

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM011023\
 Data File : BM038420.D
 Acq On : 10 Jan 2023 12:03
 Operator : CG/JU
 Sample : N4239-04
 Misc : SFAM-MDL-S-02-4PPM
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MDL-SOIL-QT3-2022-06

Quant Time: Jan 10 12:52:39 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM010423.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jan 05 02:11:50 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 01/11/2023
 Supervised By :mohammad ahmed 01/12/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.992	152	69041	20.000	ng/u1	0.00
20) Naphthalene-d8	10.804	136	282564	20.000	ng/u1	#-0.01
38) Acenaphthene-d10	14.627	164	166956	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.368	188	395674	20.000	ng/u1	0.00
79) Chrysene-d12	21.545	240	441923	20.000	ng/u1	# 0.00
88) Perylene-d12	23.974	264	531679	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.363	96	8427	3.958	ng/uL	0.00
4) Pyridine-d5	3.799	84	76023	12.343	ng/u1	0.00
7) Phenol-d5	7.151	99	105836	16.827	ng/u1	-0.01
9) Bis-(2-Chloroethyl)eth...	7.322	67	82373	18.206	ng/u1	0.00
11) 2-Chlorophenol-d4	7.522	132	78469	17.413	ng/u1	0.00
15) 4-Methylphenol-d8	8.704	113	83405	17.179	ng/u1	-0.01
21) Nitrobenzene-d5	9.163	128	40403	18.225	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.886	143	43694	17.379	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.428	165	81719	16.831	ng/u1	0.00
31) 4-Chloroaniline-d4	10.951	131	105831	15.796	ng/u1	0.00
46) Dimethylphthalate-d6	14.033	166	234294	18.530	ng/u1	-0.01
49) Acenaphthylene-d8	14.321	160	255691	17.353	ng/u1	0.00
54) 4-Nitrophenol-d4	14.827	143	32824	14.421	ng/u1	-0.01
60) Fluorene-d10	15.616	176	204353	17.772	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.739	200	42747	14.907	ng/u1	0.00
73) Anthracene-d10	17.468	188	326167	17.088	ng/u1	0.00
81) Pyrene-d10	19.756	212	426685	17.351	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.815	264	483288	18.302	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.399	88	3466	1.525	ng/uL	94
5) Pyridine	3.816	79	21577	3.316	ng/u1#	66
6) Benzaldehyde	7.134	77	14392	5.566	ng/u1	97
8) Phenol	7.181	94	26030	3.923	ng/u1	96
10) Bis(2-Chloroethyl)ether	7.416	93	21485	4.044	ng/u1	93
12) 2-Chlorophenol	7.551	128	18657	4.009	ng/u1	96
13) 2-Methylphenol	8.439	108	17867	3.770	ng/u1	96
14) 2,2'-oxybis(1-Chloropr...	8.528	45	38215	4.535	ng/u1	97
16) Acetophenone	8.828	105	32368	3.768	ng/u1	95
17) N-Nitroso-di-n-propyla...	8.804	70	19934	4.307	ng/u1	95
18) 4-Methylphenol	8.769	108	20072	3.893	ng/u1	83
19) Hexachloroethane	9.075	117	9650	4.453	ng/u1	95
22) Nitrobenzene	9.210	77	29943	4.095	ng/u1	98
23) Isophorone	9.734	82	51923	4.142	ng/u1	97
25) 2-Nitrophenol	9.916	139	10388	3.967	ng/u1	93
26) 2,4-Dimethylphenol	9.975	107	22123	3.614	ng/u1	96
27) Bis(2-Chloroethoxy)met...	10.216	93	29882	4.166	ng/u1	98
29) 2,4-Dichlorophenol	10.451	162	19080	4.041	ng/u1	95
30) Naphthalene	10.857	128	60889	4.040	ng/u1	99
32) 4-Chloroaniline	10.975	127	23671	3.467	ng/u1	98
33) Hexachlorobutadiene	11.128	225	13791	3.923	ng/u1	99
34) Caprolactam	11.769	113	4948m	3.672	ng/u1	
35) 4-Chloro-3-methylphenol	12.092	107	17386m	3.461	ng/u1	
36) 2-Methylnaphthalene	12.463	142	35150	3.578	ng/u1	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.680	142	31758	3.124	ng/ul	92
39) 1,2,4,5-Tetrachloroben...	12.827	216	24097	4.082	ng/ul	96
40) Hexachlorocyclopentadiene	12.798	237	12531	3.006	ng/ul	98
41) 2,4,6-Trichlorophenol	13.069	196	13881	3.789	ng/ul	96
42) 2,4,5-Trichlorophenol	13.139	196	15027	3.827	ng/ul	89
43) 1,1'-Biphenyl	13.463	154	49188	3.898	ng/ul	100
44) 2-Chloronaphthalene	13.510	162	39414	3.825	ng/ul	98
45) 2-Nitroaniline	13.722	65	12445m	3.610	ng/ul	
47) Dimethylphthalate	14.080	163	51351	4.002	ng/ul#	98
48) 2,6-Dinitrotoluene	14.210	165	9355	3.829	ng/ul	95
50) Acenaphthylene	14.351	152	60474	3.869	ng/ul	98
51) 3-Nitroaniline	14.545	138	7823m	3.478	ng/ul	
52) Acenaphthene	14.686	153	43619	3.943	ng/ul	97
53) 2,4-Dinitrophenol	14.757	184	8293	4.540	ng/ul	93
55) 4-Nitrophenol	14.839	109	8639	3.626	ng/ul	89
56) Dibenzofuran	15.021	168	61225	3.895	ng/ul	97
57) 2,4-Dinitrotoluene	14.998	165	13342	3.733	ng/ul	91
58) 2,3,4,6-Tetrachlorophenol	15.251	232	12920	3.684	ng/ul#	88
59) Diethylphthalate	15.439	149	52840	3.973	ng/ul	99
61) Fluorene	15.668	166	50728	3.759	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.663	204	27601	3.886	ng/ul	96
63) 4-Nitroaniline	15.698	138	7614m	3.537	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.751	198	11800	4.294	ng/ul#	81
67) N-Nitrosodiphenylamine	15.874	169	42087	3.730	ng/ul	98
68) 4-Bromophenyl-phenylether	16.557	248	15926	3.799	ng/ul	98
69) Hexachlorobenzene	16.668	284	18351	3.796	ng/ul	98
70) Atrazine	16.827	200	19291	4.137	ng/ul	95
71) Pentachlorophenol	17.015	266	11779	3.692	ng/ul	96
72) Phenanthrene	17.410	178	82808	3.836	ng/ul	98
74) Anthracene	17.498	178	84209	3.793	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.427	216	20373	3.412	ng/uL	99
76) Pentachlorobenzene	14.939	250	19586	3.404	ng/uL	91
77) Carbazole	17.774	167	71228	3.499	ng/ul	98
78) Di-n-butylphthalate	18.321	149	93989	3.865	ng/ul	99
80) Fluoranthene	19.421	202	102809	3.697	ng/ul	97
82) Pyrene	19.780	202	113855	3.756	ng/ul	98
83) Butylbenzylphthalate	20.668	149	42991	3.698	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.456	252	32084	3.481	ng/ul#	93
85) Benzo(a)anthracene	21.527	228	120830	3.842	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.439	149	68638	3.825	ng/ul	96
87) Chrysene	21.580	228	115801	3.833	ng/ul	99
89) Di-n-octyl phthalate	22.368	149	123103	3.237	ng/ul	100
90) Benzo(b)fluoranthene	23.227	252	127107	3.779	ng/ul	98
91) Benzo(k)fluoranthene	23.274	252	126037	3.731	ng/ul	98
93) Benzo(a)pyrene	23.862	252	119913	3.939	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.503	276	152850	3.951	ng/ul	98
95) Dibenzo(a,h)anthracene	26.509	278	125559	3.889	ng/ul	98
96) Benzo(g,h,i)perylene	27.285	276	126732	4.000	ng/ul	99

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

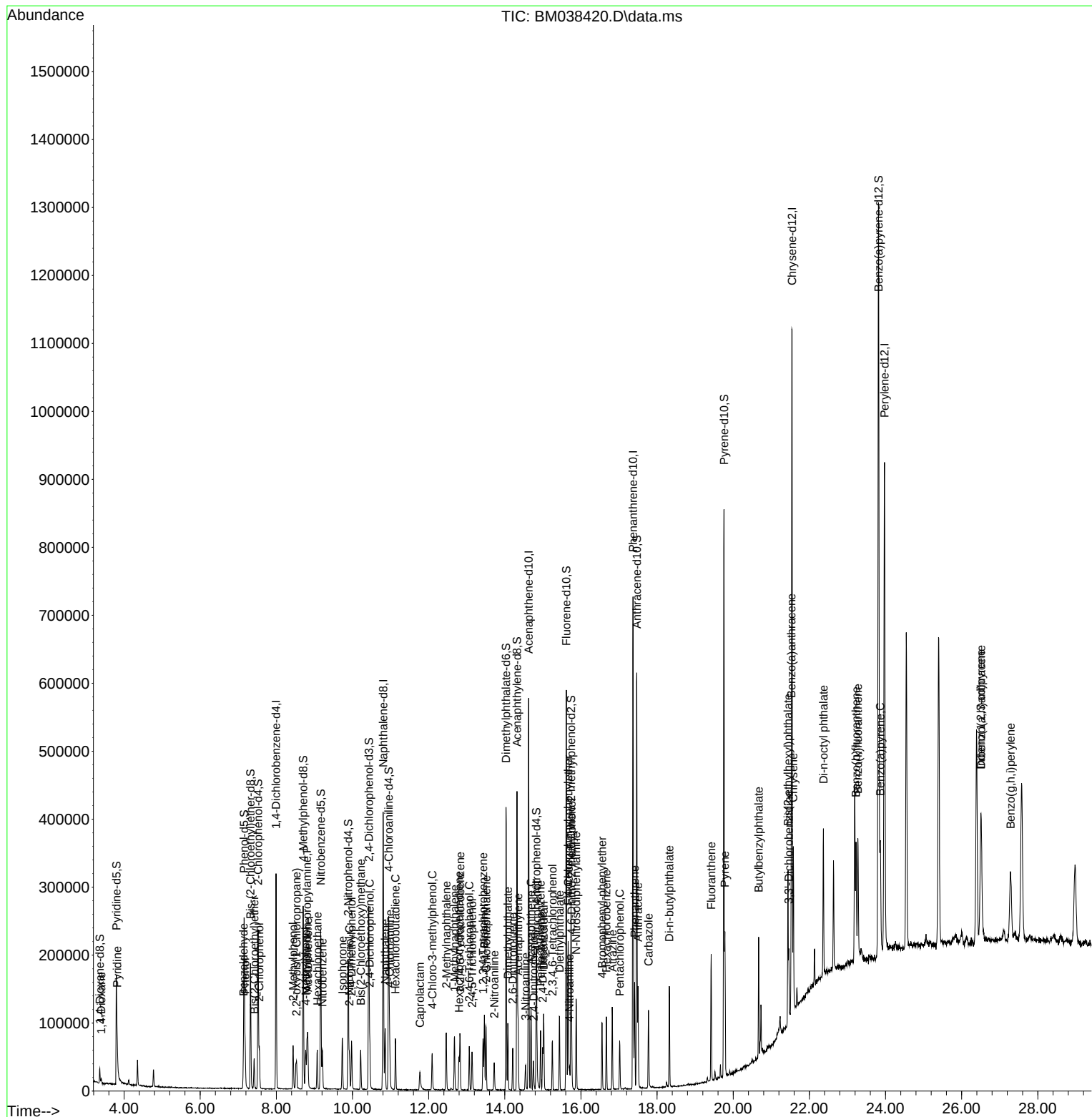
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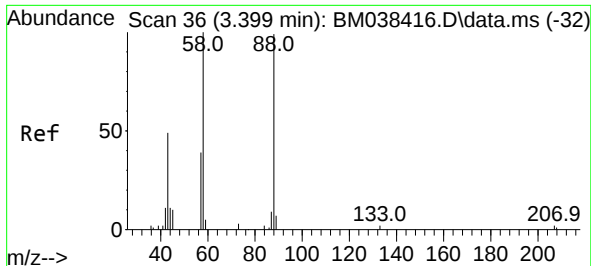
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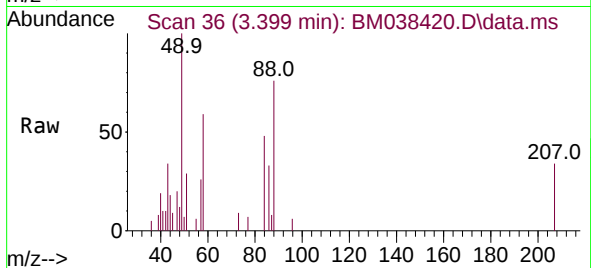
Reviewed By :Jagrut Upadhyay 01/11/2023
 Supervised By :mohammad ahmed 01/12/2023





#2
1,4-Dioxane
Concen: 1.525 ng/uL
RT: 3.399 min Scan# 30
Delta R.T. -0.000 min
Lab File: BM038420.D
Acq: 10 Jan 2023 12:03

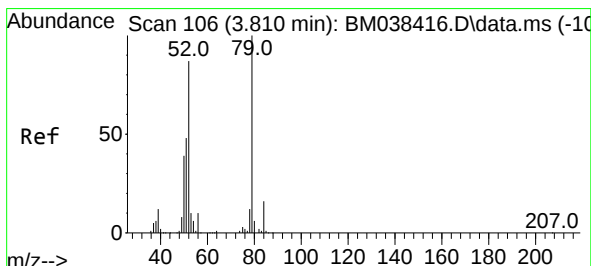
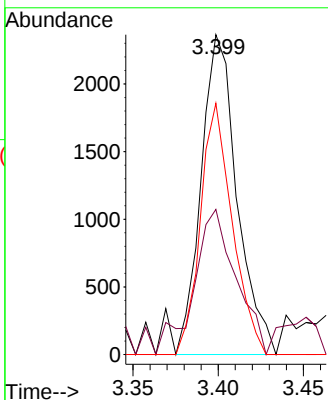
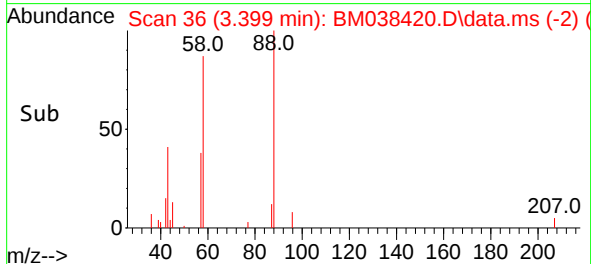
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT3-2022-06



Tgt Ion: 88 Resp: 3466
Ion Ratio Lower Upper
88 100
43 45.4 30.6 45.8
58 78.5 60.2 90.4

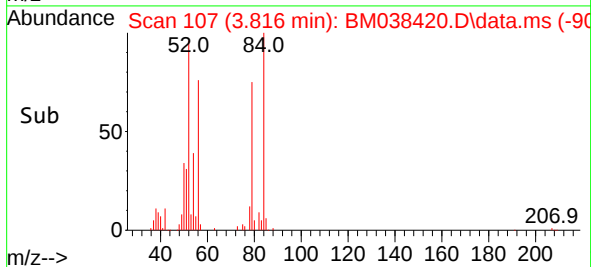
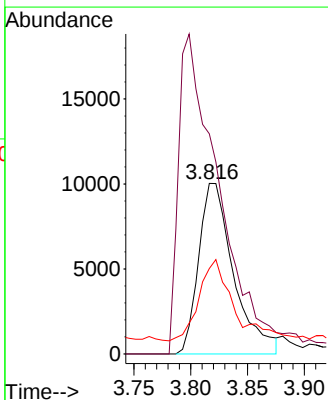
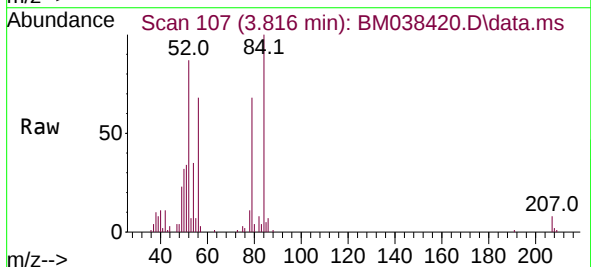
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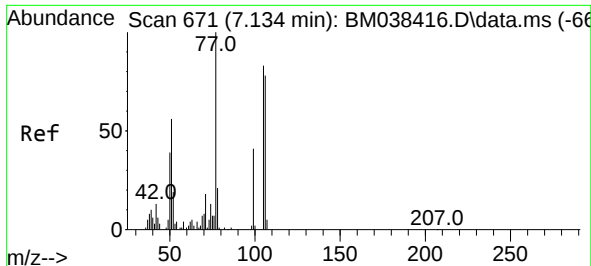
Reviewed By :Jagrut Upadhyay 01/11/2023
Supervised By :mohammad ahmed 01/12/2023



#5
Pyridine
Concen: 3.316 ng/uL
RT: 3.816 min Scan# 107
Delta R.T. -0.000 min
Lab File: BM038420.D
Acq: 10 Jan 2023 12:03

Tgt Ion: 79 Resp: 21577
Ion Ratio Lower Upper
79 100
52 129.0 69.6 104.4#
51 50.1 34.8 52.2





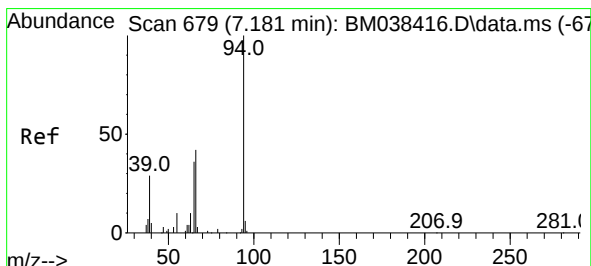
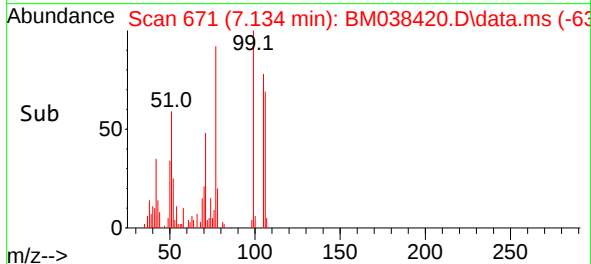
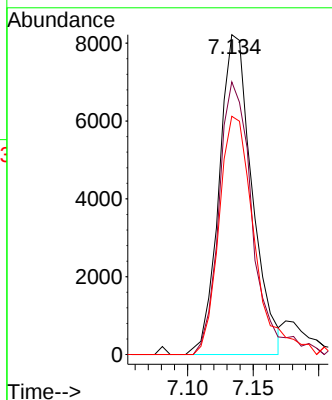
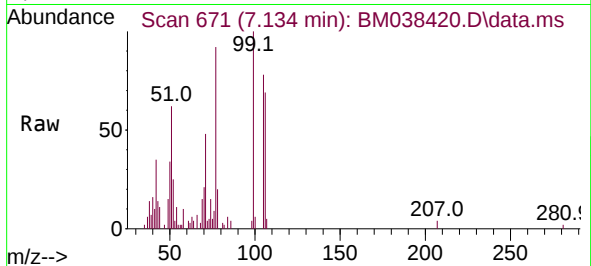
#6
Benzaldehyde
Concen: 5.566 ng/ul
RT: 7.134 min Scan# 671
Delta R.T. -0.012 min
Lab File: BM038420.D
Acq: 10 Jan 2023 12:03

Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT3-2022-06

Tgt Ion: 77 Resp: 14392
Ion Ratio Lower Upper
77 100
105 85.2 64.5 96.7
106 74.5 60.6 90.8

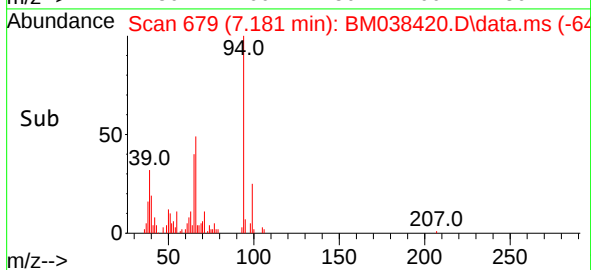
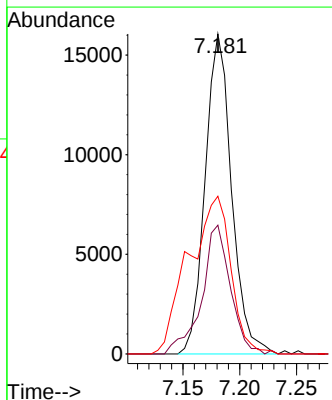
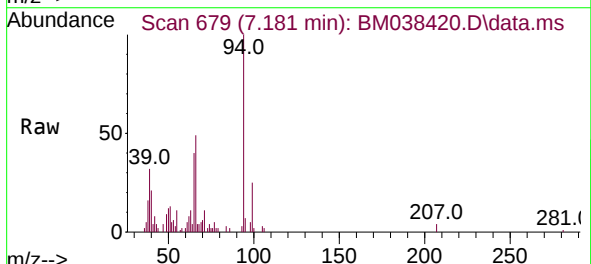
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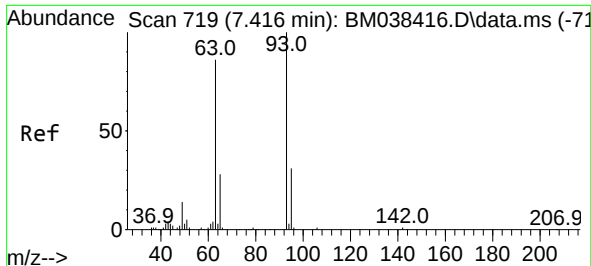
Reviewed By :Jagrut Upadhyay 01/11/2023
Supervised By :mohammad ahmed 01/12/2023



#8
Phenol
Concen: 3.923 ng/ul
RT: 7.181 min Scan# 679
Delta R.T. -0.012 min
Lab File: BM038420.D
Acq: 10 Jan 2023 12:03

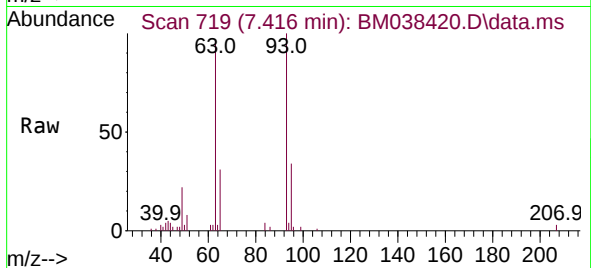
Tgt Ion: 94 Resp: 26030
Ion Ratio Lower Upper
94 100
65 40.2 29.4 44.2
66 49.3 38.0 57.0





#10
Bis(2-Chloroethyl)ether
Concen: 4.044 ng/ul
RT: 7.416 min Scan# 719
Delta R.T. -0.006 min
Lab File: BM038420.D
Acq: 10 Jan 2023 12:03

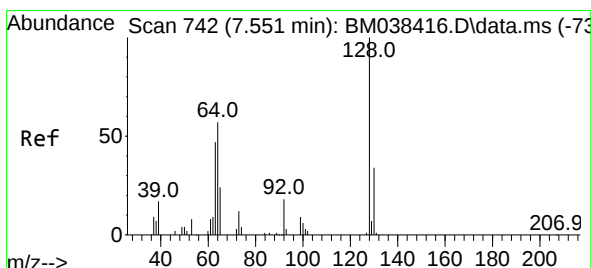
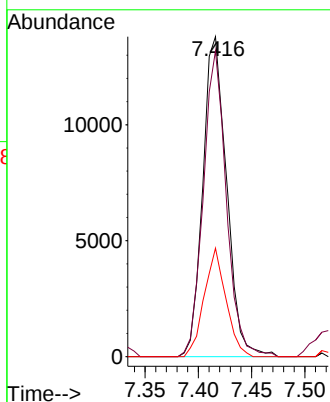
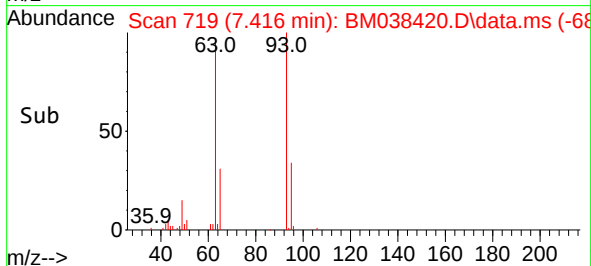
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Tgt Ion: 93 Resp: 21485
Ion Ratio Lower Upper
93 100
63 95.6 69.6 104.4
95 33.9 26.6 40.0

