVED

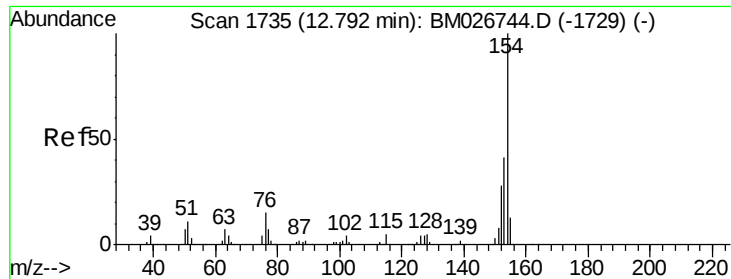
mohammad
 7/20/2020 11:24:48 AM



#40
 2,4,5-Trichlorophenol
 Concen: 3.140 ng/ul
 RT: 12.48 min Scan# 1656
 Delta R.T. 0.01 min
 Lab File: BM026751.D
 Acq: 14 Jul 2020 14:07

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	89.2	72.4	108.6	
200	31.9	23.8	35.8	





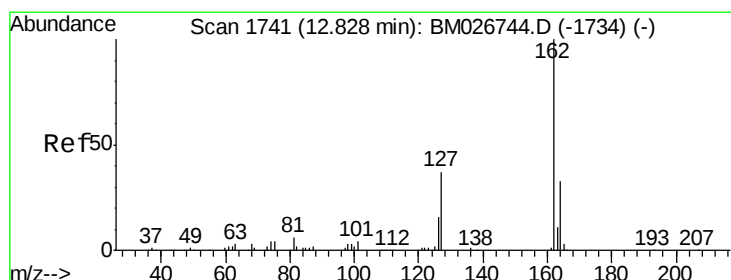
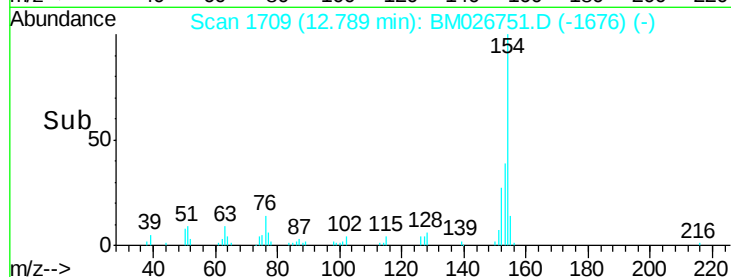
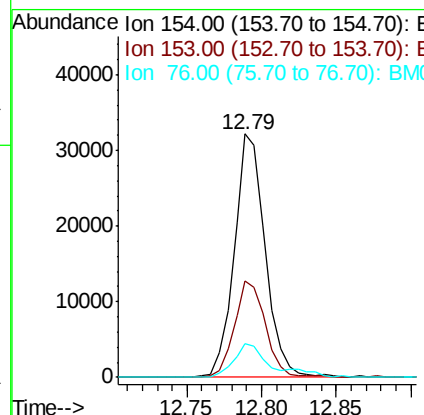
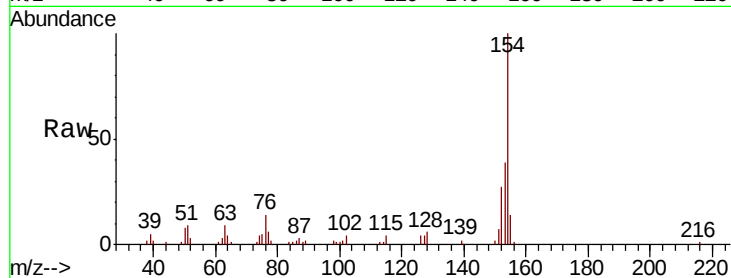
#41
1,1'-Biphenyl
Concen: 3.650 ng/ul
RT: 12.79 min Scan# 1709
Delta R.T. -0.00 min
Lab File: BM026751.D
Acq: 14 Jul 2020 14:07

Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03

Tot Ion	Ratio	Lower	Upper
154	100		
153	39.4	32.9	49.3
76	13.8	11.7	17.5

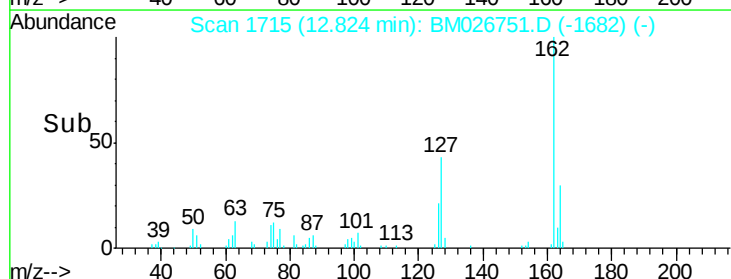
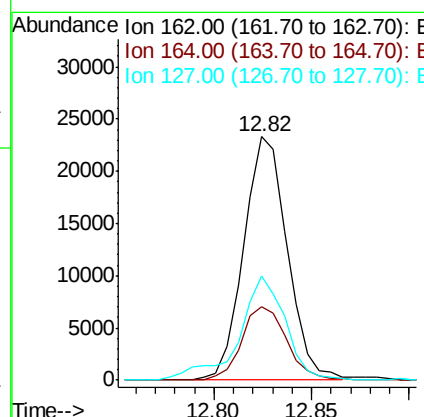
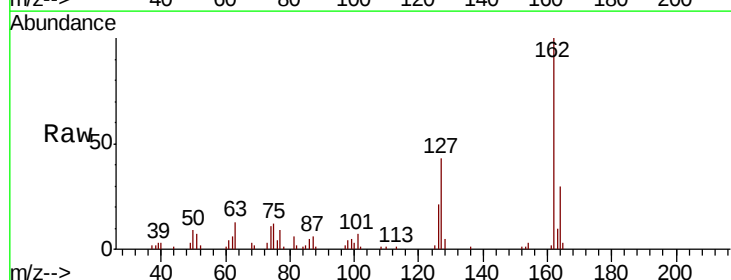
Manual Integrations
APPROVED

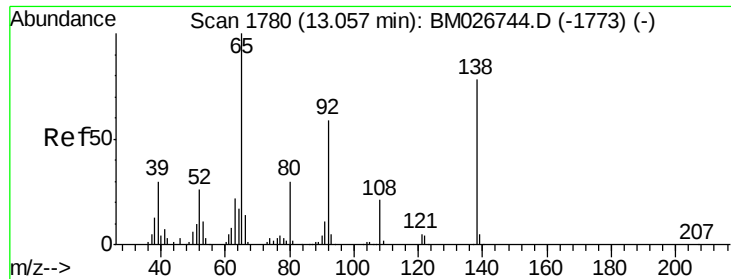
mohammad
7/20/2020 11:24:48 AM



#42
2-Chloronaphthalene
Concen: 3.590 ng/ul
RT: 12.82 min Scan# 1715
Delta R.T. -0.00 min
Lab File: BM026751.D
Acq: 14 Jul 2020 14:07

Tgt Ion	Ratio	Lower	Upper
162	100		
164	30.1	26.9	40.3
127	42.7	33.6	50.4





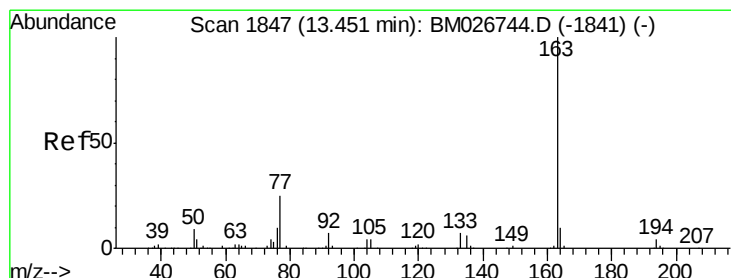
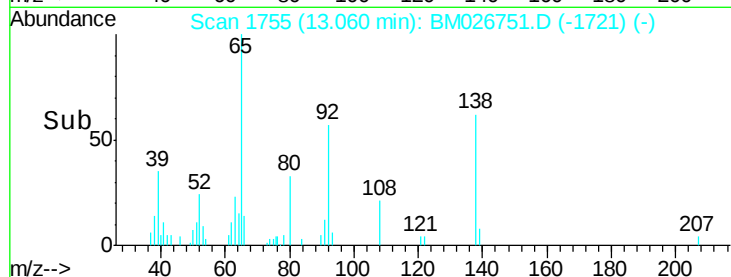
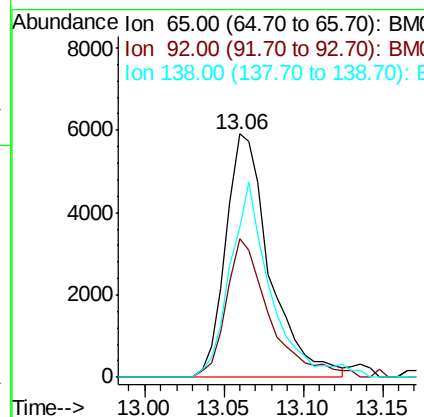
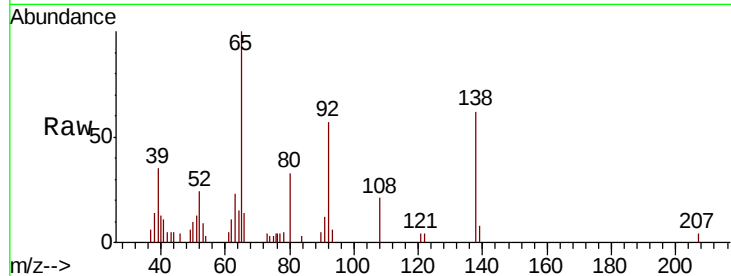
#43
2-Nitroaniline
Concen: 3.376 ng/ul
RT: 13.06 min Scan# 1755
Delta R.T. 0.00 min
Lab File: BM026751.D
Acq: 14 Jul 2020 14:07

Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03

Tot Ion	Ratio	Lower	Upper
65	100		
92	57.2	48.4	72.6
138	61.9	65.3	97.9#

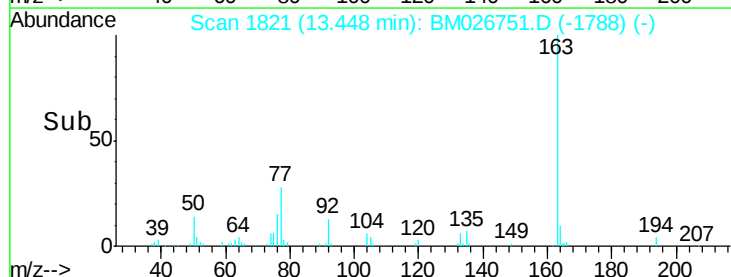
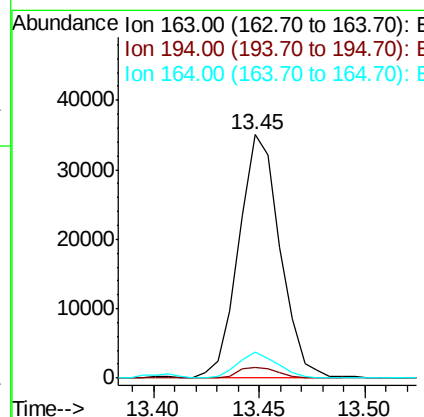
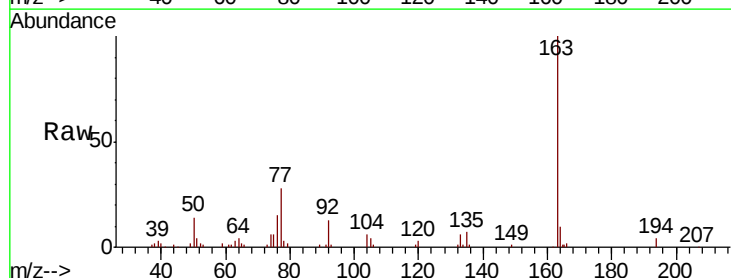
Manual Integrations
APPROVED

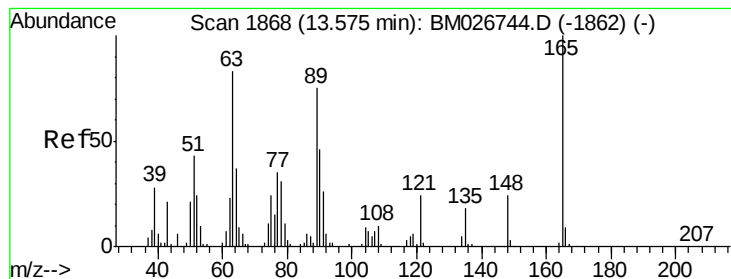
mohammad
7/20/2020 11:24:48 AM



#45
Dimethylphthalate
Concen: 3.854 ng/ul
RT: 13.45 min Scan# 1821
Delta R.T. -0.00 min
Lab File: BM026751.D
Acq: 14 Jul 2020 14:07

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.5	5.3
164	10.5	7.8	11.6





#46

2,6-Dinitrotoluene

Concen: 3.271 ng/ul

RT: 13.58 min Scan# 1843

Delta R.T. 0.00 min

Lab File: BM026751.D

Acq: 14 Jul 2020 14:07

Instrument :

BNA_M

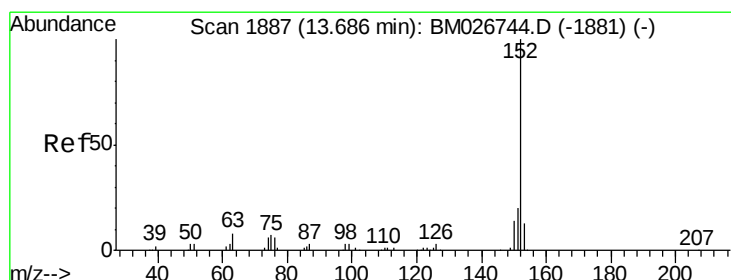
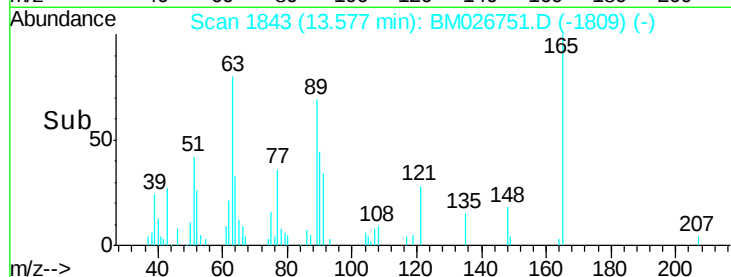
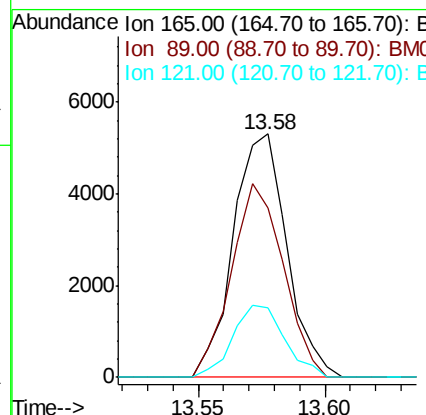
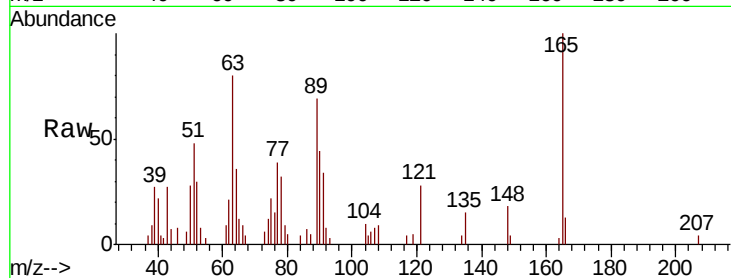
ClientSampleId :

