

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101623\
 Data File : BP017689.D
 Acq On : 16 Oct 2023 19:04
 Operator : MA/JU
 Sample : 03573-03
 Misc : SFAM-MDL-SOIL-01
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MDL-SOIL-QT3-2023-05

Quant Time: Oct 17 01:00:24 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101223.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 12 16:14:36 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh
 Patel

10/17/2023
 Supervised By :mohammad
 ahmed

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.905	152	112862	20.000	ng/u1	0.00
20) Naphthalene-d8	10.740	136	451328	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.604	164	298903	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.398	188	718154	20.000	ng/u1	0.00
79) Chrysene-d12	21.539	240	832468	20.000	ng/u1	0.00
88) Perylene-d12	24.110	264	978966	20.000	ng/u1	0.00

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.264	96	15675	5.121	ng/uL	0.00
4) Pyridine-d5	3.699	84	196008	23.163	ng/u1	0.00
7) Phenol-d5	7.058	99	226617	21.567	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.246	67	143473	22.516	ng/u1	0.00
11) 2-Chlorophenol-d4	7.422	132	183295	22.536	ng/u1	0.00
15) 4-Methylphenol-d8	8.622	113	175172	20.872	ng/u1	0.00
21) Nitrobenzene-d5	9.110	128	87999	23.213	ng/u1	0.00
24) 2-Nitrophenol-d4	9.828	143	92576	21.715	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.357	165	172246	21.497	ng/u1	0.00
31) 4-Chloroaniline-d4	10.910	131	249603	21.734	ng/u1	0.00
46) Dimethylphthalate-d6	14.022	166	586315	22.649	ng/u1	0.00
49) Acenaphthylene-d8	14.298	160	629792	22.592	ng/u1	0.00
54) 4-Nitrophenol-d4	14.857	143	91513m	21.137	ng/u1	0.00
60) Fluorene-d10	15.610	176	534988	24.295	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.757	200	81927	16.140	ng/u1	0.00
73) Anthracene-d10	17.498	188	865289	23.340	ng/u1	0.00
81) Pyrene-d10	19.757	212	1120729	22.368	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.939	264	1315939	23.944	ng/u1	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.305	88	3389	1.044	ng/uL	90
5) Pyridine	3.723	79	31442	3.618	ng/u1#	59
6) Benzaldehyde	7.069	77	27723	5.209	ng/u1	85
8) Phenol	7.081	94	36014	3.453	ng/u1	92
10) Bis(2-Chloroethyl)ether	7.346	93	30733	3.673	ng/u1	98
12) 2-Chlorophenol	7.458	128	29143	3.586	ng/u1	97
13) 2-Methylphenol	8.358	108	22458	2.893	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.422	45	37734	3.495	ng/u1#	95
16) Acetophenone	8.763	105	45023	3.448	ng/u1	96
17) N-Nitroso-di-n-propyla...	8.728	70	21984	3.326	ng/u1#	97
18) 4-Methylphenol	8.693	108	28208	3.343	ng/u1	92
19) Hexachloroethane	8.963	117	13665	3.764	ng/u1	97
22) Nitrobenzene	9.158	77	37719	3.874	ng/u1	95
23) Isophorone	9.669	82	57790	3.292	ng/u1	100
25) 2-Nitrophenol	9.863	139	15583	3.436	ng/u1	93
26) 2,4-Dimethylphenol	9.905	107	30195	3.351	ng/u1	96
27) Bis(2-Chloroethoxy)met...	10.163	93	39838	3.713	ng/u1	97
29) 2,4-Dichlorophenol	10.387	162	27548	3.563	ng/u1	95
30) Naphthalene	10.787	128	100366	3.825	ng/u1	99
32) 4-Chloroaniline	10.934	127	38627	3.517	ng/u1	96
33) Hexachlorobutadiene	11.010	225	23295	3.897	ng/u1	96
34) Caprolactam	11.757	113	12542	5.304	ng/u1	94
35) 4-Chloro-3-methylphenol	12.063	107	23989	2.941	ng/u1	98
36) 2-Methylnaphthalene	12.410	142	65146	3.626	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.628	142	68769	3.771	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.763	216	39579	3.630	ng/ul	94
40) Hexachlorocyclopentadiene	12.704	237	15384	3.140	ng/ul#	93
41) 2,4,6-Trichlorophenol	13.028	196	19703	2.934	ng/ul	94
42) 2,4,5-Trichlorophenol	13.110	196	22709m	3.203	ng/ul	
43) 1,1'-Biphenyl	13.428	154	90959	3.713	ng/ul	98
44) 2-Chloronaphthalene	13.481	162	70797	3.612	ng/ul	97
45) 2-Nitroaniline	13.728	65	15082m	2.784	ng/ul	
47) Dimethylphthalate	14.069	163	92910	3.634	ng/ul	99
48) 2,6-Dinitrotoluene	14.222	165	13139	2.777	ng/ul#	93
50) Acenaphthylene	14.328	152	116719	3.701	ng/ul	99
51) 3-Nitroaniline	14.575	138	12995m	2.723	ng/ul	
52) Acenaphthene	14.669	153	80597	3.842	ng/ul	97
53) 2,4-Dinitrophenol	14.787	184	13724	4.697	ng/ul	97
55) 4-Nitrophenol	14.875	109	16231m	4.001	ng/ul	
56) Dibenzofuran	15.010	168	115029	3.823	ng/ul	98
57) 2,4-Dinitrotoluene	15.016	165	22540	3.086	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.234	232	20332	3.100	ng/ul#	96
59) Diethylphthalate	15.434	149	88972	3.470	ng/ul	99
61) Fluorene	15.663	166	92859	3.743	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.657	204	49532	3.755	ng/ul	92
63) 4-Nitroaniline	15.745	138	17102m	3.606	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.769	198	15224	2.864	ng/ul#	87
67) N-Nitrosodiphenylamine	15.887	169	77095	3.593	ng/ul	98
68) 4-Bromophenyl-phenylether	16.569	248	29264	3.379	ng/ul	90
69) Hexachlorobenzene	16.645	284	39547	3.837	ng/ul	96
70) Atrazine	16.851	200	25394	3.058	ng/ul	93
71) Pentachlorophenol	17.028	266	21123	3.384	ng/ul	91
72) Phenanthrene	17.439	178	157465	3.727	ng/ul	97
74) Anthracene	17.534	178	157259	3.680	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.381	216	39124	3.453	ng/uL	98
76) Pentachlorobenzene	14.898	250	44954	3.866	ng/uL	98
77) Carbazole	17.828	167	128106	3.310	ng/ul	99
78) Di-n-butylphthalate	18.339	149	134105	2.814	ng/ul	99
80) Fluoranthene	19.428	202	186354	3.255	ng/ul	98
82) Pyrene	19.786	202	215885	3.609	ng/ul	99
83) Butylbenzylphthalate	20.657	149	56397	2.423	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.469	252	77661	3.642	ng/ul	92
85) Benzo(a)anthracene	21.522	228	226632	3.550	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.398	149	76806	2.183	ng/ul	96
87) Chrysene	21.580	228	218679	3.712	ng/ul	99
89) Di-n-octyl phthalate	22.386	149	143072	2.238	ng/ul	100
90) Benzo(b)fluoranthene	23.310	252	239159	3.587	ng/ul	99
91) Benzo(k)fluoranthene	23.363	252	233740	3.524	ng/ul	99
93) Benzo(a)pyrene	23.992	252	220756	3.556	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.839	276	276747	3.635	ng/ul	98
95) Dibenzo(a,h)anthracene	26.868	278	230297	3.609	ng/ul	98
96) Benzo(g,h,i)perylene	27.698	276	224049	3.701	ng/ul	99

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

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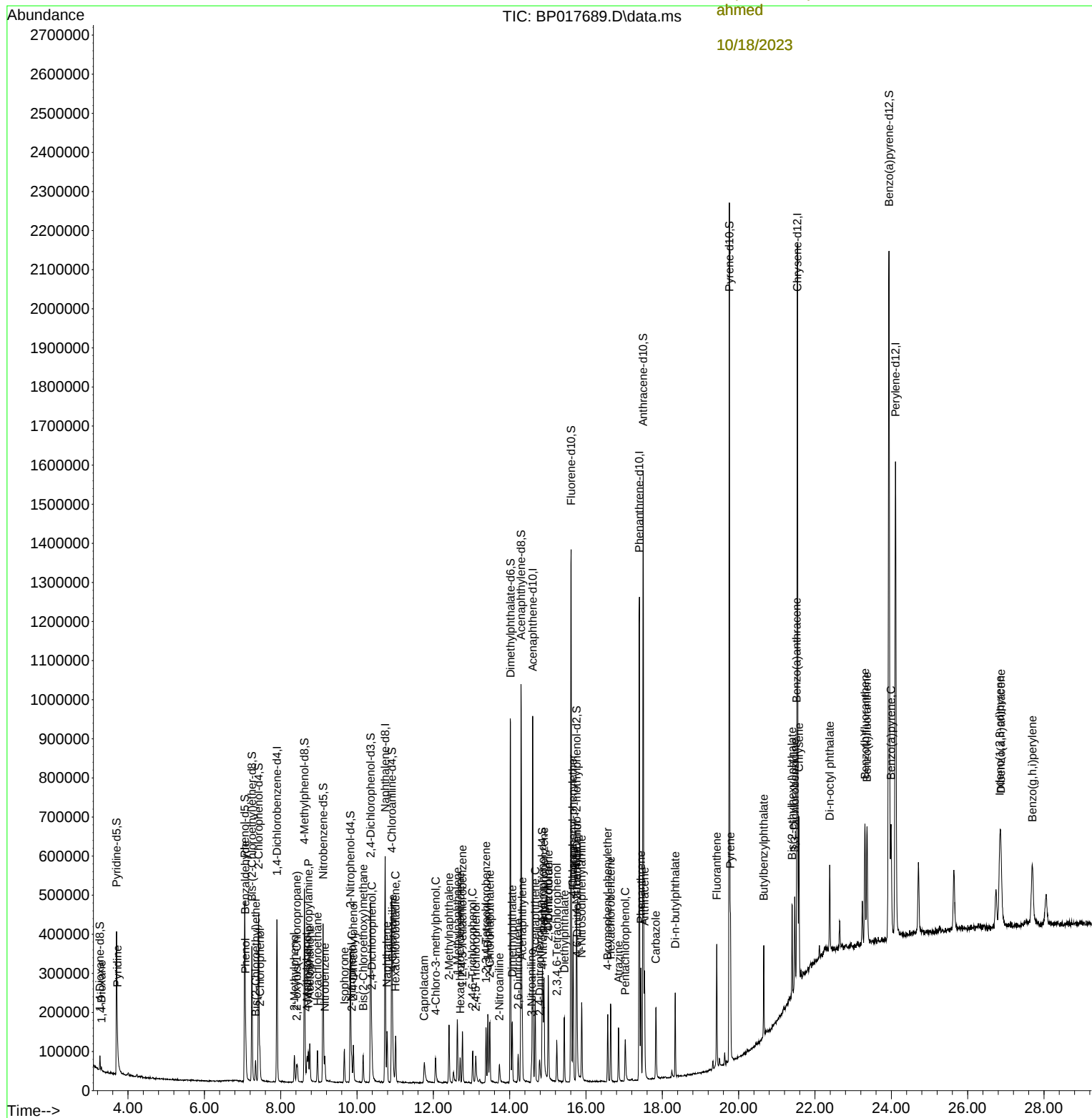
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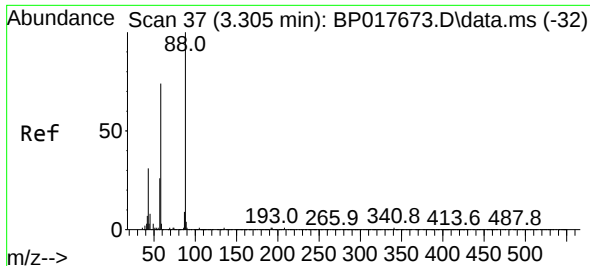
Manual Integrations APPROVED

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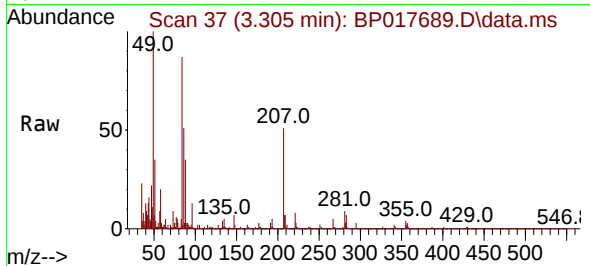
10/18/2023





#2
1,4-Dioxane
Concen: 1.044 ng/uL
RT: 3.305 min Scan# 31
Delta R.T. 0.000 min
Lab File: BP017689.D
Acq: 16 Oct 2023 19:04

Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-QT3-2023-05



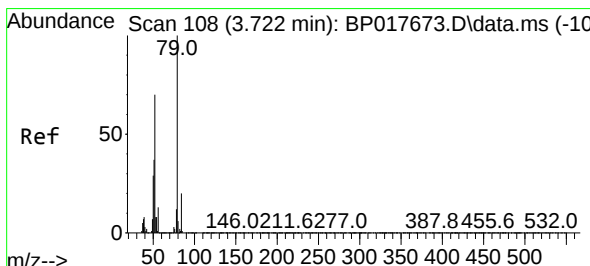
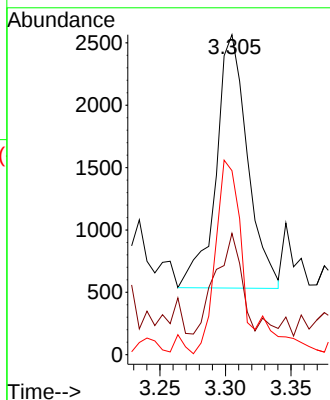
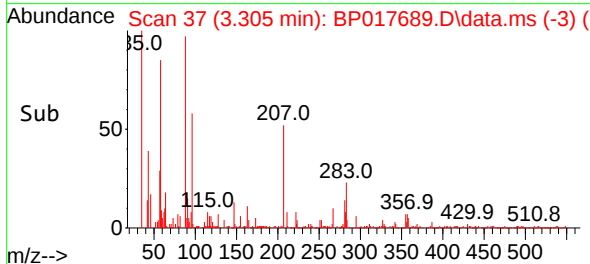
Tgt Ion: 88 Resp: 3389
Ion Ratio Lower Upper
88 100
43 37.9 27.3 40.9
58 57.5 53.3 79.9

Manual Integrations
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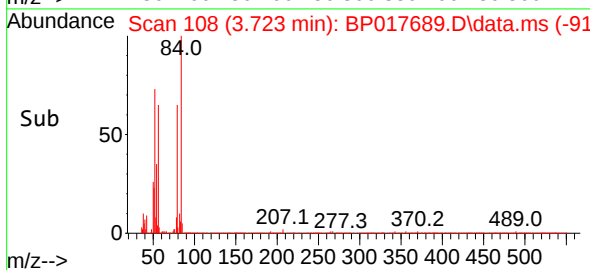
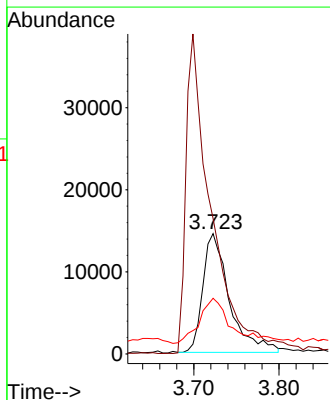
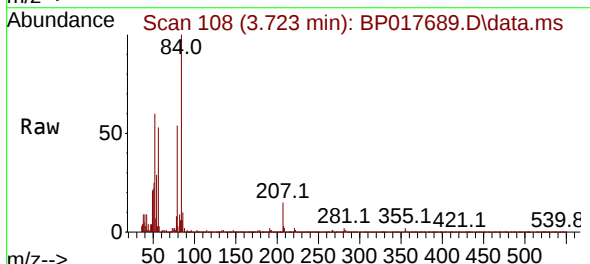
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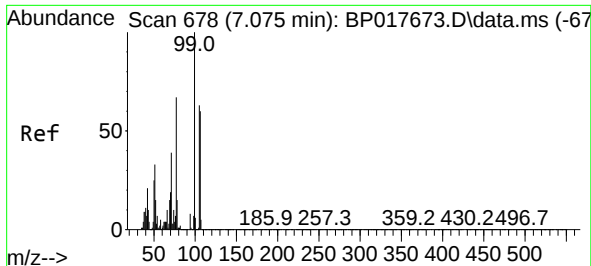
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#5
Pyridine
Concen: 3.618 ng/uL
RT: 3.723 min Scan# 108
Delta R.T. 0.000 min
Lab File: BP017689.D
Acq: 16 Oct 2023 19:04

Tgt Ion: 79 Resp: 31442
Ion Ratio Lower Upper
79 100
52 112.5 55.8 83.6#
51 46.3 28.7 43.1#





#6
Benzaldehyde
Concen: 5.209 ng/ul
RT: 7.069 min Scan# 61
Delta R.T. 0.006 min
Lab File: BP017689.D
Acq: 16 Oct 2023 19:04

Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-QT3-2023-05

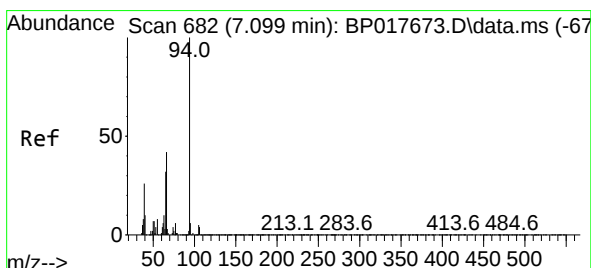
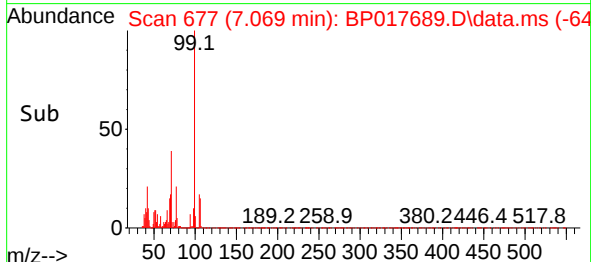
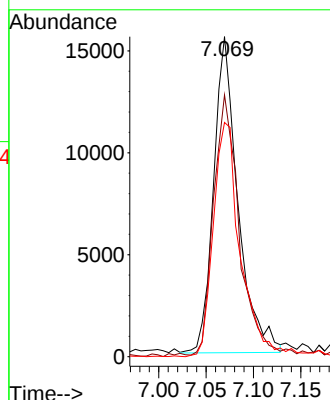
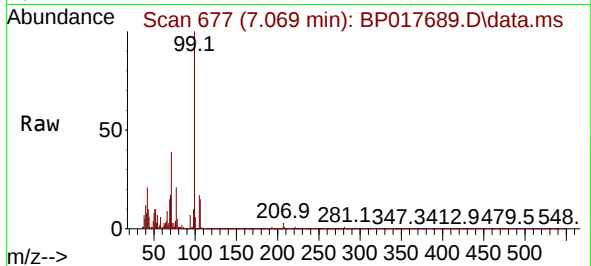
Tgt Ion: 77 Resp: 2772
Ion Ratio Lower Upper
77 100
105 81.8 74.9 112.3
106 73.2 72.2 108.2

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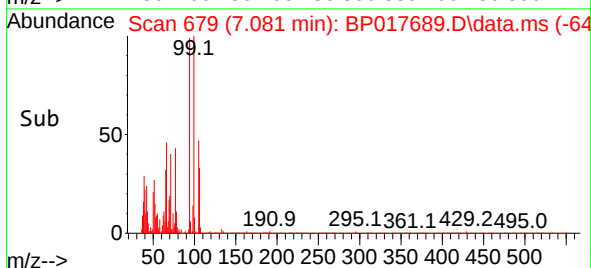
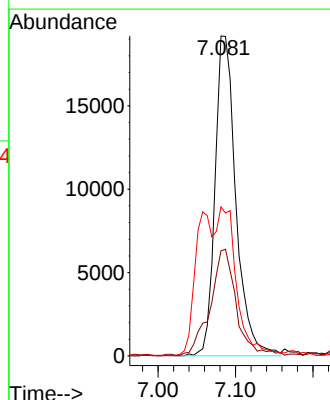
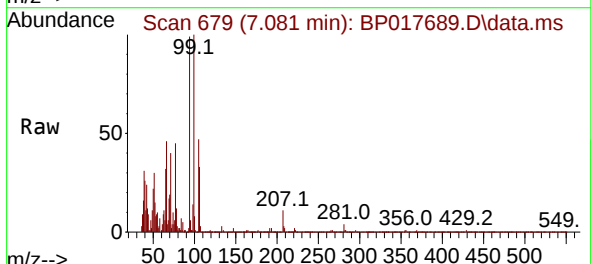
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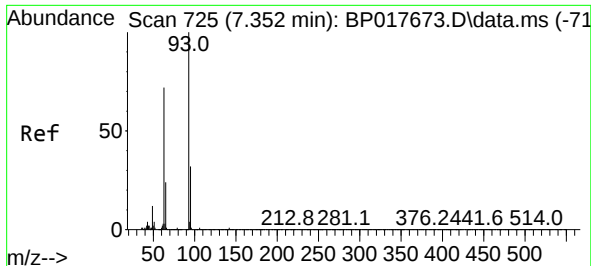
10/18/2023



#8
Phenol
Concen: 3.453 ng/ul
RT: 7.081 min Scan# 679
Delta R.T. -0.012 min
Lab File: BP017689.D
Acq: 16 Oct 2023 19:04

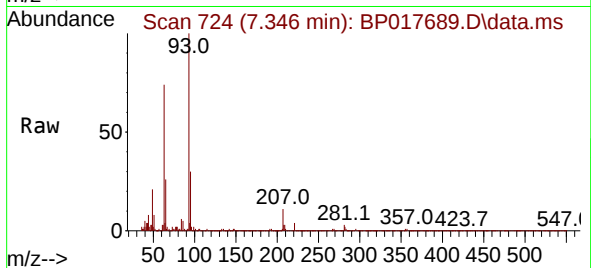
Tgt Ion: 94 Resp: 36014
Ion Ratio Lower Upper
94 100
65 32.8 24.2 36.4
66 46.6 31.8 47.6





#10
Bis(2-Chloroethyl)ether
Concen: 3.673 ng/ul
RT: 7.346 min Scan# 701
Delta R.T. 0.000 min
Lab File: BP017689.D
Acq: 16 Oct 2023 19:04

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ClientSampleId :
MDL-SOIL-QT3-2023-05



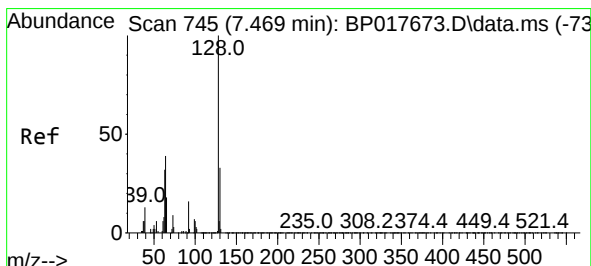
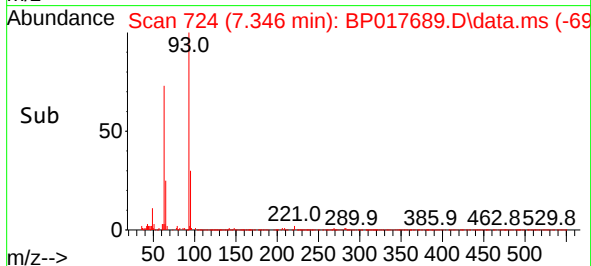
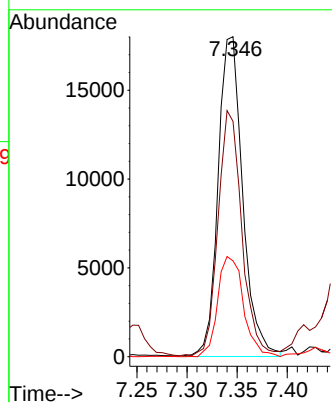
Tgt Ion: 93 Resp: 3073
Ion Ratio Lower Upper
93 100
63 73.5 59.4 89.2
95 29.9 25.3 37.9