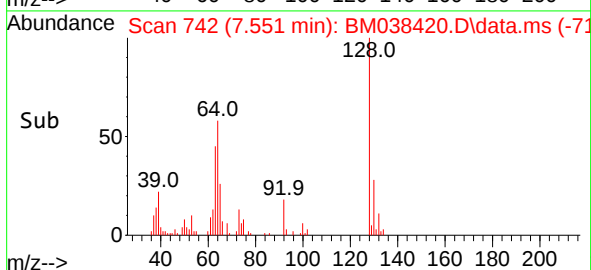
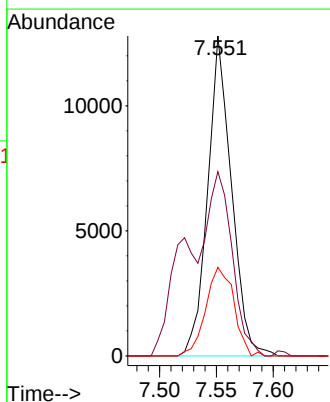
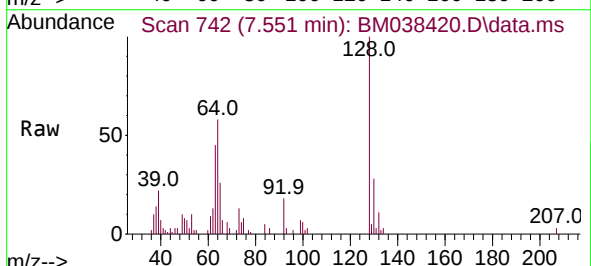
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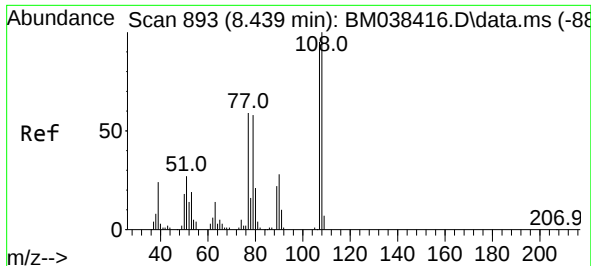
Reviewed By :Jagrut Upadhyay 01/11/2023
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#12
2-Chlorophenol
Concen: 4.009 ng/ul
RT: 7.551 min Scan# 742
Delta R.T. -0.012 min
Lab File: BM038420.D
Acq: 10 Jan 2023 12:03

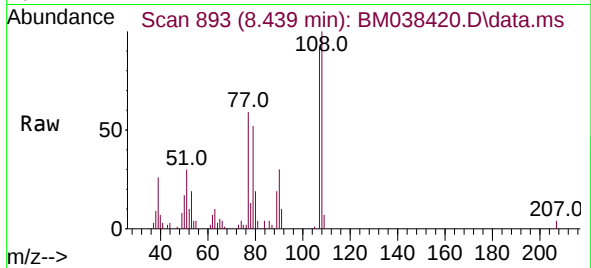
Tgt Ion:128 Resp: 18657
Ion Ratio Lower Upper
128 100
64 57.6 47.3 70.9
130 27.7 25.7 38.5





#13
2-Methylphenol
Concen: 3.770 ng/ul
RT: 8.439 min Scan# 893
Delta R.T. -0.012 min
Lab File: BM038420.D
Acq: 10 Jan 2023 12:03

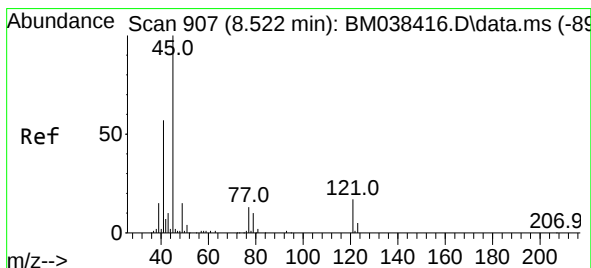
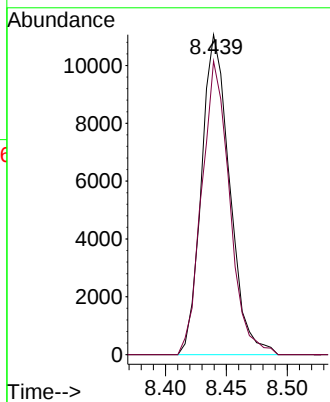
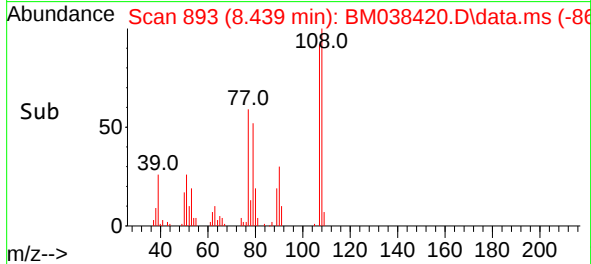
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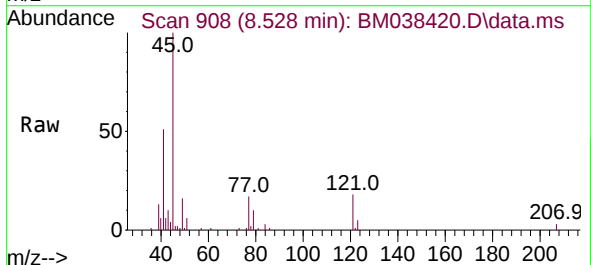
Tgt Ion:108 Resp: 17862
Ion Ratio Lower Upper
108 100
107 91.7 70.3 105.5

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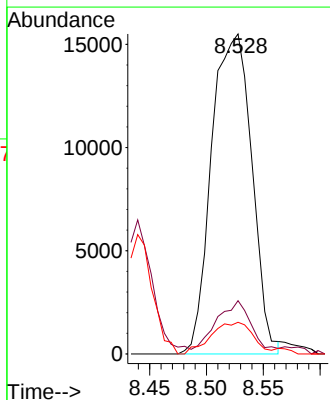
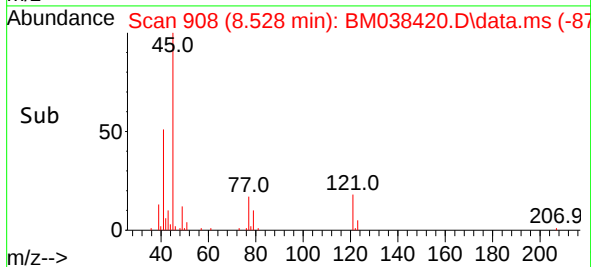
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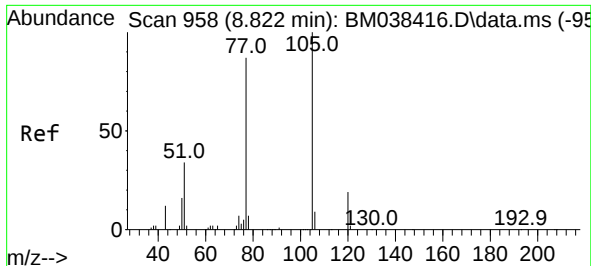


#14
2,2'-oxybis(1-Chloropropane)
Concen: 4.535 ng/ul
RT: 8.528 min Scan# 908
Delta R.T. -0.006 min
Lab File: BM038420.D
Acq: 10 Jan 2023 12:03



Tgt Ion: 45 Resp: 38215
Ion Ratio Lower Upper
45 100
77 16.6 12.2 18.2
79 9.9 8.6 13.0





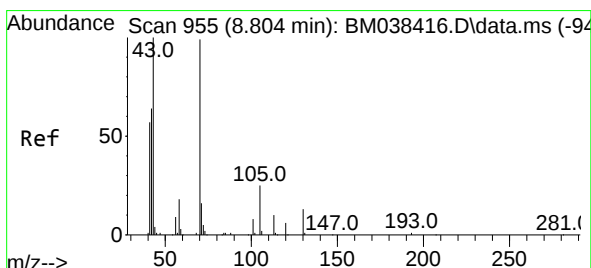
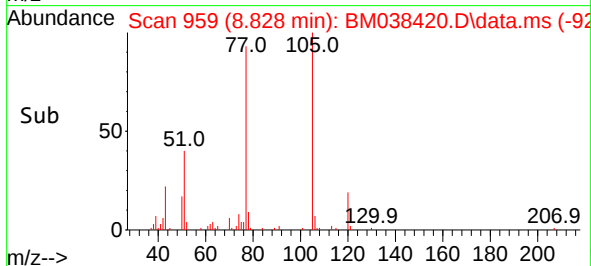
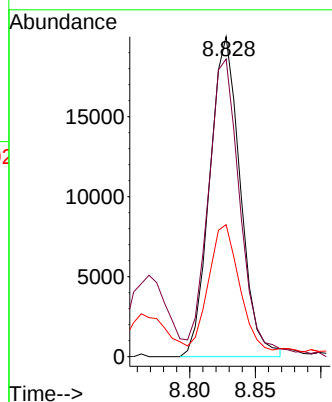
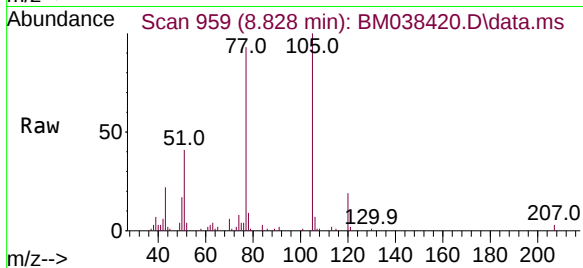
#16
Acetophenone
Concen: 3.768 ng/ul
RT: 8.828 min Scan# 958
Delta R.T. -0.006 min
Lab File: BM038420.D
Acq: 10 Jan 2023 12:03

Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT3-2022-06

Tgt Ion: 105 Resp: 32368
Ion Ratio Lower Upper
105 100
77 93.0 71.9 107.9
51 41.2 29.1 43.7

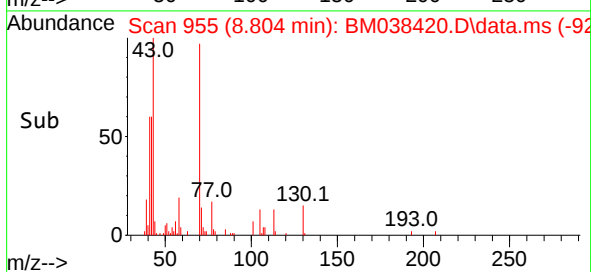
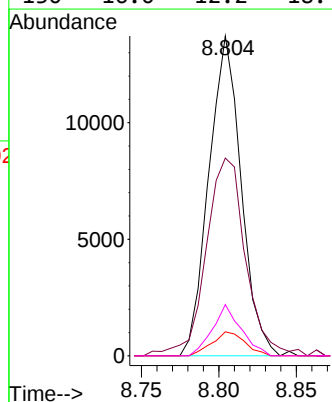
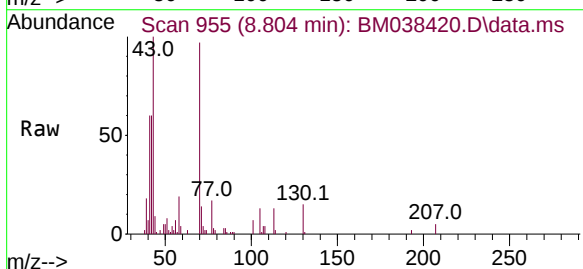
Manual Integrations
APPROVED

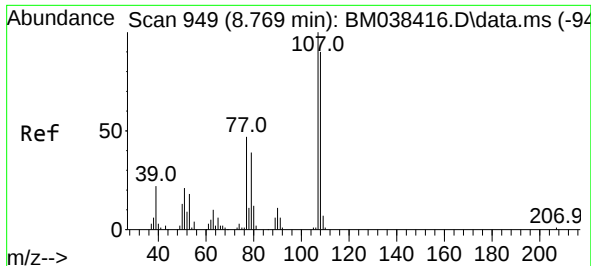
Reviewed By :Jagrut Upadhyay 01/11/2023
Supervised By :mohammad ahmed 01/12/2023



#17
N-Nitroso-di-n-propylamine
Concen: 4.307 ng/ul
RT: 8.804 min Scan# 955
Delta R.T. -0.012 min
Lab File: BM038420.D
Acq: 10 Jan 2023 12:03

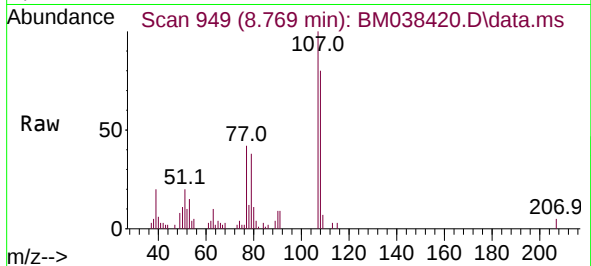
Tgt Ion: 70 Resp: 19934
Ion Ratio Lower Upper
70 100
42 61.8 53.0 79.6
101 7.5 7.2 10.8
130 16.0 12.2 18.4





#18
4-Methylphenol
Concen: 3.893 ng/ul
RT: 8.769 min Scan# 94
Delta R.T. -0.012 min
Lab File: BM038420.D
Acq: 10 Jan 2023 12:03

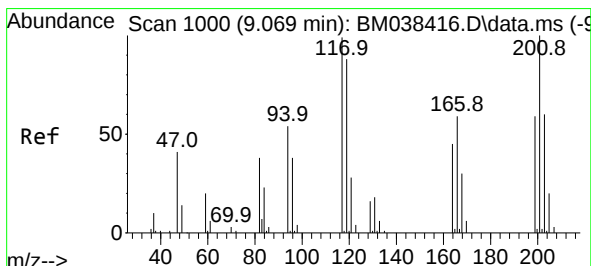
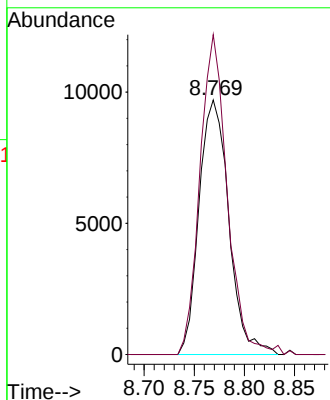
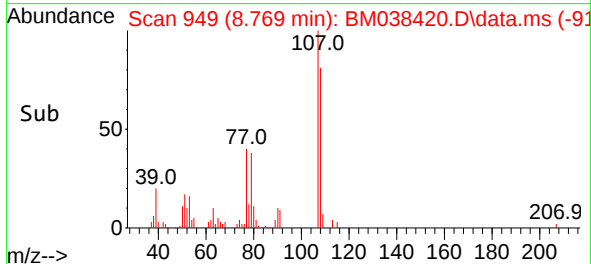
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT3-2022-06



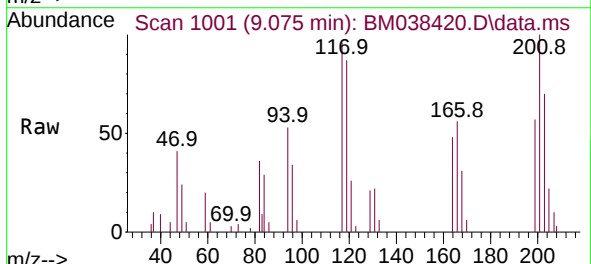
Tgt Ion:108 Resp: 20072
Ion Ratio Lower Upper
108 100
107 125.7 86.4 129.6

Manual Integrations
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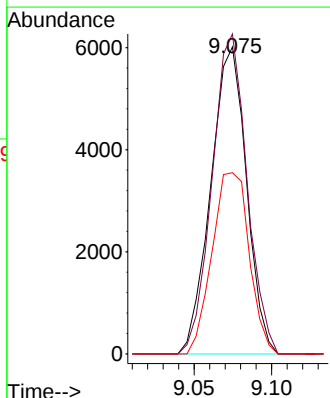
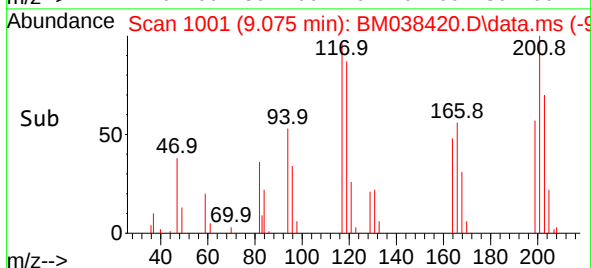
Reviewed By :Jagrut Upadhyay 01/11/2023
Supervised By :mohammad ahmed 01/12/2023

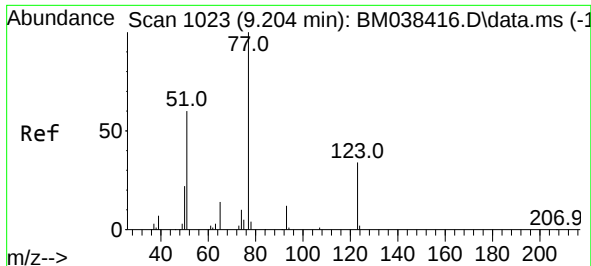


#19
Hexachloroethane
Concen: 4.453 ng/ul
RT: 9.075 min Scan# 1001
Delta R.T. -0.006 min
Lab File: BM038420.D
Acq: 10 Jan 2023 12:03



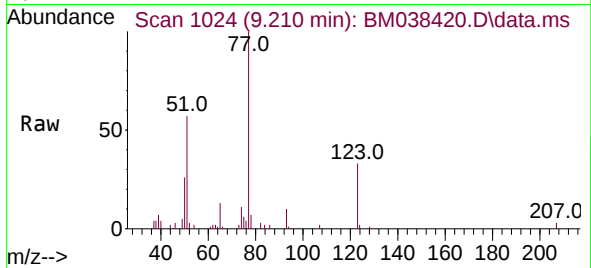
Tgt Ion:117 Resp: 9650
Ion Ratio Lower Upper
117 100
201 104.2 79.8 119.6
199 59.0 50.3 75.5





#22
Nitrobenzene
Concen: 4.095 ng/ul
RT: 9.210 min Scan# 1023
Delta R.T. -0.006 min
Lab File: BM038420.D
Acq: 10 Jan 2023 12:03

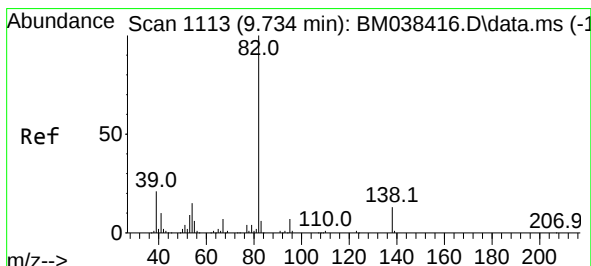
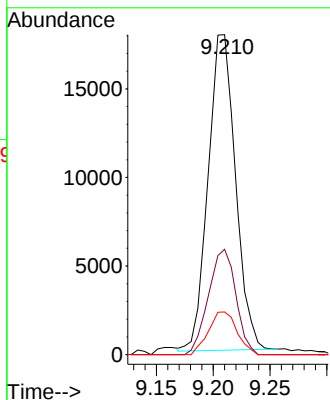
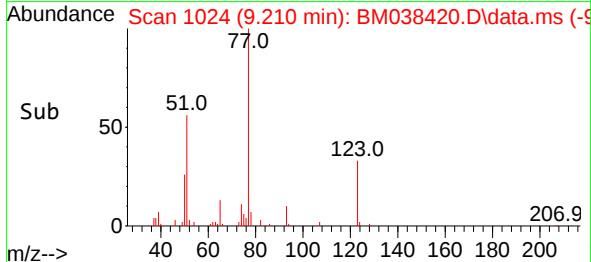
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT3-2022-06



Tgt Ion: 77 Resp: 29943
Ion Ratio Lower Upper
77 100
123 32.9 26.9 40.3
65 13.3 12.1 18.1

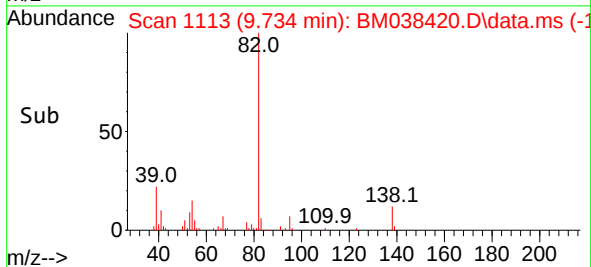
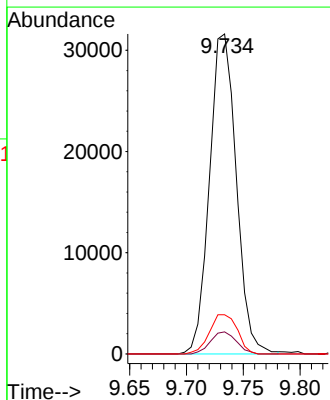
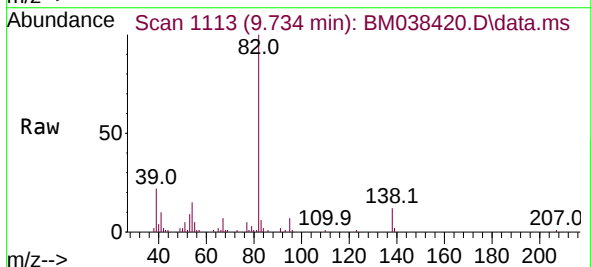
Manual Integrations
APPROVED

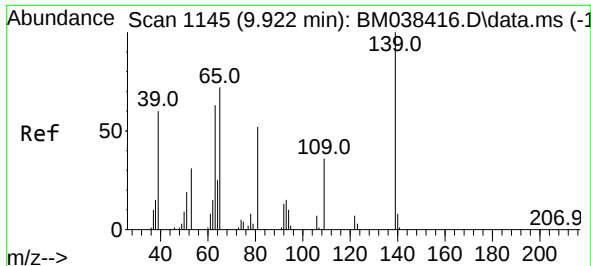
Reviewed By :Jagrut Upadhyay 01/11/2023
Supervised By :mohammad ahmed 01/12/2023



#23
Isophorone
Concen: 4.142 ng/ul
RT: 9.734 min Scan# 1113
Delta R.T. -0.006 min
Lab File: BM038420.D
Acq: 10 Jan 2023 12:03

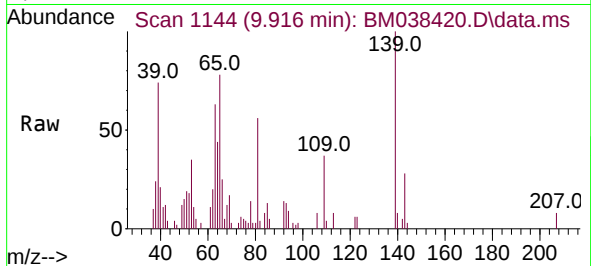
Tgt Ion: 82 Resp: 51923
Ion Ratio Lower Upper
82 100
95 6.9 5.4 8.0
138 12.2 11.1 16.7





#25
2-Nitrophenol
Concen: 3.967 ng/ul
RT: 9.916 min Scan# 1144
Delta R.T. -0.012 min
Lab File: BM038420.D
Acq: 10 Jan 2023 12:03