MDL-SOIL-03

Tot Ion:	165	Resp:	7796
Ion Ratio	Lower	Upper	
165	100		
89	69.5	54.2	81.4
121	28.3	18.2	27.4#

Manual Integrations
APPROVED

mohammad
7/20/2020 11:24:48 AM



#48

Acenaphthylene

Concen: 3.655 ng/ul

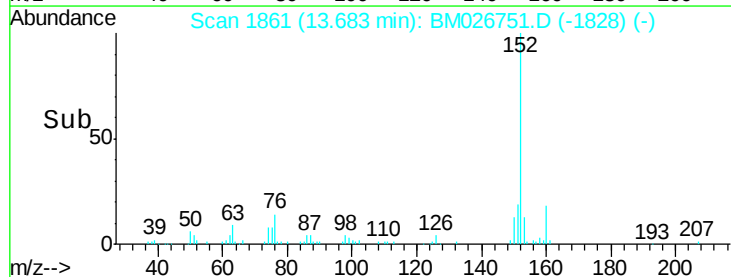
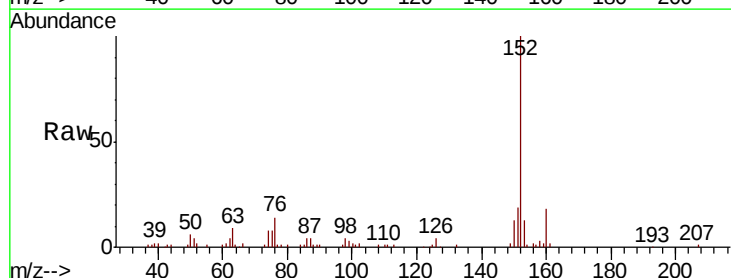
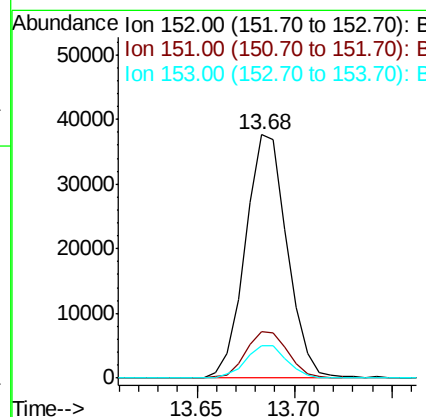
RT: 13.68 min Scan# 1861

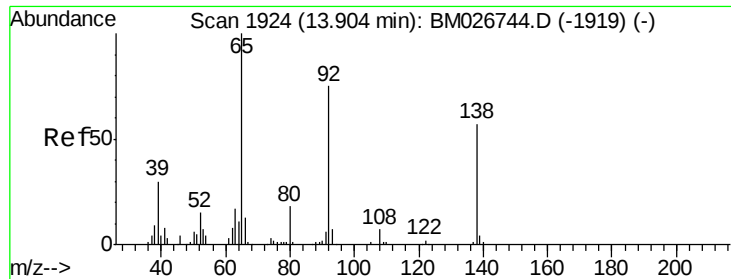
Delta R.T. -0.00 min

Lab File: BM026751.D

Acq: 14 Jul 2020 14:07

Tgt Ion:	152	Resp:	55731
Ion Ratio	Lower	Upper	
152	100		
151	19.0	15.0	22.6
153	13.1	10.6	16.0





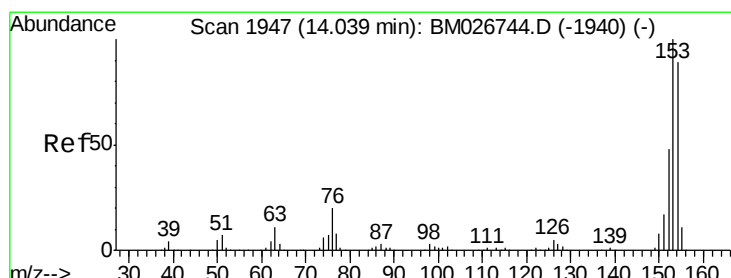
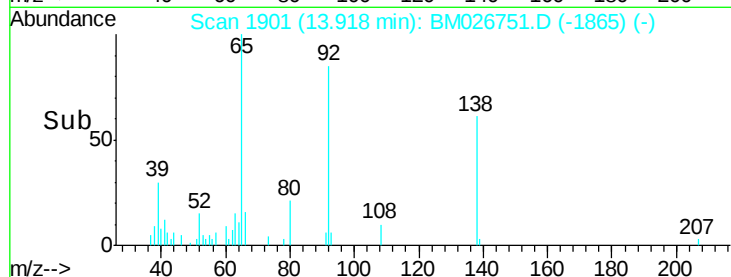
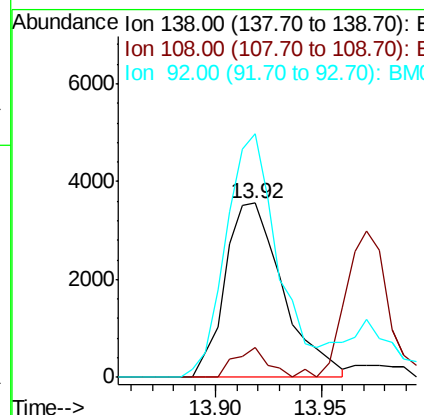
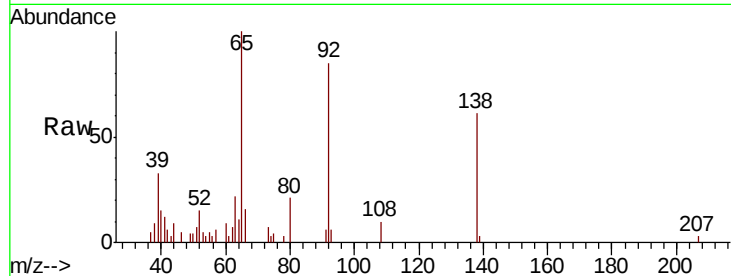
#49
3-Nitroaniline
Concen: 3.413 ng/ul
RT: 13.92 min Scan# 1901
Delta R.T. 0.01 min
Lab File: BM026751.D
Acq: 14 Jul 2020 14:07

Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03

Tot Ion:138 Resp: 6763
Ion Ratio Lower Upper
138 100
108 17.0 10.6 16.0#
92 139.9 108.6 162.8

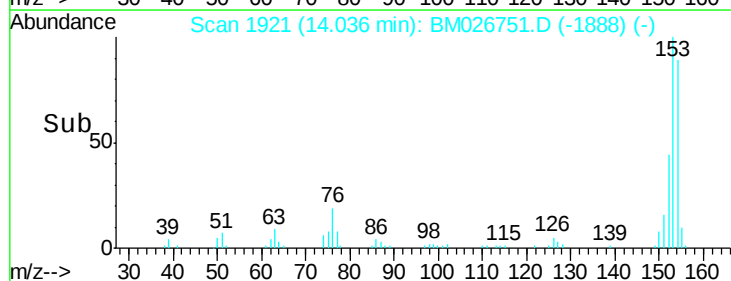
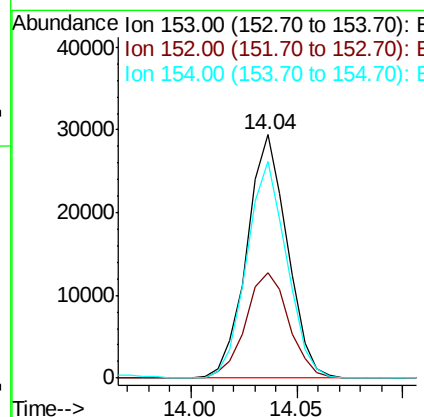
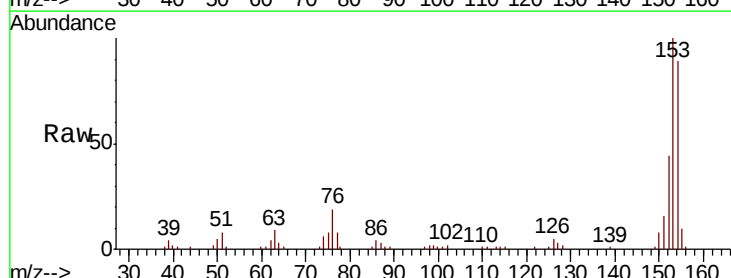
Manual Integrations
APPROVED

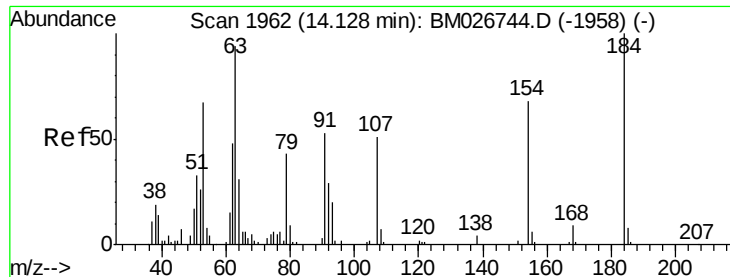
mohammad
7/20/2020 11:24:48 AM



#50
Acenaphthene
Concen: 3.638 ng/ul
RT: 14.04 min Scan# 1921
Delta R.T. -0.00 min
Lab File: BM026751.D
Acq: 14 Jul 2020 14:07

Tgt Ion:153 Resp: 39210
Ion Ratio Lower Upper
153 100
152 43.5 37.7 56.5
154 88.8 71.3 106.9





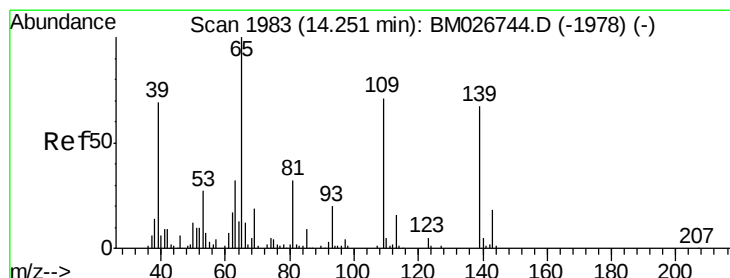
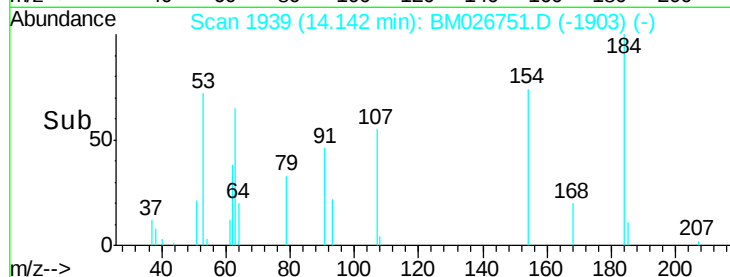
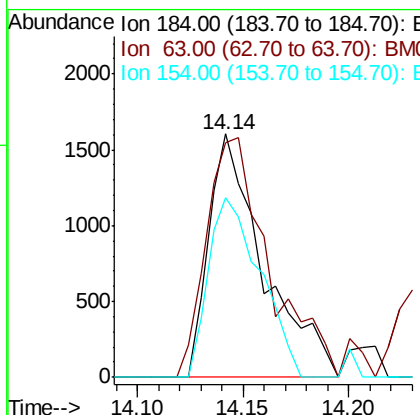
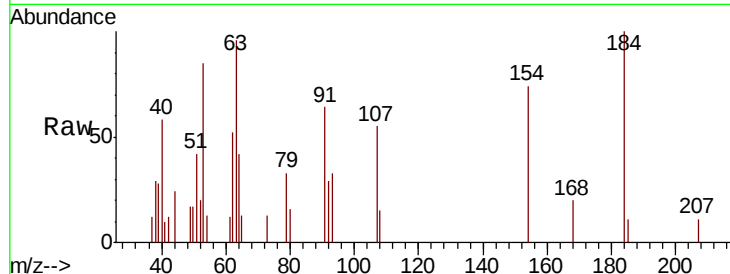
#51
2,4-Dinitrophenol
Concen: 2.326 ng/ul
RT: 14.14 min Scan# 1939
Delta R.T. 0.01 min
Lab File: BM026751.D
Acq: 14 Jul 2020 14:07

Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03

Tot Ion	Ratio	Lower	Upper
184	100		
63	96.2	74.6	111.8
154	73.8	58.8	88.2

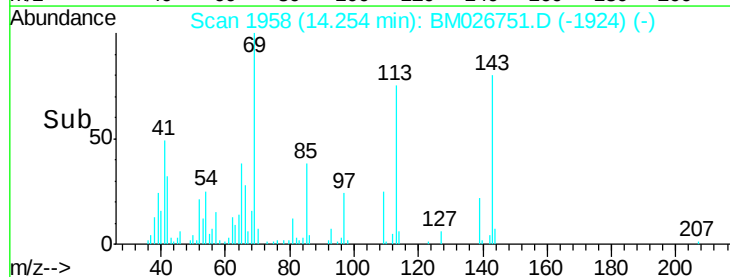
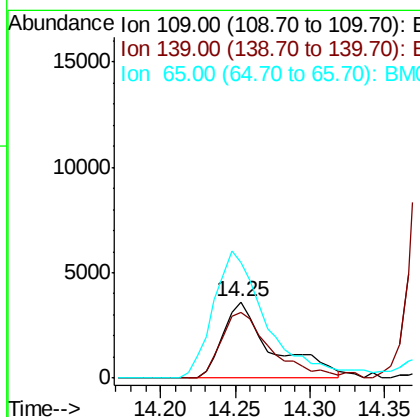
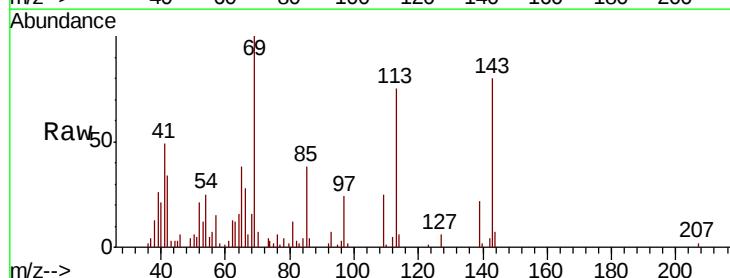
Manual Integrations
APPROVED

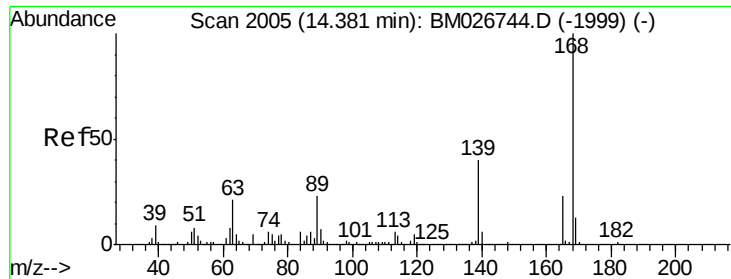
mohammad
7/20/2020 11:24:48 AM



#53
4-Nitrophenol
Concen: 4.720 ng/ul m
RT: 14.25 min Scan# 1958
Delta R.T. 0.00 min
Lab File: BM026751.D
Acq: 14 Jul 2020 14:07

