

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102023\
 Data File : BP017743.D
 Acq On : 20 Oct 2023 16:07
 Operator : MA/JU
 Sample : 04696-05
 Misc : SFAM-MDL-ME-SOIL-01
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MDL-MED-SOIL-QT4-2023-07

Quant Time: Oct 20 17:27:56 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101823.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 19 01:32:15 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/23/2023
 Supervised By :mohammad ahmed 10/23/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.887	152	109037	20.000	ng/u1	0.00
20) Naphthalene-d8	10.716	136	430879	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.587	164	268343	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.375	188	575248	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.522	240	489623	20.000	ng/u1	0.00
88) Perylene-d12	24.080	264	470894	20.000	ng/u1	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.258	96	17194	5.866	ng/uL	0.00
4) Pyridine-d5	3.693	84	199179	25.956	ng/u1	0.00
7) Phenol-d5	7.046	99	222478	24.520	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.234	67	148649	26.527	ng/u1	0.00
11) 2-Chlorophenol-d4	7.405	132	178255	24.087	ng/u1	0.00
15) 4-Methylphenol-d8	8.610	113	169261	23.755	ng/u1	0.00
21) Nitrobenzene-d5	9.093	128	81204	23.258	ng/u1	0.00
24) 2-Nitrophenol-d4	9.810	143	87222	22.610	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.340	165	163061	21.548	ng/u1	0.00
31) 4-Chloroaniline-d4	10.893	131	210994	21.305	ng/u1	0.00
46) Dimethylphthalate-d6	14.004	166	524701	23.293	ng/u1	0.00
49) Acenaphthylene-d8	14.281	160	581858	23.161	ng/u1	0.00
54) 4-Nitrophenol-d4	14.834	143	50726	15.804	ng/u1	0.00
60) Fluorene-d10	15.592	176	463772	23.817	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.740	200	65462	17.276	ng/u1	0.00
73) Anthracene-d10	17.481	188	664490	22.604	ng/u1	0.00
81) Pyrene-d10	19.739	212	776757	25.304	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.910	264	661719	25.230	ng/u1	0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.293	88	3206	1.031	ng/uL	99
5) Pyridine	3.717	79	31841	4.050	ng/u1#	69
6) Benzaldehyde	7.052	77	25290	5.181	ng/u1	90
8) Phenol	7.075	94	43158	4.824	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.328	93	36297	4.863	ng/u1	99
12) 2-Chlorophenol	7.440	128	35297	4.749	ng/u1	95
13) 2-Methylphenol	8.346	108	28483	4.219	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.422	45	50341m	5.480	ng/u1	
16) Acetophenone	8.746	105	53513	4.777	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.710	70	28121	5.292	ng/u1	94
18) 4-Methylphenol	8.675	108	32240	4.496	ng/u1	96
19) Hexachloroethane	8.946	117	14553	4.261	ng/u1	86
22) Nitrobenzene	9.140	77	44291	5.095	ng/u1	99
23) Isophorone	9.652	82	70830	4.556	ng/u1	97
25) 2-Nitrophenol	9.840	139	18965	4.606	ng/u1	95
26) 2,4-Dimethylphenol	9.887	107	31291	3.872	ng/u1	91
27) Bis(2-Chloroethoxy)met...	10.140	93	48226	5.016	ng/u1	96
29) 2,4-Dichlorophenol	10.363	162	33698	4.657	ng/u1	94
30) Naphthalene	10.769	128	118392	4.775	ng/u1	98
32) 4-Chloroaniline	10.922	127	41138	4.338	ng/u1	94
33) Hexachlorobutadiene	10.993	225	22975	3.910	ng/u1	99
34) Caprolactam	11.769	113	11680	6.269	ng/u1	90
35) 4-Chloro-3-methylphenol	12.040	107	29128	4.276	ng/u1	93
36) 2-Methylnaphthalene	12.393	142	77872	4.649	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.610	142	64660	3.775	ng/ul	90
39) 1,2,4,5-Tetrachloroben...	12.746	216	41999	4.230	ng/ul	94
40) Hexachlorocyclopentadiene	12.681	237	32118	5.630	ng/ul	97
41) 2,4,6-Trichlorophenol	13.010	196	22753	3.818	ng/ul	100
42) 2,4,5-Trichlorophenol	13.093	196	23931	3.884	ng/ul	94
43) 1,1'-Biphenyl	13.410	154	105066	4.752	ng/ul	99
44) 2-Chloronaphthalene	13.457	162	83050	4.647	ng/ul	98
45) 2-Nitroaniline	13.716	65	16200	3.989	ng/ul	94
47) Dimethylphthalate	14.051	163	105370	4.746	ng/ul	98
48) 2,6-Dinitrotoluene	14.204	165	15259	3.734	ng/ul#	80
50) Acenaphthylene	14.310	152	133121	4.731	ng/ul	99
51) 3-Nitroaniline	14.557	138	12391m	3.188	ng/ul	
52) Acenaphthene	14.651	153	91017	4.785	ng/ul	99
53) 2,4-Dinitrophenol	14.769	184	12630	5.506	ng/ul	95
55) 4-Nitrophenol	14.851	109	13642m	4.015	ng/ul	
56) Dibenzofuran	14.993	168	129304	4.841	ng/ul	95
57) 2,4-Dinitrotoluene	14.998	165	25329	4.200	ng/ul#	84
58) 2,3,4,6-Tetrachlorophenol	15.216	232	21150	3.868	ng/ul#	84
59) Diethylphthalate	15.416	149	99388	4.637	ng/ul	99
61) Fluorene	15.645	166	103505	4.718	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.640	204	51067	4.379	ng/ul	92
63) 4-Nitroaniline	15.734	138	13656m	3.896	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.751	198	15427	3.801	ng/ul#	67
67) N-Nitrosodiphenylamine	15.869	169	81760	4.691	ng/ul	99
68) 4-Bromophenyl-phenylether	16.551	248	26926	4.000	ng/ul#	85
69) Hexachlorobenzene	16.628	284	30813	3.988	ng/ul#	90
70) Atrazine	16.834	200	19429	3.033	ng/ul	96
71) Pentachlorophenol	17.010	266	23839	5.132	ng/ul	91
72) Phenanthrene	17.422	178	160675	4.768	ng/ul	98
74) Anthracene	17.516	178	153138	4.487	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.363	216	32726	3.391	ng/uL	96
76) Pentachlorobenzene	14.881	250	34056	3.641	ng/uL	96
77) Carbazole	17.816	167	118198	4.098	ng/ul	99
78) Di-n-butylphthalate	18.322	149	143882	4.296	ng/ul#	98
80) Fluoranthene	19.410	202	174423	4.946	ng/ul#	96
82) Pyrene	19.769	202	194097	5.195	ng/ul	97
83) Butylbenzylphthalate	20.639	149	55344	4.306	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.457	252	39629	3.582	ng/ul	94
85) Benzo(a)anthracene	21.504	228	169335	4.549	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.380	149	73173	4.079	ng/ul#	97
87) Chrysene	21.557	228	170777	4.852	ng/ul	99
89) Di-n-octyl phthalate	22.363	149	133376	4.472	ng/ul	100
90) Benzo(b)fluoranthene	23.280	252	155552	4.854	ng/ul	98
91) Benzo(k)fluoranthene	23.333	252	152203	4.686	ng/ul	98
93) Benzo(a)pyrene	23.963	252	147877	4.915	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	26.798	276	166112	4.633	ng/ul#	94
95) Dibenzo(a,h)anthracene	26.821	278	137557	4.598	ng/ul	97
96) Benzo(g,h,i)perylene	27.645	276	138383	4.790	ng/ul#	95

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

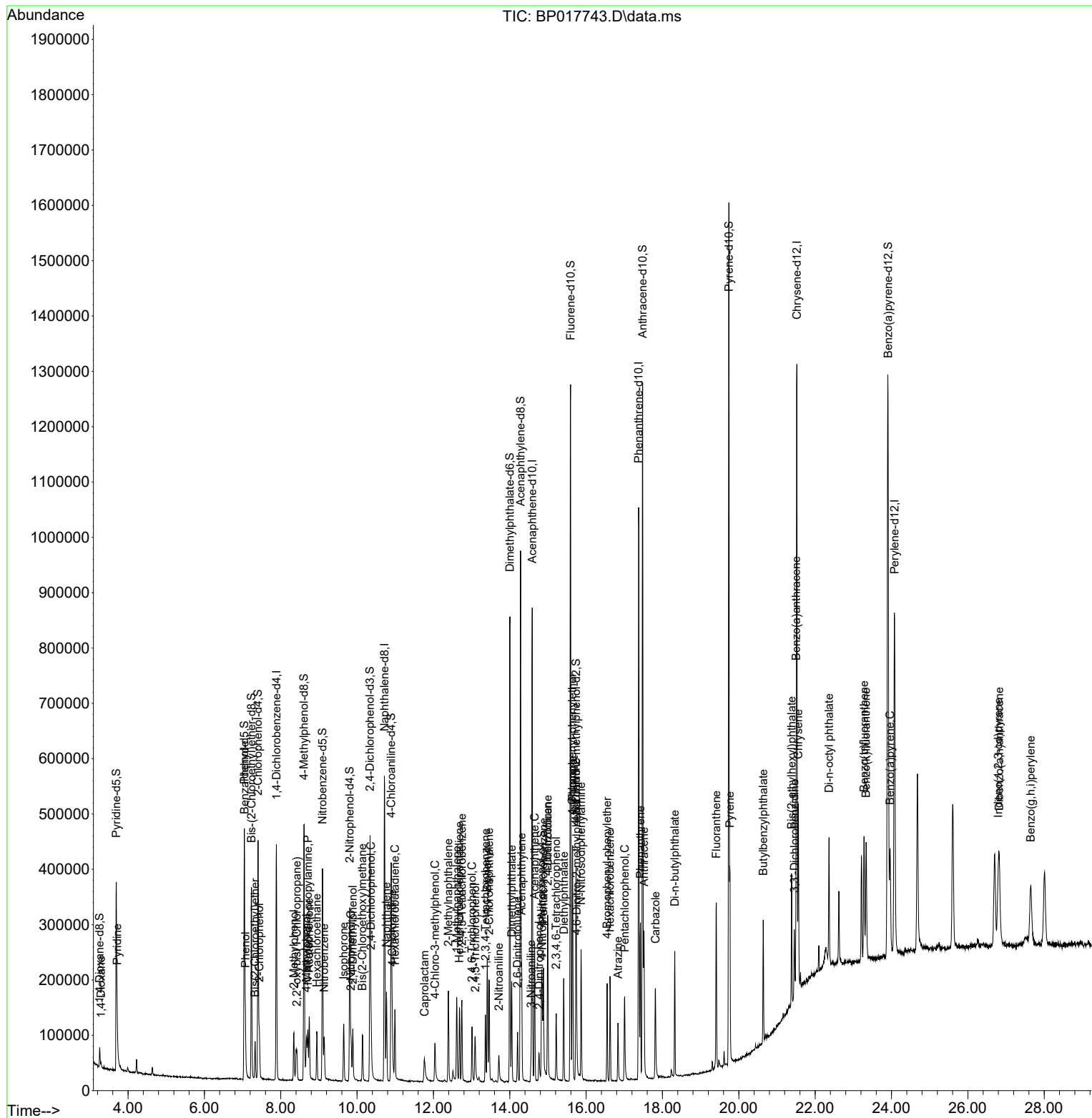
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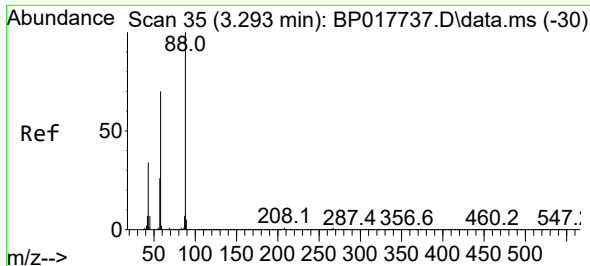
Instrument :
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 ClientSampleId :
 MDL-MED-SOIL-QT4-2023-07

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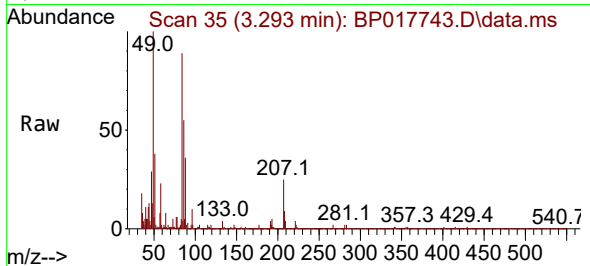
Reviewed By :Yogesh Patel 10/23/2023
 Supervised By :mohammad ahmed 10/23/2023





#2
1,4-Dioxane
Concen: 1.031 ng/uL
RT: 3.293 min Scan# 31
Delta R.T. -0.006 min
Lab File: BP017743.D
Acq: 20 Oct 2023 16:07

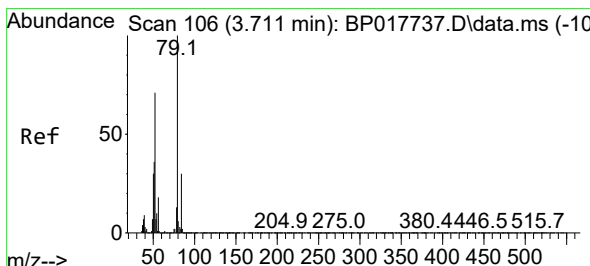
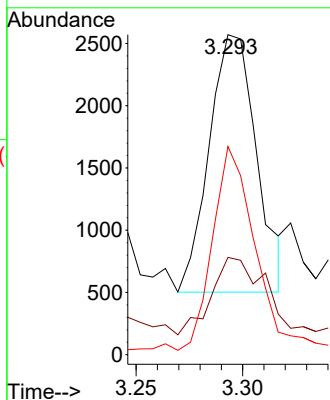
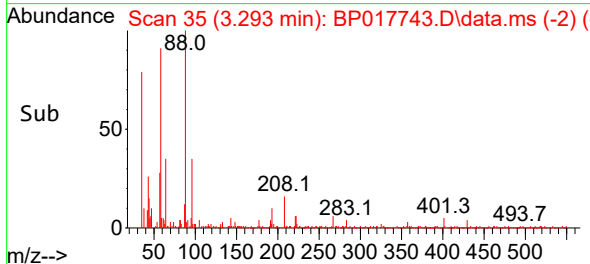
Instrument :
BNA_P
ClientSampleId :
MDL-MED-SOIL-QT4-2023-07



Tgt Ion: 88 Resp: 3200
Ion Ratio Lower Upper
88 100
43 30.4 24.4 36.6
58 65.1 53.0 79.6

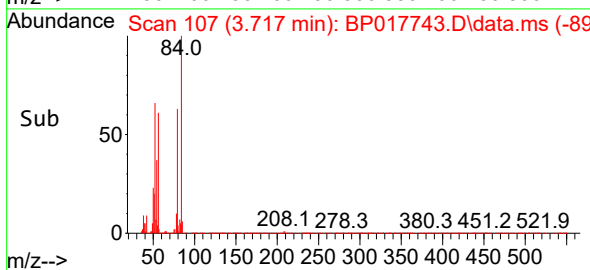
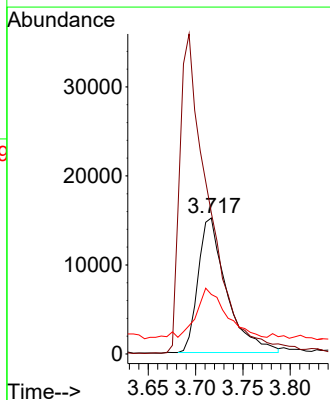
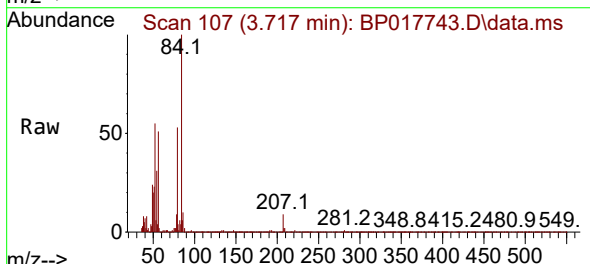
Manual Integrations
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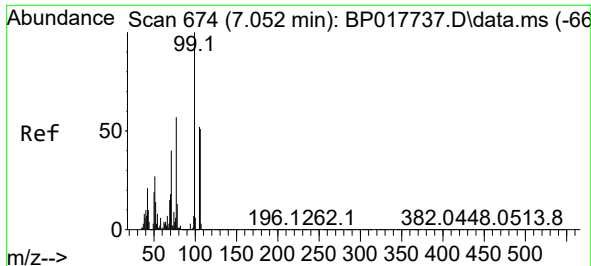
Reviewed By :Yogesh Patel 10/23/2023
Supervised By :mohammad ahmed 10/23/2023



#5
Pyridine
Concen: 4.050 ng/uL
RT: 3.717 min Scan# 107
Delta R.T. 0.006 min
Lab File: BP017743.D
Acq: 20 Oct 2023 16:07

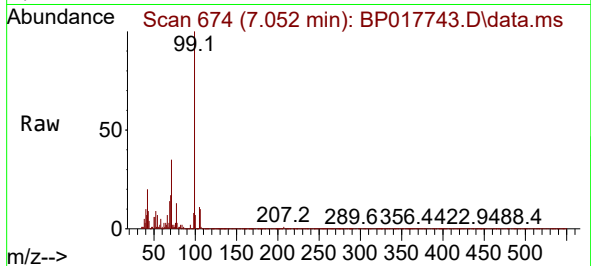
Tgt Ion: 79 Resp: 31841
Ion Ratio Lower Upper
79 100
52 103.8 57.2 85.8#
51 43.8 28.6 42.8#





#6
Benzaldehyde
Concen: 5.181 ng/ul
RT: 7.052 min Scan# 674
Delta R.T. 0.000 min
Lab File: BP017743.D
Acq: 20 Oct 2023 16:07

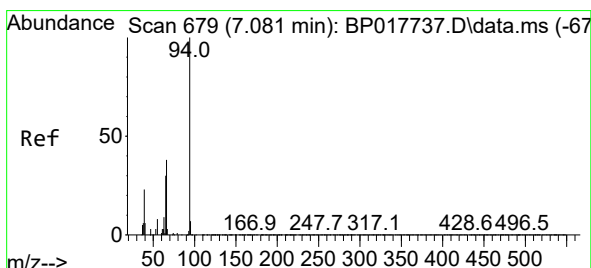
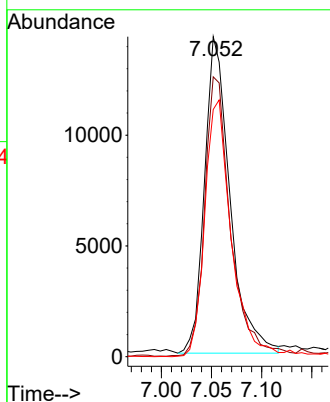
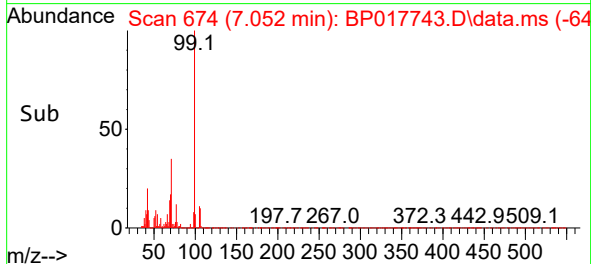
Instrument :
BNA_P
ClientSampleId :
MDL-MED-SOIL-QT4-2023-07



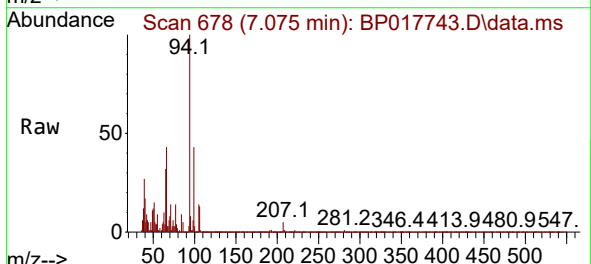
Tgt Ion: 77 Resp: 25290
Ion Ratio Lower Upper
77 100
105 87.4 75.4 113.2
106 77.3 72.3 108.5

Manual Integrations
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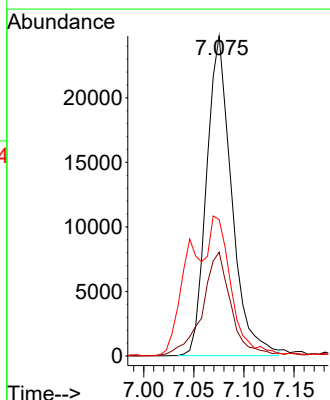
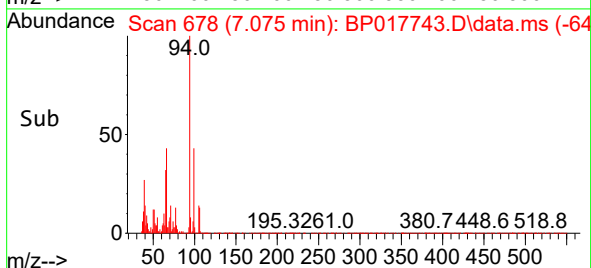
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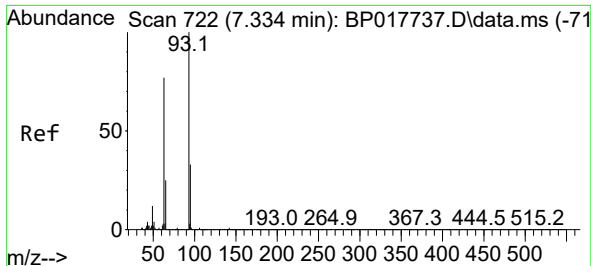


#8
Phenol
Concen: 4.824 ng/ul
RT: 7.075 min Scan# 678
Delta R.T. 0.000 min
Lab File: BP017743.D
Acq: 20 Oct 2023 16:07



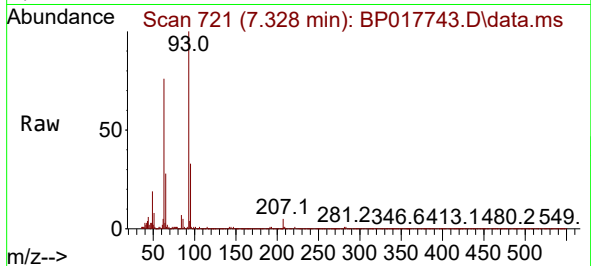
Tgt Ion: 94 Resp: 43158
Ion Ratio Lower Upper
94 100
65 32.5 25.0 37.4
66 42.6 33.0 49.6





#10
Bis(2-Chloroethyl)ether
Concen: 4.863 ng/ul
RT: 7.328 min Scan# 71
Delta R.T. 0.000 min
Lab File: BP017743.D
Acq: 20 Oct 2023 16:07

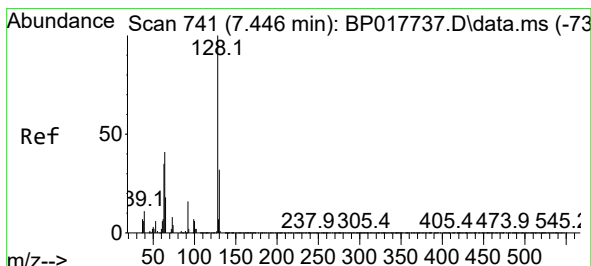
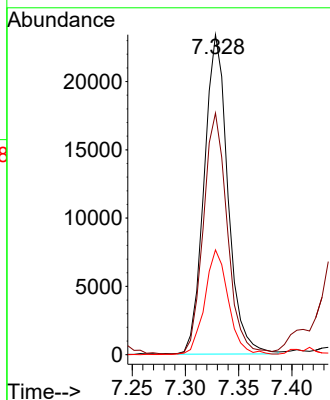
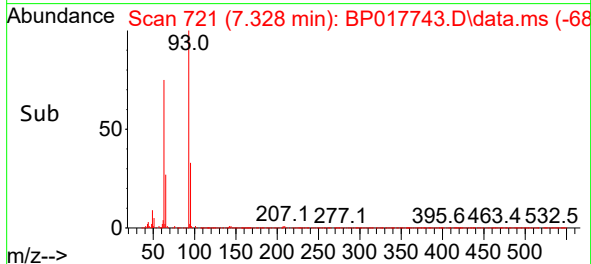
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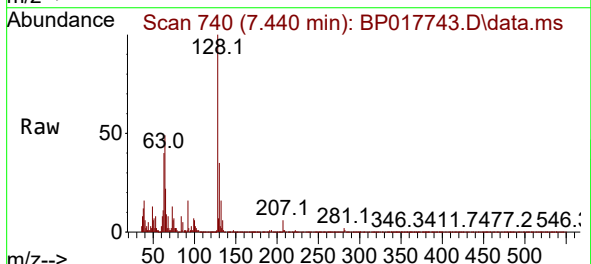
Tgt Ion: 93 Resp: 3629
Ion Ratio Lower Upper
93 100
63 75.5 60.7 91.1
95 32.8 27.8 41.6