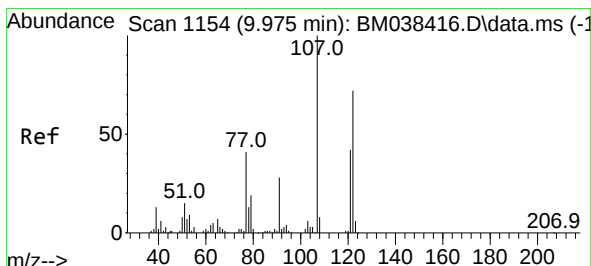
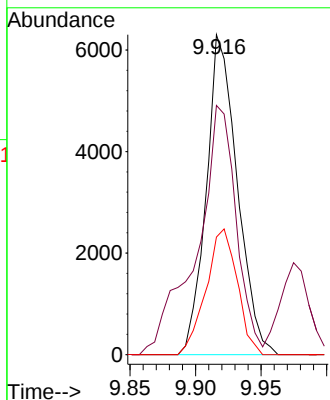
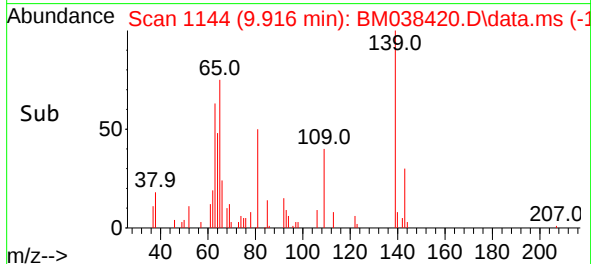
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT3-2022-06



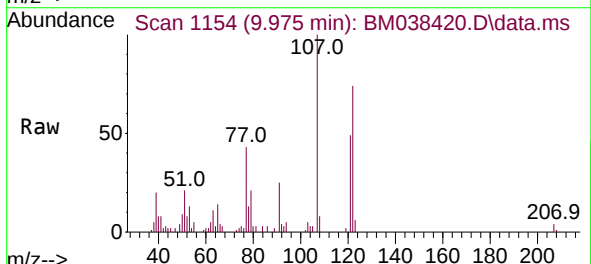
Tgt Ion:139 Resp: 10388
Ion Ratio Lower Upper
139 100
65 77.9 55.9 83.9
109 36.7 29.0 43.4

Manual Integrations
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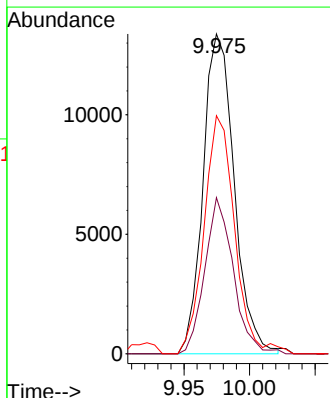
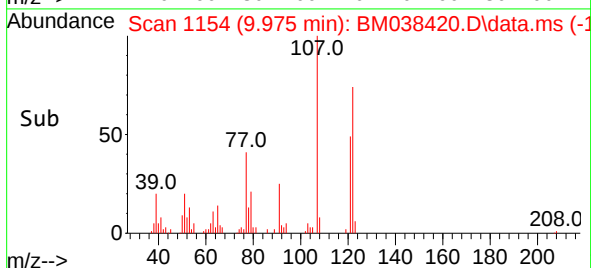
Reviewed By :Jagrut Upadhyay 01/11/2023
Supervised By :mohammad ahmed 01/12/2023

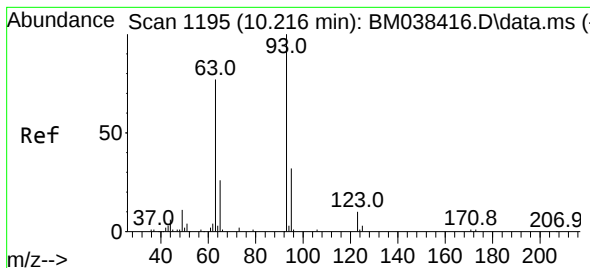


#26
2,4-Dimethylphenol
Concen: 3.614 ng/ul
RT: 9.975 min Scan# 1154
Delta R.T. -0.012 min
Lab File: BM038420.D
Acq: 10 Jan 2023 12:03



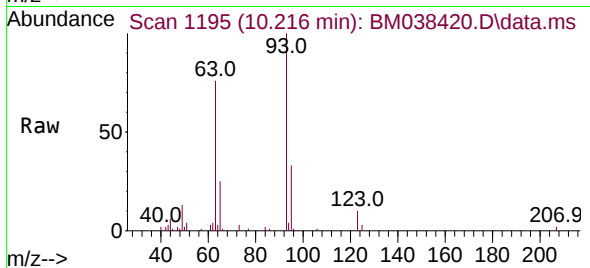
Tgt Ion:107 Resp: 22123
Ion Ratio Lower Upper
107 100
121 48.8 35.2 52.8
122 74.4 58.6 87.8





#27
Bis(2-Chloroethoxy)methane
Concen: 4.166 ng/ul
RT: 10.216 min Scan# 1195
Delta R.T. -0.006 min
Lab File: BM038420.D
Acq: 10 Jan 2023 12:03

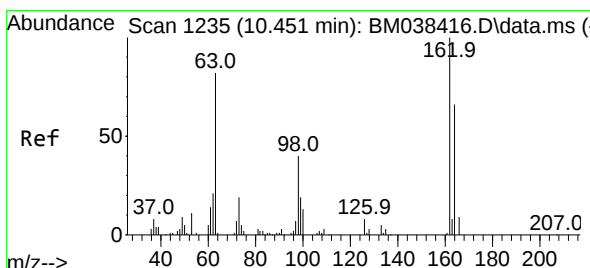
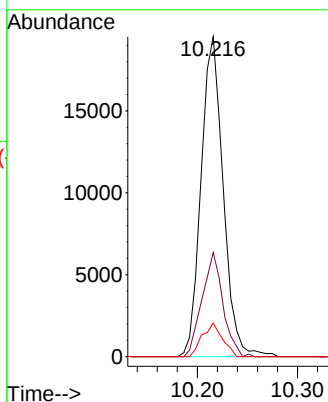
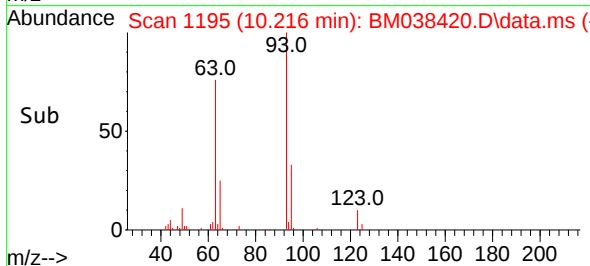
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT3-2022-06



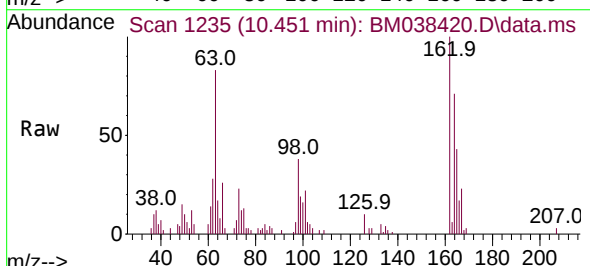
Tgt Ion: 93 Resp: 29882
Ion Ratio Lower Upper
93 100
95 32.5 25.4 38.2
123 10.5 7.5 11.3

Manual Integrations
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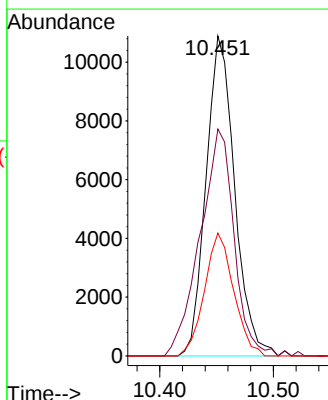
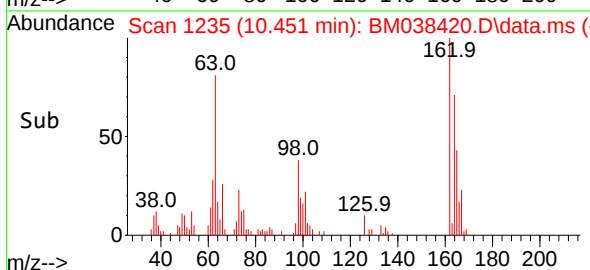
Reviewed By :Jagrut Upadhyay 01/11/2023
Supervised By :mohammad ahmed 01/12/2023

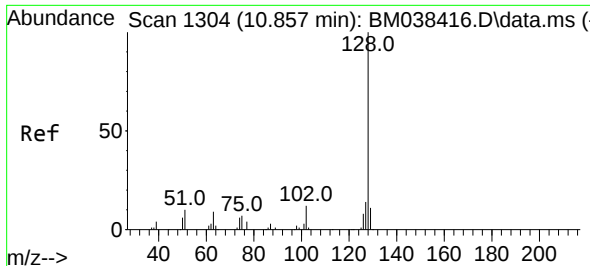


#29
2,4-Dichlorophenol
Concen: 4.041 ng/ul
RT: 10.451 min Scan# 1235
Delta R.T. -0.012 min
Lab File: BM038420.D
Acq: 10 Jan 2023 12:03



Tgt Ion:162 Resp: 19080
Ion Ratio Lower Upper
162 100
164 70.9 51.8 77.8
98 38.4 30.6 45.8





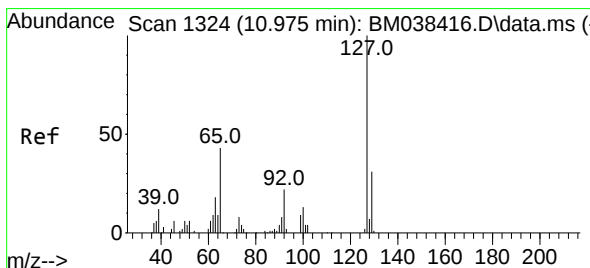
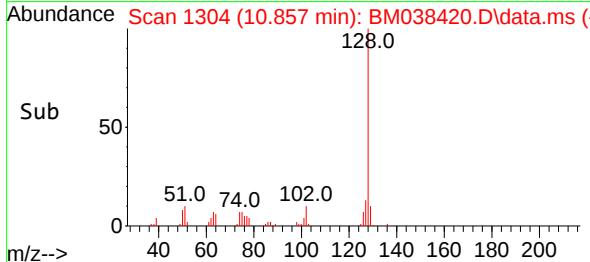
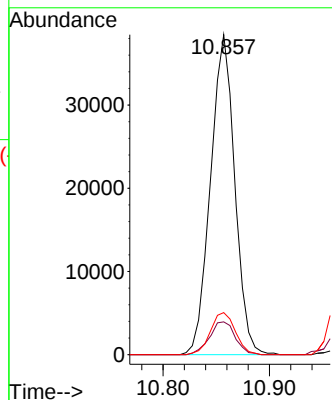
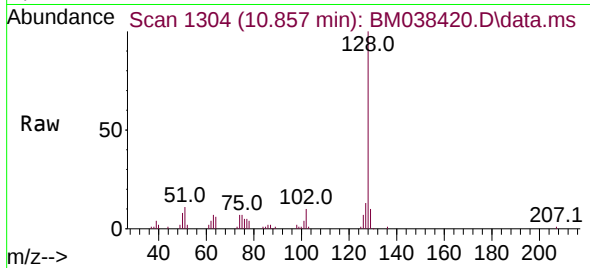
#30
Naphthalene
Concen: 4.040 ng/ul
RT: 10.857 min Scan# 1304
Delta R.T. -0.012 min
Lab File: BM038420.D
Acq: 10 Jan 2023 12:03

Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT3-2022-06

Tgt Ion:128 Resp: 60889
Ion Ratio Lower Upper
128 100
129 10.2 8.6 12.8
127 13.1 10.5 15.7

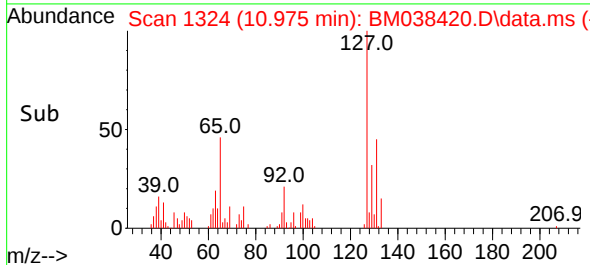
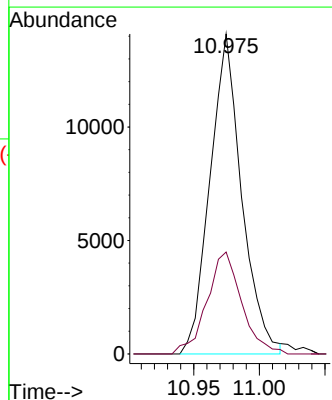
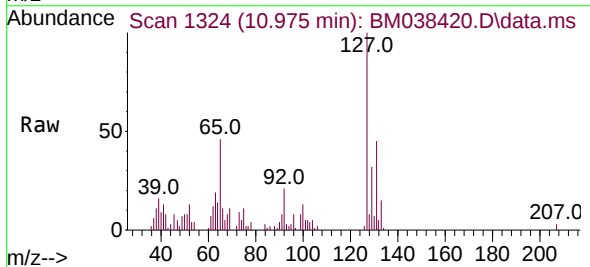
Manual Integrations
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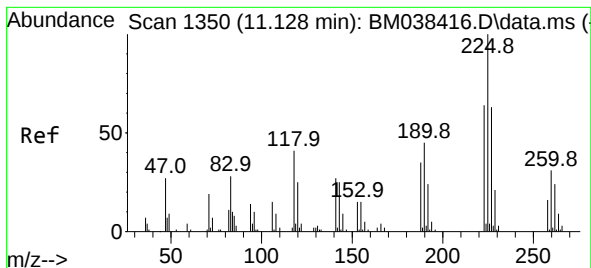
Reviewed By :Jagrut Upadhyay 01/11/2023
Supervised By :mohammad ahmed 01/12/2023



#32
4-Chloroaniline
Concen: 3.467 ng/ul
RT: 10.975 min Scan# 1324
Delta R.T. -0.006 min
Lab File: BM038420.D
Acq: 10 Jan 2023 12:03

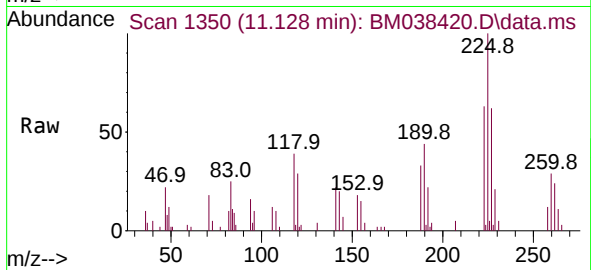
Tgt Ion:127 Resp: 23671
Ion Ratio Lower Upper
127 100
129 31.8 26.2 39.2





#33
Hexachlorobutadiene
Concen: 3.923 ng/ul
RT: 11.128 min Scan# 1350
Delta R.T. -0.012 min
Lab File: BM038420.D
Acq: 10 Jan 2023 12:03

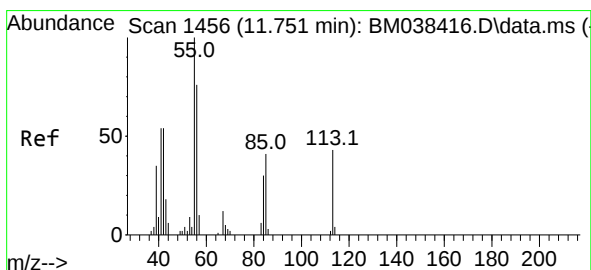
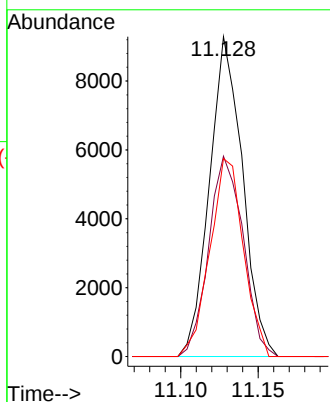
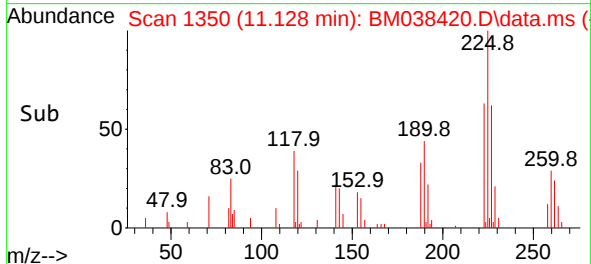
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT3-2022-06



Tgt Ion:225 Resp: 1379
Ion Ratio Lower Upper
225 100
223 65.1 52.6 78.8
227 61.9 48.2 72.4

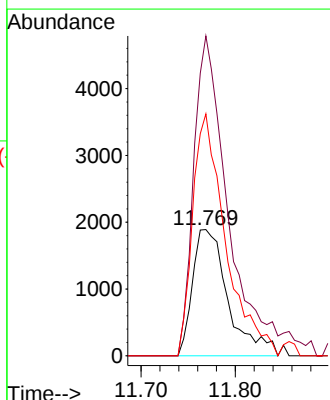
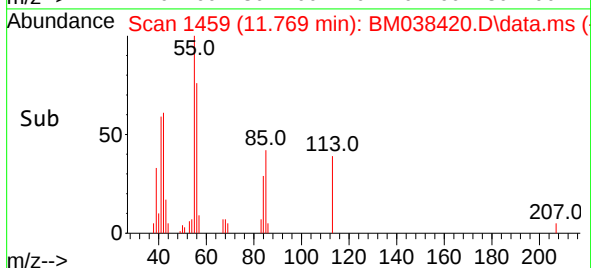
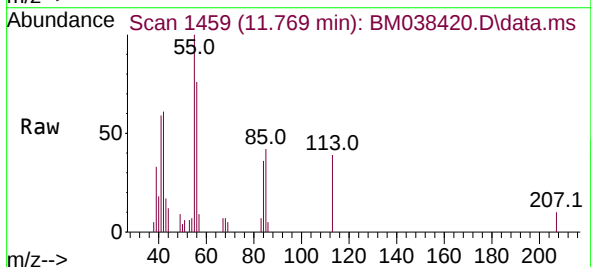
Manual Integrations
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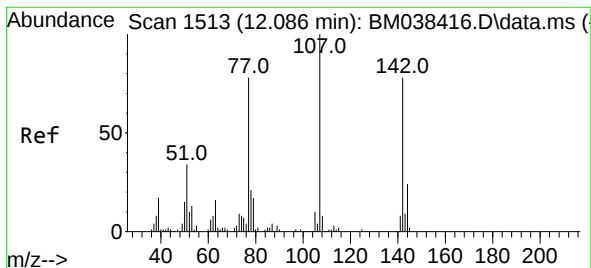
Reviewed By :Jagrut Upadhyay 01/11/2023
Supervised By :mohammad ahmed 01/12/2023



#34
Caprolactam
Concen: 3.672 ng/ul m
RT: 11.769 min Scan# 1459
Delta R.T. -0.006 min
Lab File: BM038420.D
Acq: 10 Jan 2023 12:03

Tgt Ion:113 Resp: 4948
Ion Ratio Lower Upper
113 100
55 253.3 161.5 242.3#
56 191.5 125.8 188.8#





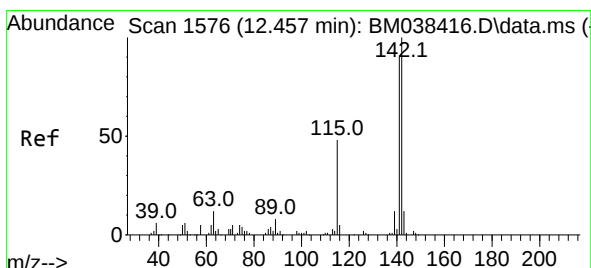
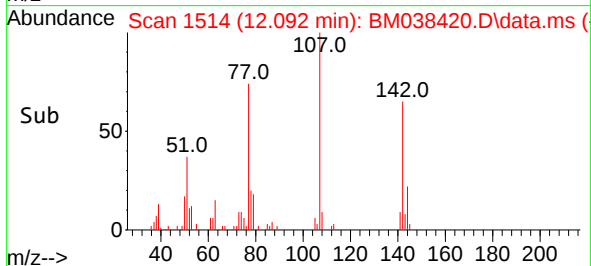
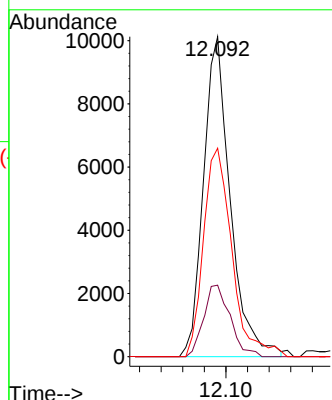
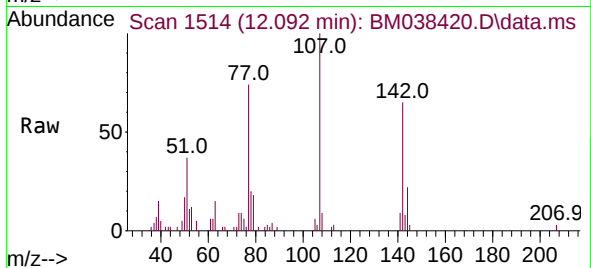
#35
4-Chloro-3-methylphenol
Concen: 3.461 ng/ul m
RT: 12.092 min Scan# 1514
Delta R.T. -0.006 min
Lab File: BM038420.D
Acq: 10 Jan 2023 12:03

Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT3-2022-06

Tgt Ion:107 Resp: 17386
Ion Ratio Lower Upper
107 100
144 22.3 18.1 27.1
142 65.1 57.4 86.2

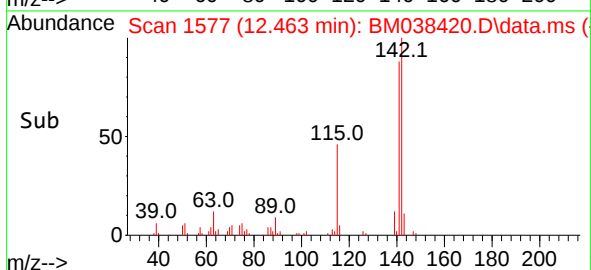
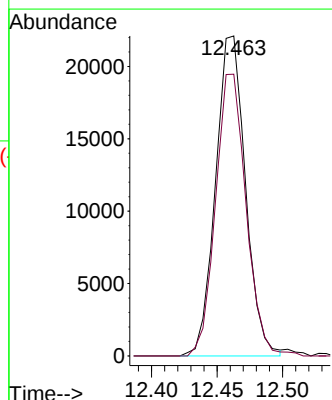
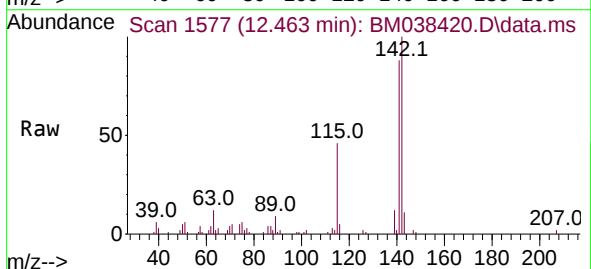
Manual Integrations
APPROVED

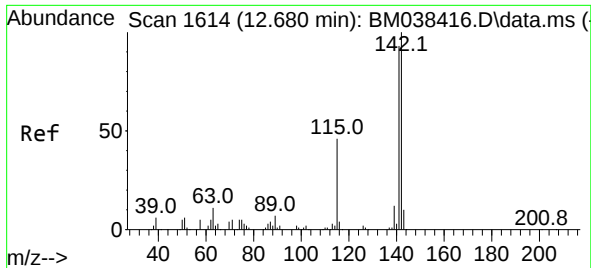
Reviewed By :Jagrut Upadhyay 01/11/2023
Supervised By :mohammad ahmed 01/12/2023