Tgt Ion	Ratio	Lower	Upper
109	100		
139	86.9	87.5	131.3#
65	151.5	119.4	179.2





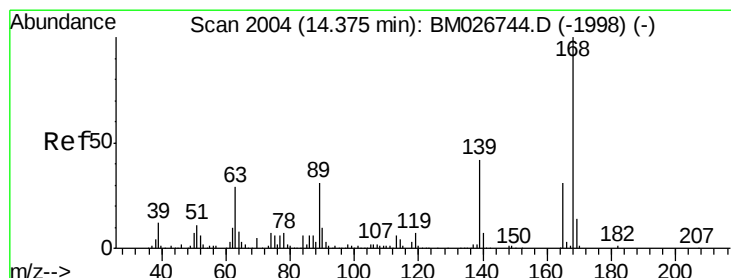
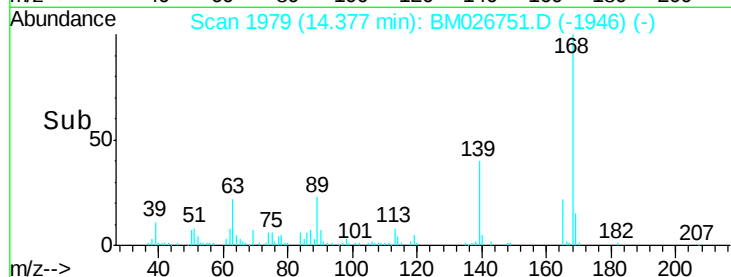
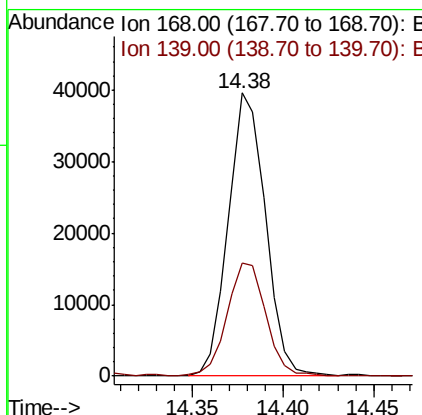
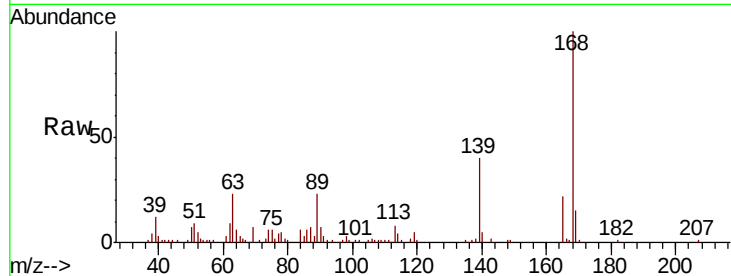
#54
Dibenzo(f,h)quinoxaline
Concen: 3.700 ng/ul
RT: 14.38 min Scan# 1979
Delta R.T. -0.00 min
Lab File: BM026751.D
Acq: 14 Jul 2020 14:07

Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03

Tot Ion	Ratio	Lower	Upper
168	100		
139	40.1	31.1	46.7

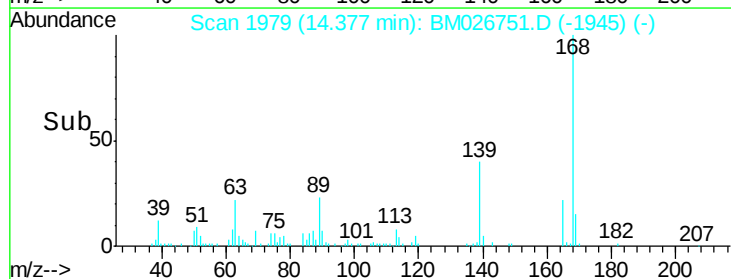
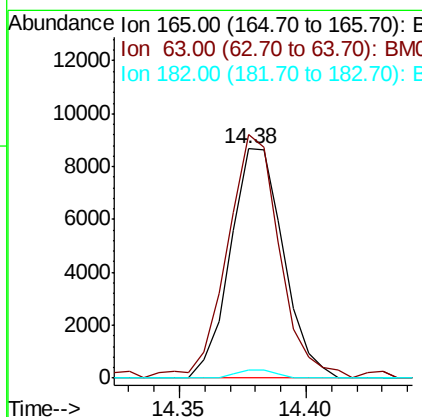
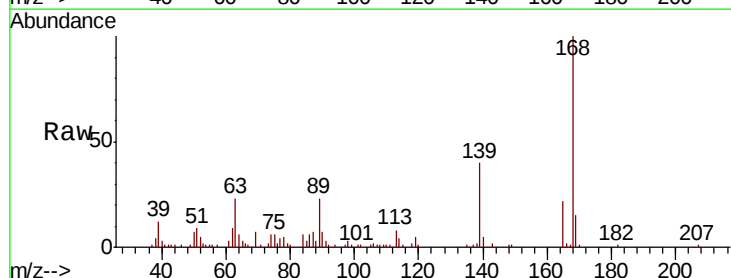
Manual Integrations
APPROVED

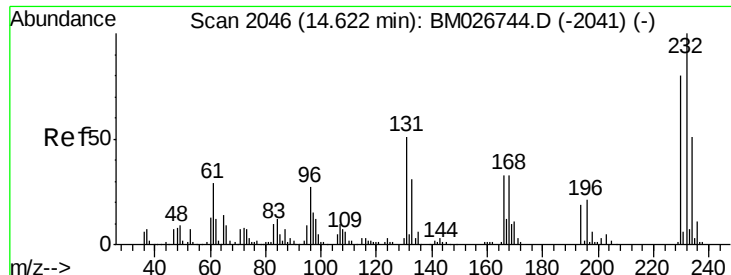
mohammad
7/20/2020 11:24:48 AM



#55
2,4-Dinitrotoluene
Concen: 3.544 ng/ul
RT: 14.38 min Scan# 1979
Delta R.T. 0.00 min
Lab File: BM026751.D
Acq: 14 Jul 2020 14:07

Tgt Ion	Ratio	Lower	Upper
165	100		
63	106.2	65.3	97.9#
182	3.4	2.2	3.4#





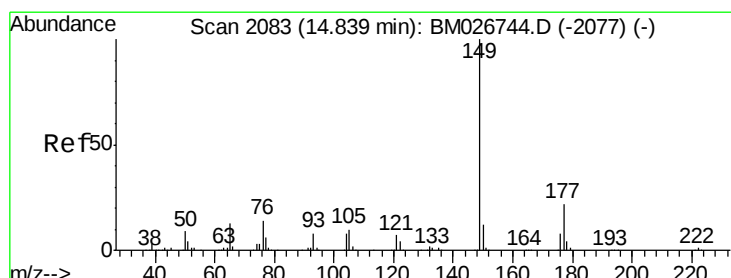
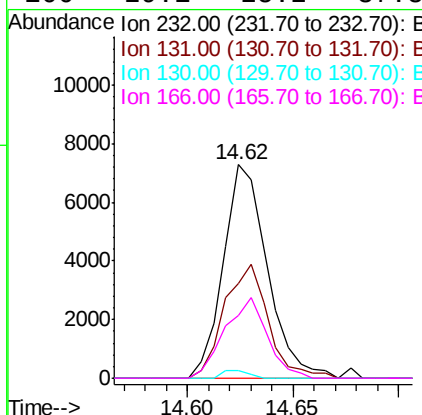
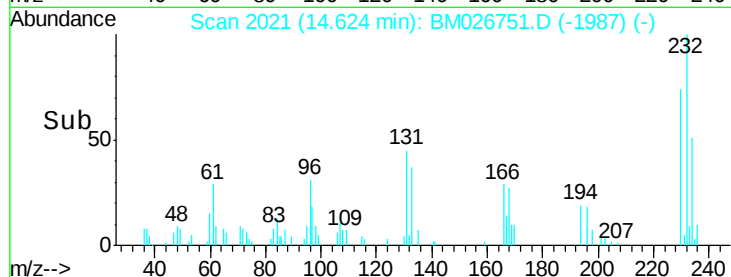
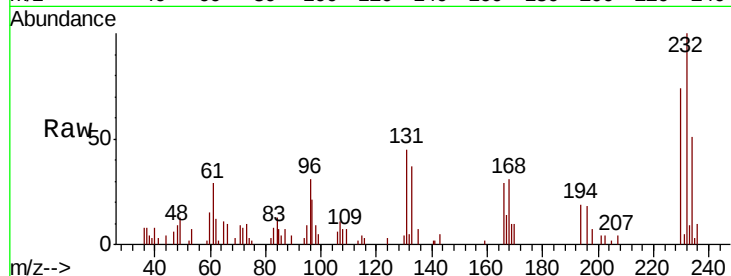
#56
 2,3,4,6-Tetrachlorophenol
 Concen: 3.527 ng/ul
 RT: 14.62 min Scan# 2021
 Delta R.T. 0.00 min
 Lab File: BM026751.D
 Acq: 14 Jul 2020 14:07

Instrument :
 BNA_M
 ClientSampleId :
 MDL-SOIL-03

Tot Ion	Ratio	Lower	Upper
232	100		
131	44.6	33.4	50.0
130	3.5	2.2	3.2
166	29.1	25.2	37.8

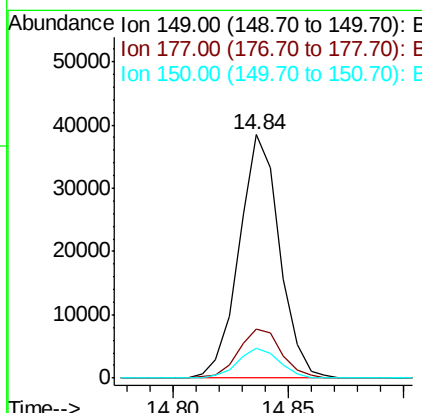
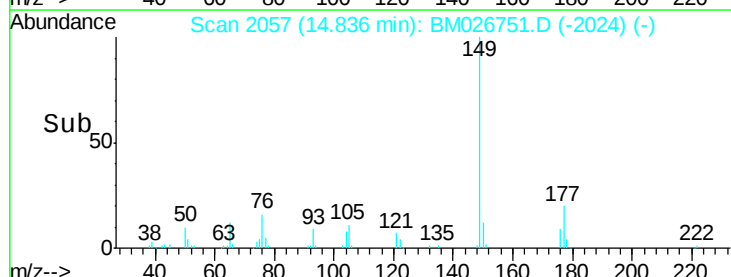
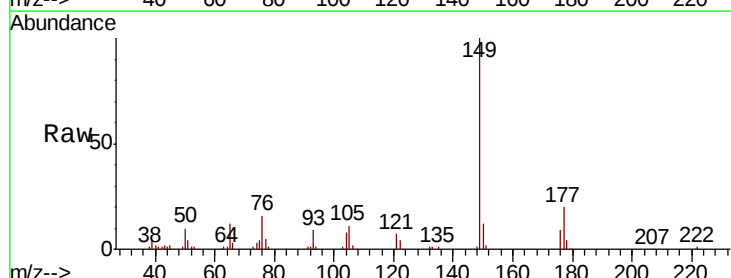
Manual Integrations
 APPROVED

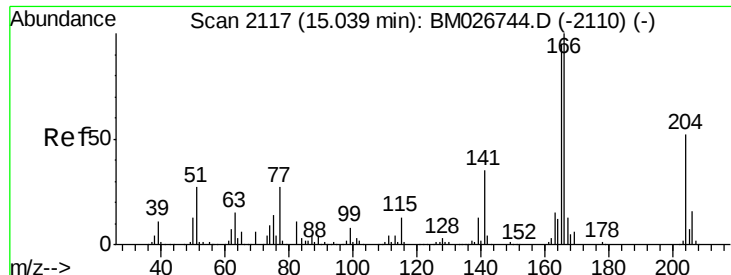
mohammad
 7/20/2020 11:24:48 AM



#57
 Diethylphthalate
 Concen: 3.799 ng/ul
 RT: 14.84 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: BM026751.D
 Acq: 14 Jul 2020 14:07

Tgt Ion	Ratio	Lower	Upper
149	100		
177	20.1	16.6	25.0
150	12.4	10.0	15.0





#59

Fluorene

Concen: 3.616 ng/ul

RT: 15.04 min Scan# 2091

Delta R.T. -0.00 min

Lab File: BM026751.D

Acq: 14 Jul 2020 14:07

Instrument :

BNA_M

ClientSampleId :

MDL-SOIL-03

Tot Ion:166 Resp: 45180

Ion Ratio Lower Upper

166 100

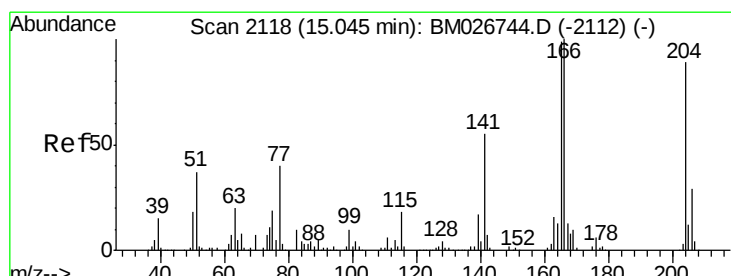
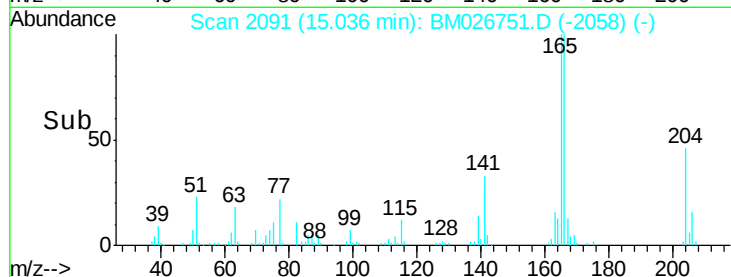
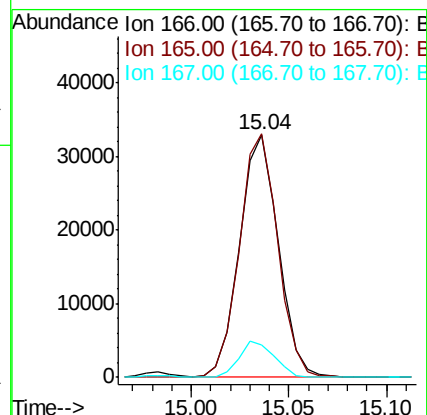
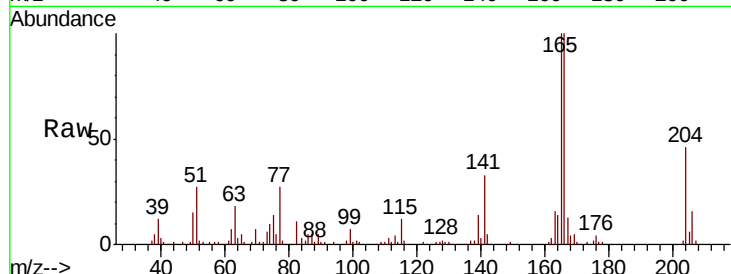
165 100.5 77.0 115.4

167 13.3 10.7 16.1

Manual Integrations
APPROVED

mohammad

7/20/2020 11:24:48 AM



#60

4-Chlorophenyl-phenylether

Concen: 3.723 ng/ul

RT: 15.04 min Scan# 2092

Delta R.T. -0.00 min

Lab File: BM026751.D

Acq: 14 Jul 2020 14:07

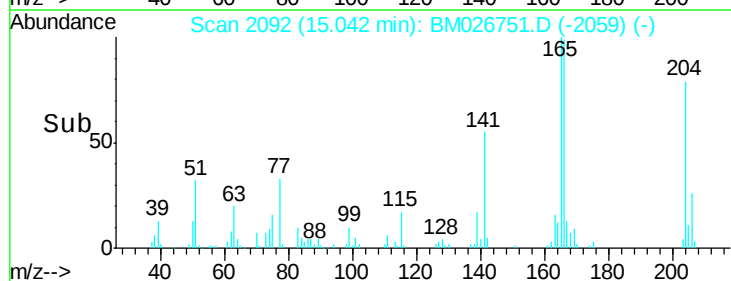
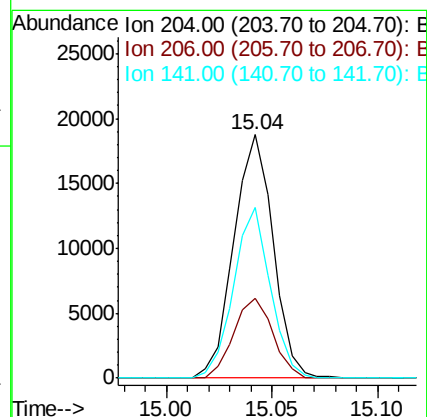
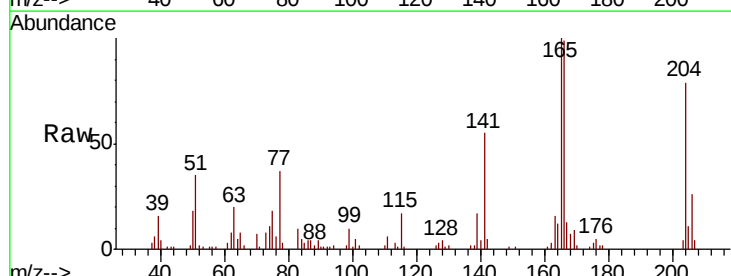
Tgt Ion:204 Resp: 24174