Manual Integrations
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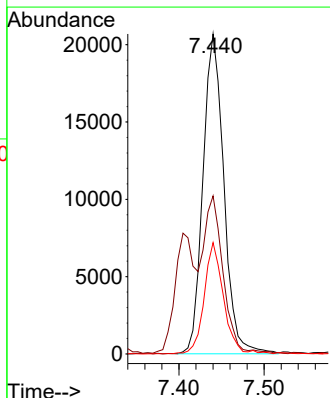
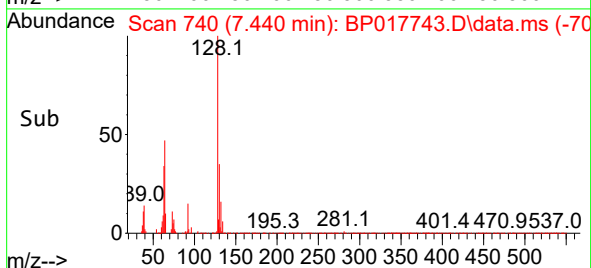
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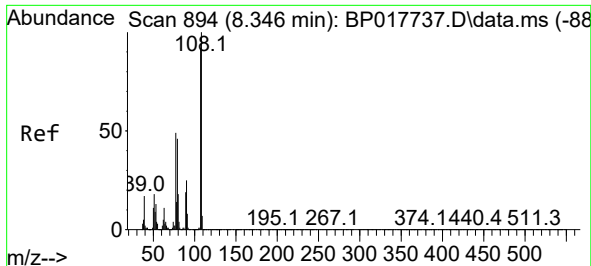


#12
2-Chlorophenol
Concen: 4.749 ng/ul
RT: 7.440 min Scan# 740
Delta R.T. 0.000 min
Lab File: BP017743.D
Acq: 20 Oct 2023 16:07



Tgt Ion:128 Resp: 35297
Ion Ratio Lower Upper
128 100
64 49.4 36.7 55.1
130 34.8 26.2 39.2





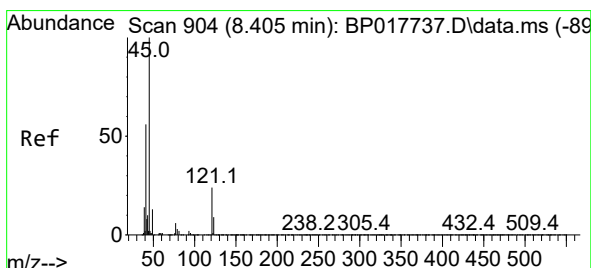
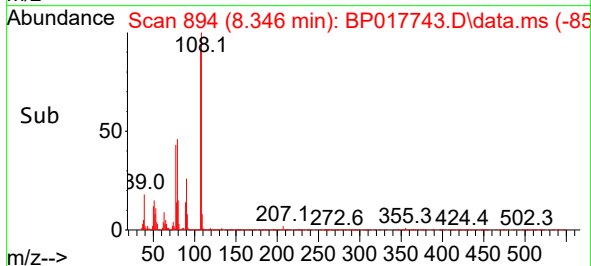
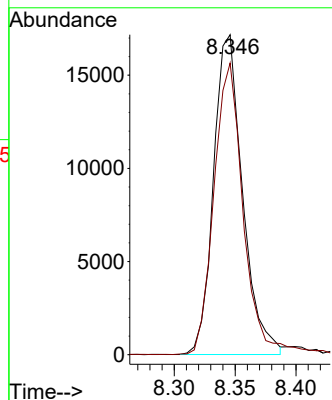
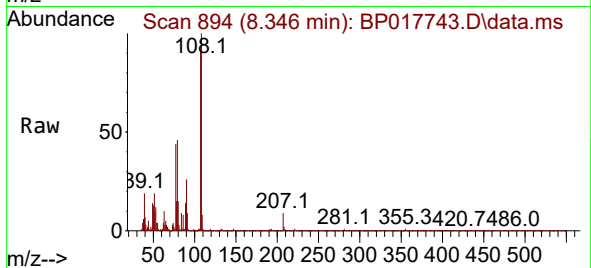
#13
2-Methylphenol
Concen: 4.219 ng/ul
RT: 8.346 min Scan# 894
Delta R.T. 0.006 min
Lab File: BP017743.D
Acq: 20 Oct 2023 16:07

Instrument :
BNA_P
ClientSampleId :
MDL-MED-SOIL-QT4-2023-07

Tgt Ion:108 Resp: 2848
Ion Ratio Lower Upper
108 100
107 91.2 73.4 110.2

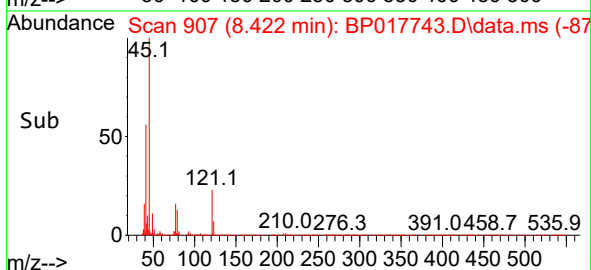
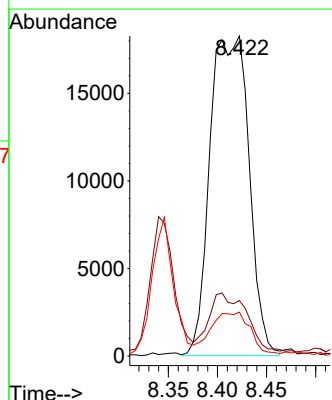
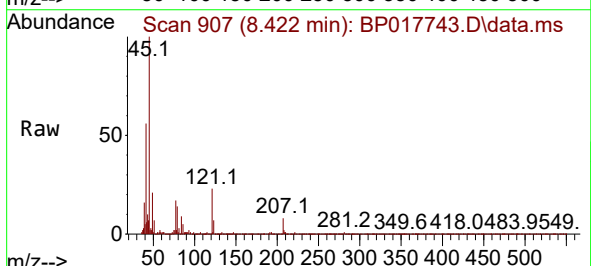
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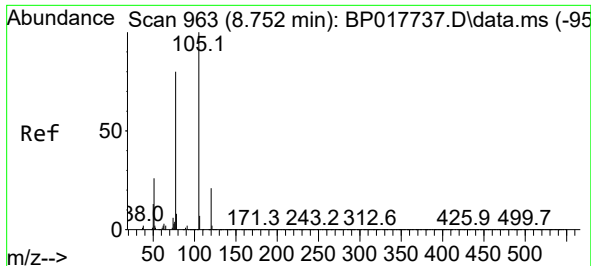
Reviewed By :Yogesh Patel 10/23/2023
Supervised By :mohammad ahmed 10/23/2023



#14
2,2'-oxybis(1-Chloropropane)
Concen: 5.480 ng/ul m
RT: 8.422 min Scan# 907
Delta R.T. 0.018 min
Lab File: BP017743.D
Acq: 20 Oct 2023 16:07

Tgt Ion: 45 Resp: 50341
Ion Ratio Lower Upper
45 100
77 17.3 14.2 21.4
79 13.7 10.3 15.5





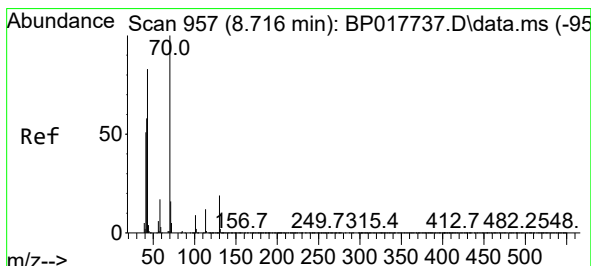
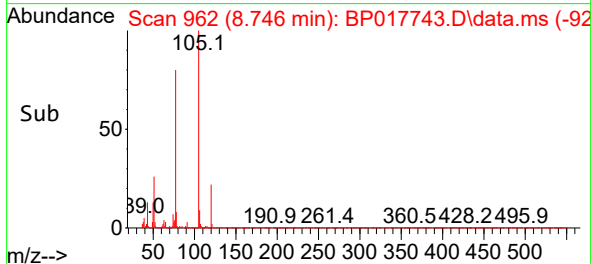
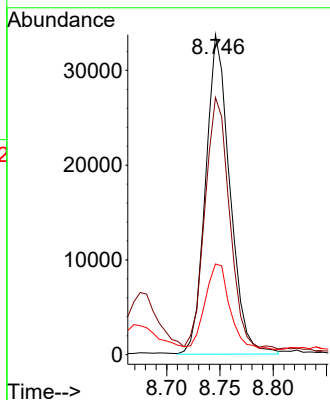
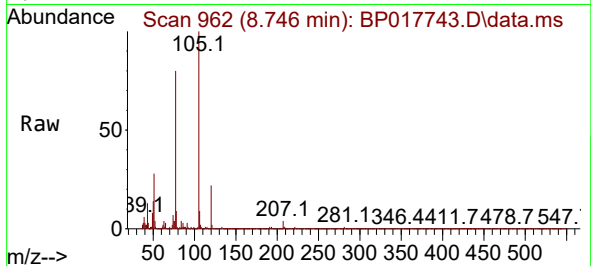
#16
Acetophenone
Concen: 4.777 ng/ul
RT: 8.746 min Scan# 90
Delta R.T. 0.000 min
Lab File: BP017743.D
Acq: 20 Oct 2023 16:07

Instrument :
BNA_P
ClientSampleId :
MDL-MED-SOIL-QT4-2023-07

Tgt Ion:	105	Resp:	5351
Ion Ratio	Lower	Upper	
105	100		
77	80.4	64.4	96.6
51	28.4	21.2	31.8

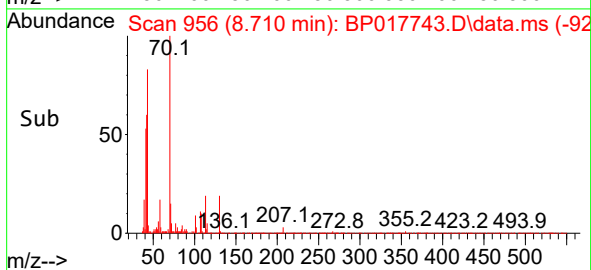
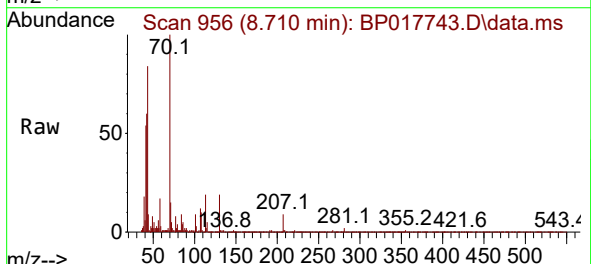
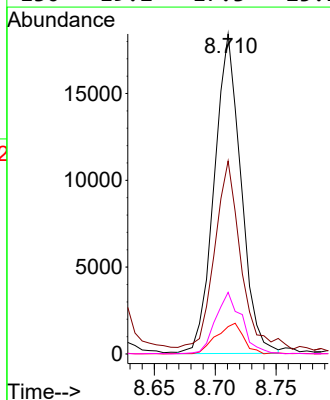
Manual Integrations
APPROVED

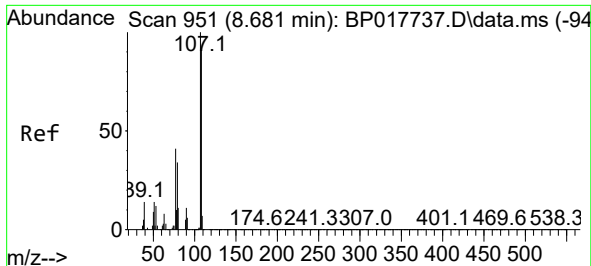
Reviewed By :Yogesh Patel 10/23/2023
Supervised By :mohammad ahmed 10/23/2023



#17
N-Nitroso-di-n-propylamine
Concen: 5.292 ng/ul
RT: 8.710 min Scan# 956
Delta R.T. -0.006 min
Lab File: BP017743.D
Acq: 20 Oct 2023 16:07

Tgt Ion:	70	Resp:	28121
Ion Ratio	Lower	Upper	
70	100		
42	60.3	44.6	66.8
101	8.6	7.5	11.3
130	19.2	17.3	25.9





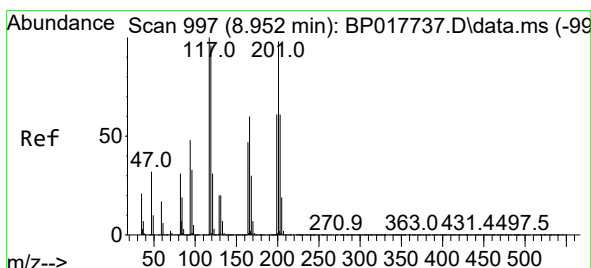
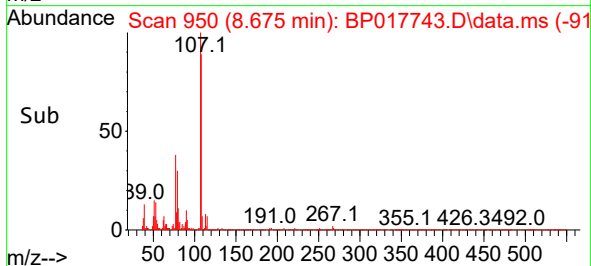
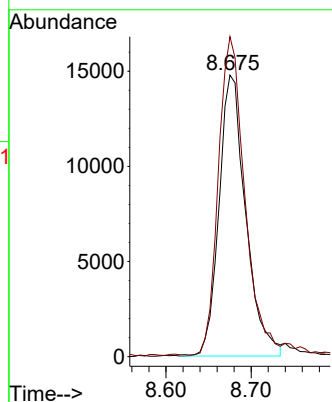
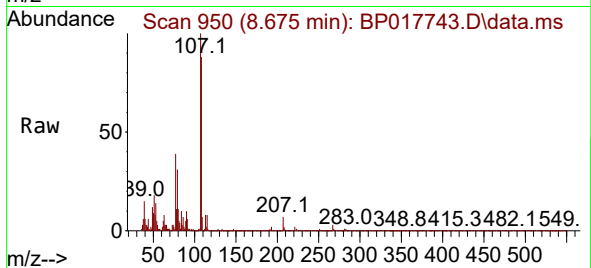
#18
4-Methylphenol
Concen: 4.496 ng/ul
RT: 8.675 min Scan# 91
Delta R.T. 0.000 min
Lab File: BP017743.D
Acq: 20 Oct 2023 16:07

Instrument :
BNA_P
ClientSampleId :
MDL-MED-SOIL-QT4-2023-07

Tgt Ion:108 Resp: 32240
Ion Ratio Lower Upper
108 100
107 113.7 87.5 131.3

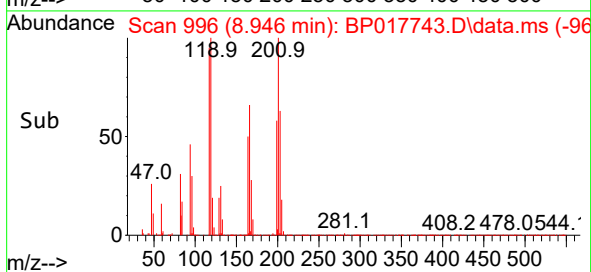
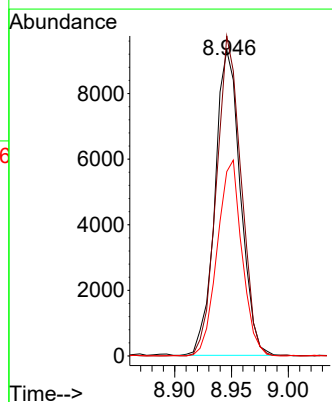
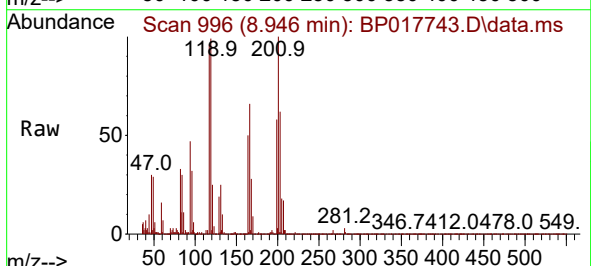
Manual Integrations
APPROVED

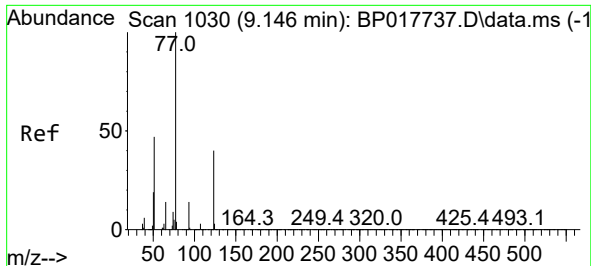
Reviewed By :Yogesh Patel 10/23/2023
Supervised By :mohammad ahmed 10/23/2023



#19
Hexachloroethane
Concen: 4.261 ng/ul
RT: 8.946 min Scan# 996
Delta R.T. -0.006 min
Lab File: BP017743.D
Acq: 20 Oct 2023 16:07

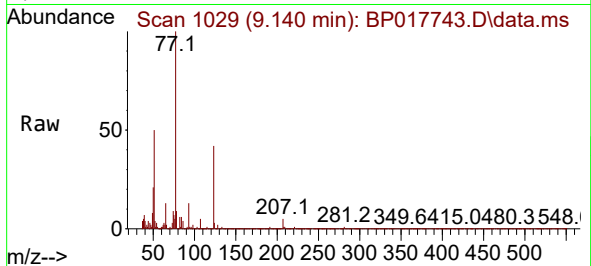
Tgt Ion:117 Resp: 14553
Ion Ratio Lower Upper
117 100
201 104.7 96.3 144.5
199 60.3 57.7 86.5





#22
Nitrobenzene
Concen: 5.095 ng/ul
RT: 9.140 min Scan# 1030
Delta R.T. 0.000 min
Lab File: BP017743.D
Acq: 20 Oct 2023 16:07

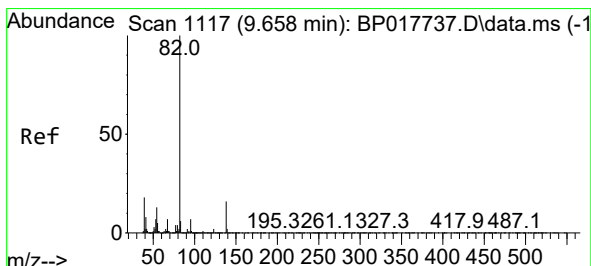
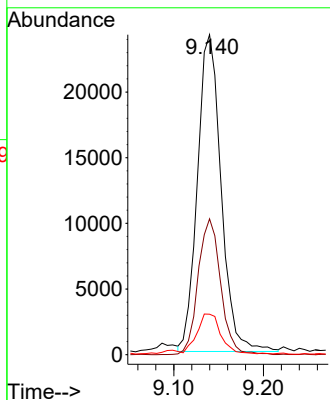
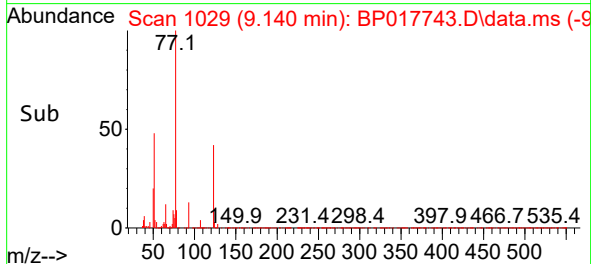
Instrument :
BNA_P
ClientSampleId :
MDL-MED-SOIL-QT4-2023-07



Tgt Ion: 77 Resp: 4429
Ion Ratio Lower Upper
77 100
123 42.4 33.5 50.3
65 12.6 10.8 16.2

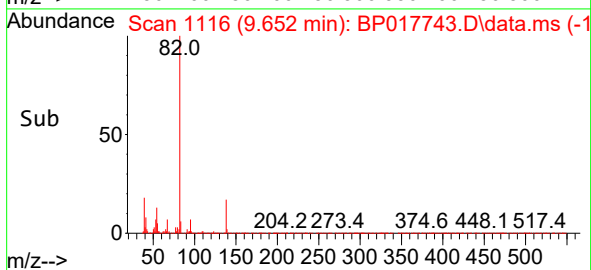
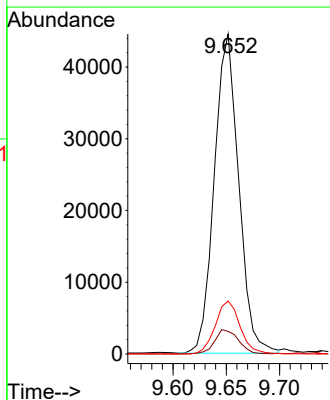
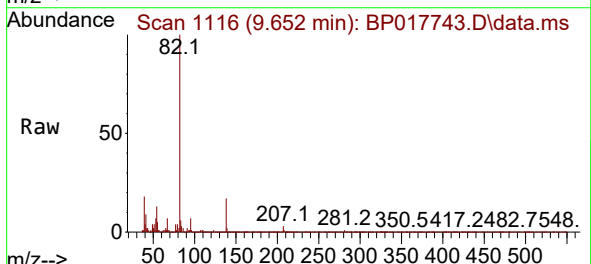
Manual Integrations
APPROVED

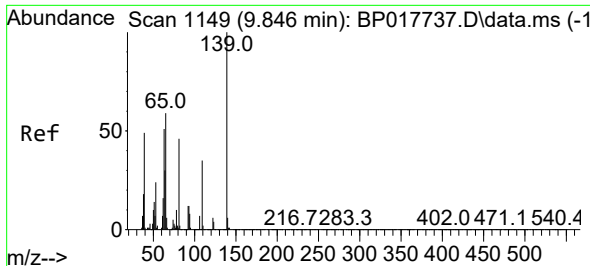
Reviewed By :Yogesh Patel 10/23/2023
Supervised By :mohammad ahmed 10/23/2023



#23
Isophorone
Concen: 4.556 ng/ul
RT: 9.652 min Scan# 1116
Delta R.T. 0.000 min
Lab File: BP017743.D
Acq: 20 Oct 2023 16:07

Tgt Ion: 82 Resp: 70830
Ion Ratio Lower Upper
82 100
95 7.0 6.2 9.2
138 16.6 14.4 21.6