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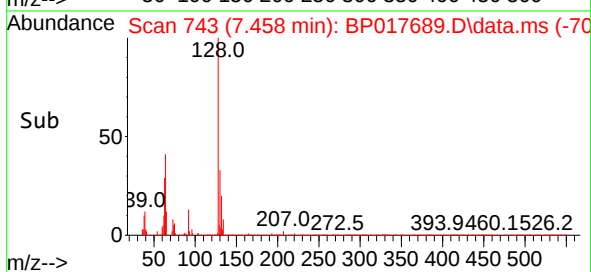
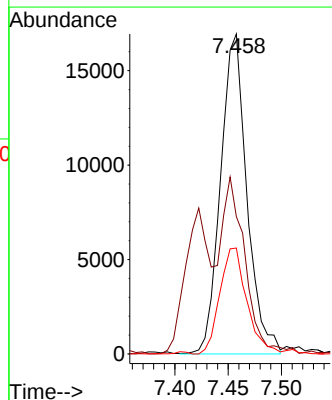
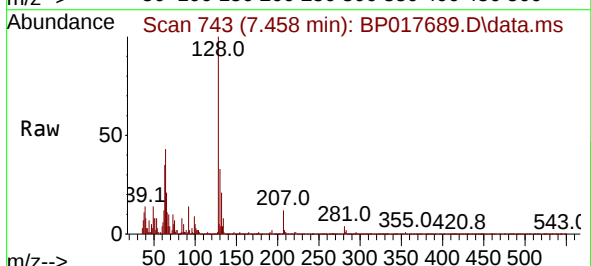
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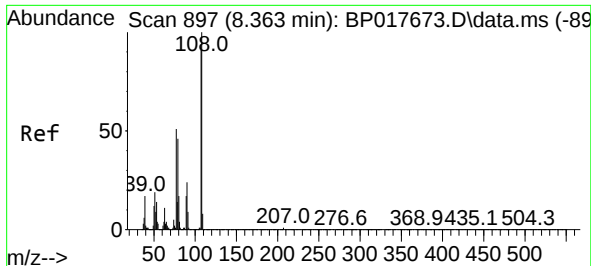
10/18/2023



#12
2-Chlorophenol
Concen: 3.586 ng/ul
RT: 7.458 min Scan# 743
Delta R.T. 0.000 min
Lab File: BP017689.D
Acq: 16 Oct 2023 19:04

Tgt Ion:128 Resp: 29143
Ion Ratio Lower Upper
128 100
64 42.9 36.9 55.3
130 33.1 25.8 38.8





#13
2-Methylphenol
Concen: 2.893 ng/ul
RT: 8.358 min Scan# 897
Delta R.T. 0.000 min
Lab File: BP017689.D
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BNA_P
ClientSampleId :
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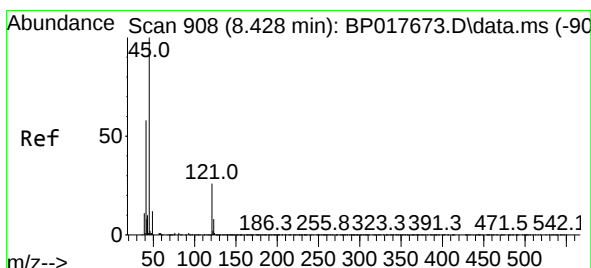
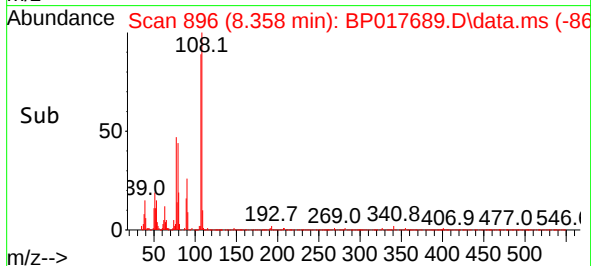
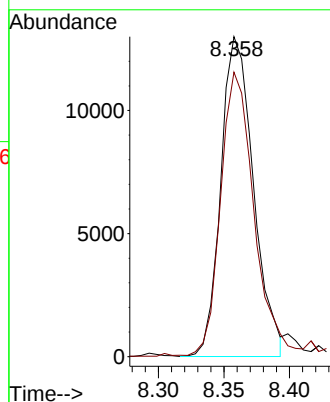
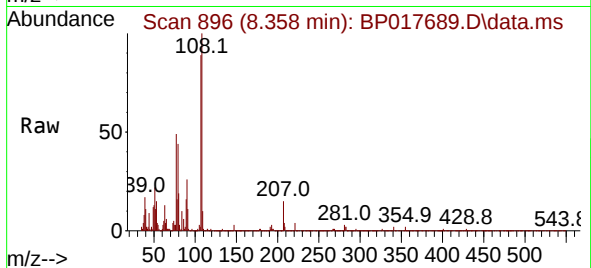
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Ion Ratio Lower Upper
108 100
107 88.9 70.2 105.2

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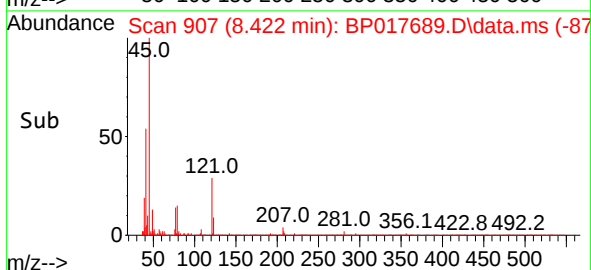
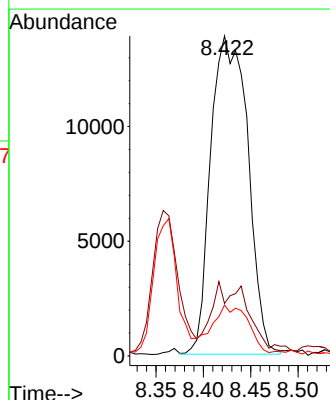
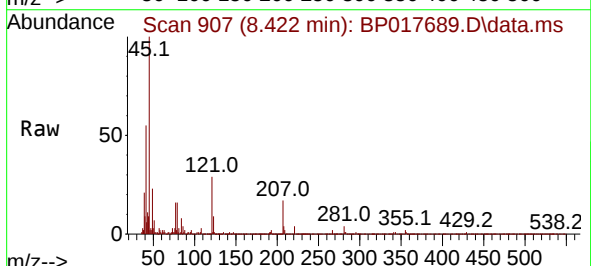
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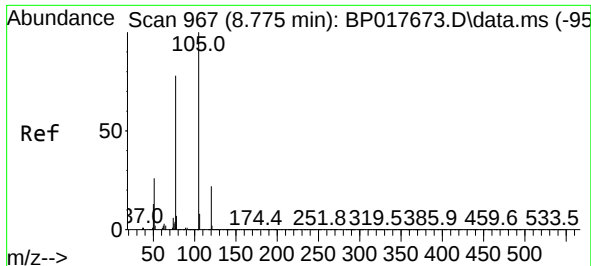
10/18/2023



#14
2,2'-oxybis(1-Chloropropane)
Concen: 3.495 ng/ul
RT: 8.422 min Scan# 907
Delta R.T. 0.000 min
Lab File: BP017689.D
Acq: 16 Oct 2023 19:04

Tgt Ion: 45 Resp: 37734
Ion Ratio Lower Upper
45 100
77 16.4 13.0 19.6
79 15.9 9.5 14.3#





#16
Acetophenone
Concen: 3.448 ng/ul
RT: 8.763 min Scan# 90
Delta R.T. 0.000 min
Lab File: BP017689.D
Acq: 16 Oct 2023 19:04

Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-QT3-2023-05

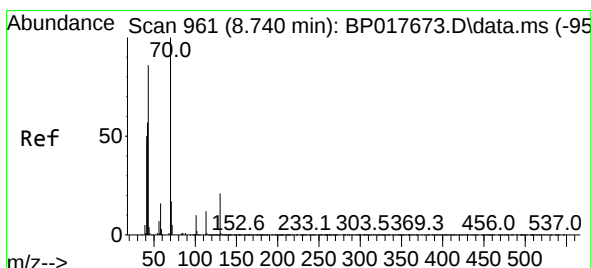
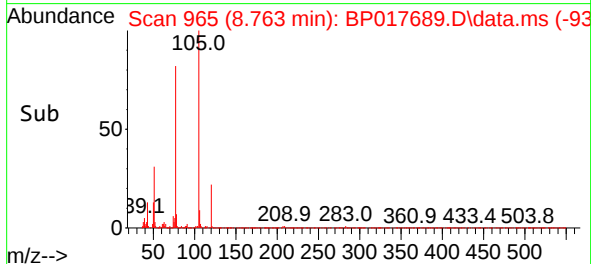
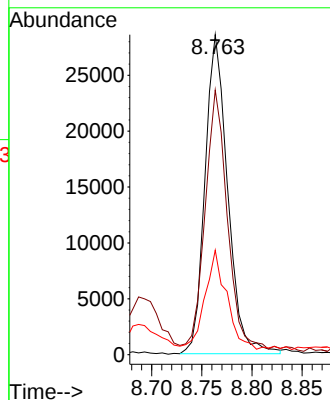
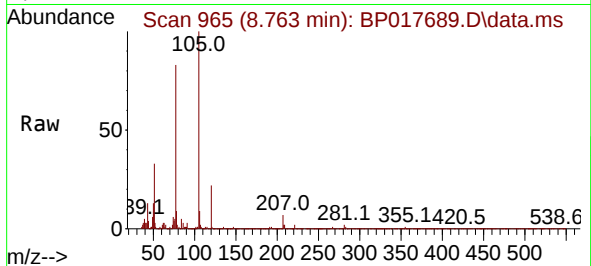
Tgt Ion:105 Resp: 4502
Ion Ratio Lower Upper
105 100
77 82.7 64.3 96.5
51 32.7 22.6 33.8

Manual Integrations
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Reviewed By :Yogesh
Patel

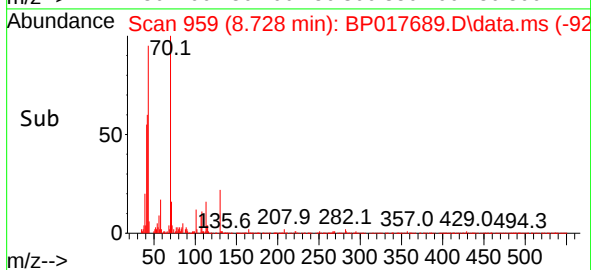
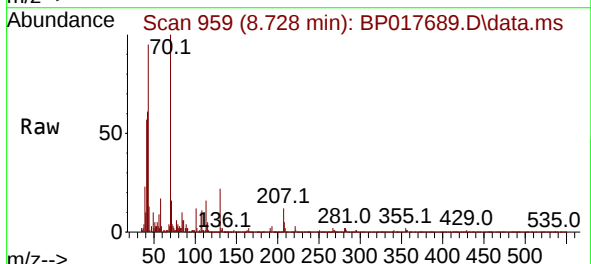
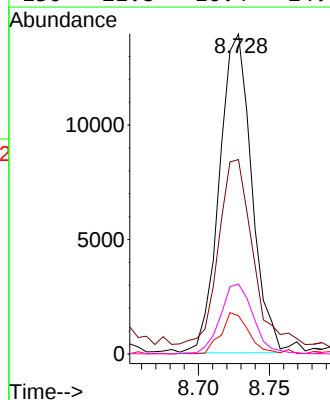
10/17/2023
Supervised By :mohammad
ahmed

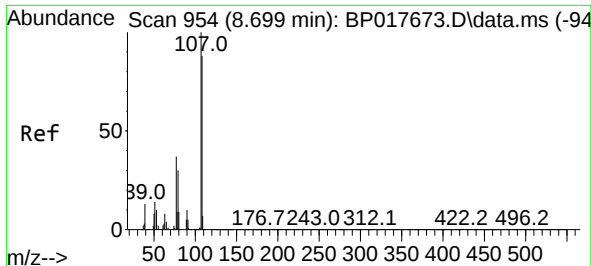
10/18/2023



#17
N-Nitroso-di-n-propylamine
Concen: 3.326 ng/ul
RT: 8.728 min Scan# 959
Delta R.T. 0.000 min
Lab File: BP017689.D
Acq: 16 Oct 2023 19:04

Tgt Ion: 70 Resp: 21984
Ion Ratio Lower Upper
70 100
42 60.7 46.6 70.0
101 12.0 7.8 11.6#
130 21.8 16.4 24.6





#18
4-Methylphenol
Concen: 3.343 ng/ul
RT: 8.693 min Scan# 911
Delta R.T. 0.000 min
Lab File: BP017689.D
Acq: 16 Oct 2023 19:04

Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-QT3-2023-05

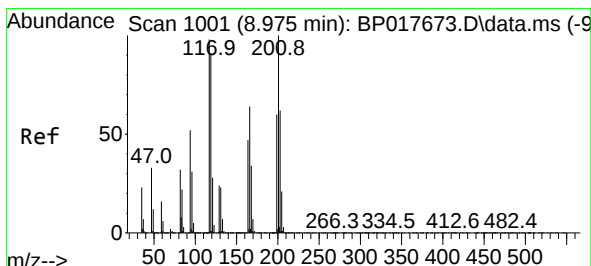
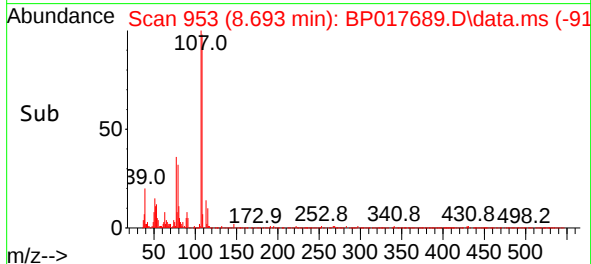
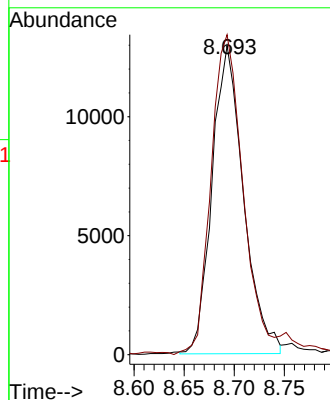
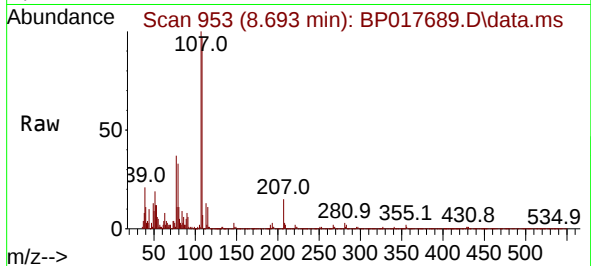
Tgt Ion:108 Resp: 28208
Ion Ratio Lower Upper
108 100
107 103.6 89.4 134.2

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Reviewed By :Yogesh
Patel

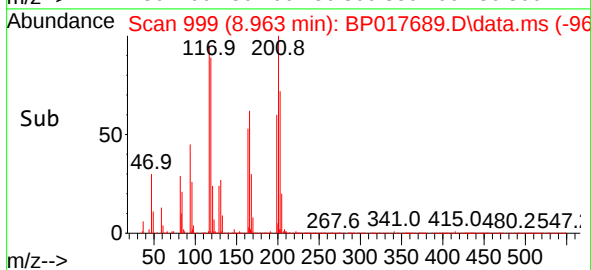
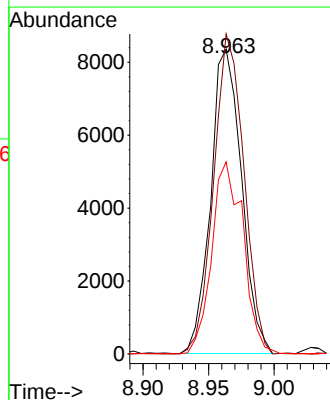
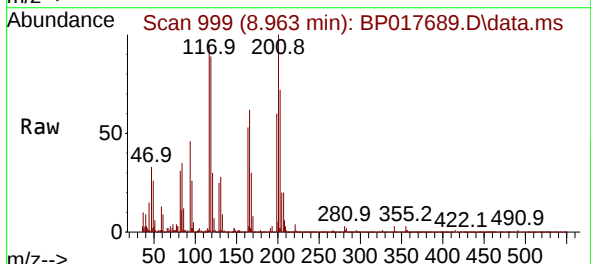
10/17/2023
Supervised By :mohammad
ahmed

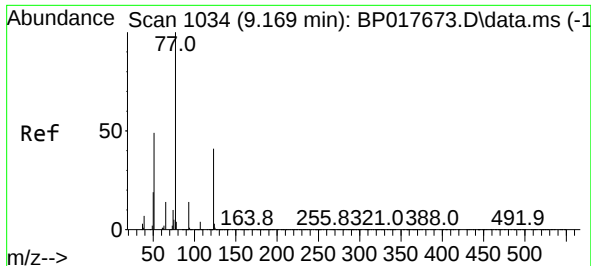
10/18/2023



#19
Hexachloroethane
Concen: 3.764 ng/ul
RT: 8.963 min Scan# 999
Delta R.T. -0.006 min
Lab File: BP017689.D
Acq: 16 Oct 2023 19:04

Tgt Ion:117 Resp: 13665
Ion Ratio Lower Upper
117 100
201 105.0 85.4 128.2
199 63.0 53.7 80.5





#22
Nitrobenzene
Concen: 3.874 ng/ul
RT: 9.158 min Scan# 1119
Delta R.T. 0.000 min
Lab File: BP017689.D
Acq: 16 Oct 2023 19:04

Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-QT3-2023-05

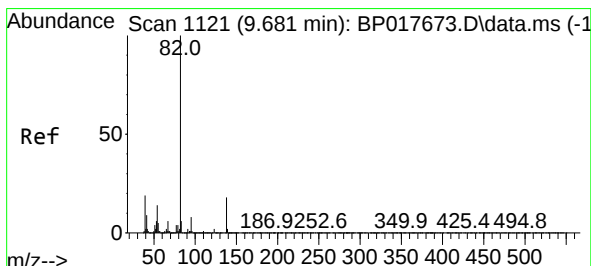
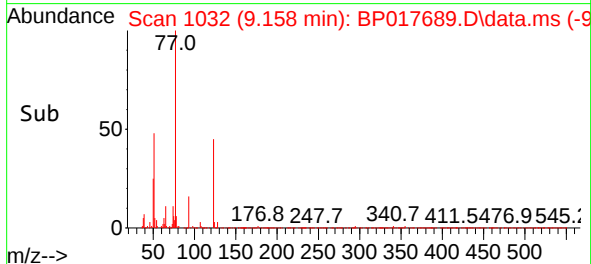
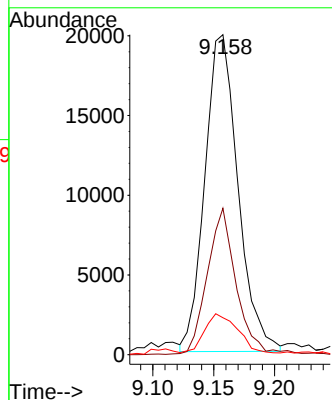
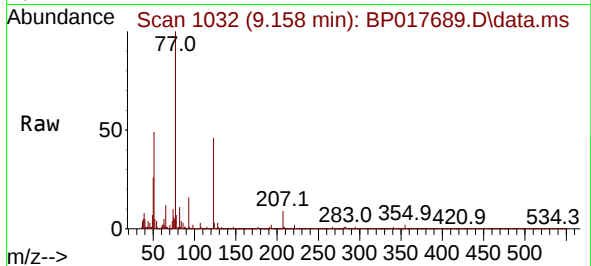
Tgt Ion: 77 Resp: 37719
Ion Ratio Lower Upper
77 100
123 45.8 33.8 50.6
65 11.6 10.6 16.0

Manual Integrations
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Reviewed By :Yogesh
Patel

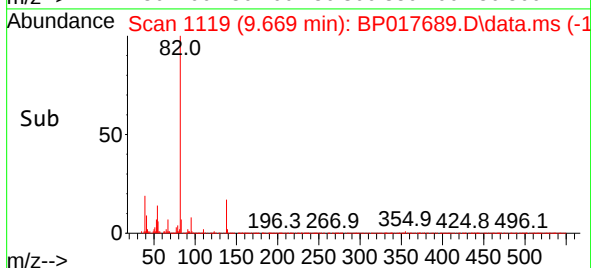
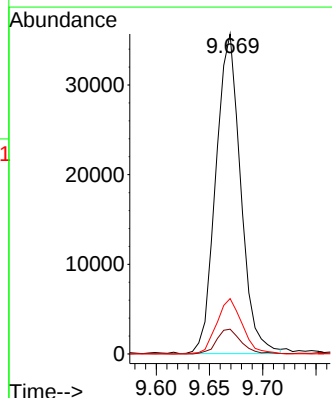
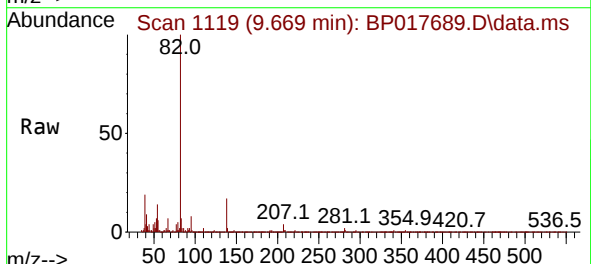
10/17/2023
Supervised By :mohammad
ahmed

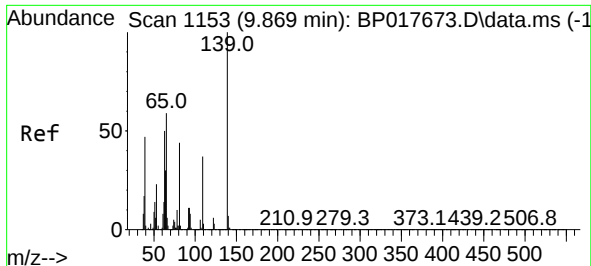
10/18/2023



#23
Isophorone
Concen: 3.292 ng/ul
RT: 9.669 min Scan# 1119
Delta R.T. 0.000 min
Lab File: BP017689.D
Acq: 16 Oct 2023 19:04

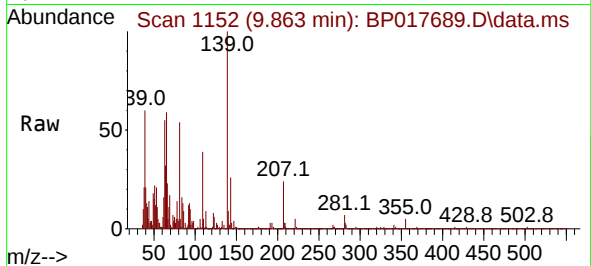
Tgt Ion: 82 Resp: 57790
Ion Ratio Lower Upper
82 100
95 7.7 6.0 9.0
138 17.3 13.9 20.9