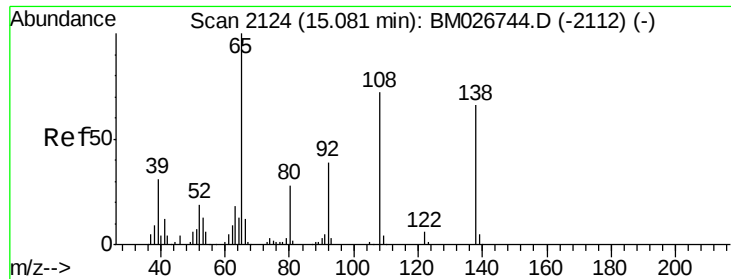
Ion Ratio Lower Upper

204 100

206 32.8 25.3 37.9

141 70.1 50.3 75.5





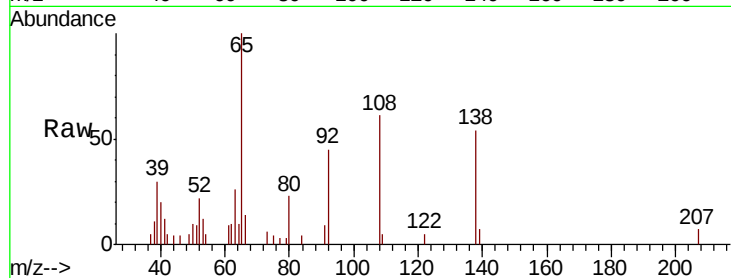
#61
4-Nitroaniline
Concen: 2.910 ng/ul
RT: 15.09 min Scan# 2100
Delta R.T. 0.01 min
Lab File: BM026751.D
Acq: 14 Jul 2020 14:07

Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03

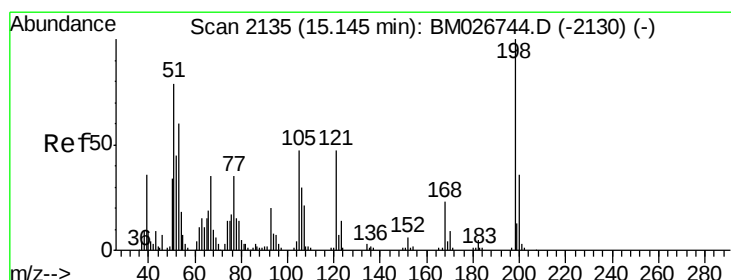
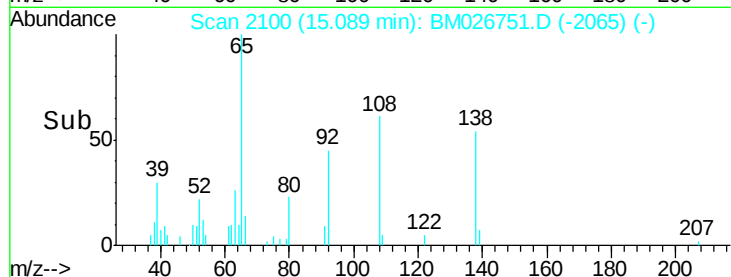
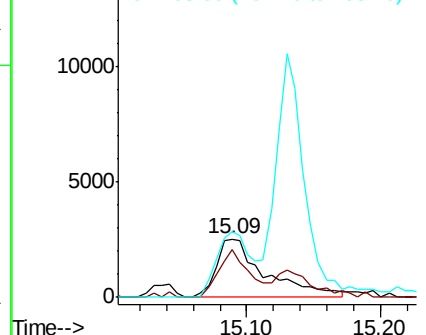
Tot Ion	Ratio	Lower	Upper
138	100		
92	82.7	47.7	71.5#
108	112.0	82.6	123.8

Manual Integrations
APPROVED

mohammad
7/20/2020 11:24:48 AM



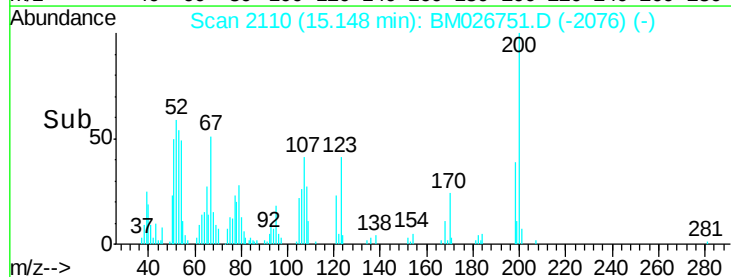
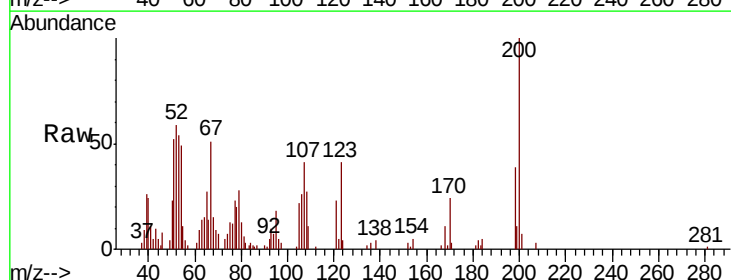
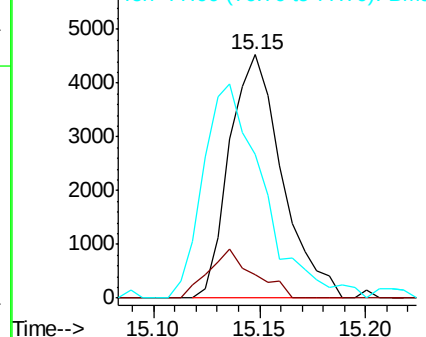
Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BM0
Ion 108.00 (107.70 to 108.70): E

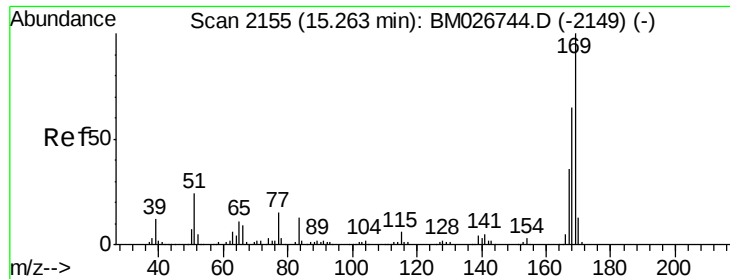


#64
4,6-Dinitro-2-methylphenol
Concen: 3.752 ng/ul
RT: 15.15 min Scan# 2110
Delta R.T. 0.00 min
Lab File: BM026751.D
Acq: 14 Jul 2020 14:07

Tgt Ion	Ratio	Lower	Upper
198	100		
182	9.7	4.0	6.0#
77	59.0	26.7	40.1#

Abundance Ion 198.00 (197.70 to 198.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 77.00 (76.70 to 77.70): BM0





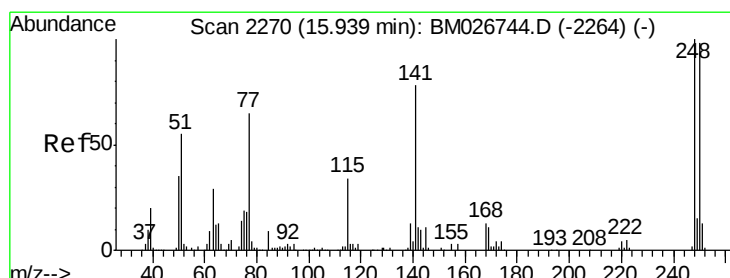
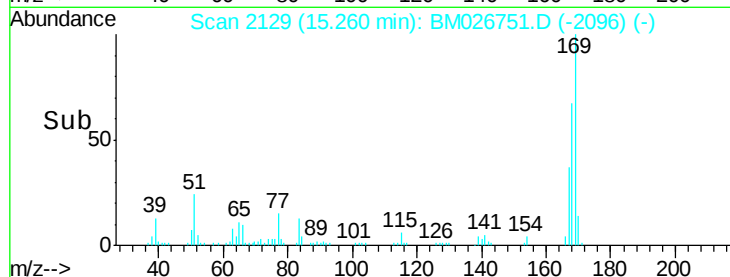
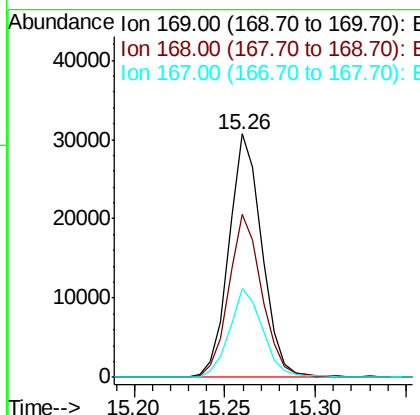
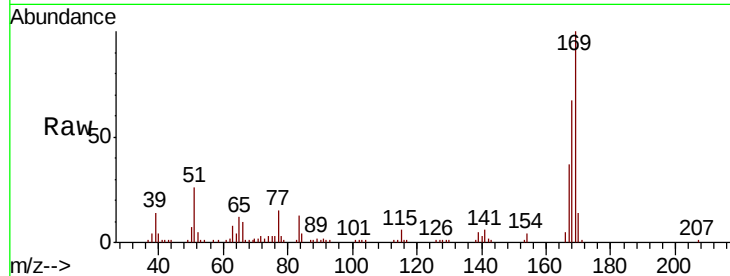
#65
N-Nitrosodiphenylamine
Concen: 3.691 ng/ul
RT: 15.26 min Scan# 2129
Delta R.T. -0.00 min
Lab File: BM026751.D
Acq: 14 Jul 2020 14:07

Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03

Tot Ion	Ratio	Lower	Upper
169	100		
168	66.9	51.7	77.5
167	36.6	28.4	42.6

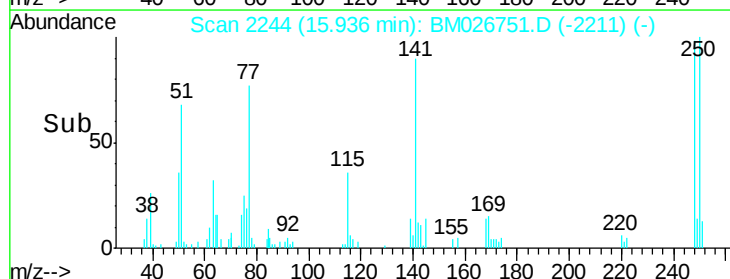
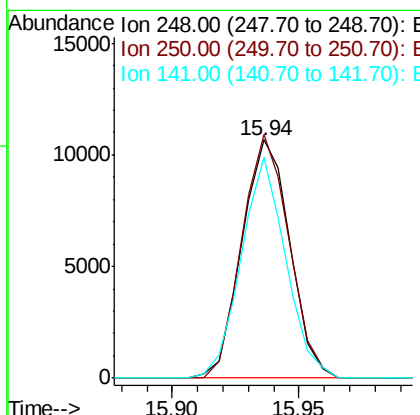
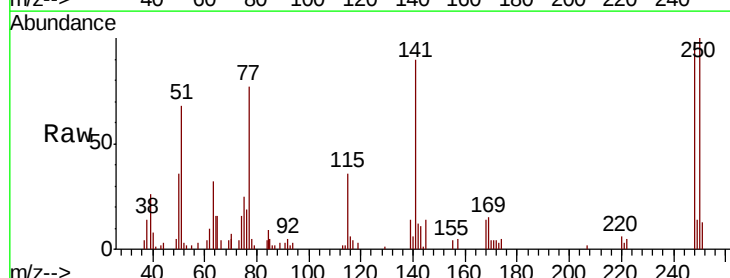
Manual Integrations
APPROVED

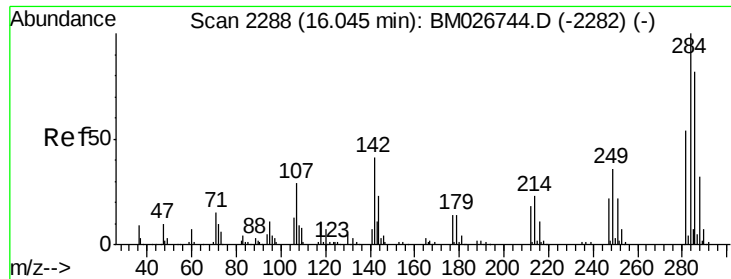
mohammad
7/20/2020 11:24:48 AM



#66
4-Bromophenyl-phenylether
Concen: 3.701 ng/ul
RT: 15.94 min Scan# 2244
Delta R.T. -0.00 min
Lab File: BM026751.D
Acq: 14 Jul 2020 14:07

Tgt Ion	Ratio	Lower	Upper
248	100		
250	102.2	77.4	116.0
141	92.4	66.1	99.1





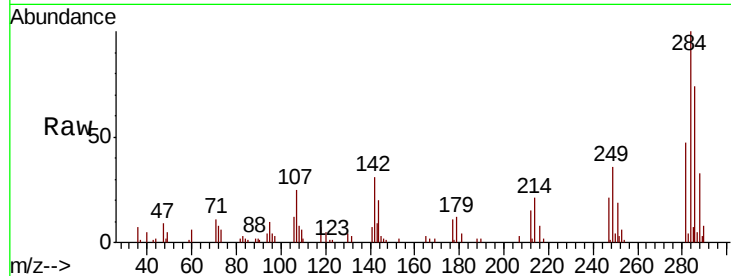
#67
Hexachlorobenzene
Concen: 3.718 ng/ul
RT: 16.05 min Scan# 2263
Delta R.T. 0.00 min
Lab File: BM026751.D
Acq: 14 Jul 2020 14:07

Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03

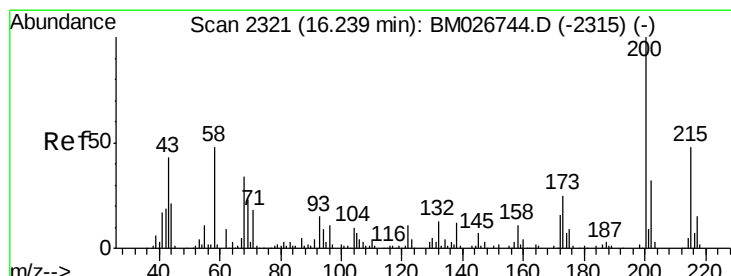
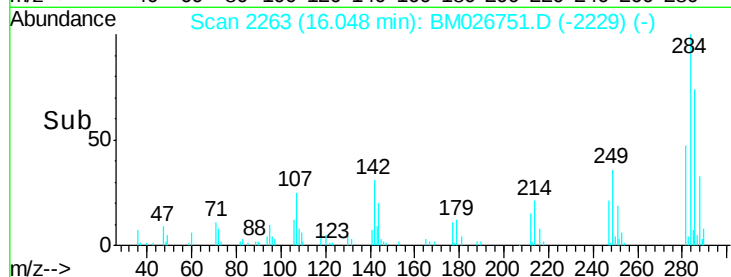
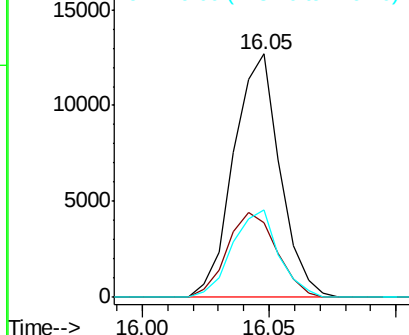
Tot Ion	Ratio	Lower	Upper
284	100		
142	30.8	27.1	40.7
249	35.8	25.8	38.6