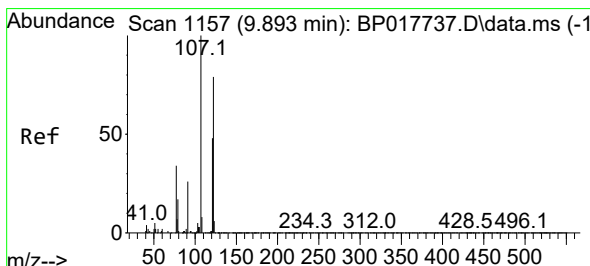
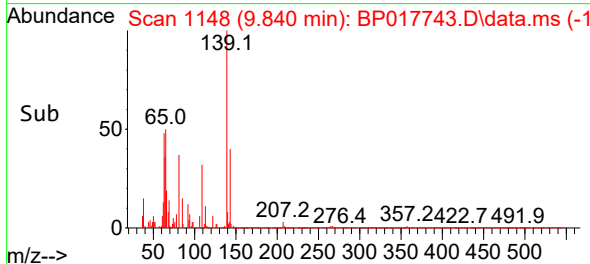
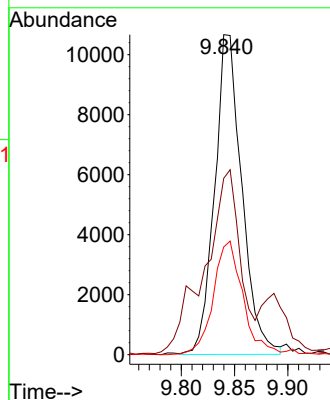
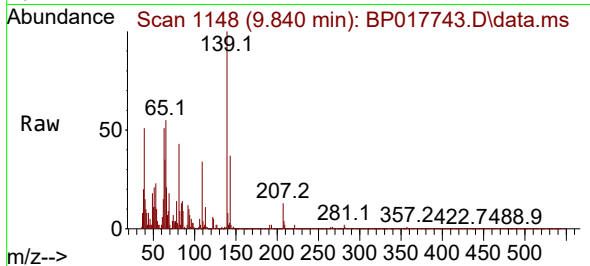
#25
2-Nitrophenol
Concen: 4.606 ng/ul
RT: 9.840 min Scan# 1149
Delta R.T. -0.006 min
Lab File: BP017743.D
Acq: 20 Oct 2023 16:07

Instrument :
BNA_P
ClientSampleId :
MDL-MED-SOIL-QT4-2023-07

Tgt Ion:139 Resp: 1896
Ion Ratio Lower Upper
139 100
65 55.1 40.4 60.6
109 33.7 25.4 38.2

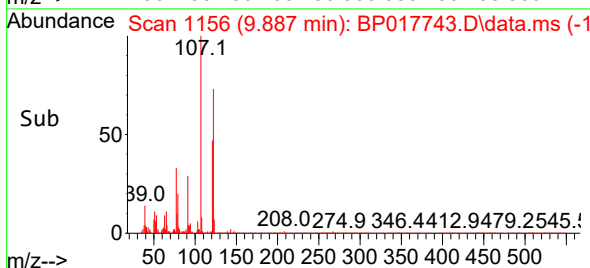
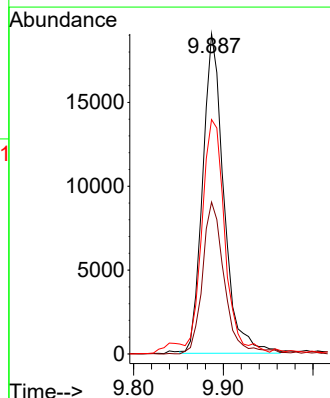
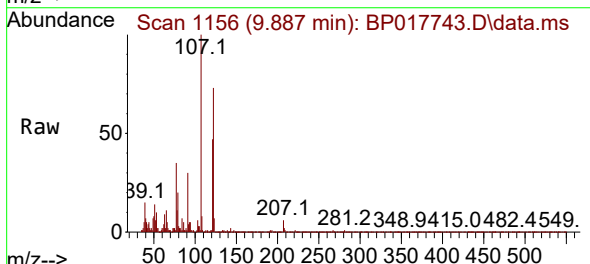
Manual Integrations
APPROVED

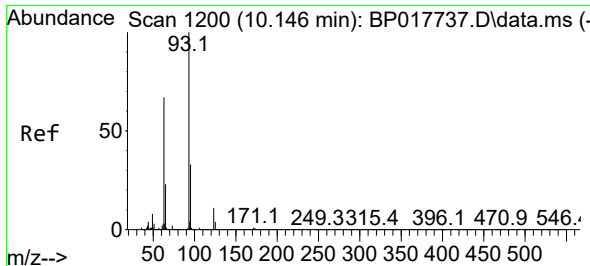
Reviewed By :Yogesh Patel 10/23/2023
Supervised By :mohammad ahmed 10/23/2023



#26
2,4-Dimethylphenol
Concen: 3.872 ng/ul
RT: 9.887 min Scan# 1156
Delta R.T. 0.000 min
Lab File: BP017743.D
Acq: 20 Oct 2023 16:07

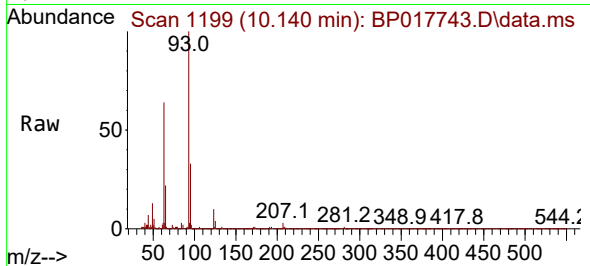
Tgt Ion:107 Resp: 31291
Ion Ratio Lower Upper
107 100
121 47.5 40.6 61.0
122 73.3 66.9 100.3





#27
Bis(2-Chloroethoxy)methane
Concen: 5.016 ng/ul
RT: 10.140 min Scan# 1199
Delta R.T. -0.006 min
Lab File: BP017743.D
Acq: 20 Oct 2023 16:07

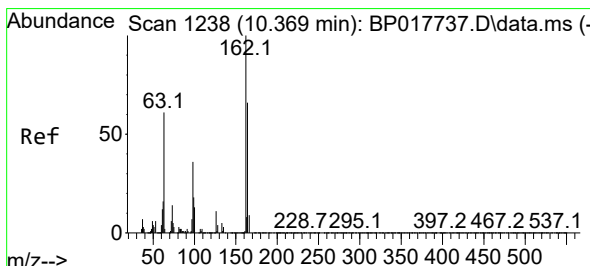
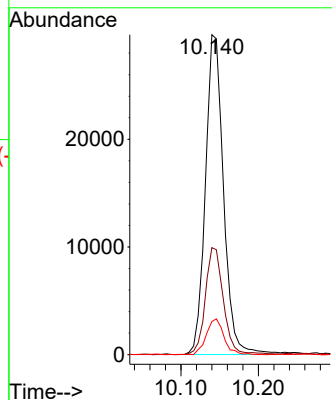
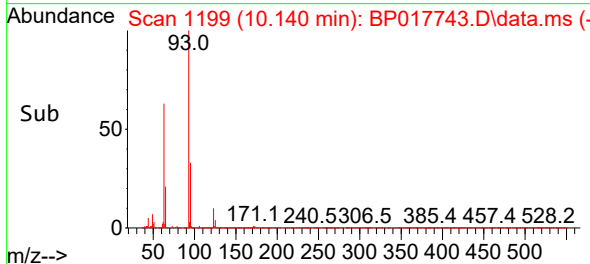
Instrument : BNA_P
ClientSampleId : MDL-MED-SOIL-QT4-2023-07



Tgt Ion: 93 Resp: 48220
Ion Ratio Lower Upper
93 100
95 33.4 24.7 37.1
123 10.3 8.9 13.3

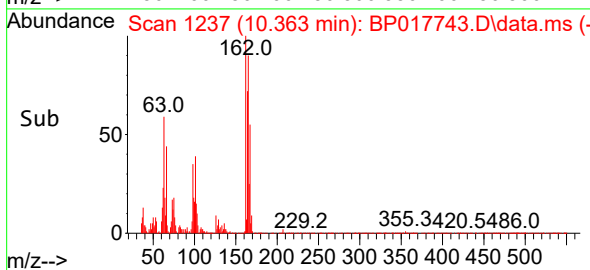
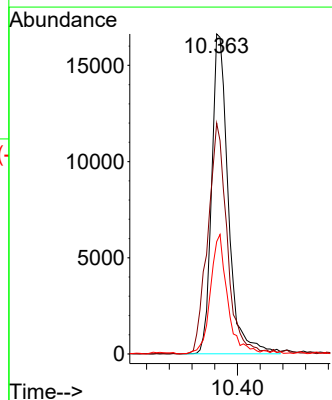
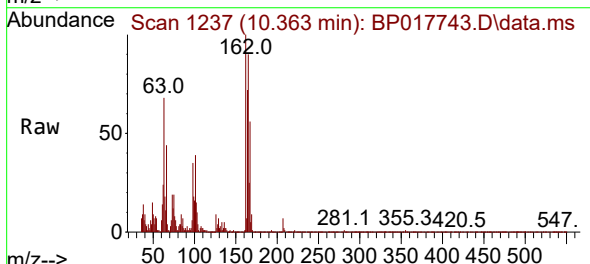
Manual Integrations
APPROVED

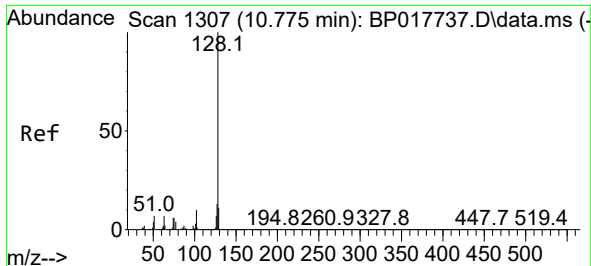
Reviewed By :Yogesh Patel 10/23/2023
Supervised By :mohammad ahmed 10/23/2023



#29
2,4-Dichlorophenol
Concen: 4.657 ng/ul
RT: 10.363 min Scan# 1237
Delta R.T. -0.006 min
Lab File: BP017743.D
Acq: 20 Oct 2023 16:07

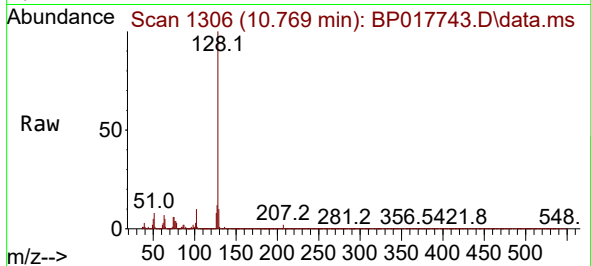
Tgt Ion:162 Resp: 33698
Ion Ratio Lower Upper
162 100
164 72.2 53.8 80.8
98 35.1 25.5 38.3





#30
Naphthalene
Concen: 4.775 ng/ul
RT: 10.769 min Scan# 1306
Delta R.T. -0.006 min
Lab File: BP017743.D
Acq: 20 Oct 2023 16:07

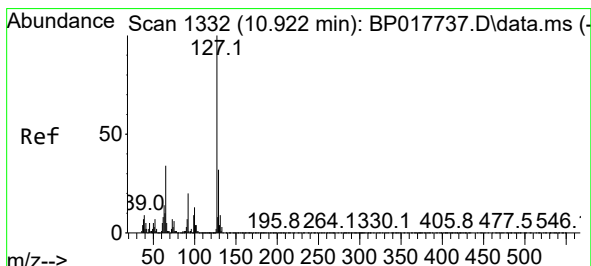
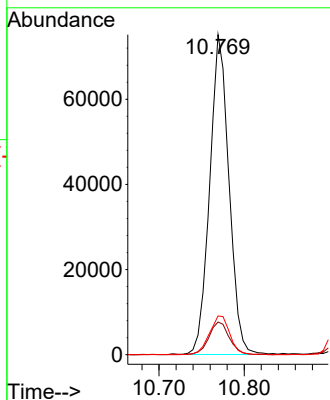
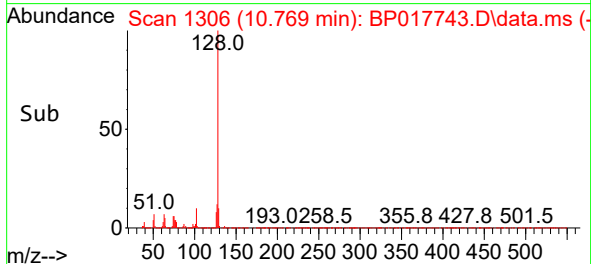
Instrument : BNA_P
ClientSampleId : MDL-MED-SOIL-QT4-2023-07



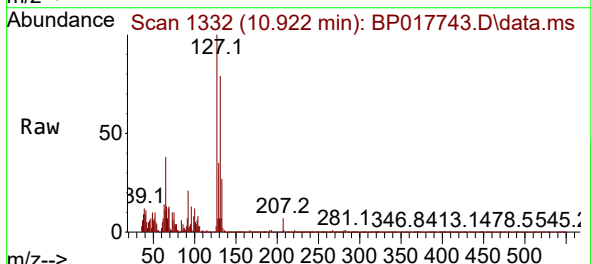
Tgt Ion:128 Resp: 118392
Ion Ratio Lower Upper
128 100
129 10.2 8.7 13.1
127 12.1 10.5 15.7

Manual Integrations
APPROVED

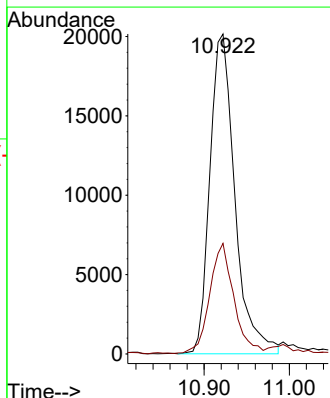
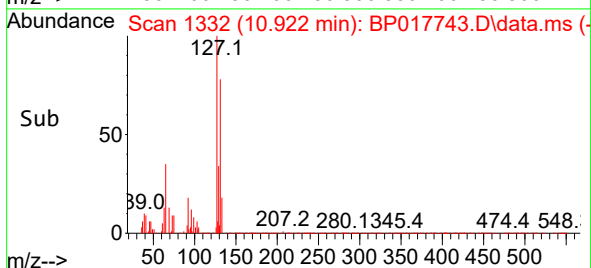
Reviewed By :Yogesh Patel 10/23/2023
Supervised By :mohammad ahmed 10/23/2023

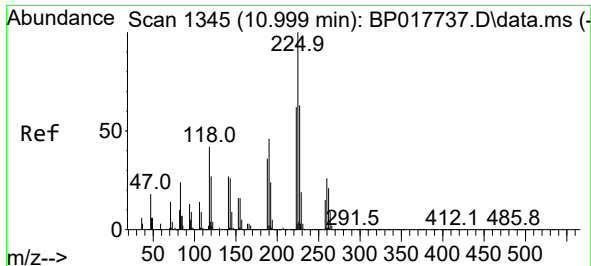


#32
4-Chloroaniline
Concen: 4.338 ng/ul
RT: 10.922 min Scan# 1332
Delta R.T. 0.006 min
Lab File: BP017743.D
Acq: 20 Oct 2023 16:07



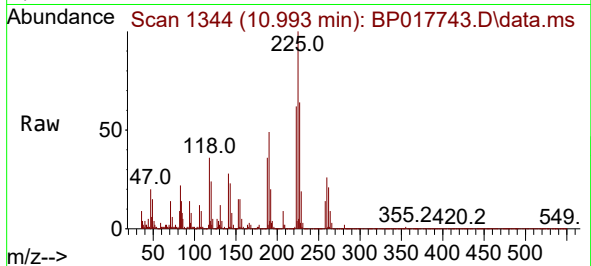
Tgt Ion:127 Resp: 41138
Ion Ratio Lower Upper
127 100
129 34.5 25.1 37.7





#33
Hexachlorobutadiene
Concen: 3.910 ng/ul
RT: 10.993 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP017743.D
Acq: 20 Oct 2023 16:07

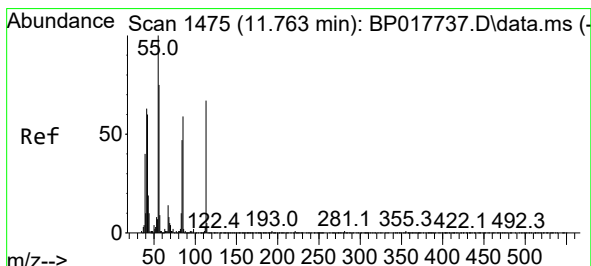
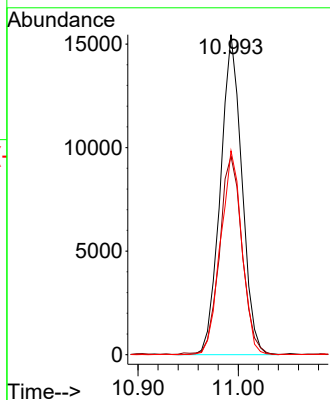
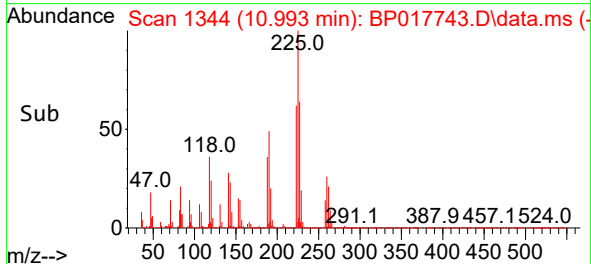
Instrument :
BNA_P
ClientSampleId :
MDL-MED-SOIL-QT4-2023-07



Tgt Ion:225 Resp: 2297
Ion Ratio Lower Upper
225 100
223 62.0 50.6 75.8
227 63.7 50.1 75.1

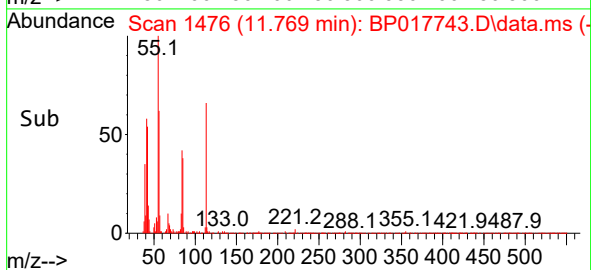
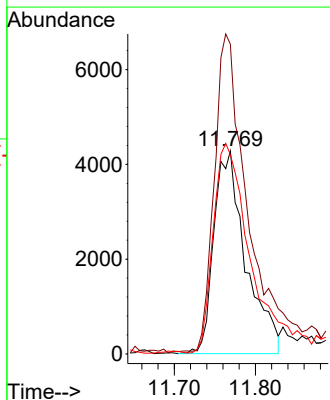
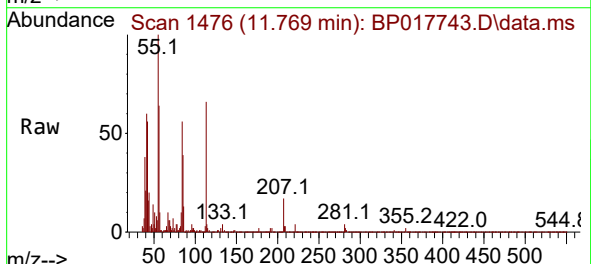
Manual Integrations
APPROVED

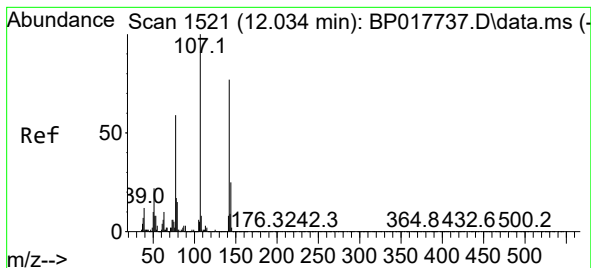
Reviewed By :Yogesh Patel 10/23/2023
Supervised By :mohammad ahmed 10/23/2023



#34
Caprolactam
Concen: 6.269 ng/ul
RT: 11.769 min Scan# 1476
Delta R.T. 0.000 min
Lab File: BP017743.D
Acq: 20 Oct 2023 16:07

Tgt Ion:113 Resp: 11680
Ion Ratio Lower Upper
113 100
55 152.5 112.1 168.1
56 98.2 87.0 130.6





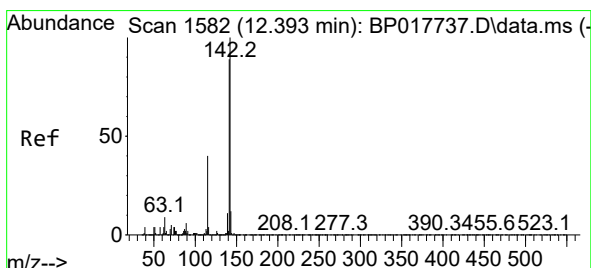
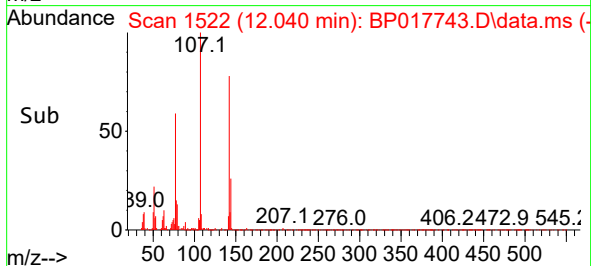
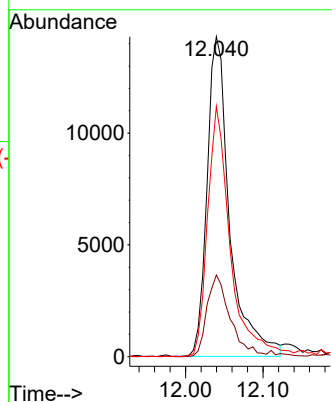
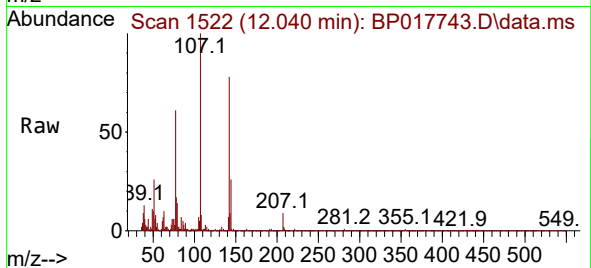
#35
4-Chloro-3-methylphenol
Concen: 4.276 ng/ul
RT: 12.040 min Scan# 1521
Delta R.T. 0.006 min
Lab File: BP017743.D
Acq: 20 Oct 2023 16:07

Instrument :
BNA_P
ClientSampleId :
MDL-MED-SOIL-QT4-2023-07

Tgt Ion:107 Resp: 29128
Ion Ratio Lower Upper
107 100
144 25.6 22.9 34.3
142 78.2 68.1 102.1

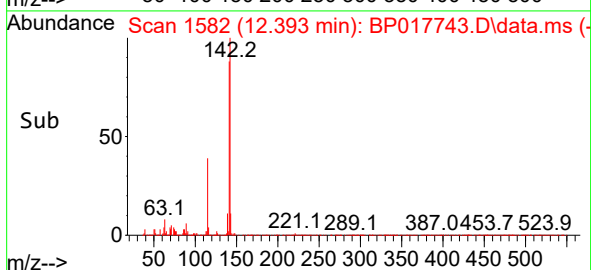
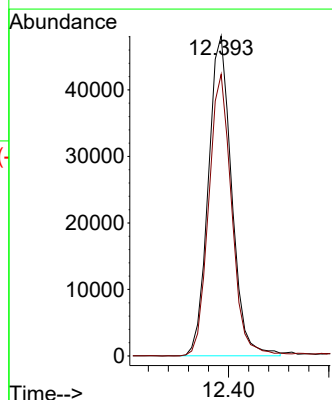
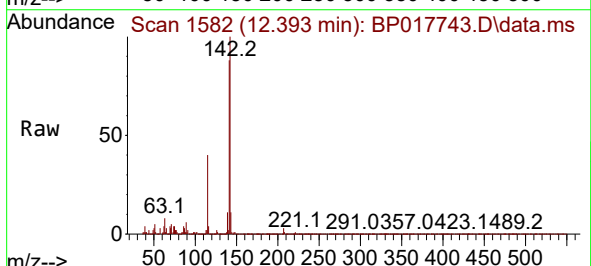
Manual Integrations
APPROVED

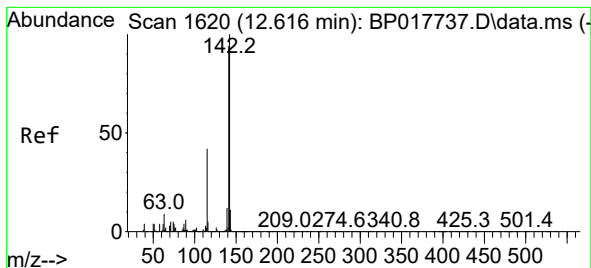
Reviewed By :Yogesh Patel 10/23/2023
Supervised By :mohammad ahmed 10/23/2023



