

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010623\
 Data File : BM038386.D
 Acq On : 06 Jan 2023 13:20
 Operator : CG/JU
 Sample : N5388-06
 Misc : SFAM-MDL-MES-02-4PPM
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MDL-MED-SOIL-QT4-2022-08

Quant Time: Jan 06 14:16:01 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 01/09/2023
 Supervised By :mohammad ahmed 01/09/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.998	152	71263	20.000	ng/u1	0.00
20) Naphthalene-d8	10.810	136	268148	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.627	164	170426	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.374	188	385681	20.000	ng/u1	0.00
79) Chrysene-d12	21.544	240	404407	20.000	ng/u1	0.00
88) Perylene-d12	23.974	264	499336	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.363	96	9042	4.115	ng/uL	0.00
4) Pyridine-d5	3.799	84	73109	11.500	ng/u1	0.00
7) Phenol-d5	7.157	99	101395	15.619	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.322	67	77400	16.574	ng/u1	0.00
11) 2-Chlorophenol-d4	7.522	132	76117	16.364	ng/u1	0.00
15) 4-Methylphenol-d8	8.710	113	74976	14.962	ng/u1	0.00
21) Nitrobenzene-d5	9.169	128	34622	16.457	ng/u1	0.00
24) 2-Nitrophenol-d4	9.892	143	38752	16.242	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.427	165	71668	15.555	ng/u1	0.00
31) 4-Chloroaniline-d4	10.951	131	93559	14.715	ng/u1	0.00
46) Dimethylphthalate-d6	14.039	166	207993	16.115	ng/u1	0.00
49) Acenaphthylene-d8	14.327	160	232474	15.456	ng/u1	0.00
54) 4-Nitrophenol-d4	14.833	143	31179	13.419	ng/u1	0.00
60) Fluorene-d10	15.621	176	182920	15.584	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.745	200	37811	13.527	ng/u1	0.00
73) Anthracene-d10	17.468	188	290425	15.610	ng/u1	0.00
81) Pyrene-d10	19.756	212	360274	16.009	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.815	264	407182	16.418	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.399	88	2938	1.252	ng/uL	99
5) Pyridine	3.822	79	21630	3.221	ng/u1#	71
6) Benzaldehyde	7.139	77	13764	5.157	ng/u1	94
8) Phenol	7.181	94	26983	3.940	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.416	93	22675	4.135	ng/u1	99
12) 2-Chlorophenol	7.557	128	20136	4.192	ng/u1	98
13) 2-Methylphenol	8.445	108	17677	3.614	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.522	45	34412	3.956	ng/u1	97
16) Acetophenone	8.833	105	32676	3.685	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.810	70	19087	3.995	ng/u1	94
18) 4-Methylphenol	8.775	108	20045	3.766	ng/u1	97
19) Hexachloroethane	9.075	117	9563	4.275	ng/u1	97
22) Nitrobenzene	9.216	77	30422	4.384	ng/u1	95
23) Isophorone	9.733	82	46961	3.948	ng/u1	96
25) 2-Nitrophenol	9.922	139	10249	4.124	ng/u1	97
26) 2,4-Dimethylphenol	9.980	107	22355	3.848	ng/u1	96
27) Bis(2-Chloroethoxy)met...	10.222	93	28083	4.126	ng/u1	98
29) 2,4-Dichlorophenol	10.457	162	18389	4.104	ng/u1	99
30) Naphthalene	10.863	128	58641	4.100	ng/u1	99
32) 4-Chloroaniline	10.980	127	23949	3.697	ng/u1	98
33) Hexachlorobutadiene	11.133	225	14157	4.244	ng/u1	88
34) Caprolactam	11.774	113	4685m	3.664	ng/u1	
35) 4-Chloro-3-methylphenol	12.098	107	19102	4.007	ng/u1	98
36) 2-Methylnaphthalene	12.469	142	38550	4.135	ng/u1	95

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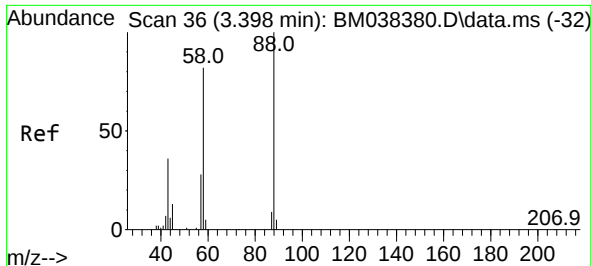
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Manual Integrations
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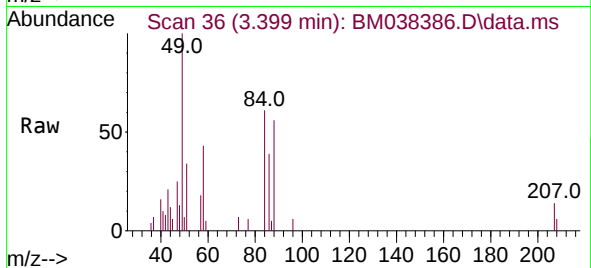
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.680	142	30568	3.169	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.827	216	25790	4.280	ng/ul	97
40) Hexachlorocyclopentadiene	12.798	237	12027	2.826	ng/ul	97
41) 2,4,6-Trichlorophenol	13.068	196	15096	4.036	ng/ul	94
42) 2,4,5-Trichlorophenol	13.145	196	15924m	3.973	ng/ul	
43) 1,1'-Biphenyl	13.468	154	50074	3.887	ng/ul	97
44) 2-Chloronaphthalene	13.510	162	41420	3.938	ng/ul	98
45) 2-Nitroaniline	13.727	65	12078	3.433	ng/ul	94
47) Dimethylphthalate	14.086	163	51973	3.968	ng/ul	96
48) 2,6-Dinitrotoluene	14.215	165	8606	3.451	ng/ul	99
50) Acenaphthylene	14.351	152	63985	4.010	ng/ul	97
51) 3-Nitroaniline	14.545	138	7556	3.290	ng/ul#	97
52) Acenaphthene	14.692	153	45190	4.002	ng/ul	97
53) 2,4-Dinitrophenol	14.757	184	8947	4.799	ng/ul	97
55) 4-Nitrophenol	14.845	109	8741	3.594	ng/ul	89
56) Dibenzofuran	15.027	168	61611	3.839	ng/ul	99
57) 2,4-Dinitrotoluene	14.998	165	12568	3.445	ng/ul#	81
58) 2,3,4,6-Tetrachlorophenol	15.251	232	13276	3.708	ng/ul	98
59) Diethylphthalate	15.439	149	51444	3.789	ng/ul	99
61) Fluorene	15.674	166	50982	3.700	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.668	204	26817	3.698	ng/ul	95
63) 4-Nitroaniline	15.704	138	8449m	3.845	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.757	198	11355	4.239	ng/ul#	91
67) N-Nitrosodiphenylamine	15.880	169	42585	3.872	ng/ul	95
68) 4-Bromophenyl-phenylether	16.556	248	16269	3.982	ng/ul	94
69) Hexachlorobenzene	16.674	284	18434	3.912	ng/ul	92
70) Atrazine	16.827	200	23243	5.113	ng/ul	96
71) Pentachlorophenol	17.021	266	11843	3.808	ng/ul	90
72) Phenanthrene	17.415	178	80923	3.845	ng/ul	97
74) Anthracene	17.503	178	79969	3.696	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.433	216	18235	3.133	ng/uL	97
76) Pentachlorobenzene	14.945	250	17050	3.040	ng/uL	99
77) Carbazole	17.780	167	66818	3.368	ng/ul	99
78) Di-n-butylphthalate	18.327	149	85997	3.628	ng/ul	99
80) Fluoranthene	19.421	202	95416	3.749	ng/ul	99
82) Pyrene	19.786	202	107614	3.880	ng/ul	98
83) Butylbenzylphthalate	20.668	149	38956	3.662	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.462	252	34399	4.079	ng/ul	94
85) Benzo(a)anthracene	21.527	228	107880	3.748	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.439	149	59383	3.617	ng/ul	97
87) Chrysene	21.580	228	105861	3.829	ng/ul	99
89) Di-n-octyl phthalate	22.368	149	111262	3.115	ng/ul	100
90) Benzo(b)fluoranthene	23.227	252	117364	3.715	ng/ul	99
91) Benzo(k)fluoranthene	23.280	252	111744	3.522	ng/ul	98
93) Benzo(a)pyrene	23.868	252	113259	3.961	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.509	276	149391	4.111	ng/ul	99
95) Dibenzo(a,h)anthracene	26.521	278	122369	4.035	ng/ul	96
96) Benzo(g,h,i)perylene	27.291	276	124771	4.194	ng/ul	99

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



#2
1,4-Dioxane
Concen: 1.252 ng/uL
RT: 3.399 min Scan# 30
Delta R.T. -0.000 min
Lab File: BM038386.D
Acq: 06 Jan 2023 13:20

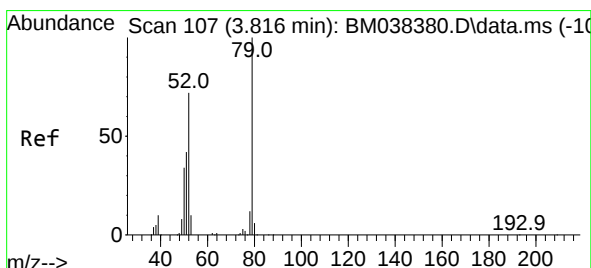
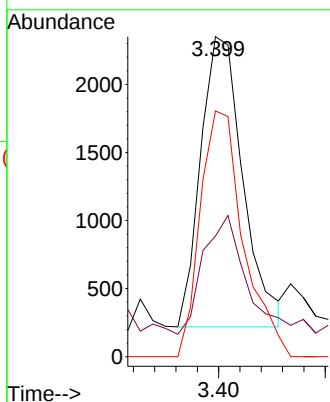
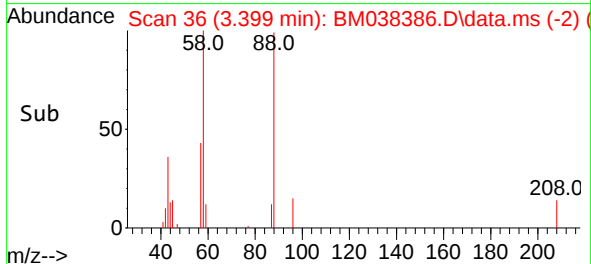
Instrument : BNA_M
ClientSampleId : MDL-MED-SOIL-QT4-2022-08



Tgt Ion: 88 Resp: 2938
Ion Ratio Lower Upper
88 100
43 37.7 30.6 45.8
58 76.8 60.2 90.4

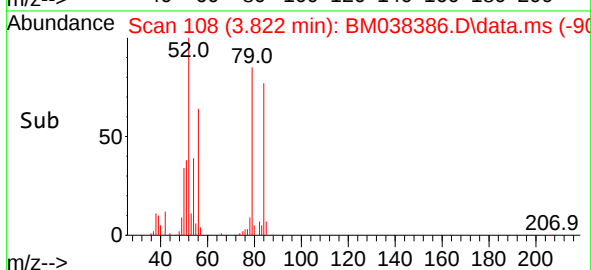
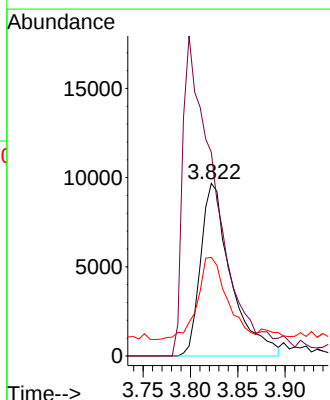
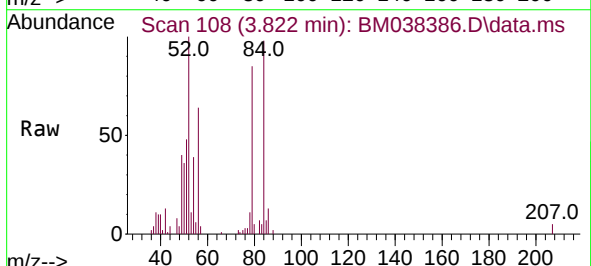
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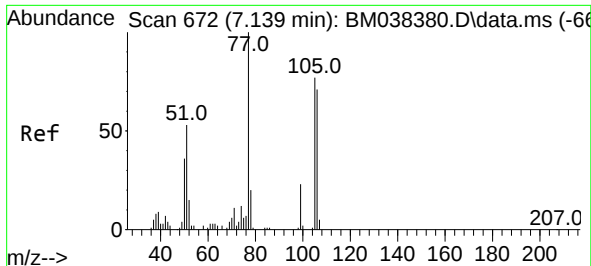
Reviewed By :Jagrut Upadhyay 01/09/2023
Supervised By :mohammad ahmed 01/09/2023



#5
Pyridine
Concen: 3.221 ng/uL
RT: 3.822 min Scan# 108
Delta R.T. 0.006 min
Lab File: BM038386.D
Acq: 06 Jan 2023 13:20

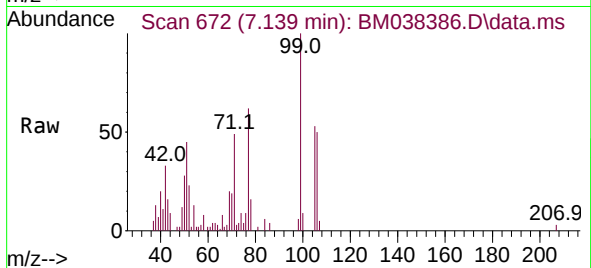
Tgt Ion: 79 Resp: 21630
Ion Ratio Lower Upper
79 100
52 118.0 69.6 104.4#
51 57.1 34.8 52.2#





#6
Benzaldehyde
Concen: 5.157 ng/ul
RT: 7.139 min Scan# 613
Delta R.T. -0.006 min
Lab File: BM038386.D
Acq: 06 Jan 2023 13:20

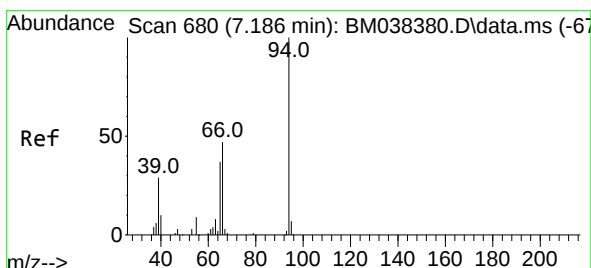
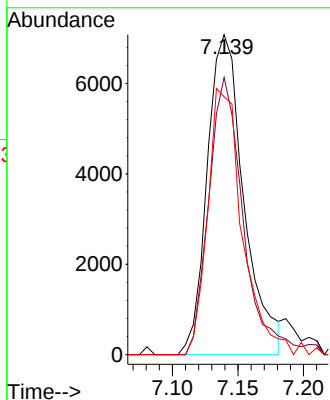
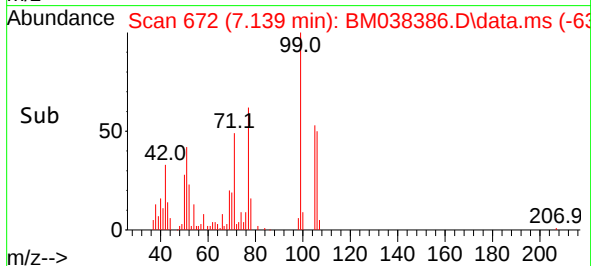
Instrument : BNA_M
ClientSampleId : MDL-MED-SOIL-QT4-2022-08



Tgt Ion: 77 Resp: 13764
Ion Ratio Lower Upper
77 100
105 86.6 64.5 96.7
106 80.6 60.6 90.8

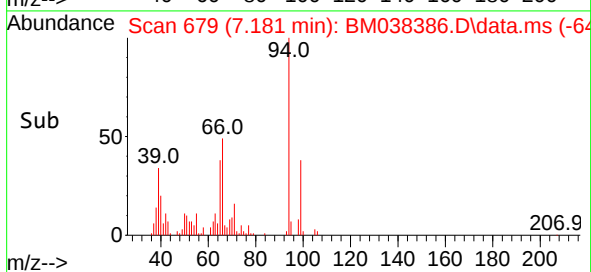
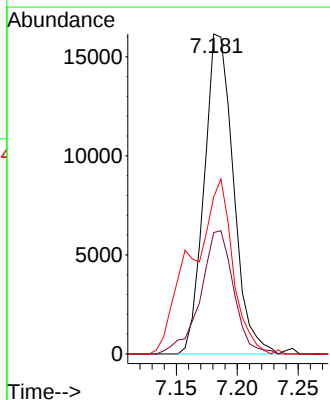
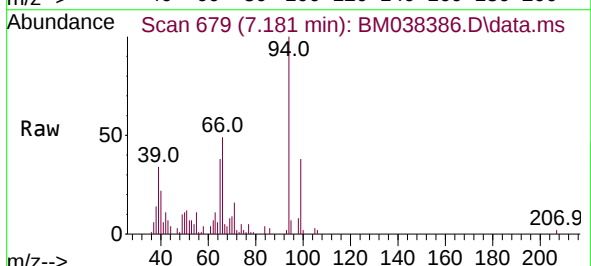
Manual Integrations
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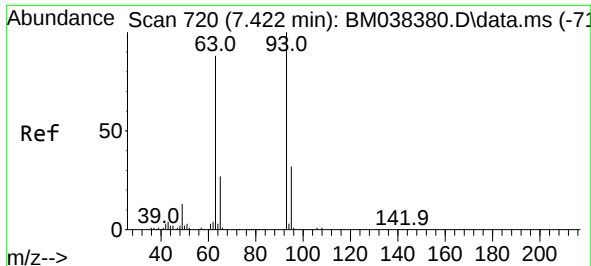
Reviewed By :Jagrut Upadhyay 01/09/2023
Supervised By :mohammad ahmed 01/09/2023



#8
Phenol
Concen: 3.940 ng/ul
RT: 7.181 min Scan# 679
Delta R.T. -0.012 min
Lab File: BM038386.D
Acq: 06 Jan 2023 13:20

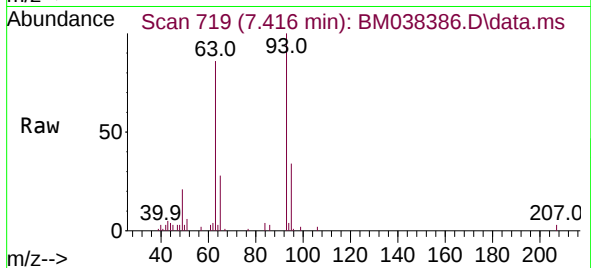
Tgt Ion: 94 Resp: 26983
Ion Ratio Lower Upper
94 100
65 38.0 29.4 44.2
66 49.1 38.0 57.0





#10
Bis(2-Chloroethyl)ether
Concen: 4.135 ng/ul
RT: 7.416 min Scan# 719
Delta R.T. -0.006 min
Lab File: BM038386.D
Acq: 06 Jan 2023 13:20

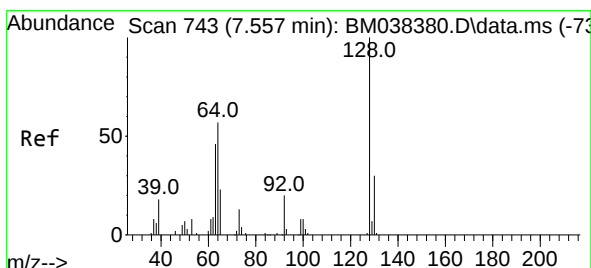
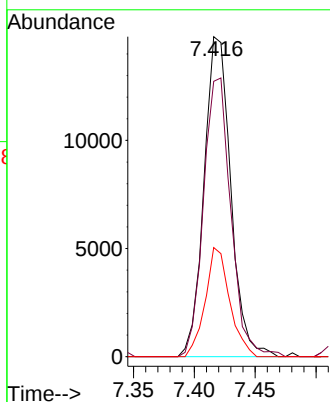
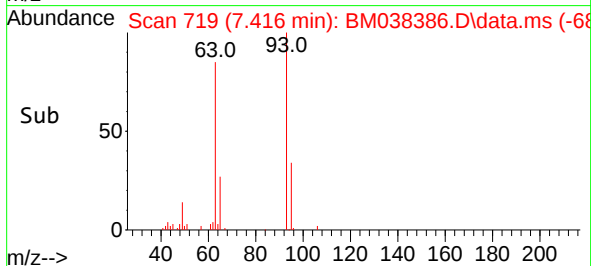
Instrument :
BNA_M
ClientSampleId :
MDL-MED-SOIL-QT4-2022-08



Tgt Ion: 93 Resp: 22675
Ion Ratio Lower Upper
93 100
63 86.1 69.6 104.4
95 34.1 26.6 40.0

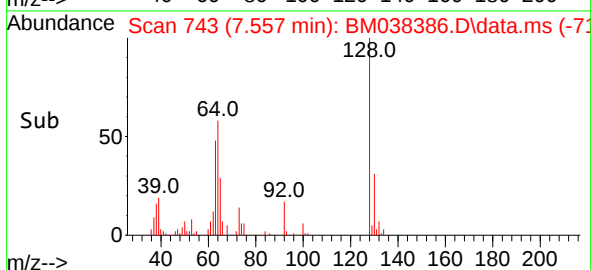
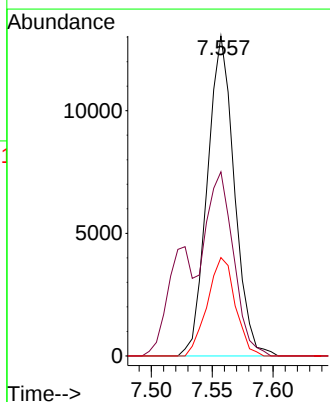
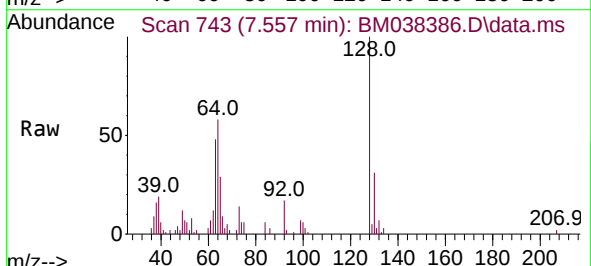
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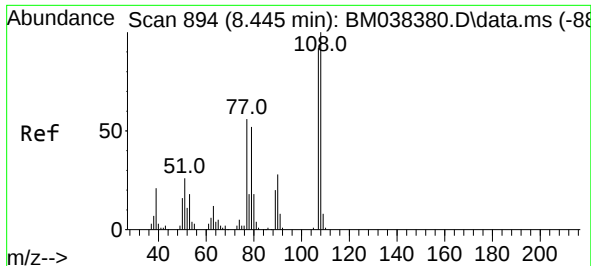
Reviewed By :Jagrut Upadhyay 01/09/2023
Supervised By :mohammad ahmed 01/09/2023



#12
2-Chlorophenol
Concen: 4.192 ng/ul
RT: 7.557 min Scan# 743
Delta R.T. -0.006 min
Lab File: BM038386.D
Acq: 06 Jan 2023 13:20

Tgt Ion:128 Resp: 20136
Ion Ratio Lower Upper
128 100
64 57.5 47.3 70.9
130 30.8 25.7 38.5