#25
2-Nitrophenol
Concen: 3.436 ng/ul
RT: 9.863 min Scan# 1153
Delta R.T. 0.000 min
Lab File: BP017689.D
Acq: 16 Oct 2023 19:04

Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-QT3-2023-05



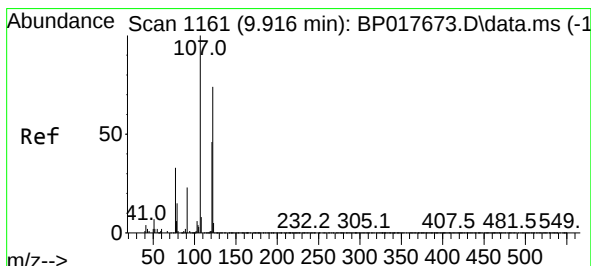
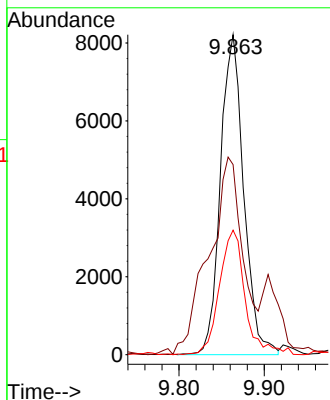
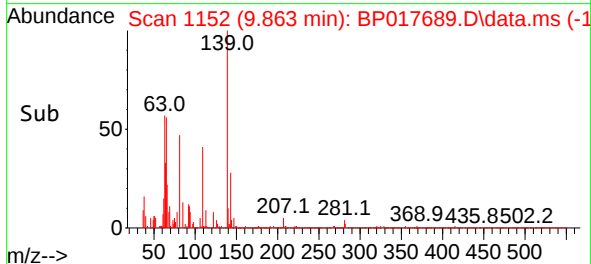
Tgt Ion:139 Resp: 1558
Ion Ratio Lower Upper
139 100
65 59.4 43.4 65.2
109 38.9 28.1 42.1

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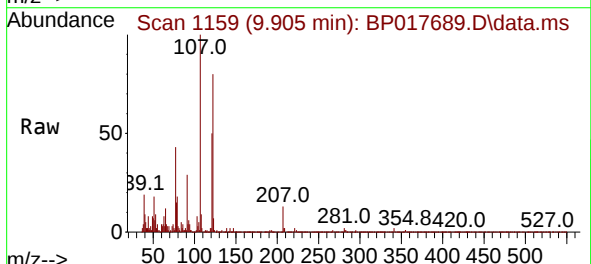
Reviewed By :Yogesh
Patel

10/17/2023
Supervised By :mohammad
ahmed

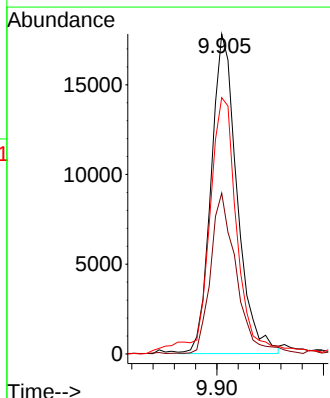
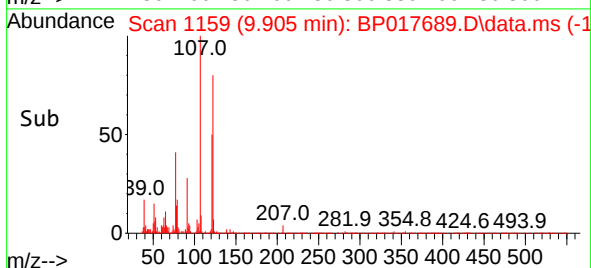
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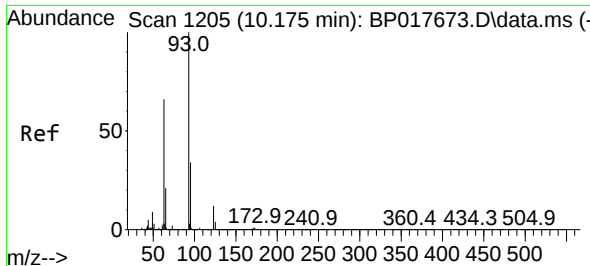


#26
2,4-Dimethylphenol
Concen: 3.351 ng/ul
RT: 9.905 min Scan# 1159
Delta R.T. 0.000 min
Lab File: BP017689.D
Acq: 16 Oct 2023 19:04



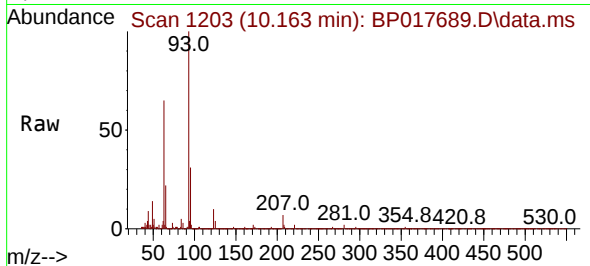
Tgt Ion:107 Resp: 30195
Ion Ratio Lower Upper
107 100
121 50.3 37.6 56.4
122 80.1 67.0 100.6





#27
Bis(2-Chloroethoxy)methane
Concen: 3.713 ng/ul
RT: 10.163 min Scan# 1203
Delta R.T. 0.000 min
Lab File: BP017689.D
Acq: 16 Oct 2023 19:04

Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-QT3-2023-05



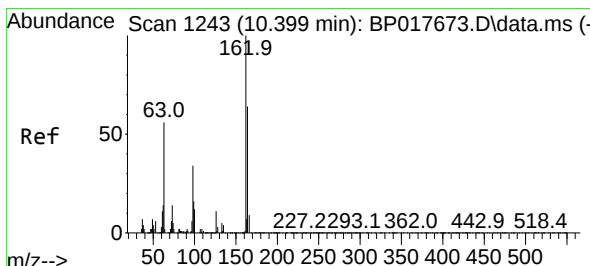
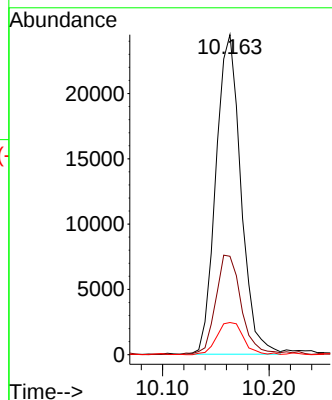
Tgt Ion: 93 Resp: 39838
Ion Ratio Lower Upper
93 100
95 30.7 25.9 38.9
123 10.1 8.8 13.2

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Reviewed By :Yogesh
Patel

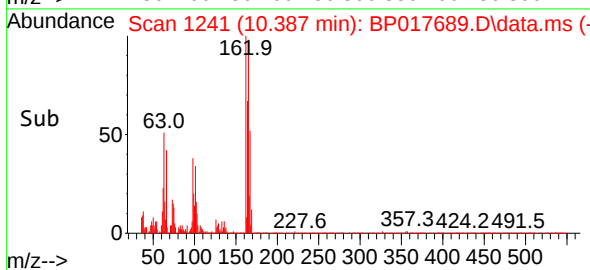
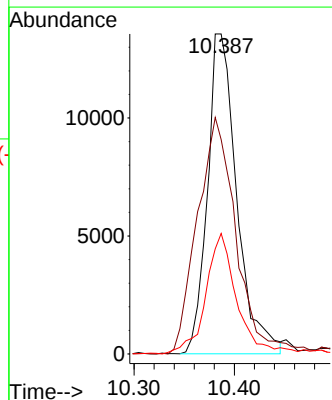
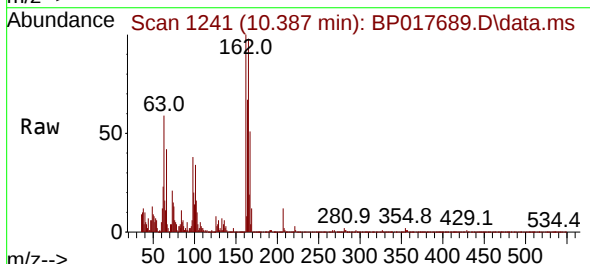
10/17/2023
Supervised By :mohammad
ahmed

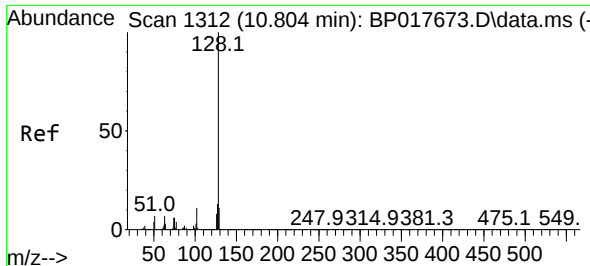
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#29
2,4-Dichlorophenol
Concen: 3.563 ng/ul
RT: 10.387 min Scan# 1241
Delta R.T. 0.000 min
Lab File: BP017689.D
Acq: 16 Oct 2023 19:04

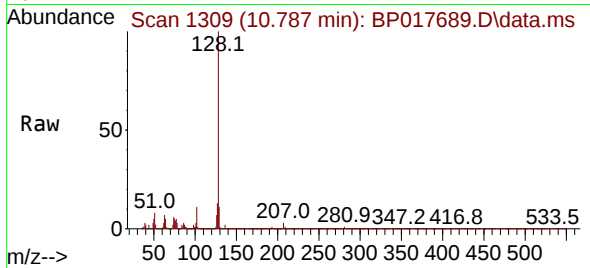
Tgt Ion:162 Resp: 27548
Ion Ratio Lower Upper
162 100
164 67.0 50.5 75.7
98 37.6 27.8 41.8





#30
Naphthalene
Concen: 3.825 ng/ul
RT: 10.787 min Scan# 1309
Delta R.T. -0.006 min
Lab File: BP017689.D
Acq: 16 Oct 2023 19:04

Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-QT3-2023-05



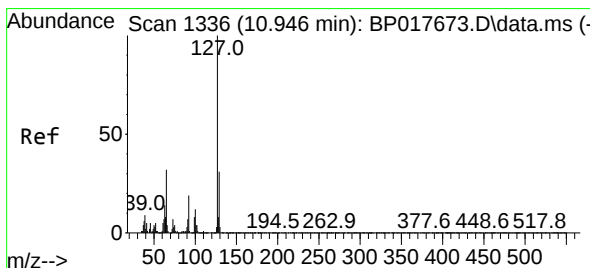
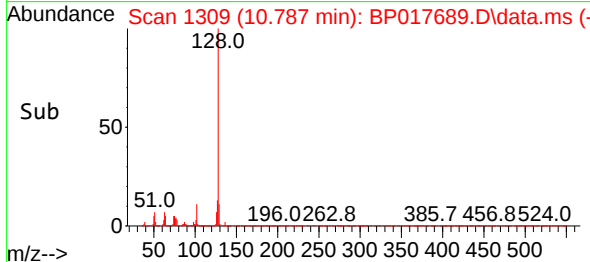
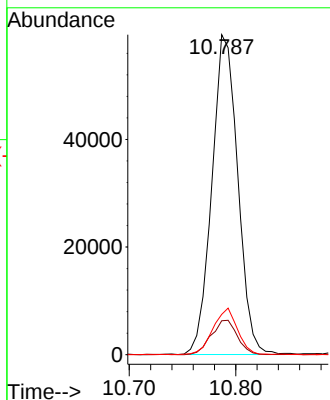
Tgt Ion:128 Resp: 100360
Ion Ratio Lower Upper
128 100
129 10.6 8.9 13.3
127 12.6 10.5 15.7

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Patel

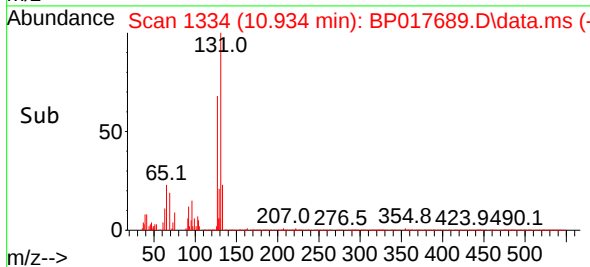
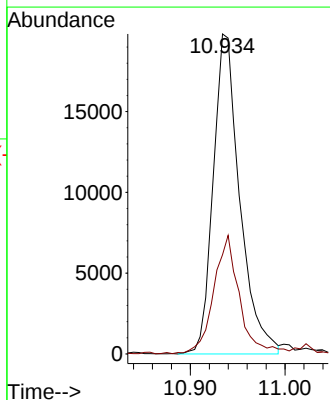
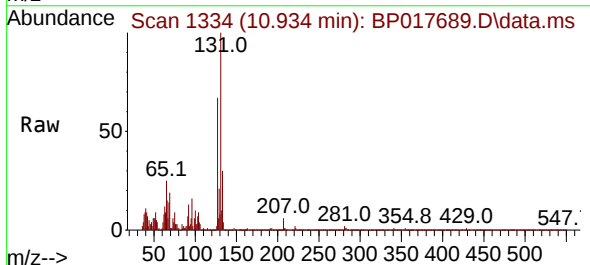
10/17/2023
Supervised By :mohammad
ahmed

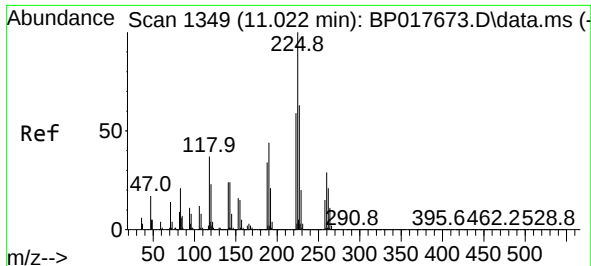
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#32
4-Chloroaniline
Concen: 3.517 ng/ul
RT: 10.934 min Scan# 1334
Delta R.T. -0.006 min
Lab File: BP017689.D
Acq: 16 Oct 2023 19:04

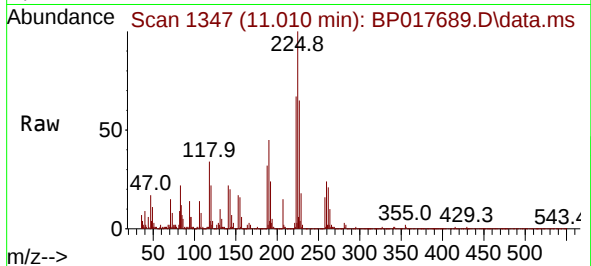
Tgt Ion:127 Resp: 38627
Ion Ratio Lower Upper
127 100
129 31.0 26.6 40.0





#33
Hexachlorobutadiene
Concen: 3.897 ng/ul
RT: 11.010 min Scan# 1349
Delta R.T. -0.006 min
Lab File: BP017689.D
Acq: 16 Oct 2023 19:04

Instrument : BNA_P
ClientSampleId : MDL-SOIL-QT3-2023-05



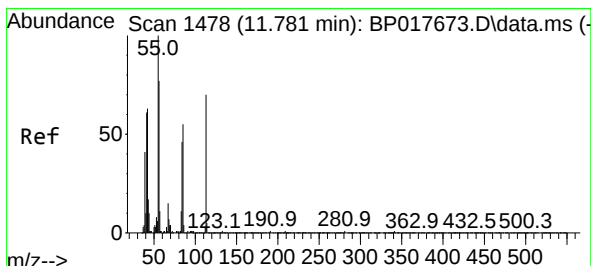
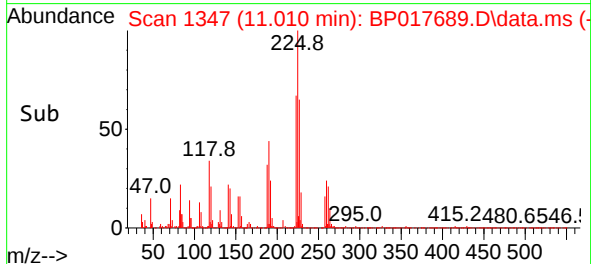
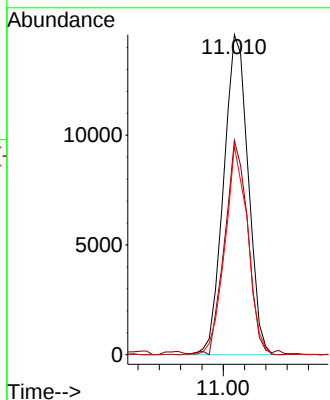
Tgt Ion:225 Resp: 2329
Ion Ratio Lower Upper
225 100
223 67.0 50.2 75.2
227 65.2 51.0 76.4

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Patel

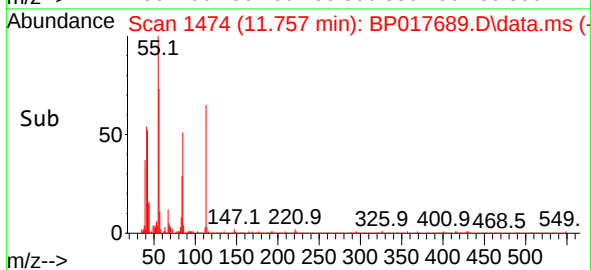
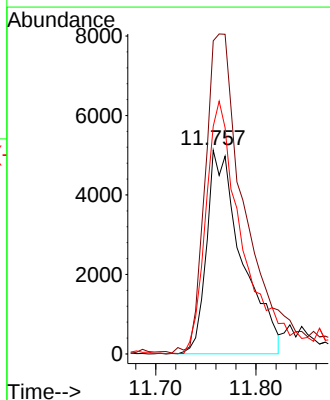
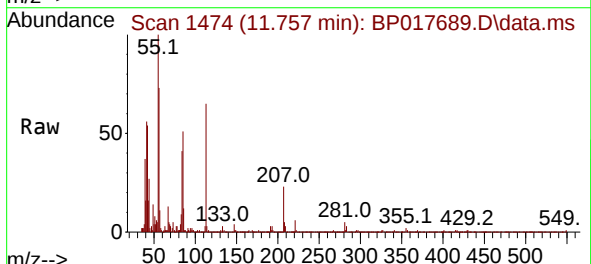
10/17/2023
Supervised By :mohammad
ahmed

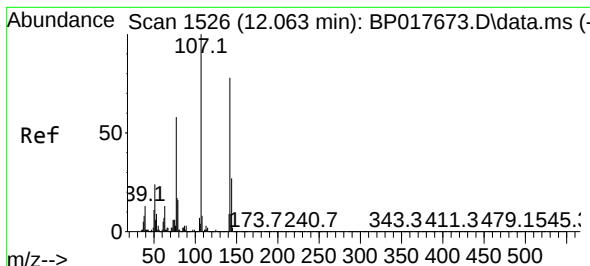
10/18/2023



#34
Caprolactam
Concen: 5.304 ng/ul
RT: 11.757 min Scan# 1474
Delta R.T. -0.012 min
Lab File: BP017689.D
Acq: 16 Oct 2023 19:04

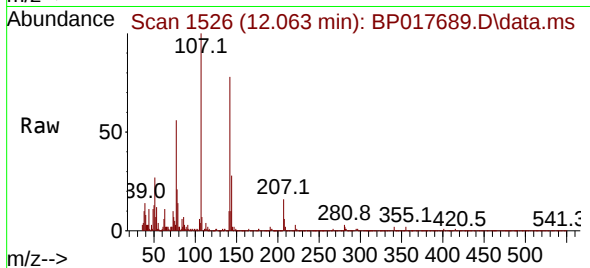
Tgt Ion:113 Resp: 12542
Ion Ratio Lower Upper
113 100
55 153.7 126.9 190.3
56 111.8 97.9 146.9





#35
4-Chloro-3-methylphenol
Concen: 2.941 ng/ul
RT: 12.063 min Scan# 1526
Delta R.T. 0.012 min
Lab File: BP017689.D
Acq: 16 Oct 2023 19:04

Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-QT3-2023-05



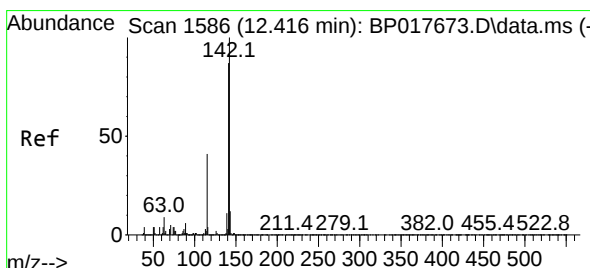
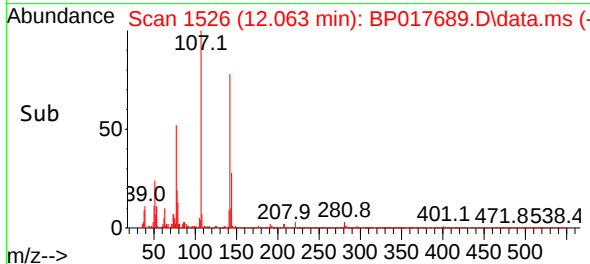
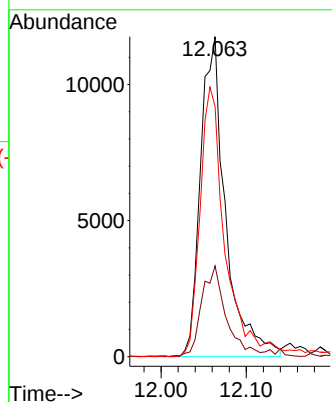
Tgt Ion:107 Resp: 23989
Ion Ratio Lower Upper
107 100
144 28.4 20.1 30.1
142 78.2 63.3 94.9

Manual Integrations
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Reviewed By :Yogesh
Patel

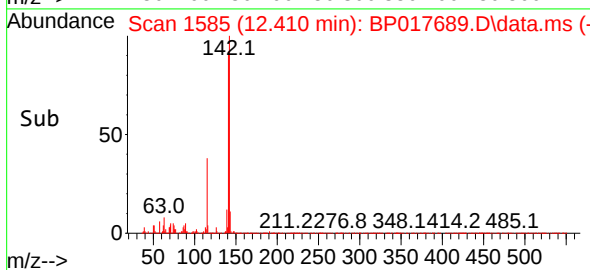
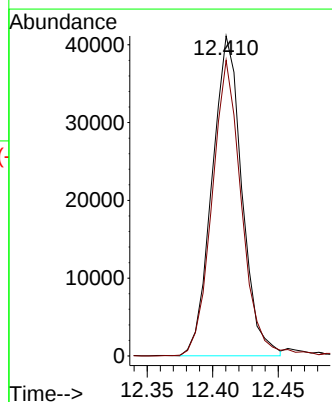
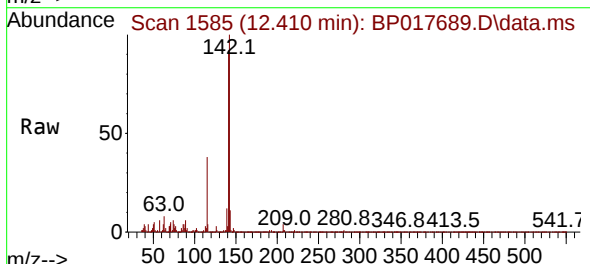
10/17/2023
Supervised By :mohammad
ahmed

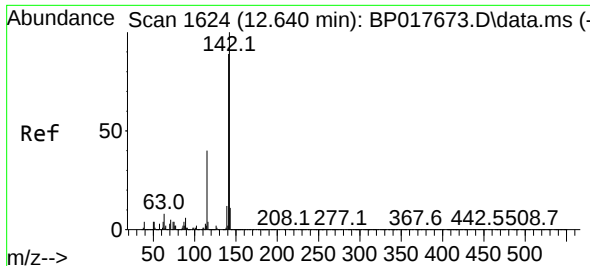
10/18/2023



#36
2-Methylnaphthalene
Concen: 3.626 ng/ul
RT: 12.410 min Scan# 1585
Delta R.T. 0.000 min
Lab File: BP017689.D
Acq: 16 Oct 2023 19:04