#36
2-Methylnaphthalene
Concen: 4.649 ng/ul
RT: 12.393 min Scan# 1582
Delta R.T. 0.000 min
Lab File: BP017743.D
Acq: 20 Oct 2023 16:07

Tgt Ion:142 Resp: 77872
Ion Ratio Lower Upper
142 100
141 88.0 71.5 107.3





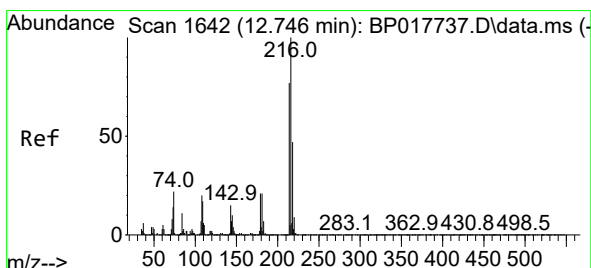
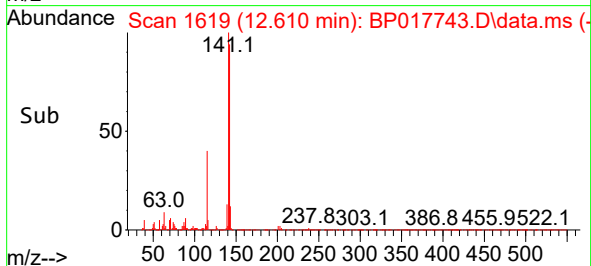
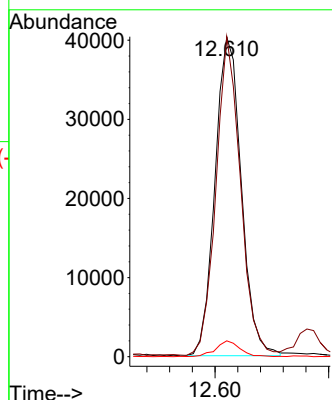
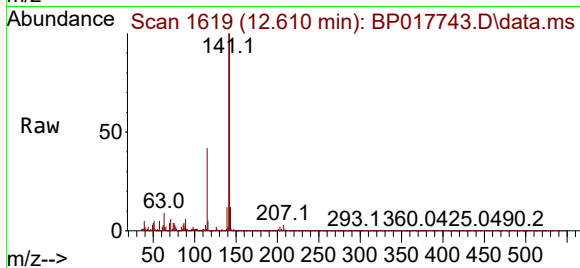
#37
1-Methylnaphthalene
Concen: 3.775 ng/ul
RT: 12.610 min Scan# 1619
Delta R.T. 0.000 min
Lab File: BP017743.D
Acq: 20 Oct 2023 16:07

Instrument :
BNA_P
ClientSampleId :
MDL-MED-SOIL-QT4-2023-07

Tgt Ion:142 Resp: 64660
Ion Ratio Lower Upper
142 100
141 100.1 72.5 108.7
116 5.0 3.4 5.2

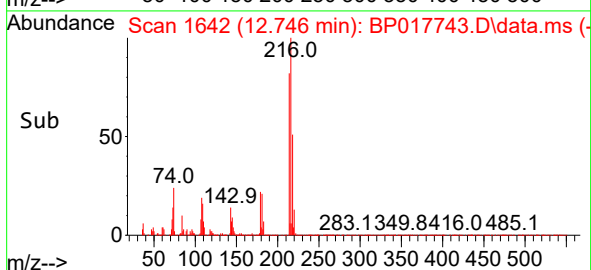
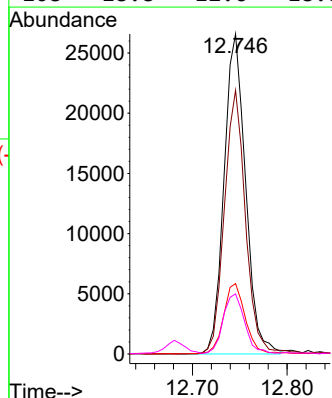
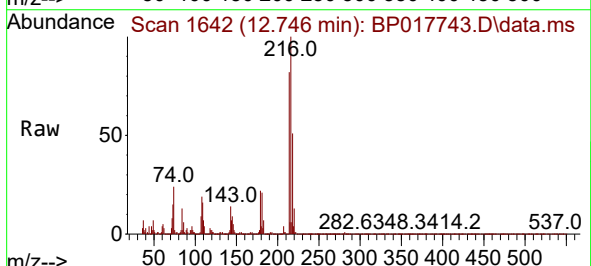
Manual Integrations
APPROVED

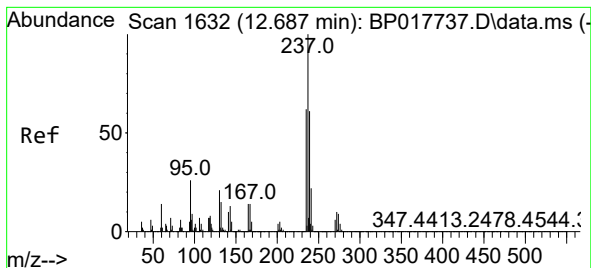
Reviewed By :Yogesh Patel 10/23/2023
Supervised By :mohammad ahmed 10/23/2023



#39
1,2,4,5-Tetrachlorobenzene
Concen: 4.230 ng/ul
RT: 12.746 min Scan# 1642
Delta R.T. 0.000 min
Lab File: BP017743.D
Acq: 20 Oct 2023 16:07

Tgt Ion:216 Resp: 41999
Ion Ratio Lower Upper
216 100
214 82.4 62.2 93.2
179 22.0 15.8 23.8
108 18.8 12.6 18.8





#40

Hexachlorocyclopentadiene

Concen: 5.630 ng/ul

RT: 12.681 min Scan# 1632

Delta R.T. -0.006 min

Lab File: BP017743.D

Acq: 20 Oct 2023 16:07

Instrument :

BNA_P

ClientSampleId :

MDL-MED-SOIL-QT4-2023-07

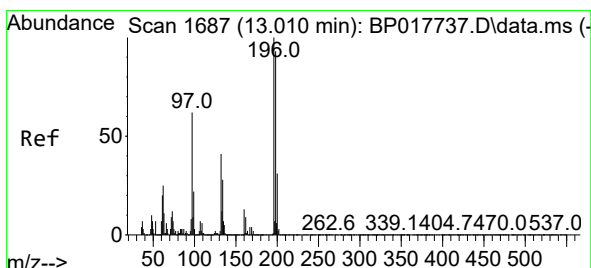
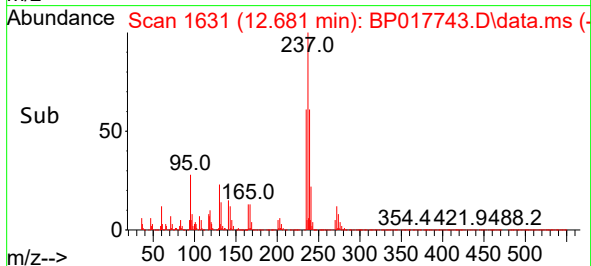
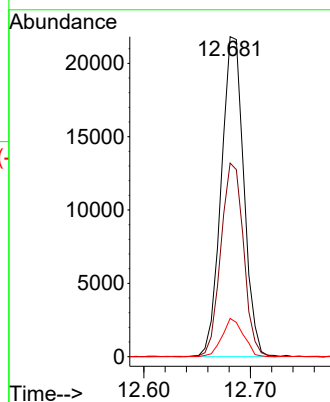
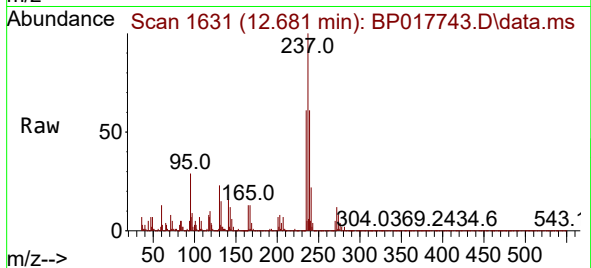
Tgt Ion:237	Resp:	32118
Ion Ratio	Lower	Upper
237 100		
235 60.5	50.3	75.5
272 12.0	11.1	16.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/23/2023

Supervised By :mohammad ahmed 10/23/2023



#41

2,4,6-Trichlorophenol

Concen: 3.818 ng/ul

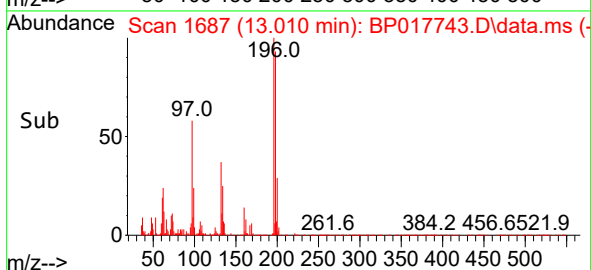
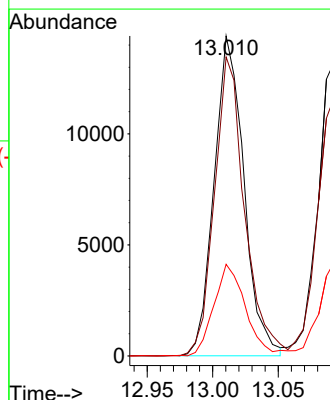
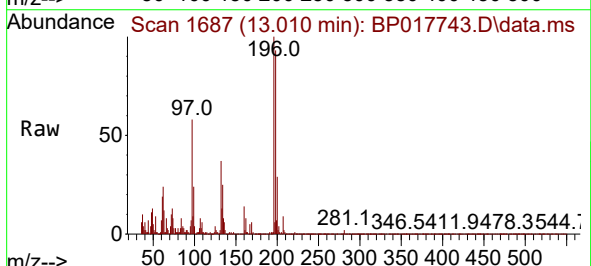
RT: 13.010 min Scan# 1687

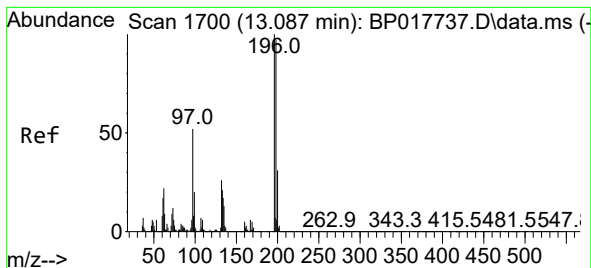
Delta R.T. 0.006 min

Lab File: BP017743.D

Acq: 20 Oct 2023 16:07

Tgt Ion:196	Resp:	22753
Ion Ratio	Lower	Upper
196 100		
198 93.4	74.7	112.1
200 28.6	23.7	35.5





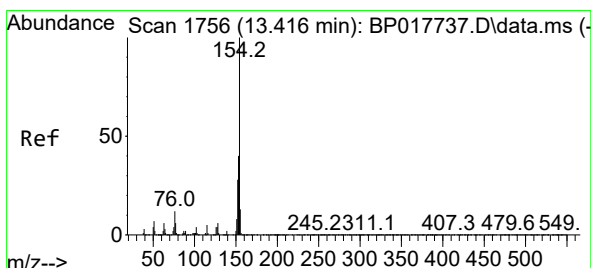
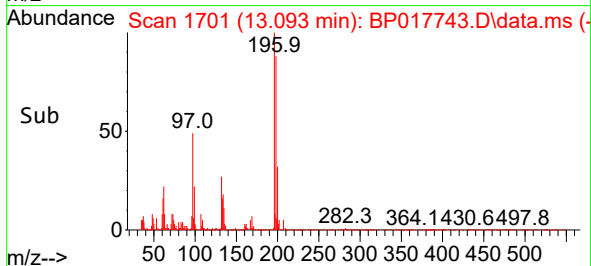
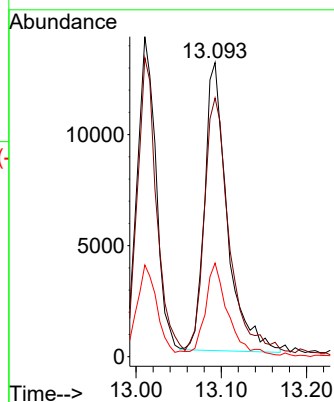
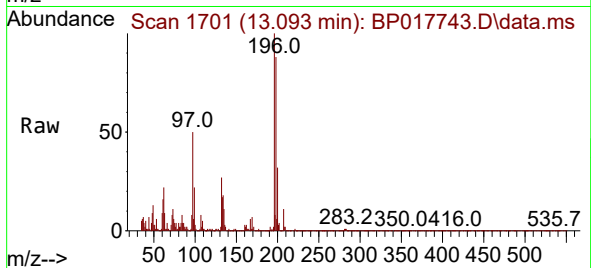
#42
2,4,5-Trichlorophenol
Concen: 3.884 ng/ul
RT: 13.093 min Scan# 1700
Delta R.T. 0.012 min
Lab File: BP017743.D
Acq: 20 Oct 2023 16:07

Instrument :
BNA_P
ClientSampleId :
MDL-MED-SOIL-QT4-2023-07

Tgt Ion:196 Resp: 2393
Ion Ratio Lower Upper
196 100
198 88.0 76.0 114.0
200 31.8 24.3 36.5

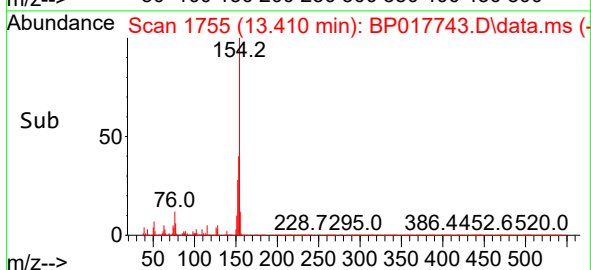
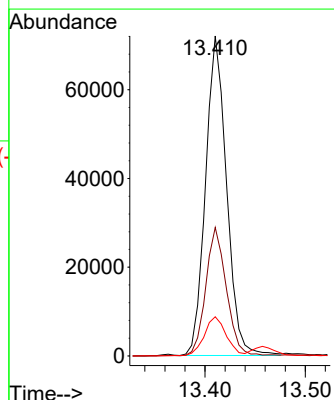
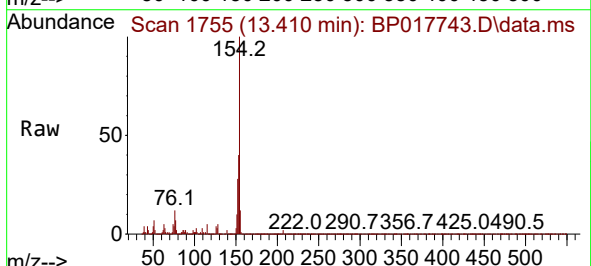
Manual Integrations
APPROVED

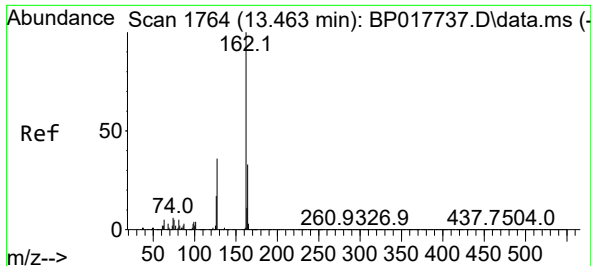
Reviewed By :Yogesh Patel 10/23/2023
Supervised By :mohammad ahmed 10/23/2023



#43
1,1'-Biphenyl
Concen: 4.752 ng/ul
RT: 13.410 min Scan# 1755
Delta R.T. 0.000 min
Lab File: BP017743.D
Acq: 20 Oct 2023 16:07

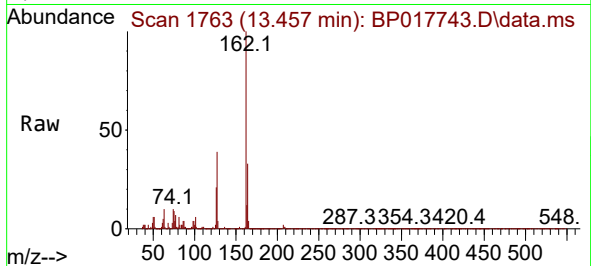
Tgt Ion:154 Resp: 105066
Ion Ratio Lower Upper
154 100
153 40.2 32.6 49.0
76 12.2 9.8 14.8





#44
2-Chloronaphthalene
Concen: 4.647 ng/ul
RT: 13.457 min Scan# 1763
Delta R.T. 0.000 min
Lab File: BP017743.D
Acq: 20 Oct 2023 16:07

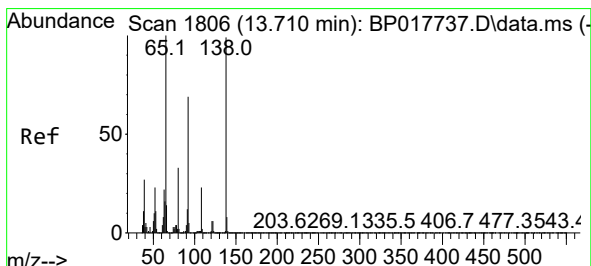
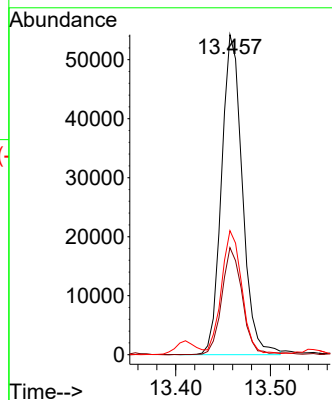
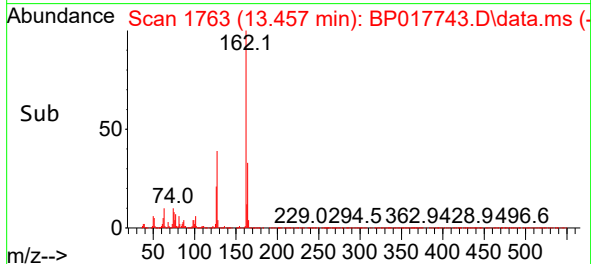
Instrument : BNA_P
ClientSampleId :
MDL-MED-SOIL-QT4-2023-07



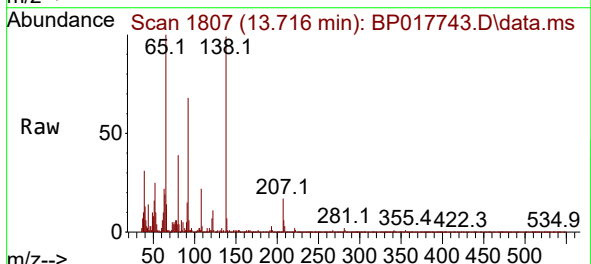
Tgt Ion:162 Resp: 83050
Ion Ratio Lower Upper
162 100
164 33.4 25.9 38.9
127 38.7 29.9 44.9

Manual Integrations
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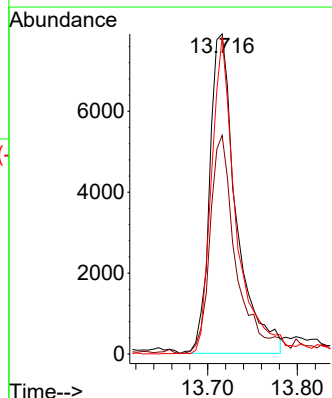
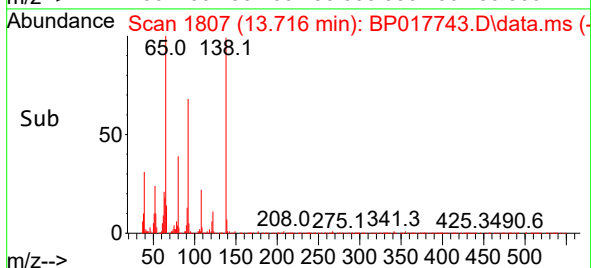
Reviewed By :Yogesh Patel 10/23/2023
Supervised By :mohammad ahmed 10/23/2023

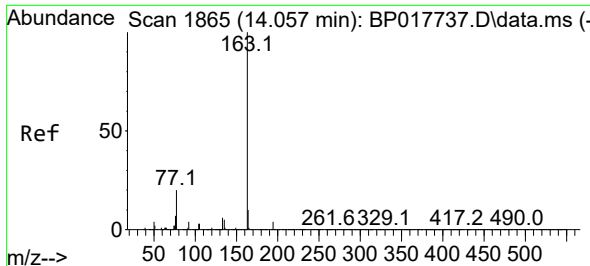


#45
2-Nitroaniline
Concen: 3.989 ng/ul
RT: 13.716 min Scan# 1807
Delta R.T. 0.006 min
Lab File: BP017743.D
Acq: 20 Oct 2023 16:07



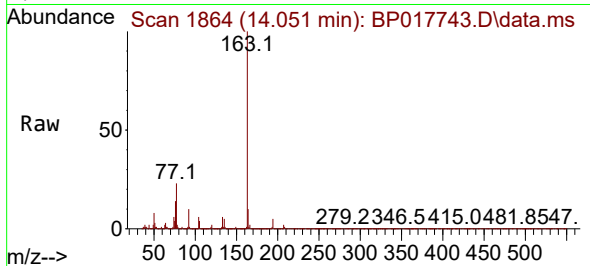
Tgt Ion: 65 Resp: 16200
Ion Ratio Lower Upper
65 100
92 68.3 56.2 84.4
138 99.1 85.9 128.9





#47
Dimethylphthalate
Concen: 4.746 ng/ul
RT: 14.051 min Scan# 1864
Delta R.T. 0.000 min
Lab File: BP017743.D
Acq: 20 Oct 2023 16:07

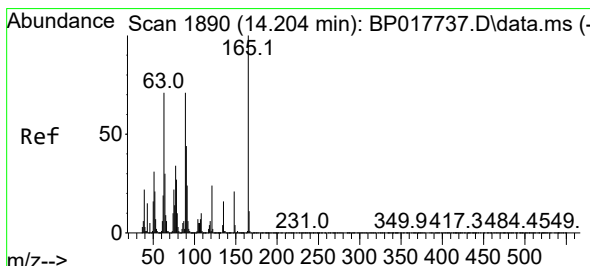
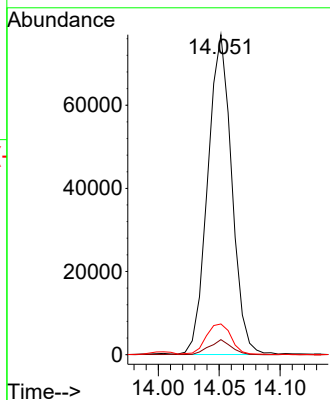
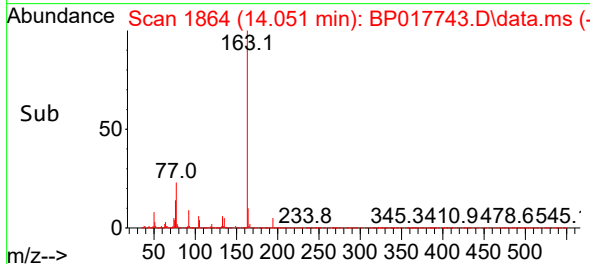
Instrument :
BNA_P
ClientSampleId :
MDL-MED-SOIL-QT4-2023-07



Tgt Ion:163 Resp: 105370
Ion Ratio Lower Upper
163 100
194 4.7 3.4 5.0
164 9.6 8.2 12.4