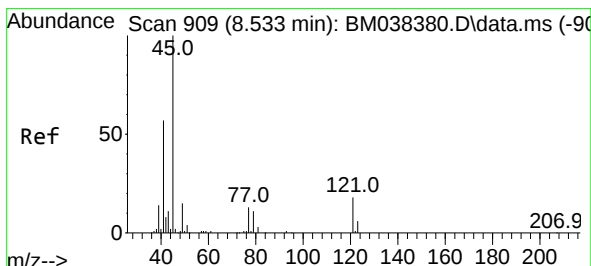
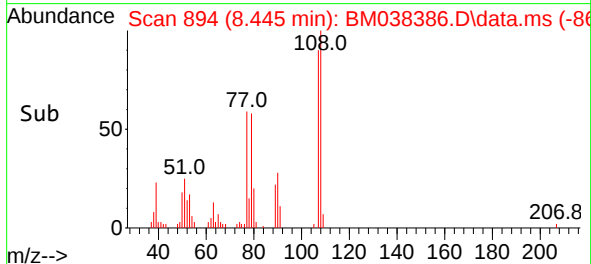
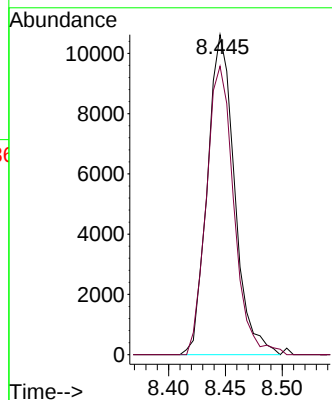
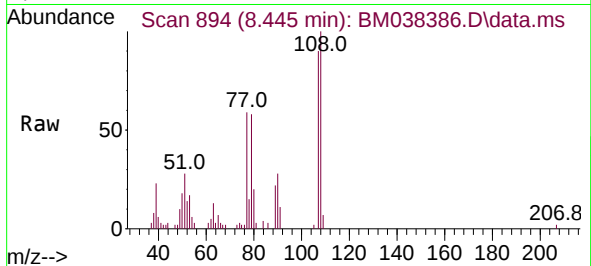
#13
2-Methylphenol
Concen: 3.614 ng/ul
RT: 8.445 min Scan# 894
Delta R.T. -0.006 min
Lab File: BM038386.D
Acq: 06 Jan 2023 13:20

Instrument :
BNA_M
ClientSampleId :
MDL-MED-SOIL-QT4-2022-08

Tgt Ion:108 Resp: 1767
Ion Ratio Lower Upper
108 100
107 90.1 70.3 105.5

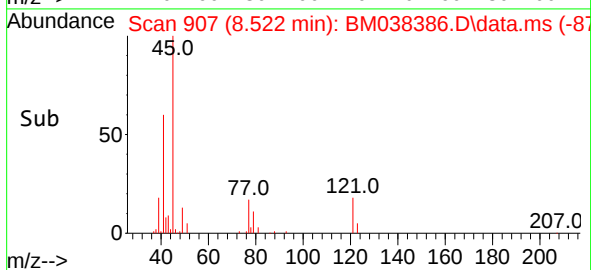
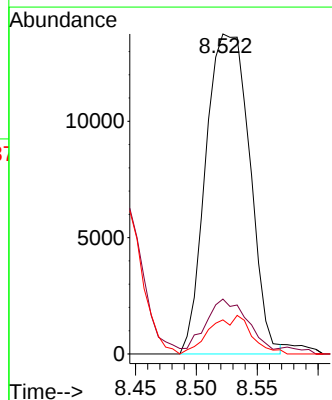
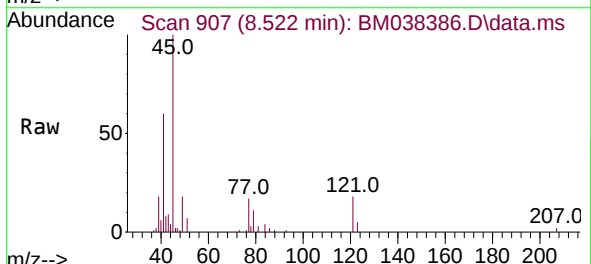
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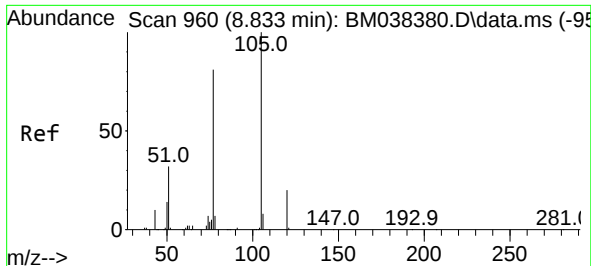
Reviewed By :Jagrut Upadhyay 01/09/2023
Supervised By :mohammad ahmed 01/09/2023



#14
2,2'-oxybis(1-Chloropropane)
Concen: 3.956 ng/ul
RT: 8.522 min Scan# 907
Delta R.T. -0.012 min
Lab File: BM038386.D
Acq: 06 Jan 2023 13:20

Tgt Ion: 45 Resp: 34412
Ion Ratio Lower Upper
45 100
77 17.1 12.2 18.2
79 10.7 8.6 13.0





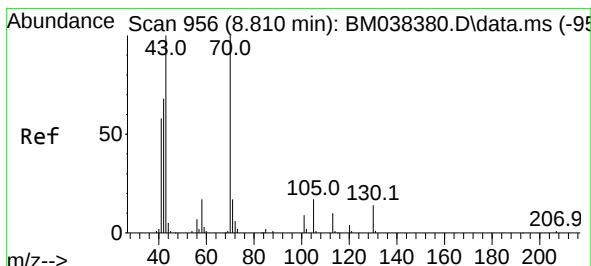
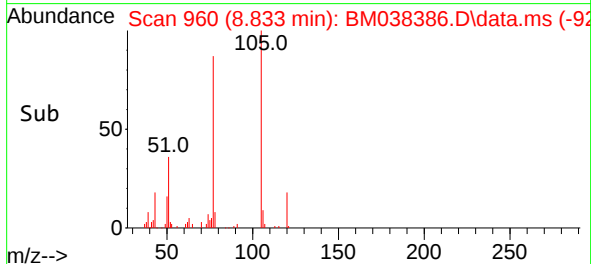
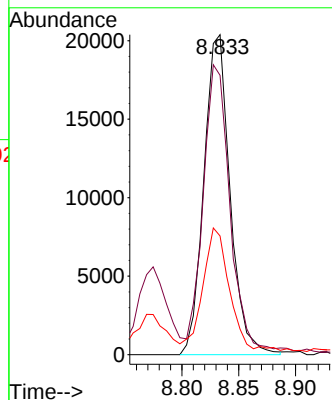
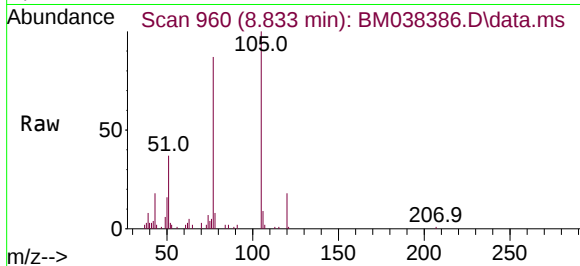
#16
Acetophenone
Concen: 3.685 ng/ul
RT: 8.833 min Scan# 960
Delta R.T. -0.000 min
Lab File: BM038386.D
Acq: 06 Jan 2023 13:20

Instrument : BNA_M
ClientSampleId : MDL-MED-SOIL-QT4-2022-08

Tgt Ion:105 Resp: 32670
Ion Ratio Lower Upper
105 100
77 87.3 71.9 107.9
51 37.1 29.1 43.7

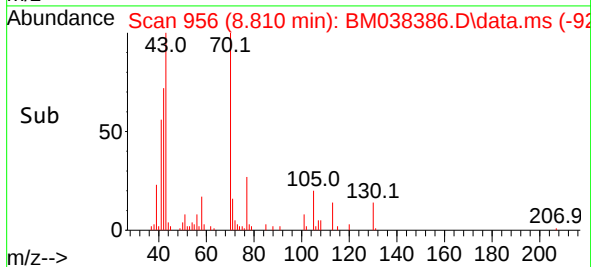
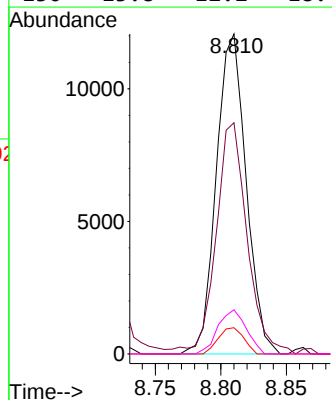
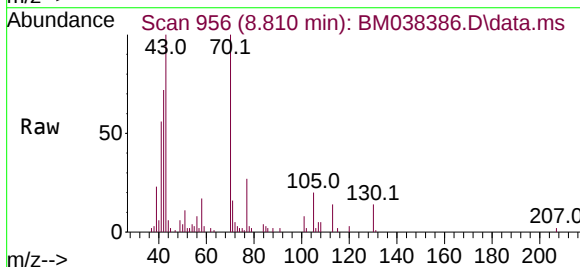
Manual Integrations
APPROVED

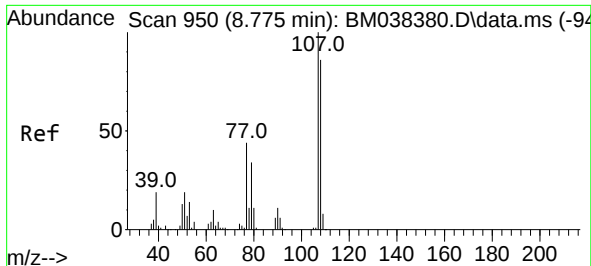
Reviewed By :Jagrut Upadhyay 01/09/2023
Supervised By :mohammad ahmed 01/09/2023



#17
N-Nitroso-di-n-propylamine
Concen: 3.995 ng/ul
RT: 8.810 min Scan# 956
Delta R.T. -0.006 min
Lab File: BM038386.D
Acq: 06 Jan 2023 13:20

Tgt Ion: 70 Resp: 19087
Ion Ratio Lower Upper
70 100
42 72.3 53.0 79.6
101 8.2 7.2 10.8
130 13.8 12.2 18.4





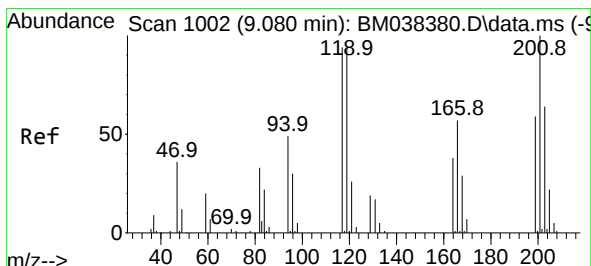
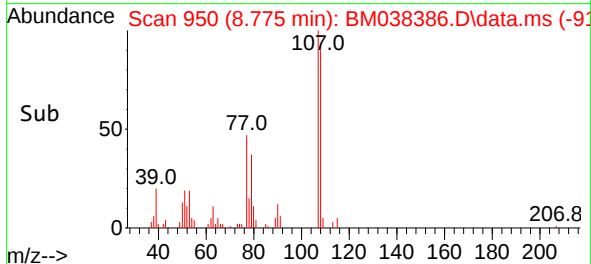
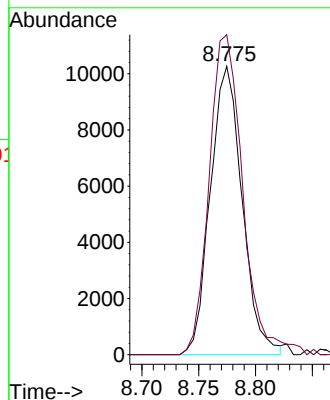
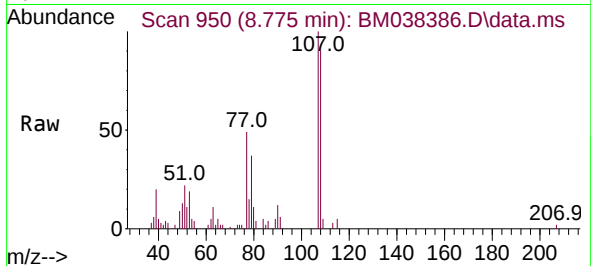
#18
4-Methylphenol
Concen: 3.766 ng/ul
RT: 8.775 min Scan# 91
Delta R.T. -0.006 min
Lab File: BM038386.D
Acq: 06 Jan 2023 13:20

Instrument :
BNA_M
ClientSampleId :
MDL-MED-SOIL-QT4-2022-08

Tgt Ion:108 Resp: 2004
Ion Ratio Lower Upper
108 100
107 111.0 86.4 129.6

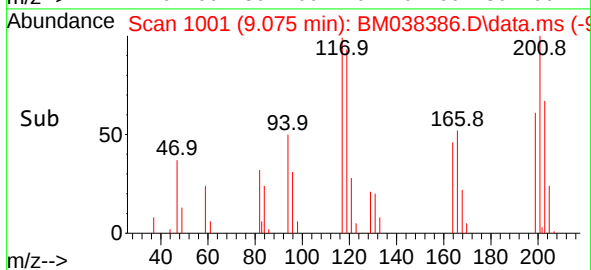
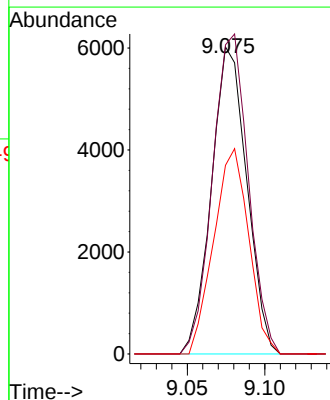
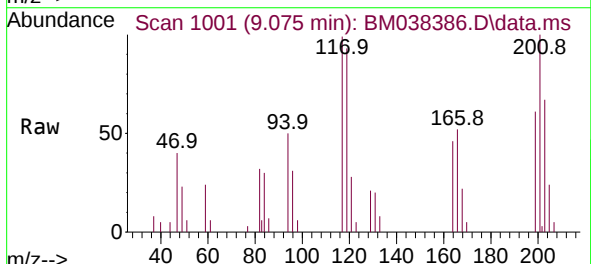
Manual Integrations
APPROVED

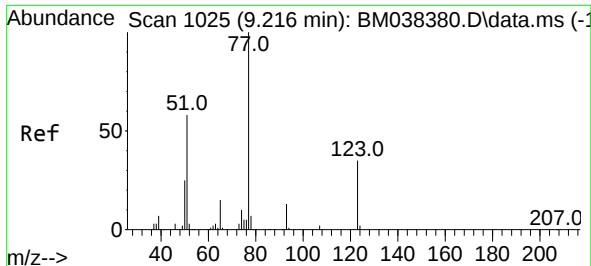
Reviewed By :Jagrut Upadhyay 01/09/2023
Supervised By :mohammad ahmed 01/09/2023



#19
Hexachloroethane
Concen: 4.275 ng/ul
RT: 9.075 min Scan# 1001
Delta R.T. -0.006 min
Lab File: BM038386.D
Acq: 06 Jan 2023 13:20

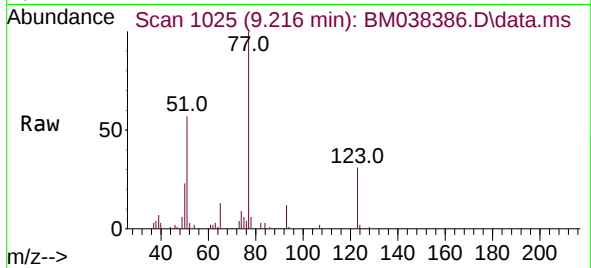
Tgt Ion:117 Resp: 9563
Ion Ratio Lower Upper
117 100
201 103.4 79.8 119.6
199 61.4 50.3 75.5





#22
Nitrobenzene
Concen: 4.384 ng/ul
RT: 9.216 min Scan# 1025
Delta R.T. -0.000 min
Lab File: BM038386.D
Acq: 06 Jan 2023 13:20

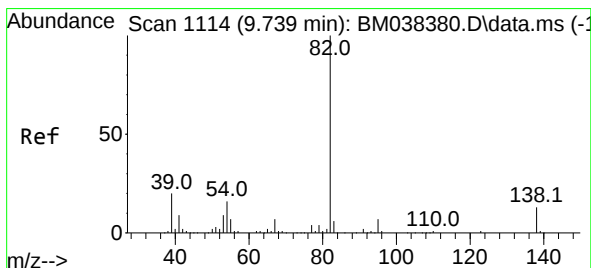
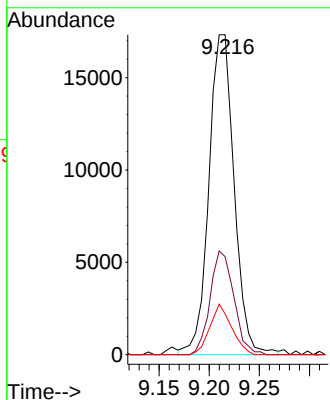
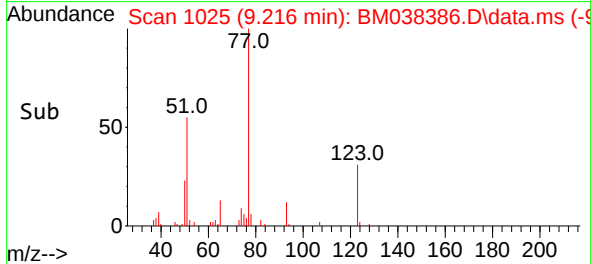
Instrument : BNA_M
ClientSampleId : MDL-MED-SOIL-QT4-2022-08



Tgt Ion: 77 Resp: 3042
Ion Ratio Lower Upper
77 100
123 30.7 26.9 40.3
65 12.7 12.1 18.1

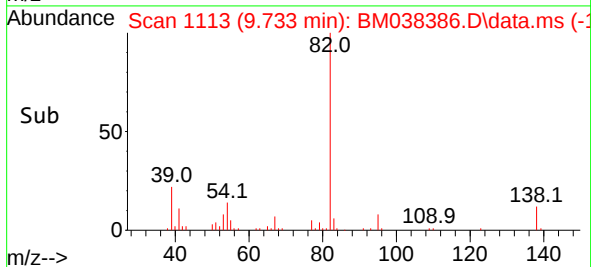
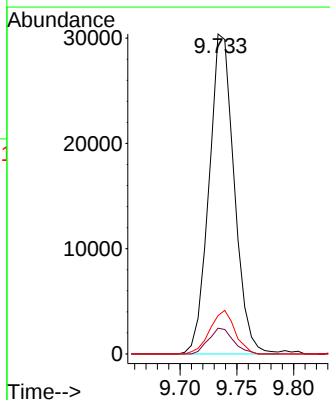
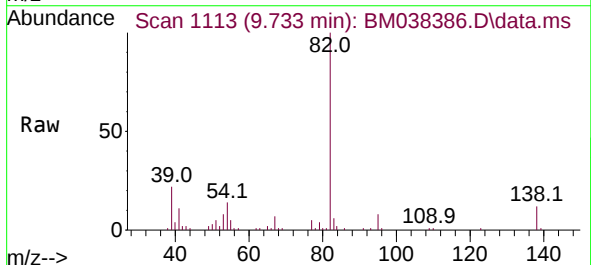
Manual Integrations
APPROVED

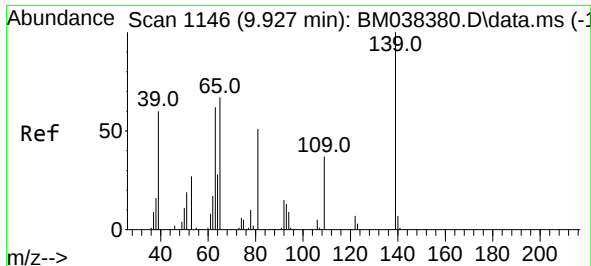
Reviewed By :Jagrut Upadhyay 01/09/2023
Supervised By :mohammad ahmed 01/09/2023



#23
Isophorone
Concen: 3.948 ng/ul
RT: 9.733 min Scan# 1113
Delta R.T. -0.006 min
Lab File: BM038386.D
Acq: 06 Jan 2023 13:20

Tgt Ion: 82 Resp: 46961
Ion Ratio Lower Upper
82 100
95 8.0 5.4 8.0
138 12.0 11.1 16.7





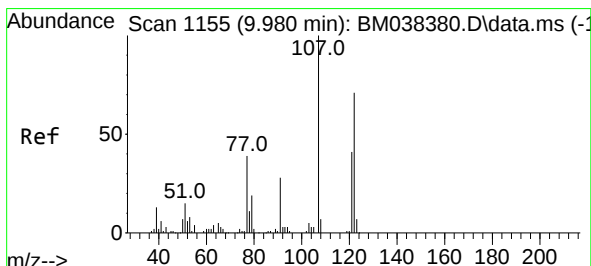
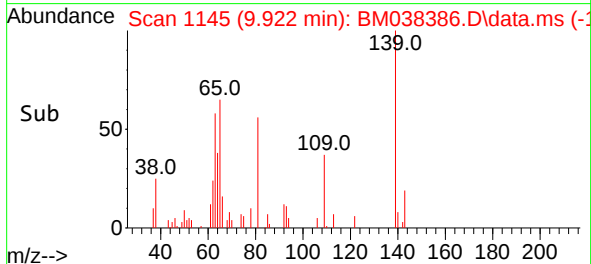
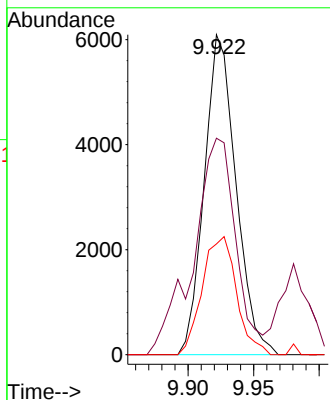
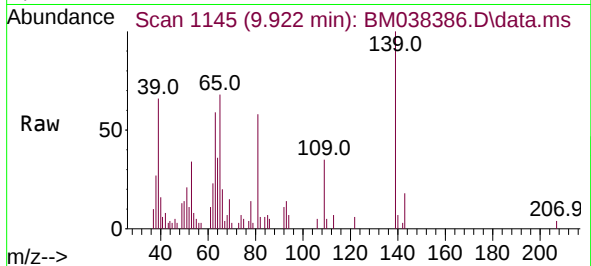
#25
2-Nitrophenol
Concen: 4.124 ng/ul
RT: 9.922 min Scan# 1146
Delta R.T. -0.006 min
Lab File: BM038386.D
Acq: 06 Jan 2023 13:20

Instrument : BNA_M
ClientSampleId : MDL-MED-SOIL-QT4-2022-08

Tgt Ion:139 Resp: 10249
Ion Ratio Lower Upper
139 100
65 67.6 55.9 83.9
109 34.6 29.0 43.4

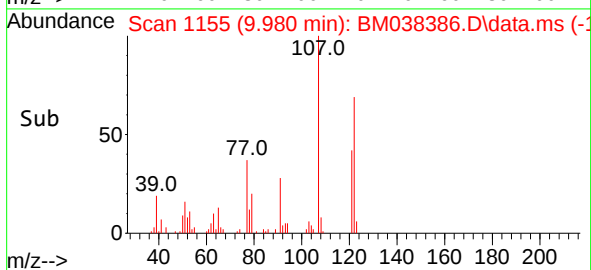
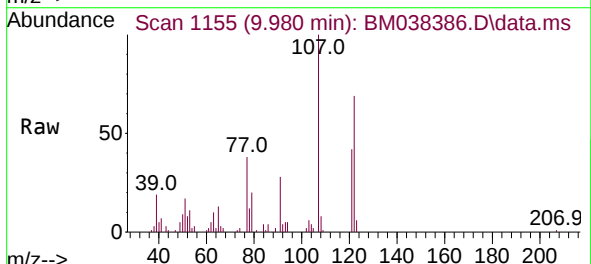
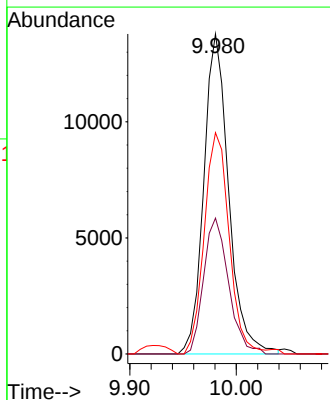
Manual Integrations
APPROVED