#36
2-Methylnaphthalene
Concen: 3.578 ng/ul
RT: 12.463 min Scan# 1577
Delta R.T. -0.006 min
Lab File: BM038420.D
Acq: 10 Jan 2023 12:03

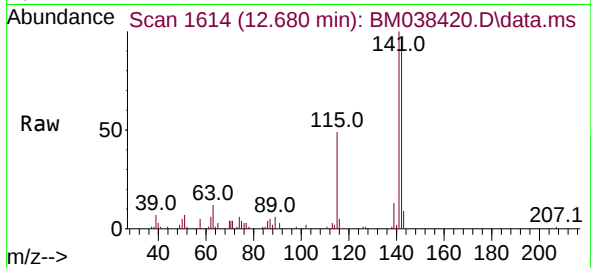
Tgt Ion:142 Resp: 35150
Ion Ratio Lower Upper
142 100
141 88.0 73.2 109.8





#37
1-Methylnaphthalene
Concen: 3.124 ng/ul
RT: 12.680 min Scan# 1614
Delta R.T. -0.006 min
Lab File: BM038420.D
Acq: 10 Jan 2023 12:03

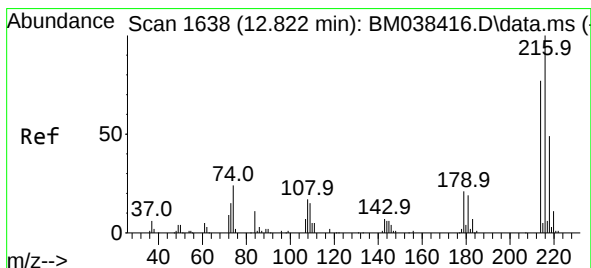
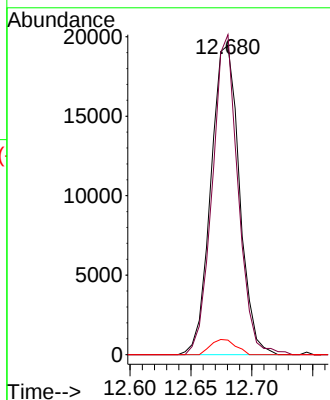
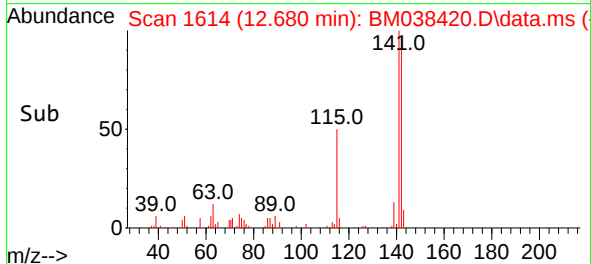
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT3-2022-06



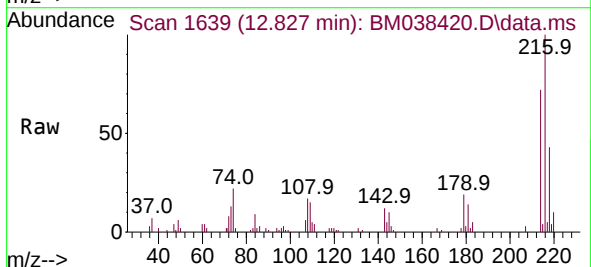
Tgt Ion:142 Resp: 31758
Ion Ratio Lower Upper
142 100
141 103.5 75.9 113.9
116 4.7 4.2 6.2

Manual Integrations
APPROVED

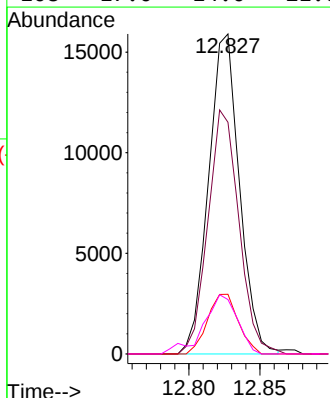
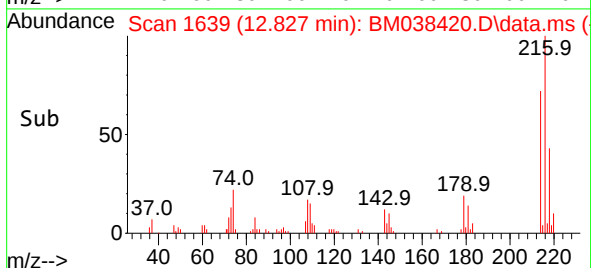
Reviewed By :Jagrut Upadhyay 01/11/2023
Supervised By :mohammad ahmed 01/12/2023

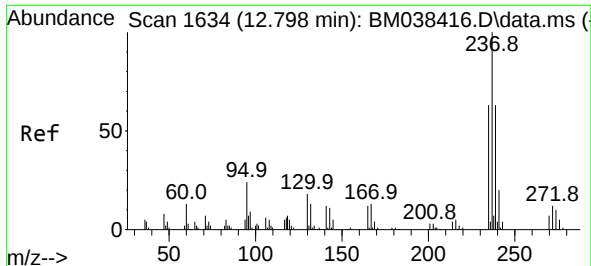


#39
1,2,4,5-Tetrachlorobenzene
Concen: 4.082 ng/ul
RT: 12.827 min Scan# 1639
Delta R.T. -0.006 min
Lab File: BM038420.D
Acq: 10 Jan 2023 12:03



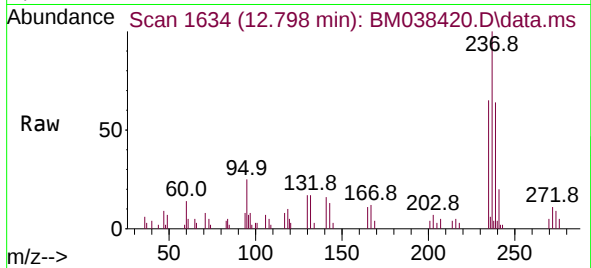
Tgt Ion:216 Resp: 24097
Ion Ratio Lower Upper
216 100
214 72.4 62.0 93.0
179 18.6 15.6 23.4
108 17.0 14.0 21.0





#40
Hexachlorocyclopentadiene
Concen: 3.006 ng/ul
RT: 12.798 min Scan# 1634
Delta R.T. -0.006 min
Lab File: BM038420.D
Acq: 10 Jan 2023 12:03

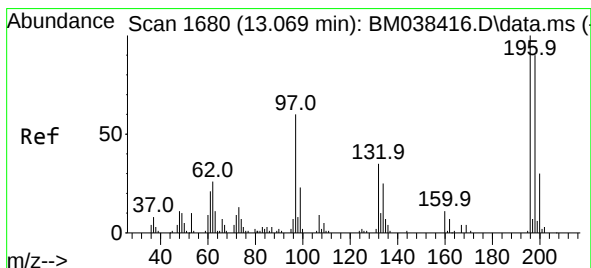
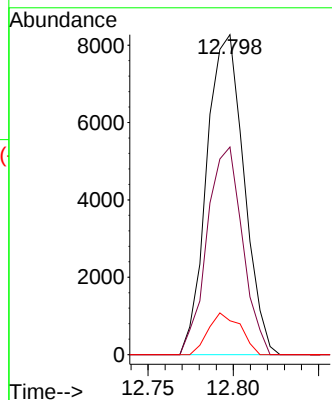
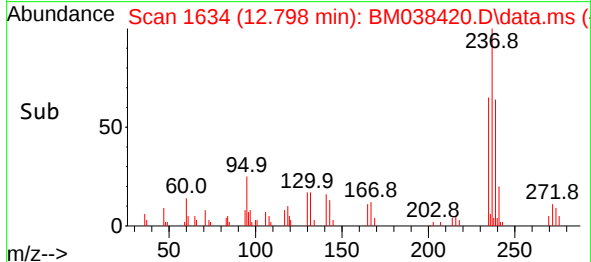
Instrument : BNA_M
ClientSampleId :
MDL-SOIL-QT3-2022-06



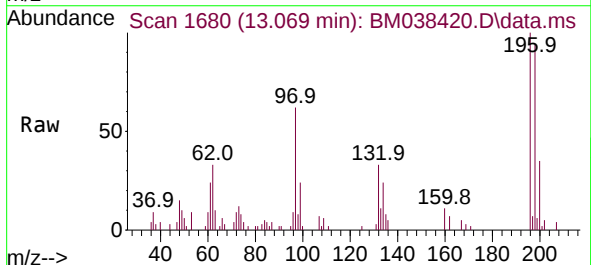
Tgt Ion:	237	Resp:	1253
Ion Ratio	Lower	Upper	
237	100		
235	64.9	51.0	76.4
272	10.6	10.2	15.4

Manual Integrations
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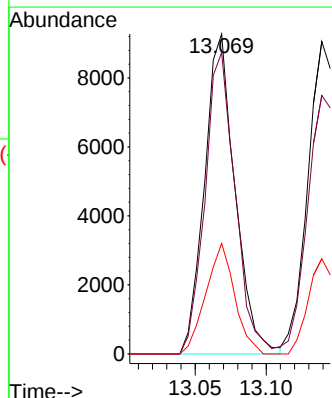
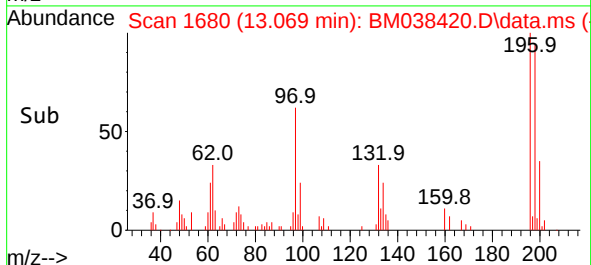
Reviewed By :Jagrut Upadhyay 01/11/2023
Supervised By :mohammad ahmed 01/12/2023

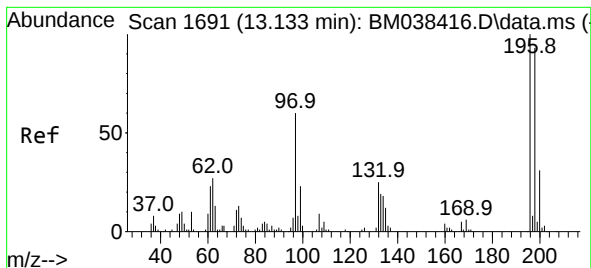


#41
2,4,6-Trichlorophenol
Concen: 3.789 ng/ul
RT: 13.069 min Scan# 1680
Delta R.T. -0.006 min
Lab File: BM038420.D
Acq: 10 Jan 2023 12:03



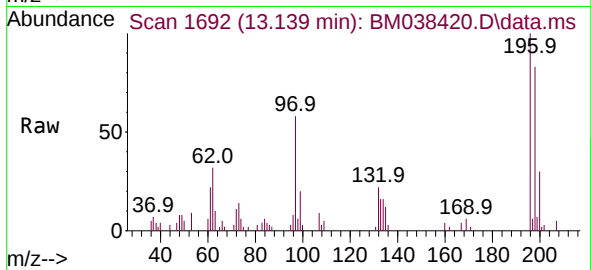
Tgt Ion:	196	Resp:	13881
Ion Ratio	Lower	Upper	
196	100		
198	94.2	77.7	116.5
200	34.5	25.0	37.4





#42
2,4,5-Trichlorophenol
Concen: 3.827 ng/ul
RT: 13.139 min Scan# 1692
Delta R.T. -0.006 min
Lab File: BM038420.D
Acq: 10 Jan 2023 12:03

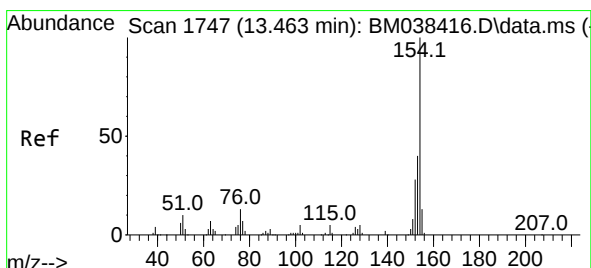
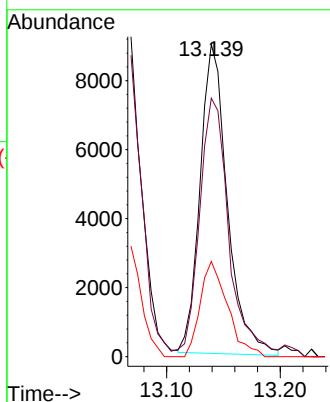
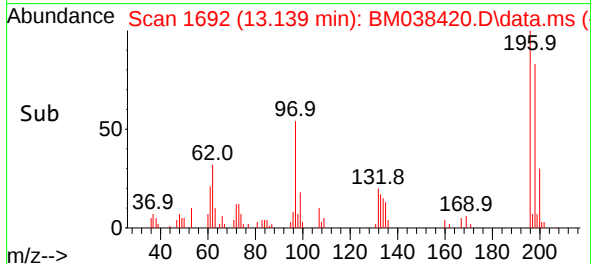
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT3-2022-06



Tgt Ion:196 Resp: 1502
Ion Ratio Lower Upper
196 100
198 82.7 76.6 115.0
200 30.5 25.4 38.2

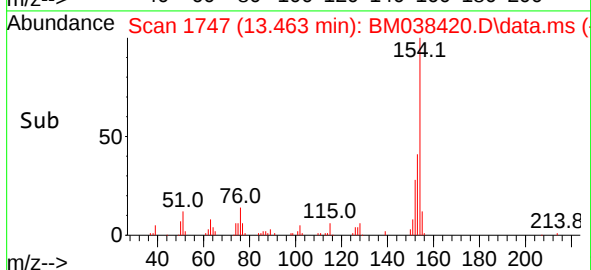
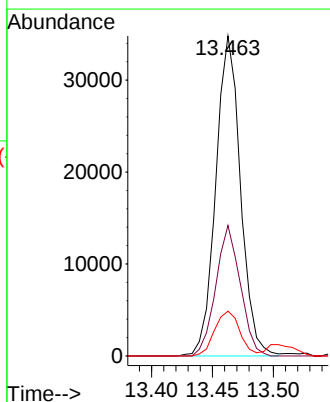
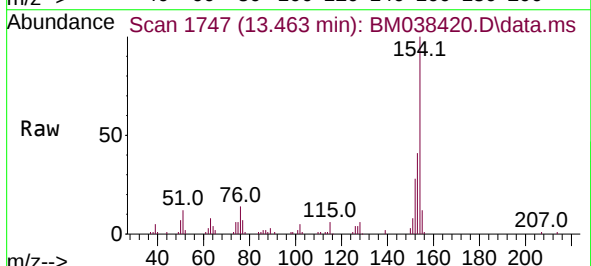
Manual Integrations
APPROVED

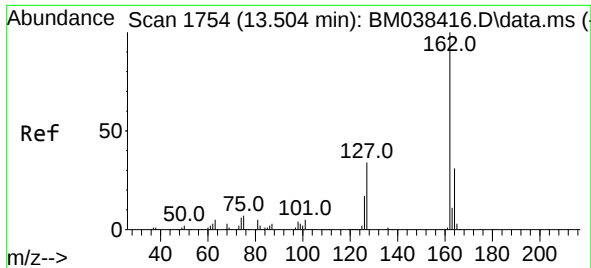
Reviewed By :Jagrut Upadhyay 01/11/2023
Supervised By :mohammad ahmed 01/12/2023



#43
1,1'-Biphenyl
Concen: 3.898 ng/ul
RT: 13.463 min Scan# 1747
Delta R.T. -0.006 min
Lab File: BM038420.D
Acq: 10 Jan 2023 12:03

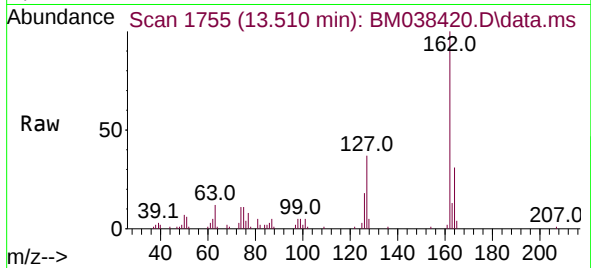
Tgt Ion:154 Resp: 49188
Ion Ratio Lower Upper
154 100
153 40.8 32.6 49.0
76 14.0 11.6 17.4





#44
2-Chloronaphthalene
Concen: 3.825 ng/ul
RT: 13.510 min Scan# 1755
Delta R.T. -0.006 min
Lab File: BM038420.D
Acq: 10 Jan 2023 12:03

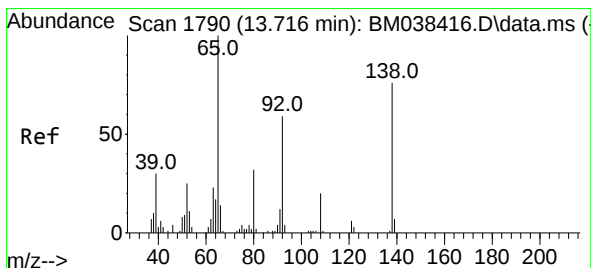
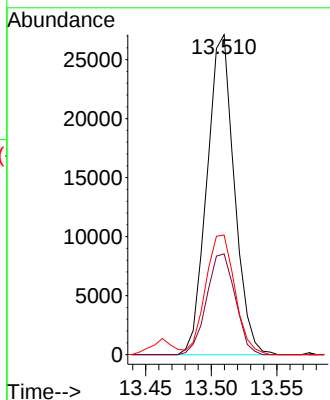
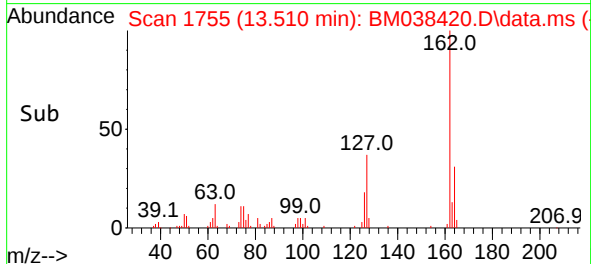
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT3-2022-06



Tgt Ion:162 Resp: 39414
Ion Ratio Lower Upper
162 100
164 31.5 26.6 39.8
127 37.4 29.7 44.5

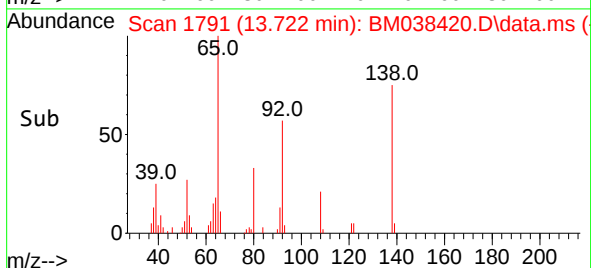
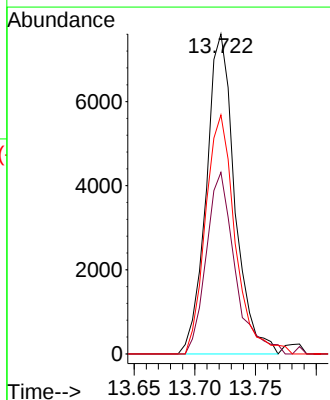
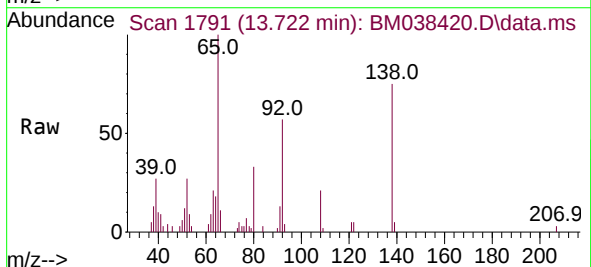
Manual Integrations
APPROVED

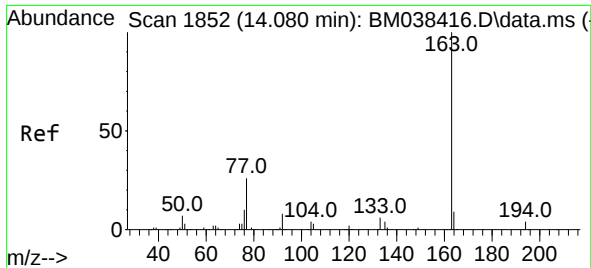
Reviewed By :Jagrut Upadhyay 01/11/2023
Supervised By :mohammad ahmed 01/12/2023



#45
2-Nitroaniline
Concen: 3.610 ng/ul m
RT: 13.722 min Scan# 1791
Delta R.T. -0.006 min
Lab File: BM038420.D
Acq: 10 Jan 2023 12:03

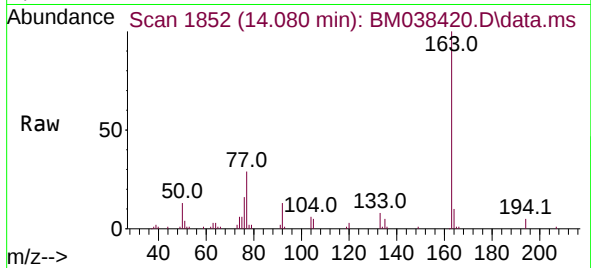
Tgt Ion: 65 Resp: 12445
Ion Ratio Lower Upper
65 100
92 56.7 47.6 71.4
138 74.7 64.6 96.8





#47
Dimethylphthalate
Concen: 4.002 ng/ul
RT: 14.080 min Scan# 1852
Delta R.T. -0.012 min
Lab File: BM038420.D
Acq: 10 Jan 2023 12:03

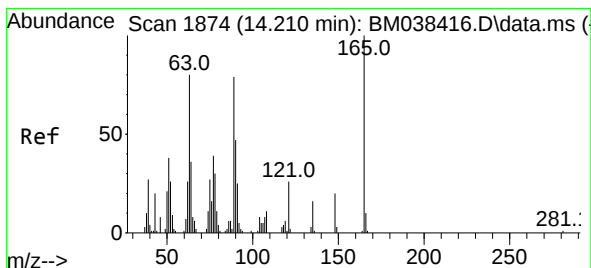
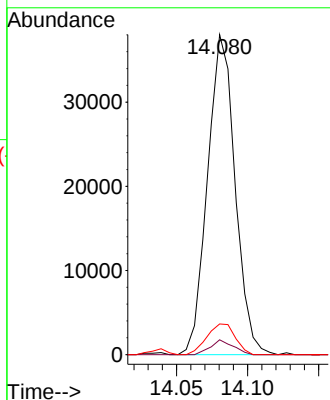
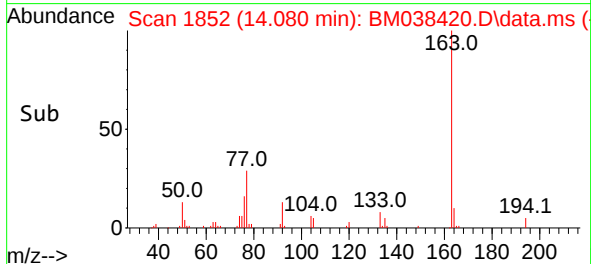
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT3-2022-06



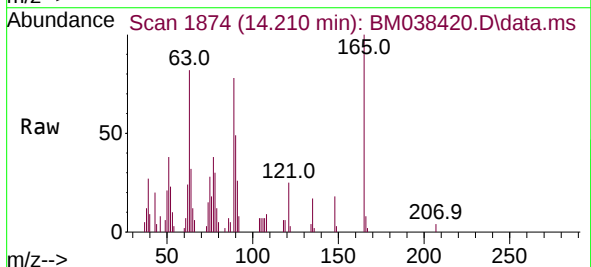
Tgt Ion:163 Resp: 5135
Ion Ratio Lower Upper
163 100
194 4.6 3.0 4.6
164 9.6 8.2 12.2