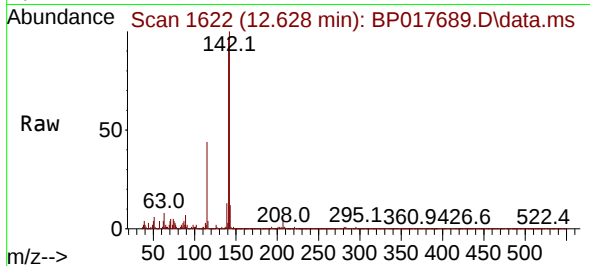
Tgt Ion:142 Resp: 65146
Ion Ratio Lower Upper
142 100
141 92.4 72.8 109.2





#37
1-Methylnaphthalene
Concen: 3.771 ng/ul
RT: 12.628 min Scan# 1622
Delta R.T. -0.006 min
Lab File: BP017689.D
Acq: 16 Oct 2023 19:04

Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-QT3-2023-05



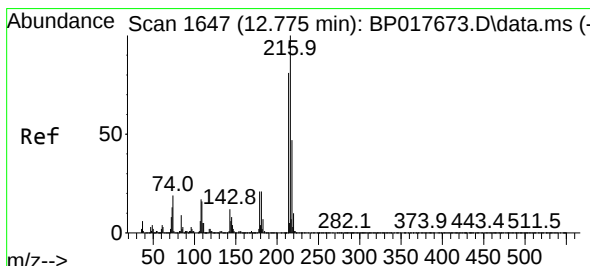
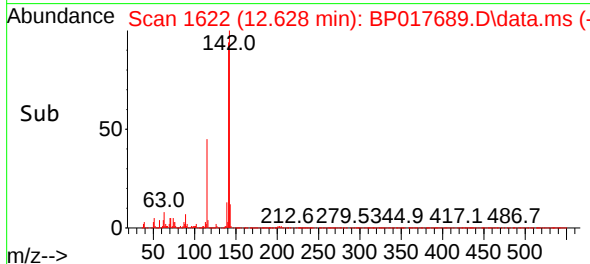
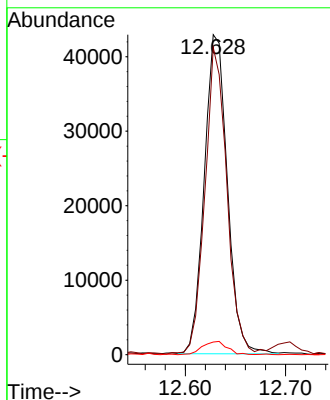
Tgt Ion:142 Resp: 68769
Ion Ratio Lower Upper
142 100
141 96.0 74.3 111.5
116 3.9 3.3 4.9

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Reviewed By :Yogesh
Patel

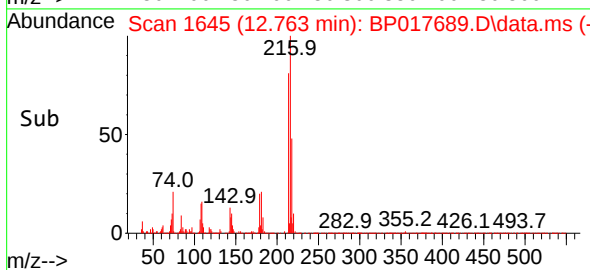
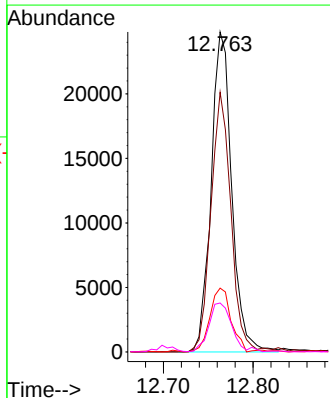
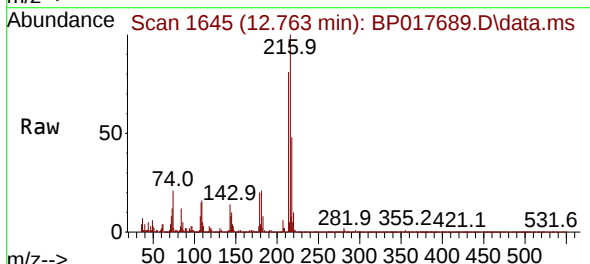
10/17/2023
Supervised By :mohammad
ahmed

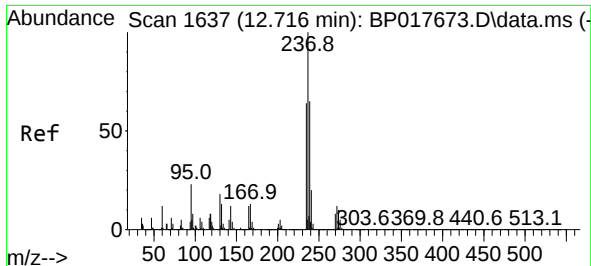
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#39
1,2,4,5-Tetrachlorobenzene
Concen: 3.630 ng/ul
RT: 12.763 min Scan# 1645
Delta R.T. 0.000 min
Lab File: BP017689.D
Acq: 16 Oct 2023 19:04

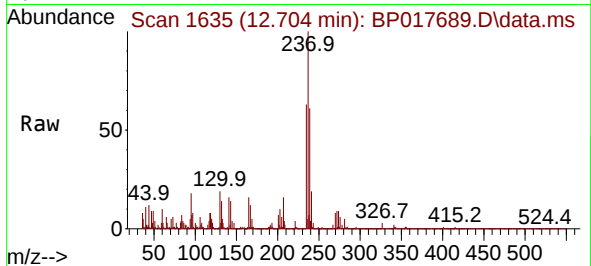
Tgt Ion:216 Resp: 39579
Ion Ratio Lower Upper
216 100
214 81.1 59.8 89.8
179 19.9 16.6 25.0
108 15.3 12.8 19.2





#40
Hexachlorocyclopentadiene
Concen: 3.140 ng/ul
RT: 12.704 min Scan# 1635
Delta R.T. 0.000 min
Lab File: BP017689.D
Acq: 16 Oct 2023 19:04

Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-QT3-2023-05



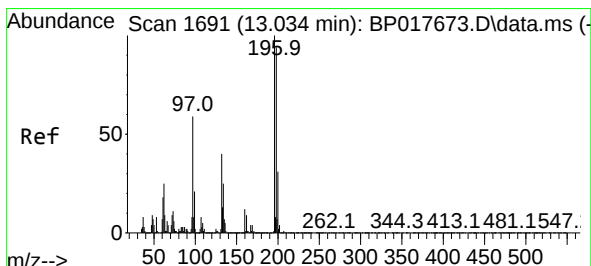
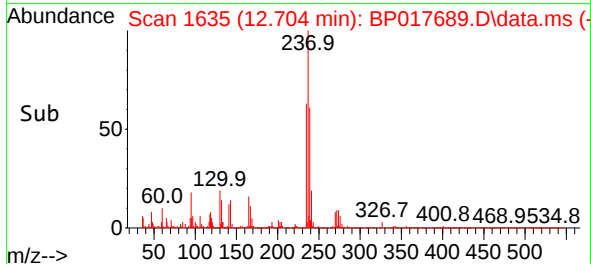
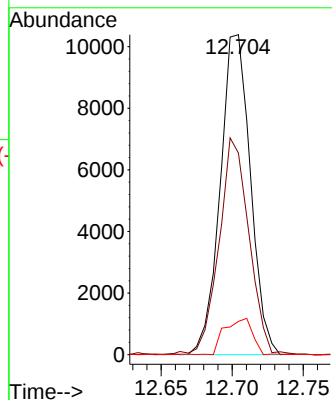
Tgt Ion:237 Resp: 15384
Ion Ratio Lower Upper
237 100
235 67.7 50.4 75.6
272 10.4 11.3 16.9

Manual Integrations
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Reviewed By :Yogesh
Patel

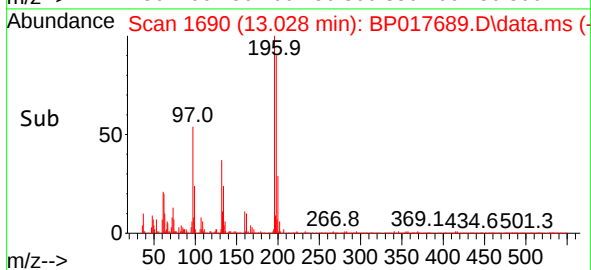
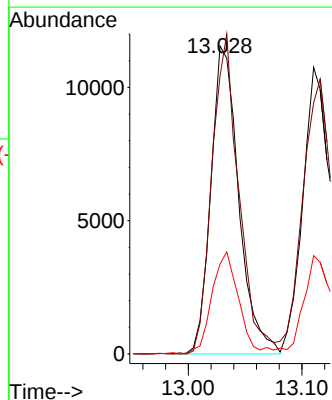
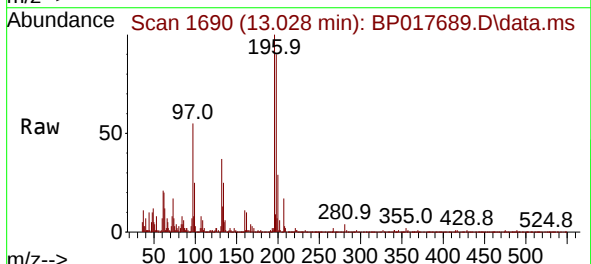
10/17/2023
Supervised By :mohammad
ahmed

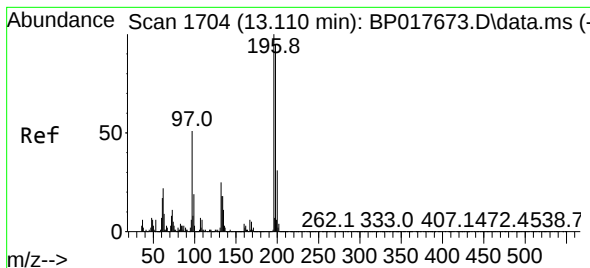
10/18/2023



#41
2,4,6-Trichlorophenol
Concen: 2.934 ng/ul
RT: 13.028 min Scan# 1690
Delta R.T. 0.000 min
Lab File: BP017689.D
Acq: 16 Oct 2023 19:04

Tgt Ion:196 Resp: 19703
Ion Ratio Lower Upper
196 100
198 90.3 77.3 115.9
200 29.2 25.4 38.2





#42
2,4,5-Trichlorophenol
Concen: 3.203 ng/ul m
RT: 13.110 min Scan# 1758
Delta R.T. 0.012 min
Lab File: BP017689.D
Acq: 16 Oct 2023 19:04

Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-QT3-2023-05

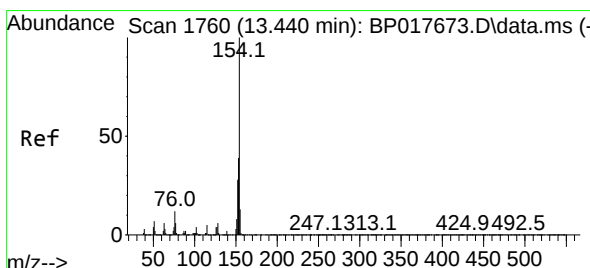
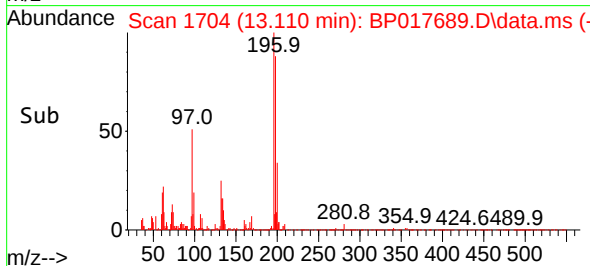
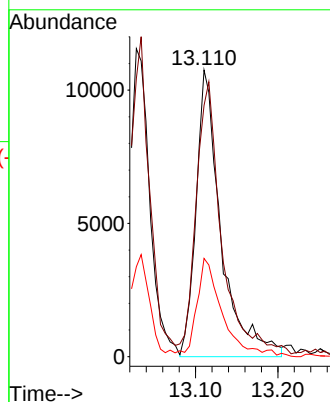
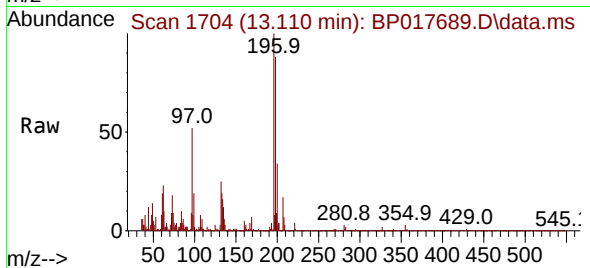
Tgt Ion:196 Resp: 22709
Ion Ratio Lower Upper
196 100
198 87.7 73.0 109.4
200 34.3 23.9 35.9

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Reviewed By :Yogesh
Patel

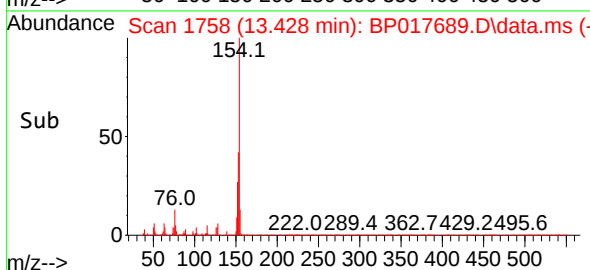
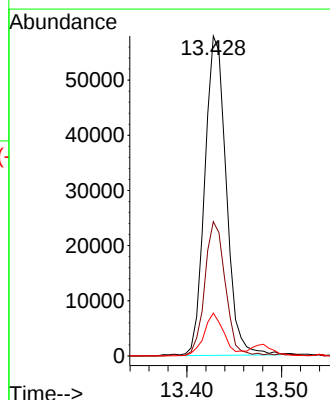
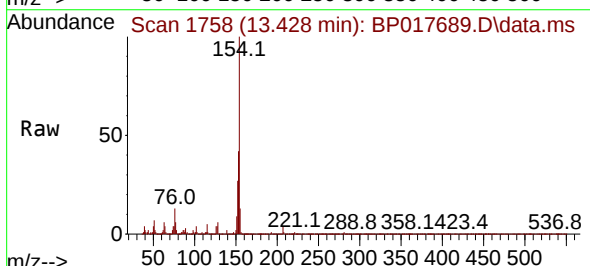
10/17/2023
Supervised By :mohammad
ahmed

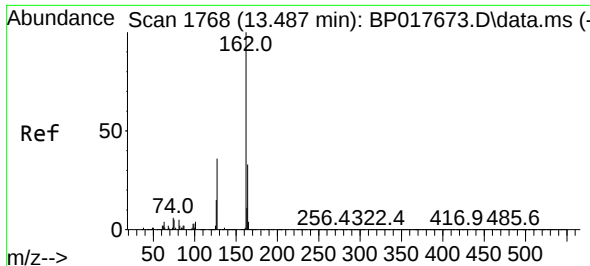
10/18/2023



#43
1,1'-Biphenyl
Concen: 3.713 ng/ul
RT: 13.428 min Scan# 1758
Delta R.T. 0.000 min
Lab File: BP017689.D
Acq: 16 Oct 2023 19:04

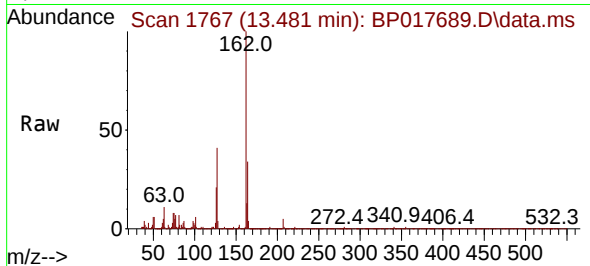
Tgt Ion:154 Resp: 90959
Ion Ratio Lower Upper
154 100
153 42.0 32.5 48.7
76 13.4 10.4 15.6





#44
2-Chloronaphthalene
Concen: 3.612 ng/ul
RT: 13.481 min Scan# 1768
Delta R.T. 0.000 min
Lab File: BP017689.D
Acq: 16 Oct 2023 19:04

Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-QT3-2023-05



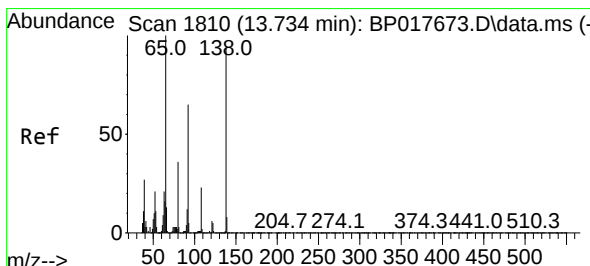
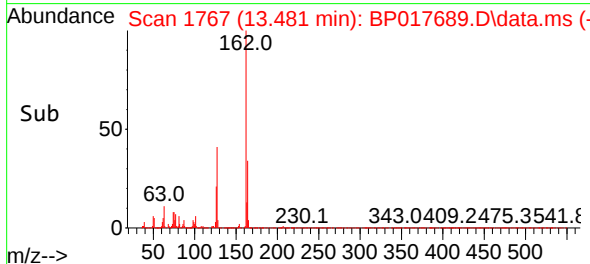
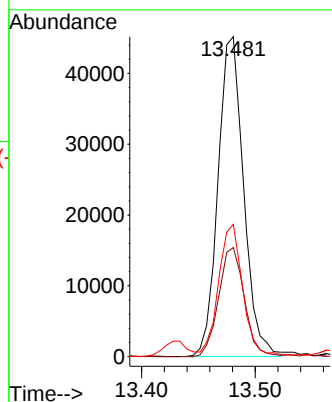
Tgt Ion:162 Resp: 7079
Ion Ratio Lower Upper
162 100
164 34.1 26.5 39.7
127 41.3 31.4 47.0

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Reviewed By :Yogesh
Patel

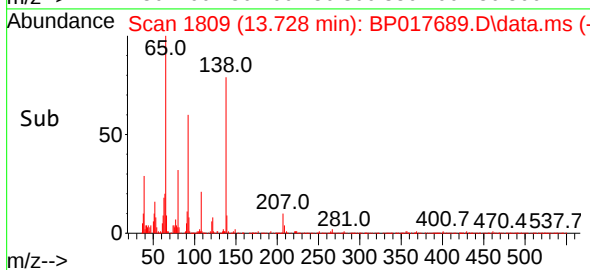
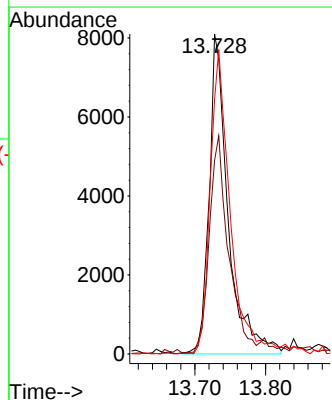
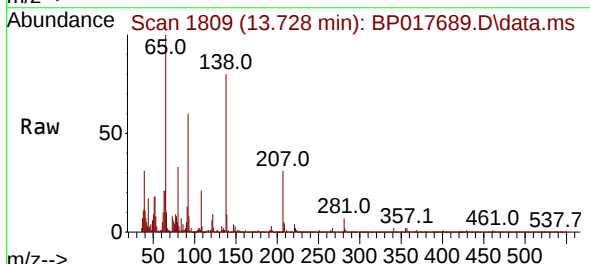
10/17/2023
Supervised By :mohammad
ahmed

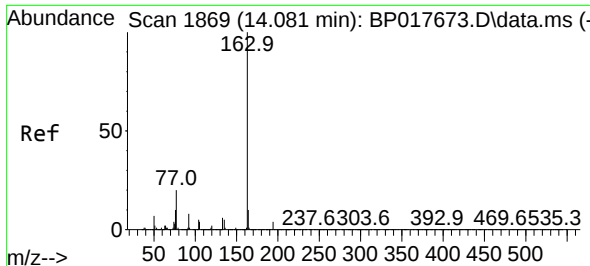
10/18/2023



#45
2-Nitroaniline
Concen: 2.784 ng/ul m
RT: 13.728 min Scan# 1809
Delta R.T. 0.000 min
Lab File: BP017689.D
Acq: 16 Oct 2023 19:04

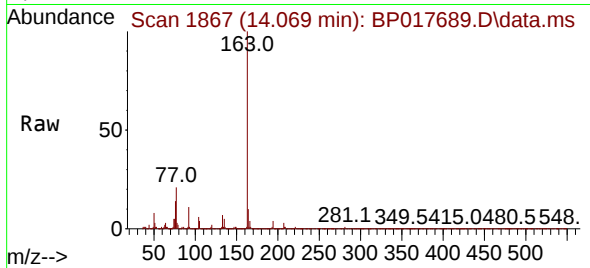
Tgt Ion: 65 Resp: 15082
Ion Ratio Lower Upper
65 100
92 60.5 55.3 82.9
138 79.6 82.8 124.2#





#47
Dimethylphthalate
Concen: 3.634 ng/ul
RT: 14.069 min Scan# 1869
Delta R.T. 0.000 min
Lab File: BP017689.D
Acq: 16 Oct 2023 19:04

Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-QT3-2023-05



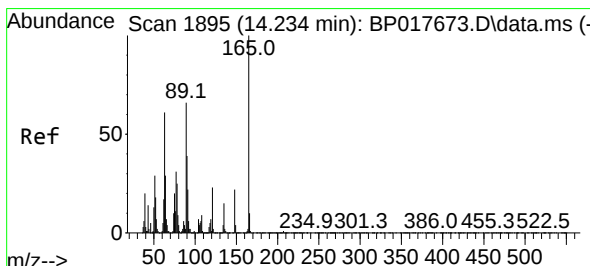
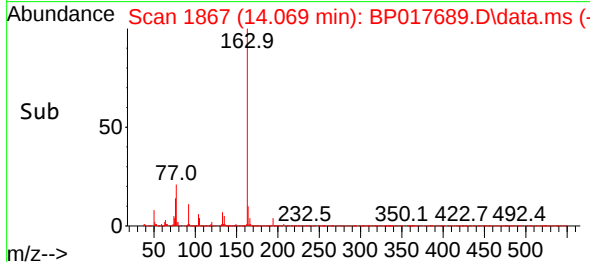
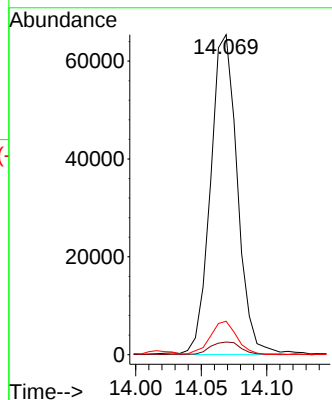
Tgt Ion:163 Resp: 92910
Ion Ratio Lower Upper
163 100
194 4.0 3.4 5.2
164 10.4 8.0 12.0