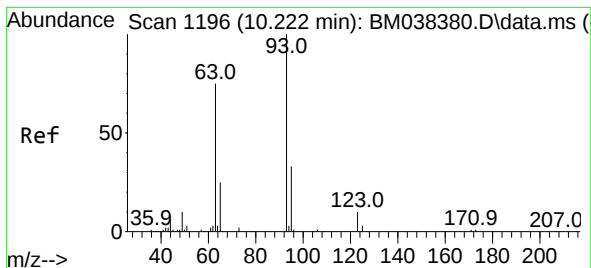
Reviewed By :Jagrut Upadhyay 01/09/2023
Supervised By :mohammad ahmed 01/09/2023



#26
2,4-Dimethylphenol
Concen: 3.848 ng/ul
RT: 9.980 min Scan# 1155
Delta R.T. -0.006 min
Lab File: BM038386.D
Acq: 06 Jan 2023 13:20

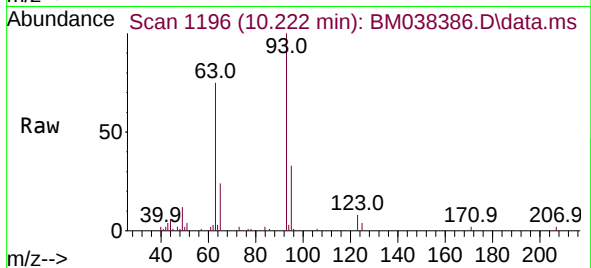
Tgt Ion:107 Resp: 22355
Ion Ratio Lower Upper
107 100
121 42.4 35.2 52.8
122 69.2 58.6 87.8





#27
Bis(2-Chloroethoxy)methane
Concen: 4.126 ng/ul
RT: 10.222 min Scan# 1196
Delta R.T. -0.000 min
Lab File: BM038386.D
Acq: 06 Jan 2023 13:20

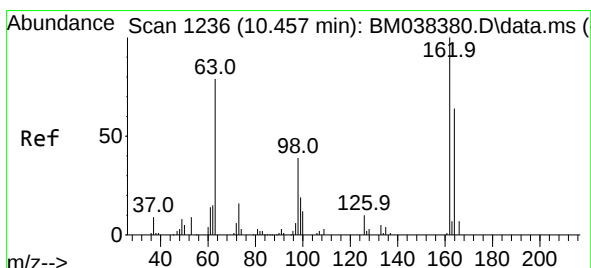
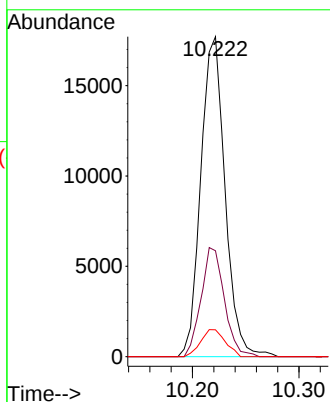
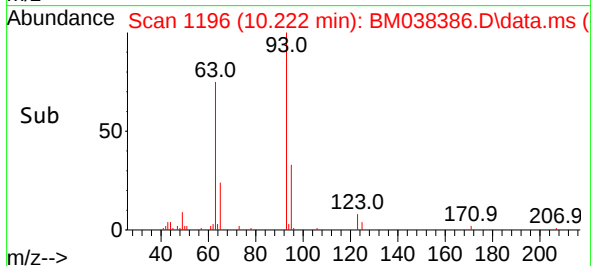
Instrument :
BNA_M
ClientSampleId :
MDL-MED-SOIL-QT4-2022-08



Tgt Ion: 93 Resp: 2808
Ion Ratio Lower Upper
93 100
95 33.1 25.4 38.2
123 8.4 7.5 11.3

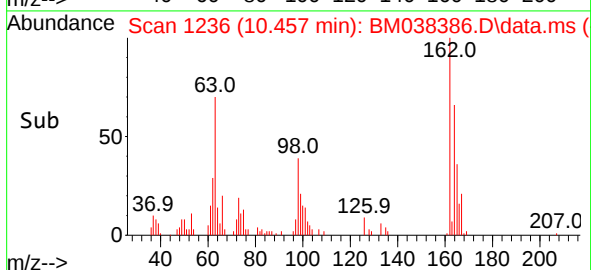
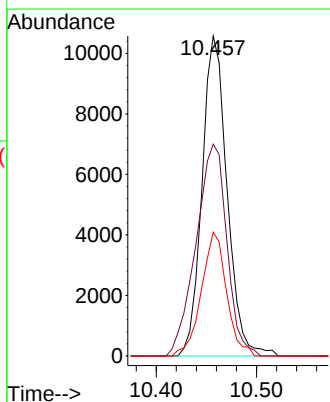
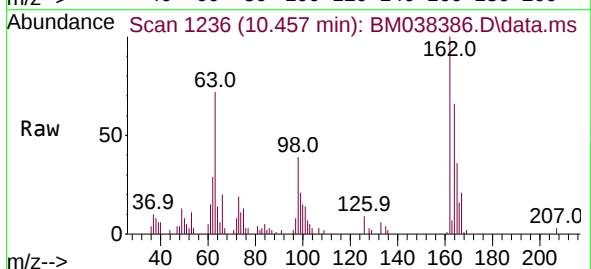
Manual Integrations
APPROVED

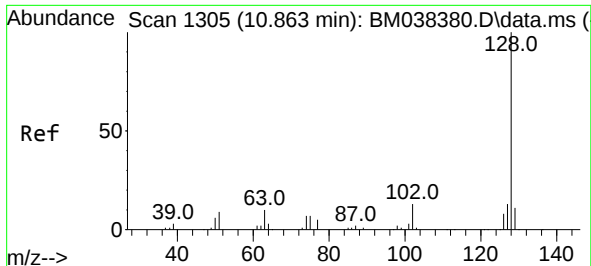
Reviewed By :Jagrut Upadhyay 01/09/2023
Supervised By :mohammad ahmed 01/09/2023



#29
2,4-Dichlorophenol
Concen: 4.104 ng/ul
RT: 10.457 min Scan# 1236
Delta R.T. -0.006 min
Lab File: BM038386.D
Acq: 06 Jan 2023 13:20

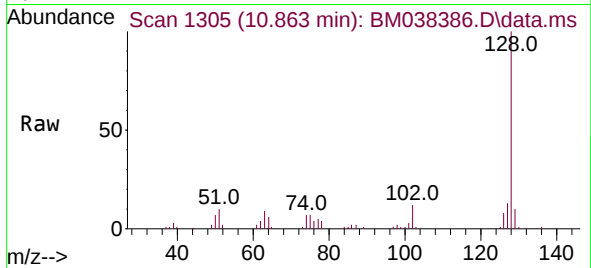
Tgt Ion:162 Resp: 18389
Ion Ratio Lower Upper
162 100
164 66.2 51.8 77.8
98 38.7 30.6 45.8





#30
Naphthalene
Concen: 4.100 ng/ul
RT: 10.863 min Scan# 1305
Delta R.T. -0.006 min
Lab File: BM038386.D
Acq: 06 Jan 2023 13:20

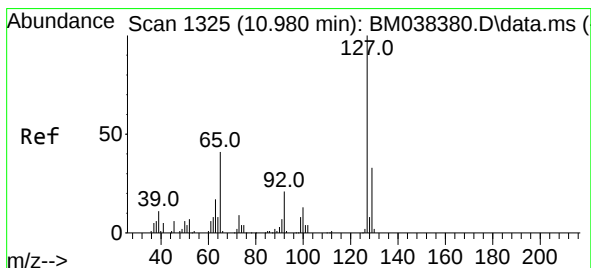
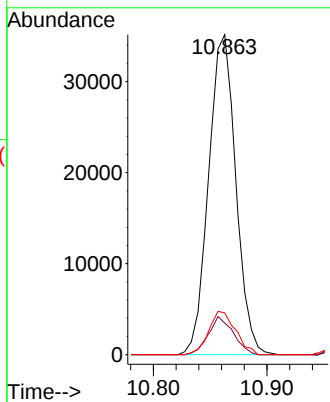
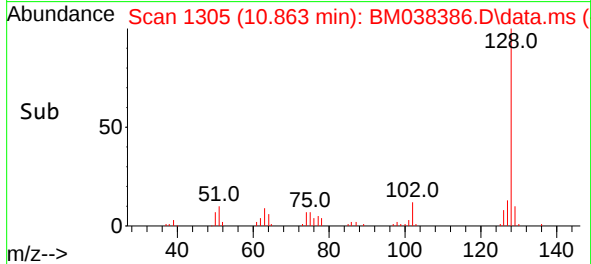
Instrument : BNA_M
ClientSampleId : MDL-MED-SOIL-QT4-2022-08



Tgt Ion:128 Resp: 5864
Ion Ratio Lower Upper
128 100
129 9.8 8.6 12.8
127 13.0 10.5 15.7

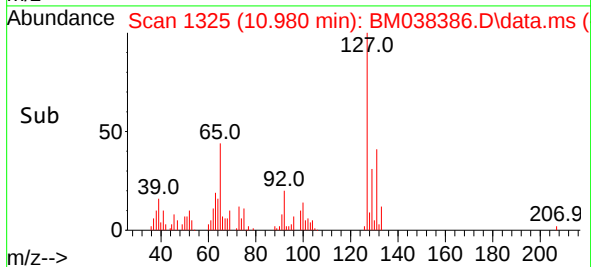
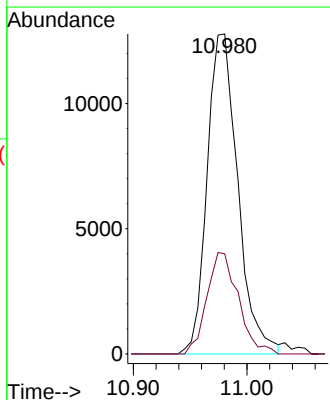
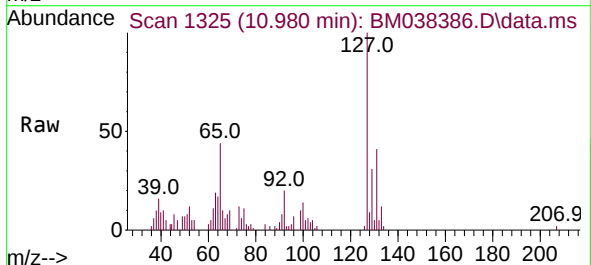
Manual Integrations
APPROVED

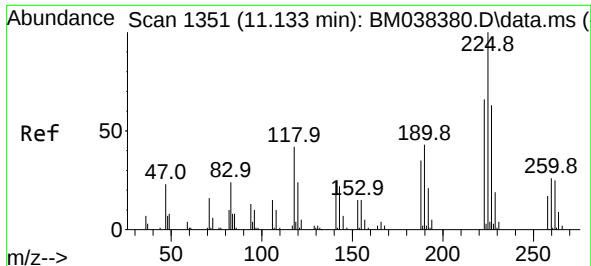
Reviewed By :Jagrut Upadhyay 01/09/2023
Supervised By :mohammad ahmed 01/09/2023



#32
4-Chloroaniline
Concen: 3.697 ng/ul
RT: 10.980 min Scan# 1325
Delta R.T. -0.000 min
Lab File: BM038386.D
Acq: 06 Jan 2023 13:20

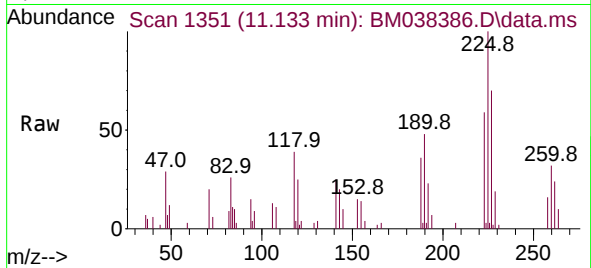
Tgt Ion:127 Resp: 23949
Ion Ratio Lower Upper
127 100
129 31.3 26.2 39.2





#33
Hexachlorobutadiene
Concen: 4.244 ng/ul
RT: 11.133 min Scan# 111
Delta R.T. -0.006 min
Lab File: BM038386.D
Acq: 06 Jan 2023 13:20

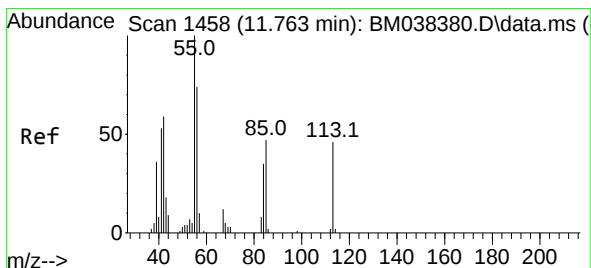
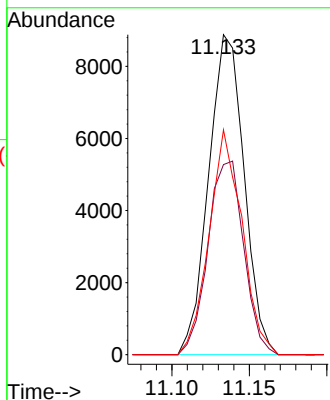
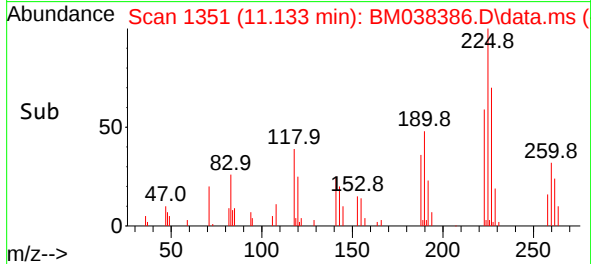
Instrument :
BNA_M
ClientSampleId :
MDL-MED-SOIL-QT4-2022-08



Tgt Ion:225 Resp: 1415
Ion Ratio Lower Upper
225 100
223 57.7 52.6 78.8
227 70.6 48.2 72.4

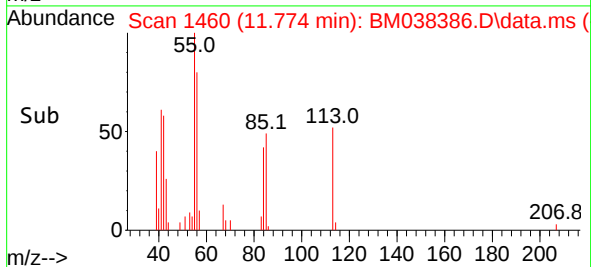
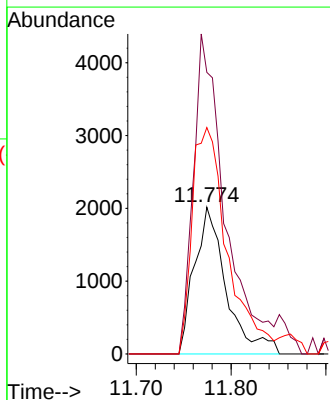
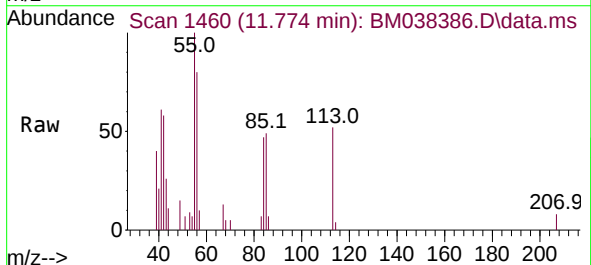
Manual Integrations
APPROVED

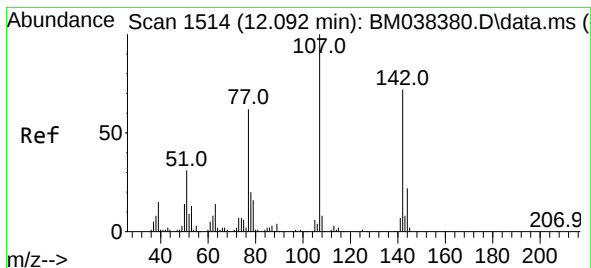
Reviewed By :Jagrut Upadhyay 01/09/2023
Supervised By :mohammad ahmed 01/09/2023



#34
Caprolactam
Concen: 3.664 ng/ul m
RT: 11.774 min Scan# 1460
Delta R.T. -0.000 min
Lab File: BM038386.D
Acq: 06 Jan 2023 13:20

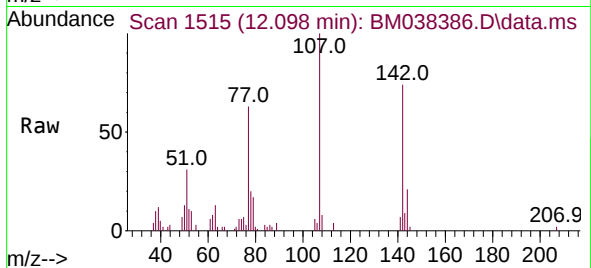
Tgt Ion:113 Resp: 4685
Ion Ratio Lower Upper
113 100
55 192.0 161.5 242.3
56 154.4 125.8 188.8





#35
4-Chloro-3-methylphenol
Concen: 4.007 ng/ul
RT: 12.098 min Scan# 1515
Delta R.T. -0.000 min
Lab File: BM038386.D
Acq: 06 Jan 2023 13:20

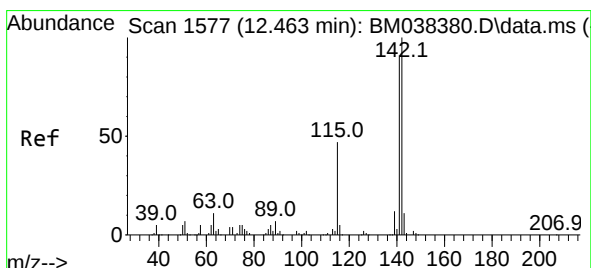
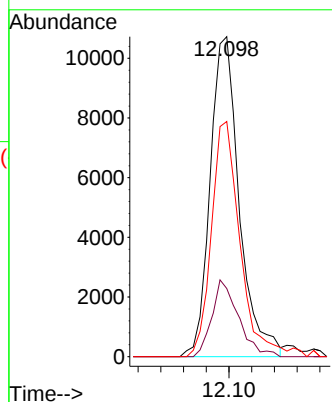
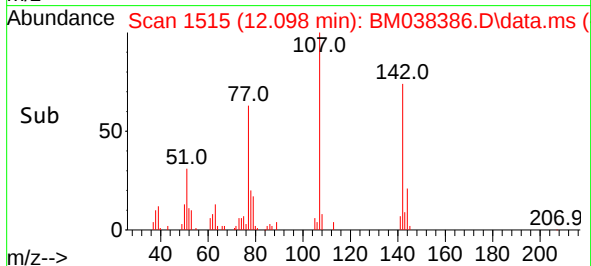
Instrument :
BNA_M
ClientSampleId :
MDL-MED-SOIL-QT4-2022-08



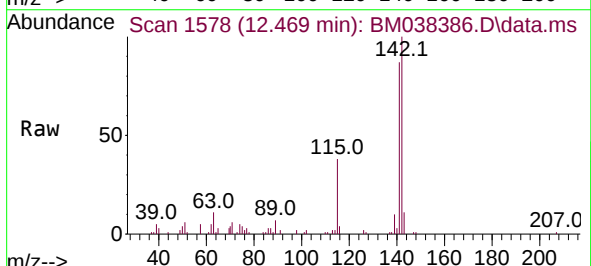
Tgt Ion:107 Resp: 1910
Ion Ratio Lower Upper
107 100
144 21.3 18.1 27.1
142 73.5 57.4 86.2

Manual Integrations
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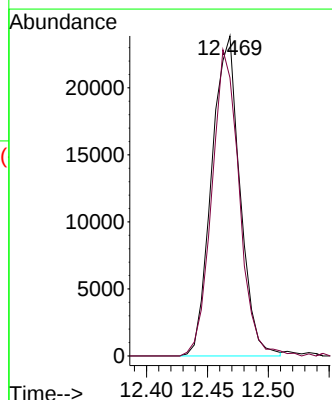
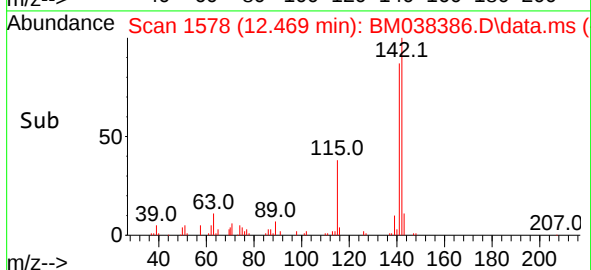
Reviewed By :Jagrut Upadhyay 01/09/2023
Supervised By :mohammad ahmed 01/09/2023

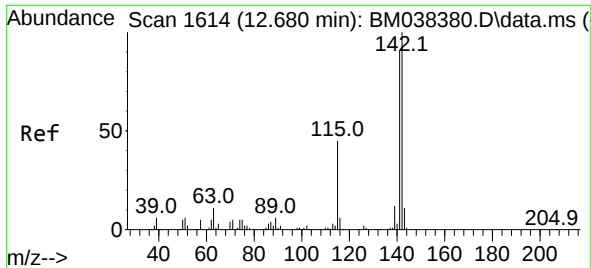


#36
2-Methylnaphthalene
Concen: 4.135 ng/ul
RT: 12.469 min Scan# 1578
Delta R.T. -0.000 min
Lab File: BM038386.D
Acq: 06 Jan 2023 13:20



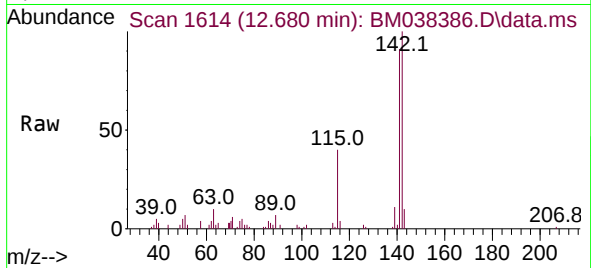
Tgt Ion:142 Resp: 38550
Ion Ratio Lower Upper
142 100
141 86.9 73.2 109.8





#37
1-Methylnaphthalene
Concen: 3.169 ng/ul
RT: 12.680 min Scan# 1614
Delta R.T. -0.006 min
Lab File: BM038386.D
Acq: 06 Jan 2023 13:20

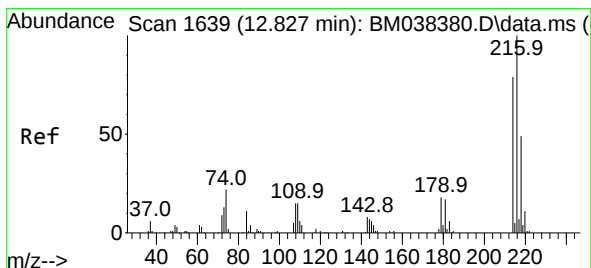
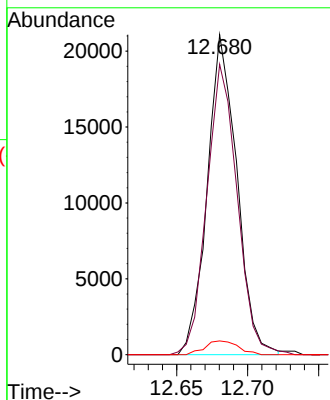
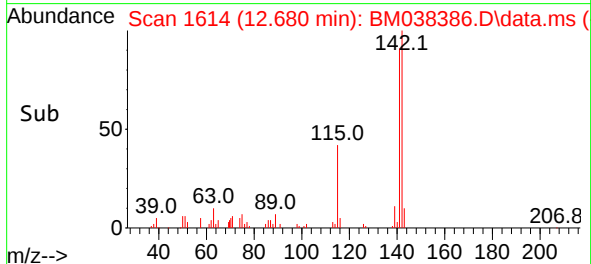
Instrument : BNA_M
ClientSampleId : MDL-MED-SOIL-QT4-2022-08