Manual Integrations
APPROVED

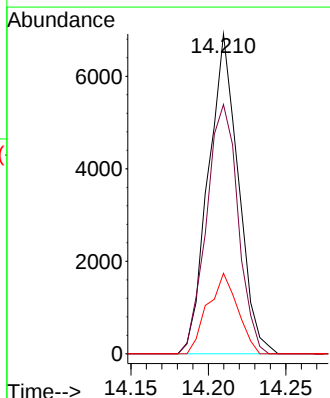
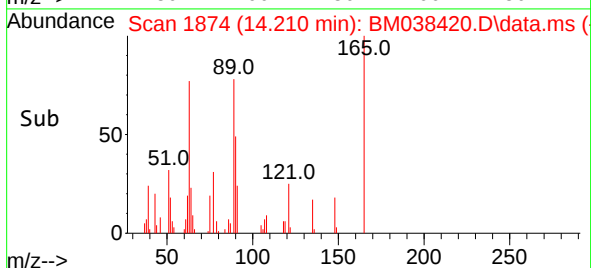
Reviewed By :Jagrut Upadhyay 01/11/2023
Supervised By :mohammad ahmed 01/12/2023

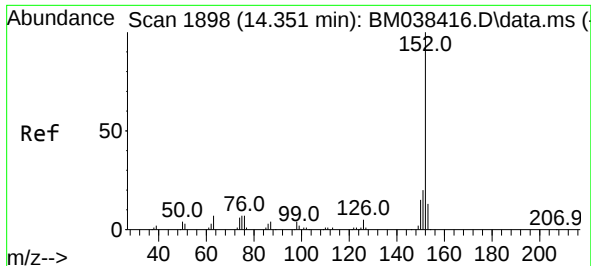


#48
2,6-Dinitrotoluene
Concen: 3.829 ng/ul
RT: 14.210 min Scan# 1874
Delta R.T. -0.006 min
Lab File: BM038420.D
Acq: 10 Jan 2023 12:03



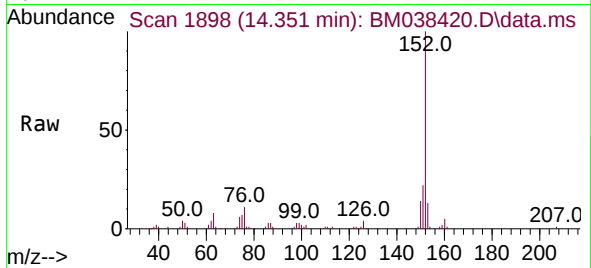
Tgt Ion:165 Resp: 9355
Ion Ratio Lower Upper
165 100
89 77.9 66.2 99.2
121 25.2 18.9 28.3





#50
Acenaphthylene
Concen: 3.869 ng/ul
RT: 14.351 min Scan# 1898
Delta R.T. -0.006 min
Lab File: BM038420.D
Acq: 10 Jan 2023 12:03

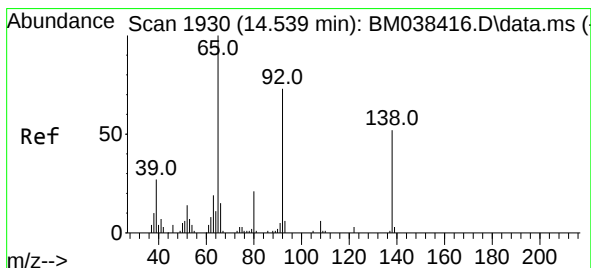
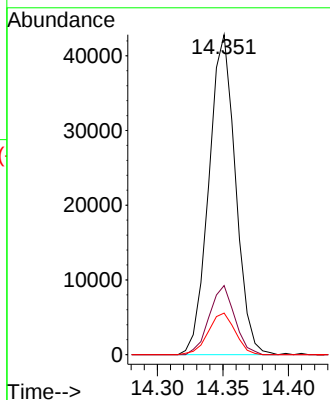
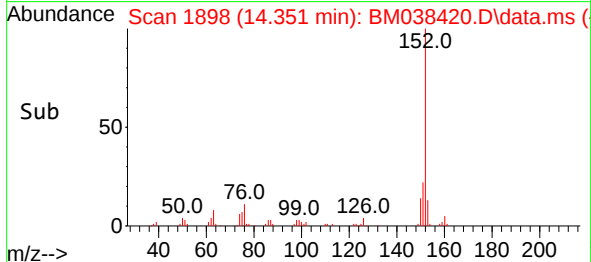
Instrument : BNA_M
ClientSampleId :
MDL-SOIL-QT3-2022-06



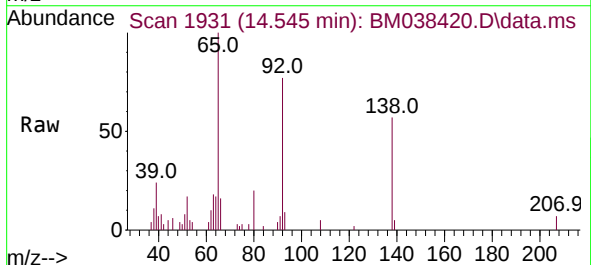
Tgt Ion:152 Resp: 60474
Ion Ratio Lower Upper
152 100
151 21.6 16.0 24.0
153 13.0 10.2 15.4

Manual Integrations
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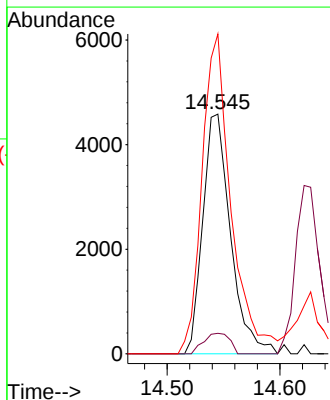
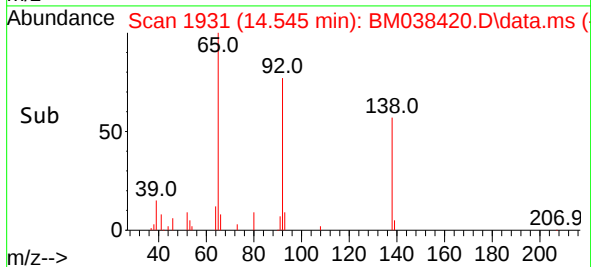
Reviewed By :Jagrut Upadhyay 01/11/2023
Supervised By :mohammad ahmed 01/12/2023

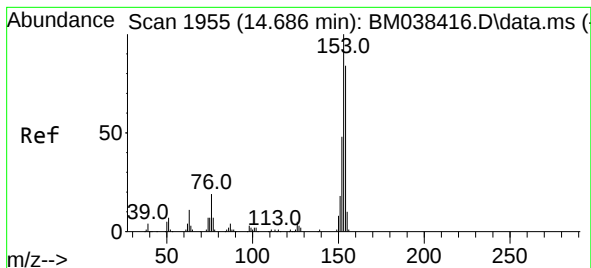


#51
3-Nitroaniline
Concen: 3.478 ng/ul m
RT: 14.545 min Scan# 1931
Delta R.T. -0.000 min
Lab File: BM038420.D
Acq: 10 Jan 2023 12:03



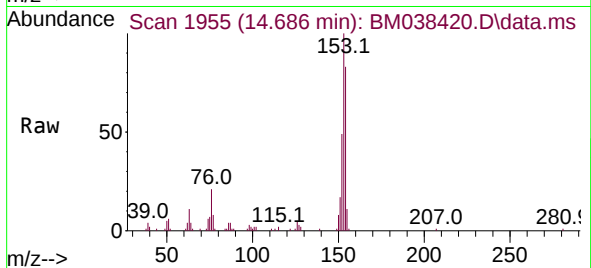
Tgt Ion:138 Resp: 7823
Ion Ratio Lower Upper
138 100
108 8.6 8.6 12.8
92 133.5 111.4 167.2





#52
Acenaphthene
Concen: 3.943 ng/ul
RT: 14.686 min Scan# 1955
Delta R.T. -0.012 min
Lab File: BM038420.D
Acq: 10 Jan 2023 12:03

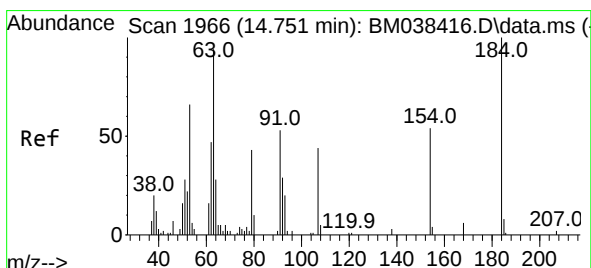
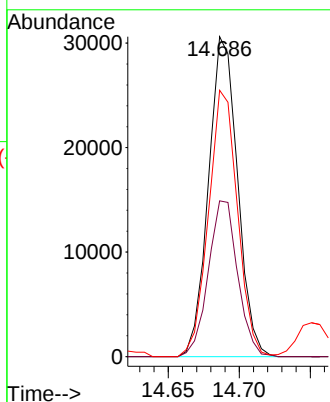
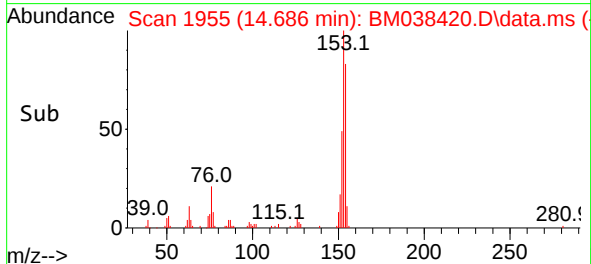
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT3-2022-06



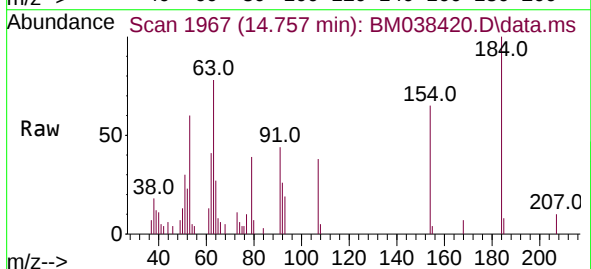
Tgt Ion:153 Resp: 43619
Ion Ratio Lower Upper
153 100
152 48.7 40.1 60.1
154 83.2 69.0 103.6

Manual Integrations
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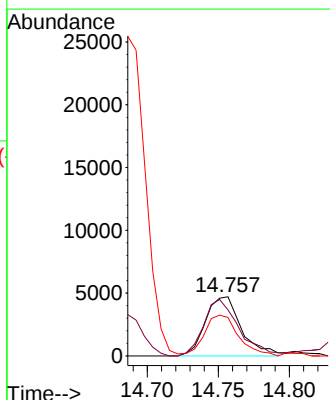
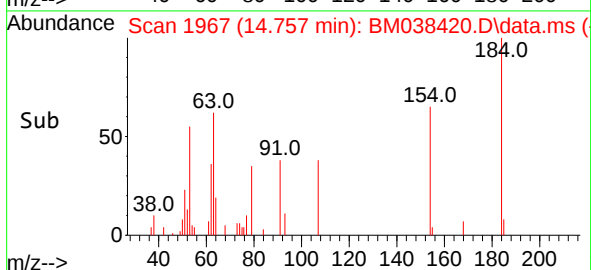
Reviewed By :Jagrut Upadhyay 01/11/2023
Supervised By :mohammad ahmed 01/12/2023

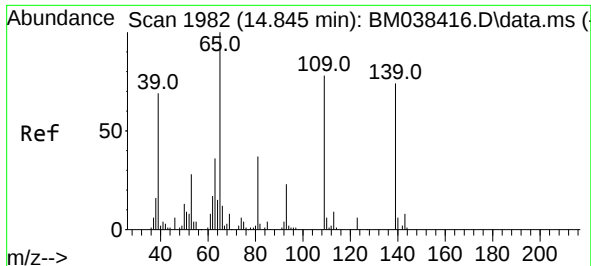


#53
2,4-Dinitrophenol
Concen: 4.540 ng/ul
RT: 14.757 min Scan# 1967
Delta R.T. -0.000 min
Lab File: BM038420.D
Acq: 10 Jan 2023 12:03



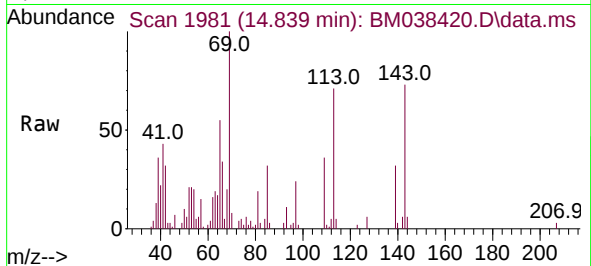
Tgt Ion:184 Resp: 8293
Ion Ratio Lower Upper
184 100
63 77.8 69.1 103.7
154 65.2 54.5 81.7





#55
4-Nitrophenol
Concen: 3.626 ng/ul
RT: 14.839 min Scan# 1982
Delta R.T. -0.012 min
Lab File: BM038420.D
Acq: 10 Jan 2023 12:03

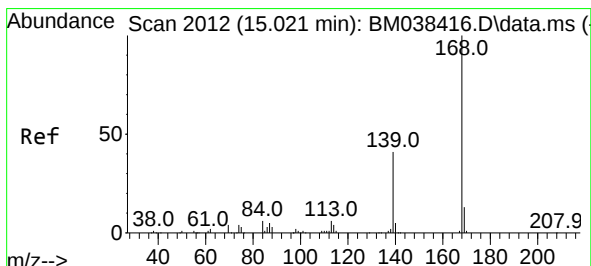
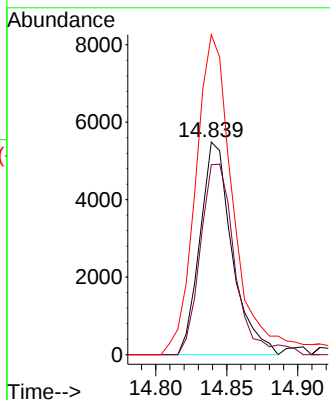
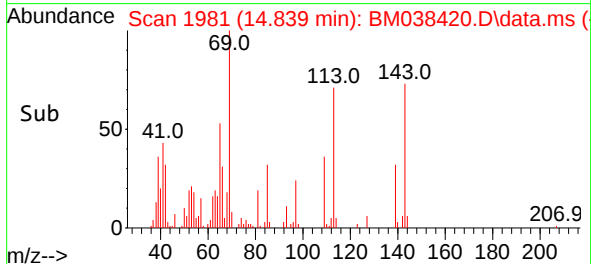
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT3-2022-06



Tgt Ion:109 Resp: 8639
Ion Ratio Lower Upper
109 100
139 89.3 79.1 118.7
65 150.6 108.6 162.8

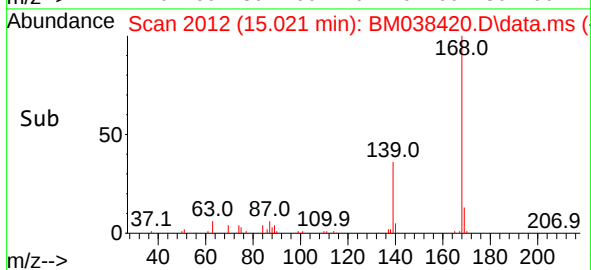
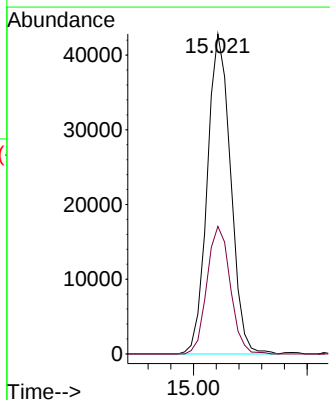
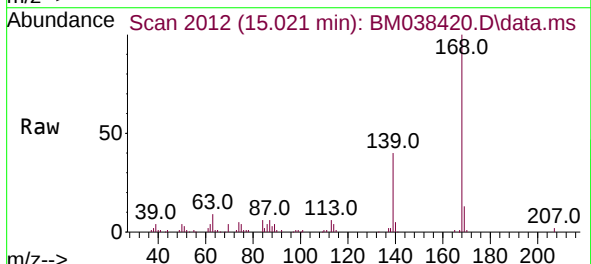
Manual Integrations
APPROVED

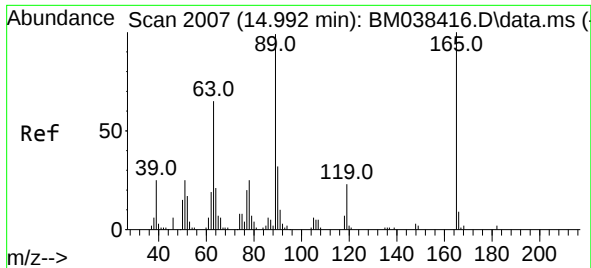
Reviewed By :Jagrut Upadhyay 01/11/2023
Supervised By :mohammad ahmed 01/12/2023



#56
Dibenzofuran
Concen: 3.895 ng/ul
RT: 15.021 min Scan# 2012
Delta R.T. -0.006 min
Lab File: BM038420.D
Acq: 10 Jan 2023 12:03

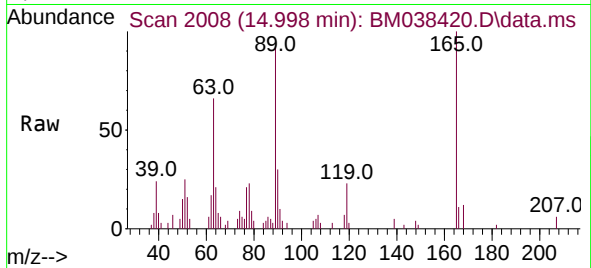
Tgt Ion:168 Resp: 61225
Ion Ratio Lower Upper
168 100
139 39.8 30.5 45.7





#57
2,4-Dinitrotoluene
Concen: 3.733 ng/ul
RT: 14.998 min Scan# 2007
Delta R.T. -0.006 min
Lab File: BM038420.D
Acq: 10 Jan 2023 12:03

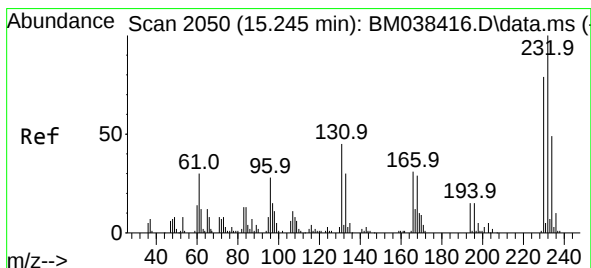
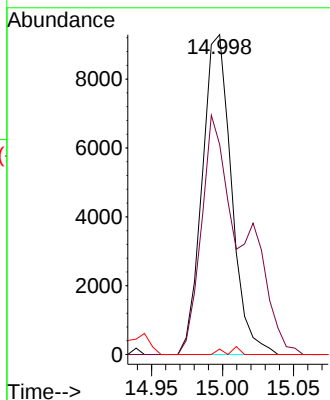
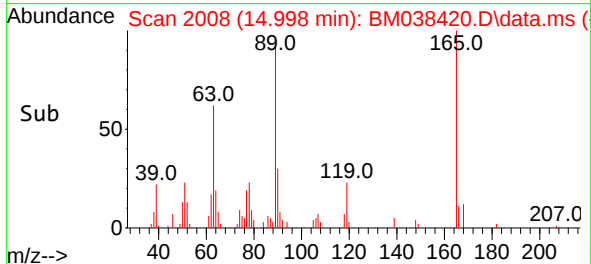
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT3-2022-06



Tgt Ion:165 Resp: 13342
Ion Ratio Lower Upper
165 100
63 65.7 46.9 70.3
182 1.7 1.3 1.9

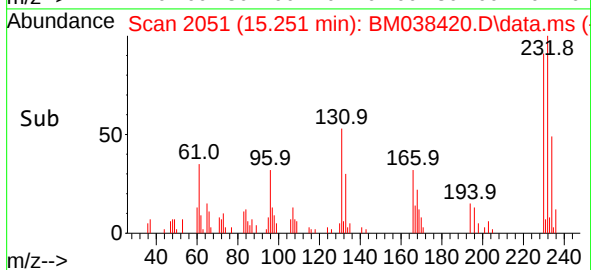
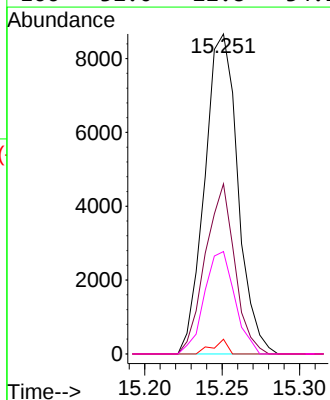
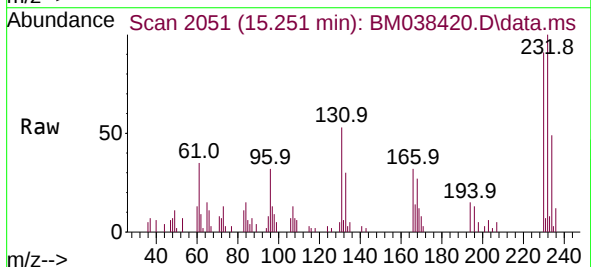
Manual Integrations
APPROVED

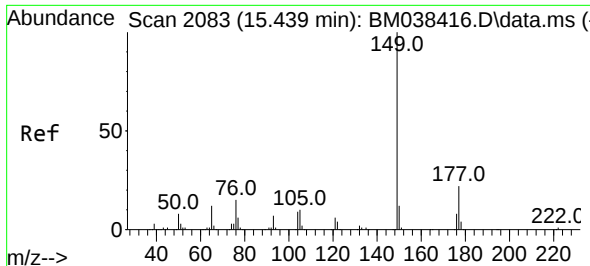
Reviewed By :Jagrut Upadhyay 01/11/2023
Supervised By :mohammad ahmed 01/12/2023



#58
2,3,4,6-Tetrachlorophenol
Concen: 3.684 ng/ul
RT: 15.251 min Scan# 2051
Delta R.T. -0.006 min
Lab File: BM038420.D
Acq: 10 Jan 2023 12:03

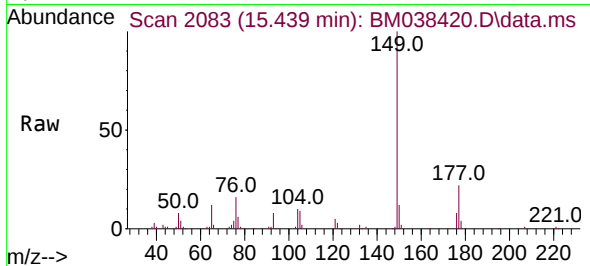
Tgt Ion:232 Resp: 12920
Ion Ratio Lower Upper
232 100
131 53.1 34.4 51.6#
130 4.6 2.2 3.4#
166 32.0 22.8 34.2





#59
Diethylphthalate
Concen: 3.973 ng/ul
RT: 15.439 min Scan# 2083
Delta R.T. -0.006 min
Lab File: BM038420.D
Acq: 10 Jan 2023 12:03

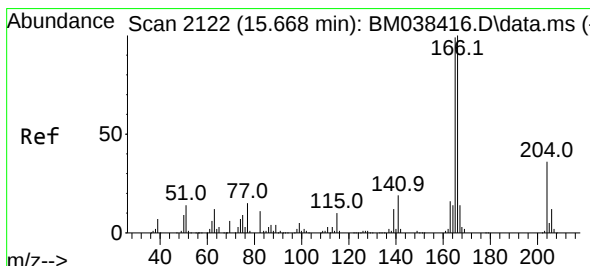
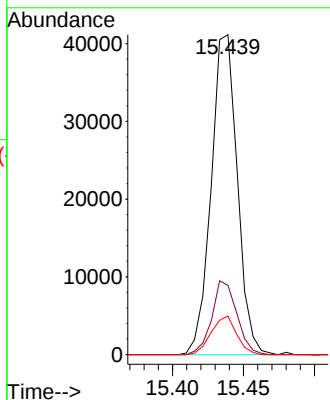
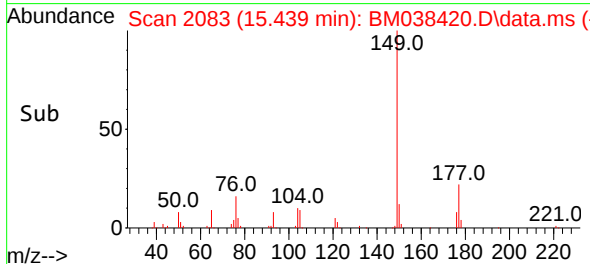
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT3-2022-06