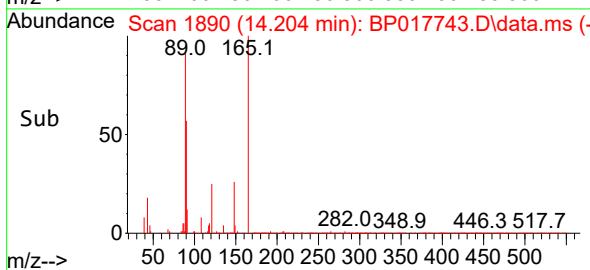
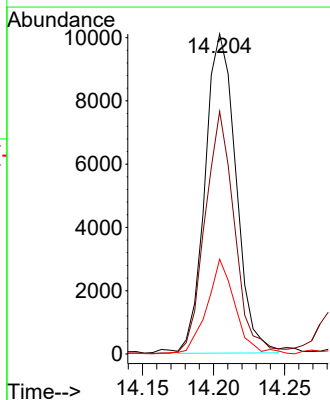
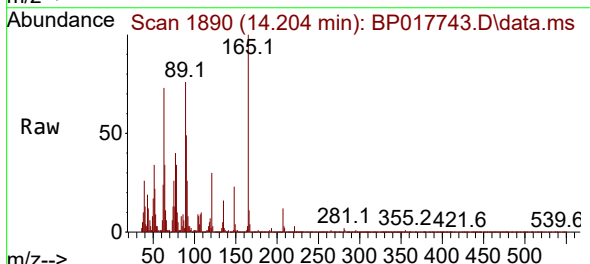
Manual Integrations
APPROVED

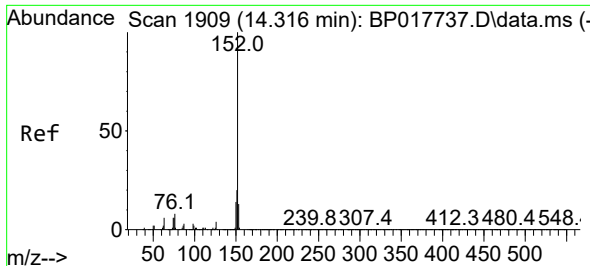
Reviewed By :Yogesh Patel 10/23/2023
Supervised By :mohammad ahmed 10/23/2023



#48
2,6-Dinitrotoluene
Concen: 3.734 ng/ul
RT: 14.204 min Scan# 1890
Delta R.T. 0.000 min
Lab File: BP017743.D
Acq: 20 Oct 2023 16:07

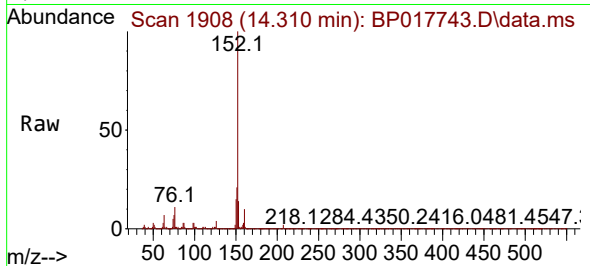
Tgt Ion:165 Resp: 15259
Ion Ratio Lower Upper
165 100
89 75.8 48.0 72.0#
121 29.6 16.6 24.8#





#50
Acenaphthylene
Concen: 4.731 ng/ul
RT: 14.310 min Scan# 1909
Delta R.T. 0.000 min
Lab File: BP017743.D
Acq: 20 Oct 2023 16:07

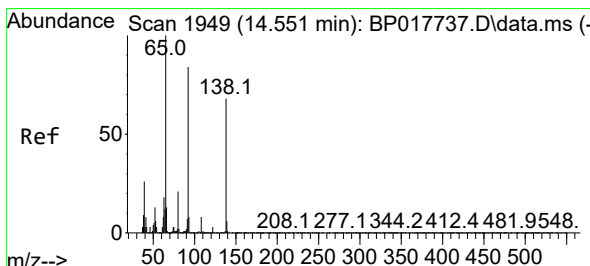
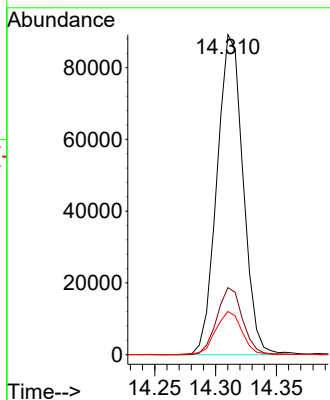
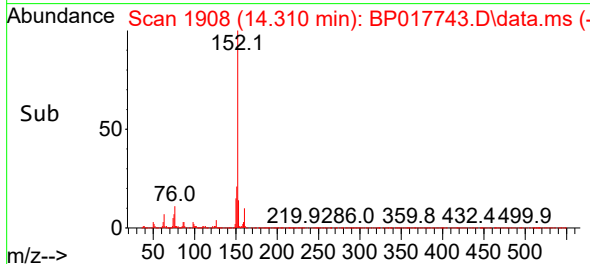
Instrument :
BNA_P
ClientSampleId :
MDL-MED-SOIL-QT4-2023-07



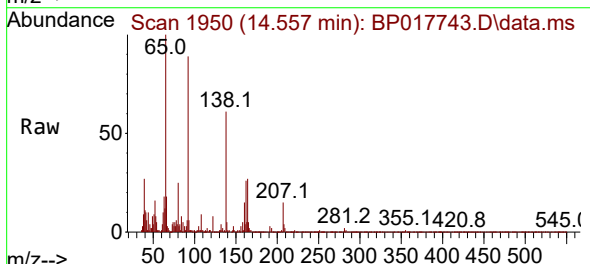
Tgt Ion:152 Resp: 13312
Ion Ratio Lower Upper
152 100
151 20.9 15.9 23.9
153 13.5 10.8 16.2

Manual Integrations
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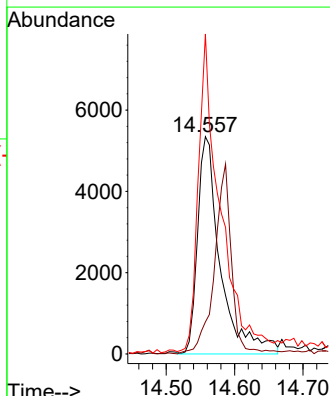
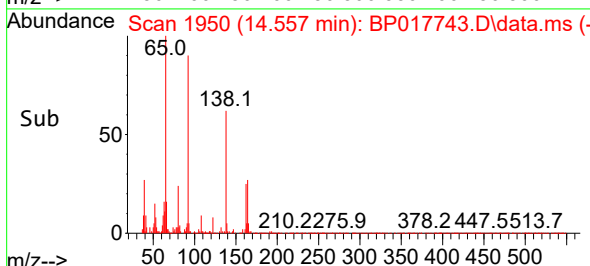
Reviewed By :Yogesh Patel 10/23/2023
Supervised By :mohammad ahmed 10/23/2023

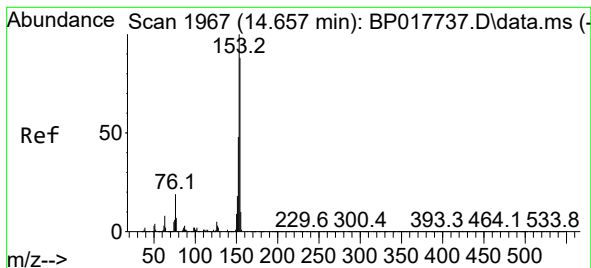


#51
3-Nitroaniline
Concen: 3.188 ng/ul m
RT: 14.557 min Scan# 1950
Delta R.T. 0.012 min
Lab File: BP017743.D
Acq: 20 Oct 2023 16:07



Tgt Ion:138 Resp: 12391
Ion Ratio Lower Upper
138 100
108 14.7 9.3 13.9#
92 147.3 95.2 142.8#





#52

Acenaphthene

Concen: 4.785 ng/ul

RT: 14.651 min Scan# 1967

Delta R.T. 0.000 min

Lab File: BP017743.D

Acq: 20 Oct 2023 16:07

Instrument :

BNA_P

ClientSampleId :

MDL-MED-SOIL-QT4-2023-07

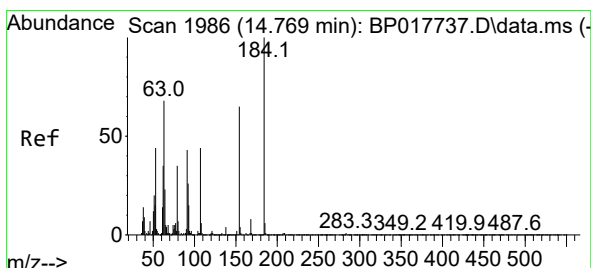
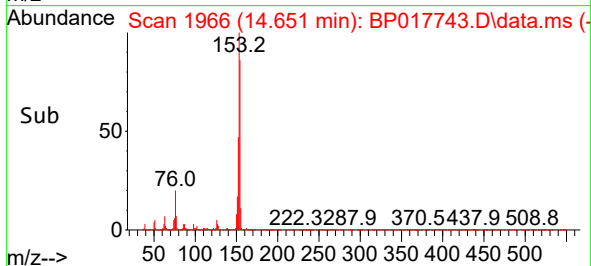
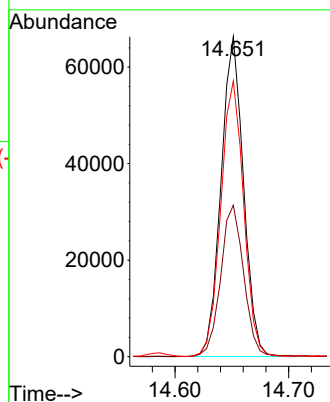
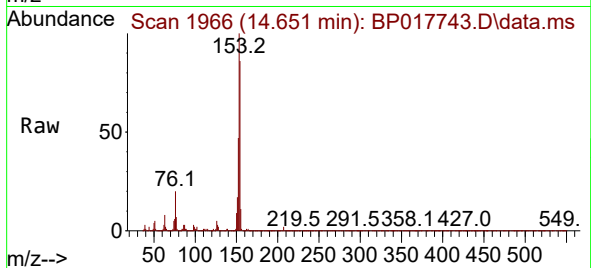
Tgt Ion:	153	Resp:	9101
Ion Ratio	Lower	Upper	
153	100		
152	47.3	37.6	56.4
154	86.2	70.0	105.0

Manual Integrations

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Reviewed By :Yogesh Patel 10/23/2023

Supervised By :mohammad ahmed 10/23/2023



#53

2,4-Dinitrophenol

Concen: 5.506 ng/ul

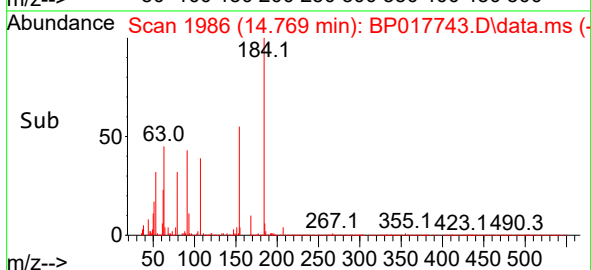
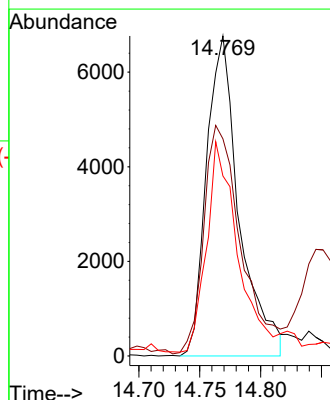
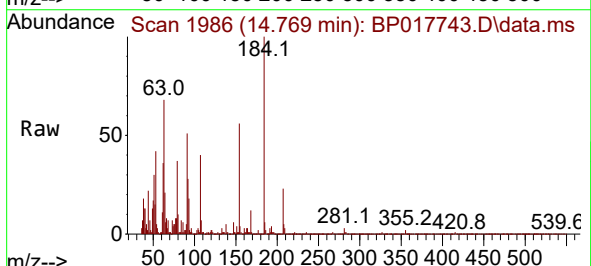
RT: 14.769 min Scan# 1986

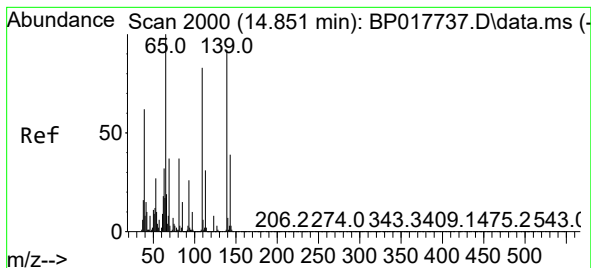
Delta R.T. 0.012 min

Lab File: BP017743.D

Acq: 20 Oct 2023 16:07

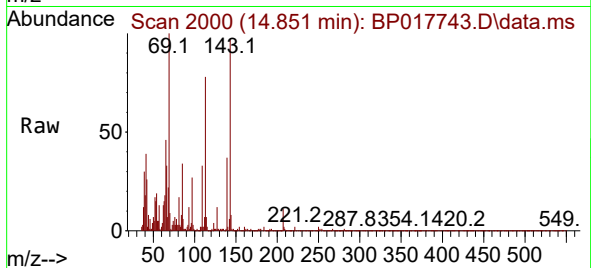
Tgt Ion:	184	Resp:	12630
Ion Ratio	Lower	Upper	
184	100		
63	67.9	50.6	76.0
154	56.2	47.9	71.9





#55
4-Nitrophenol
Concen: 4.015 ng/ul m
RT: 14.851 min Scan# 2000
Delta R.T. 0.006 min
Lab File: BP017743.D
Acq: 20 Oct 2023 16:07

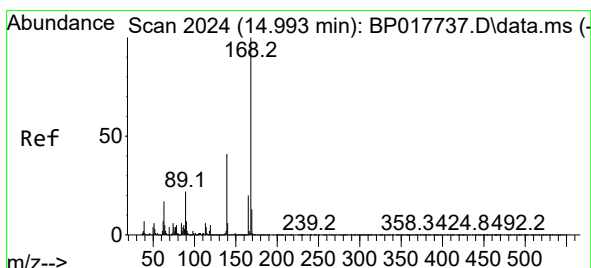
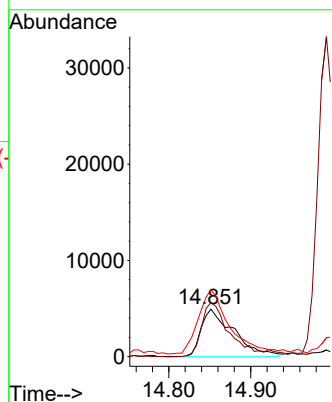
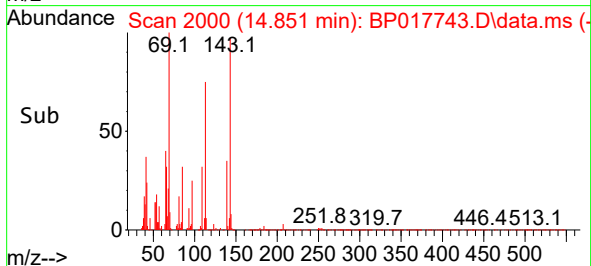
Instrument :
BNA_P
ClientSampleId :
MDL-MED-SOIL-QT4-2023-07



Tgt Ion:109 Resp: 1364
Ion Ratio Lower Upper
109 100
139 113.9 92.9 139.3
65 141.1 94.5 141.7

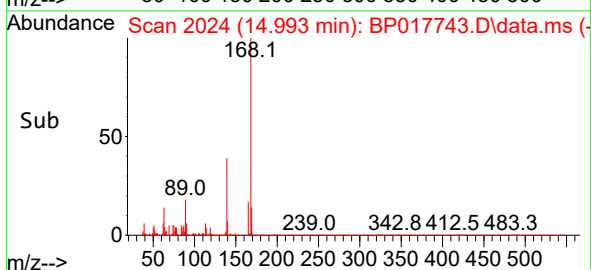
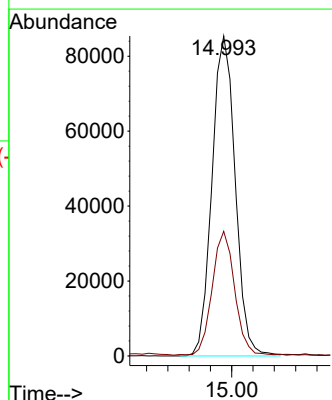
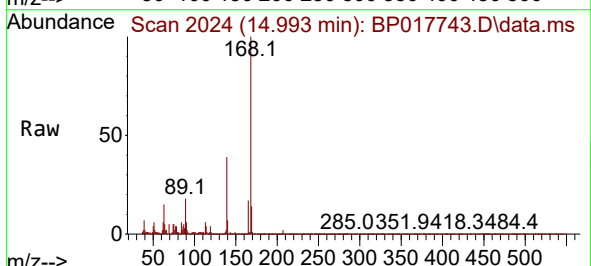
Manual Integrations
APPROVED

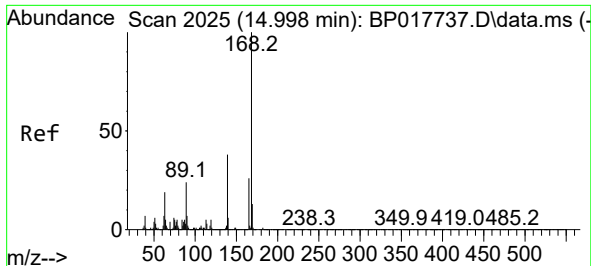
Reviewed By :Yogesh Patel 10/23/2023
Supervised By :mohammad ahmed 10/23/2023



#56
Dibenzofuran
Concen: 4.841 ng/ul
RT: 14.993 min Scan# 2024
Delta R.T. 0.000 min
Lab File: BP017743.D
Acq: 20 Oct 2023 16:07

Tgt Ion:168 Resp: 129304
Ion Ratio Lower Upper
168 100
139 38.9 28.6 43.0





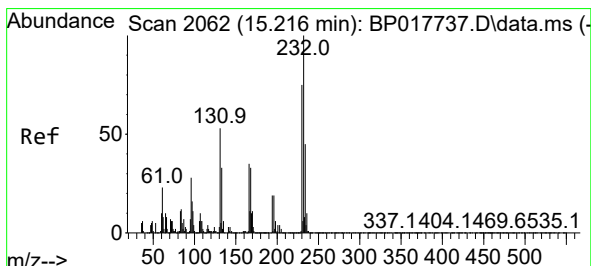
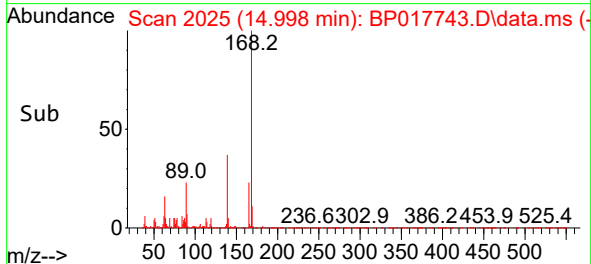
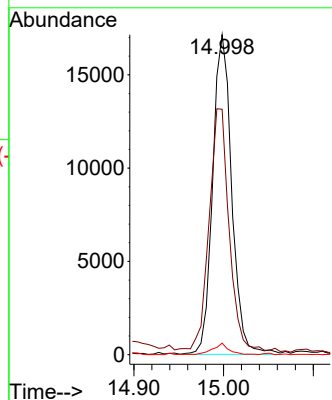
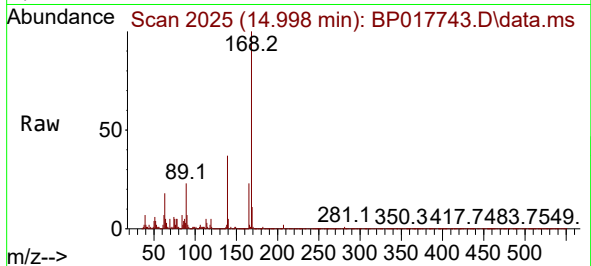
#57
2,4-Dinitrotoluene
Concen: 4.200 ng/ul
RT: 14.998 min Scan# 2025
Delta R.T. 0.006 min
Lab File: BP017743.D
Acq: 20 Oct 2023 16:07

Instrument :
BNA_P
ClientSampleId :
MDL-MED-SOIL-QT4-2023-07

Tgt Ion:165 Resp: 25329
Ion Ratio Lower Upper
165 100
63 76.7 51.1 76.7
182 3.6 2.7 4.1

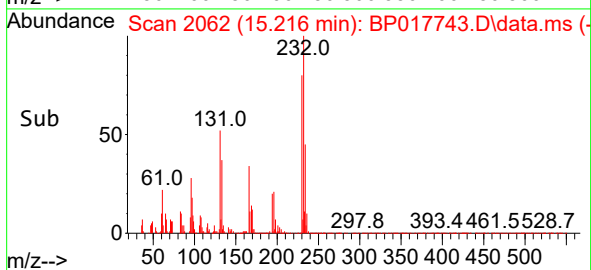
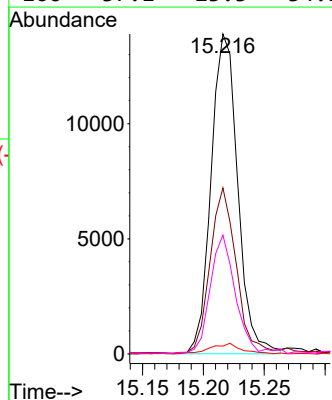
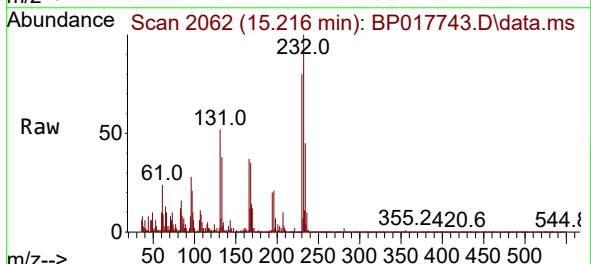
Manual Integrations
APPROVED

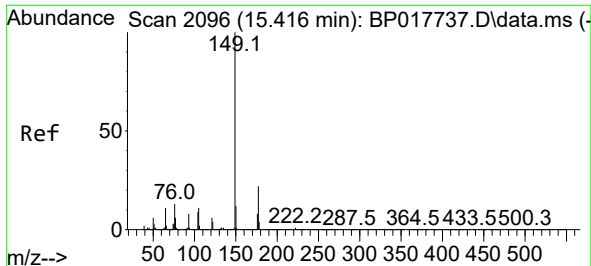
Reviewed By :Yogesh Patel 10/23/2023
Supervised By :mohammad ahmed 10/23/2023



#58
2,3,4,6-Tetrachlorophenol
Concen: 3.868 ng/ul
RT: 15.216 min Scan# 2062
Delta R.T. 0.000 min
Lab File: BP017743.D
Acq: 20 Oct 2023 16:07

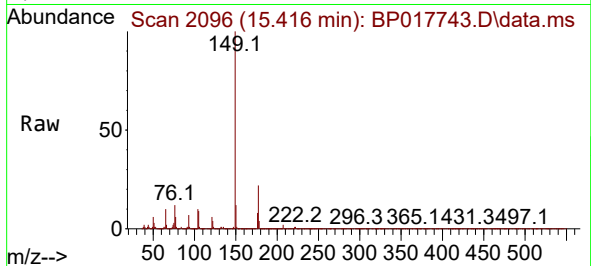
Tgt Ion:232 Resp: 21150
Ion Ratio Lower Upper
232 100
131 51.9 32.9 49.3#
130 2.4 1.8 2.8
166 37.1 23.3 34.9#





#59
Diethylphthalate
Concen: 4.637 ng/ul
RT: 15.416 min Scan# 2096
Delta R.T. 0.006 min
Lab File: BP017743.D
Acq: 20 Oct 2023 16:07