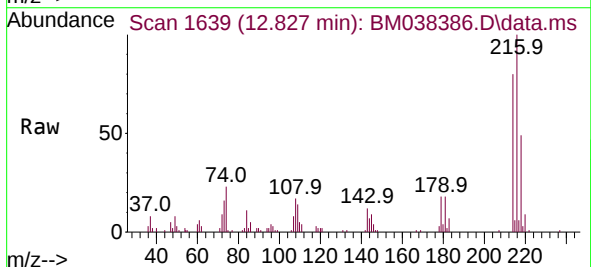
Tgt Ion:142 Resp: 3056
Ion Ratio Lower Upper
142 100
141 90.7 75.9 113.9
116 4.3 4.2 6.2

Manual Integrations
APPROVED

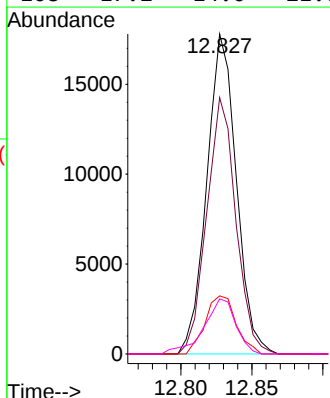
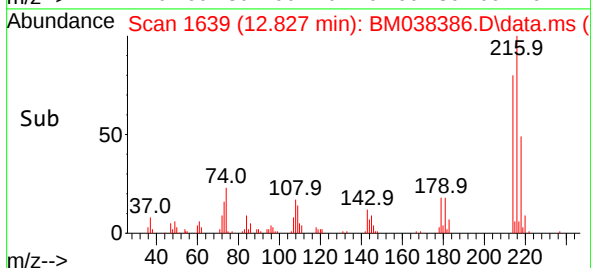
Reviewed By :Jagrut Upadhyay 01/09/2023
Supervised By :mohammad ahmed 01/09/2023

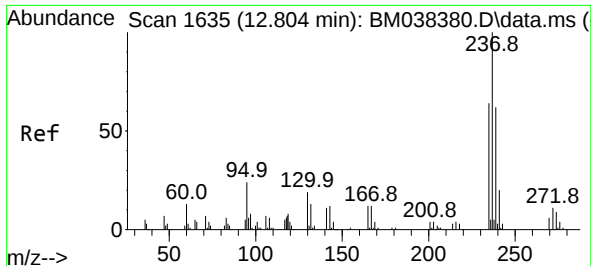


#39
1,2,4,5-Tetrachlorobenzene
Concen: 4.280 ng/ul
RT: 12.827 min Scan# 1639
Delta R.T. -0.006 min
Lab File: BM038386.D
Acq: 06 Jan 2023 13:20



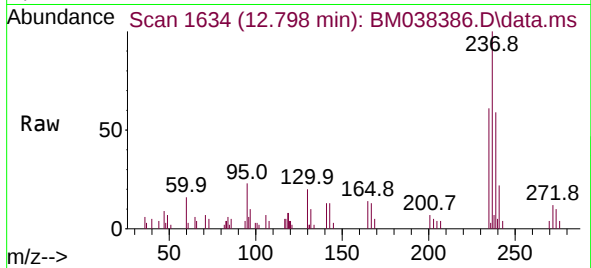
Tgt Ion:216 Resp: 25790
Ion Ratio Lower Upper
216 100
214 80.1 62.0 93.0
179 18.1 15.6 23.4
108 17.2 14.0 21.0





#40
Hexachlorocyclopentadiene
Concen: 2.826 ng/ul
RT: 12.798 min Scan# 1634
Delta R.T. -0.006 min
Lab File: BM038386.D
Acq: 06 Jan 2023 13:20

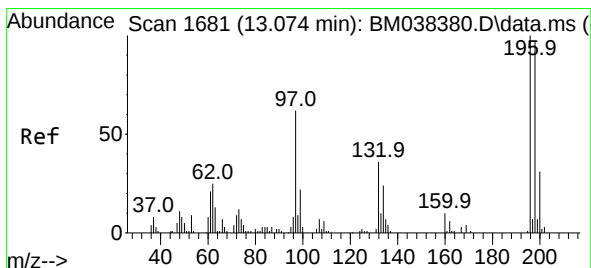
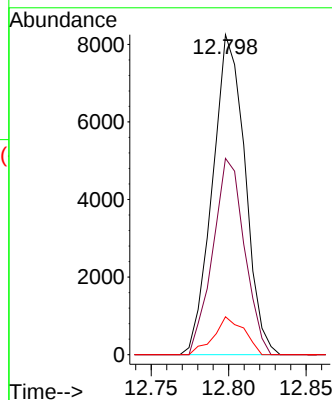
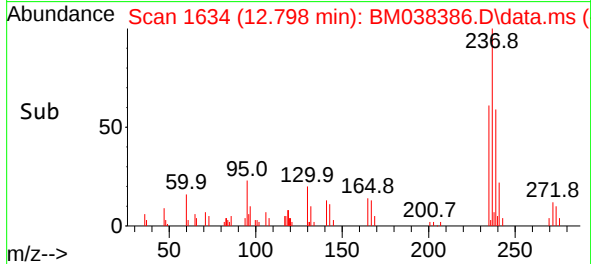
Instrument :
BNA_M
ClientSampleId :
MDL-MED-SOIL-QT4-2022-08



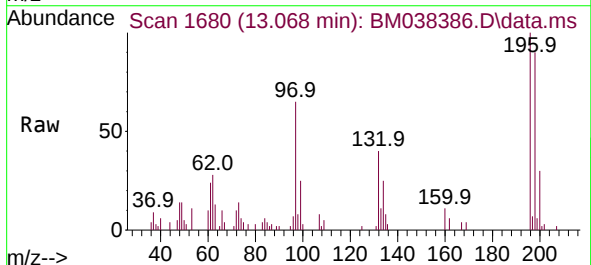
Tgt Ion:237 Resp: 1202
Ion Ratio Lower Upper
237 100
235 61.4 51.0 76.4
272 11.8 10.2 15.4

Manual Integrations
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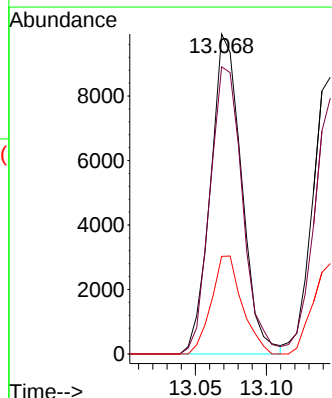
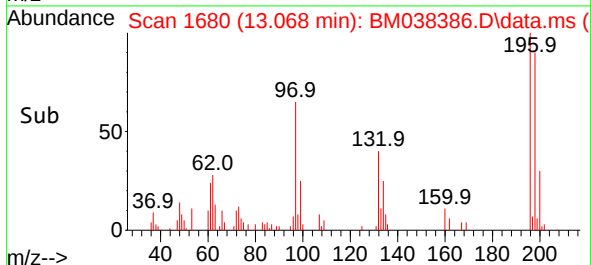
Reviewed By :Jagrut Upadhyay 01/09/2023
Supervised By :mohammad ahmed 01/09/2023

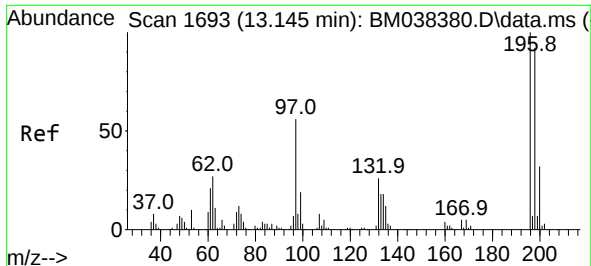


#41
2,4,6-Trichlorophenol
Concen: 4.036 ng/ul
RT: 13.068 min Scan# 1680
Delta R.T. -0.006 min
Lab File: BM038386.D
Acq: 06 Jan 2023 13:20



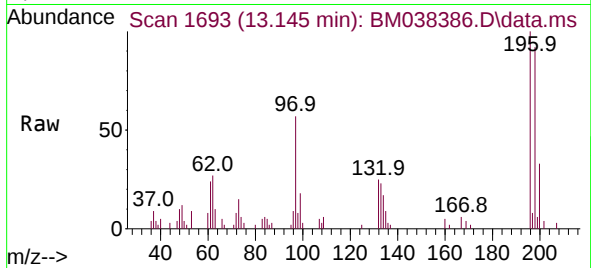
Tgt Ion:196 Resp: 15096
Ion Ratio Lower Upper
196 100
198 89.7 77.7 116.5
200 30.5 25.0 37.4





#42
2,4,5-Trichlorophenol
Concen: 3.973 ng/ul m
RT: 13.145 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM038386.D
Acq: 06 Jan 2023 13:20

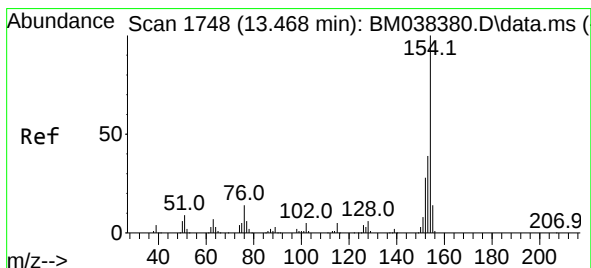
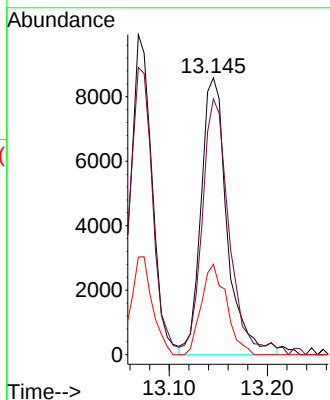
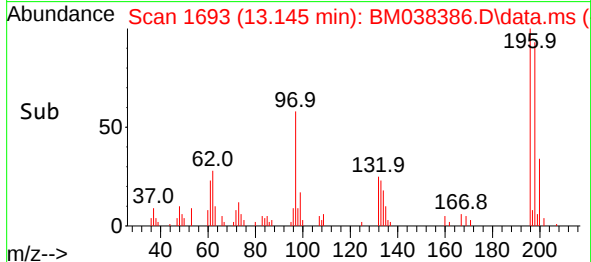
Instrument :
BNA_M
ClientSampleId :
MDL-MED-SOIL-QT4-2022-08



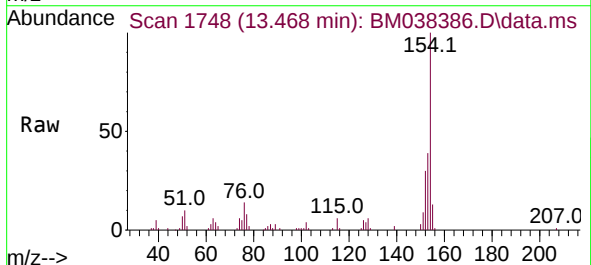
Tgt Ion:196 Resp: 15924
Ion Ratio Lower Upper
196 100
198 92.4 76.6 115.0
200 32.7 25.4 38.2

Manual Integrations
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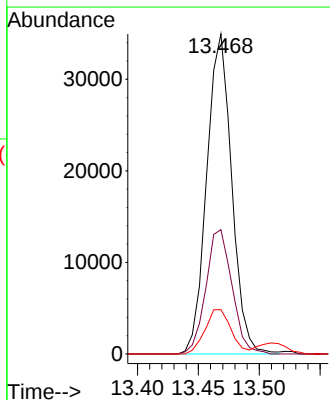
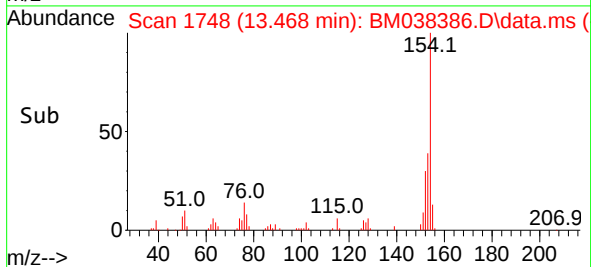
Reviewed By :Jagrut Upadhyay 01/09/2023
Supervised By :mohammad ahmed 01/09/2023

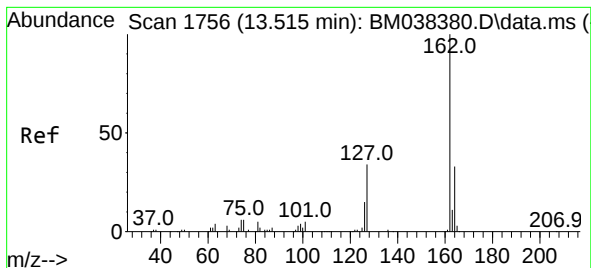


#43
1,1'-Biphenyl
Concen: 3.887 ng/ul
RT: 13.468 min Scan# 1748
Delta R.T. -0.000 min
Lab File: BM038386.D
Acq: 06 Jan 2023 13:20



Tgt Ion:154 Resp: 50074
Ion Ratio Lower Upper
154 100
153 38.9 32.6 49.0
76 13.9 11.6 17.4





#44

2-Chloronaphthalene

Concen: 3.938 ng/ul

RT: 13.510 min Scan# 1755

Delta R.T. -0.006 min

Lab File: BM038386.D

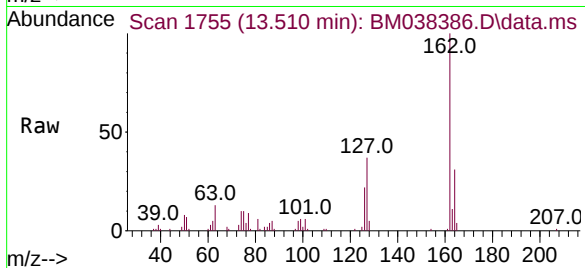
Acq: 06 Jan 2023 13:20

Instrument :

BNA_M

ClientSampleId :

MDL-MED-SOIL-QT4-2022-08

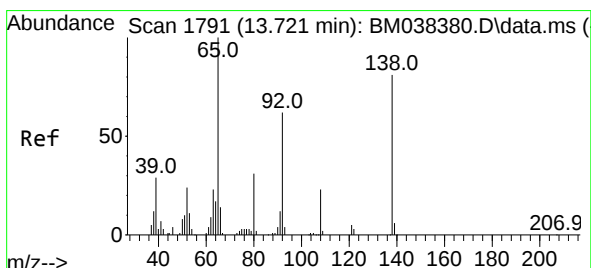
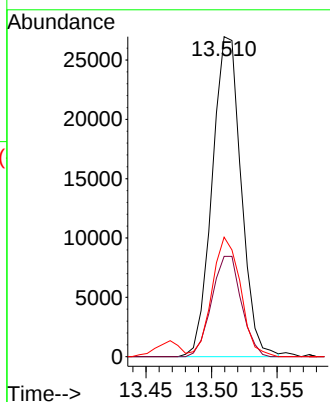
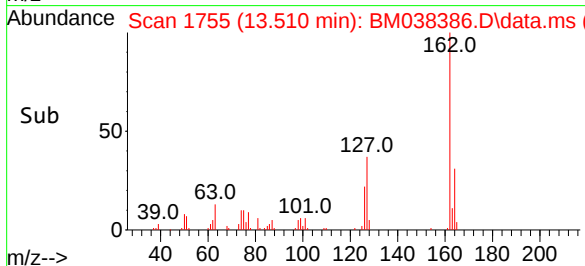


Tgt Ion:	162	Resp:	41420
Ion Ratio	Lower	Upper	
162	100		
164	31.4	26.6	39.8
127	37.4	29.7	44.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 01/09/2023
Supervised By :mohammad ahmed 01/09/2023



#45

2-Nitroaniline

Concen: 3.433 ng/ul

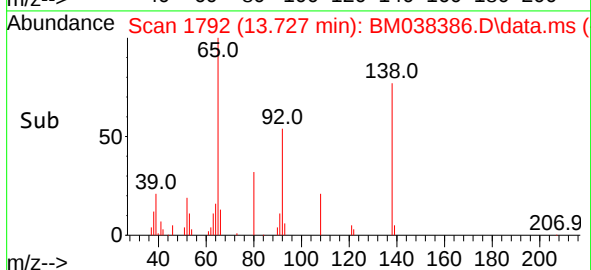
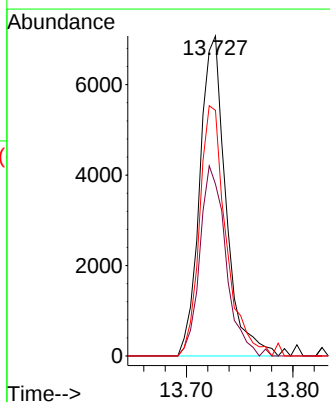
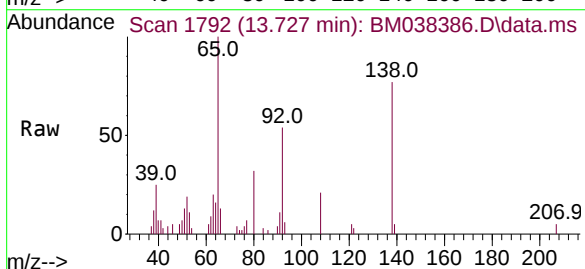
RT: 13.727 min Scan# 1792

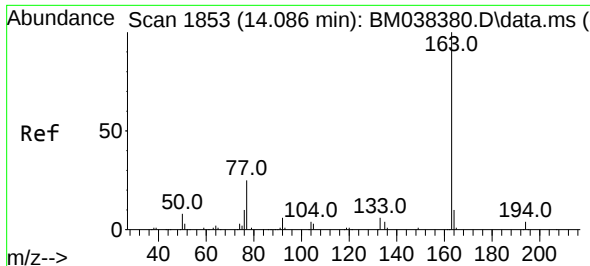
Delta R.T. -0.000 min

Lab File: BM038386.D

Acq: 06 Jan 2023 13:20

Tgt Ion:	65	Resp:	12078
Ion Ratio	Lower	Upper	
65	100		
92	53.7	47.6	71.4
138	76.8	64.6	96.8





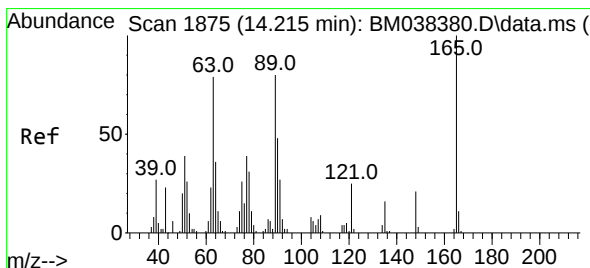
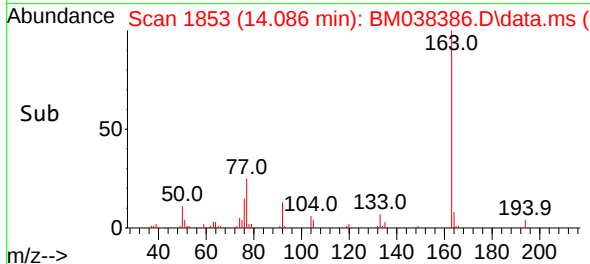
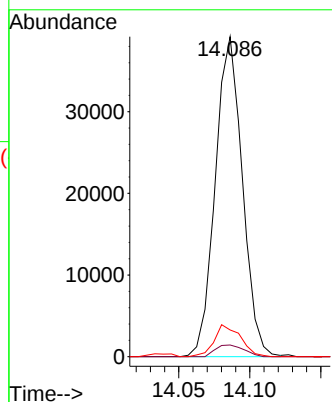
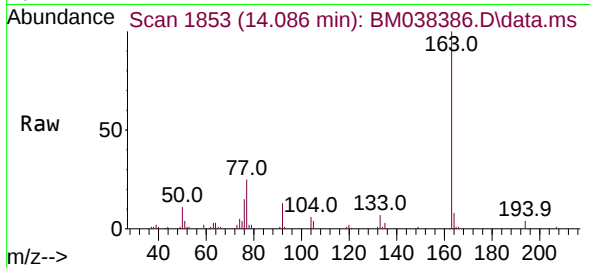
#47
Dimethylphthalate
Concen: 3.968 ng/ul
RT: 14.086 min Scan# 1853
Delta R.T. -0.006 min
Lab File: BM038386.D
Acq: 06 Jan 2023 13:20

Instrument : BNA_M
ClientSampleId :
MDL-MED-SOIL-QT4-2022-08

Tgt Ion:163 Resp: 5197
Ion Ratio Lower Upper
163 100
194 3.6 3.0 4.6
164 8.3 8.2 12.2

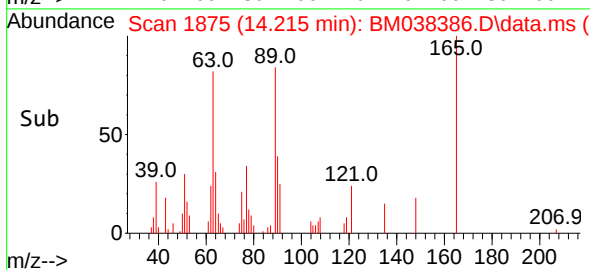
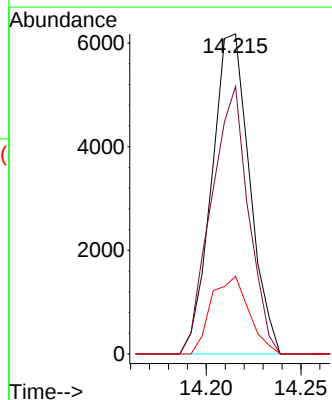
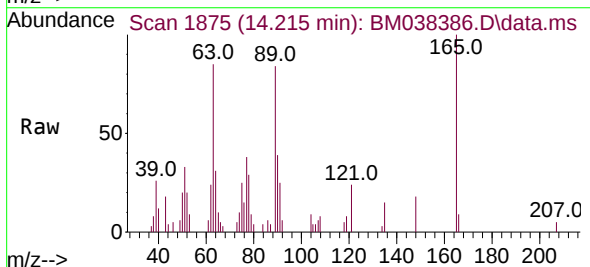
Manual Integrations
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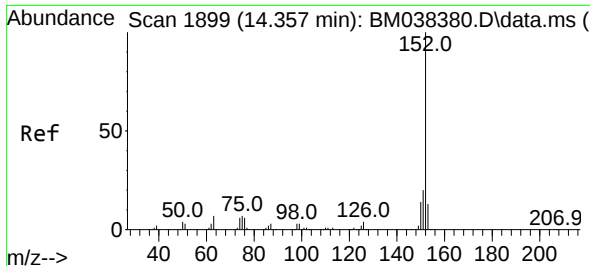
Reviewed By :Jagrut Upadhyay 01/09/2023
Supervised By :mohammad ahmed 01/09/2023



#48
2,6-Dinitrotoluene
Concen: 3.451 ng/ul
RT: 14.215 min Scan# 1875
Delta R.T. -0.000 min
Lab File: BM038386.D
Acq: 06 Jan 2023 13:20

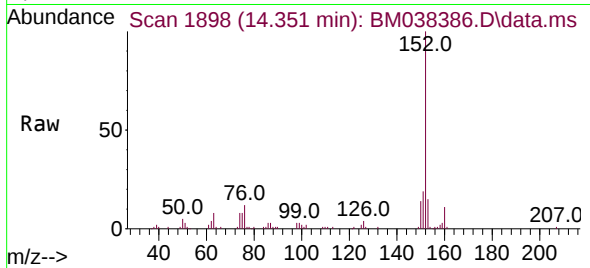
Tgt Ion:165 Resp: 8606
Ion Ratio Lower Upper
165 100
89 83.6 66.2 99.2
121 24.3 18.9 28.3