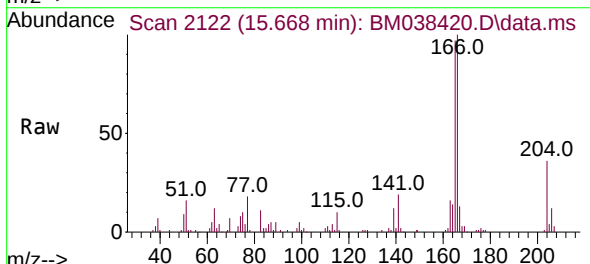
Tgt Ion:149 Resp: 52840
Ion Ratio Lower Upper
149 100
177 21.6 17.0 25.4
150 12.0 9.8 14.8

Manual Integrations
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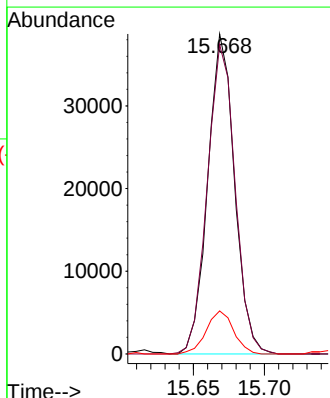
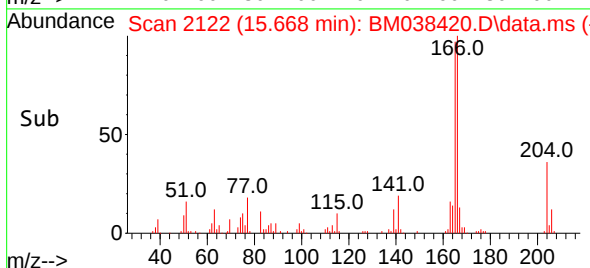
Reviewed By :Jagrut Upadhyay 01/11/2023
Supervised By :mohammad ahmed 01/12/2023

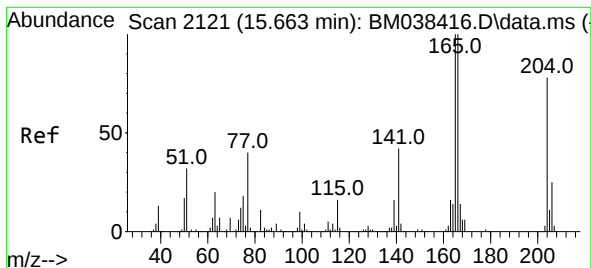


#61
Fluorene
Concen: 3.759 ng/ul
RT: 15.668 min Scan# 2122
Delta R.T. -0.012 min
Lab File: BM038420.D
Acq: 10 Jan 2023 12:03



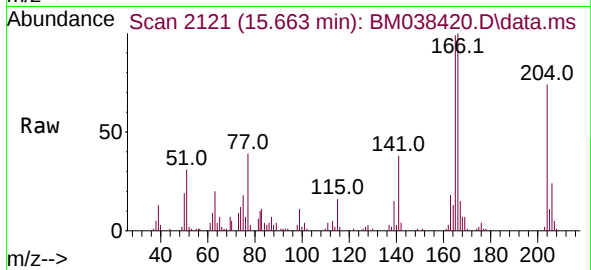
Tgt Ion:166 Resp: 50728
Ion Ratio Lower Upper
166 100
165 96.7 78.7 118.1
167 13.4 11.0 16.6





#62
4-Chlorophenyl-phenylether
Concen: 3.886 ng/ul
RT: 15.663 min Scan# 2121
Delta R.T. -0.006 min
Lab File: BM038420.D
Acq: 10 Jan 2023 12:03

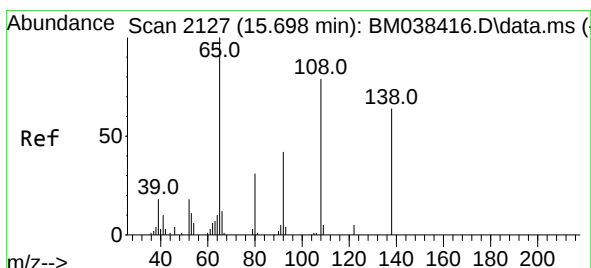
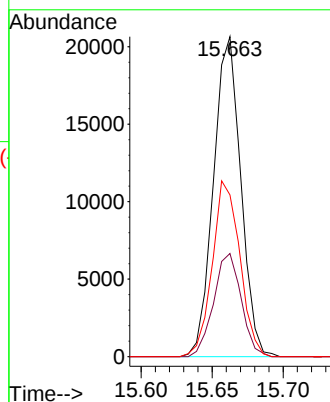
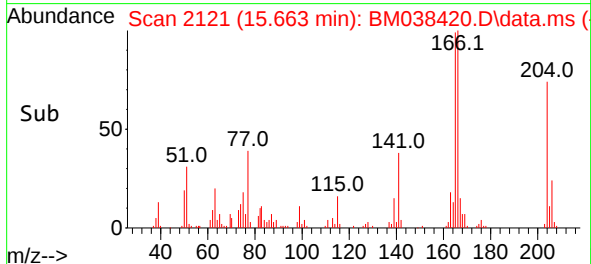
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT3-2022-06



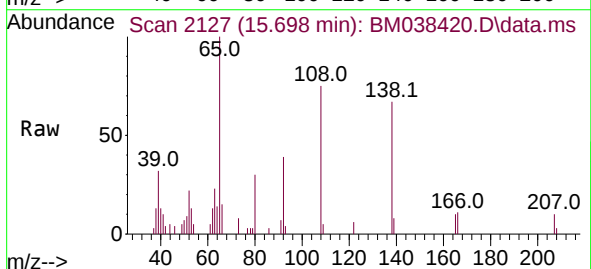
Tgt Ion:204 Resp: 2760
Ion Ratio Lower Upper
204 100
206 32.2 26.8 40.2
141 50.5 42.9 64.3

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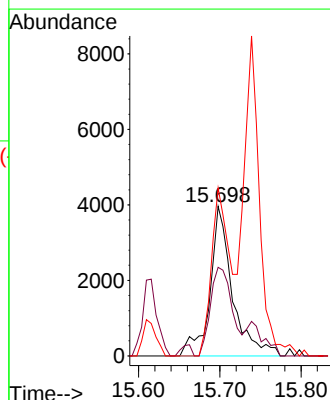
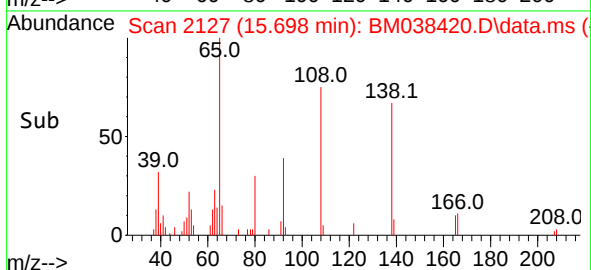
Reviewed By :Jagrut Upadhyay 01/11/2023
Supervised By :mohammad ahmed 01/12/2023

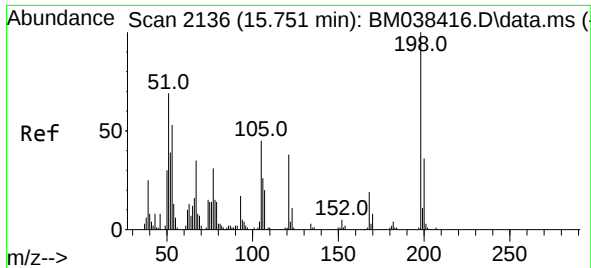


#63
4-Nitroaniline
Concen: 3.537 ng/ul m
RT: 15.698 min Scan# 2127
Delta R.T. -0.006 min
Lab File: BM038420.D
Acq: 10 Jan 2023 12:03



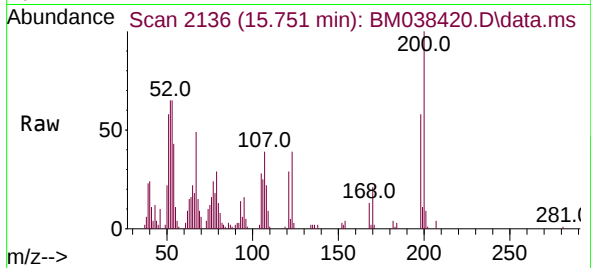
Tgt Ion:138 Resp: 7614
Ion Ratio Lower Upper
138 100
92 59.3 50.2 75.2
108 112.4 89.3 133.9





#66
4,6-Dinitro-2-methylphenol
Concen: 4.294 ng/ul
RT: 15.751 min Scan# 2136
Delta R.T. -0.012 min
Lab File: BM038420.D
Acq: 10 Jan 2023 12:03

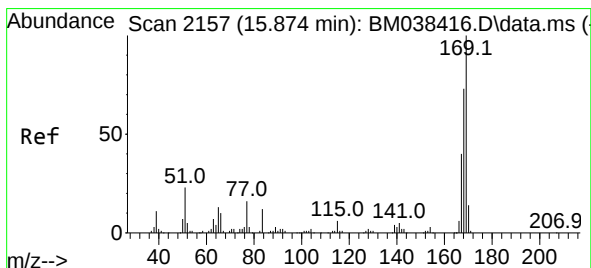
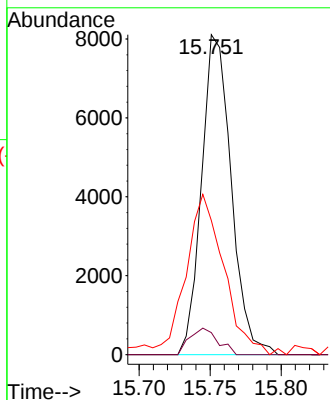
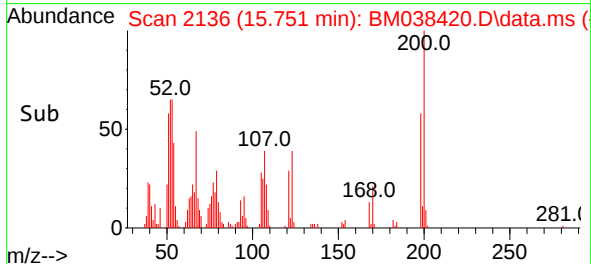
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT3-2022-06



Tgt Ion:198 Resp: 11800
Ion Ratio Lower Upper
198 100
182 6.9 3.0 4.6
77 42.0 24.8 37.2

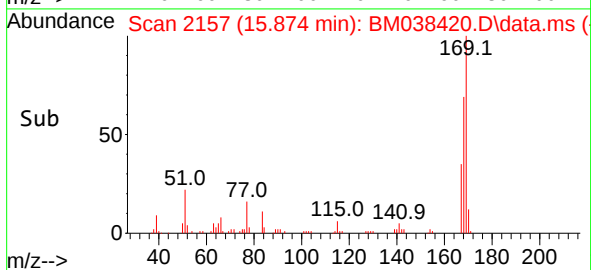
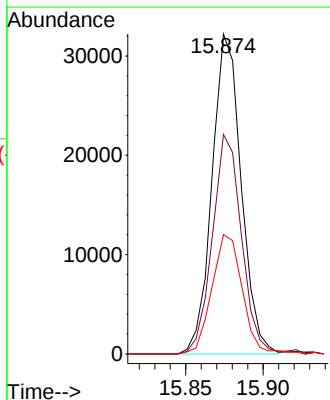
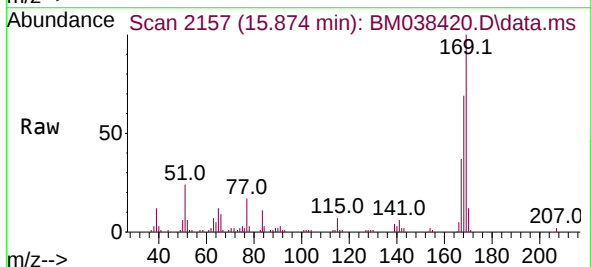
Manual Integrations
APPROVED

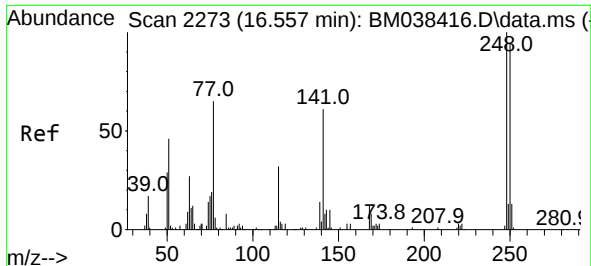
Reviewed By :Jagrut Upadhyay 01/11/2023
Supervised By :mohammad ahmed 01/12/2023



#67
N-Nitrosodiphenylamine
Concen: 3.730 ng/ul
RT: 15.874 min Scan# 2157
Delta R.T. -0.012 min
Lab File: BM038420.D
Acq: 10 Jan 2023 12:03

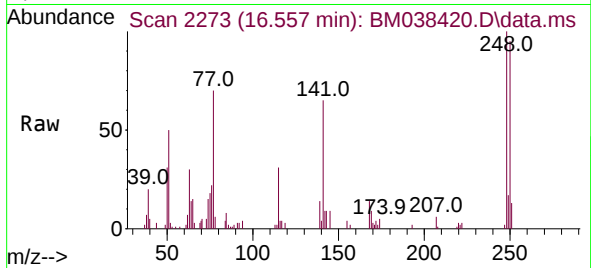
Tgt Ion:169 Resp: 42087
Ion Ratio Lower Upper
169 100
168 68.6 56.4 84.6
167 37.3 30.5 45.7





#68
4-Bromophenyl-phenylether
Concen: 3.799 ng/ul
RT: 16.557 min Scan# 2273
Delta R.T. -0.006 min
Lab File: BM038420.D
Acq: 10 Jan 2023 12:03

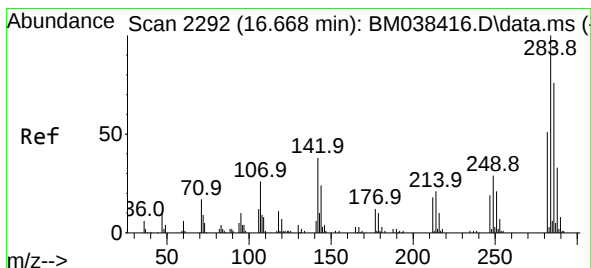
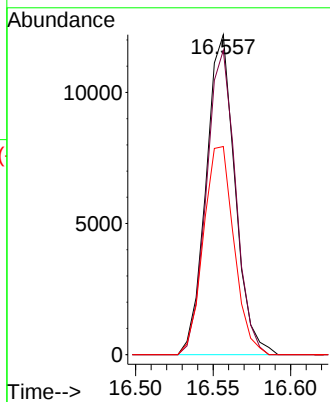
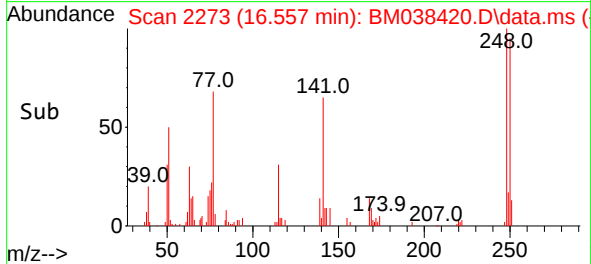
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT3-2022-06



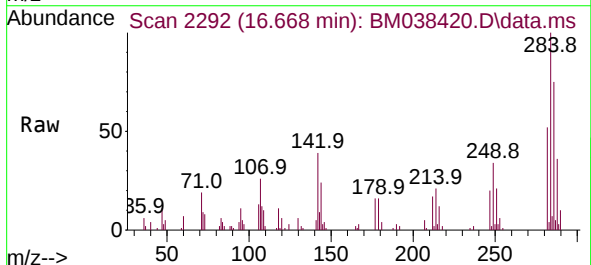
Tgt Ion:248 Resp: 15926
Ion Ratio Lower Upper
248 100
250 95.1 76.7 115.1
141 65.0 50.3 75.5

Manual Integrations
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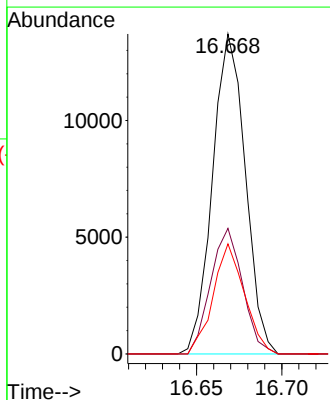
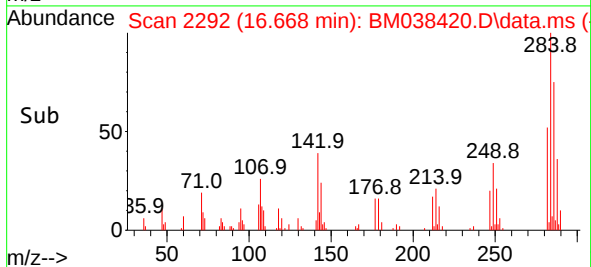
Reviewed By :Jagrut Upadhyay 01/11/2023
Supervised By :mohammad ahmed 01/12/2023

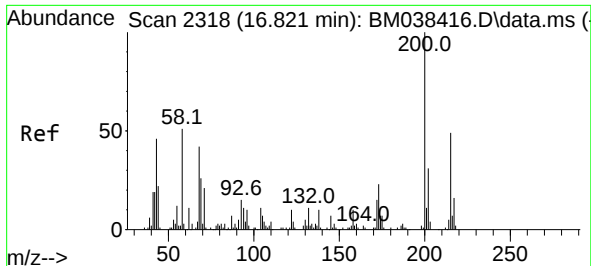


#69
Hexachlorobenzene
Concen: 3.796 ng/ul
RT: 16.668 min Scan# 2292
Delta R.T. -0.006 min
Lab File: BM038420.D
Acq: 10 Jan 2023 12:03



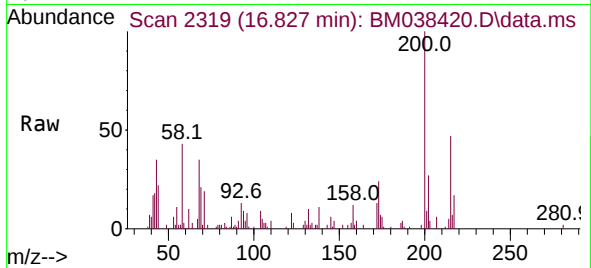
Tgt Ion:284 Resp: 18351
Ion Ratio Lower Upper
284 100
142 36.7 30.1 45.1
249 32.2 25.0 37.4





#70
Atrazine
Concen: 4.137 ng/ul
RT: 16.827 min Scan# 2318
Delta R.T. -0.006 min
Lab File: BM038420.D
Acq: 10 Jan 2023 12:03

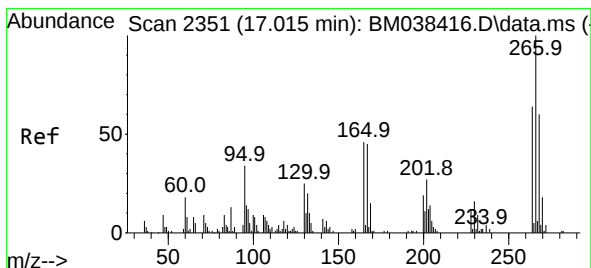
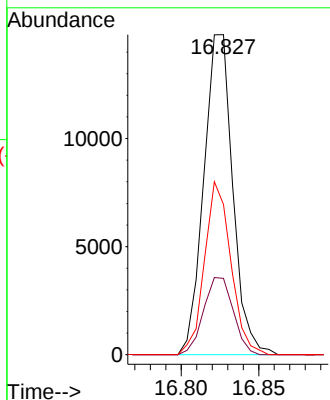
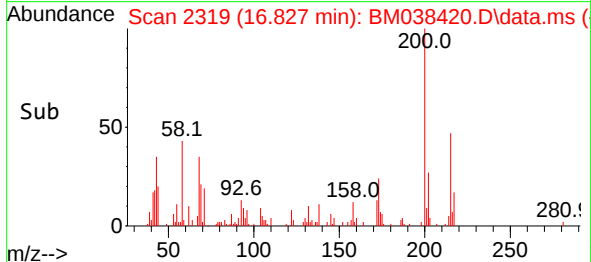
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT3-2022-06



Tgt Ion:200 Resp: 1929
Ion Ratio Lower Upper
200 100
173 23.8 18.6 27.8
215 46.9 41.1 61.7

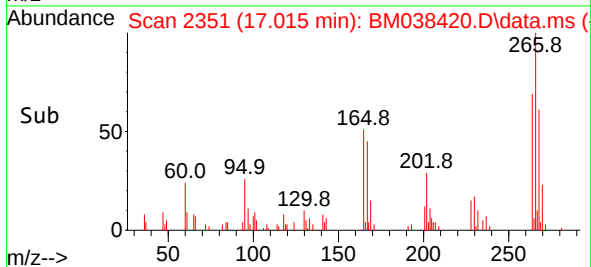
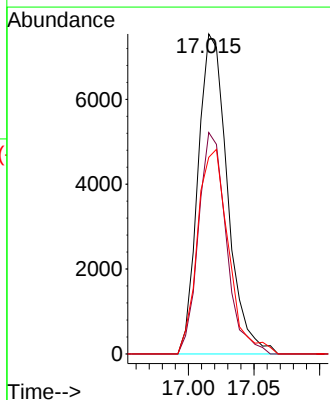
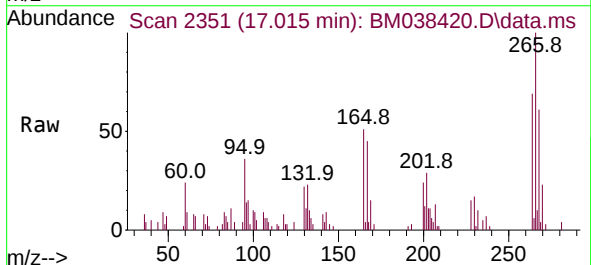
Manual Integrations
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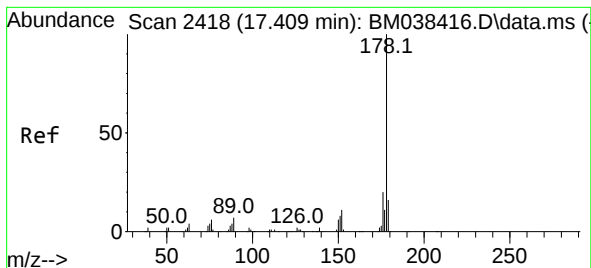
Reviewed By :Jagrut Upadhyay 01/11/2023
Supervised By :mohammad ahmed 01/12/2023



#71
Pentachlorophenol
Concen: 3.692 ng/ul
RT: 17.015 min Scan# 2351
Delta R.T. -0.006 min
Lab File: BM038420.D
Acq: 10 Jan 2023 12:03

Tgt Ion:266 Resp: 11779
Ion Ratio Lower Upper
266 100
264 69.2 51.6 77.4
268 65.8 50.9 76.3





#72

Phenanthrene

Concen: 3.836 ng/uI

RT: 17.410 min Scan# 2418

Delta R.T. -0.006 min

Lab File: BM038420.D

Acq: 10 Jan 2023 12:03

Instrument :

BNA_M

ClientSampleId :