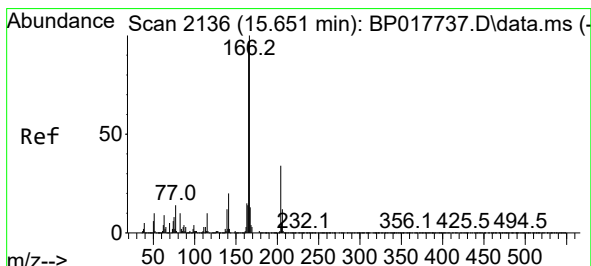
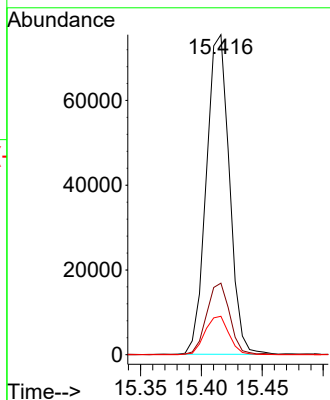
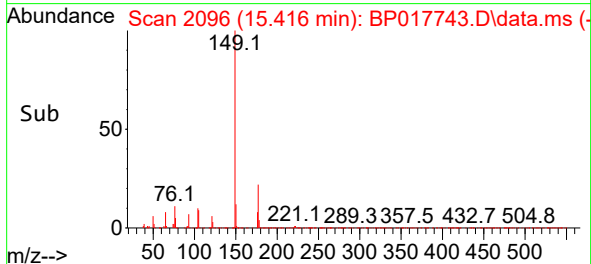
Instrument : BNA_P
ClientSampleId : MDL-MED-SOIL-QT4-2023-07



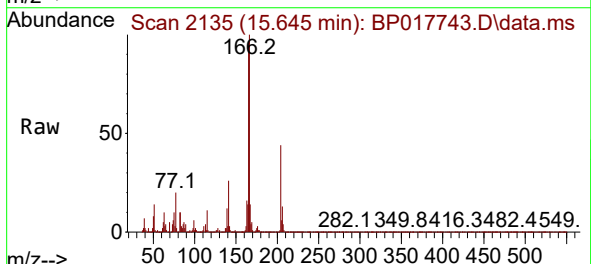
Tgt Ion:149 Resp: 9938
Ion Ratio Lower Upper
149 100
177 22.3 18.0 27.0
150 12.0 10.2 15.4

Manual Integrations
APPROVED

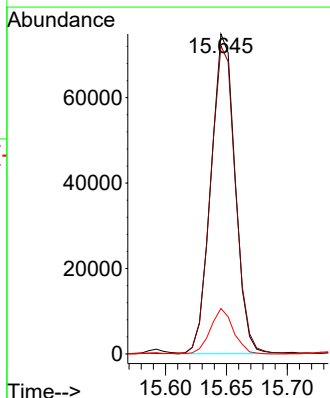
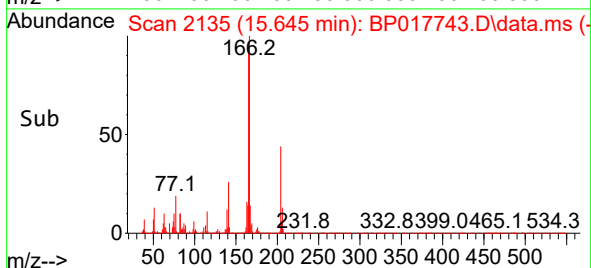
Reviewed By :Yogesh Patel 10/23/2023
Supervised By :mohammad ahmed 10/23/2023

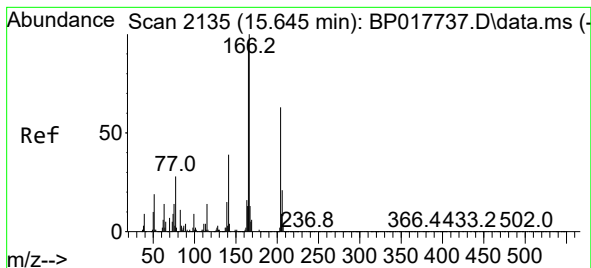


#61
Fluorene
Concen: 4.718 ng/ul
RT: 15.645 min Scan# 2135
Delta R.T. 0.000 min
Lab File: BP017743.D
Acq: 20 Oct 2023 16:07



Tgt Ion:166 Resp: 103505
Ion Ratio Lower Upper
166 100
165 96.3 77.4 116.0
167 14.2 10.9 16.3





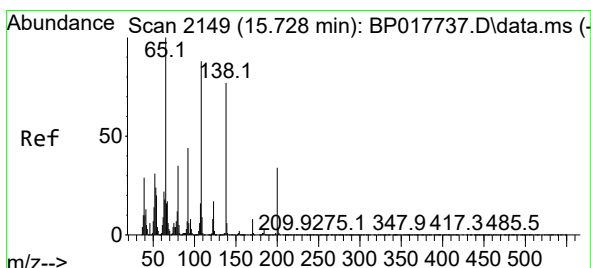
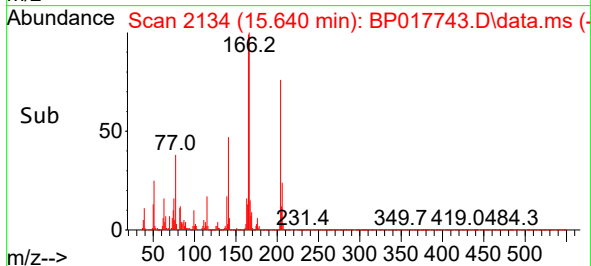
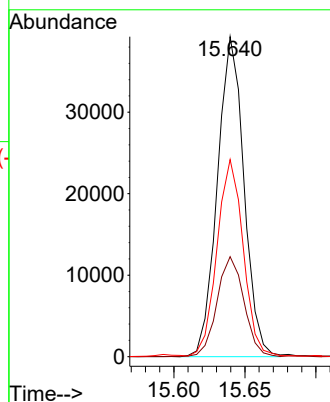
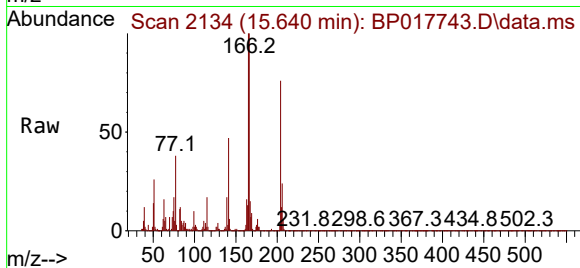
#62
4-Chlorophenyl-phenylether
Concen: 4.379 ng/ul
RT: 15.640 min Scan# 2135
Delta R.T. 0.000 min
Lab File: BP017743.D
Acq: 20 Oct 2023 16:07

Instrument :
BNA_P
ClientSampleId :
MDL-MED-SOIL-QT4-2023-07

Tgt Ion:204 Resp: 5106
Ion Ratio Lower Upper
204 100
206 31.2 26.2 39.4
141 61.6 42.9 64.3

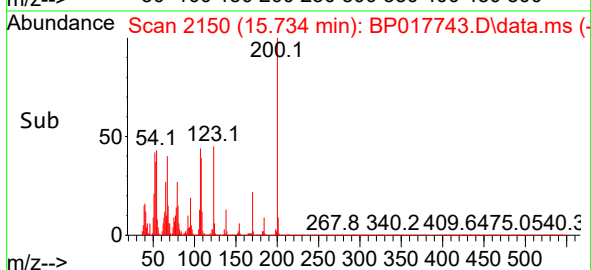
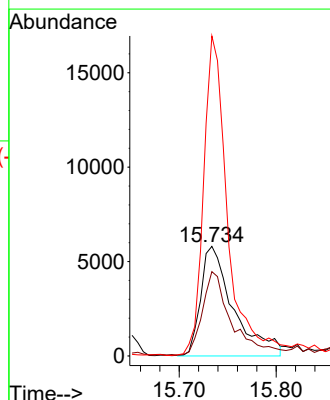
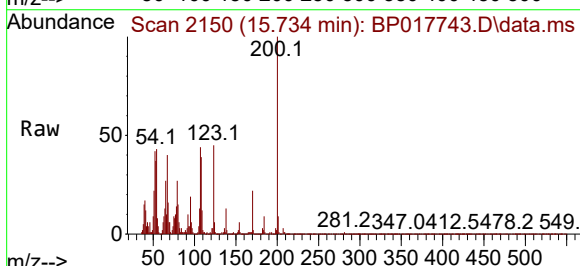
Manual Integrations
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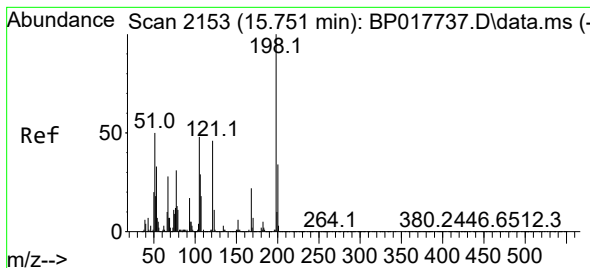
Reviewed By :Yogesh Patel 10/23/2023
Supervised By :mohammad ahmed 10/23/2023



#63
4-Nitroaniline
Concen: 3.896 ng/ul m
RT: 15.734 min Scan# 2150
Delta R.T. 0.012 min
Lab File: BP017743.D
Acq: 20 Oct 2023 16:07

Tgt Ion:138 Resp: 13656
Ion Ratio Lower Upper
138 100
92 77.0 43.0 64.6#
108 292.0 82.7 124.1#





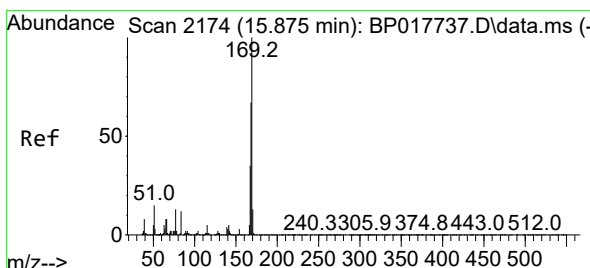
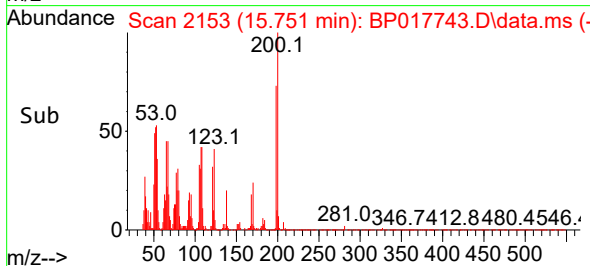
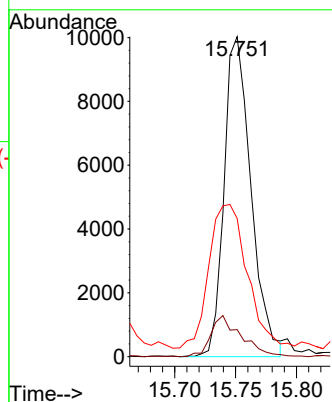
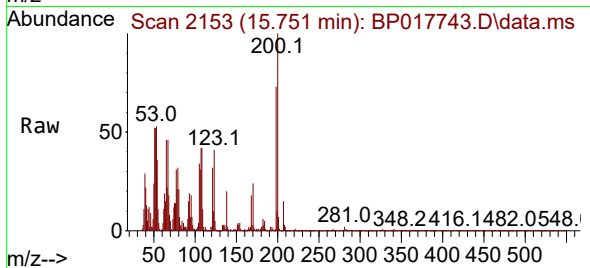
#66
4,6-Dinitro-2-methylphenol
Concen: 3.801 ng/ul
RT: 15.751 min Scan# 2153
Delta R.T. 0.000 min
Lab File: BP017743.D
Acq: 20 Oct 2023 16:07

Instrument :
BNA_P
ClientSampleId :
MDL-MED-SOIL-QT4-2023-07

Tgt Ion:198 Resp: 1542
Ion Ratio Lower Upper
198 100
182 8.4 3.9 5.9
77 43.2 19.8 29.8

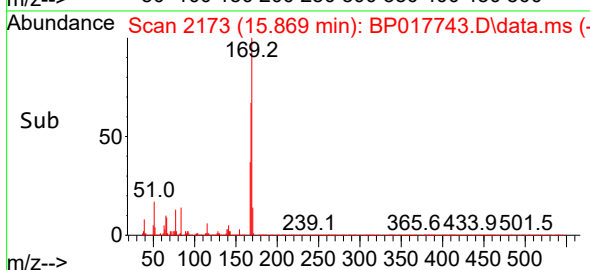
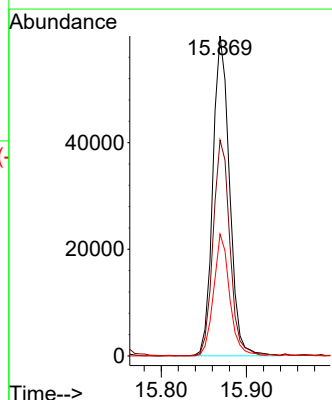
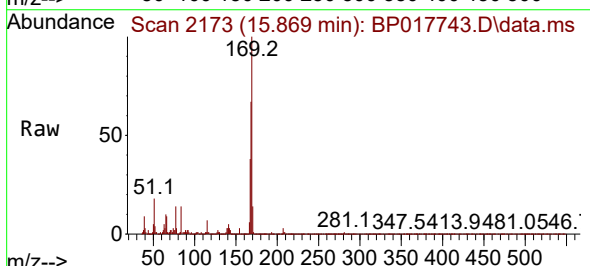
Manual Integrations
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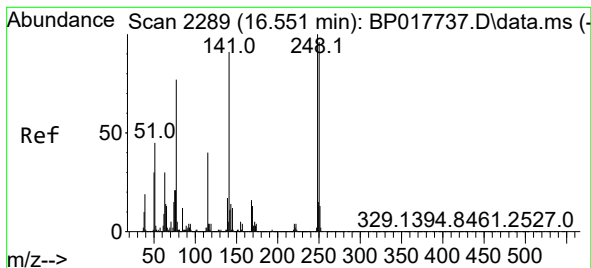
Reviewed By :Yogesh Patel 10/23/2023
Supervised By :mohammad ahmed 10/23/2023



#67
N-Nitrosodiphenylamine
Concen: 4.691 ng/ul
RT: 15.869 min Scan# 2173
Delta R.T. 0.000 min
Lab File: BP017743.D
Acq: 20 Oct 2023 16:07

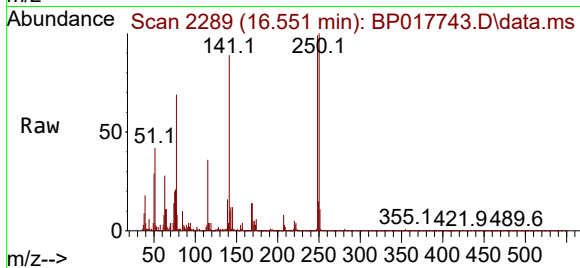
Tgt Ion:169 Resp: 81760
Ion Ratio Lower Upper
169 100
168 67.5 53.7 80.5
167 38.1 29.4 44.0





#68
4-Bromophenyl-phenylether
Concen: 4.000 ng/ul
RT: 16.551 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP017743.D
Acq: 20 Oct 2023 16:07

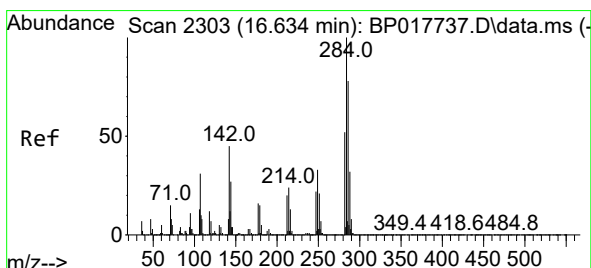
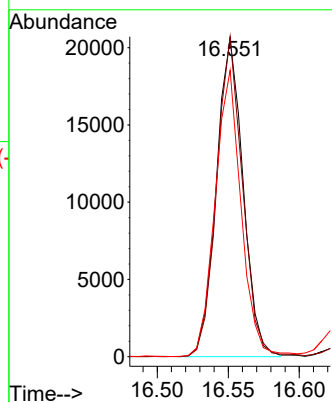
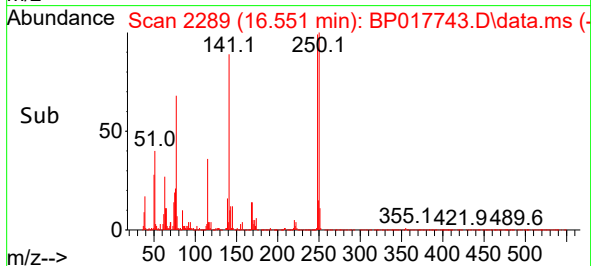
Instrument :
BNA_P
ClientSampleId :
MDL-MED-SOIL-QT4-2023-07



Tgt Ion:248 Resp: 26920
Ion Ratio Lower Upper
248 100
250 100.6 76.8 115.2
141 90.1 52.4 78.6

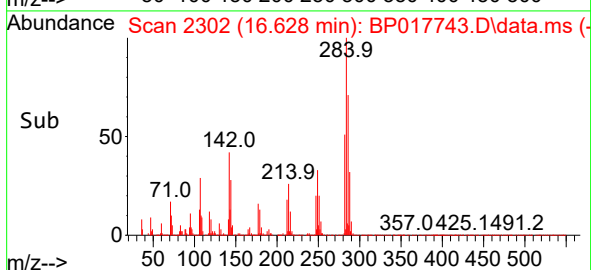
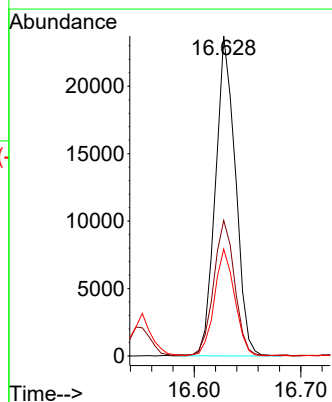
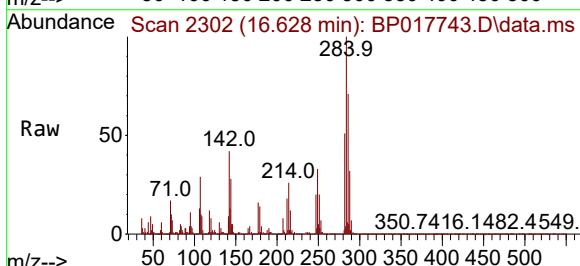
Manual Integrations
APPROVED

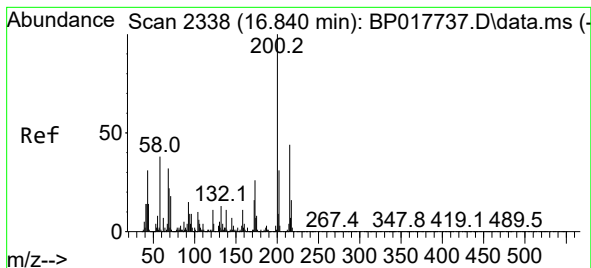
Reviewed By :Yogesh Patel 10/23/2023
Supervised By :mohammad ahmed 10/23/2023



#69
Hexachlorobenzene
Concen: 3.988 ng/ul
RT: 16.628 min Scan# 2302
Delta R.T. 0.000 min
Lab File: BP017743.D
Acq: 20 Oct 2023 16:07

Tgt Ion:284 Resp: 30813
Ion Ratio Lower Upper
284 100
142 42.4 27.6 41.4#
249 33.4 24.5 36.7





#70

Atrazine

Concen: 3.033 ng/ul

RT: 16.834 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP017743.D

Acq: 20 Oct 2023 16:07

Instrument :

BNA_P

ClientSampleId :

MDL-MED-SOIL-QT4-2023-07

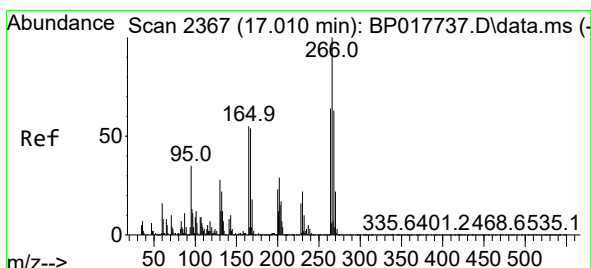
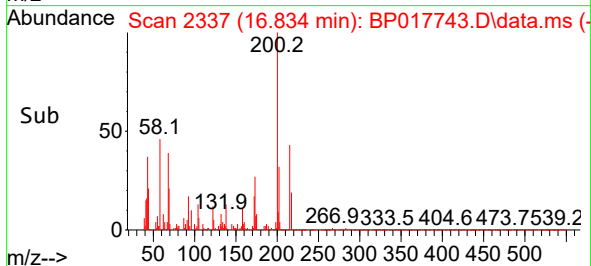
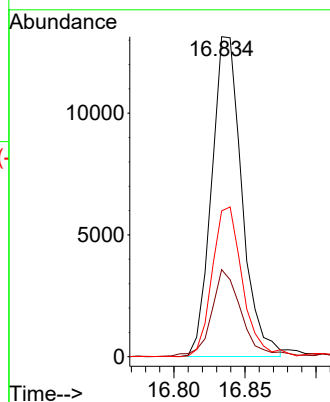
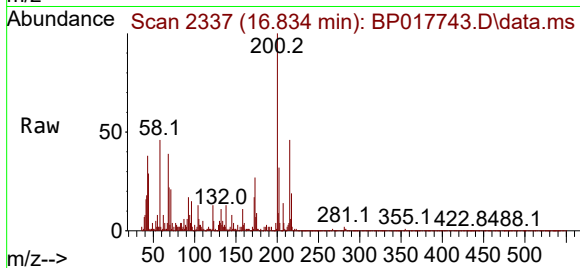
Tgt Ion:200	Resp:	19429
Ion Ratio	Lower	Upper
200	100	
173	27.2	19.8 29.6
215	45.6	38.5 57.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/23/2023

Supervised By :mohammad ahmed 10/23/2023



#71

Pentachlorophenol

Concen: 5.132 ng/ul

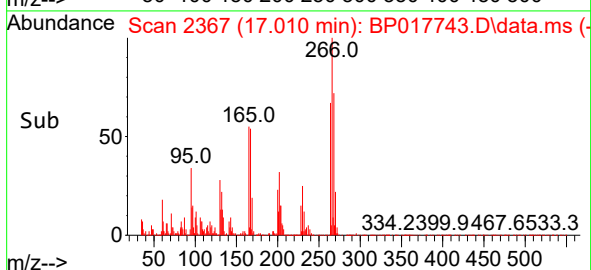
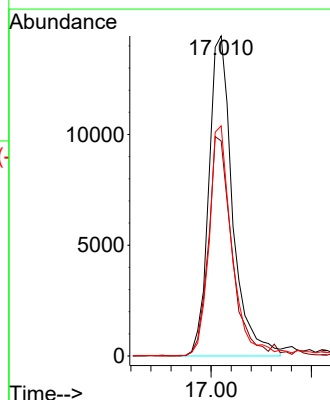
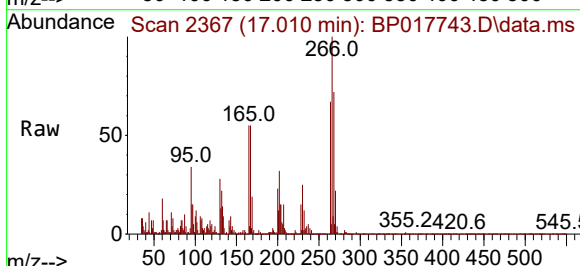
RT: 17.010 min Scan# 2367

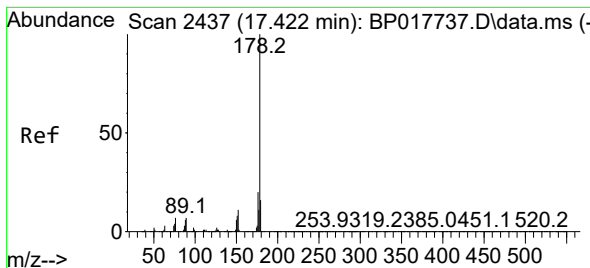
Delta R.T. 0.006 min

Lab File: BP017743.D

Acq: 20 Oct 2023 16:07

Tgt Ion:266	Resp:	23839
Ion Ratio	Lower	Upper
266	100	
264	67.2	49.4 74.2
268	71.9	50.3 75.5





#72

Phenanthrene

Concen: 4.768 ng/ul

RT: 17.422 min Scan# 2437

Delta R.T. 0.000 min

Lab File: BP017743.D

Acq: 20 Oct 2023 16:07

Instrument :

BNP_P

ClientSampleId :