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Reviewed By :Yogesh
Patel

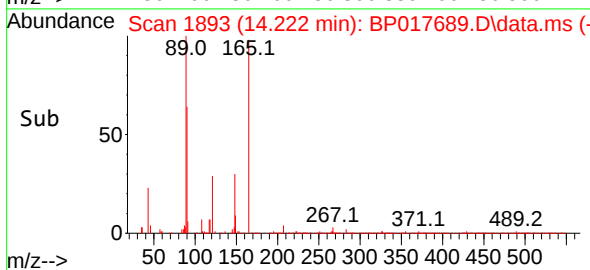
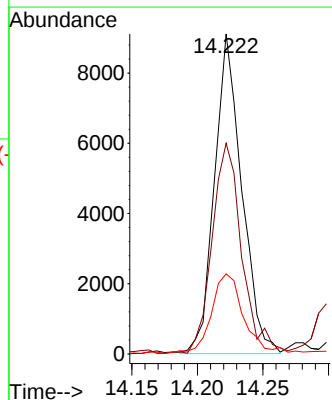
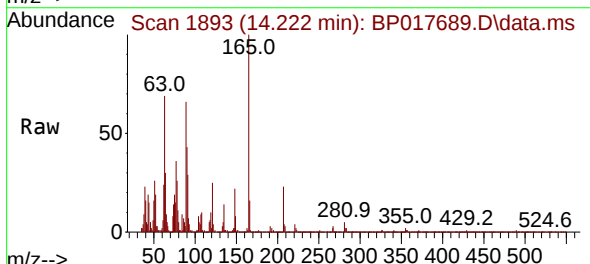
10/17/2023
Supervised By :mohammad
ahmed

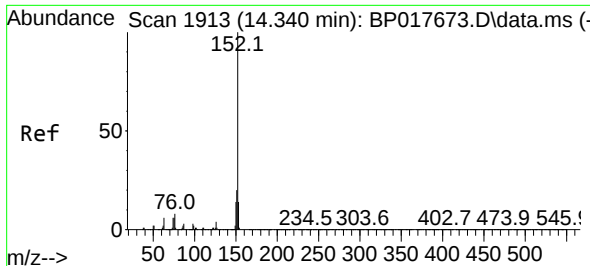
10/18/2023



#48
2,6-Dinitrotoluene
Concen: 2.777 ng/ul
RT: 14.222 min Scan# 1893
Delta R.T. 0.000 min
Lab File: BP017689.D
Acq: 16 Oct 2023 19:04

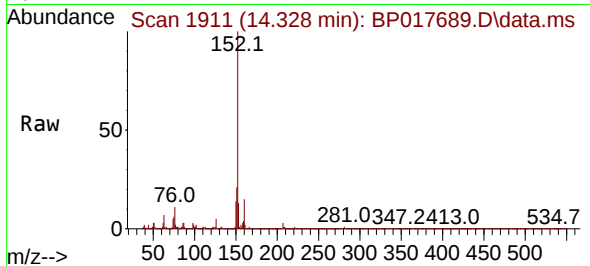
Tgt Ion:165 Resp: 13139
Ion Ratio Lower Upper
165 100
89 65.9 49.0 73.4
121 25.1 16.5 24.7#





#50
Acenaphthylene
Concen: 3.701 ng/ul
RT: 14.328 min Scan# 1911
Delta R.T. -0.006 min
Lab File: BP017689.D
Acq: 16 Oct 2023 19:04

Instrument : BNA_P
ClientSampleId : MDL-SOIL-QT3-2023-05



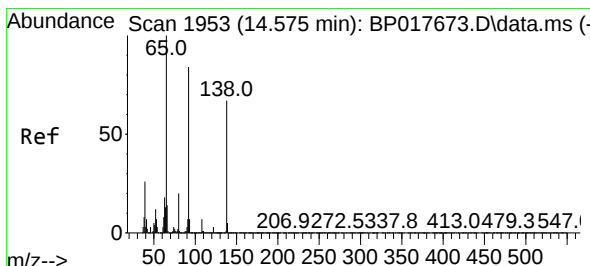
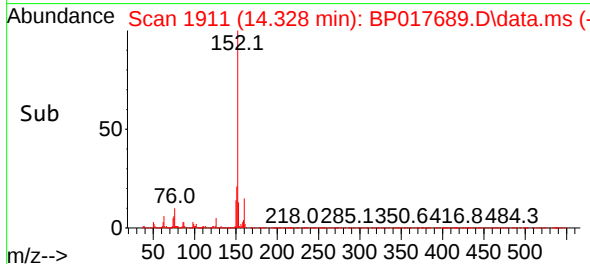
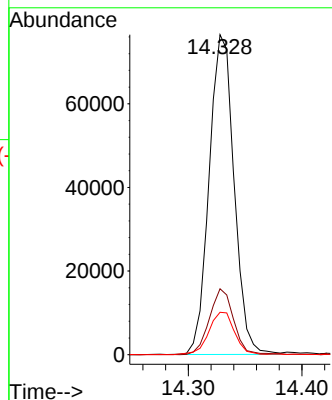
Tgt Ion:152 Resp: 116719
Ion Ratio Lower Upper
152 100
151 20.6 15.8 23.8
153 13.3 10.5 15.7

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Reviewed By :Yogesh
Patel

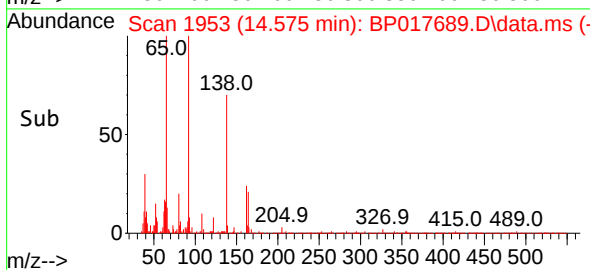
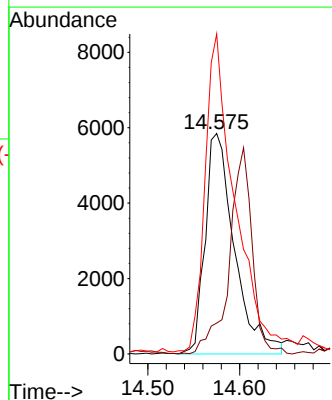
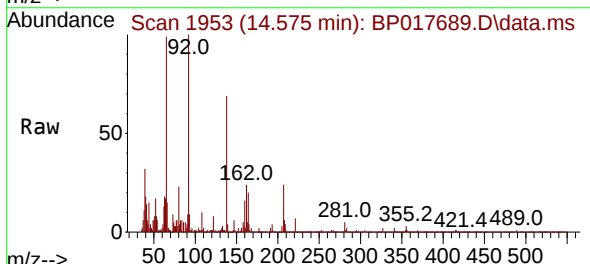
10/17/2023
Supervised By :mohammad
ahmed

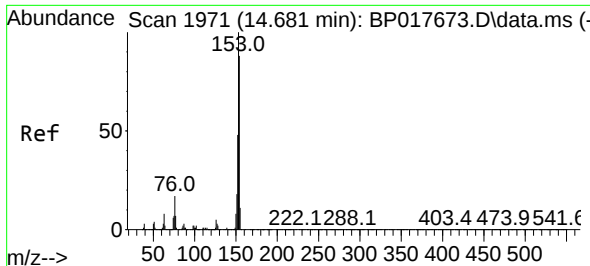
10/18/2023



#51
3-Nitroaniline
Concen: 2.723 ng/ul m
RT: 14.575 min Scan# 1953
Delta R.T. 0.012 min
Lab File: BP017689.D
Acq: 16 Oct 2023 19:04

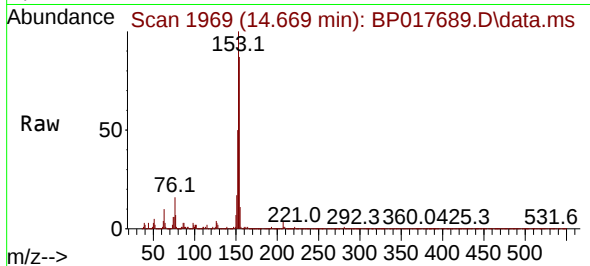
Tgt Ion:138 Resp: 12995
Ion Ratio Lower Upper
138 100
108 14.0 8.2 12.2#
92 145.1 99.0 148.6





#52
Acenaphthene
Concen: 3.842 ng/ul
RT: 14.669 min Scan# 1969
Delta R.T. 0.000 min
Lab File: BP017689.D
Acq: 16 Oct 2023 19:04

Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-QT3-2023-05



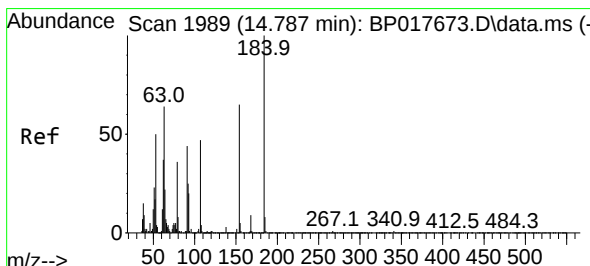
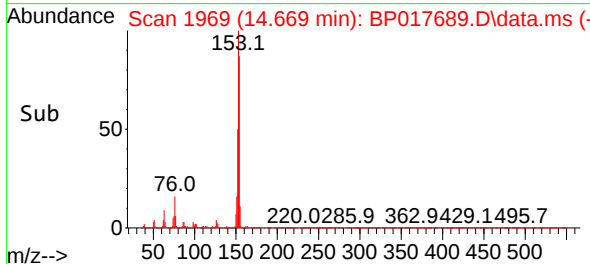
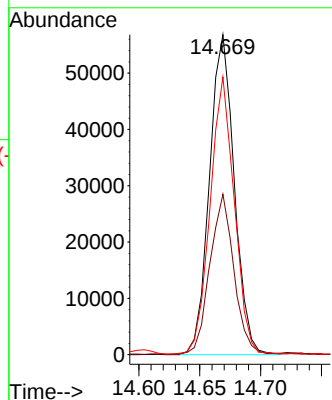
Tgt Ion:153 Resp: 8059
Ion Ratio Lower Upper
153 100
152 50.2 38.9 58.3
154 86.8 71.6 107.4

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Reviewed By :Yogesh
Patel

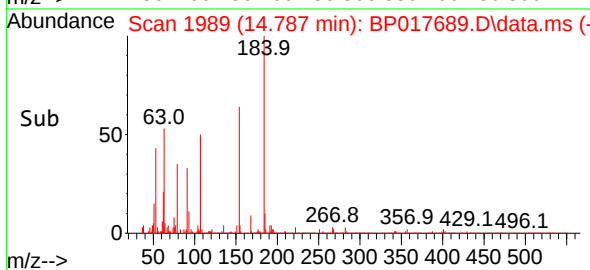
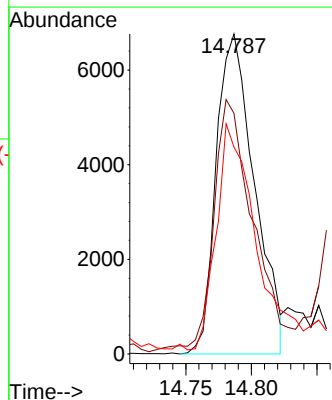
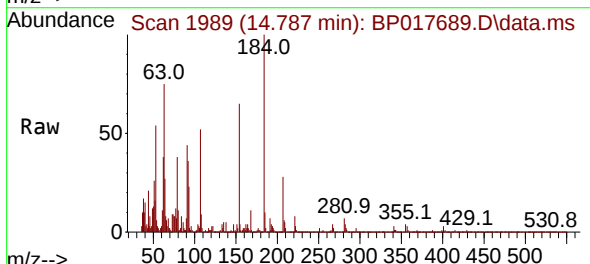
10/17/2023
Supervised By :mohammad
ahmed

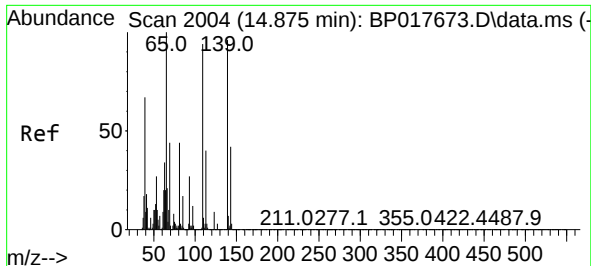
10/18/2023



#53
2,4-Dinitrophenol
Concen: 4.697 ng/ul
RT: 14.787 min Scan# 1989
Delta R.T. 0.012 min
Lab File: BP017689.D
Acq: 16 Oct 2023 19:04

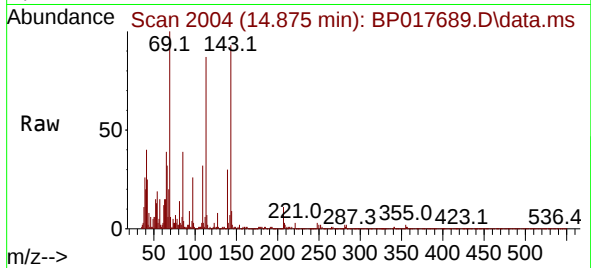
Tgt Ion:184 Resp: 13724
Ion Ratio Lower Upper
184 100
63 75.2 61.4 92.0
154 64.7 54.8 82.2





#55
4-Nitrophenol
Concen: 4.001 ng/ul m
RT: 14.875 min Scan# 2004
Delta R.T. 0.012 min
Lab File: BP017689.D
Acq: 16 Oct 2023 19:04

Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-QT3-2023-05



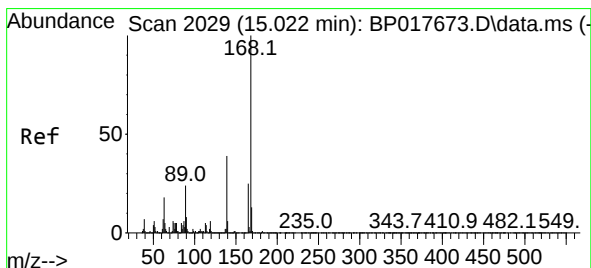
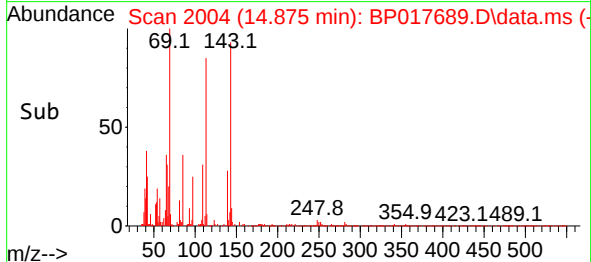
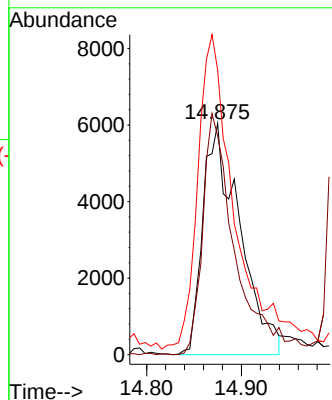
Tgt Ion:109 Resp: 1623
Ion Ratio Lower Upper
109 100
139 94.6 90.5 135.7
65 123.2 95.7 143.5

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Reviewed By :Yogesh
Patel

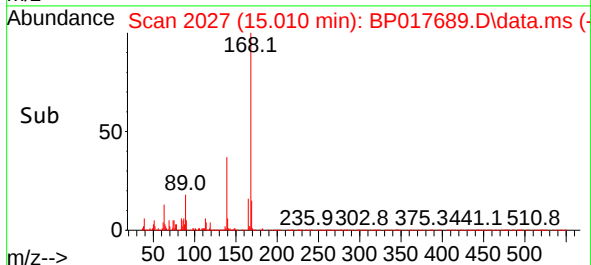
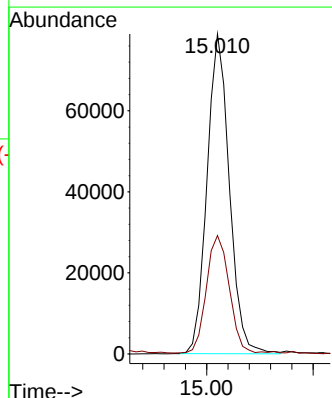
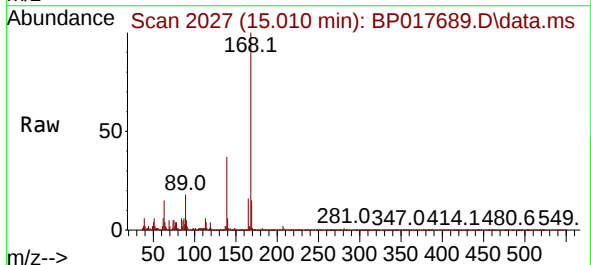
10/17/2023
Supervised By :mohammad
ahmed

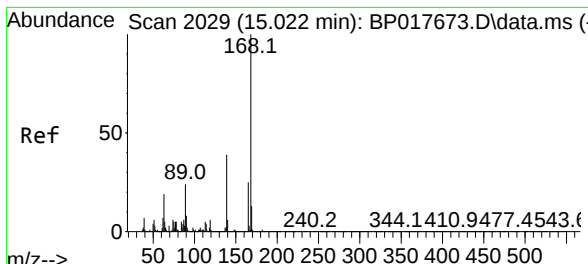
10/18/2023



#56
Dibenzofuran
Concen: 3.823 ng/ul
RT: 15.010 min Scan# 2027
Delta R.T. 0.000 min
Lab File: BP017689.D
Acq: 16 Oct 2023 19:04

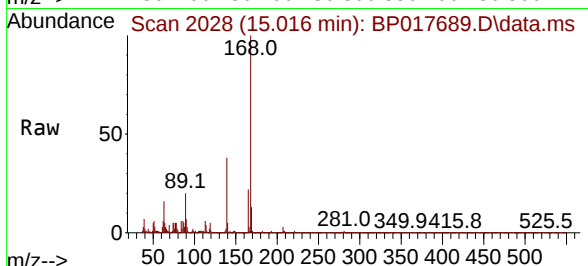
Tgt Ion:168 Resp: 115029
Ion Ratio Lower Upper
168 100
139 37.0 30.5 45.7





#57
2,4-Dinitrotoluene
Concen: 3.086 ng/ul
RT: 15.016 min Scan# 2028
Delta R.T. 0.006 min
Lab File: BP017689.D
Acq: 16 Oct 2023 19:04

Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-QT3-2023-05



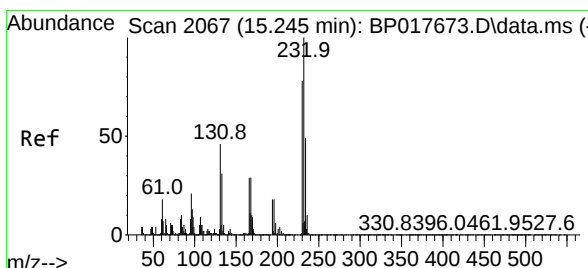
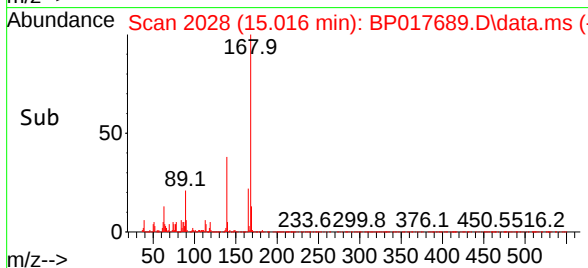
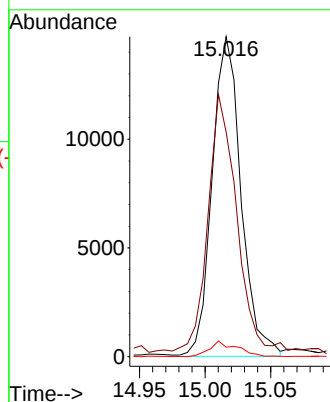
Tgt Ion:165 Resp: 22540
Ion Ratio Lower Upper
165 100
63 70.2 52.7 79.1
182 3.0 2.2 3.4

Manual Integrations
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Reviewed By :Yogesh
Patel

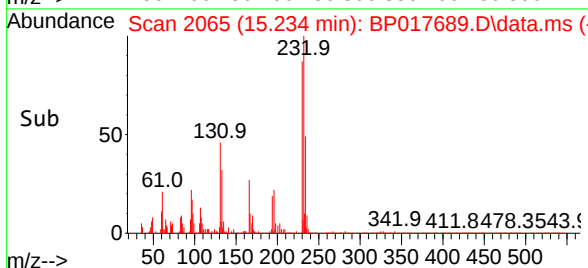
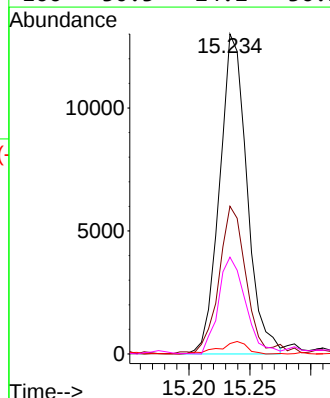
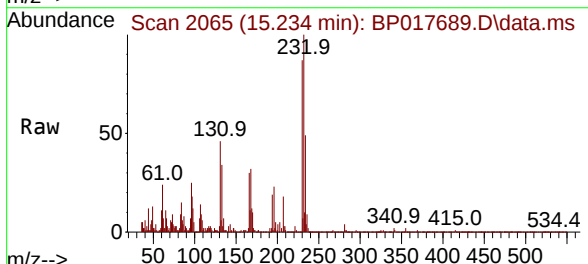
10/17/2023
Supervised By :mohammad
ahmed

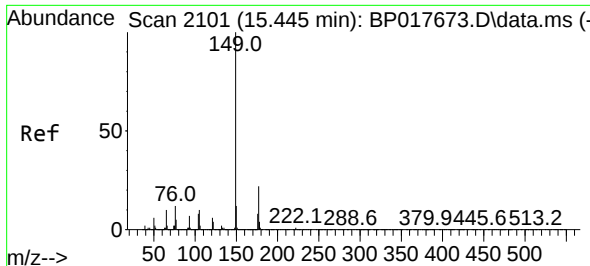
10/18/2023



#58
2,3,4,6-Tetrachlorophenol
Concen: 3.100 ng/ul
RT: 15.234 min Scan# 2065
Delta R.T. 0.000 min
Lab File: BP017689.D
Acq: 16 Oct 2023 19:04

Tgt Ion:232 Resp: 20332
Ion Ratio Lower Upper
232 100
131 46.2 33.6 50.4
130 3.3 2.0 3.0#
166 30.3 24.2 36.2





#59
Diethylphthalate
Concen: 3.470 ng/ul
RT: 15.434 min Scan# 2099
Delta R.T. 0.000 min
Lab File: BP017689.D
Acq: 16 Oct 2023 19:04

Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-QT3-2023-05

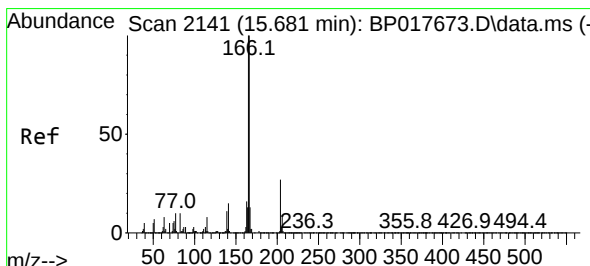
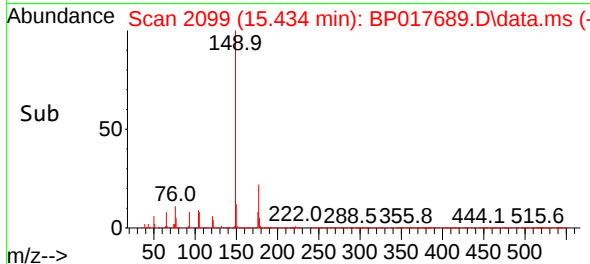
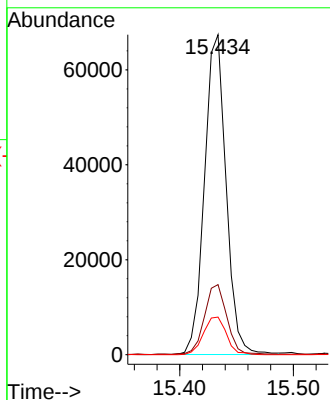
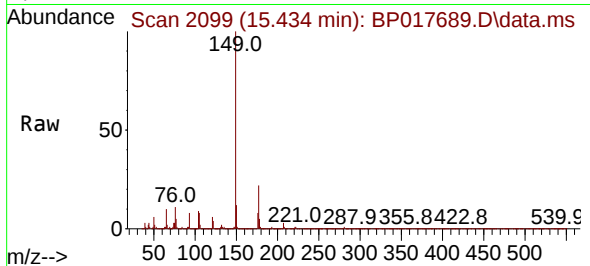
Tgt Ion:149 Resp: 88972
Ion Ratio Lower Upper
149 100
177 21.9 17.9 26.9
150 11.7 10.1 15.1