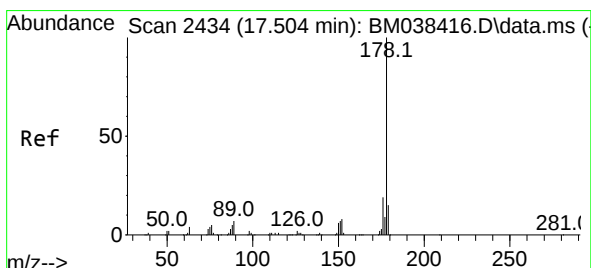
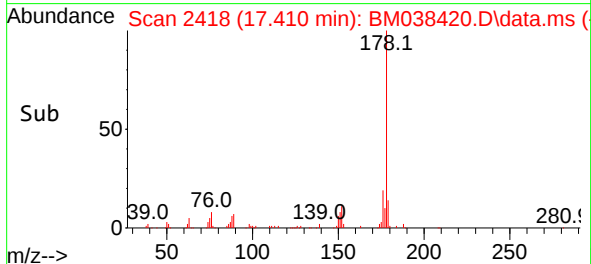
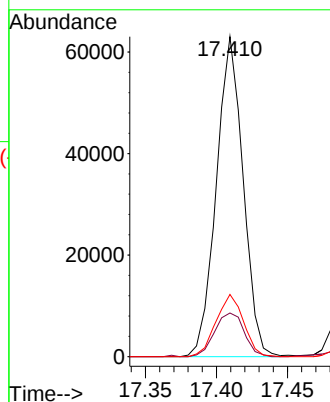
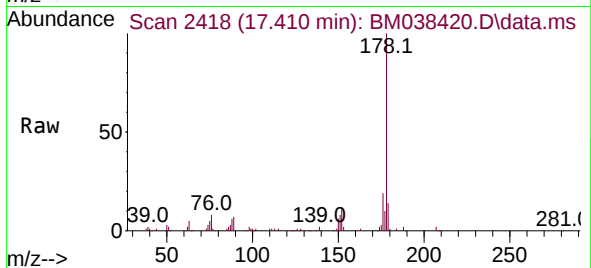
MDL-SOIL-QT3-2022-06

Tgt Ion:178 Resp: 82808
 Ion Ratio Lower Upper
 178 100
 179 13.6 12.2 18.4
 176 19.4 15.4 23.2

Manual Integrations

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Reviewed By :Jagrut Upadhyay 01/11/2023
 Supervised By :mohammad ahmed 01/12/2023



#74

Anthracene

Concen: 3.793 ng/uI

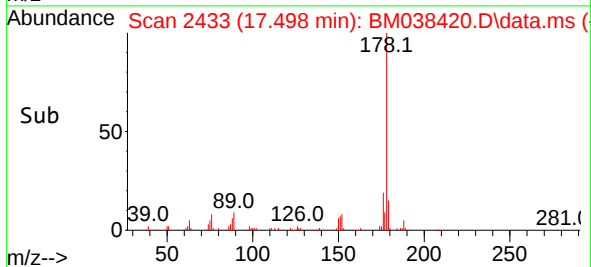
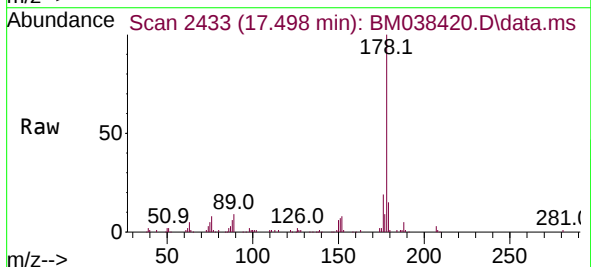
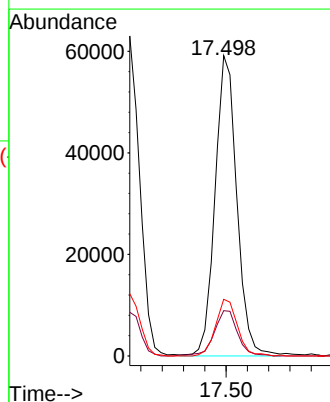
RT: 17.498 min Scan# 2433

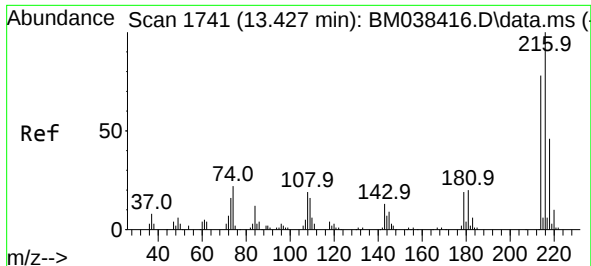
Delta R.T. -0.012 min

Lab File: BM038420.D

Acq: 10 Jan 2023 12:03

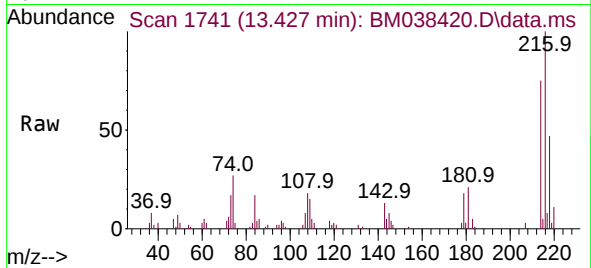
Tgt Ion:178 Resp: 84209
 Ion Ratio Lower Upper
 178 100
 179 15.1 12.2 18.4
 176 18.9 15.5 23.3





#75
1,2,3,4-Tetrachlorobenzene
Concen: 3.412 ng/uL
RT: 13.427 min Scan# 1741
Delta R.T. -0.012 min
Lab File: BM038420.D
Acq: 10 Jan 2023 12:03

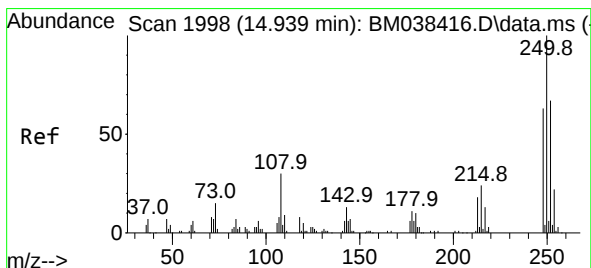
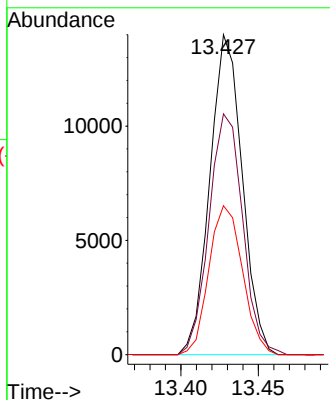
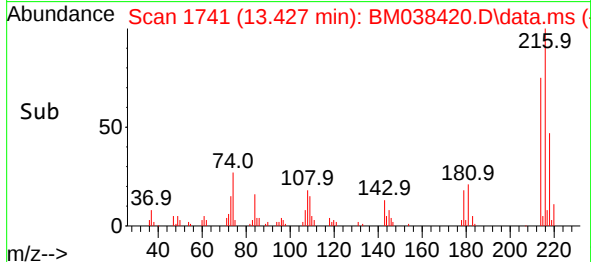
Instrument : BNA_M
ClientSampleId :
MDL-SOIL-QT3-2022-06



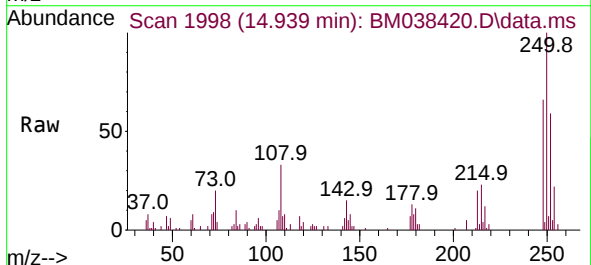
Tgt Ion:216 Resp: 20373
Ion Ratio Lower Upper
216 100
214 75.2 60.2 90.4
218 46.5 38.2 57.4

Manual Integrations
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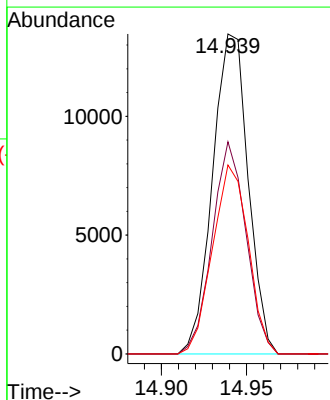
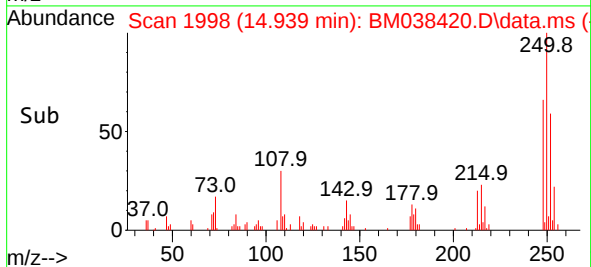
Reviewed By :Jagrut Upadhyay 01/11/2023
Supervised By :mohammad ahmed 01/12/2023

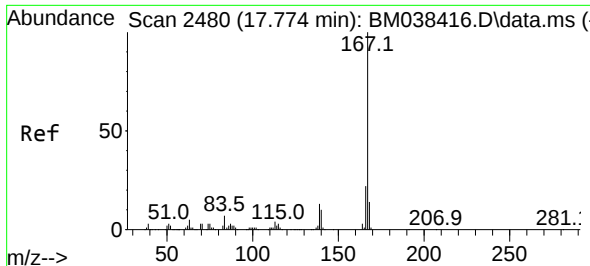


#76
Pentachlorobenzene
Concen: 3.404 ng/uL
RT: 14.939 min Scan# 1998
Delta R.T. -0.012 min
Lab File: BM038420.D
Acq: 10 Jan 2023 12:03



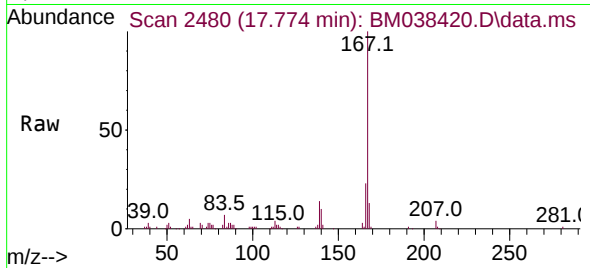
Tgt Ion:250 Resp: 19586
Ion Ratio Lower Upper
250 100
248 69.8 50.3 75.5
252 59.0 53.2 79.8





#77
 Carbazole
 Concen: 3.499 ng/ul
 RT: 17.774 min Scan# 2480
 Delta R.T. -0.006 min
 Lab File: BM038420.D
 Acq: 10 Jan 2023 12:03

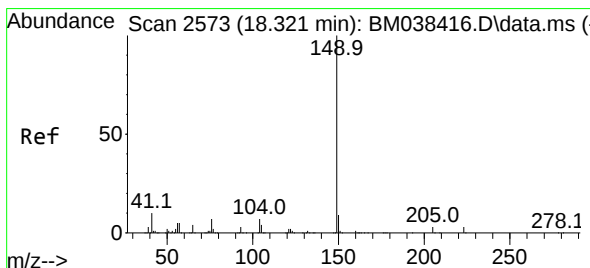
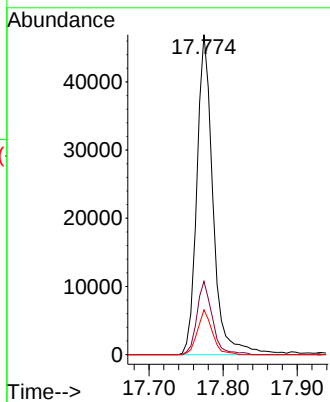
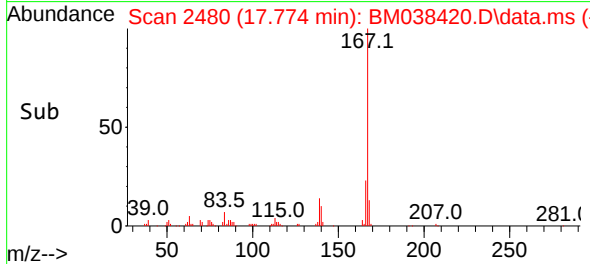
Instrument : BNA_M
 ClientSampleId :
 MDL-SOIL-QT3-2022-06



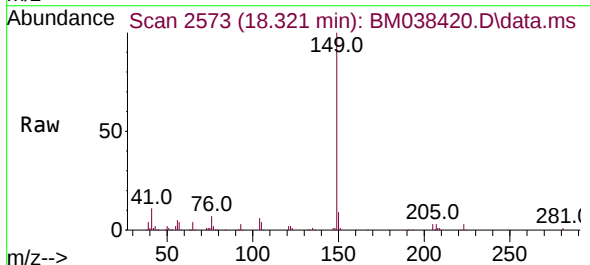
Tgt Ion:167 Resp: 71228
 Ion Ratio Lower Upper
 167 100
 166 22.9 17.8 26.8
 139 14.0 10.2 15.2

Manual Integrations
 APPROVED

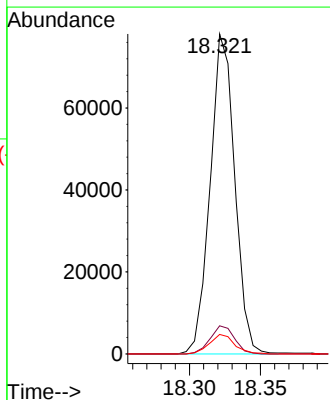
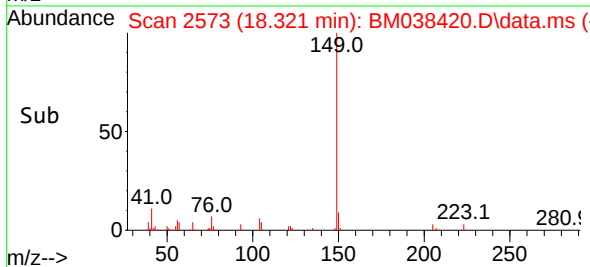
Reviewed By :Jagrut Upadhyay 01/11/2023
 Supervised By :mohammad ahmed 01/12/2023

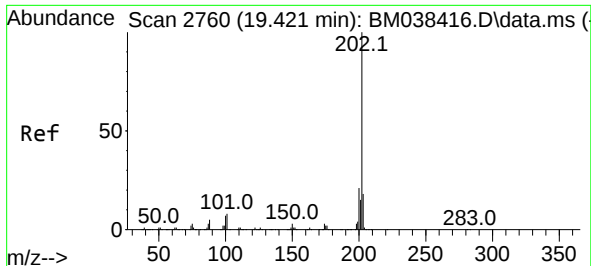


#78
 Di-n-butylphthalate
 Concen: 3.865 ng/ul
 RT: 18.321 min Scan# 2573
 Delta R.T. -0.006 min
 Lab File: BM038420.D
 Acq: 10 Jan 2023 12:03



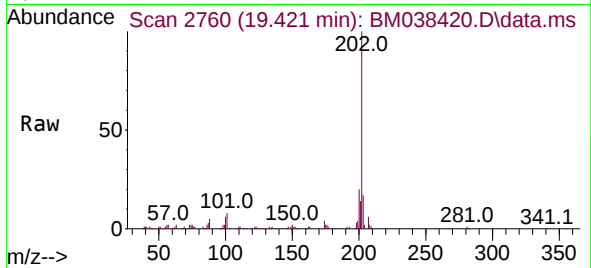
Tgt Ion:149 Resp: 93989
 Ion Ratio Lower Upper
 149 100
 150 8.8 7.4 11.0
 104 6.1 4.8 7.2





#80
Fluoranthene
Concen: 3.697 ng/ul
RT: 19.421 min Scan# 2760
Delta R.T. -0.006 min
Lab File: BM038420.D
Acq: 10 Jan 2023 12:03

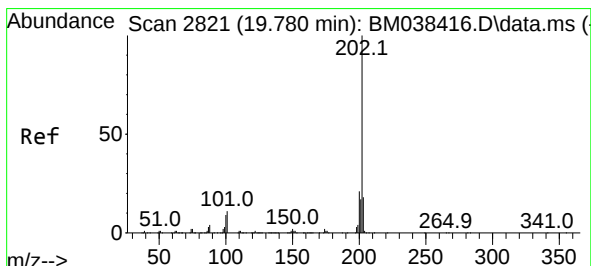
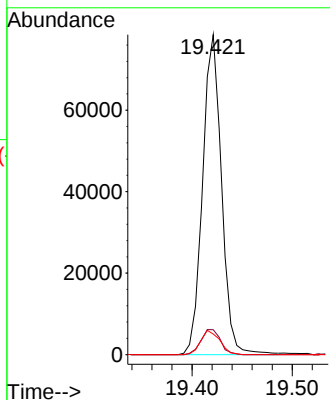
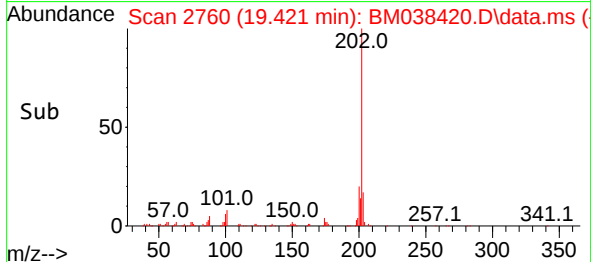
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT3-2022-06



Tgt Ion:202 Resp: 102809
Ion Ratio Lower Upper
202 100
101 7.8 7.0 10.6
100 6.4 5.8 8.8

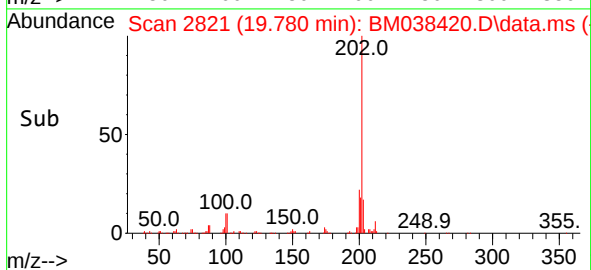
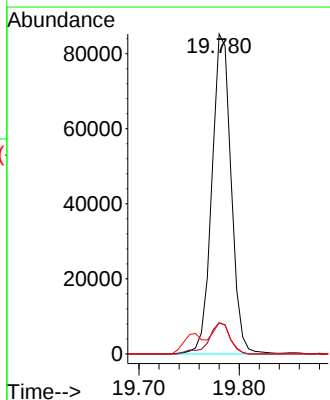
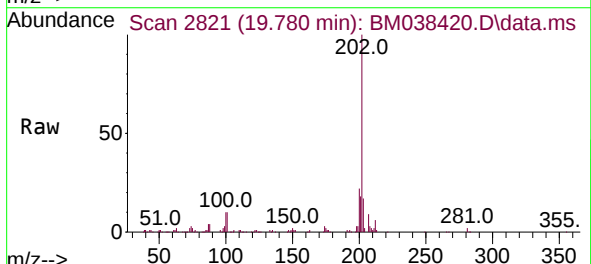
Manual Integrations
APPROVED

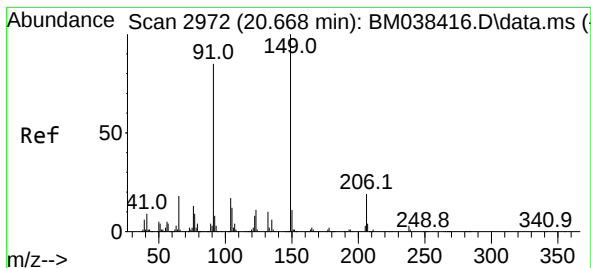
Reviewed By :Jagrut Upadhyay 01/11/2023
Supervised By :mohammad ahmed 01/12/2023



#82
Pyrene
Concen: 3.756 ng/ul
RT: 19.780 min Scan# 2821
Delta R.T. -0.006 min
Lab File: BM038420.D
Acq: 10 Jan 2023 12:03

Tgt Ion:202 Resp: 113855
Ion Ratio Lower Upper
202 100
101 9.7 8.6 13.0
100 9.8 7.4 11.0





#83

Butylbenzylphthalate

Concen: 3.698 ng/ul

RT: 20.668 min Scan# 2972

Delta R.T. -0.006 min

Lab File: BM038420.D

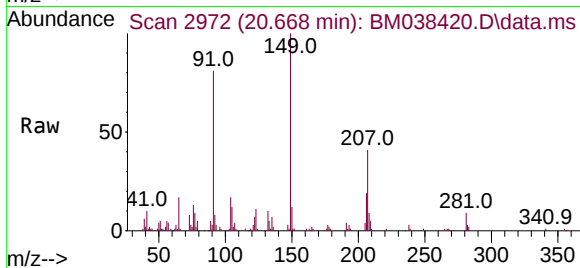
Acq: 10 Jan 2023 12:03

Instrument :

BNA_M

ClientSampleId :

MDL-SOIL-QT3-2022-06

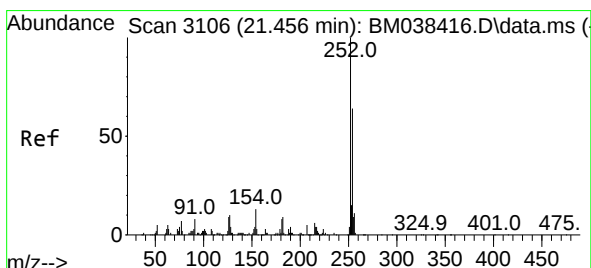
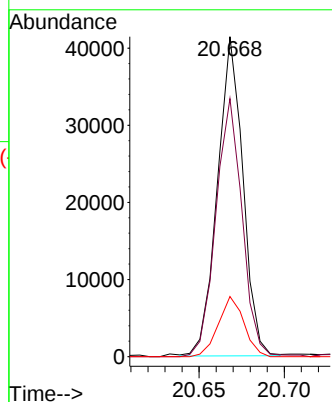
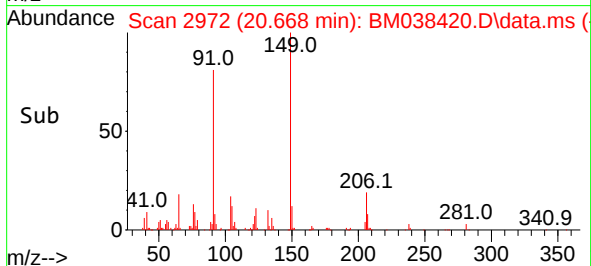


Tgt Ion	Ratio	Lower	Upper
149	100		
91	80.6	65.0	97.6
206	18.8	16.0	24.0

Manual Integrations

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Reviewed By :Jagrut Upadhyay 01/11/2023
Supervised By :mohammad ahmed 01/12/2023



#84

3,3'-Dichlorobenzidine

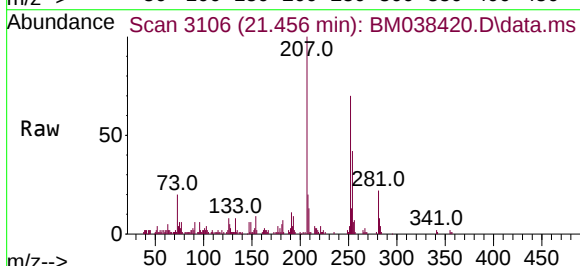
Concen: 3.481 ng/ul

RT: 21.456 min Scan# 3106

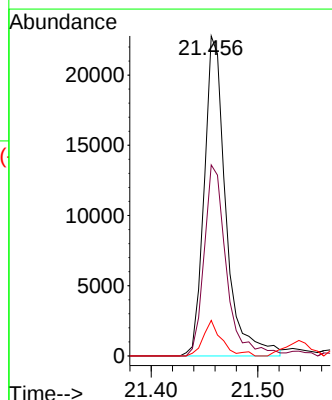
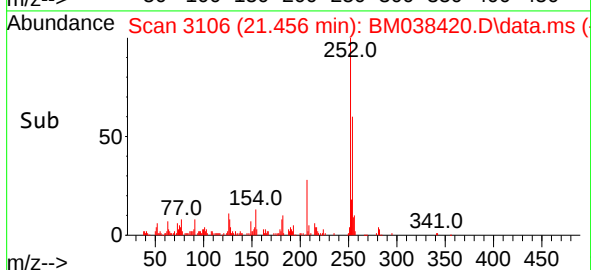
Delta R.T. -0.006 min