Manual Integrations
APPROVED

mohammad
7/20/2020 11:24:48 AM

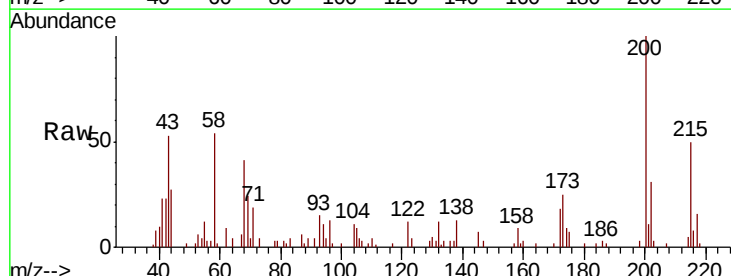


Abundance Ion 284.00 (283.70 to 284.70): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

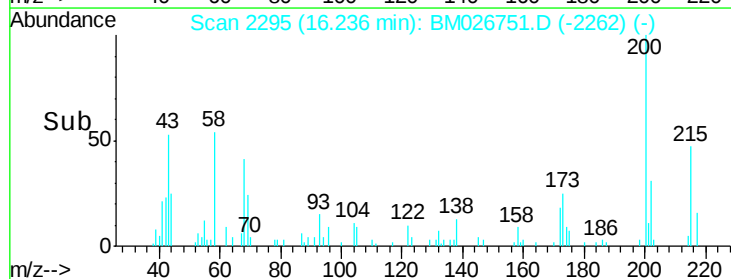
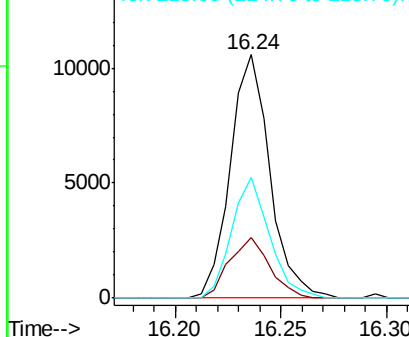


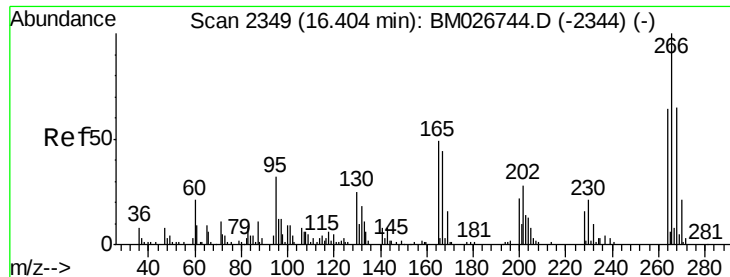
#68
Atrazine
Concen: 4.002 ng/ul
RT: 16.24 min Scan# 2295
Delta R.T. -0.00 min
Lab File: BM026751.D
Acq: 14 Jul 2020 14:07

Tgt Ion	Ratio	Lower	Upper
200	100		
173	24.8	20.8	31.2
215	49.8	37.8	56.8



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E





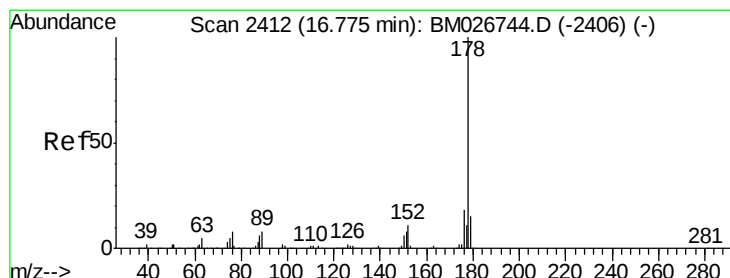
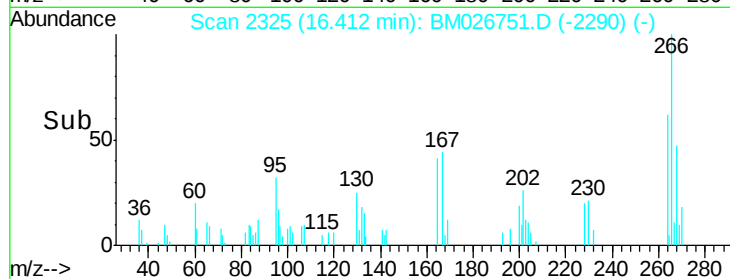
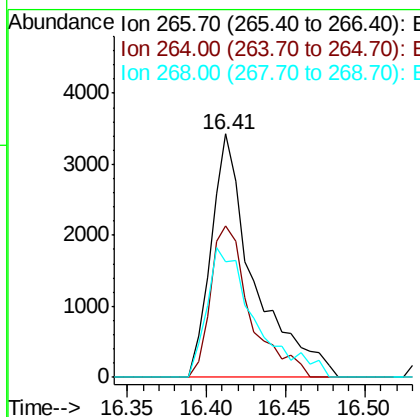
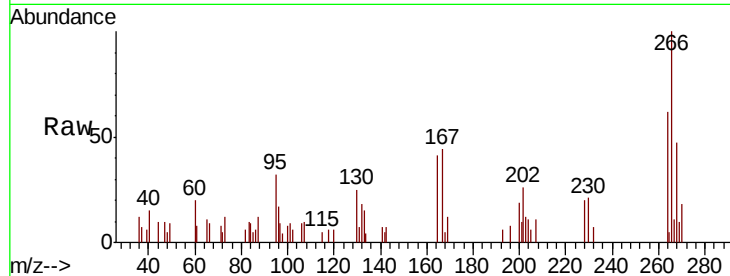
#69
 Pentachlorophenol
 Concen: 3.006 ng/ul
 RT: 16.41 min Scan# 2325
 Delta R.T. 0.01 min
 Lab File: BM026751.D
 Acq: 14 Jul 2020 14:07

Instrument :
 BNA_M
 ClientSampleId :
 MDL-SOIL-03

Tot Ion	Ratio	Lower	Upper
266	100		
264	67.8	49.9	74.9
268	47.3	51.4	77.0

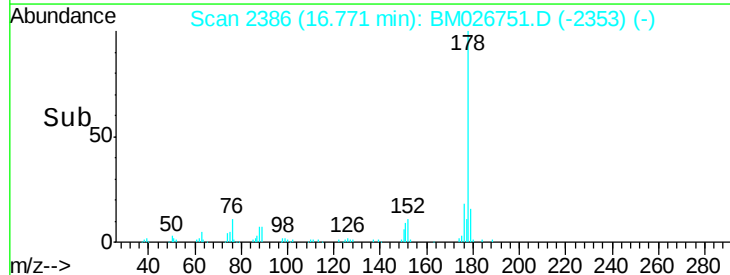
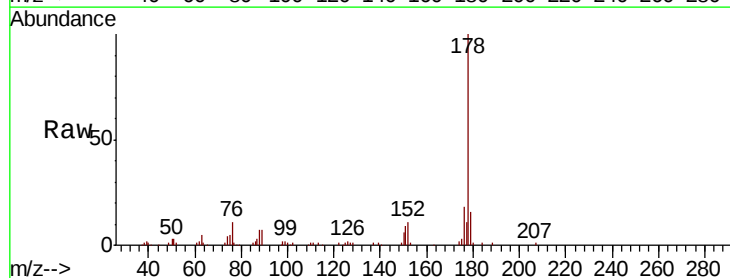
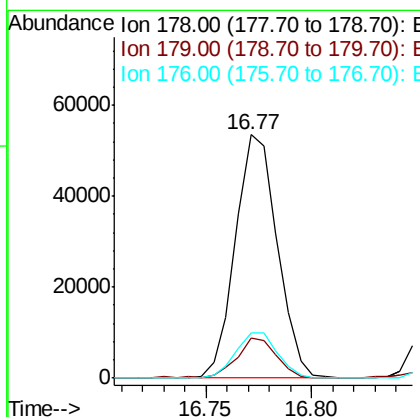
Manual Integrations
 APPROVED

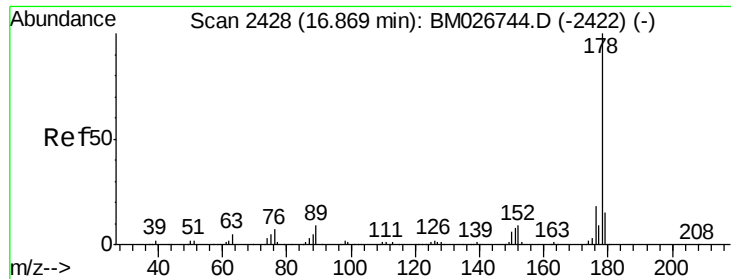
mohammad
 7/20/2020 11:24:48 AM



#70
 Phenanthrene
 Concen: 3.770 ng/ul
 RT: 16.77 min Scan# 2386
 Delta R.T. -0.00 min
 Lab File: BM026751.D
 Acq: 14 Jul 2020 14:07

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.2	12.4	18.6
176	18.4	14.3	21.5





#72

Anthracene

Concen: 3.894 ng/ul

RT: 16.87 min Scan# 2402

Delta R.T. -0.00 min

Lab File: BM026751.D

Acq: 14 Jul 2020 14:07

Instrument :

BNA_M

ClientSampleId :

MDL-SOIL-03

Tot Ion:178 Resp: 77009

Ion Ratio Lower Upper

178 100

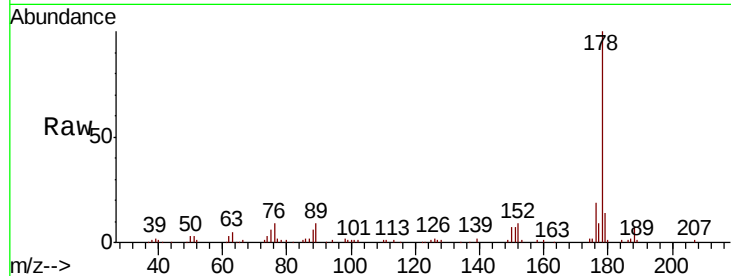
179 14.2 11.8 17.6

176 18.9 14.7 22.1

Manual Integrations
APPROVED

mohammad

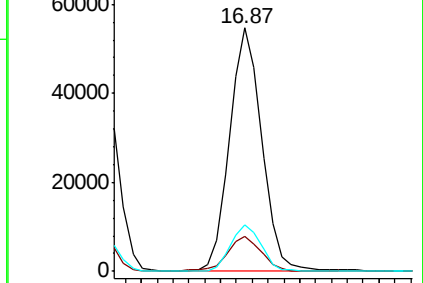
7/20/2020 11:24:48 AM



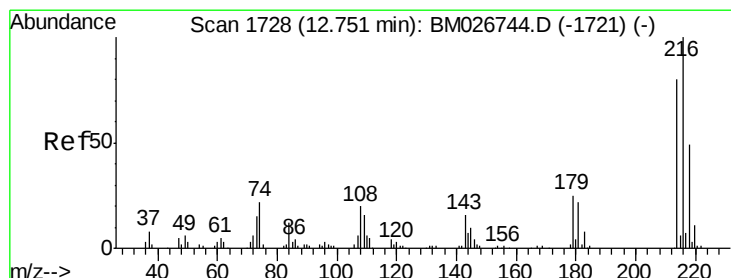
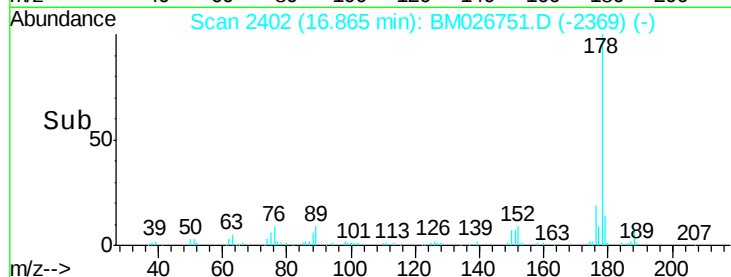
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



Time-->



#73

1,2,3,4-Tetrachlorobenzene

Concen: 3.593 ng/uL

RT: 12.75 min Scan# 1702

Delta R.T. -0.00 min

Lab File: BM026751.D

Acq: 14 Jul 2020 14:07

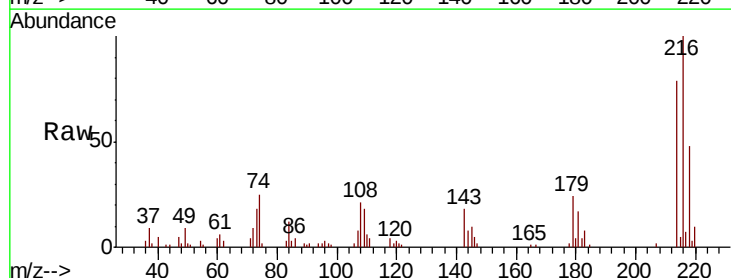
Tgt Ion:216 Resp: 19500

Ion Ratio Lower Upper

216 100

214 79.1 63.8 95.8

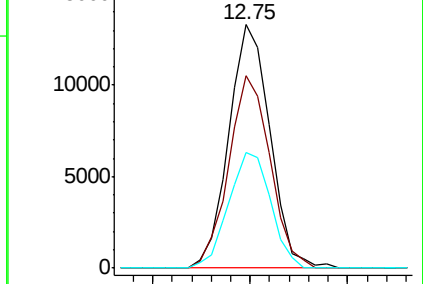
218 47.7 38.5 57.7



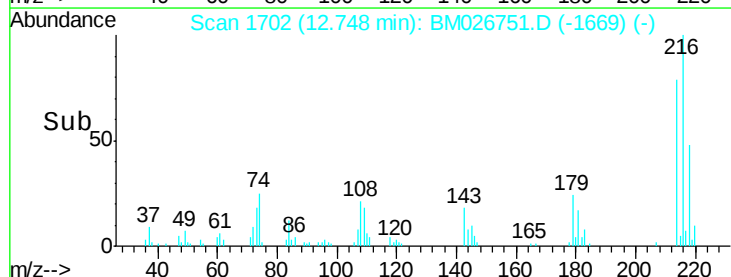
Abundance Ion 216.00 (215.70 to 216.70): E