#50
Acenaphthylene
Concen: 4.010 ng/ul
RT: 14.351 min Scan# 1898
Delta R.T. -0.006 min
Lab File: BM038386.D
Acq: 06 Jan 2023 13:20

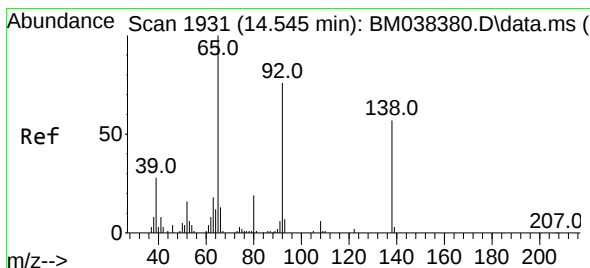
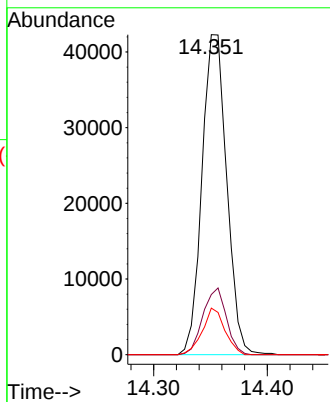
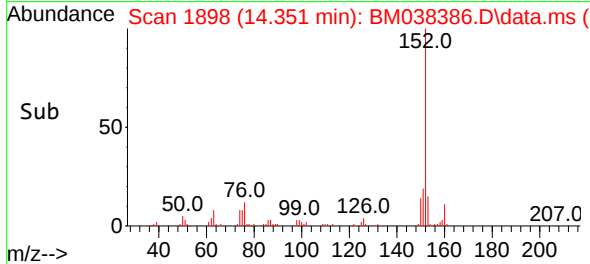
Instrument : BNA_M
ClientSampleId : MDL-MED-SOIL-QT4-2022-08



Tgt Ion:152 Resp: 6398
Ion Ratio Lower Upper
152 100
151 18.8 16.0 24.0
153 14.6 10.2 15.4

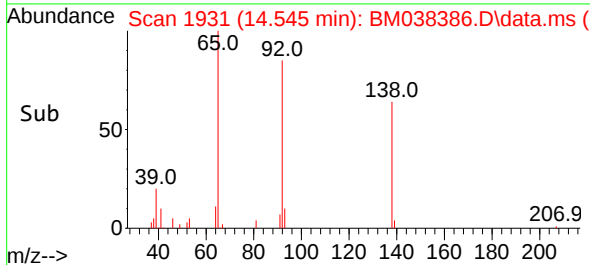
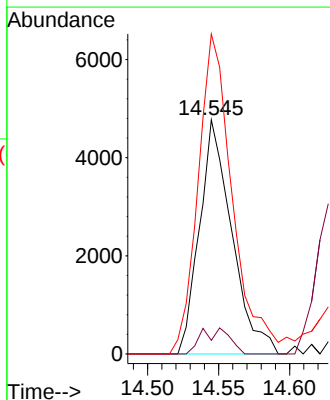
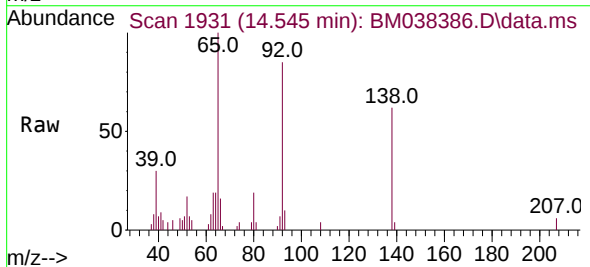
Manual Integrations
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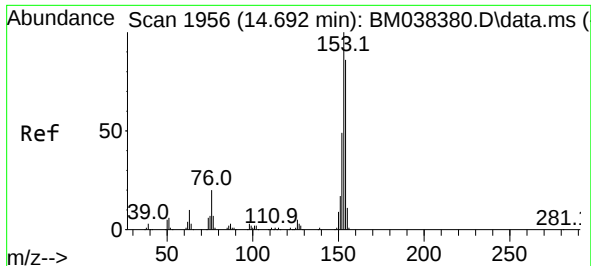
Reviewed By :Jagrut Upadhyay 01/09/2023
Supervised By :mohammad ahmed 01/09/2023



#51
3-Nitroaniline
Concen: 3.290 ng/ul
RT: 14.545 min Scan# 1931
Delta R.T. -0.000 min
Lab File: BM038386.D
Acq: 06 Jan 2023 13:20

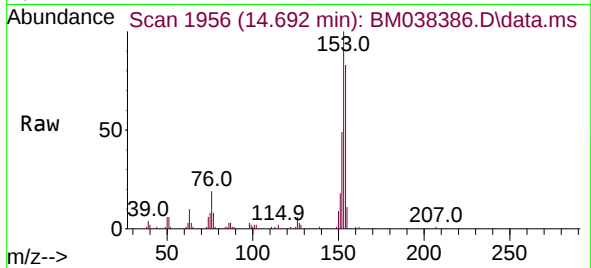
Tgt Ion:138 Resp: 7556
Ion Ratio Lower Upper
138 100
108 5.8 8.6 12.8#
92 136.7 111.4 167.2





#52
Acenaphthene
Concen: 4.002 ng/ul
RT: 14.692 min Scan# 1956
Delta R.T. -0.006 min
Lab File: BM038386.D
Acq: 06 Jan 2023 13:20

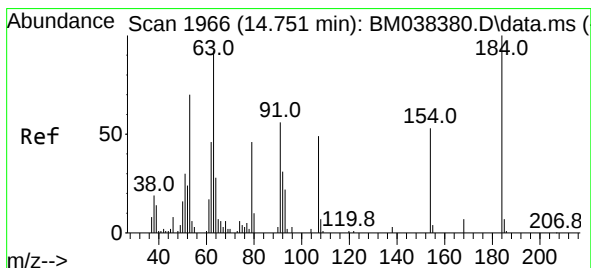
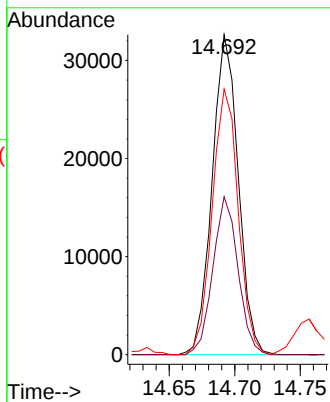
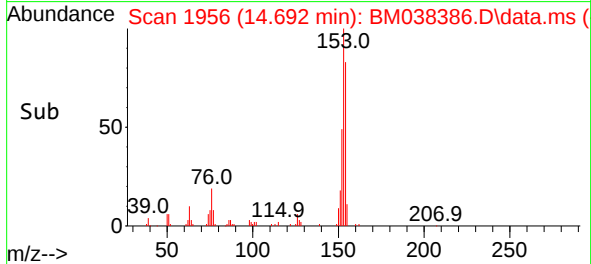
Instrument : BNA_M
ClientSampleId : MDL-MED-SOIL-QT4-2022-08



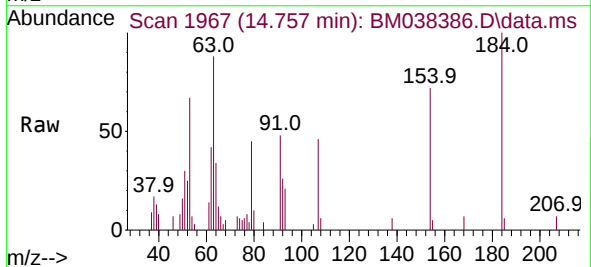
Tgt Ion:153 Resp: 45190
Ion Ratio Lower Upper
153 100
152 49.3 40.1 60.1
154 83.0 69.0 103.6

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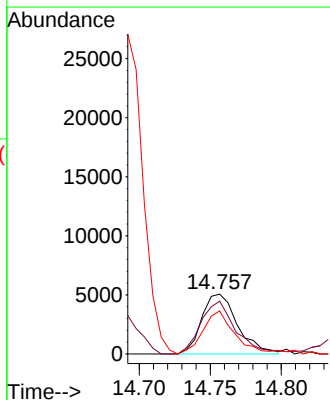
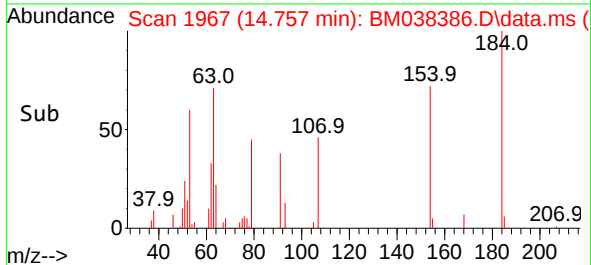
Reviewed By :Jagrut Upadhyay 01/09/2023
Supervised By :mohammad ahmed 01/09/2023

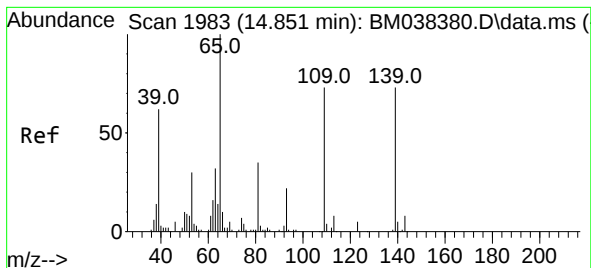


#53
2,4-Dinitrophenol
Concen: 4.799 ng/ul
RT: 14.757 min Scan# 1967
Delta R.T. -0.000 min
Lab File: BM038386.D
Acq: 06 Jan 2023 13:20



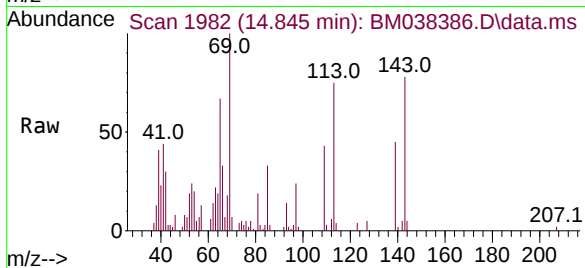
Tgt Ion:184 Resp: 8947
Ion Ratio Lower Upper
184 100
63 88.2 69.1 103.7
154 71.8 54.5 81.7





#55
4-Nitrophenol
Concen: 3.594 ng/ul
RT: 14.845 min Scan# 1983
Delta R.T. -0.006 min
Lab File: BM038386.D
Acq: 06 Jan 2023 13:20

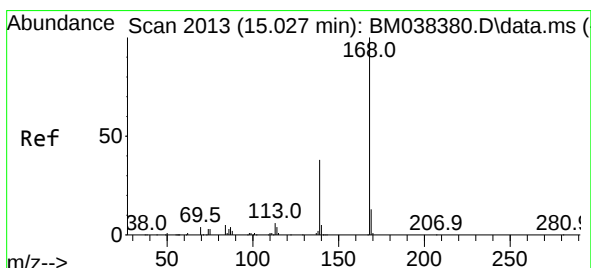
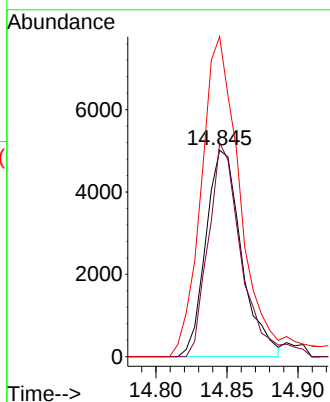
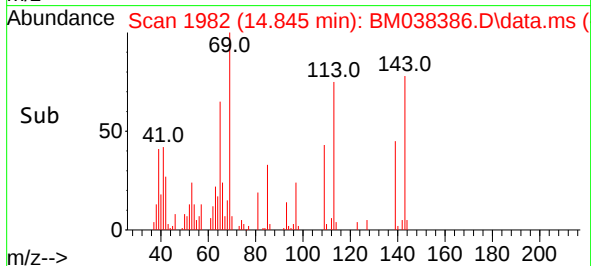
Instrument :
BNA_M
ClientSampleId :
MDL-MED-SOIL-QT4-2022-08



Tgt Ion:109 Resp: 874
Ion Ratio Lower Upper
109 100
139 103.5 79.1 118.7
65 154.9 108.6 162.8

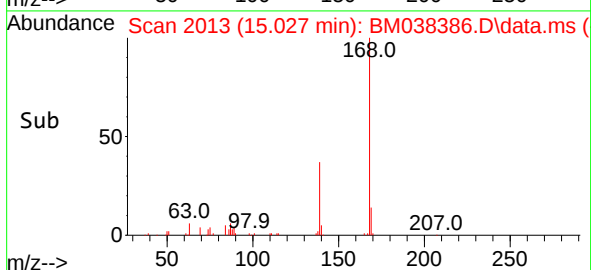
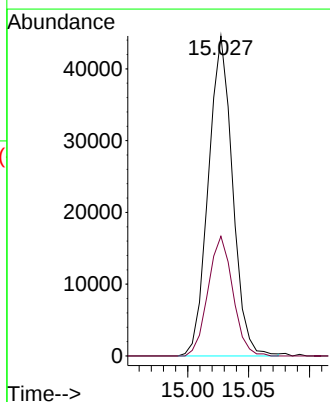
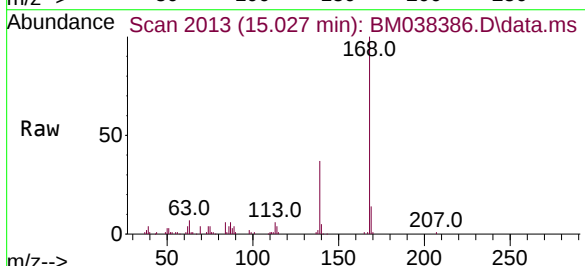
Manual Integrations
APPROVED

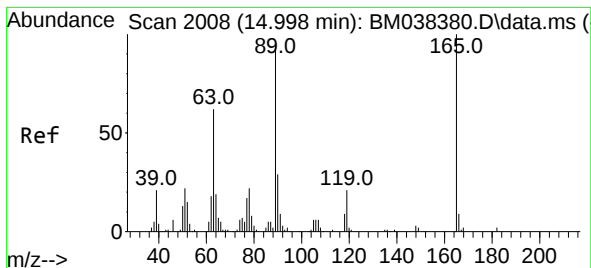
Reviewed By :Jagrut Upadhyay 01/09/2023
Supervised By :mohammad ahmed 01/09/2023



#56
Dibenzofuran
Concen: 3.839 ng/ul
RT: 15.027 min Scan# 2013
Delta R.T. -0.000 min
Lab File: BM038386.D
Acq: 06 Jan 2023 13:20

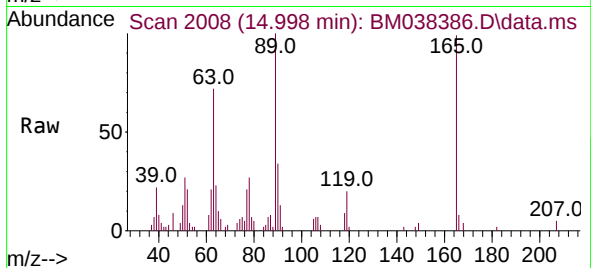
Tgt Ion:168 Resp: 61611
Ion Ratio Lower Upper
168 100
139 37.4 30.5 45.7





#57
2,4-Dinitrotoluene
Concen: 3.445 ng/ul
RT: 14.998 min Scan# 2008
Delta R.T. -0.006 min
Lab File: BM038386.D
Acq: 06 Jan 2023 13:20

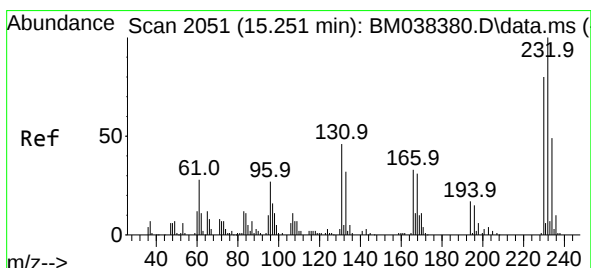
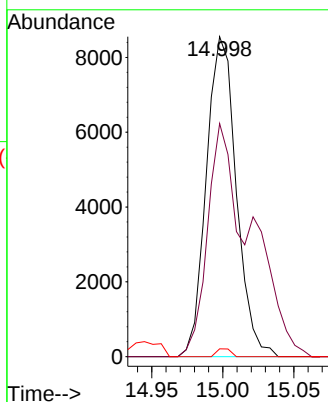
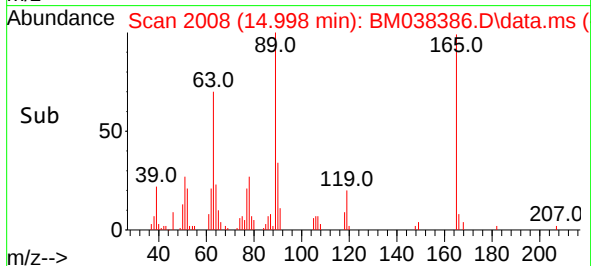
Instrument :
BNA_M
ClientSampleId :
MDL-MED-SOIL-QT4-2022-08



Tgt Ion:165 Resp: 1256
Ion Ratio Lower Upper
165 100
63 72.9 46.9 70.3
182 2.5 1.3 1.9

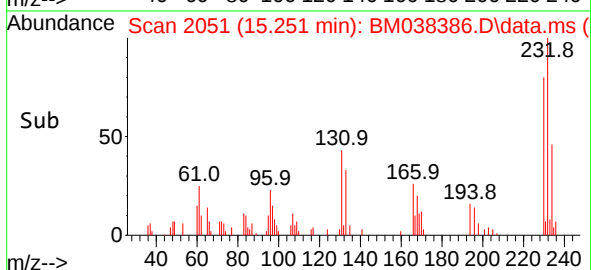
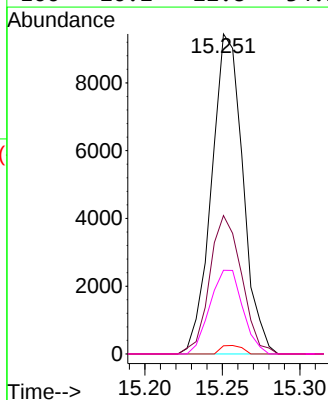
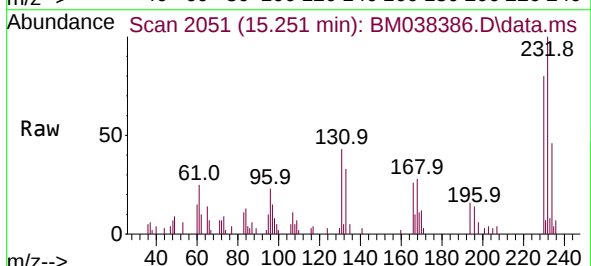
Manual Integrations
APPROVED

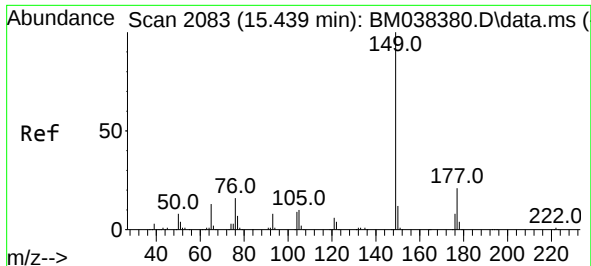
Reviewed By :Jagrut Upadhyay 01/09/2023
Supervised By :mohammad ahmed 01/09/2023



#58
2,3,4,6-Tetrachlorophenol
Concen: 3.708 ng/ul
RT: 15.251 min Scan# 2051
Delta R.T. -0.006 min
Lab File: BM038386.D
Acq: 06 Jan 2023 13:20

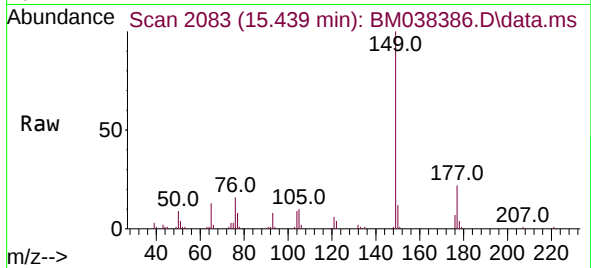
Tgt Ion:232 Resp: 13276
Ion Ratio Lower Upper
232 100
131 43.2 34.4 51.6
130 2.6 2.2 3.4
166 26.2 22.8 34.2





#59
Diethylphthalate
Concen: 3.789 ng/ul
RT: 15.439 min Scan# 2083
Delta R.T. -0.006 min
Lab File: BM038386.D
Acq: 06 Jan 2023 13:20

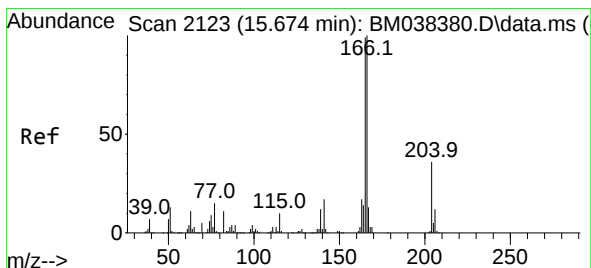
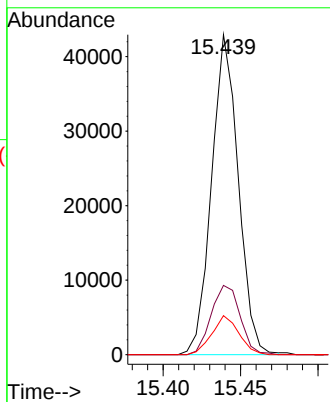
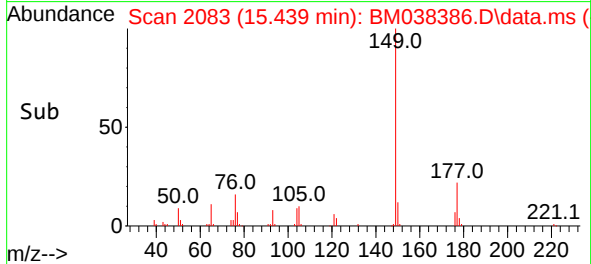
Instrument : BNA_M
ClientSampleId : MDL-MED-SOIL-QT4-2022-08



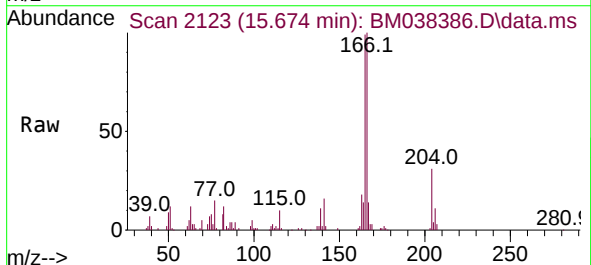
Tgt Ion:149 Resp: 5144
Ion Ratio Lower Upper
149 100
177 21.7 17.0 25.4
150 12.2 9.8 14.8

Manual Integrations
APPROVED

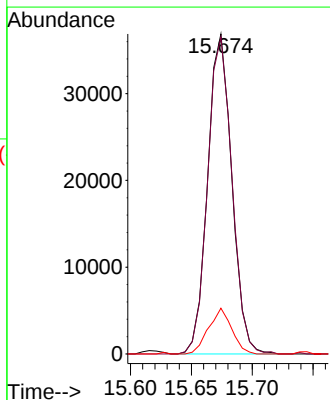
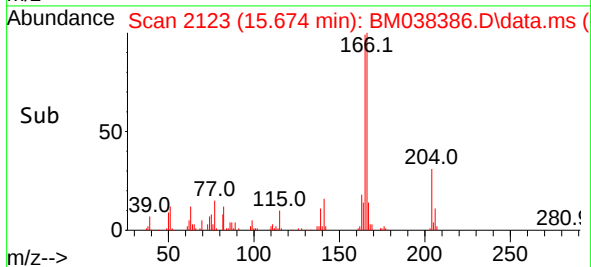
Reviewed By :Jagrut Upadhyay 01/09/2023
Supervised By :mohammad ahmed 01/09/2023