Manual Integrations
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Reviewed By :Yogesh
Patel

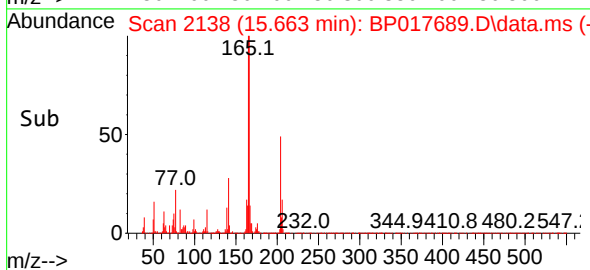
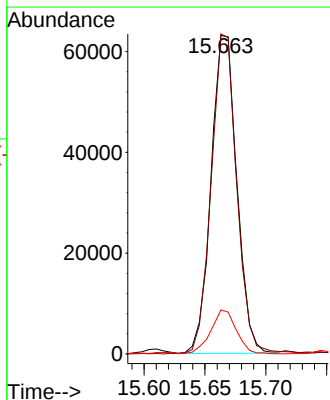
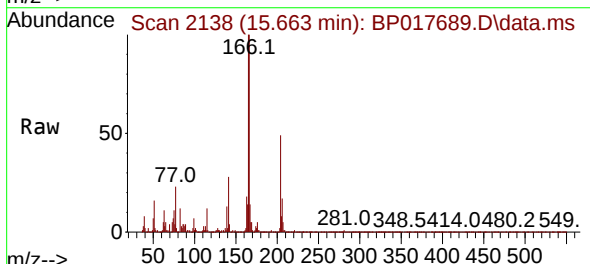
10/17/2023
Supervised By :mohammad
ahmed

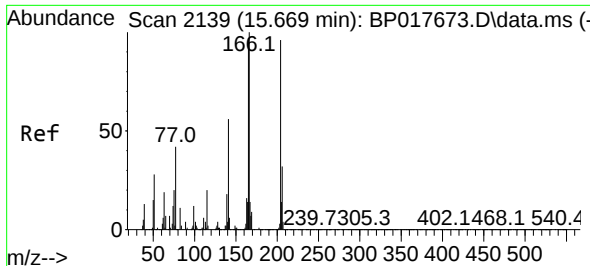
10/18/2023



#61
Fluorene
Concen: 3.743 ng/ul
RT: 15.663 min Scan# 2138
Delta R.T. -0.006 min
Lab File: BP017689.D
Acq: 16 Oct 2023 19:04

Tgt Ion:166 Resp: 92859
Ion Ratio Lower Upper
166 100
165 100.5 79.6 119.4
167 13.8 11.1 16.7





#62
4-Chlorophenyl-phenylether
Concen: 3.755 ng/ul
RT: 15.657 min Scan# 2137
Delta R.T. -0.006 min
Lab File: BP017689.D
Acq: 16 Oct 2023 19:04

Instrument : BNA_P
ClientSampleId : MDL-SOIL-QT3-2023-05

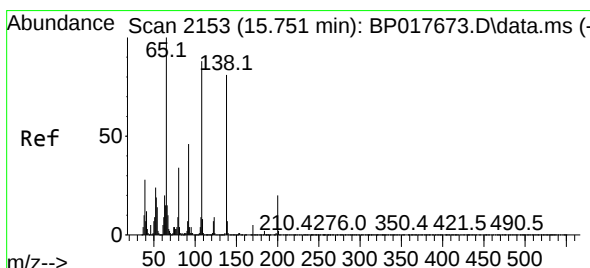
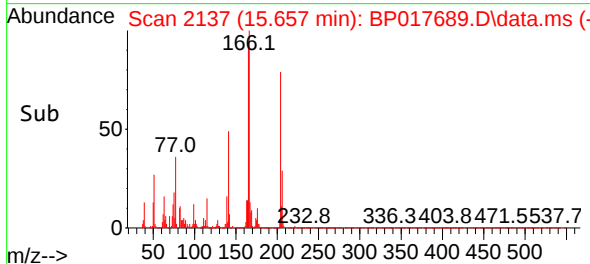
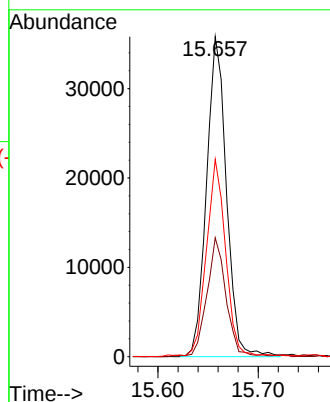
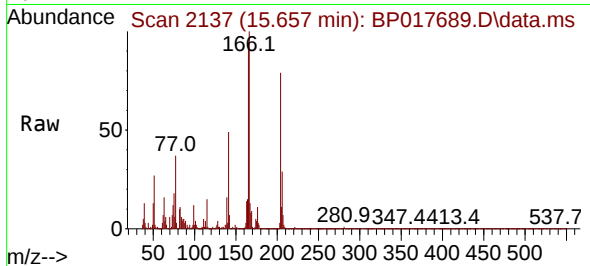
Tgt Ion: 204 Resp: 4953
Ion Ratio Lower Upper
204 100
206 37.1 26.6 40.0
141 61.7 43.9 65.9

Manual Integrations
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Reviewed By : Yogesh
Patel

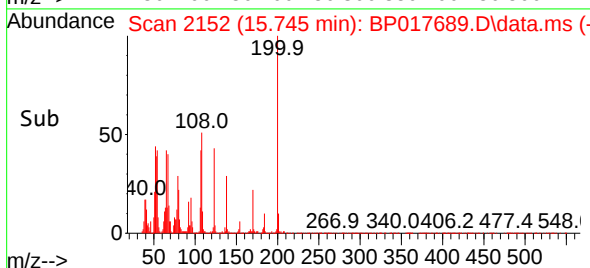
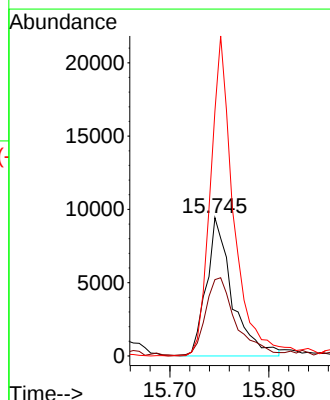
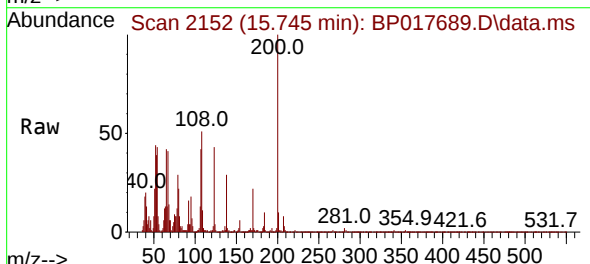
10/17/2023
Supervised By : mohammad
ahmed

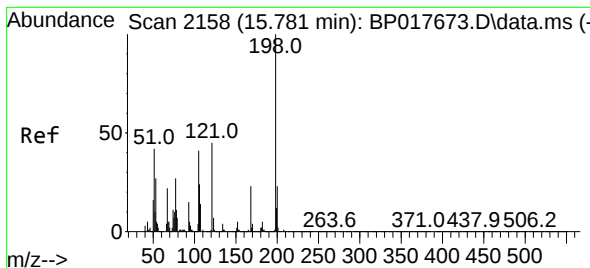
10/18/2023



#63
4-Nitroaniline
Concen: 3.606 ng/ul m
RT: 15.745 min Scan# 2152
Delta R.T. 0.006 min
Lab File: BP017689.D
Acq: 16 Oct 2023 19:04

Tgt Ion: 138 Resp: 17102
Ion Ratio Lower Upper
138 100
92 55.3 43.0 64.6
108 177.2 82.2 123.4





#66
4,6-Dinitro-2-methylphenol
Concen: 2.864 ng/ul
RT: 15.769 min Scan# 2158
Delta R.T. 0.000 min
Lab File: BP017689.D
Acq: 16 Oct 2023 19:04

Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-QT3-2023-05

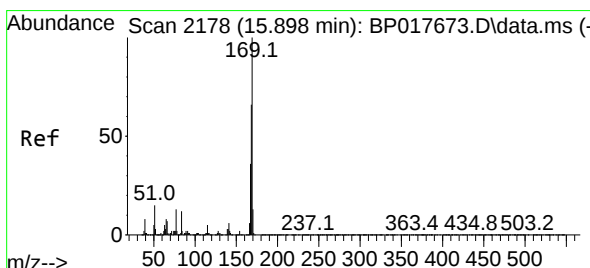
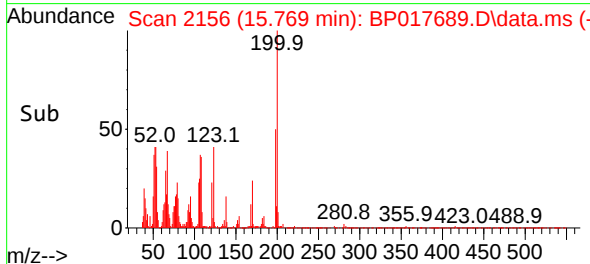
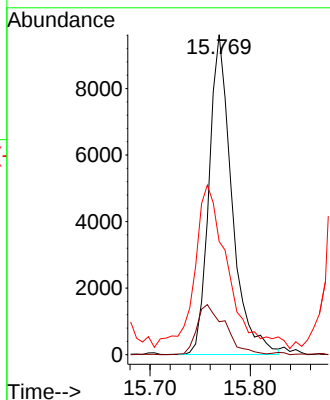
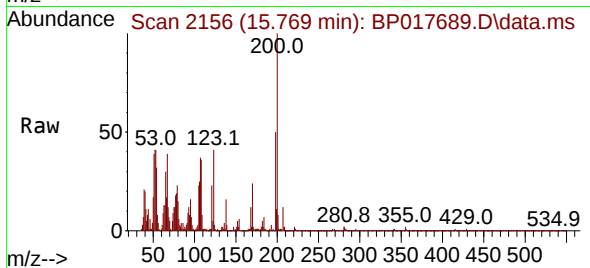
Tgt Ion:198 Resp: 15224
Ion Ratio Lower Upper
198 100
182 10.3 3.4 5.0
77 35.4 23.0 34.6

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Reviewed By :Yogesh
Patel

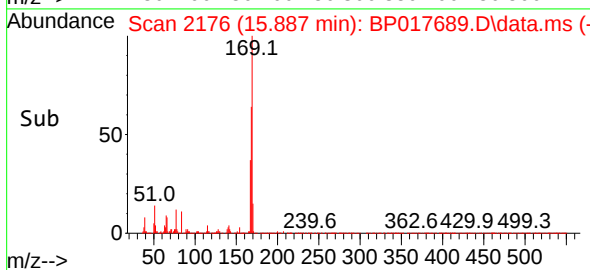
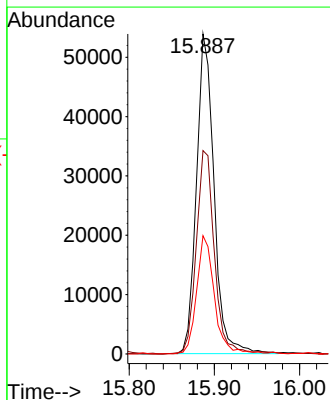
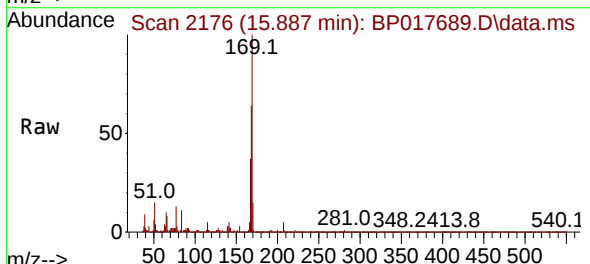
10/17/2023
Supervised By :mohammad
ahmed

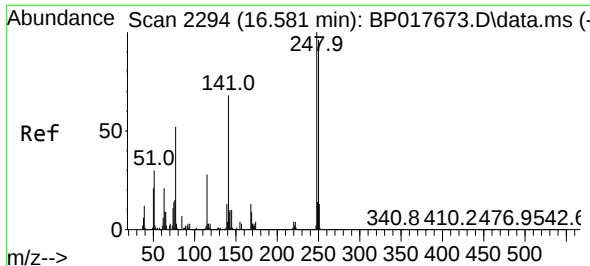
10/18/2023



#67
N-Nitrosodiphenylamine
Concen: 3.593 ng/ul
RT: 15.887 min Scan# 2176
Delta R.T. -0.006 min
Lab File: BP017689.D
Acq: 16 Oct 2023 19:04

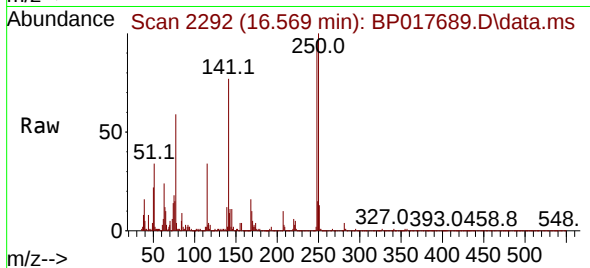
Tgt Ion:169 Resp: 77095
Ion Ratio Lower Upper
169 100
168 63.6 53.3 79.9
167 37.0 29.6 44.4





#68
4-Bromophenyl-phenylether
Concen: 3.379 ng/ul
RT: 16.569 min Scan# 2105
Delta R.T. 0.000 min
Lab File: BP017689.D
Acq: 16 Oct 2023 19:04

Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-QT3-2023-05



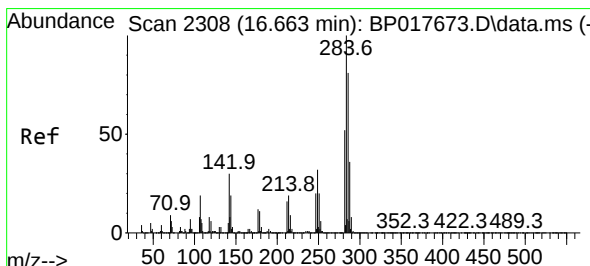
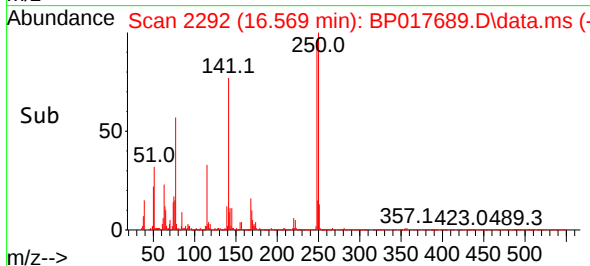
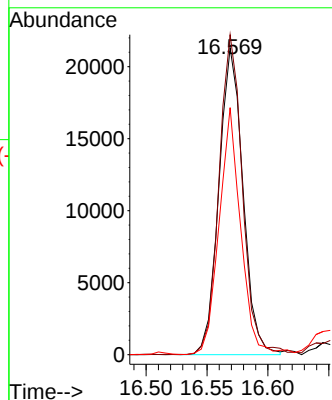
Tgt Ion:248 Resp: 29264
Ion Ratio Lower Upper
248 100
250 104.3 75.9 113.9
141 80.5 57.2 85.8

Manual Integrations
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Reviewed By :Yogesh
Patel

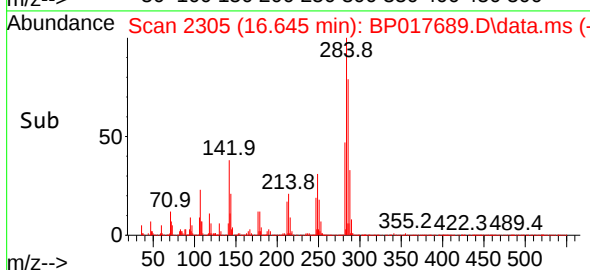
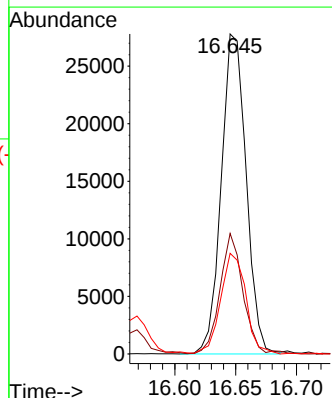
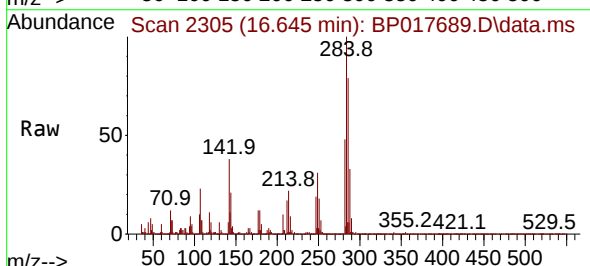
10/17/2023
Supervised By :mohammad
ahmed

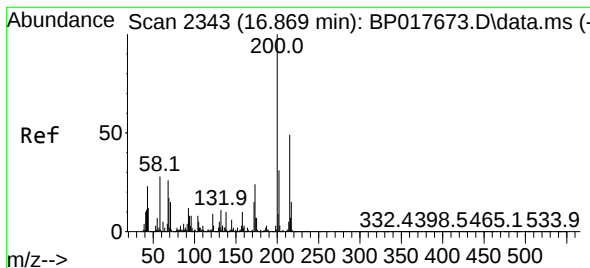
10/18/2023



#69
Hexachlorobenzene
Concen: 3.837 ng/ul
RT: 16.645 min Scan# 2305
Delta R.T. -0.006 min
Lab File: BP017689.D
Acq: 16 Oct 2023 19:04

Tgt Ion:284 Resp: 39547
Ion Ratio Lower Upper
284 100
142 35.6 25.8 38.6
249 29.8 24.9 37.3





#70

Atrazine

Concen: 3.058 ng/ul

RT: 16.851 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP017689.D

Acq: 16 Oct 2023 19:04

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-QT3-2023-05

Tgt Ion:	200	Resp:	25394
Ion Ratio	Lower	Upper	
200	100		
173	21.9	19.9	29.9
215	42.3	37.8	56.6

Manual Integrations

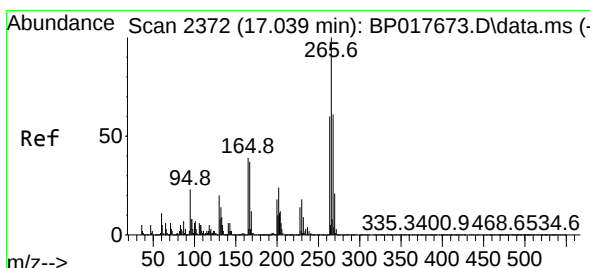
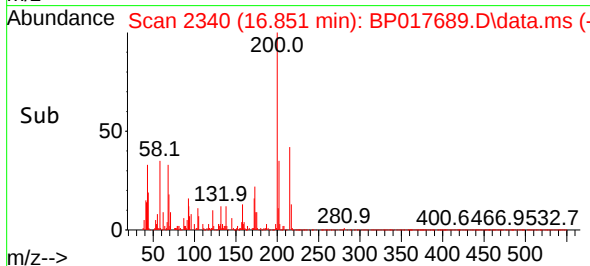
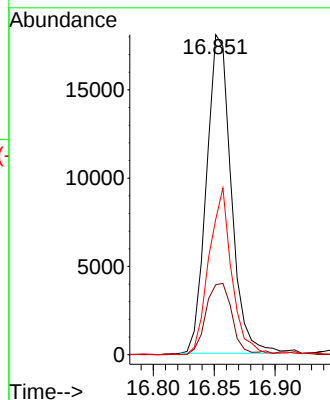
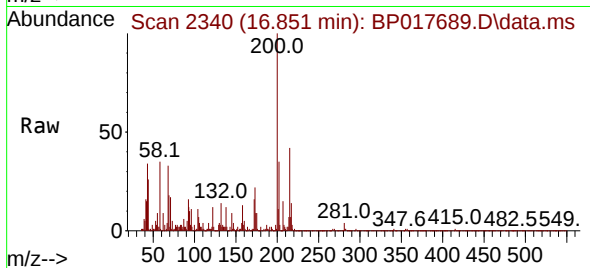
APPROVED

Reviewed By :Yogesh
Patel

10/17/2023

Supervised By :mohammad
ahmed

10/18/2023



#71

Pentachlorophenol

Concen: 3.384 ng/ul

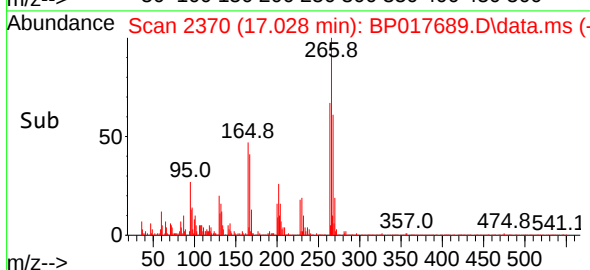
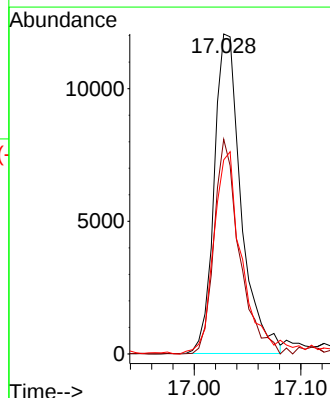
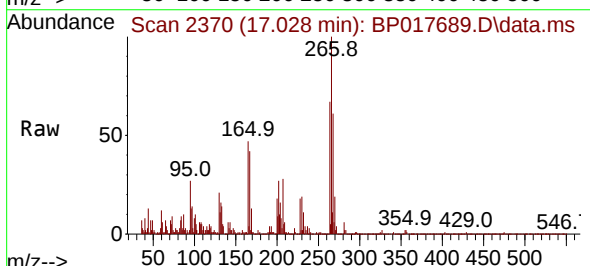
RT: 17.028 min Scan# 2370

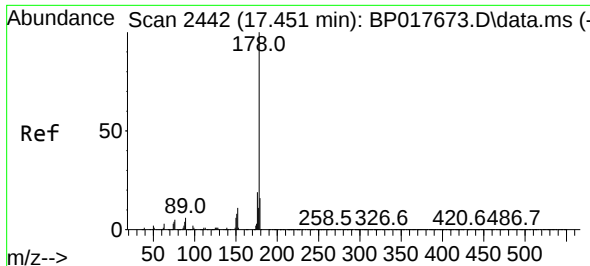
Delta R.T. 0.000 min

Lab File: BP017689.D

Acq: 16 Oct 2023 19:04

Tgt Ion:	266	Resp:	21123
Ion Ratio	Lower	Upper	
266	100		
264	71.7	49.2	73.8
268	60.7	51.8	77.6





#72
Phenanthrene
Concen: 3.727 ng/ul
RT: 17.439 min Scan# 2440
Delta R.T. 0.000 min
Lab File: BP017689.D
Acq: 16 Oct 2023 19:04

Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-QT3-2023-05

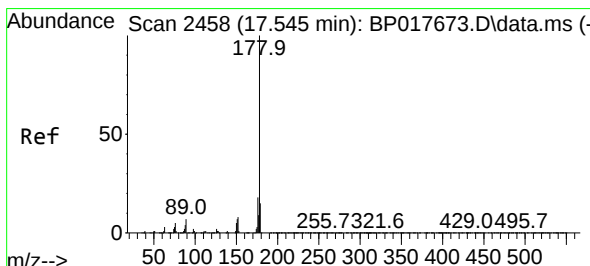
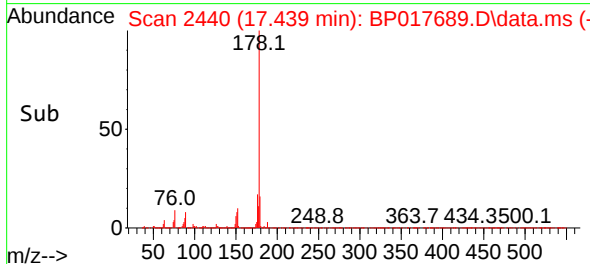
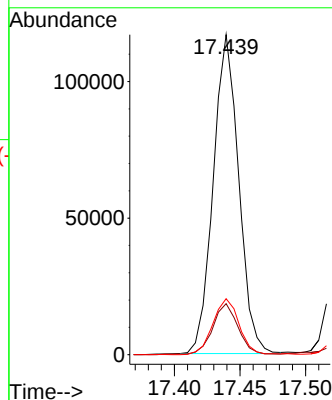
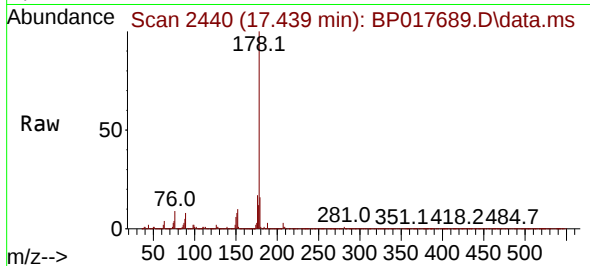
Tgt Ion:178 Resp: 15746
Ion Ratio Lower Upper
178 100
179 15.9 12.1 18.1
176 17.5 15.3 22.9

Manual Integrations
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Reviewed By :Yogesh
Patel

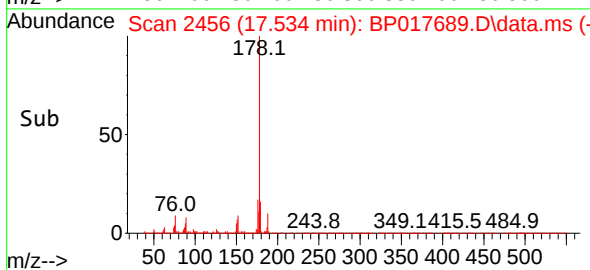
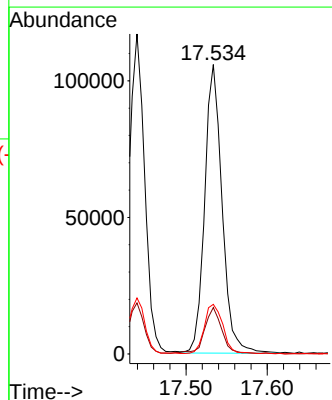
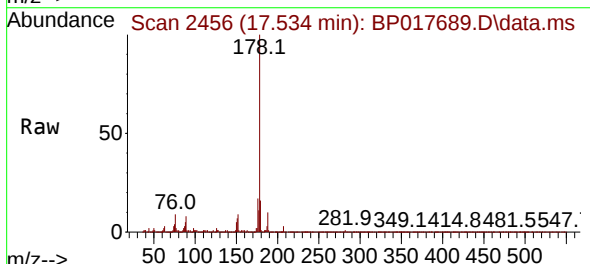
10/17/2023
Supervised By :mohammad
ahmed

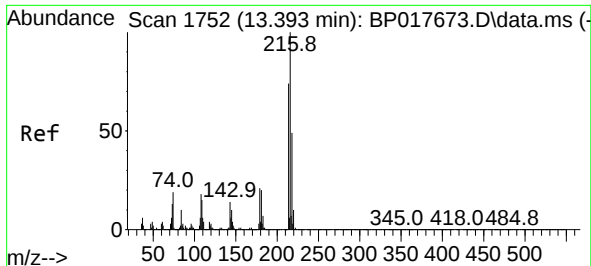
10/18/2023



#74
Anthracene
Concen: 3.680 ng/ul
RT: 17.534 min Scan# 2456
Delta R.T. 0.000 min
Lab File: BP017689.D
Acq: 16 Oct 2023 19:04

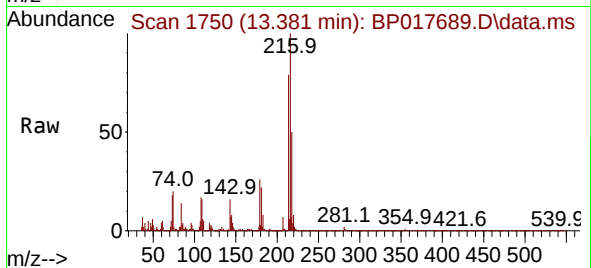
Tgt Ion:178 Resp: 157259
Ion Ratio Lower Upper
178 100
179 16.1 12.3 18.5
176 17.2 14.6 22.0





#75
1,2,3,4-Tetrachlorobenzene
Concen: 3.453 ng/uL
RT: 13.381 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP017689.D
Acq: 16 Oct 2023 19:04

Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-QT3-2023-05



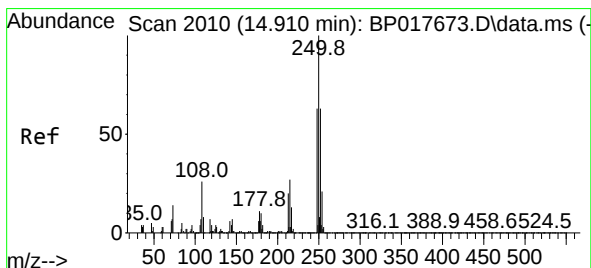
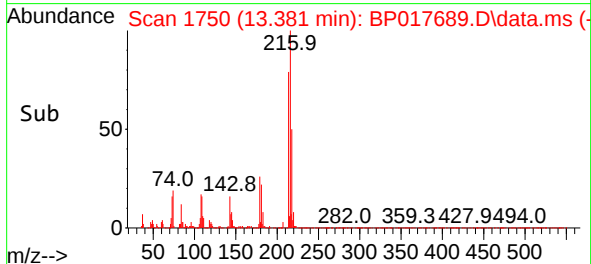
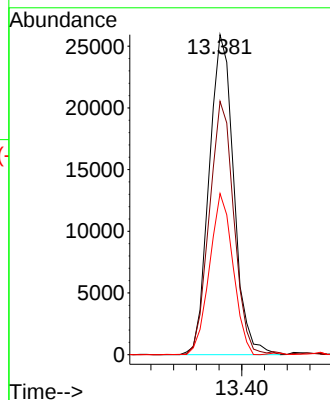
Tgt Ion:216 Resp: 39124
Ion Ratio Lower Upper
216 100
214 79.1 62.9 94.3
218 50.4 38.6 58.0

Manual Integrations
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Reviewed By :Yogesh
Patel

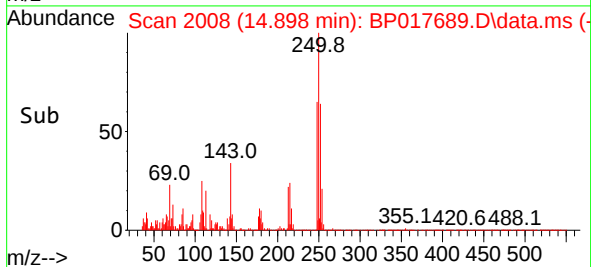
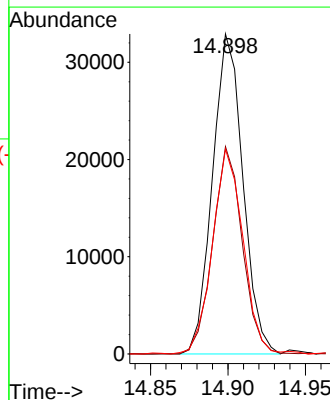
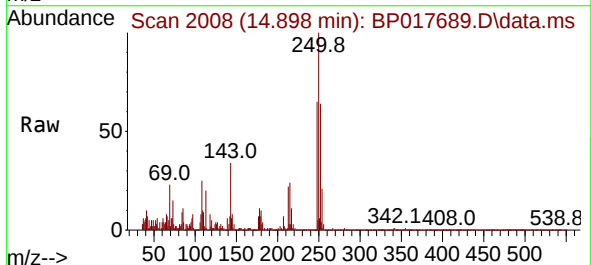
10/17/2023
Supervised By :mohammad
ahmed

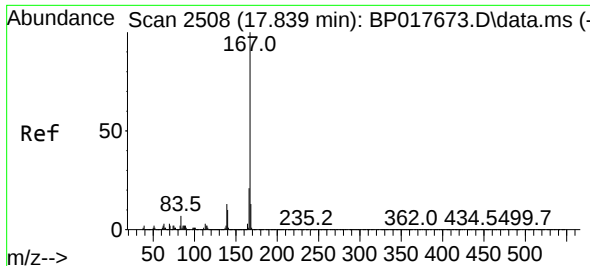
10/18/2023



#76
Pentachlorobenzene
Concen: 3.866 ng/uL
RT: 14.898 min Scan# 2008
Delta R.T. 0.000 min
Lab File: BP017689.D
Acq: 16 Oct 2023 19:04

Tgt Ion:250 Resp: 44954
Ion Ratio Lower Upper
250 100
248 64.8 50.8 76.2
252 64.0 49.9 74.9





#77
 Carbazole
 Concen: 3.310 ng/ul
 RT: 17.828 min Scan# 2506
 Delta R.T. 0.000 min
 Lab File: BP017689.D
 Acq: 16 Oct 2023 19:04

Instrument :
 BNA_P
 ClientSampleId :
 MDL-SOIL-QT3-2023-05

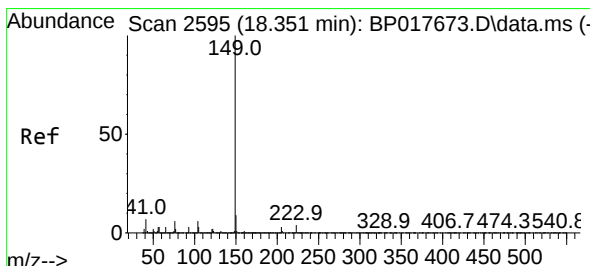
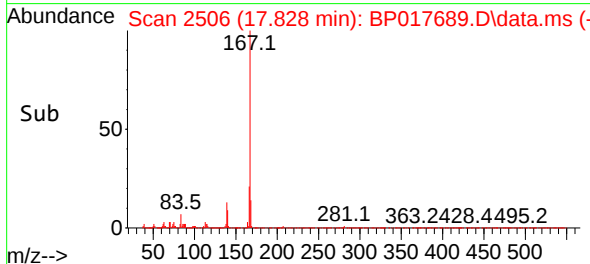
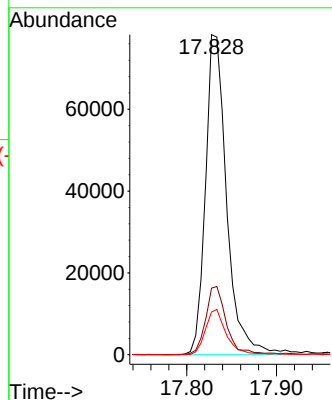
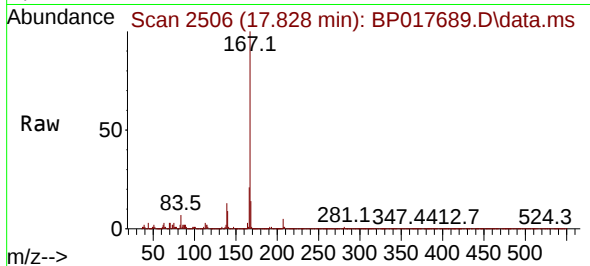
Tgt Ion:167 Resp: 128100
 Ion Ratio Lower Upper
 167 100
 166 20.8 17.0 25.6
 139 13.4 10.2 15.2

Manual Integrations
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Reviewed By :Yogesh
 Patel

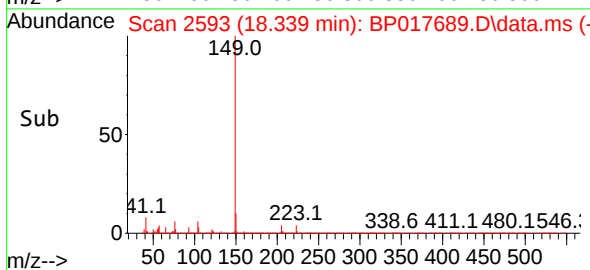
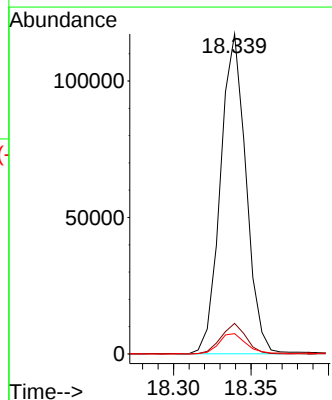
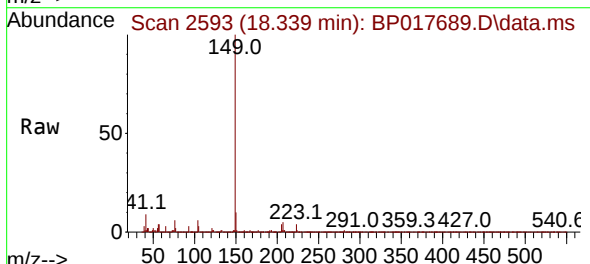
10/17/2023
 Supervised By :mohammad
 ahmed

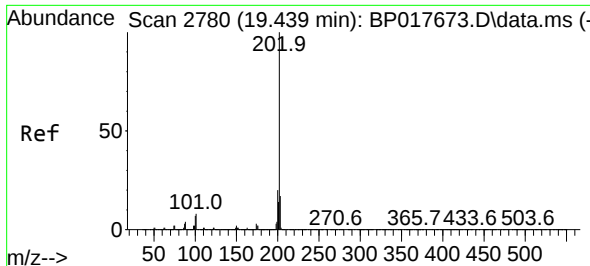
10/18/2023



#78
 Di-n-butylphthalate
 Concen: 2.814 ng/ul
 RT: 18.339 min Scan# 2593
 Delta R.T. 0.000 min
 Lab File: BP017689.D
 Acq: 16 Oct 2023 19:04

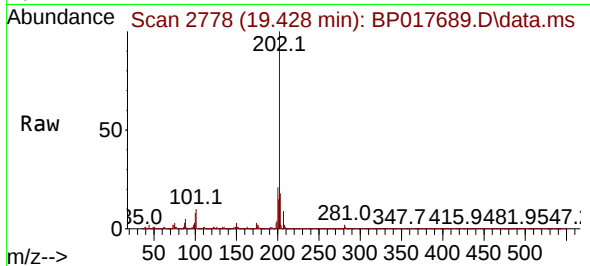
Tgt Ion:149 Resp: 134105
 Ion Ratio Lower Upper
 149 100
 150 9.6 7.4 11.0
 104 6.3 4.6 6.8





#80
Fluoranthene
Concen: 3.255 ng/u1
RT: 19.428 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP017689.D
Acq: 16 Oct 2023 19:04

Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-QT3-2023-05



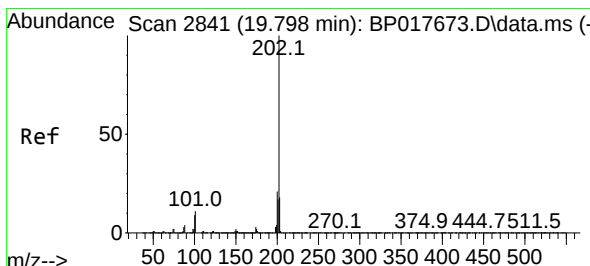
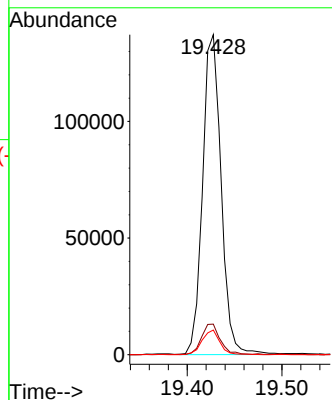
Tgt Ion:202 Resp: 186354
Ion Ratio Lower Upper
202 100
101 9.5 7.0 10.6
100 7.7 5.8 8.6

Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel

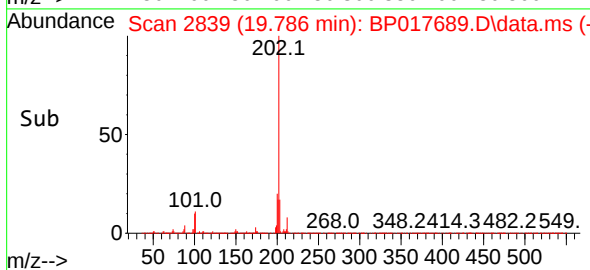
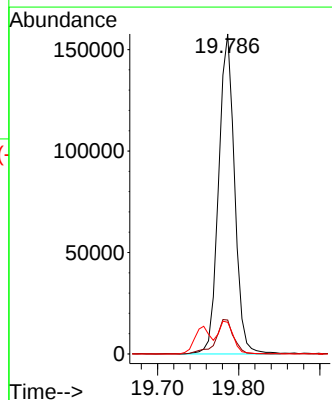
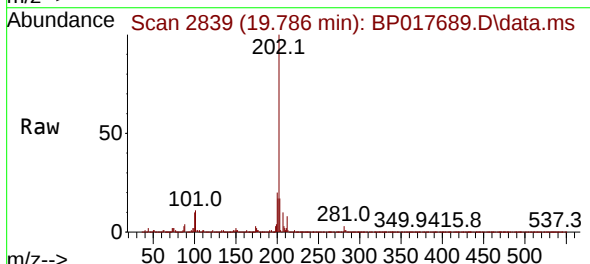
10/17/2023
Supervised By :mohammad
ahmed

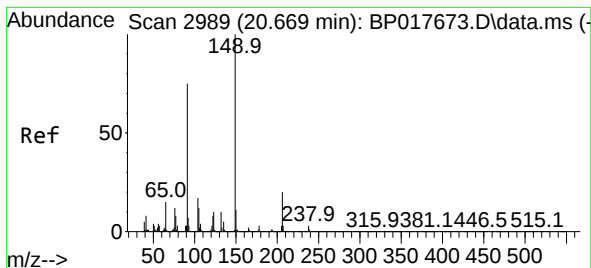
10/18/2023



#82
Pyrene
Concen: 3.609 ng/u1
RT: 19.786 min Scan# 2839
Delta R.T. 0.000 min
Lab File: BP017689.D
Acq: 16 Oct 2023 19:04

Tgt Ion:202 Resp: 215885
Ion Ratio Lower Upper
202 100
101 10.6 8.8 13.2
100 9.9 7.4 11.0





#83

Butylbenzylphthalate

Concen: 2.423 ng/ul

RT: 20.657 min Scan# 2989

Delta R.T. 0.000 min

Lab File: BP017689.D

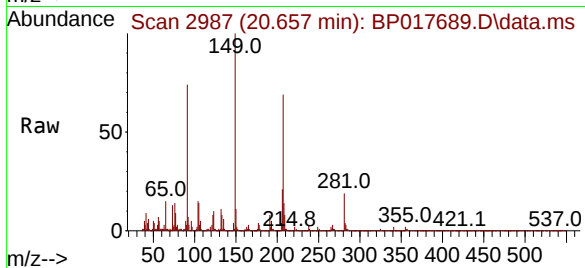
Acq: 16 Oct 2023 19:04

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-QT3-2023-05



Tgt Ion	Ratio	Lower	Upper
149	100		
91	73.9	59.6	89.4
206	21.4	17.2	25.8

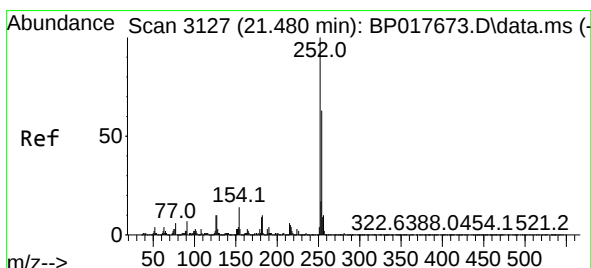
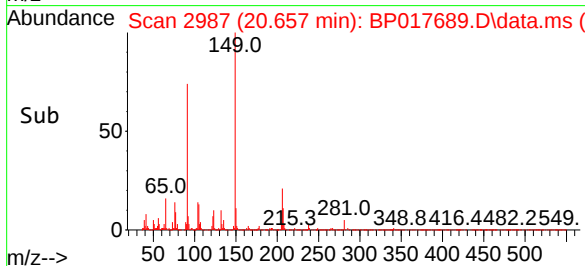
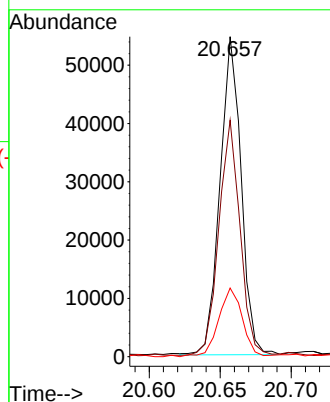
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel

10/17/2023

Supervised By :mohammad
ahmed

10/18/2023



#84

3,3'-Dichlorobenzidine

Concen: 3.642 ng/ul

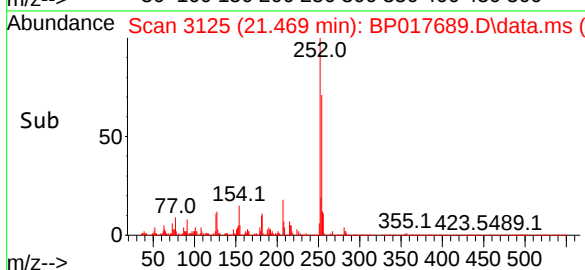
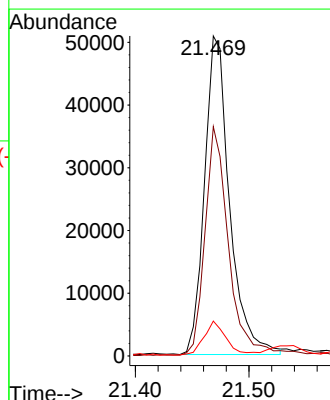
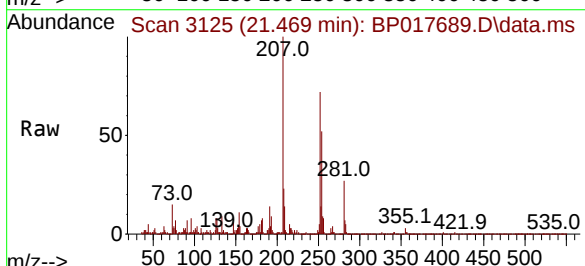
RT: 21.469 min Scan# 3125