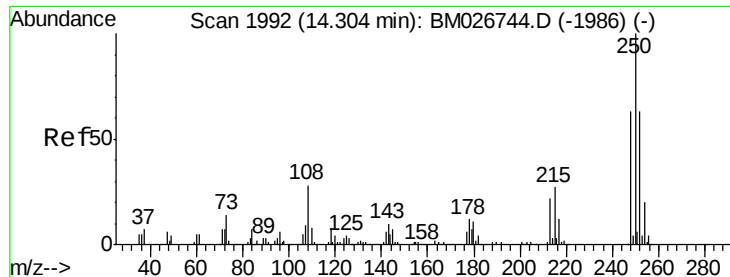
Ion 214.00 (213.70 to 214.70): E

Ion 218.00 (217.70 to 218.70): E



Time-->





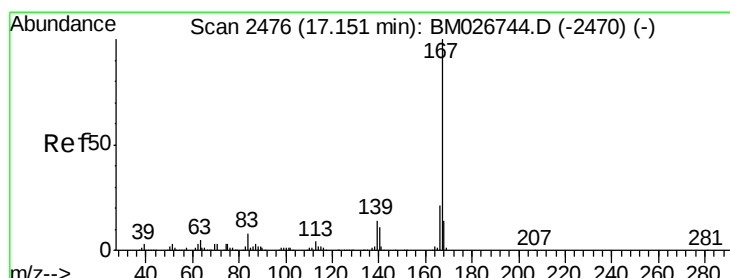
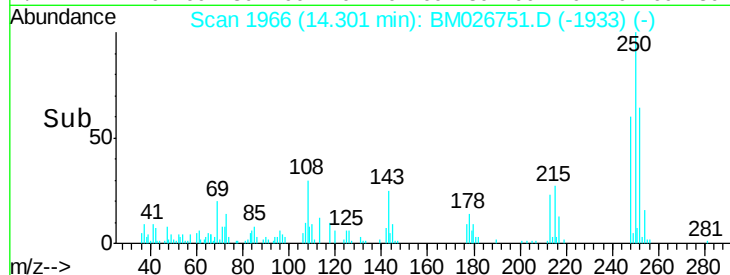
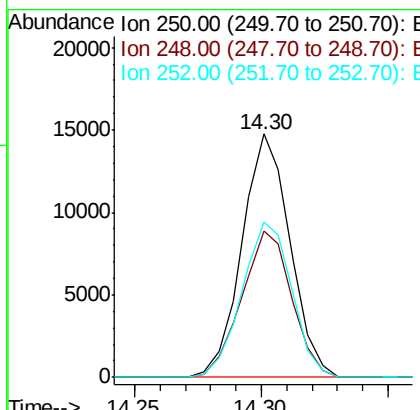
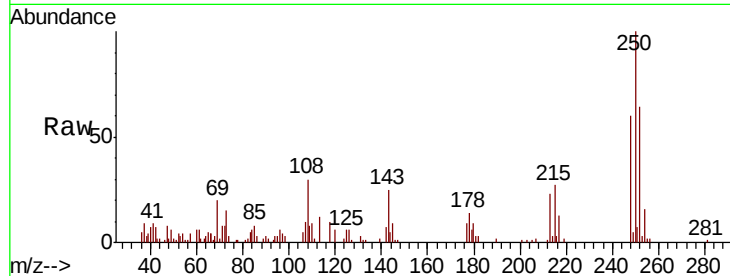
#74
 Pentachlorobenzene
 Concen: 3.746 ng/uL
 RT: 14.30 min Scan# 1966
 Delta R.T. -0.00 min
 Lab File: BM026751.D
 Acq: 14 Jul 2020 14:07

Instrument :
 BNA_M
 ClientSampleId :
 MDL-SOIL-03

Tot Ion	Ratio	Lower	Upper
250	100		
248	56.0	51.3	76.9
252	59.4	50.9	76.3

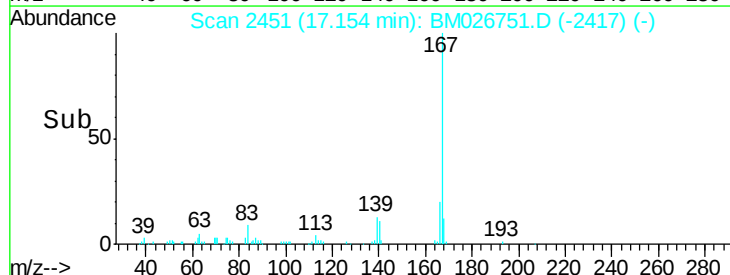
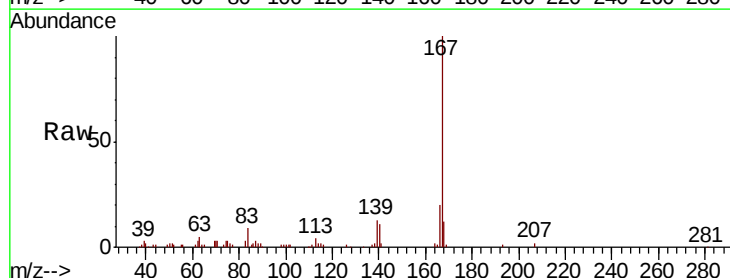
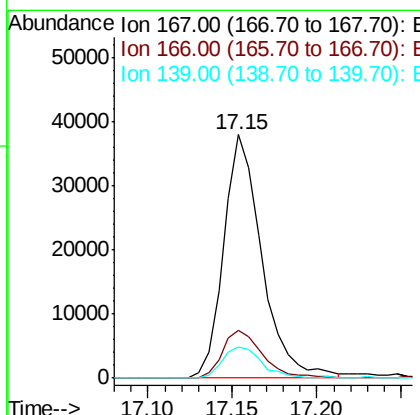
Manual Integrations
 APPROVED

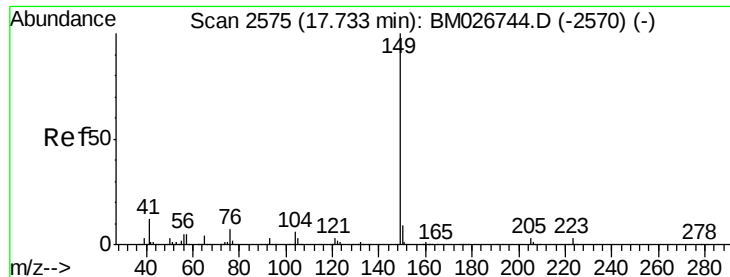
mohammad
 7/20/2020 11:24:48 AM



#75
 Carbazole
 Concen: 3.768 ng/uL
 RT: 17.15 min Scan# 2451
 Delta R.T. 0.00 min
 Lab File: BM026751.D
 Acq: 14 Jul 2020 14:07

Tgt Ion	Ratio	Lower	Upper
167	100		
166	19.6	17.4	26.0
139	13.0	10.6	15.8





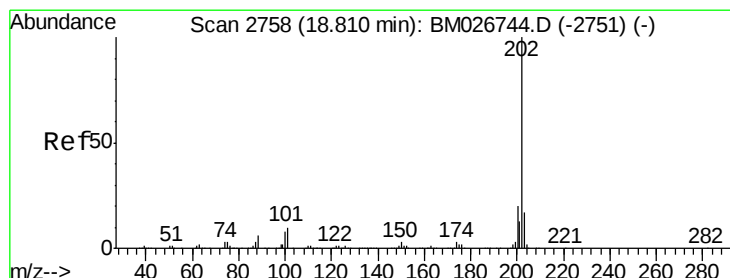
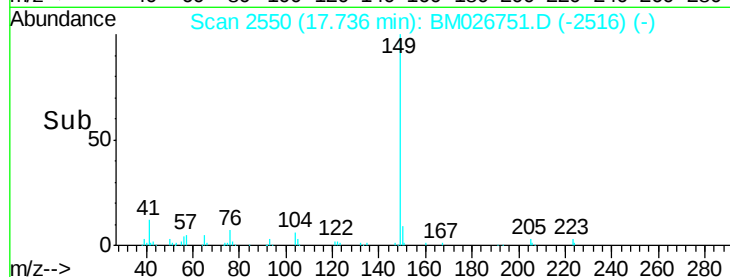
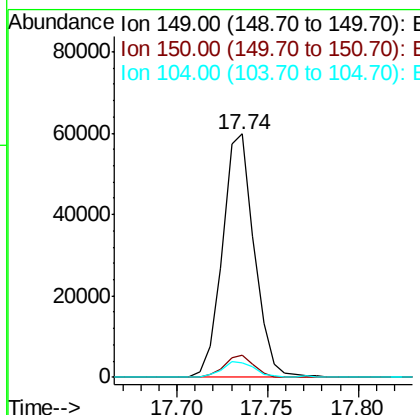
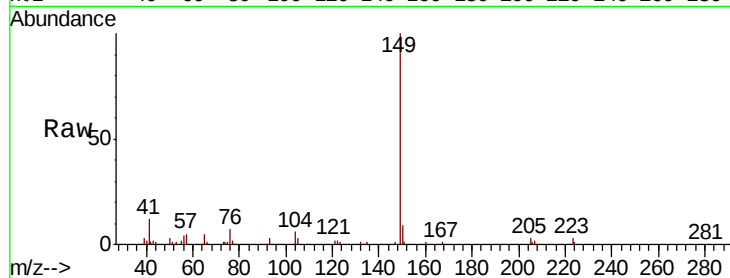
#76
Di-n-butylphthalate
Concen: 3.811 ng/ul
RT: 17.74 min Scan# 2550
Delta R.T. 0.00 min
Lab File: BM026751.D
Acq: 14 Jul 2020 14:07

Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03

Tot Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.1	10.7
104	5.8	5.2	7.8

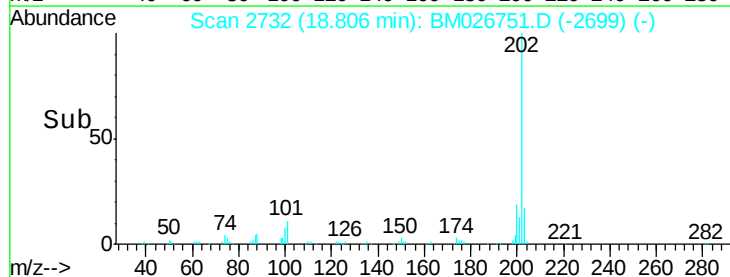
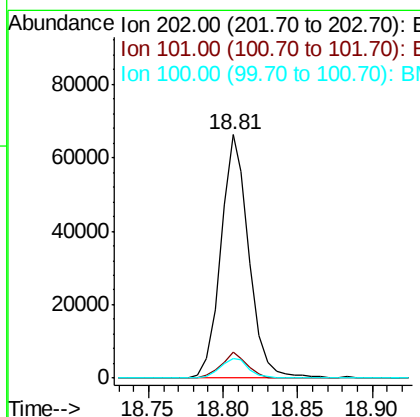
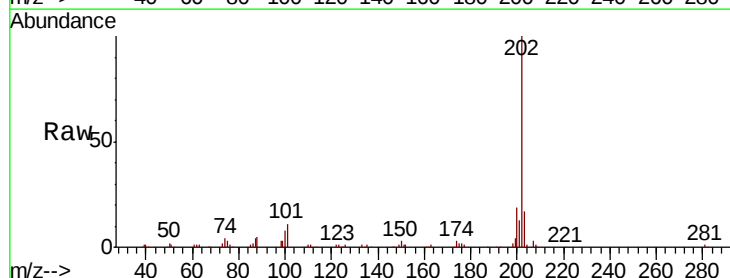
Manual Integrations
APPROVED

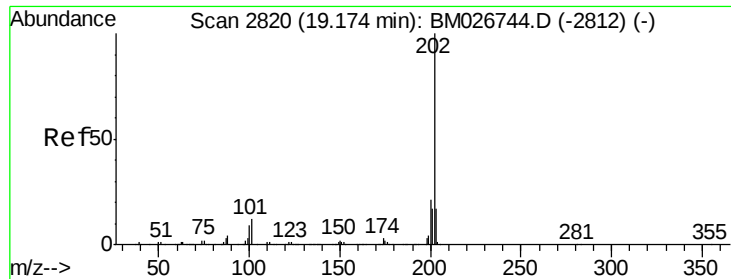
mohammad
7/20/2020 11:24:48 AM



#77
Fluoranthene
Concen: 4.297 ng/ul
RT: 18.81 min Scan# 2732
Delta R.T. -0.00 min
Lab File: BM026751.D
Acq: 14 Jul 2020 14:07

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.8	8.5	12.7
100	8.2	6.9	10.3





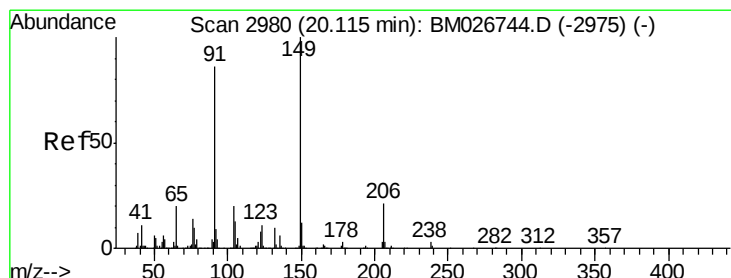
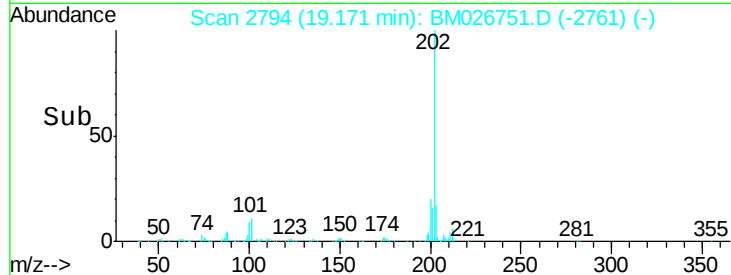
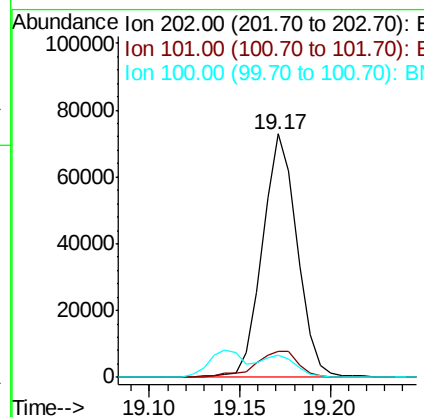
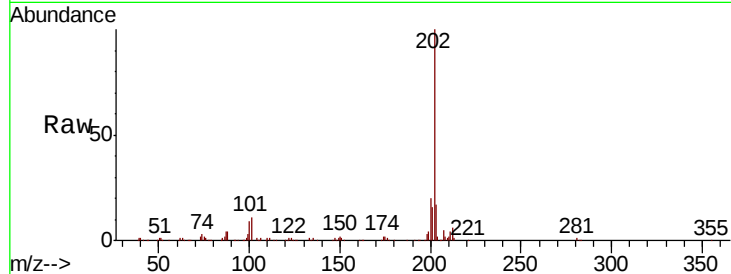
#80
Pvrene
Concen: 3.994 ng/ul
RT: 19.17 min Scan# 2794
Delta R.T. -0.00 min
Lab File: BM026751.D
Acq: 14 Jul 2020 14:07

Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	10.8	9.4	14.2
100	9.3	8.0	12.0

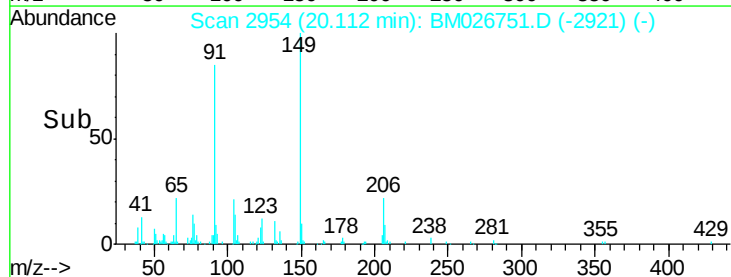
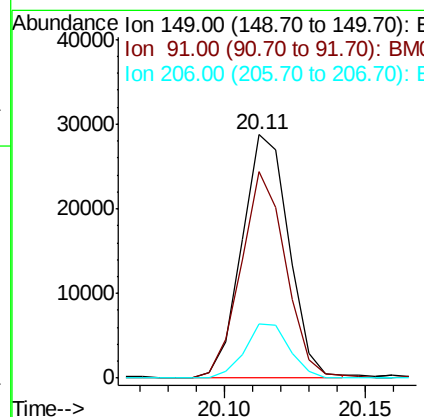
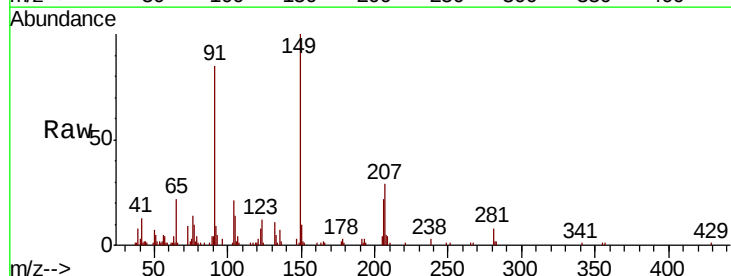
Manual Integrations
APPROVED