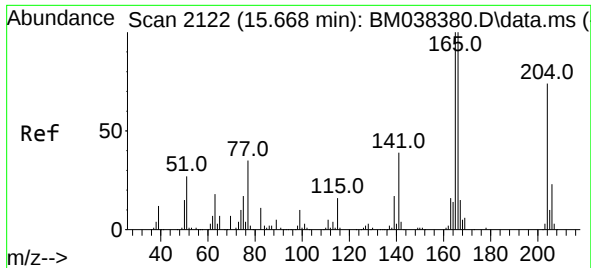


#61
Fluorene
Concen: 3.700 ng/ul
RT: 15.674 min Scan# 2123
Delta R.T. -0.006 min
Lab File: BM038386.D
Acq: 06 Jan 2023 13:20



Tgt Ion:166 Resp: 50982
Ion Ratio Lower Upper
166 100
165 99.0 78.7 118.1
167 14.3 11.0 16.6





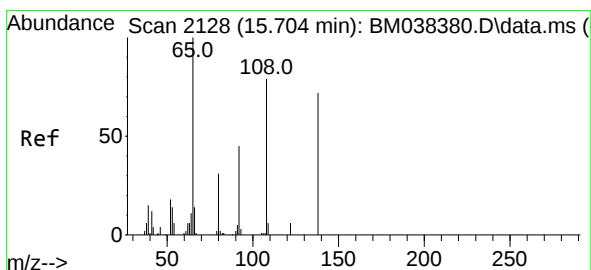
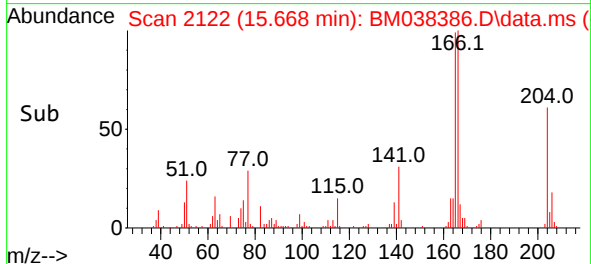
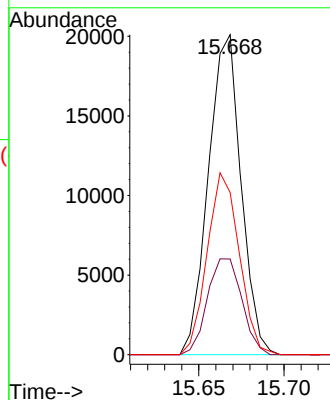
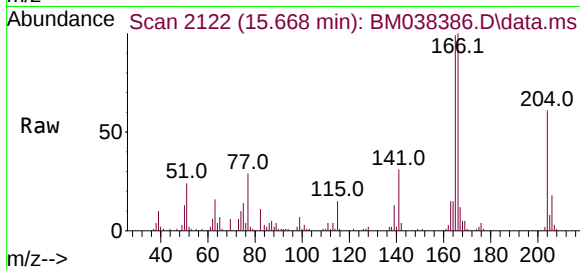
#62
4-Chlorophenyl-phenylether
Concen: 3.698 ng/ul
RT: 15.668 min Scan# 2122
Delta R.T. -0.000 min
Lab File: BM038386.D
Acq: 06 Jan 2023 13:20

Instrument :
BNA_M
ClientSampleId :
MDL-MED-SOIL-QT4-2022-08

Tgt Ion:204 Resp: 2681
Ion Ratio Lower Upper
204 100
206 29.9 26.8 40.2
141 50.7 42.9 64.3

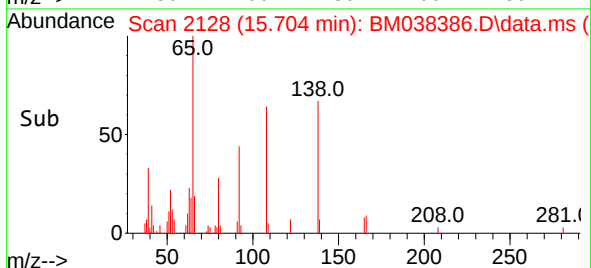
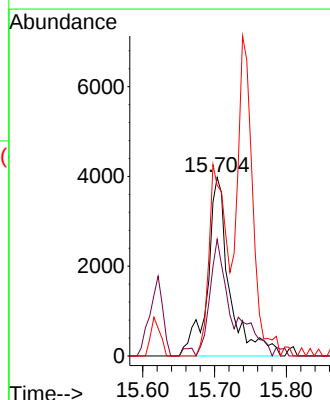
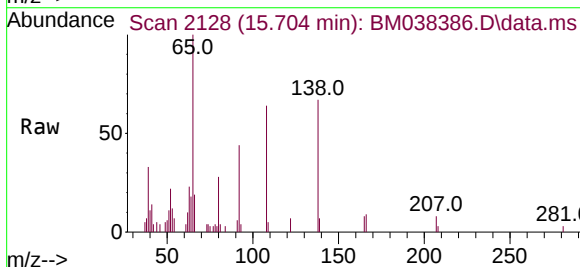
Manual Integrations
APPROVED

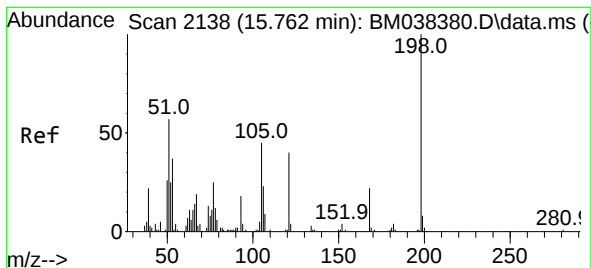
Reviewed By :Jagrut Upadhyay 01/09/2023
Supervised By :mohammad ahmed 01/09/2023



#63
4-Nitroaniline
Concen: 3.845 ng/ul m
RT: 15.704 min Scan# 2128
Delta R.T. -0.000 min
Lab File: BM038386.D
Acq: 06 Jan 2023 13:20

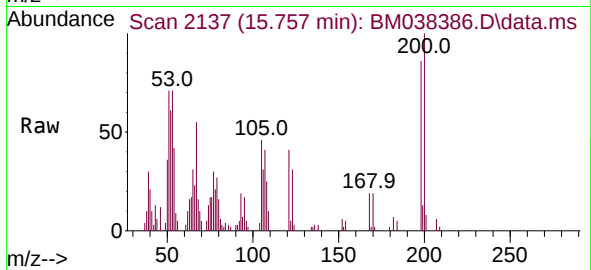
Tgt Ion:138 Resp: 8449
Ion Ratio Lower Upper
138 100
92 65.3 50.2 75.2
108 95.5 89.3 133.9





#66
4,6-Dinitro-2-methylphenol
Concen: 4.239 ng/ul
RT: 15.757 min Scan# 2137
Delta R.T. -0.006 min
Lab File: BM038386.D
Acq: 06 Jan 2023 13:20

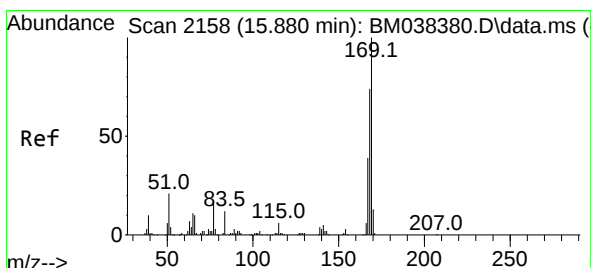
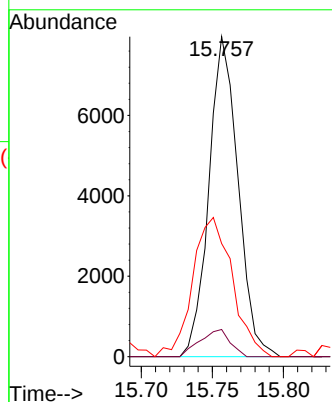
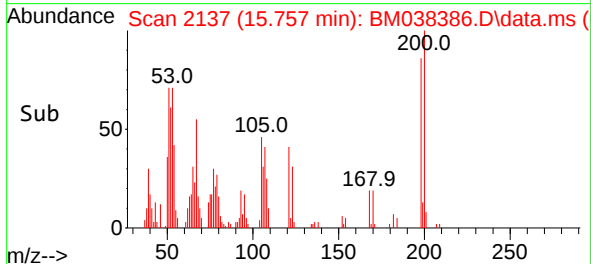
Instrument :
BNA_M
ClientSampleId :
MDL-MED-SOIL-QT4-2022-08



Tgt Ion:198 Resp: 1135
Ion Ratio Lower Upper
198 100
182 8.5 3.0 4.6
77 35.3 24.8 37.2

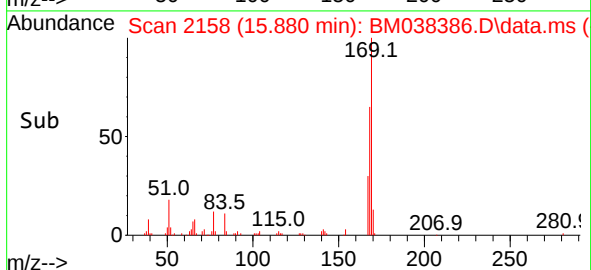
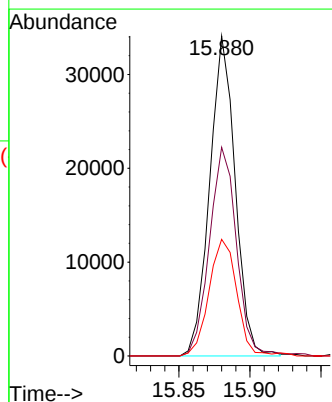
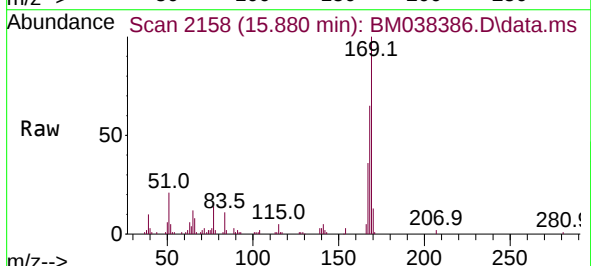
Manual Integrations
APPROVED

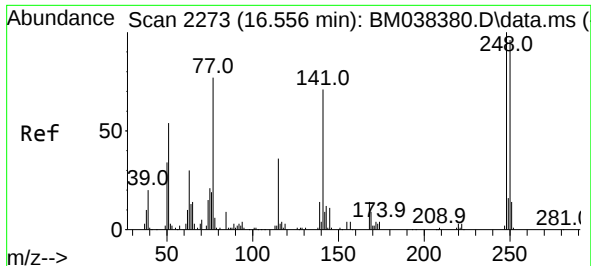
Reviewed By :Jagrut Upadhyay 01/09/2023
Supervised By :mohammad ahmed 01/09/2023



#67
N-Nitrosodiphenylamine
Concen: 3.872 ng/ul
RT: 15.880 min Scan# 2158
Delta R.T. -0.006 min
Lab File: BM038386.D
Acq: 06 Jan 2023 13:20

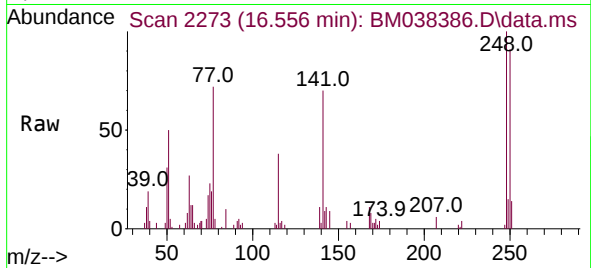
Tgt Ion:169 Resp: 42585
Ion Ratio Lower Upper
169 100
168 65.2 56.4 84.6
167 36.4 30.5 45.7





#68
4-Bromophenyl-phenylether
Concen: 3.982 ng/ul
RT: 16.556 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM038386.D
Acq: 06 Jan 2023 13:20

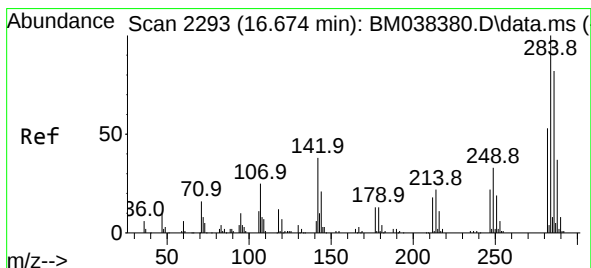
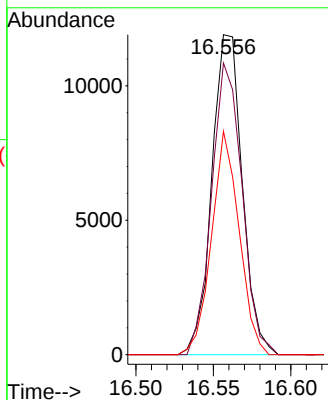
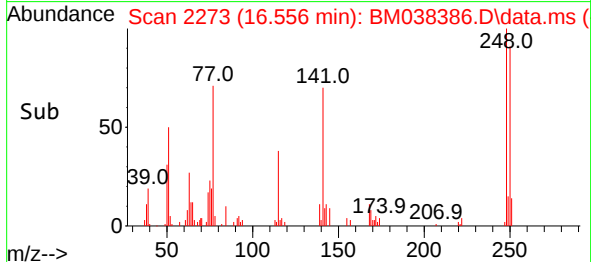
Instrument :
BNA_M
ClientSampleId :
MDL-MED-SOIL-QT4-2022-08



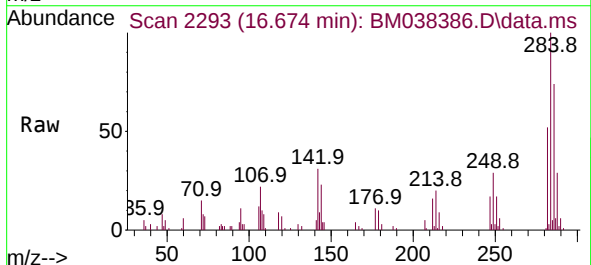
Tgt Ion:248 Resp: 16269
Ion Ratio Lower Upper
248 100
250 91.2 76.7 115.1
141 69.8 50.3 75.5

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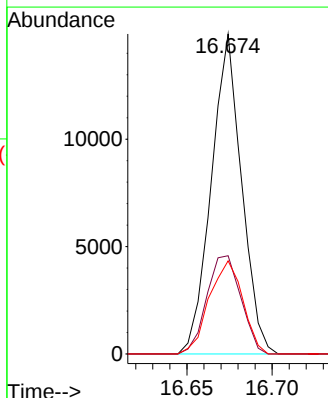
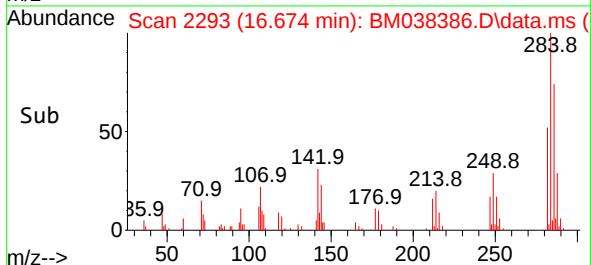
Reviewed By :Jagrut Upadhyay 01/09/2023
Supervised By :mohammad ahmed 01/09/2023

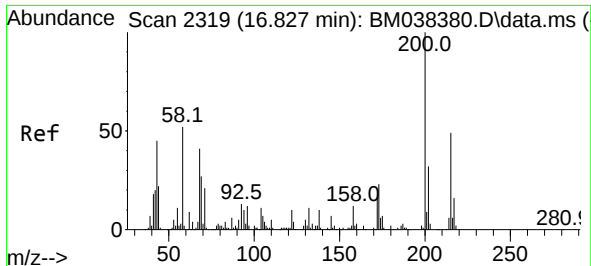


#69
Hexachlorobenzene
Concen: 3.912 ng/ul
RT: 16.674 min Scan# 2293
Delta R.T. -0.000 min
Lab File: BM038386.D
Acq: 06 Jan 2023 13:20



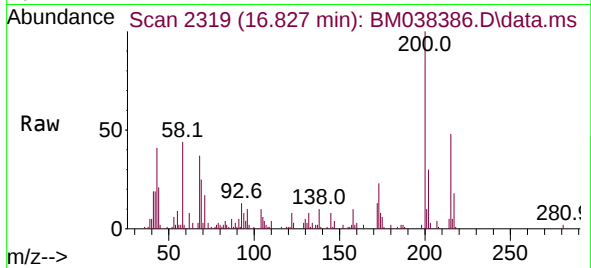
Tgt Ion:284 Resp: 18434
Ion Ratio Lower Upper
284 100
142 30.7 30.1 45.1
249 29.1 25.0 37.4





#70
Atrazine
Concen: 5.113 ng/ul
RT: 16.827 min Scan# 2319
Delta R.T. -0.006 min
Lab File: BM038386.D
Acq: 06 Jan 2023 13:20

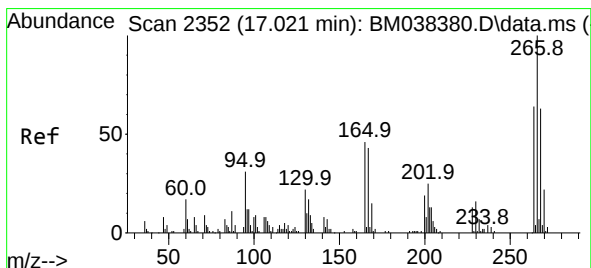
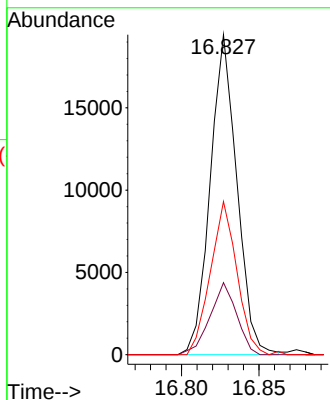
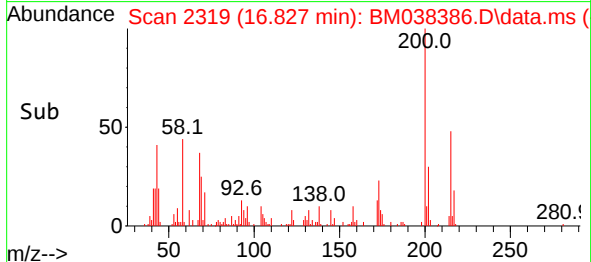
Instrument :
BNA_M
ClientSampleId :
MDL-MED-SOIL-QT4-2022-08



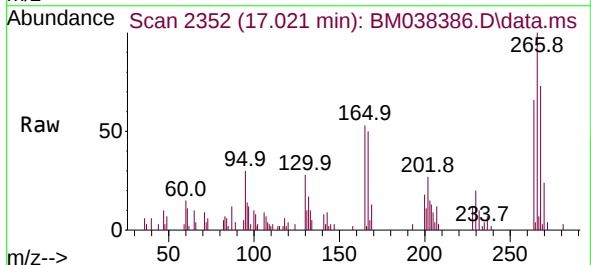
Tgt Ion:200 Resp: 2324
Ion Ratio Lower Upper
200 100
173 22.5 18.6 27.8
215 47.9 41.1 61.7

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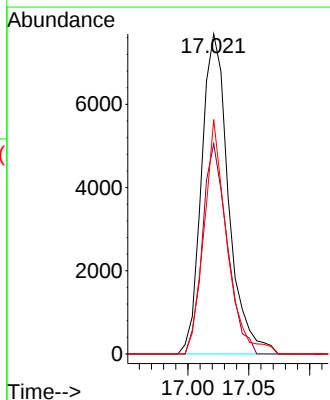
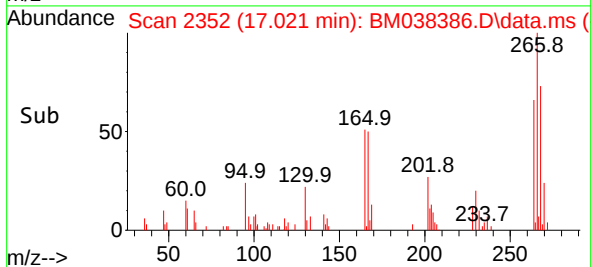
Reviewed By :Jagrut Upadhyay 01/09/2023
Supervised By :mohammad ahmed 01/09/2023

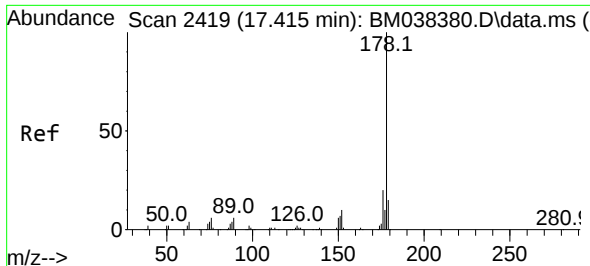


#71
Pentachlorophenol
Concen: 3.808 ng/ul
RT: 17.021 min Scan# 2352
Delta R.T. -0.000 min
Lab File: BM038386.D
Acq: 06 Jan 2023 13:20



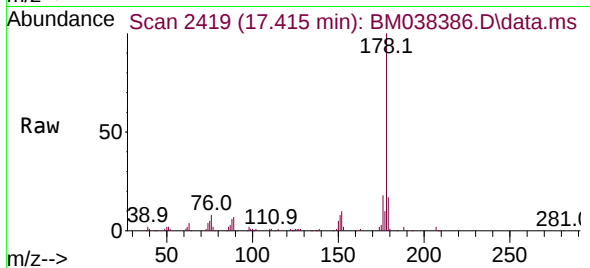
Tgt Ion:266 Resp: 11843
Ion Ratio Lower Upper
266 100
264 70.1 51.6 77.4
268 73.2 50.9 76.3





#72
Phenanthrene
Concen: 3.845 ng/ul
RT: 17.415 min Scan# 2419
Delta R.T. -0.000 min
Lab File: BM038386.D
Acq: 06 Jan 2023 13:20

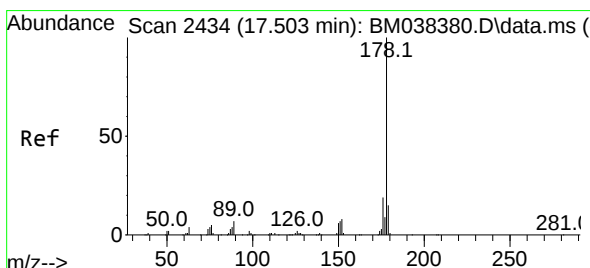
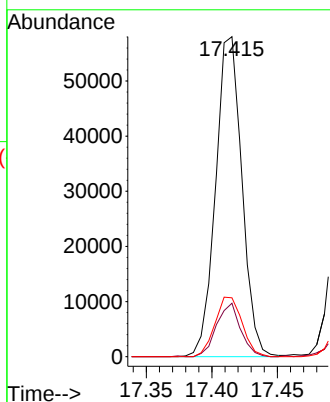
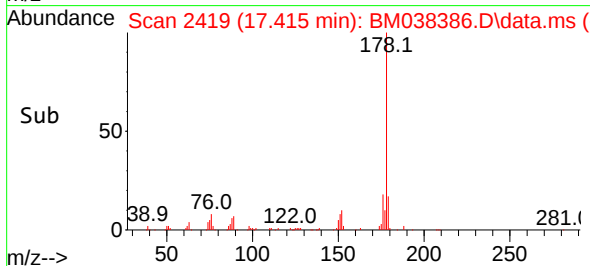
Instrument : BNA_M
ClientSampleId :
MDL-MED-SOIL-QT4-2022-08