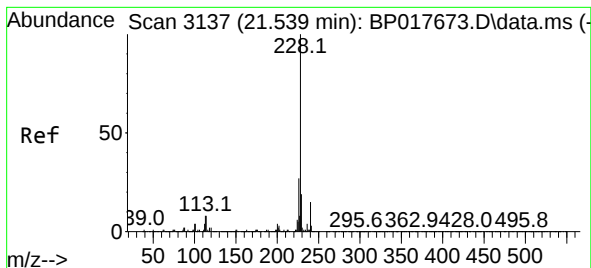
Delta R.T. 0.000 min

Lab File: BP017689.D

Acq: 16 Oct 2023 19:04

Tgt Ion	Ratio	Lower	Upper
252	100		
254	71.6	51.8	77.6
126	10.9	8.1	12.1





#85

Benzo(a)anthracene

Concen: 3.550 ng/ul

RT: 21.522 min Scan# 3113

Delta R.T. -0.006 min

Lab File: BP017689.D

Acq: 16 Oct 2023 19:04

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-QT3-2023-05

Tgt Ion:	228	Resp:	22663
Ion Ratio	Lower	Upper	
228	100		
229	20.4	15.4	23.2
226	26.7	21.4	32.0

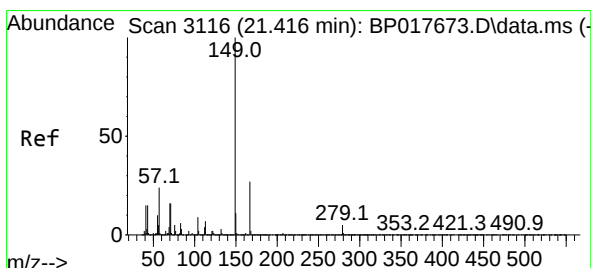
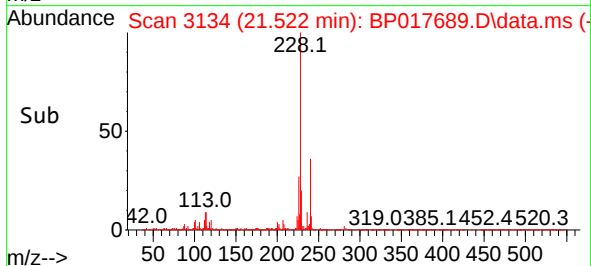
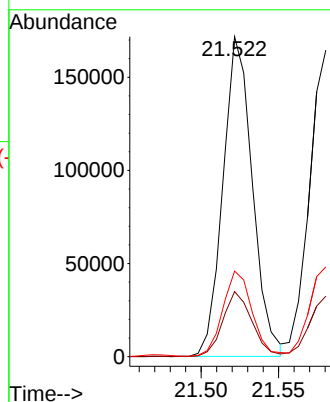
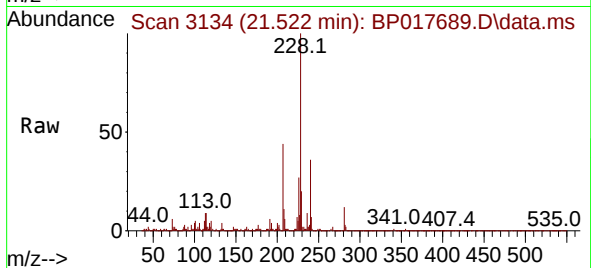
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel

10/17/2023

Supervised By :mohammad
ahmed

10/18/2023



#86

Bis(2-ethylhexyl)phthalate

Concen: 2.183 ng/ul

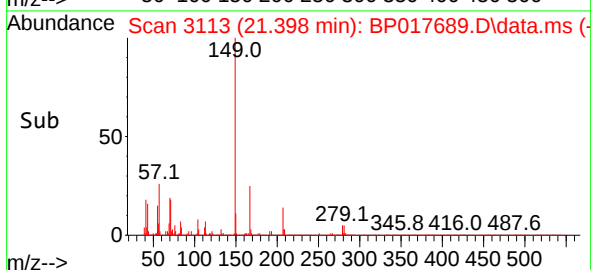
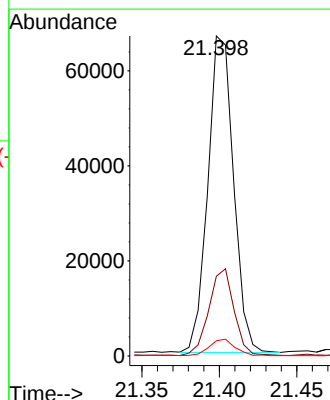
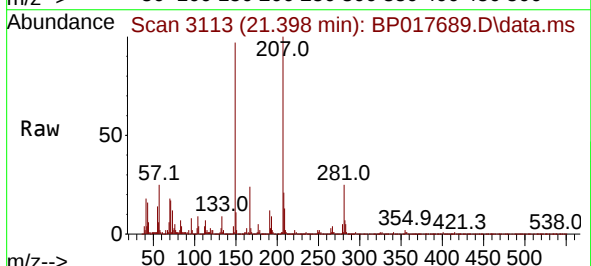
RT: 21.398 min Scan# 3113

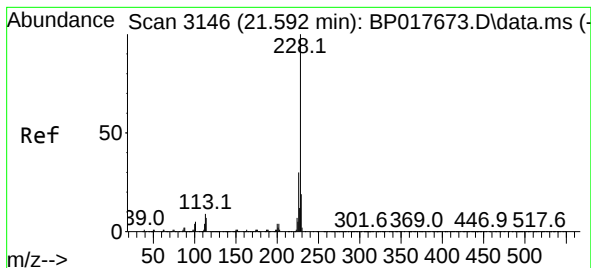
Delta R.T. -0.006 min

Lab File: BP017689.D

Acq: 16 Oct 2023 19:04

Tgt Ion:	149	Resp:	76806
Ion Ratio	Lower	Upper	
149	100		
167	24.9	21.7	32.5
279	4.8	3.7	5.5





#87

Chrysene

Concen: 3.712 ng/ul

RT: 21.580 min Scan# 3146

Delta R.T. 0.000 min

Lab File: BP017689.D

Acq: 16 Oct 2023 19:04

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-QT3-2023-05

Tgt Ion:228 Resp: 218679
 Ion Ratio Lower Upper
 228 100
 226 29.3 24.2 36.4
 229 19.7 16.1 24.1

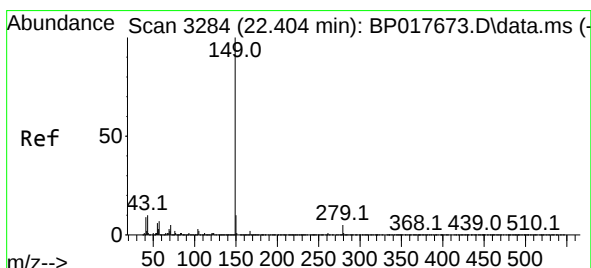
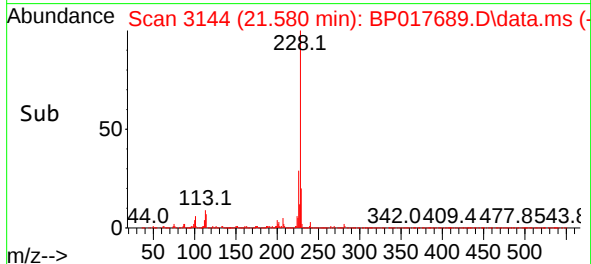
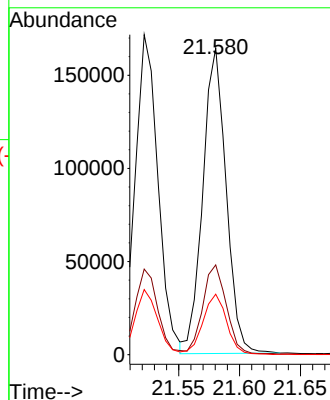
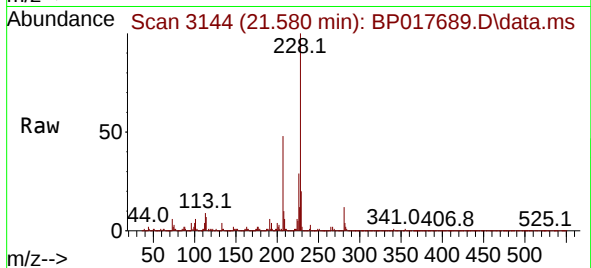
Manual Integrations
 APPROVED

Reviewed By :Yogesh
 Patel

10/17/2023

Supervised By :mohammad
 ahmed

10/18/2023



#89

Di-n-octyl phthalate

Concen: 2.238 ng/ul

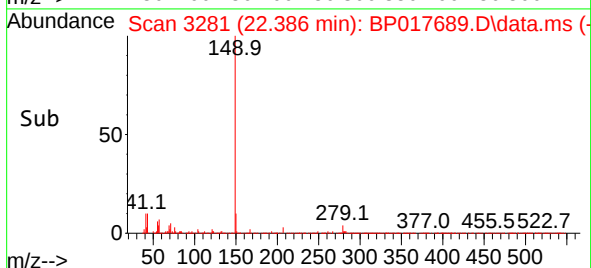
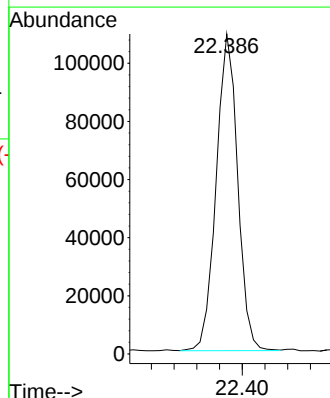
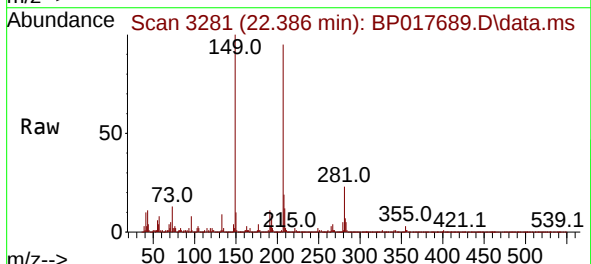
RT: 22.386 min Scan# 3281

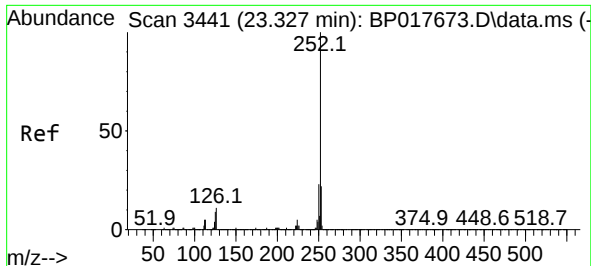
Delta R.T. 0.000 min

Lab File: BP017689.D

Acq: 16 Oct 2023 19:04

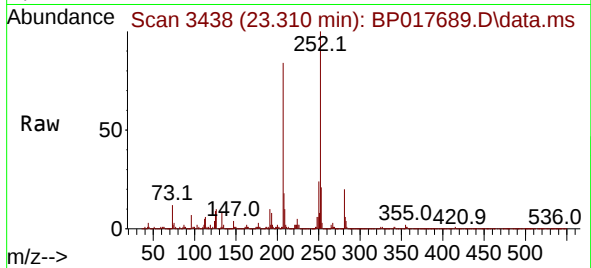
Tgt Ion:149 Resp: 143072





#90
Benzo(b)fluoranthene
Concen: 3.587 ng/ul
RT: 23.310 min Scan# 3441
Delta R.T. 0.000 min
Lab File: BP017689.D
Acq: 16 Oct 2023 19:04

Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-QT3-2023-05



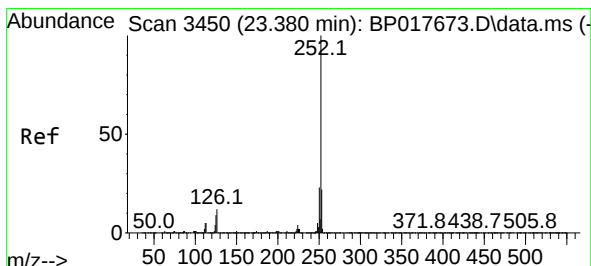
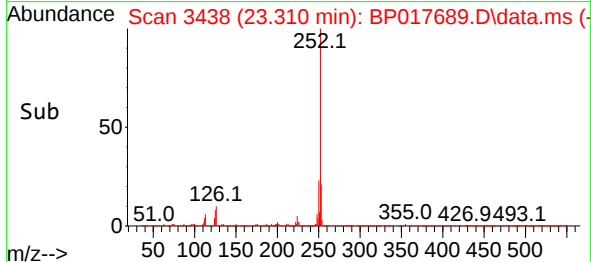
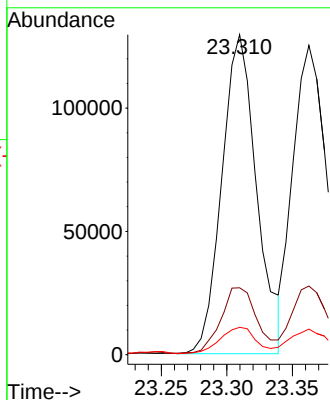
Tgt Ion:252 Resp: 239159
Ion Ratio Lower Upper
252 100
253 20.9 17.3 25.9
125 8.5 6.9 10.3

Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel

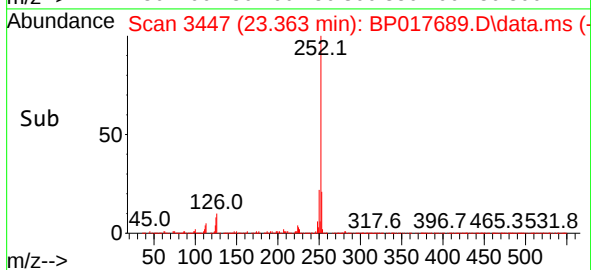
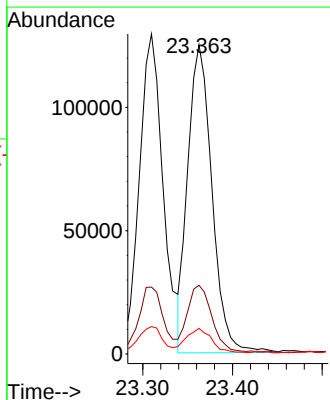
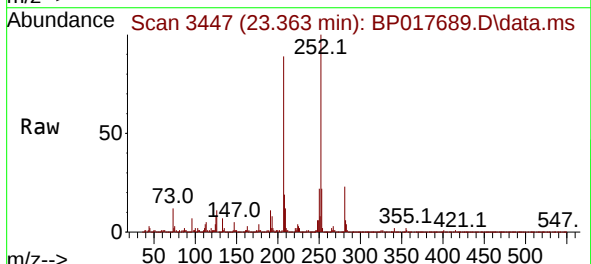
10/17/2023
Supervised By :mohammad
ahmed

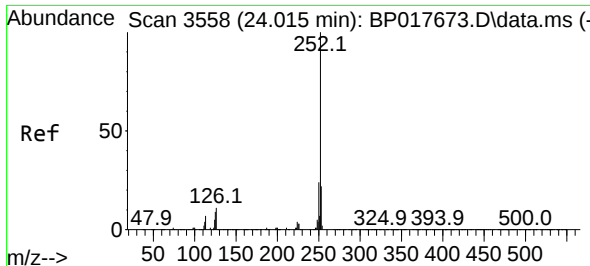
10/18/2023



#91
Benzo(k)fluoranthene
Concen: 3.524 ng/ul
RT: 23.363 min Scan# 3447
Delta R.T. -0.006 min
Lab File: BP017689.D
Acq: 16 Oct 2023 19:04

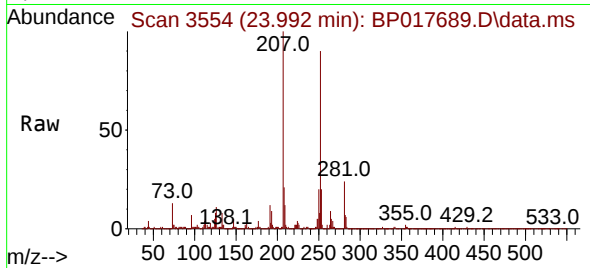
Tgt Ion:252 Resp: 233740
Ion Ratio Lower Upper
252 100
253 22.2 17.4 26.0
125 8.3 6.3 9.5





#93
Benzo(a)pyrene
Concen: 3.556 ng/ul
RT: 23.992 min Scan# 31
Delta R.T. -0.006 min
Lab File: BP017689.D
Acq: 16 Oct 2023 19:04

Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-QT3-2023-05



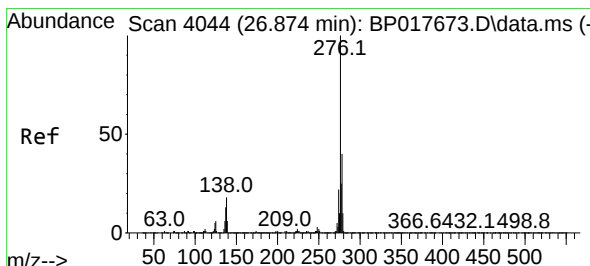
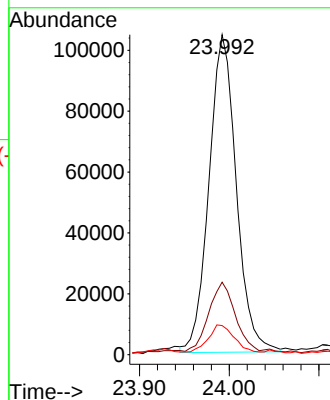
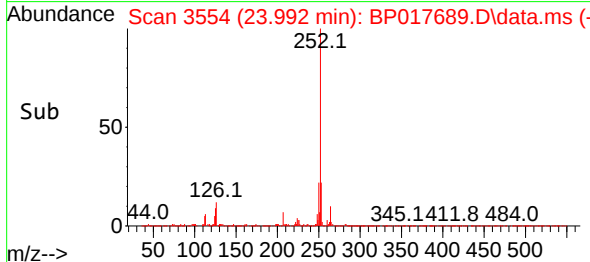
Tgt Ion:252 Resp: 220750
Ion Ratio Lower Upper
252 100
253 22.7 17.4 26.0
125 9.1 7.3 10.9

Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel

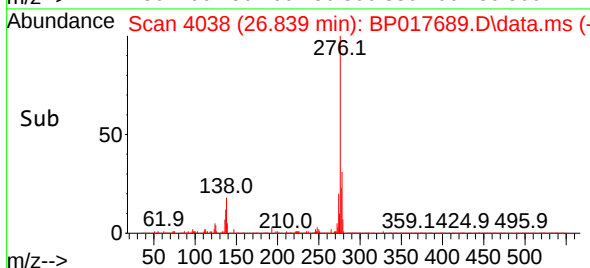
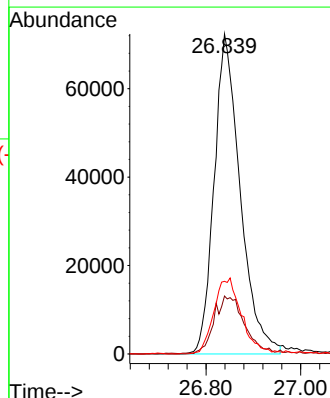
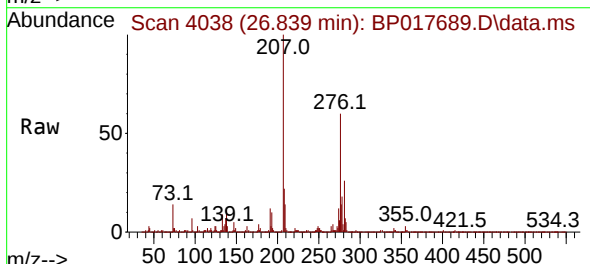
10/17/2023
Supervised By :mohammad
ahmed

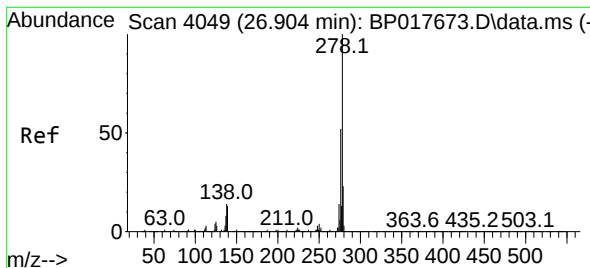
10/18/2023



#94
Indeno(1,2,3-cd)pyrene
Concen: 3.635 ng/ul
RT: 26.839 min Scan# 4038
Delta R.T. 0.000 min
Lab File: BP017689.D
Acq: 16 Oct 2023 19:04

Tgt Ion:276 Resp: 276747
Ion Ratio Lower Upper
276 100
138 18.1 14.6 21.8
277 22.7 19.3 28.9





#95

Dibenzo(a,h)anthracene

Concen: 3.609 ng/ul

RT: 26.868 min Scan# 4049

Delta R.T. 0.000 min

Lab File: BP017689.D

Acq: 16 Oct 2023 19:04

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-QT3-2023-05

Tgt Ion:	278	Resp:	23029
Ion Ratio	Lower	Upper	
278	100		
139	15.0	10.8	16.2
279	25.3	19.8	29.8

Manual Integrations

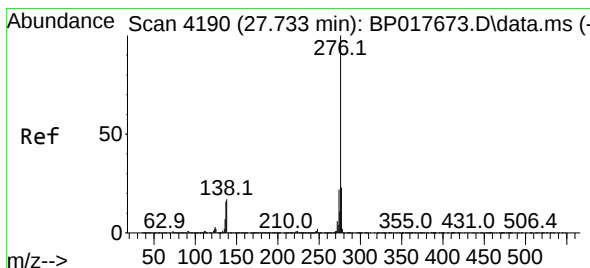
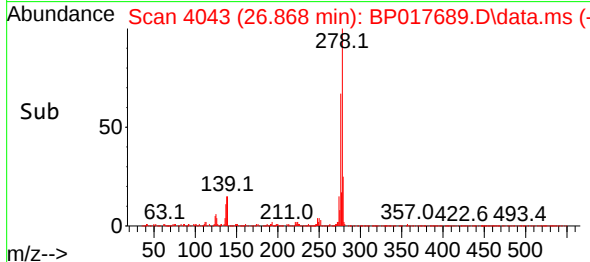
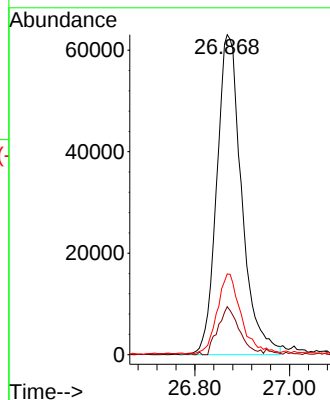
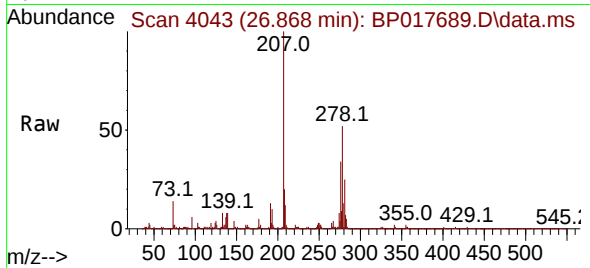
APPROVED

Reviewed By :Yogesh
Patel

10/17/2023

Supervised By :mohammad
ahmed

10/18/2023



#96

Benzo(g,h,i)perylene

Concen: 3.701 ng/ul

RT: 27.698 min Scan# 4184

Delta R.T. 0.000 min

Lab File: BP017689.D

Acq: 16 Oct 2023 19:04

Tgt Ion:	276	Resp:	224049
Ion Ratio	Lower	Upper	
276	100		
138	17.2	14.1	21.1
277	24.1	18.7	28.1