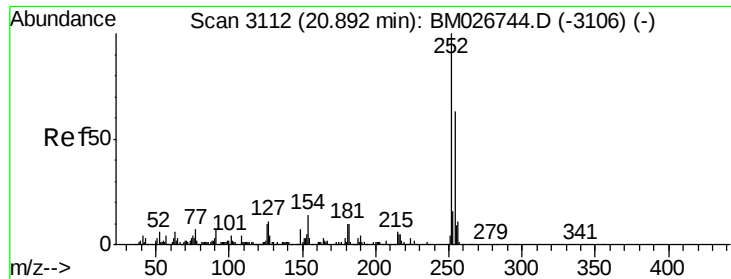
mohammad
7/20/2020 11:24:48 AM



#81
Butylbenzylphthalate
Concen: 3.844 ng/ul
RT: 20.11 min Scan# 2954
Delta R.T. -0.00 min
Lab File: BM026751.D
Acq: 14 Jul 2020 14:07

Tgt Ion	Ratio	Resp Lower	Upper
149	100		
91	84.8	66.4	99.6
206	22.5	16.3	24.5





#82

3,3'-Dichlorobenzidine

Concen: 3.158 ng/ul

RT: 20.89 min Scan# 3087

Delta R.T. 0.00 min

Lab File: BM026751.D

Acq: 14 Jul 2020 14:07

Instrument :

BNA_M

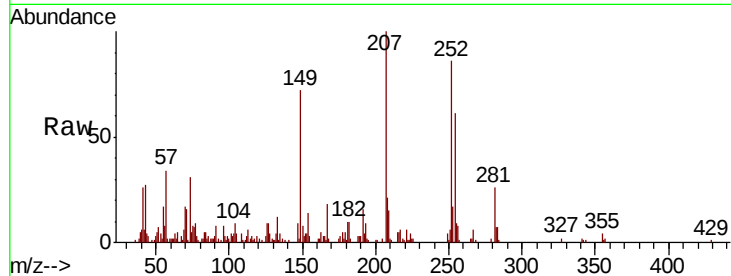
ClientSampleId :

MDL-SOIL-03

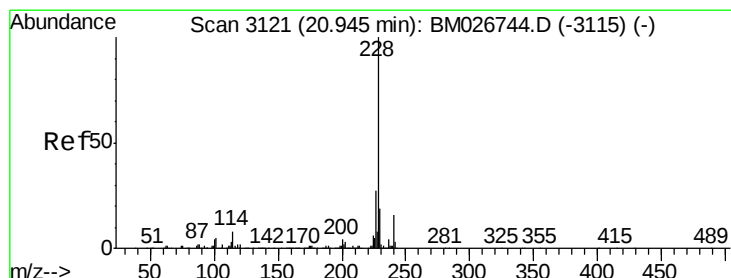
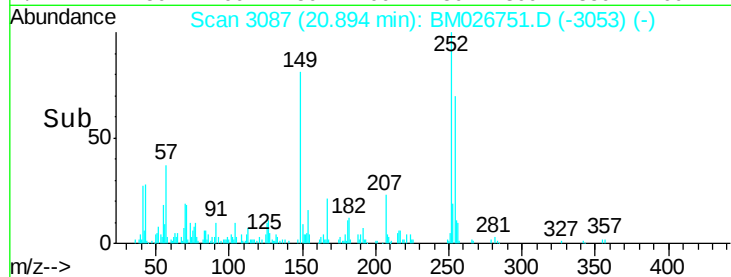
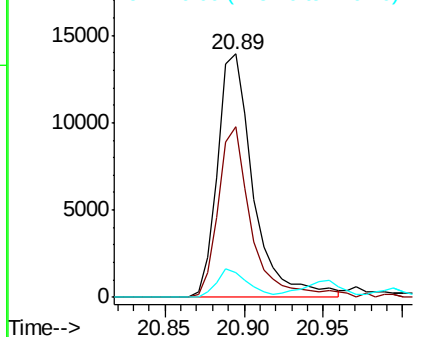
Tot Ion:	252	Resp:	21870
Ion Ratio	Lower	Upper	
252	100		
254	70.3	51.3	76.9
126	10.1	8.1	12.1

Manual Integrations
APPROVED

mohammad
7/20/2020 11:24:48 AM



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E



#83

Benzo(a)anthracene

Concen: 4.073 ng/ul

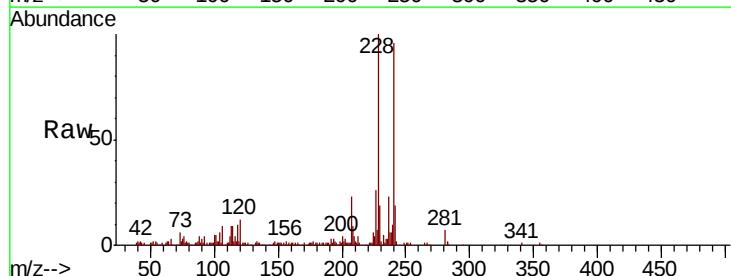
RT: 20.94 min Scan# 3095

Delta R.T. -0.00 min

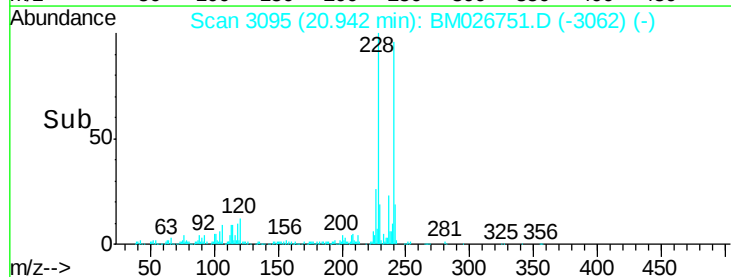
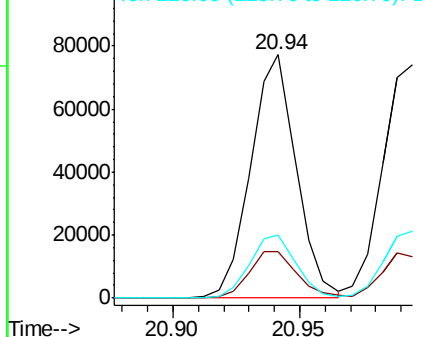
Lab File: BM026751.D

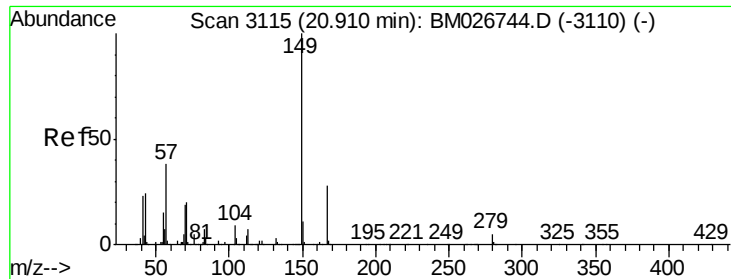
Acq: 14 Jul 2020 14:07

Tgt Ion:	228	Resp:	96345
Ion Ratio	Lower	Upper	
228	100		
229	19.2	15.4	23.0
226	25.8	21.2	31.8



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 229.00 (228.70 to 229.70): E
Ion 226.00 (225.70 to 226.70): E





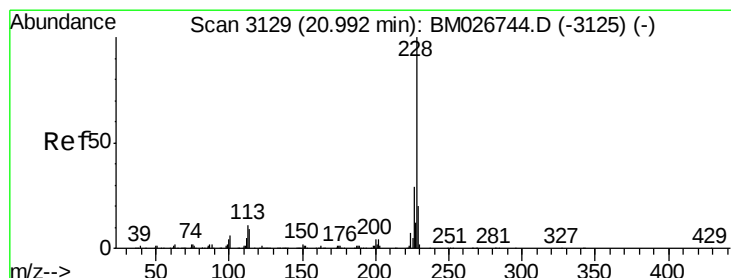
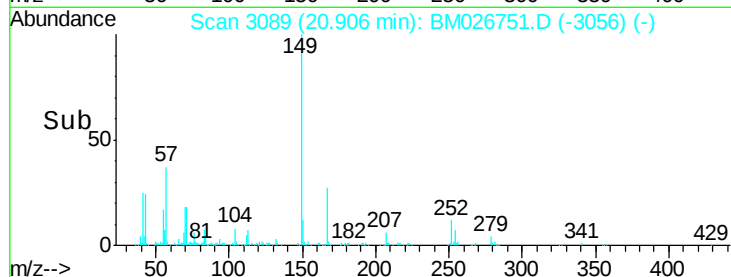
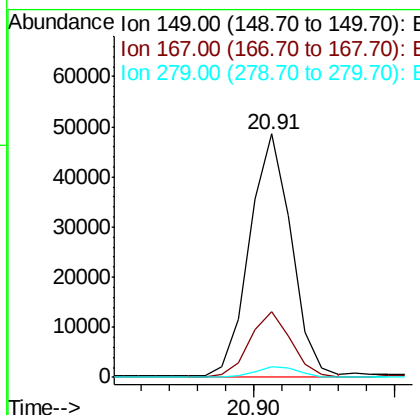
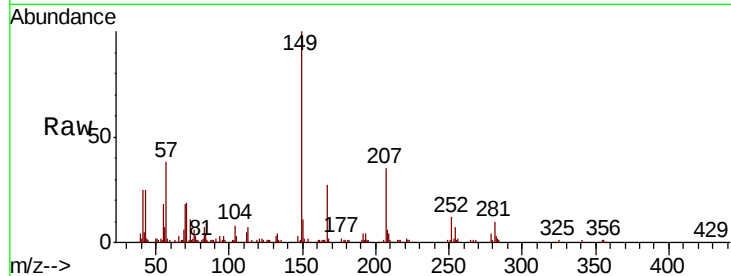
#84
Bis(2-ethylhexyl)phthalate
Concen: 3.850 ng/ul
RT: 20.91 min Scan# 3089
Delta R.T. -0.00 min
Lab File: BM026751.D
Acq: 14 Jul 2020 14:07

Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03

Tot Ion	Ratio	Lower	Upper
149	100		
167	27.2	22.1	33.1
279	4.3	3.6	5.4

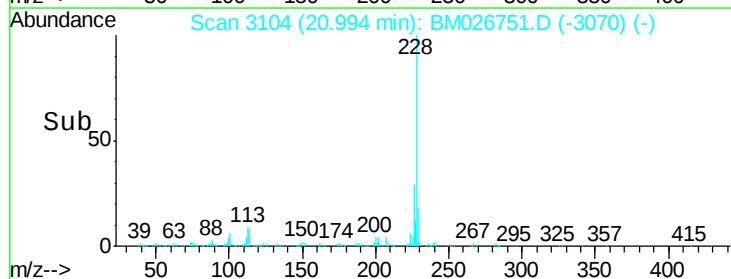
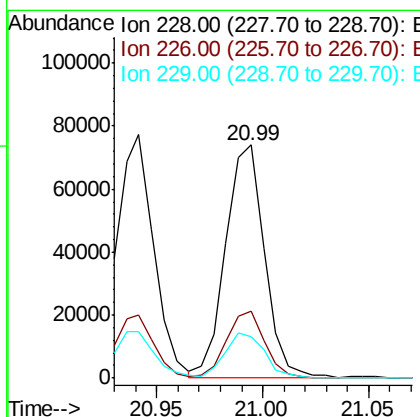
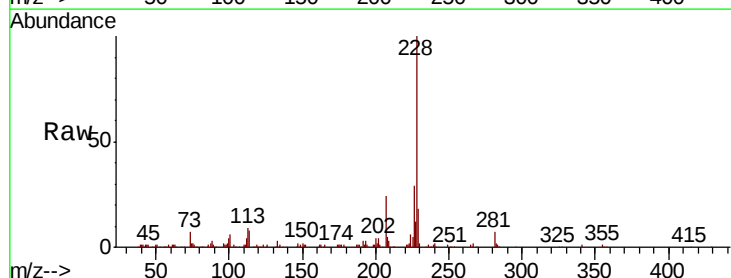
Manual Integrations
APPROVED

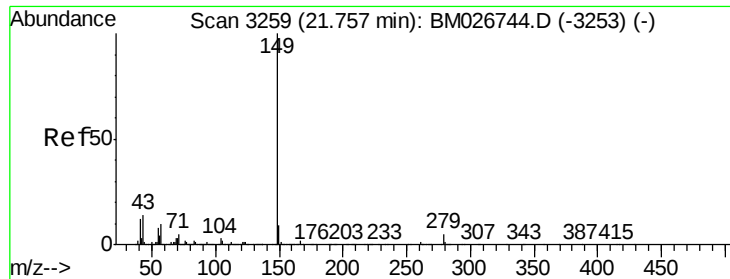
mohammad
7/20/2020 11:24:48 AM



#85
Chrysene
Concen: 4.034 ng/ul
RT: 20.99 min Scan# 3104
Delta R.T. 0.00 min
Lab File: BM026751.D
Acq: 14 Jul 2020 14:07

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.7	23.0	34.6
229	17.9	15.5	23.3





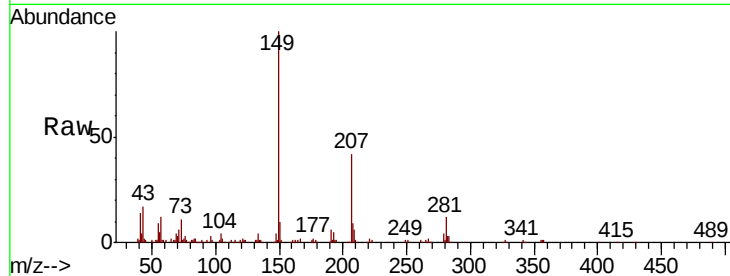
#87
Di-n-octyl phthalate
Concen: 3.453 ng/ul
RT: 21.75 min Scan# 3232
Delta R.T. -0.01 min
Lab File: BM026751.D
Acq: 14 Jul 2020 14:07

Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03

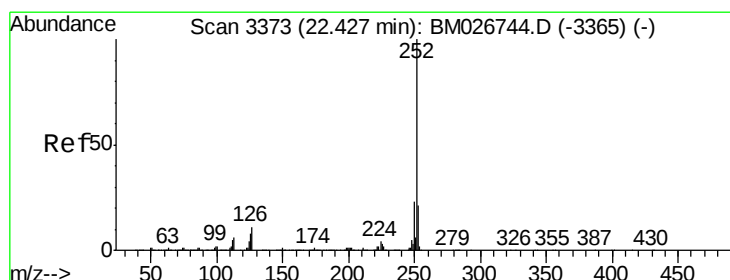
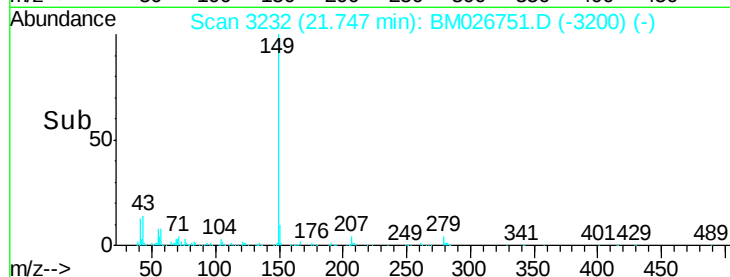
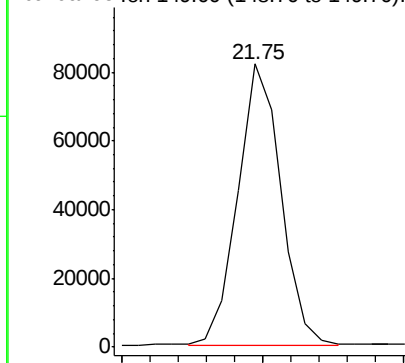
Tgt Ion:149 Resp: 86867