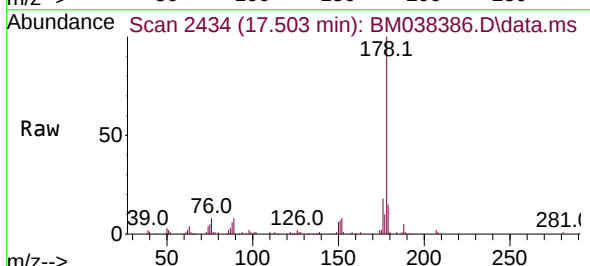
Tgt Ion:178 Resp: 80923
Ion Ratio Lower Upper
178 100
179 16.7 12.2 18.4
176 18.4 15.4 23.2

Manual Integrations
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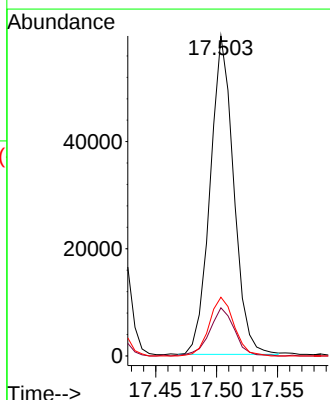
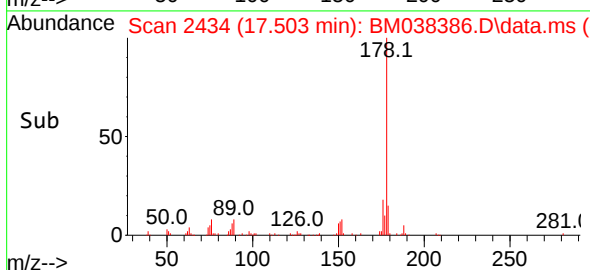
Reviewed By :Jagrut Upadhyay 01/09/2023
Supervised By :mohammad ahmed 01/09/2023

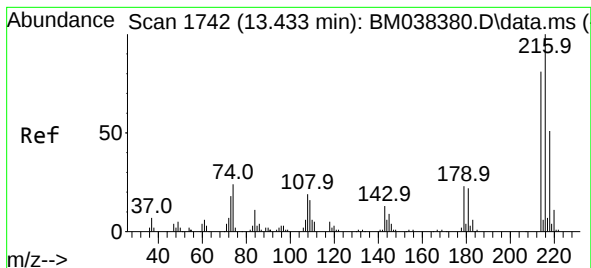


#74
Anthracene
Concen: 3.696 ng/ul
RT: 17.503 min Scan# 2434
Delta R.T. -0.006 min
Lab File: BM038386.D
Acq: 06 Jan 2023 13:20



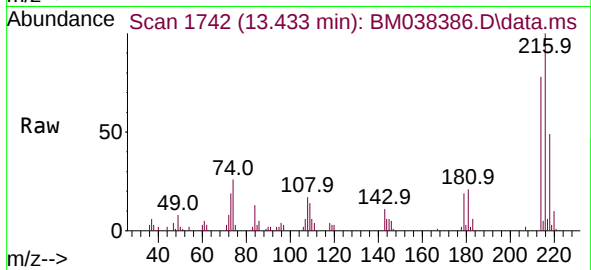
Tgt Ion:178 Resp: 79969
Ion Ratio Lower Upper
178 100
179 15.0 12.2 18.4
176 18.4 15.5 23.3





#75
1,2,3,4-Tetrachlorobenzene
Concen: 3.133 ng/uL
RT: 13.433 min Scan# 1742
Delta R.T. -0.006 min
Lab File: BM038386.D
Acq: 06 Jan 2023 13:20

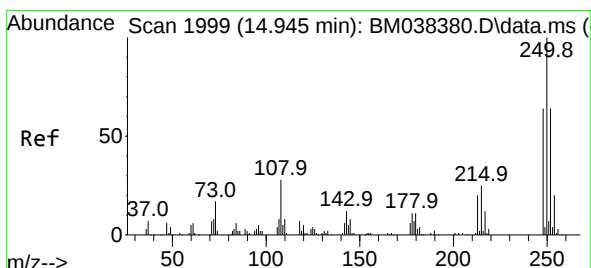
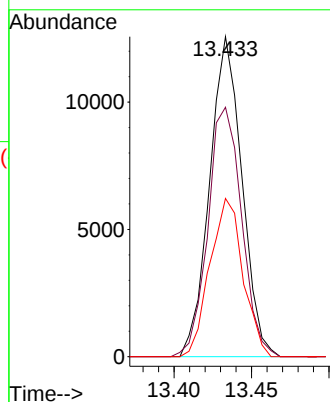
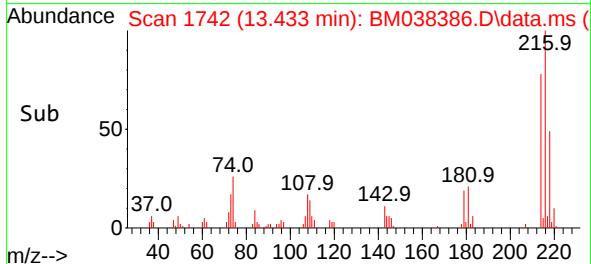
Instrument : BNA_M
ClientSampleId :
MDL-MED-SOIL-QT4-2022-08



Tgt Ion:216 Resp: 1823
Ion Ratio Lower Upper
216 100
214 78.0 60.2 90.4
218 49.4 38.2 57.4

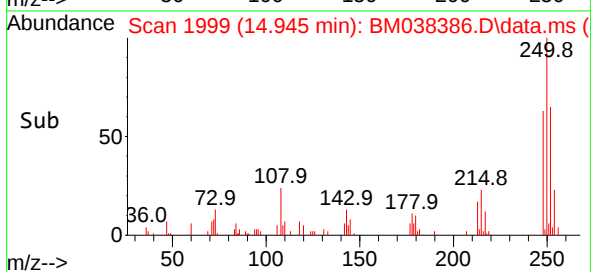
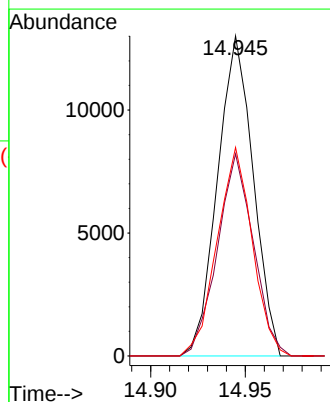
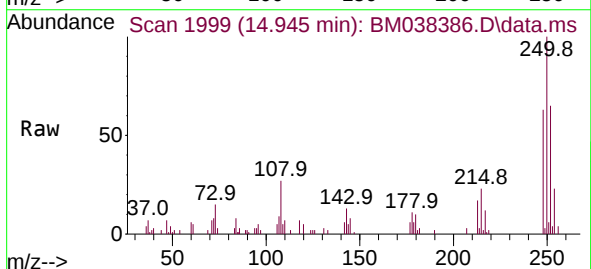
Manual Integrations
APPROVED

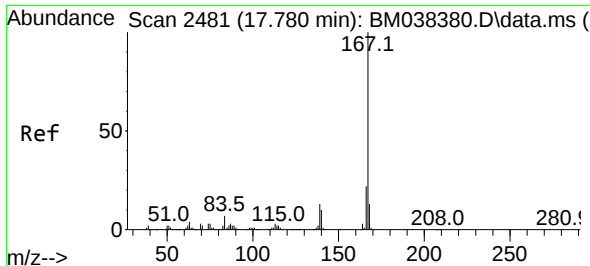
Reviewed By :Jagrut Upadhyay 01/09/2023
Supervised By :mohammad ahmed 01/09/2023



#76
Pentachlorobenzene
Concen: 3.040 ng/uL
RT: 14.945 min Scan# 1999
Delta R.T. -0.006 min
Lab File: BM038386.D
Acq: 06 Jan 2023 13:20

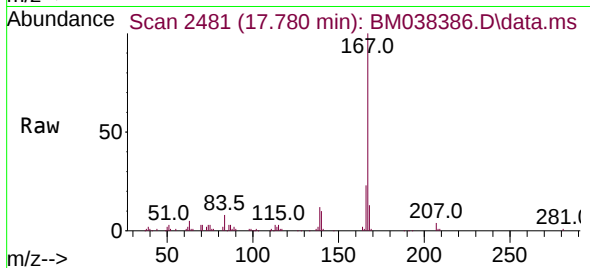
Tgt Ion:250 Resp: 17050
Ion Ratio Lower Upper
250 100
248 63.2 50.3 75.5
252 65.2 53.2 79.8





#77
 Carbazole
 Concen: 3.368 ng/ul
 RT: 17.780 min Scan# 2481
 Delta R.T. -0.000 min
 Lab File: BM038386.D
 Acq: 06 Jan 2023 13:20

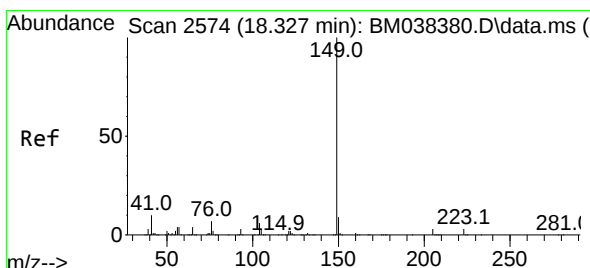
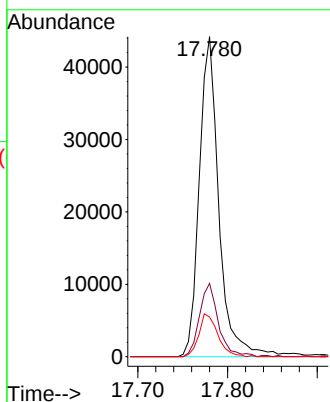
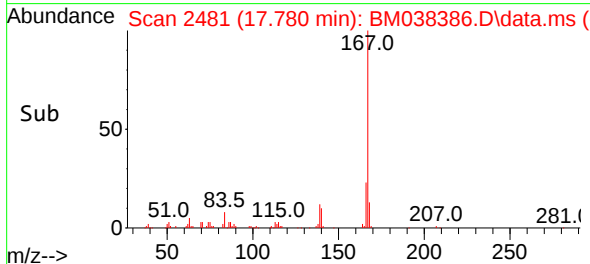
Instrument : BNA_M
 ClientSampleId :
 MDL-MED-SOIL-QT4-2022-08



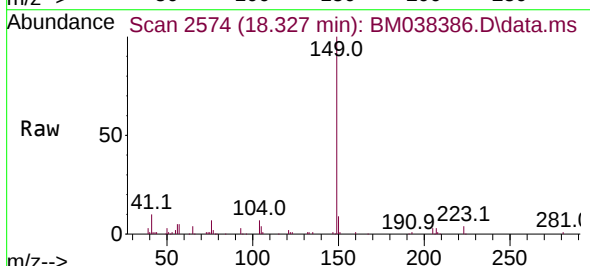
Tgt Ion:167 Resp: 66818
 Ion Ratio Lower Upper
 167 100
 166 22.9 17.8 26.8
 139 12.4 10.2 15.2

Manual Integrations
 APPROVED

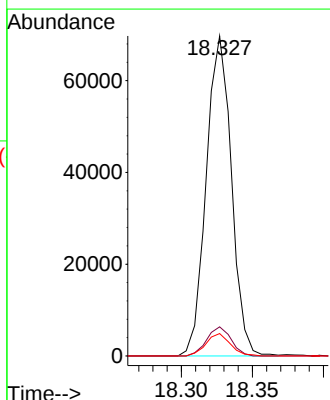
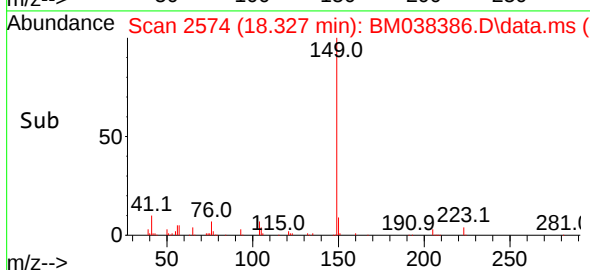
Reviewed By :Jagrut Upadhyay 01/09/2023
 Supervised By :mohammad ahmed 01/09/2023

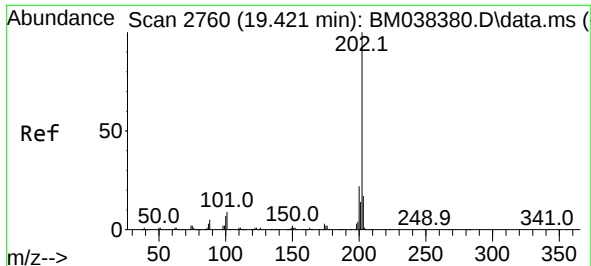


#78
 Di-n-butylphthalate
 Concen: 3.628 ng/ul
 RT: 18.327 min Scan# 2574
 Delta R.T. -0.000 min
 Lab File: BM038386.D
 Acq: 06 Jan 2023 13:20



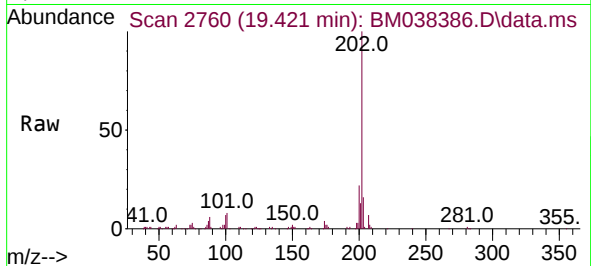
Tgt Ion:149 Resp: 85997
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.4 11.0
 104 7.0 4.8 7.2





#80
Fluoranthene
Concen: 3.749 ng/ul
RT: 19.421 min Scan# 2760
Delta R.T. -0.006 min
Lab File: BM038386.D
Acq: 06 Jan 2023 13:20

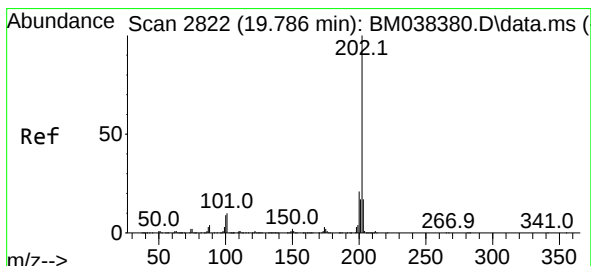
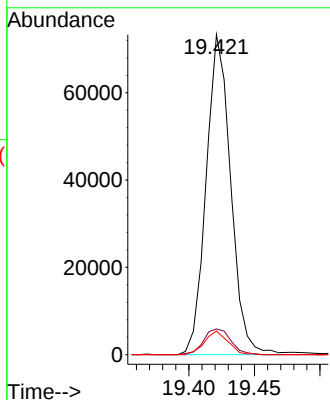
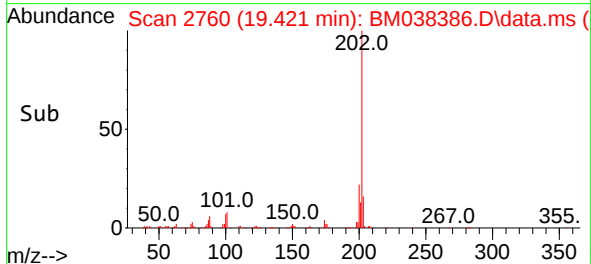
Instrument : BNA_M
ClientSampleId : MDL-MED-SOIL-QT4-2022-08



Tgt Ion:202 Resp: 95410
Ion Ratio Lower Upper
202 100
101 8.0 7.0 10.6
100 7.4 5.8 8.8

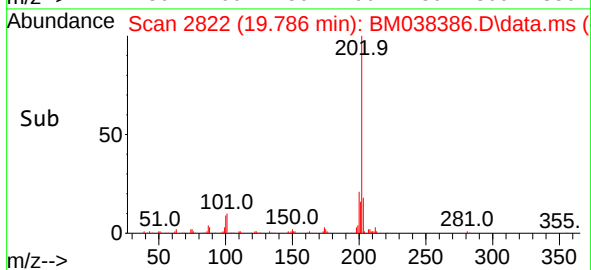
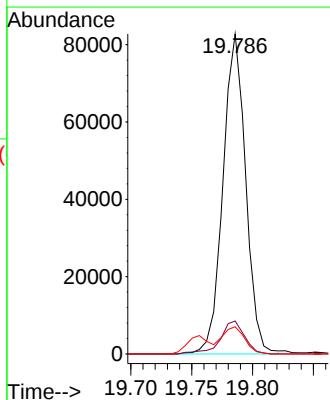
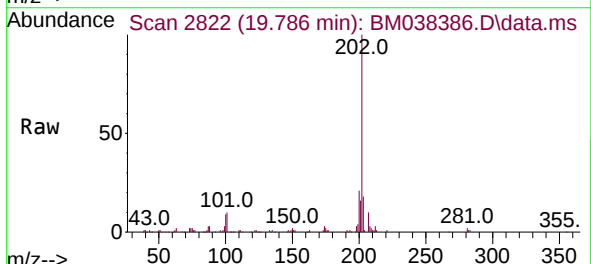
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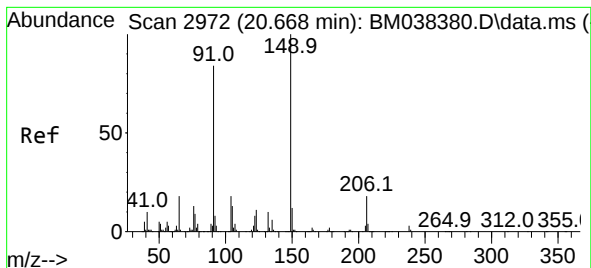
Reviewed By :Jagrut Upadhyay 01/09/2023
Supervised By :mohammad ahmed 01/09/2023



#82
Pyrene
Concen: 3.880 ng/ul
RT: 19.786 min Scan# 2822
Delta R.T. -0.000 min
Lab File: BM038386.D
Acq: 06 Jan 2023 13:20

Tgt Ion:202 Resp: 107614
Ion Ratio Lower Upper
202 100
101 10.3 8.6 13.0
100 8.5 7.4 11.0





#83

Butylbenzylphthalate

Concen: 3.662 ng/ul

RT: 20.668 min Scan# 2972

Delta R.T. -0.006 min

Lab File: BM038386.D

Acq: 06 Jan 2023 13:20

Instrument :

BNA_M

ClientSampleId :

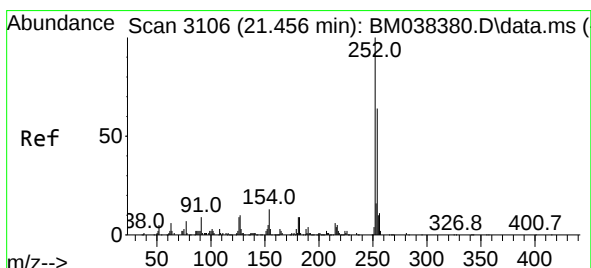
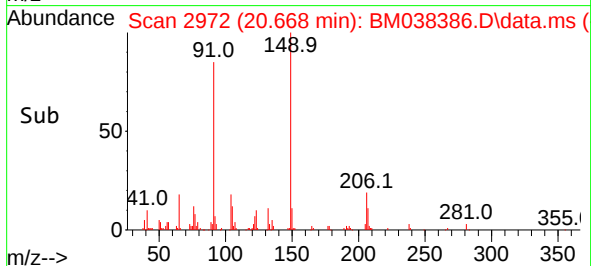
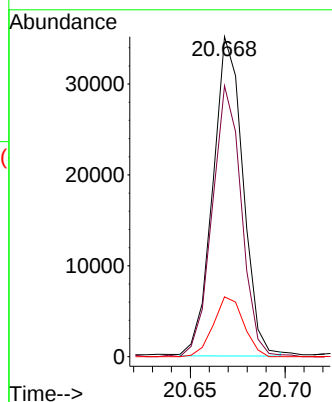
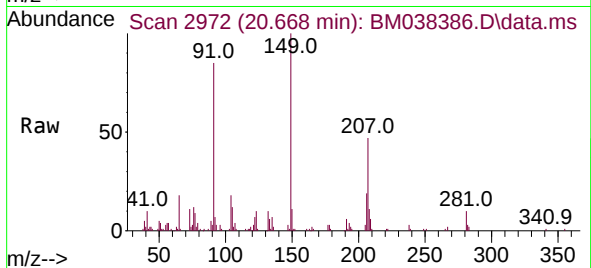
MDL-MED-SOIL-QT4-2022-08

Tgt Ion:	149	Resp:	38950
Ion Ratio	Lower	Upper	
149	100		
91	84.7	65.0	97.6
206	18.7	16.0	24.0

Manual Integrations

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Reviewed By :Jagrut Upadhyay 01/09/2023
Supervised By :mohammad ahmed 01/09/2023



#84

3,3'-Dichlorobenzidine

Concen: 4.079 ng/ul

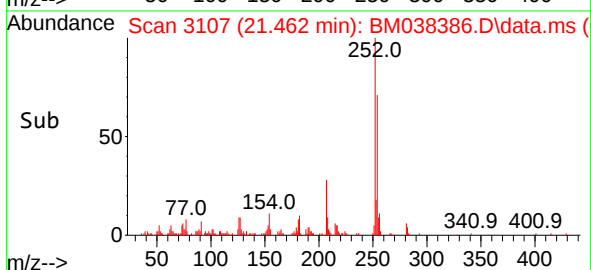
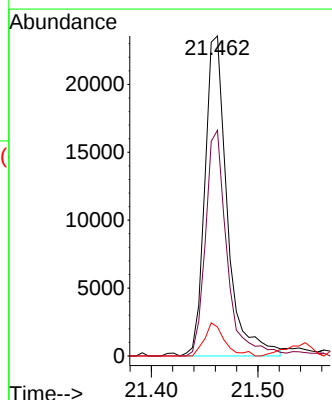
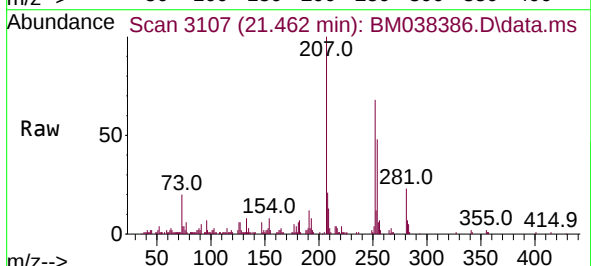
RT: 21.462 min Scan# 3107

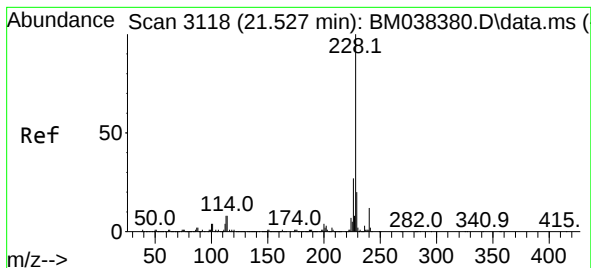
Delta R.T. -0.000 min

Lab File: BM038386.D

Acq: 06 Jan 2023 13:20

Tgt Ion:	252	Resp:	34399
Ion Ratio	Lower	Upper	
252	100		
254	70.5	52.1	78.1
126	9.0	6.4	9.6