MDL-MED-SOIL-QT4-2023-07

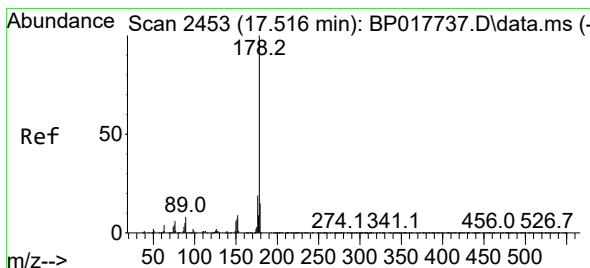
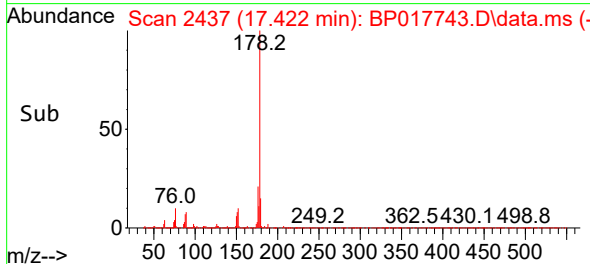
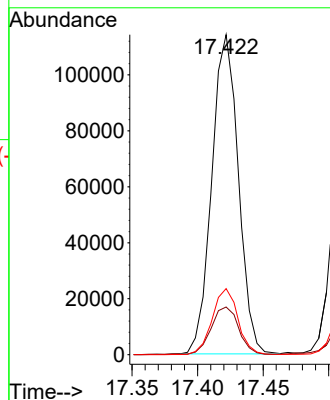
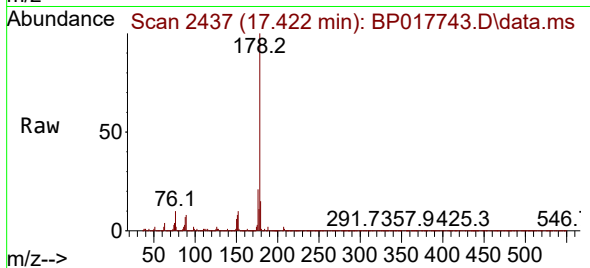
Tgt Ion:178 Resp: 160675
 Ion Ratio Lower Upper
 178 100
 179 14.9 12.2 18.2
 176 20.7 15.3 22.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/23/2023

Supervised By :mohammad ahmed 10/23/2023



#74

Anthracene

Concen: 4.487 ng/ul

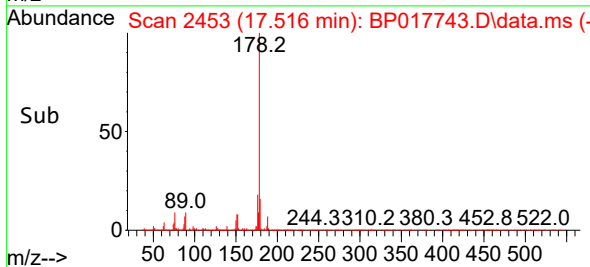
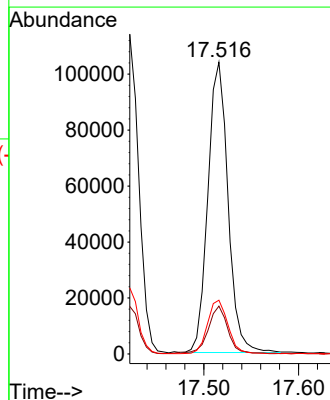
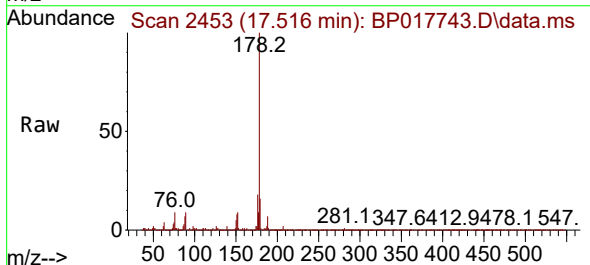
RT: 17.516 min Scan# 2453

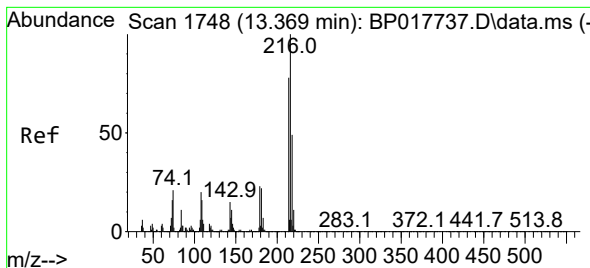
Delta R.T. 0.006 min

Lab File: BP017743.D

Acq: 20 Oct 2023 16:07

Tgt Ion:178 Resp: 153138
 Ion Ratio Lower Upper
 178 100
 179 16.4 12.0 18.0
 176 18.4 14.8 22.2





#75

1,2,3,4-Tetrachlorobenzene

Concen: 3.391 ng/uL

RT: 13.363 min Scan# 1

Delta R.T. 0.000 min

Lab File: BP017743.D

Acq: 20 Oct 2023 16:07

Instrument :

BNA_P

ClientSampleId :

MDL-MED-SOIL-QT4-2023-07

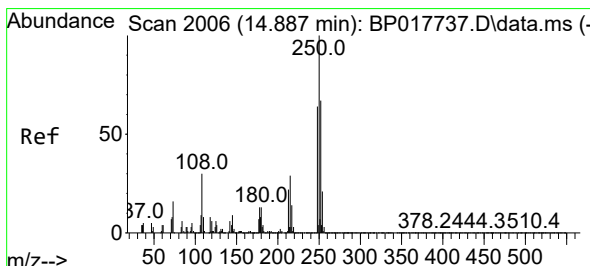
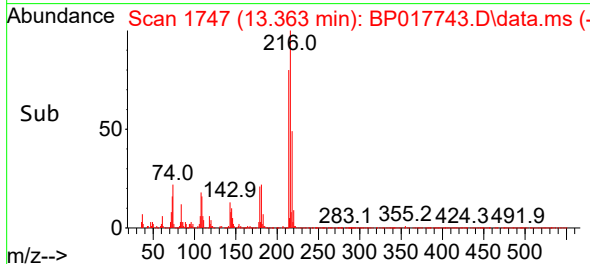
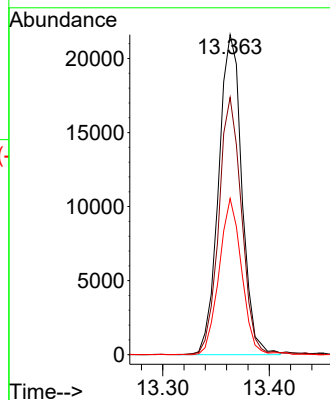
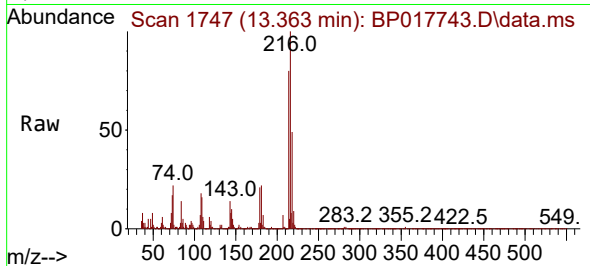
Tgt Ion:	216	Resp:	32720
Ion Ratio	Lower	Upper	
216	100		
214	80.4	60.7	91.1
218	48.8	38.2	57.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/23/2023

Supervised By :mohammad ahmed 10/23/2023



#76

Pentachlorobenzene

Concen: 3.641 ng/uL

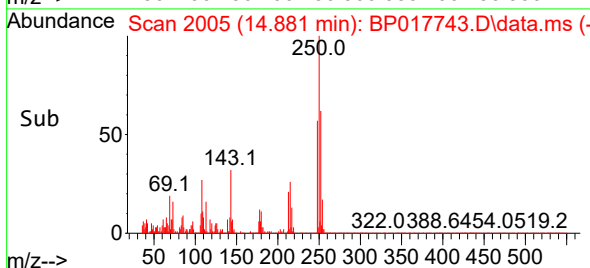
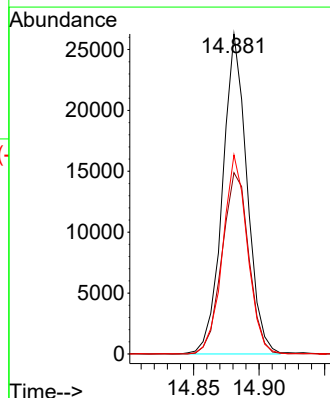
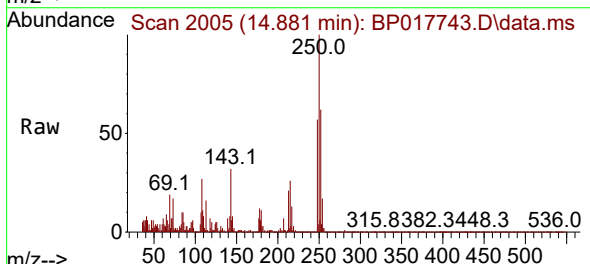
RT: 14.881 min Scan# 2005

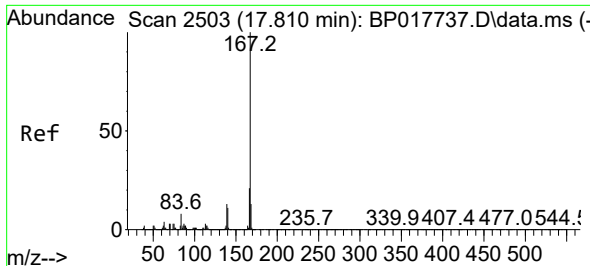
Delta R.T. 0.000 min

Lab File: BP017743.D

Acq: 20 Oct 2023 16:07

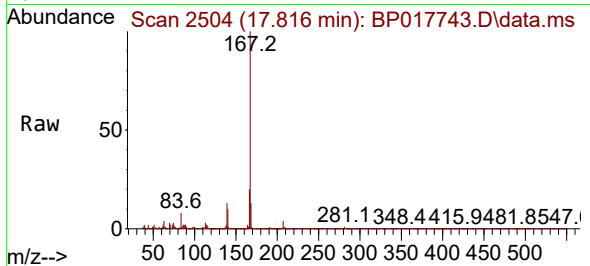
Tgt Ion:	250	Resp:	34056
Ion Ratio	Lower	Upper	
250	100		
248	56.7	50.2	75.4
252	62.2	49.6	74.4





#77
Carbazole
Concen: 4.098 ng/ul
RT: 17.816 min Scan# 2504
Delta R.T. 0.006 min
Lab File: BP017743.D
Acq: 20 Oct 2023 16:07

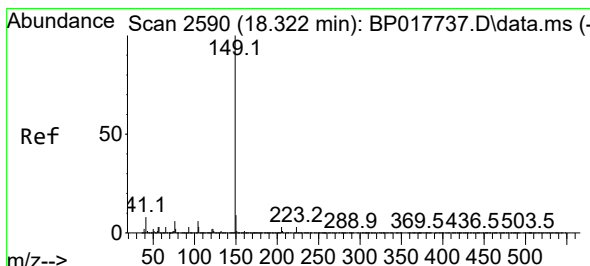
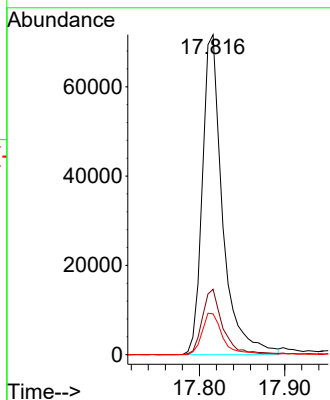
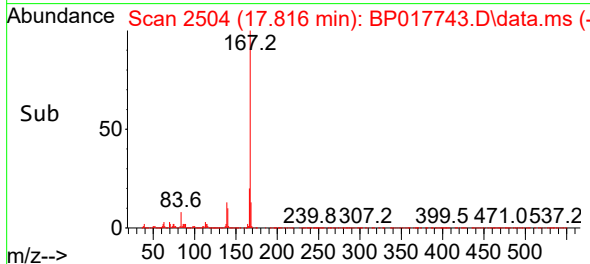
Instrument : BNA_P
ClientSampleId : MDL-MED-SOIL-QT4-2023-07



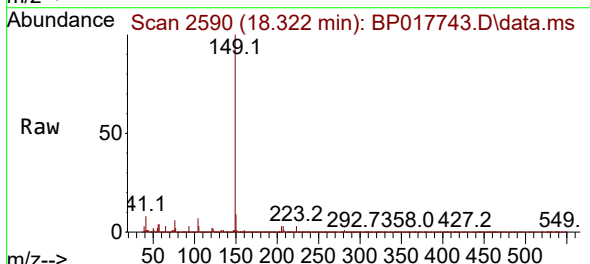
Tgt Ion:167 Resp: 118198
Ion Ratio Lower Upper
167 100
166 20.4 16.7 25.1
139 12.8 9.8 14.6

Manual Integrations
APPROVED

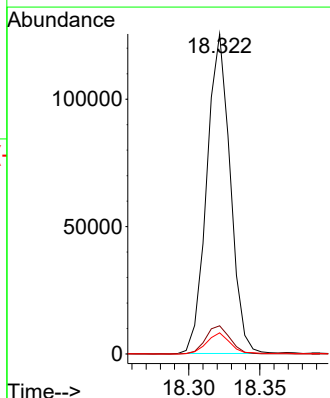
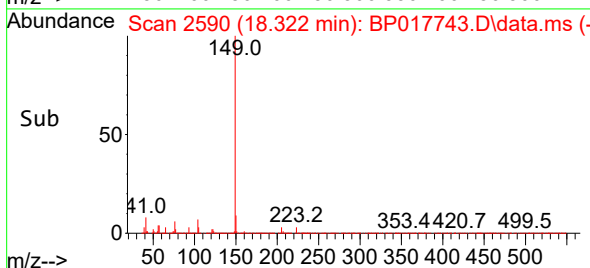
Reviewed By :Yogesh Patel 10/23/2023
Supervised By :mohammad ahmed 10/23/2023

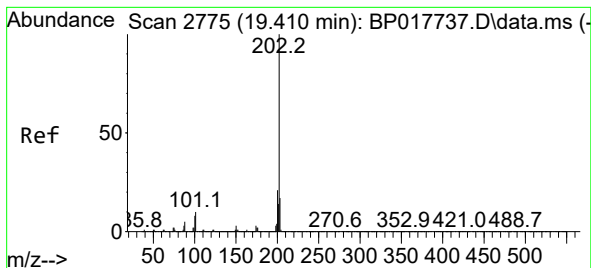


#78
Di-n-butylphthalate
Concen: 4.296 ng/ul
RT: 18.322 min Scan# 2590
Delta R.T. 0.000 min
Lab File: BP017743.D
Acq: 20 Oct 2023 16:07



Tgt Ion:149 Resp: 143882
Ion Ratio Lower Upper
149 100
150 8.8 7.2 10.8
104 6.6 4.3 6.5





#80

Fluoranthene

Concen: 4.946 ng/ul

RT: 19.410 min Scan# 2775

Delta R.T. 0.006 min

Lab File: BP017743.D

Acq: 20 Oct 2023 16:07

Instrument :

BNA_P

ClientSampleId :

MDL-MED-SOIL-QT4-2023-07

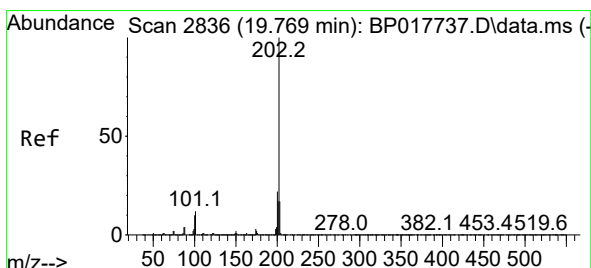
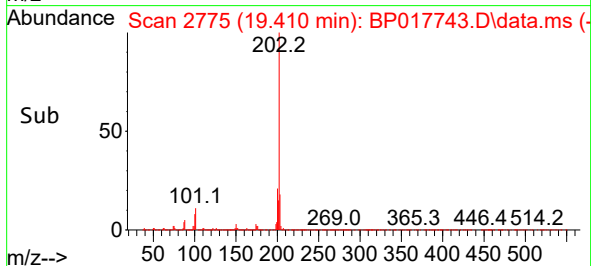
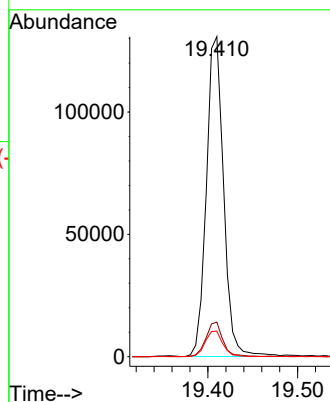
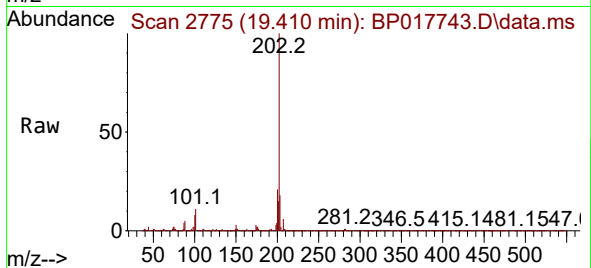
Tgt Ion:	202	Resp:	17442
Ion Ratio	Lower	Upper	
202	100		
101	10.8	7.1	10.7
100	8.0	5.7	8.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/23/2023

Supervised By :mohammad ahmed 10/23/2023



#82

Pyrene

Concen: 5.195 ng/ul

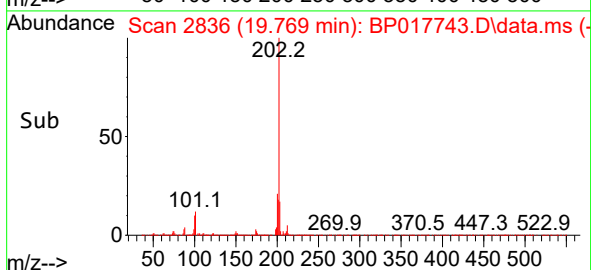
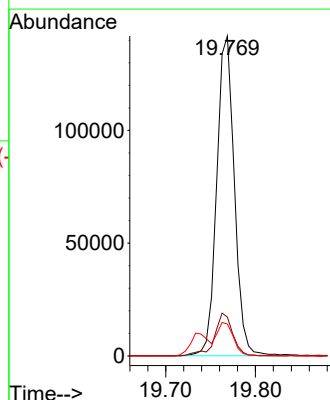
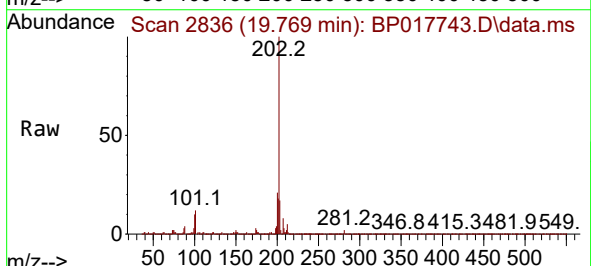
RT: 19.769 min Scan# 2836

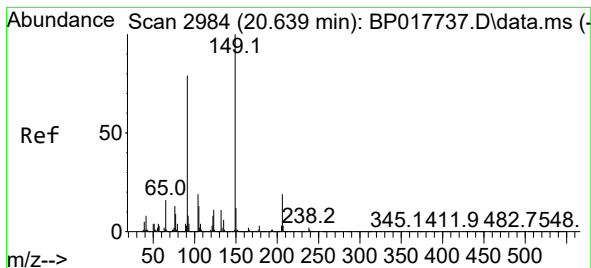
Delta R.T. 0.006 min

Lab File: BP017743.D

Acq: 20 Oct 2023 16:07

Tgt Ion:	202	Resp:	194097
Ion Ratio	Lower	Upper	
202	100		
101	12.1	8.3	12.5
100	10.0	7.4	11.0





#83

Butylbenzylphthalate

Concen: 4.306 ng/ul

RT: 20.639 min Scan# 2984

Delta R.T. 0.006 min

Lab File: BP017743.D

Acq: 20 Oct 2023 16:07

Instrument :

BNA_P

ClientSampleId :

MDL-MED-SOIL-QT4-2023-07

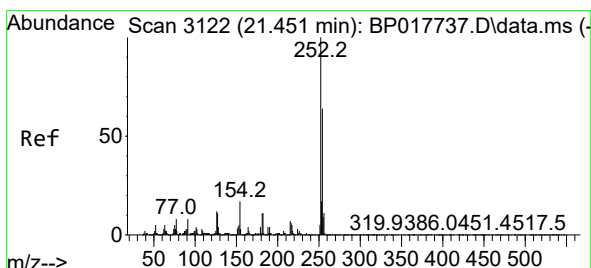
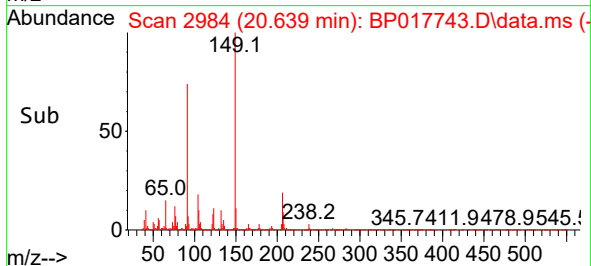
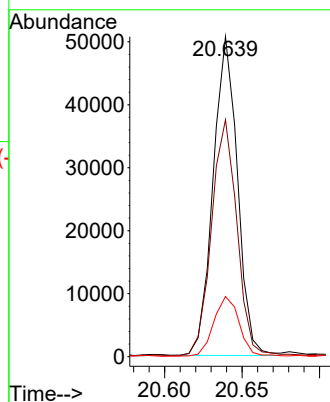
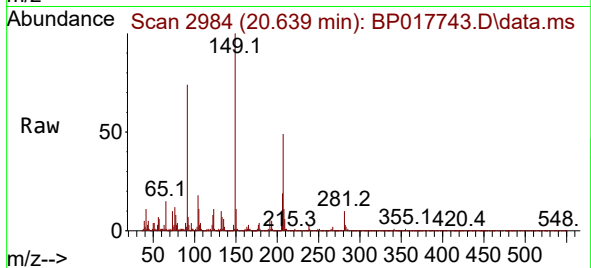
Tgt Ion:	149	Resp:	5534
Ion Ratio	Lower	Upper	
149	100		
91	74.1	58.8	88.2
206	18.8	17.5	26.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/23/2023

Supervised By :mohammad ahmed 10/23/2023



#84

3,3'-Dichlorobenzidine

Concen: 3.582 ng/ul

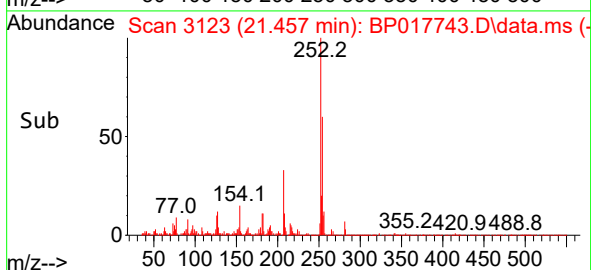
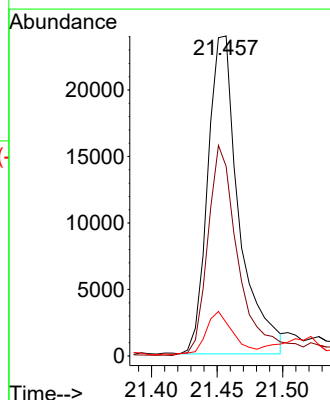
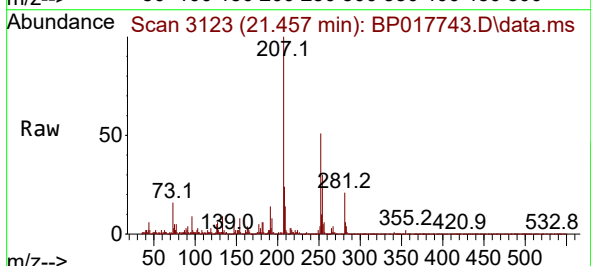
RT: 21.457 min Scan# 3123