Manual Integrations
APPROVED

mohammad
7/20/2020 11:24:48 AM

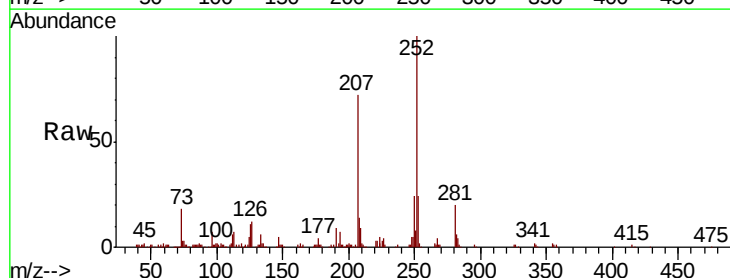


Abundance Ion 149.00 (148.70 to 149.70): E



#88
Benzo(b)fluoranthene
Concen: 3.586 ng/ul
RT: 22.42 min Scan# 3346
Delta R.T. -0.01 min
Lab File: BM026751.D
Acq: 14 Jul 2020 14:07

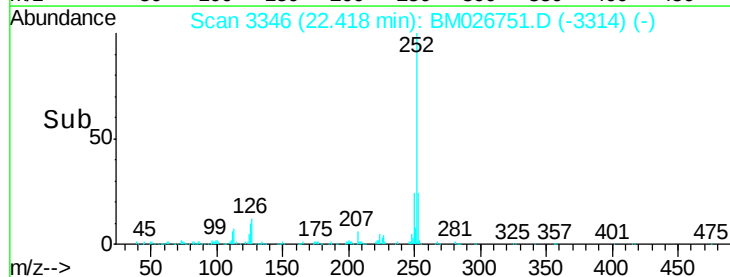
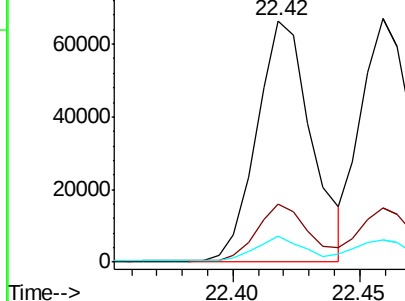
Tgt Ion:252 Resp: 99449
Ion Ratio Lower Upper
252 100
253 24.3 17.2 25.8
125 10.6 7.6 11.4

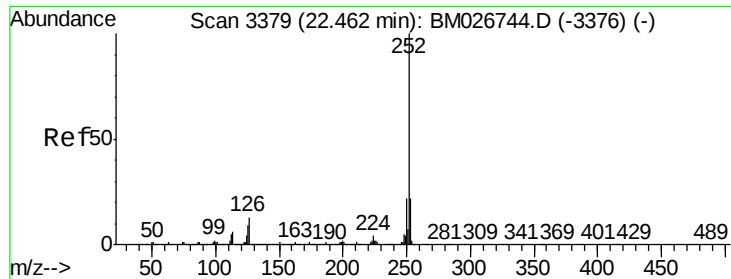


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





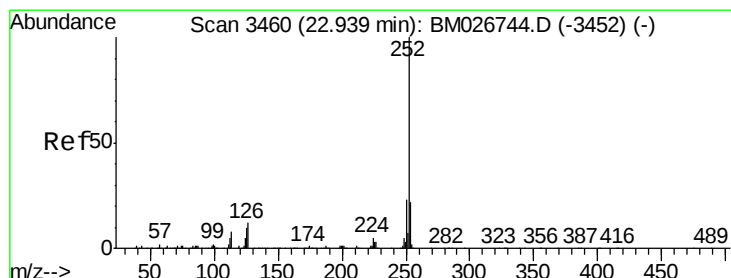
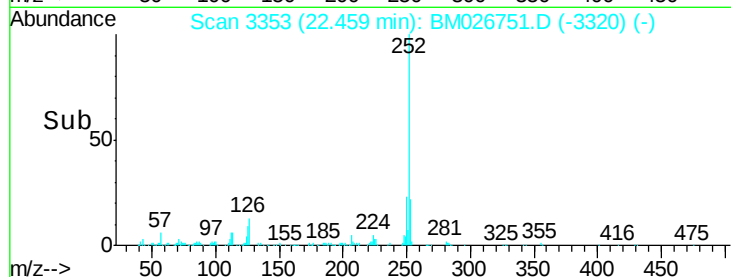
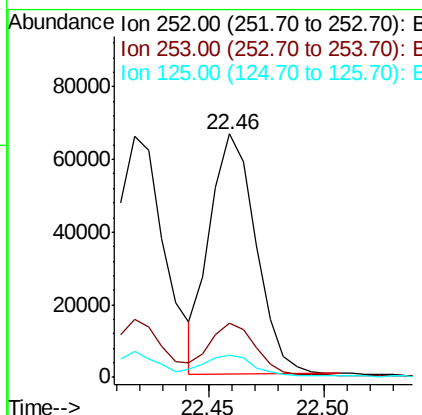
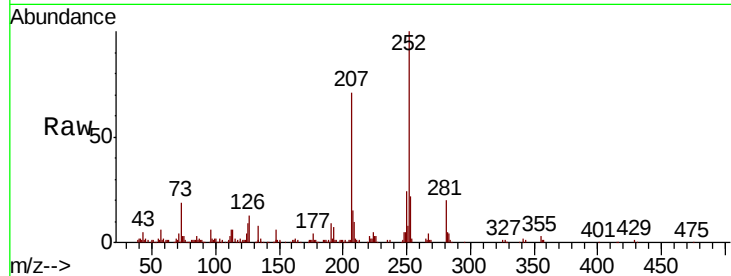
#89
Benzo(k)fluoranthene
Concen: 3.362 ng/ul
RT: 22.46 min Scan# 3353
Delta R.T. -0.00 min
Lab File: BM026751.D
Acq: 14 Jul 2020 14:07

Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03

Tot Ion:	252	Resp:	92410
Ion Ratio	Lower	Upper	
252	100		
253	22.3	17.1	25.7
125	8.9	7.7	11.5

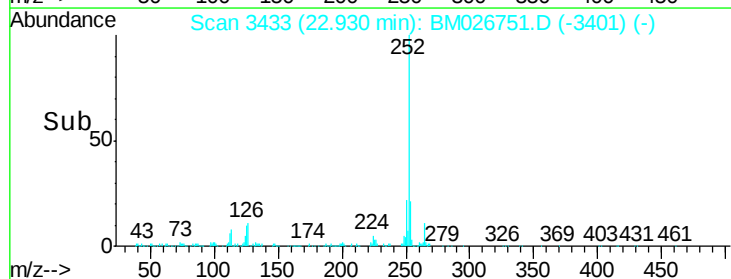
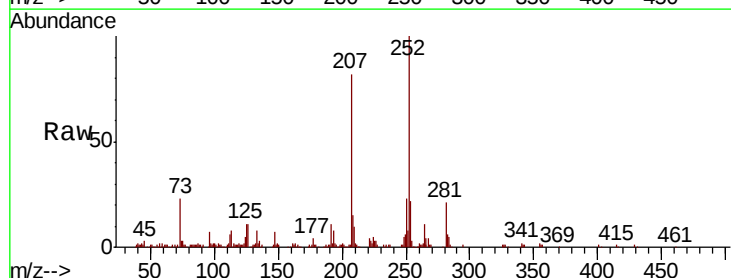
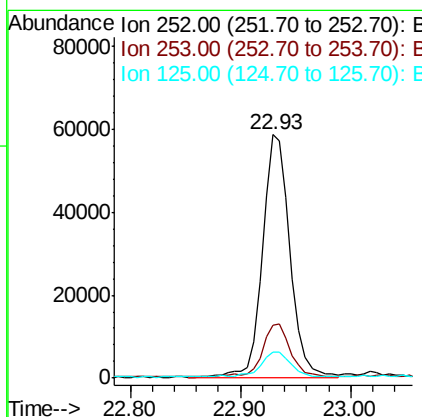
Manual Integrations
APPROVED

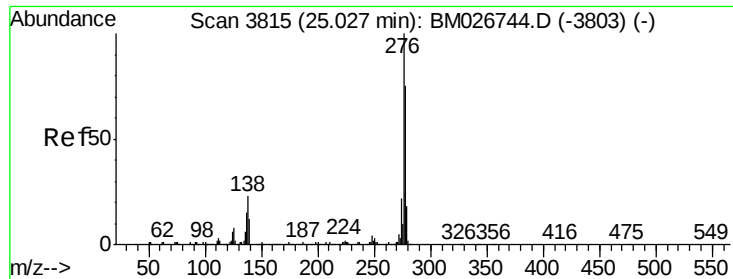
mohammad
7/20/2020 11:24:48 AM



#91
Benzo(a)pyrene
Concen: 4.116 ng/ul
RT: 22.93 min Scan# 3433
Delta R.T. -0.01 min
Lab File: BM026751.D
Acq: 14 Jul 2020 14:07

Tgt Ion:	252	Resp:	101264
Ion Ratio	Lower	Upper	
252	100		
253	21.6	17.4	26.0
125	10.7	7.5	11.3





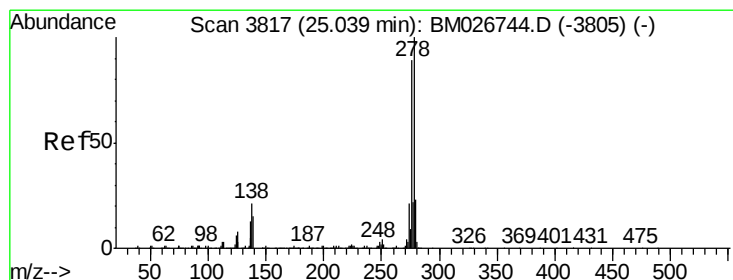
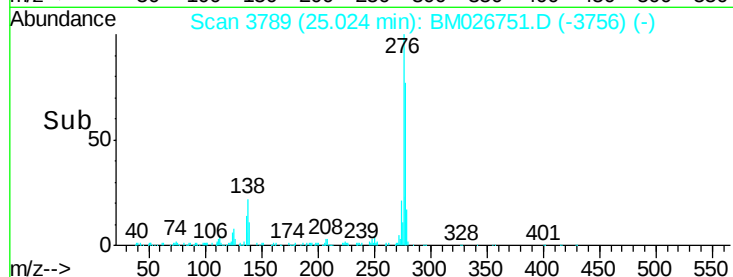
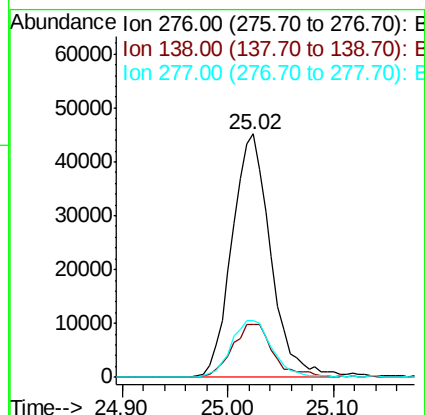
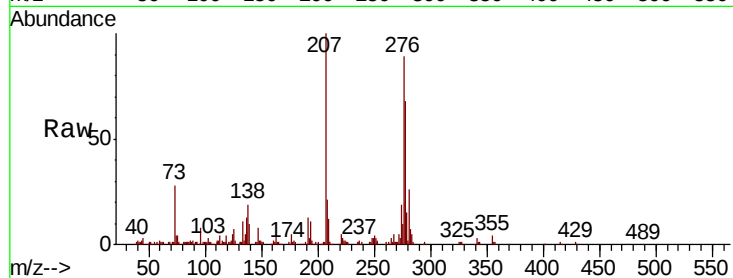
#92
 Indeno(1,2,3-cd)pyrene
 Concen: 3.567 ng/ul
 RT: 25.02 min Scan# 3789
 Delta R.T. -0.00 min
 Lab File: BM026751.D
 Acq: 14 Jul 2020 14:07

Instrument :
 BNA_M
 ClientSampleId :
 MDL-SOIL-03

Tot Ion	Ratio	Lower	Upper
276	100		
138	21.8	18.2	27.4
277	23.1	19.5	29.3

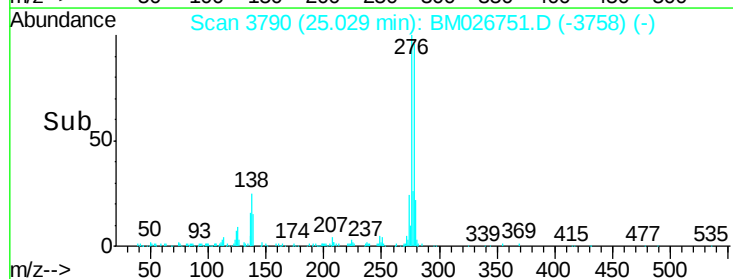
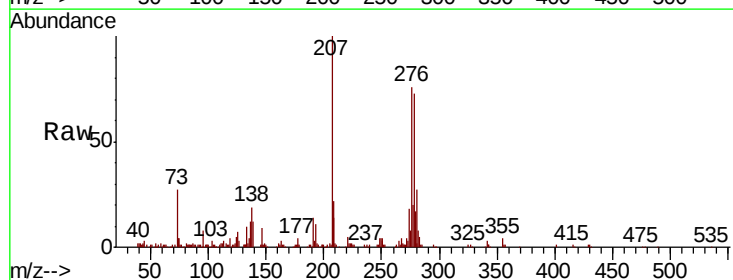
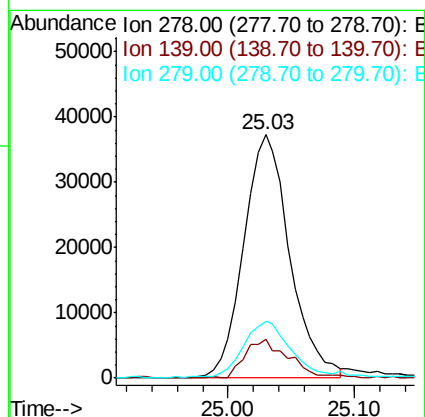
Manual Integrations
 APPROVED

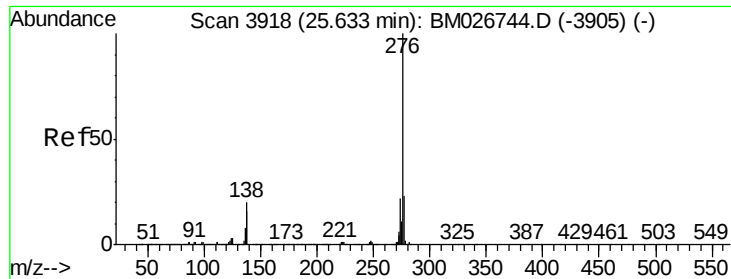
mohammad
 7/20/2020 11:24:48 AM



#93
 Dibenzo(a,h)anthracene
 Concen: 3.485 ng/ul
 RT: 25.03 min Scan# 3790
 Delta R.T. -0.01 min
 Lab File: BM026751.D
 Acq: 14 Jul 2020 14:07

Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.0	11.4	17.2
279	23.2	18.6	28.0





#94
 Benzo(a,h,i)perylene
 Concen: 3.588 ng/ul
 RT: 25.63 min Scan# 3892
 Delta R.T. -0.00 min
 Lab File: BM026751.D
 Acq: 14 Jul 2020 14:07

Instrument :
 BNA_M
 ClientSampleId :
 MDL-SOIL-03

Tot Ion:	276	Resp:	96082
Ion Ratio	Lower	Upper	
276	100		
138	18.6	15.6	23.4
277	23.7	18.6	27.8

Manual Integrations
 APPROVED

mohammad
 7/20/2020 11:24:48 AM