#85

Benzo(a)anthracene

Concen: 3.748 ng/ul

RT: 21.527 min Scan# 3118

Delta R.T. -0.000 min

Lab File: BM038386.D

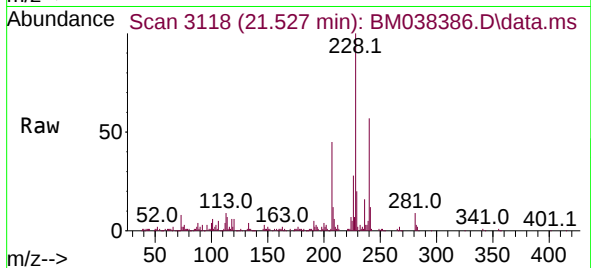
Acq: 06 Jan 2023 13:20

Instrument :

BNA_M

ClientSampleId :

MDL-MED-SOIL-QT4-2022-08



Tgt Ion:228 Resp: 107880

Ion Ratio Lower Upper

228 100

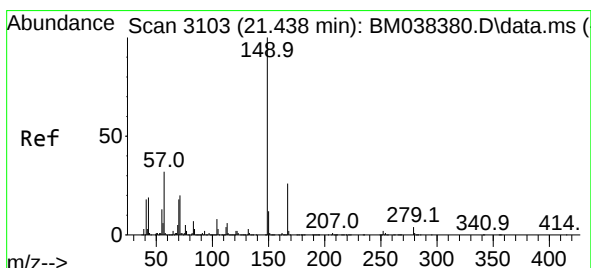
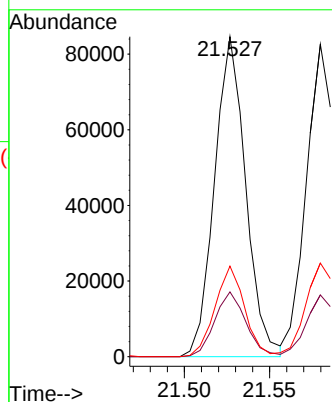
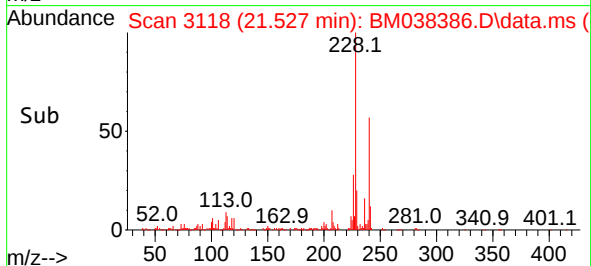
229 20.2 15.6 23.4

226 28.3 21.1 31.7

Manual Integrations

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Reviewed By :Jagrut Upadhyay 01/09/2023
Supervised By :mohammad ahmed 01/09/2023



#86

Bis(2-ethylhexyl)phthalate

Concen: 3.617 ng/ul

RT: 21.439 min Scan# 3103

Delta R.T. -0.000 min

Lab File: BM038386.D

Acq: 06 Jan 2023 13:20

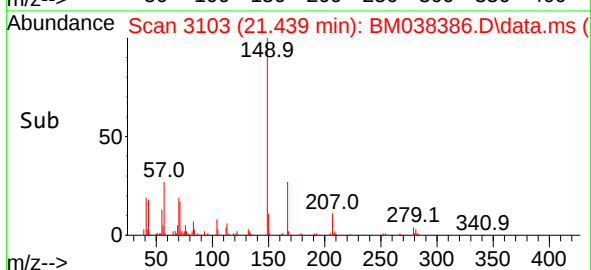
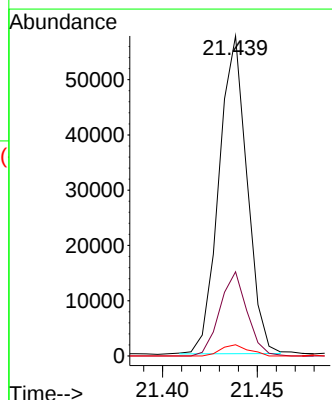
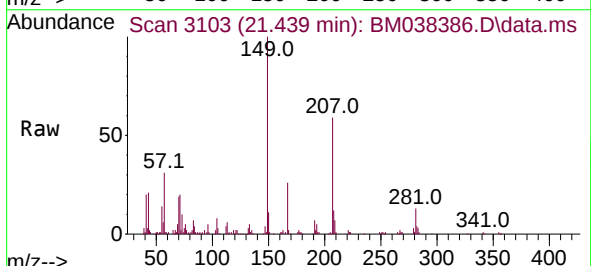
Tgt Ion:149 Resp: 59383

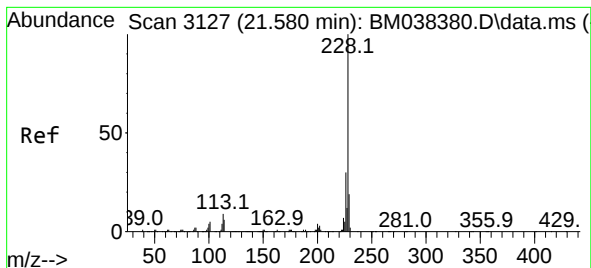
Ion Ratio Lower Upper

149 100

167 26.3 19.7 29.5

279 3.5 2.8 4.2





#87

Chrysene

Concen: 3.829 ng/ul

RT: 21.580 min Scan# 3127

Delta R.T. -0.000 min

Lab File: BM038386.D

Acq: 06 Jan 2023 13:20

Instrument :

BNA_M

ClientSampleId :

MDL-MED-SOIL-QT4-2022-08

Tgt Ion:228 Resp: 10586

Ion Ratio Lower Upper

228 100

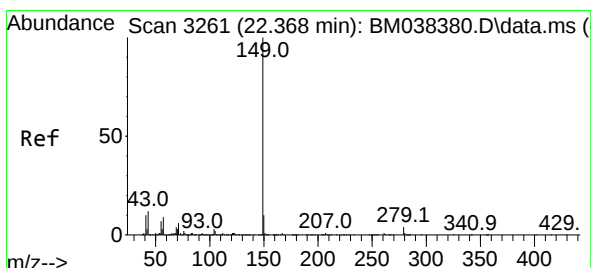
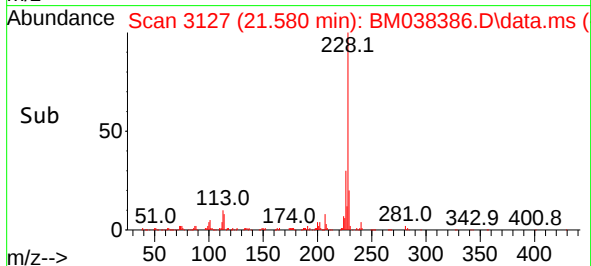
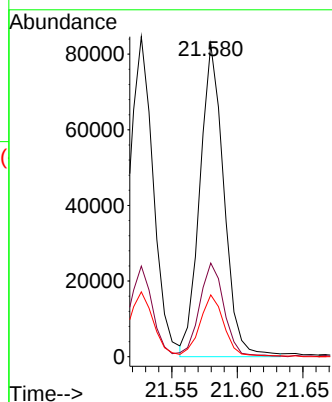
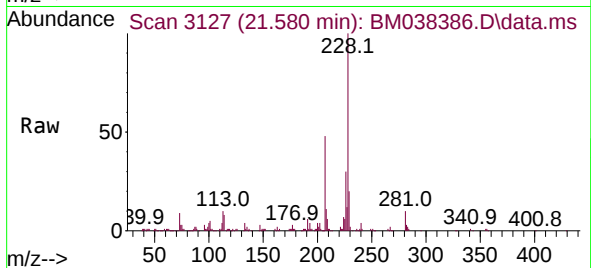
226 30.0 24.0 36.0

229 19.8 15.4 23.0

Manual Integrations

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Reviewed By :Jagrut Upadhyay 01/09/2023
Supervised By :mohammad ahmed 01/09/2023



#89

Di-n-octyl phthalate

Concen: 3.115 ng/ul

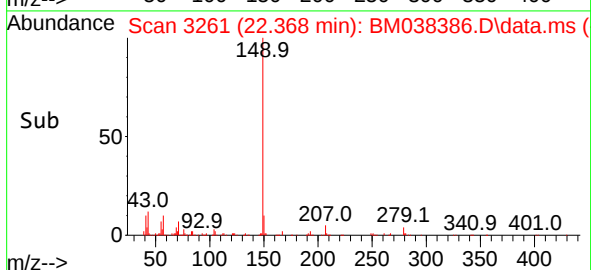
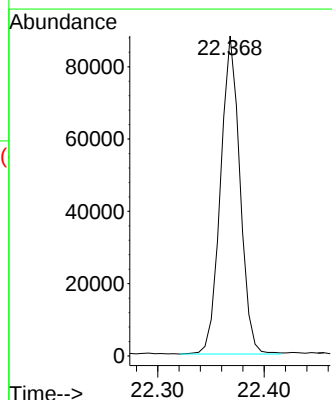
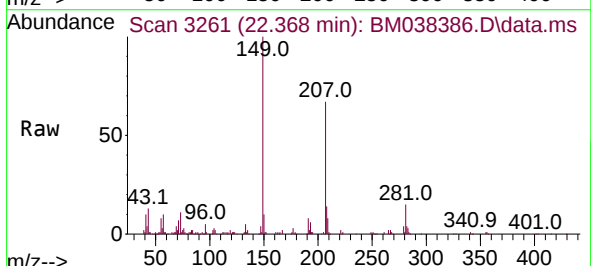
RT: 22.368 min Scan# 3261

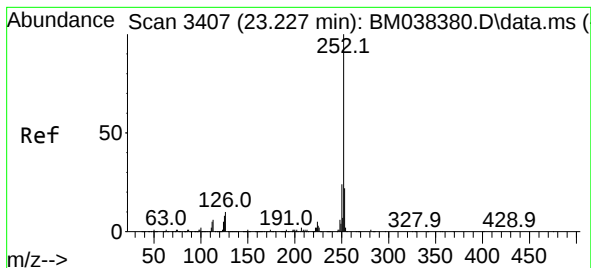
Delta R.T. -0.000 min

Lab File: BM038386.D

Acq: 06 Jan 2023 13:20

Tgt Ion:149 Resp: 111262





#90

Benzo(b)fluoranthene

Concen: 3.715 ng/ul

RT: 23.227 min Scan# 3407

Delta R.T. -0.006 min

Lab File: BM038386.D

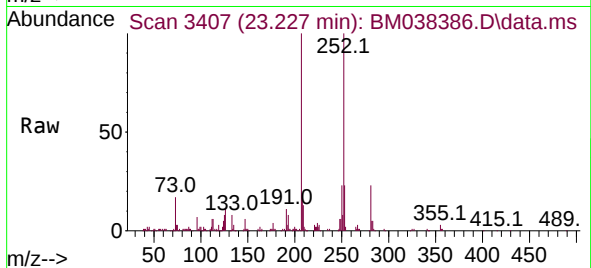
Acq: 06 Jan 2023 13:20

Instrument :

BNA_M

ClientSampleId :

MDL-MED-SOIL-QT4-2022-08



Tgt Ion:252 Resp: 117364

Ion Ratio Lower Upper

252 100

253 22.9 17.8 26.6

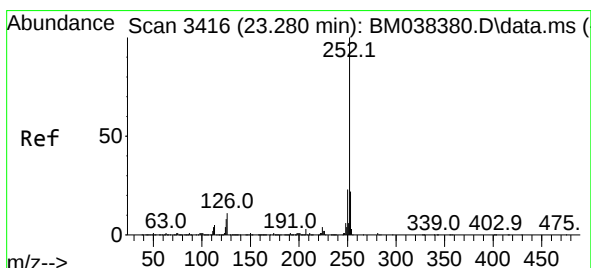
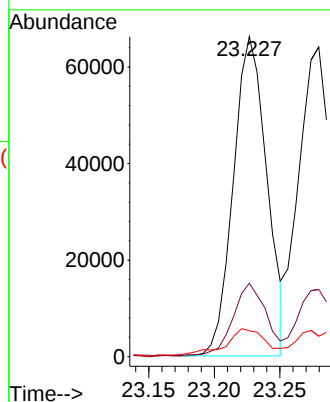
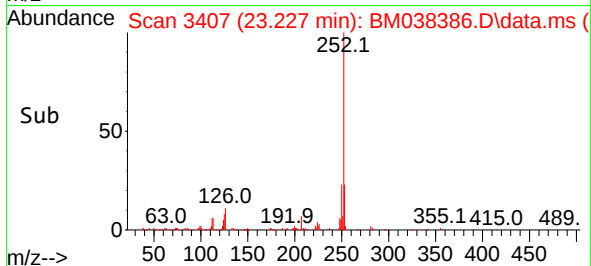
125 8.1 6.6 10.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 01/09/2023

Supervised By :mohammad ahmed 01/09/2023



#91

Benzo(k)fluoranthene

Concen: 3.522 ng/ul

RT: 23.280 min Scan# 3416

Delta R.T. -0.000 min

Lab File: BM038386.D

Acq: 06 Jan 2023 13:20

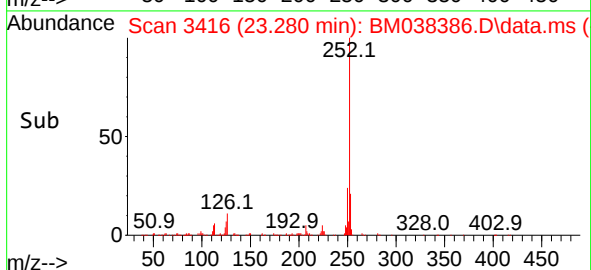
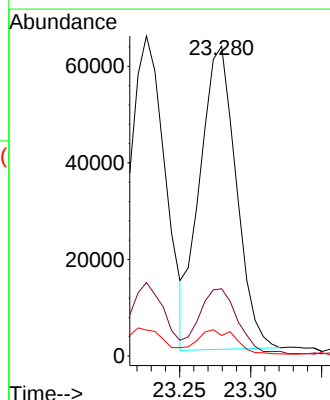
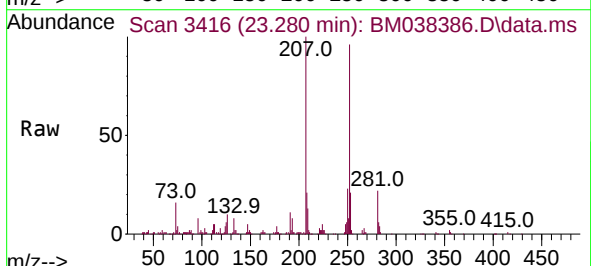
Tgt Ion:252 Resp: 111744

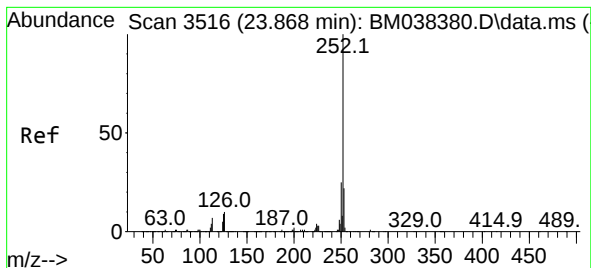
Ion Ratio Lower Upper

252 100

253 21.7 17.8 26.6

125 6.6 6.3 9.5





#93

Benzo(a)pyrene

Concen: 3.961 ng/ul

RT: 23.868 min Scan# 3516

Delta R.T. -0.000 min

Lab File: BM038386.D

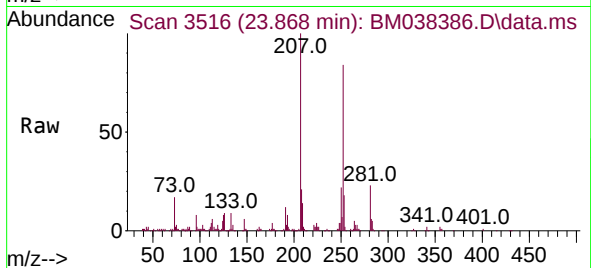
Acq: 06 Jan 2023 13:20

Instrument :

BNA_M

ClientSampleId :

MDL-MED-SOIL-QT4-2022-08



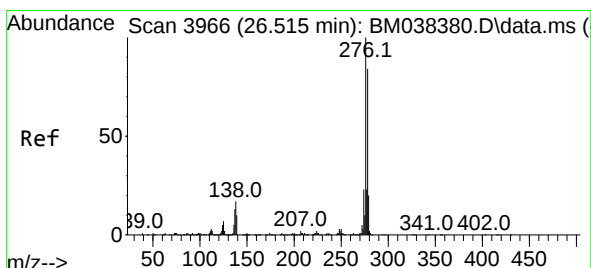
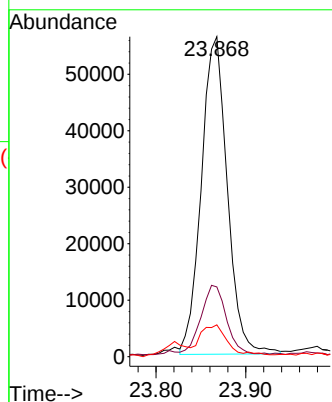
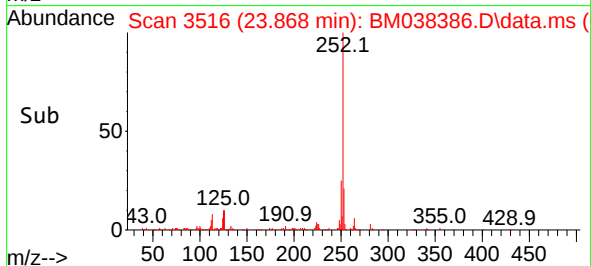
Tgt Ion: 252 Resp: 113258

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.7	26.5
125	10.0	7.4	11.0

Manual Integrations

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Reviewed By :Jagrut Upadhyay 01/09/2023
Supervised By :mohammad ahmed 01/09/2023



#94

Indeno(1,2,3-cd)pyrene

Concen: 4.111 ng/ul

RT: 26.509 min Scan# 3965

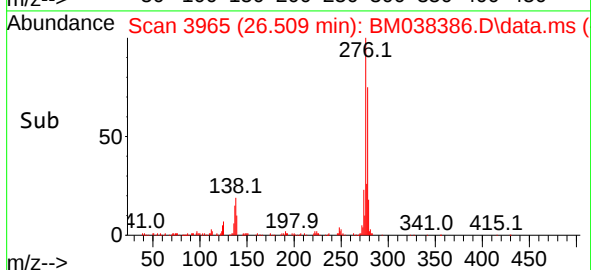
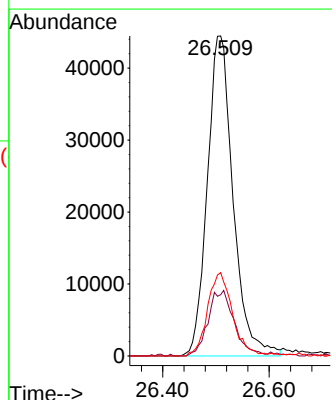
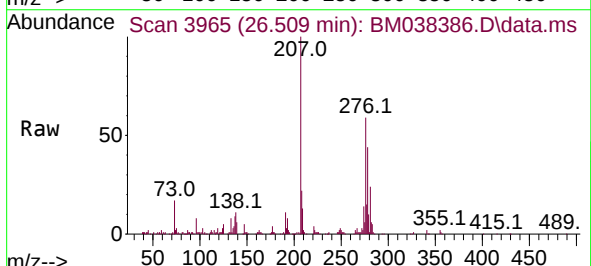
Delta R.T. -0.006 min

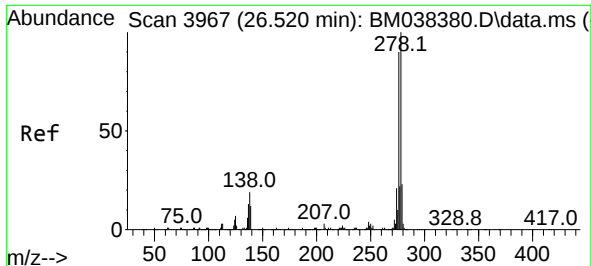
Lab File: BM038386.D

Acq: 06 Jan 2023 13:20

Tgt Ion: 276 Resp: 149391

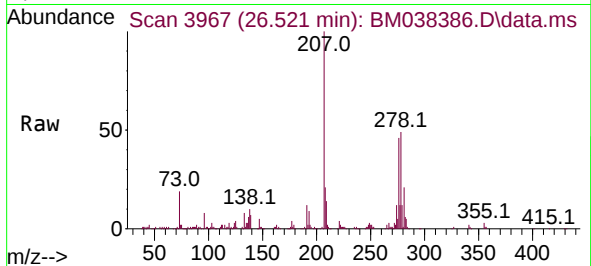
Ion	Ratio	Lower	Upper
276	100		
138	19.2	15.7	23.5
277	26.0	20.2	30.4





#95
Dibenzo(a,h)anthracene
Concen: 4.035 ng/ul
RT: 26.521 min Scan# 3967
Delta R.T. -0.006 min
Lab File: BM038386.D
Acq: 06 Jan 2023 13:20

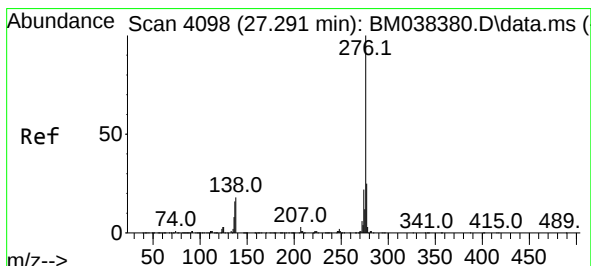
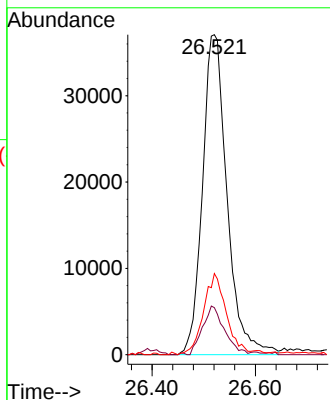
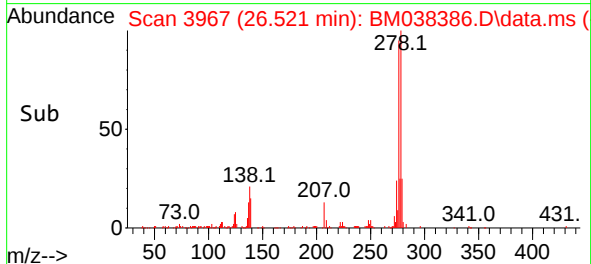
Instrument :
BNA_M
ClientSampleId :
MDL-MED-SOIL-QT4-2022-08



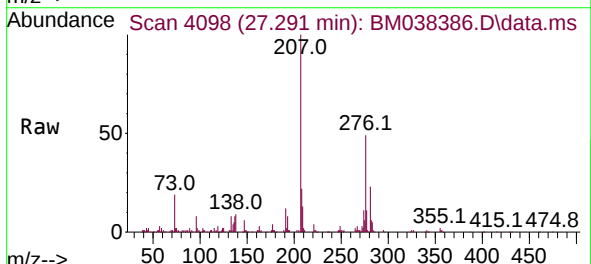
Tgt Ion:278 Resp: 122369
Ion Ratio Lower Upper
278 100
139 14.7 10.0 15.0
279 25.3 18.9 28.3

Manual Integrations
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Reviewed By :Jagrut Upadhyay 01/09/2023
Supervised By :mohammad ahmed 01/09/2023



#96
Benzo(g,h,i)perylene
Concen: 4.194 ng/ul
RT: 27.291 min Scan# 4098
Delta R.T. -0.006 min
Lab File: BM038386.D
Acq: 06 Jan 2023 13:20



Tgt Ion:276 Resp: 124771
Ion Ratio Lower Upper
276 100
138 18.1 13.8 20.6
277 23.0 18.6 28.0