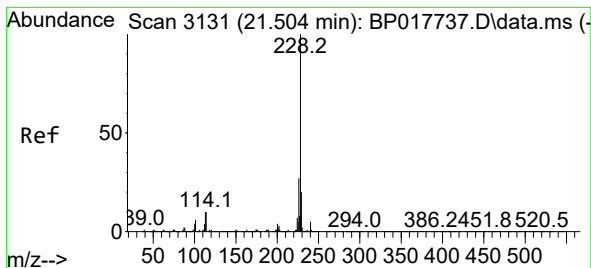
Delta R.T. 0.012 min

Lab File: BP017743.D

Acq: 20 Oct 2023 16:07

Tgt Ion:	252	Resp:	39629
Ion Ratio	Lower	Upper	
252	100		
254	59.2	51.8	77.8
126	10.5	7.8	11.6





#85

Benzo(a)anthracene

Concen: 4.549 ng/ul

RT: 21.504 min Scan# 3131

Delta R.T. 0.006 min

Lab File: BP017743.D

Acq: 20 Oct 2023 16:07

Instrument :

BNP_P

ClientSampleId :

MDL-MED-SOIL-QT4-2023-07

Tgt Ion:228 Resp: 169335

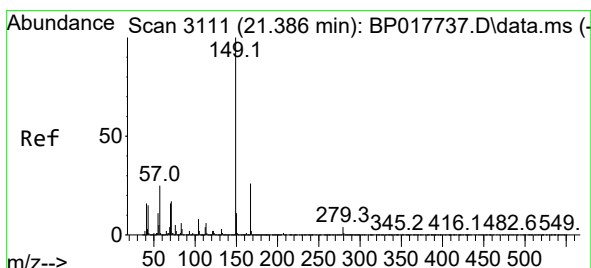
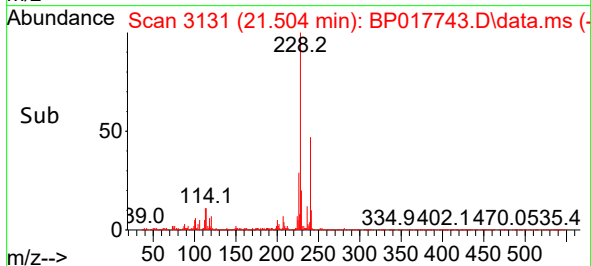
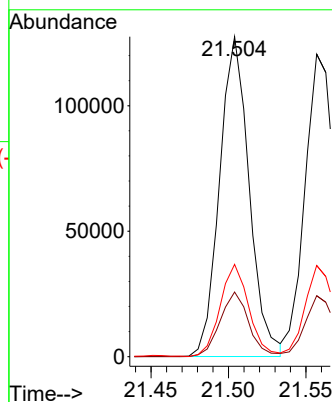
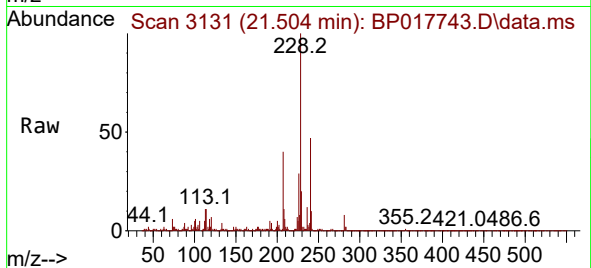
Ion	Ratio	Lower	Upper
228	100		
229	20.2	15.6	23.4
226	28.9	21.1	31.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/23/2023

Supervised By :mohammad ahmed 10/23/2023



#86

Bis(2-ethylhexyl)phthalate

Concen: 4.079 ng/ul

RT: 21.380 min Scan# 3110

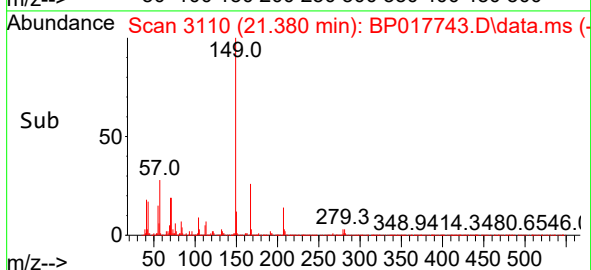
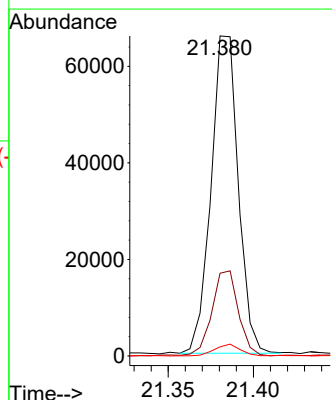
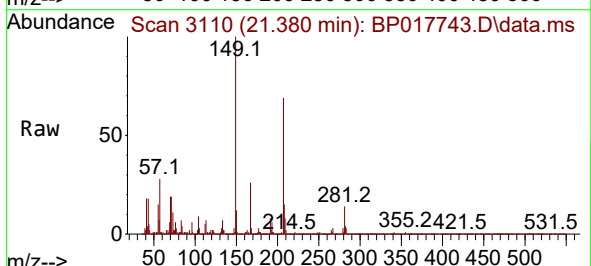
Delta R.T. 0.000 min

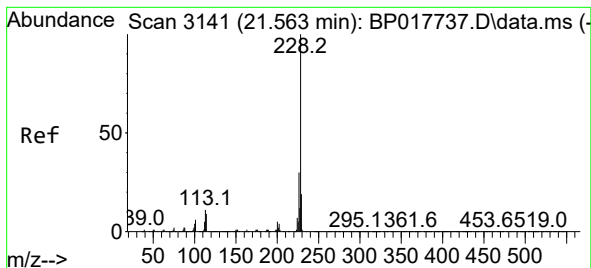
Lab File: BP017743.D

Acq: 20 Oct 2023 16:07

Tgt Ion:149 Resp: 73173

Ion	Ratio	Lower	Upper
149	100		
167	25.8	21.6	32.4
279	2.8	3.6	5.4





#87

Chrysene

Concen: 4.852 ng/ul

RT: 21.557 min Scan# 31

Delta R.T. 0.000 min

Lab File: BP017743.D

Acq: 20 Oct 2023 16:07

Instrument :

BNA_P

ClientSampleId :

MDL-MED-SOIL-QT4-2023-07

Tgt Ion:228 Resp: 17077

Ion Ratio Lower Upper

228 100

226 30.1 24.0 36.0

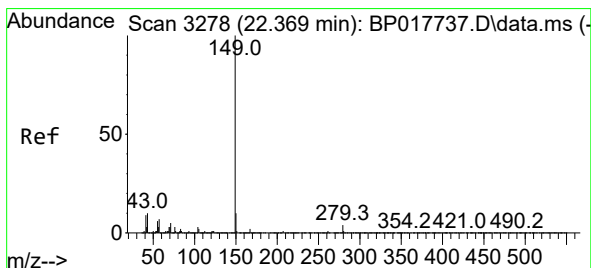
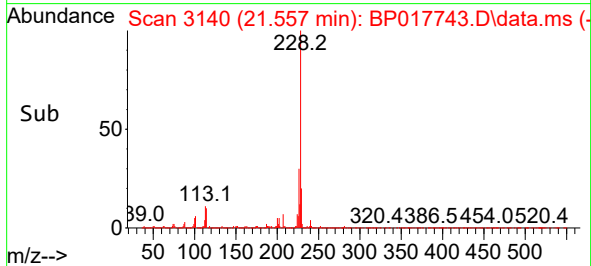
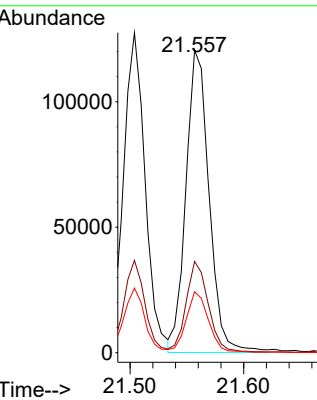
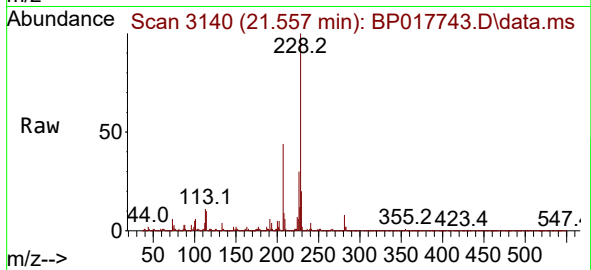
229 20.2 15.5 23.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/23/2023

Supervised By :mohammad ahmed 10/23/2023



#89

Di-n-octyl phthalate

Concen: 4.472 ng/ul

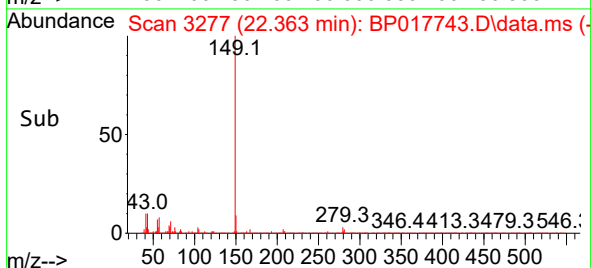
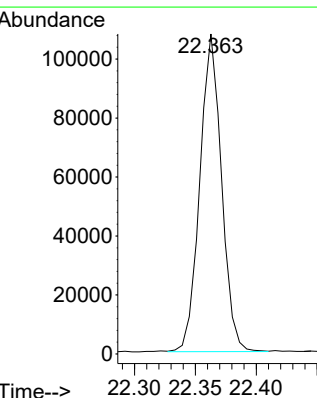
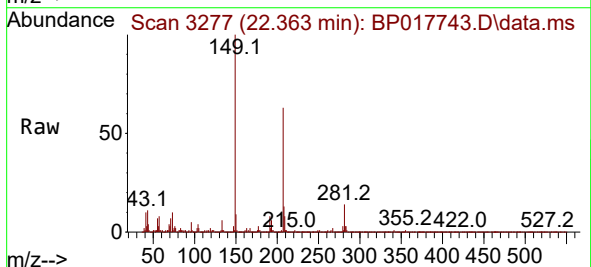
RT: 22.363 min Scan# 3277

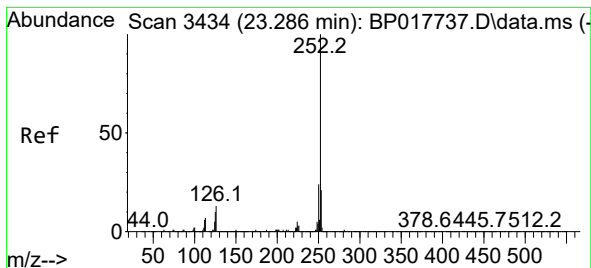
Delta R.T. 0.000 min

Lab File: BP017743.D

Acq: 20 Oct 2023 16:07

Tgt Ion:149 Resp: 133376





#90

Benzo(b)fluoranthene

Concen: 4.854 ng/ul

RT: 23.280 min Scan# 3434

Delta R.T. 0.006 min

Lab File: BP017743.D

Acq: 20 Oct 2023 16:07

Instrument :

BNA_P

ClientSampleId :

MDL-MED-SOIL-QT4-2023-07

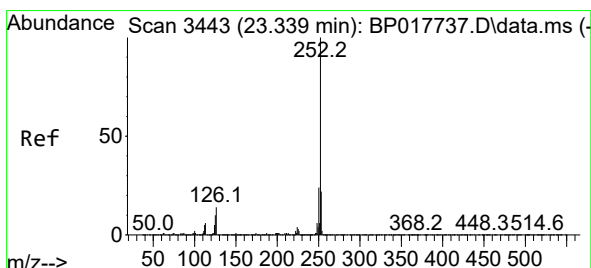
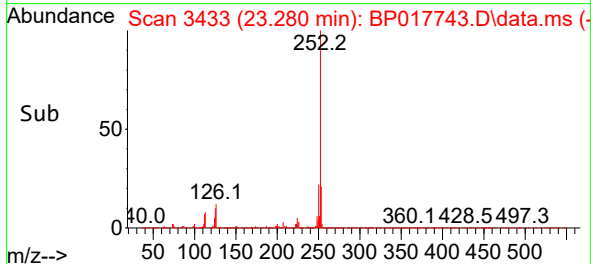
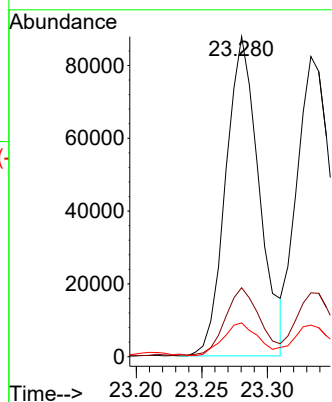
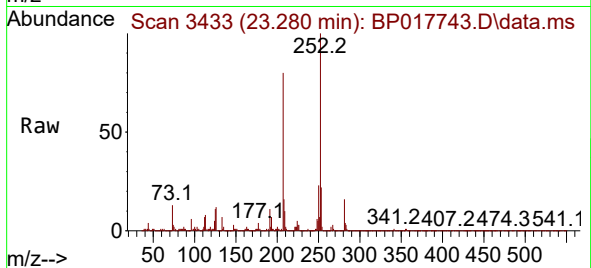
Tgt Ion:252 Resp: 155552
 Ion Ratio Lower Upper
 252 100
 253 21.5 17.4 26.0
 125 10.6 7.1 10.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/23/2023

Supervised By :mohammad ahmed 10/23/2023



#91

Benzo(k)fluoranthene

Concen: 4.686 ng/ul

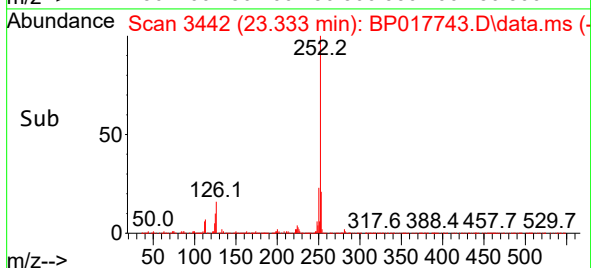
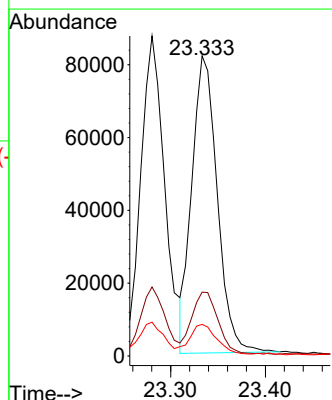
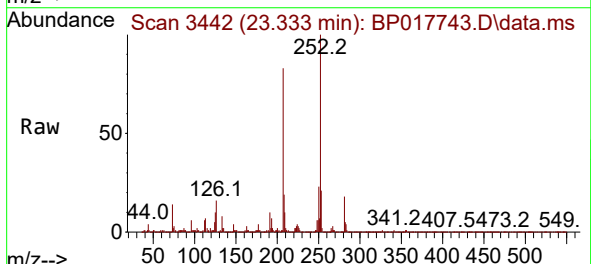
RT: 23.333 min Scan# 3442

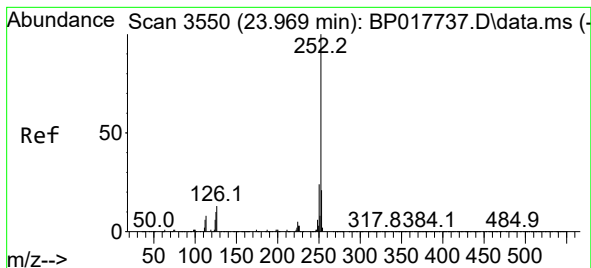
Delta R.T. 0.006 min

Lab File: BP017743.D

Acq: 20 Oct 2023 16:07

Tgt Ion:252 Resp: 152203
 Ion Ratio Lower Upper
 252 100
 253 21.2 17.5 26.3
 125 10.5 7.0 10.6





#93

Benzo(a)pyrene

Concen: 4.915 ng/ul

RT: 23.963 min Scan# 3550

Delta R.T. 0.006 min

Lab File: BP017743.D

Acq: 20 Oct 2023 16:07

Instrument :

BNA_P

ClientSampleId :

MDL-MED-SOIL-QT4-2023-07

Tgt Ion:252 Resp: 14787

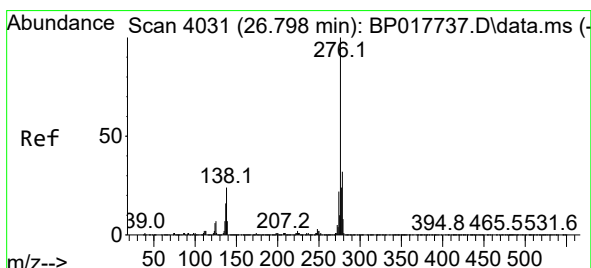
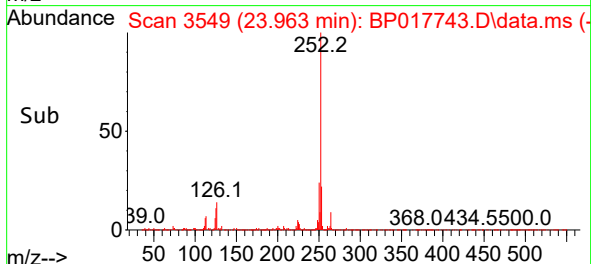
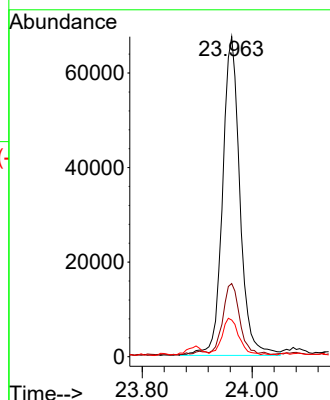
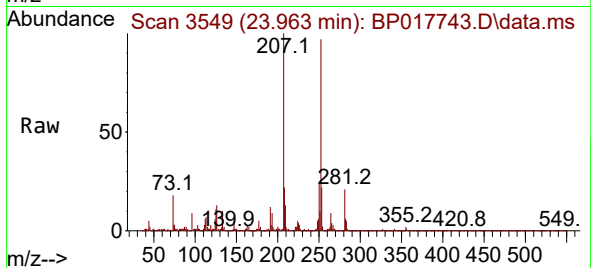
Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.4	26.2
125	11.4	7.8	11.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/23/2023

Supervised By :mohammad ahmed 10/23/2023



#94

Indeno(1,2,3-cd)pyrene

Concen: 4.633 ng/ul

RT: 26.798 min Scan# 4031

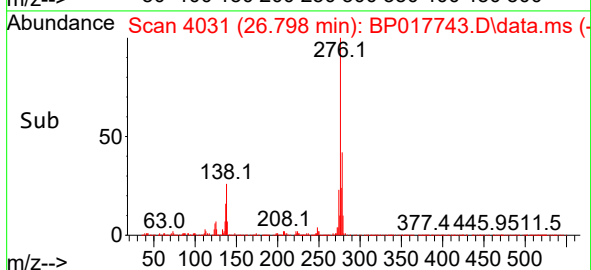
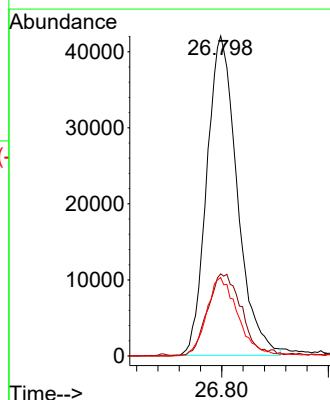
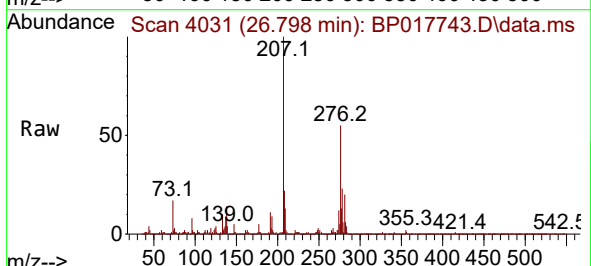
Delta R.T. 0.018 min

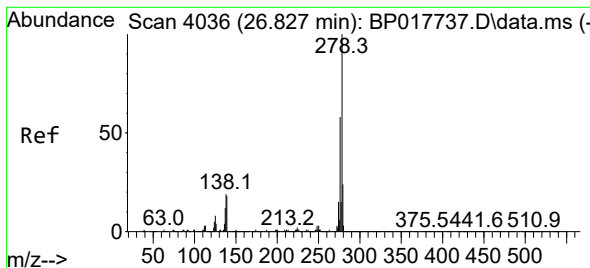
Lab File: BP017743.D

Acq: 20 Oct 2023 16:07

Tgt Ion:276 Resp: 166112

Ion	Ratio	Lower	Upper
276	100		
138	25.6	15.6	23.4
277	24.5	19.4	29.2





#95

Dibenzo(a,h)anthracene

Concen: 4.598 ng/ul

RT: 26.821 min Scan# 4036

Delta R.T. 0.012 min

Lab File: BP017743.D

Acq: 20 Oct 2023 16:07

Instrument :

BNA_P

ClientSampleId :

MDL-MED-SOIL-QT4-2023-07

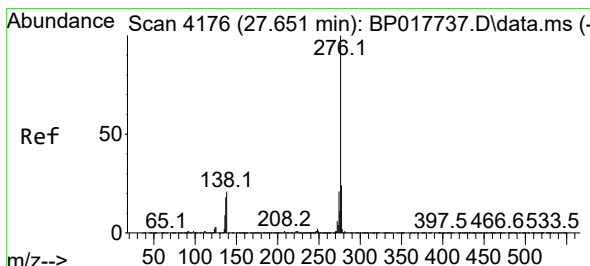
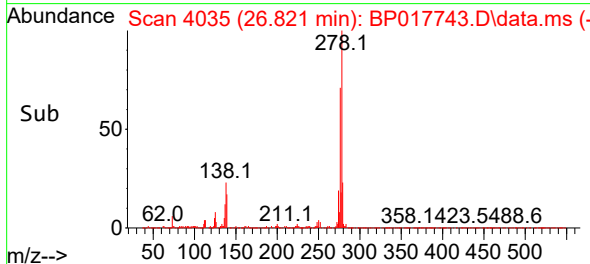
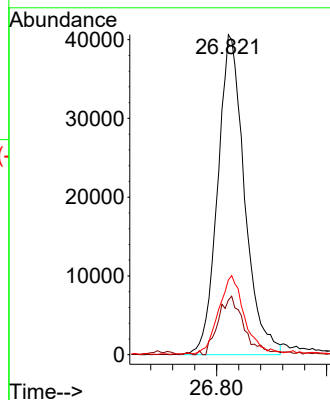
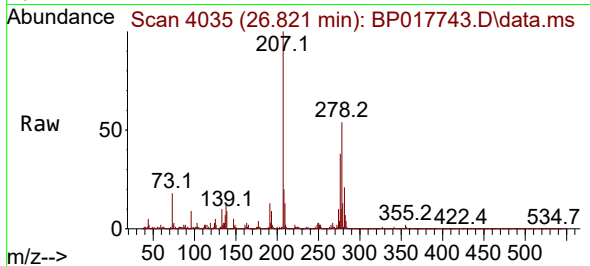
Tgt Ion:	278	Resp:	13755
Ion Ratio	Lower	Upper	
278	100		
139	17.1	11.4	17.2
279	23.4	18.8	28.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/23/2023

Supervised By :mohammad ahmed 10/23/2023



#96

Benzo(g,h,i)perylene

Concen: 4.790 ng/ul

RT: 27.645 min Scan# 4175

Delta R.T. 0.018 min

Lab File: BP017743.D

Acq: 20 Oct 2023 16:07

Tgt Ion:	276	Resp:	138383
Ion Ratio	Lower	Upper	
276	100		
138	23.5	15.0	22.6#
277	22.6	18.5	27.7