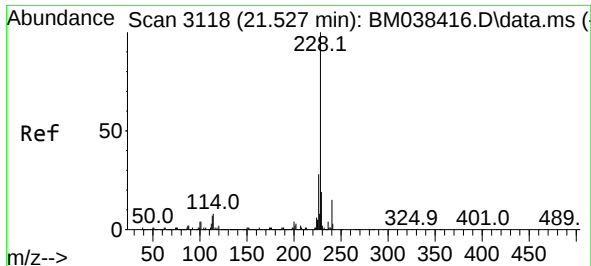
Lab File: BM038420.D

Acq: 10 Jan 2023 12:03



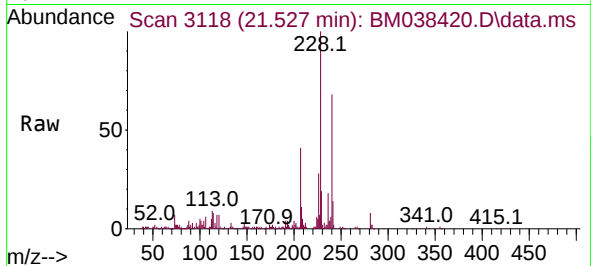
Tgt Ion	Ratio	Lower	Upper
252	100		
254	59.7	52.1	78.1
126	11.1	6.4	9.6





#85
Benzo(a)anthracene
Concen: 3.842 ng/ul
RT: 21.527 min Scan# 3118
Delta R.T. -0.000 min
Lab File: BM038420.D
Acq: 10 Jan 2023 12:03

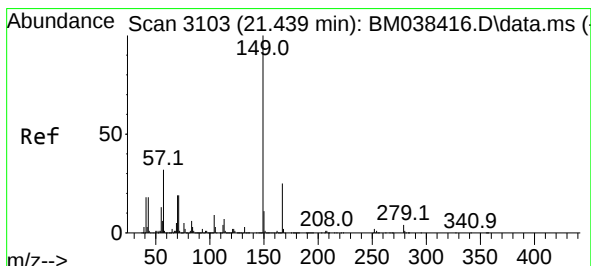
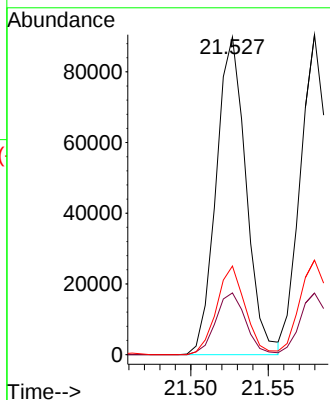
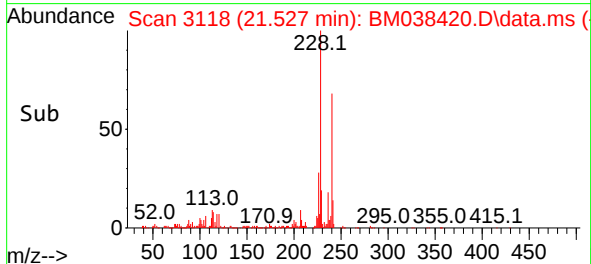
Instrument : BNA_M
ClientSampleId :
MDL-SOIL-QT3-2022-06



Tgt Ion:228 Resp: 120830
Ion Ratio Lower Upper
228 100
229 19.4 15.6 23.4
226 27.9 21.1 31.7

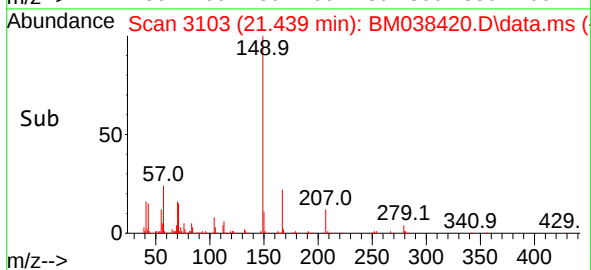
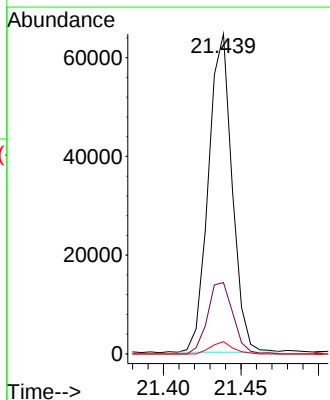
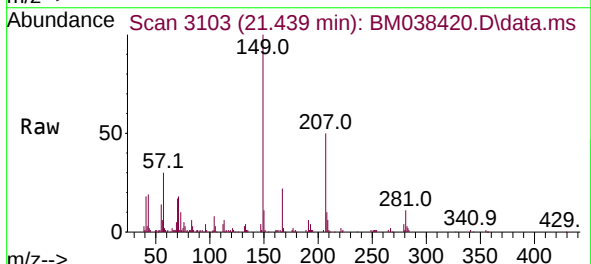
Manual Integrations
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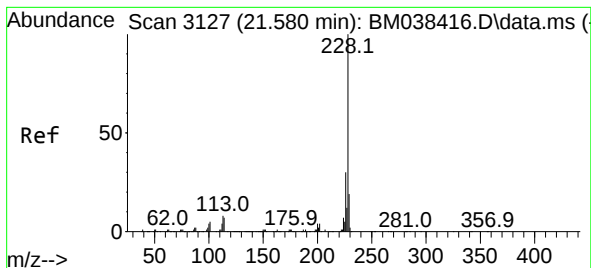
Reviewed By :Jagrut Upadhyay 01/11/2023
Supervised By :mohammad ahmed 01/12/2023



#86
Bis(2-ethylhexyl)phthalate
Concen: 3.825 ng/ul
RT: 21.439 min Scan# 3103
Delta R.T. -0.000 min
Lab File: BM038420.D
Acq: 10 Jan 2023 12:03

Tgt Ion:149 Resp: 68638
Ion Ratio Lower Upper
149 100
167 22.3 19.7 29.5
279 3.8 2.8 4.2





#87

Chrysene

Concen: 3.833 ng/ul

RT: 21.580 min Scan# 3127

Delta R.T. -0.000 min

Lab File: BM038420.D

Acq: 10 Jan 2023 12:03

Instrument :

BNA_M

ClientSampleId :

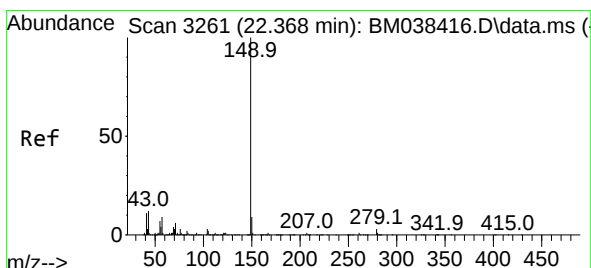
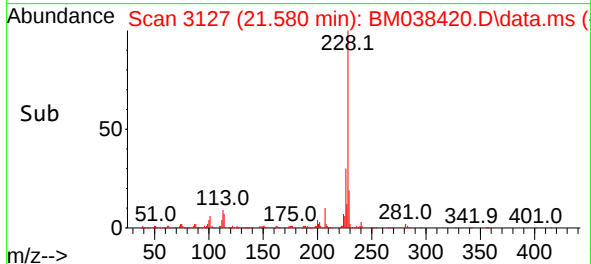
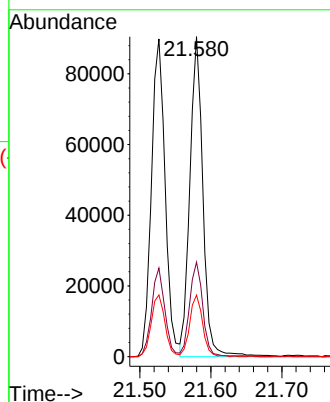
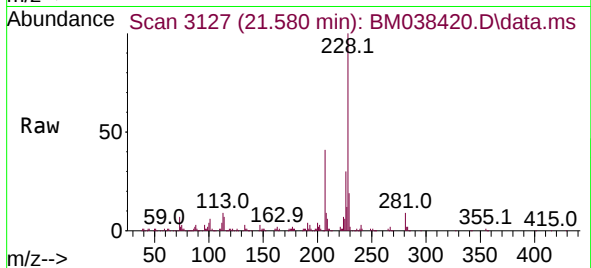
MDL-SOIL-QT3-2022-06

Tgt Ion:228 Resp: 115801
 Ion Ratio Lower Upper
 228 100
 226 29.5 24.0 36.0
 229 19.2 15.4 23.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 01/11/2023
 Supervised By :mohammad ahmed 01/12/2023



#89

Di-n-octyl phthalate

Concen: 3.237 ng/ul

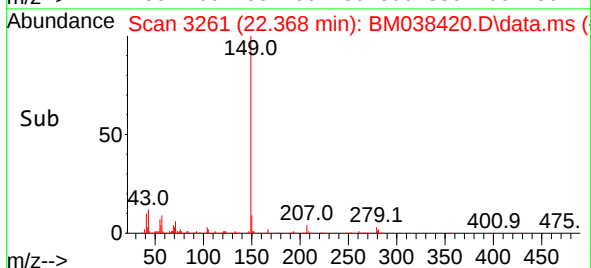
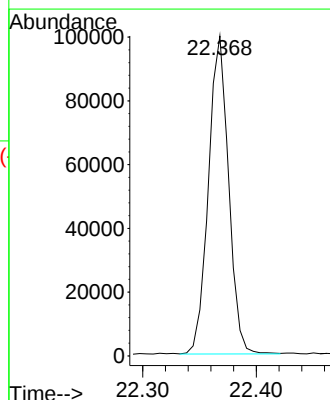
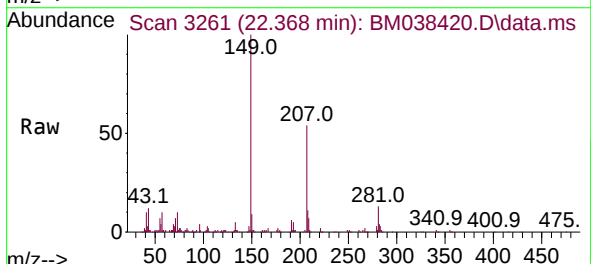
RT: 22.368 min Scan# 3261

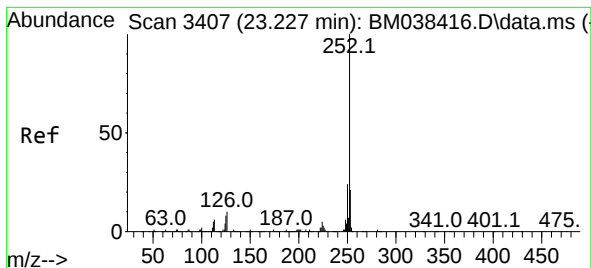
Delta R.T. -0.000 min

Lab File: BM038420.D

Acq: 10 Jan 2023 12:03

Tgt Ion:149 Resp: 123103





#90

Benzo(b)fluoranthene

Concen: 3.779 ng/ul

RT: 23.227 min Scan# 3407

Delta R.T. -0.006 min

Lab File: BM038420.D

Acq: 10 Jan 2023 12:03

Instrument :

BNA_M

ClientSampleId :

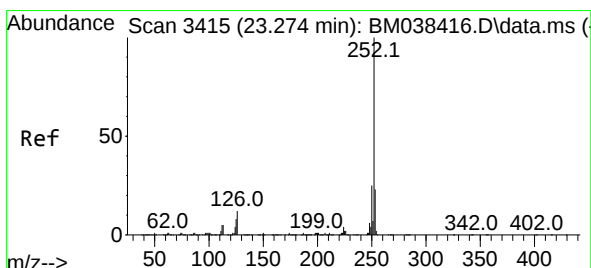
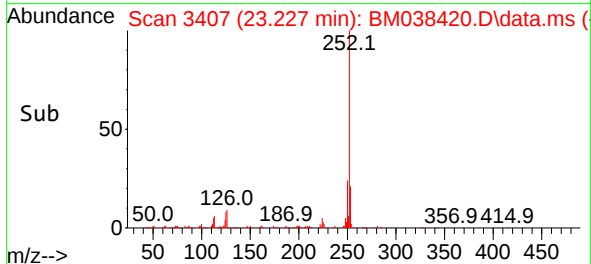
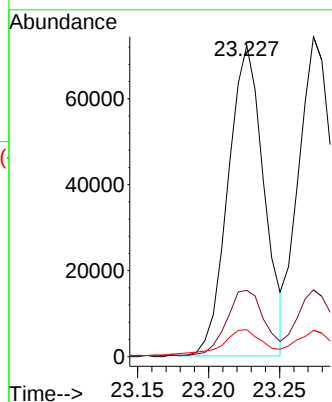
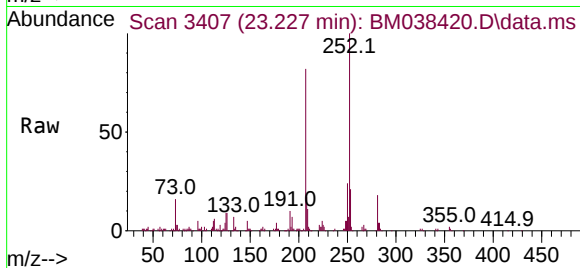
MDL-SOIL-QT3-2022-06

Tgt Ion:252 Resp: 127107
 Ion Ratio Lower Upper
 252 100
 253 21.2 17.8 26.6
 125 8.7 6.6 10.0

Manual Integrations

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Reviewed By :Jagrut Upadhyay 01/11/2023
 Supervised By :mohammad ahmed 01/12/2023



#91

Benzo(k)fluoranthene

Concen: 3.731 ng/ul

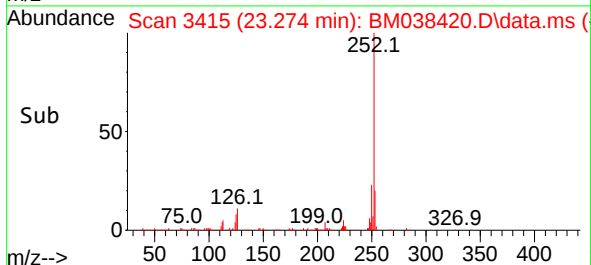
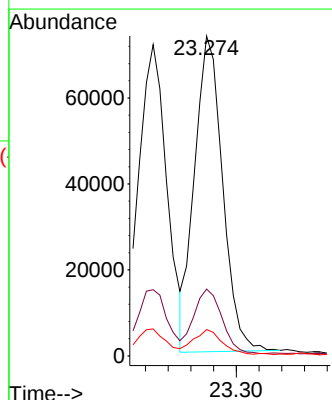
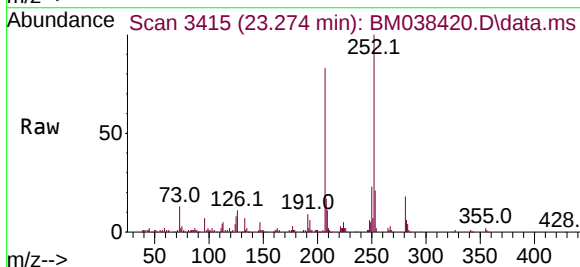
RT: 23.274 min Scan# 3415

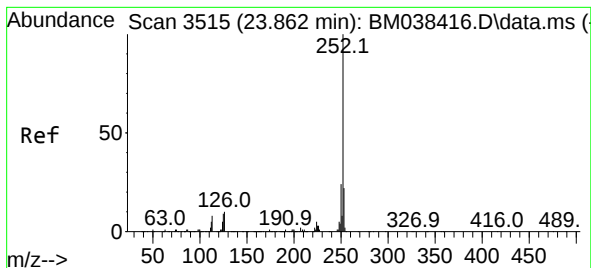
Delta R.T. -0.006 min

Lab File: BM038420.D

Acq: 10 Jan 2023 12:03

Tgt Ion:252 Resp: 126037
 Ion Ratio Lower Upper
 252 100
 253 20.9 17.8 26.6
 125 8.2 6.3 9.5





#93

Benzo(a)pyrene

Concen: 3.939 ng/ul

RT: 23.862 min Scan# 3515

Delta R.T. -0.006 min

Lab File: BM038420.D

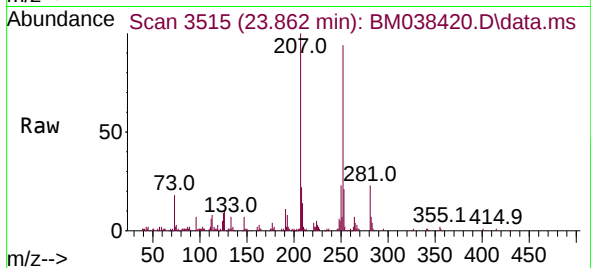
Acq: 10 Jan 2023 12:03

Instrument :

BNA_M

ClientSampleId :

MDL-SOIL-QT3-2022-06



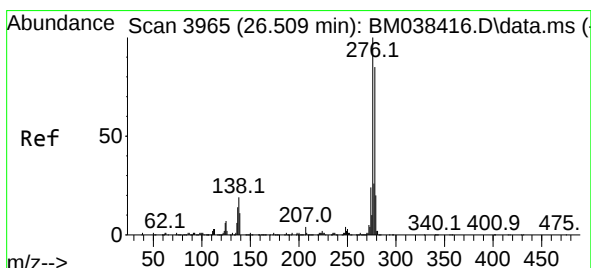
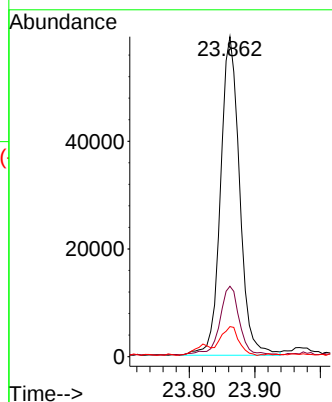
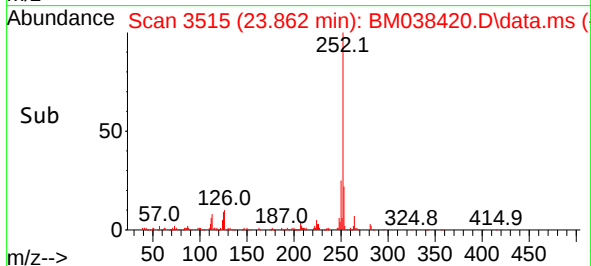
Tgt Ion: 252 Resp: 119913

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.7	26.5
125	9.4	7.4	11.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 01/11/2023
Supervised By :mohammad ahmed 01/12/2023



#94

Indeno(1,2,3-cd)pyrene

Concen: 3.951 ng/ul

RT: 26.503 min Scan# 3964

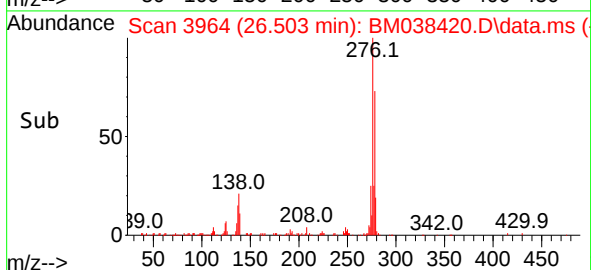
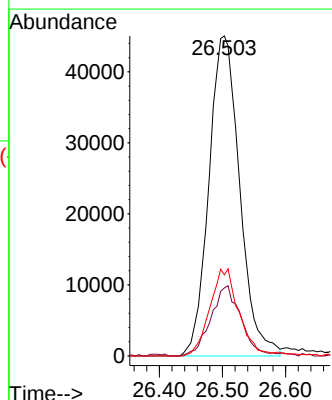
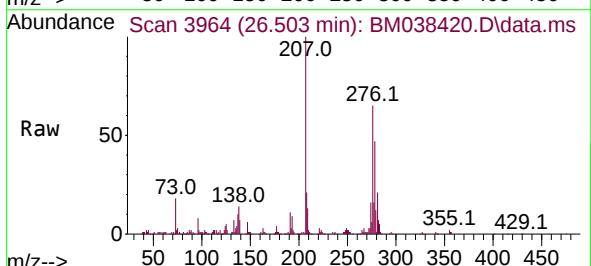
Delta R.T. -0.012 min

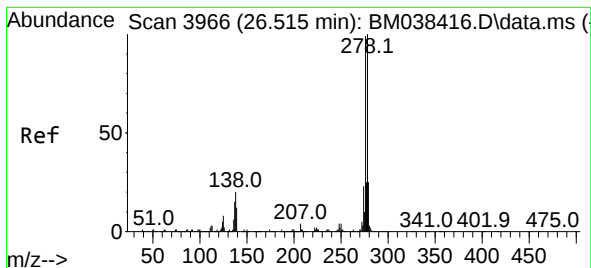
Lab File: BM038420.D

Acq: 10 Jan 2023 12:03

Tgt Ion: 276 Resp: 152850

Ion	Ratio	Lower	Upper
276	100		
138	21.2	15.7	23.5
277	25.3	20.2	30.4





#95

Dibenzo(a,h)anthracene

Concen: 3.889 ng/ul

RT: 26.509 min Scan# 3965

Delta R.T. -0.018 min

Lab File: BM038420.D

Acq: 10 Jan 2023 12:03

Instrument :

BNA_M

ClientSampleId :

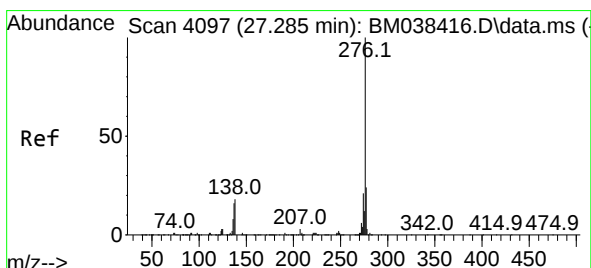
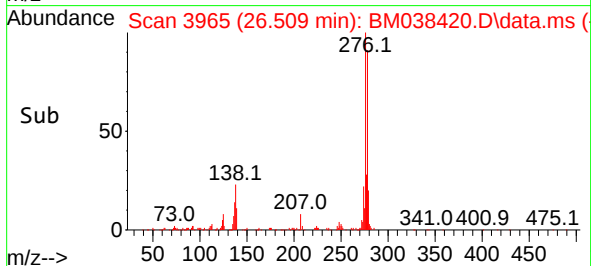
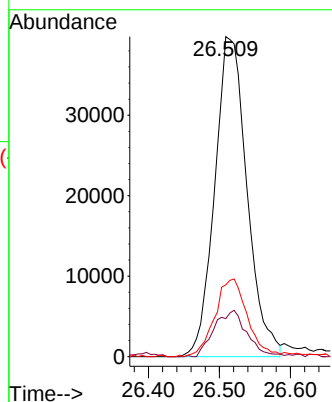
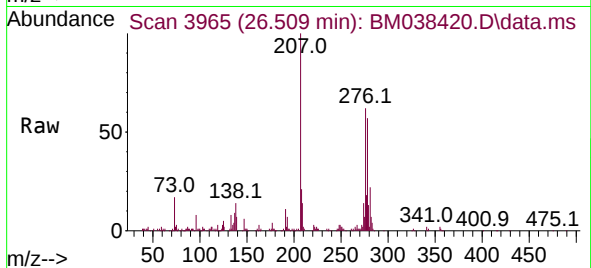
MDL-SOIL-QT3-2022-06

Tgt Ion:	278	Resp:	125559
Ion Ratio	Lower	Upper	
278	100		
139	11.9	10.0	15.0
279	22.4	18.9	28.3

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 01/11/2023
Supervised By :mohammad ahmed 01/12/2023



#96

Benzo(g,h,i)perylene

Concen: 4.000 ng/ul

RT: 27.285 min Scan# 4097

Delta R.T. -0.012 min

Lab File: BM038420.D

Acq: 10 Jan 2023 12:03

Tgt Ion:	276	Resp:	126732
Ion Ratio	Lower	Upper	
276	100		
138	16.1	13.8	20.6
277	23.4	18.6	28.0

