

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101723\
 Data File : BP017695.D
 Acq On : 17 Oct 2023 12:58
 Operator : MA/JU
 Sample : 03573-04
 Misc : SFAM-MDL-SOIL-02
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MDL-SOIL-QT3-2023-06

Quant Time: Oct 18 01:26:27 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
 10/18/2023

Supervised By :mohammad
 ahmed
 10/19/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.910	152	84379	20.000	ng/u1	0.00
20) Naphthalene-d8	10.746	136	350281	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.610	164	227507	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.404	188	550646	20.000	ng/u1	0.00
79) Chrysene-d12	21.545	240	621400	20.000	ng/u1	0.00
88) Perylene-d12	24.115	264	709920	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.269	96	12942	5.655	ng/uL	0.00
4) Pyridine-d5	3.705	84	142247	22.484	ng/u1	0.00
7) Phenol-d5	7.063	99	174746	22.245	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.252	67	109966	23.083	ng/u1	0.00
11) 2-Chlorophenol-d4	7.428	132	140342	23.080	ng/u1	0.00
15) 4-Methylphenol-d8	8.634	113	134484	21.433	ng/u1	0.00
21) Nitrobenzene-d5	9.116	128	65490	22.259	ng/u1	0.00
24) 2-Nitrophenol-d4	9.834	143	68830	20.803	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.369	165	128967	20.739	ng/u1	0.01
31) 4-Chloroaniline-d4	10.922	131	187786	21.068	ng/u1	0.01
46) Dimethylphthalate-d6	14.028	166	446883	22.680	ng/u1	0.00
49) Acenaphthylene-d8	14.304	160	477912	22.524	ng/u1	0.00
54) 4-Nitrophenol-d4	14.863	143	65935	20.009	ng/u1	0.01
60) Fluorene-d10	15.616	176	406763	24.269	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.763	200	61028	15.680	ng/u1	0.00
73) Anthracene-d10	17.504	188	656455	23.093	ng/u1	0.00
81) Pyrene-d10	19.763	212	840307	22.468	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.945	264	960566	24.102	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.305	88	2432	1.002	ng/uL	92
5) Pyridine	3.728	79	24210	3.726	ng/u1#	66
6) Benzaldehyde	7.081	77	19992	5.024	ng/u1	95
8) Phenol	7.099	94	33629	4.313	ng/u1	96
10) Bis(2-Chloroethyl)ether	7.352	93	26893	4.299	ng/u1	93
12) 2-Chlorophenol	7.463	128	27286	4.491	ng/u1	99
13) 2-Methylphenol	8.363	108	22834	3.934	ng/u1	91
14) 2,2'-oxybis(1-Chloropr...	8.422	45	36623m	4.537	ng/u1	
16) Acetophenone	8.775	105	43346	4.440	ng/u1	96
17) N-Nitroso-di-n-propyla...	8.734	70	21541	4.359	ng/u1#	91
18) 4-Methylphenol	8.699	108	25896	4.105	ng/u1	99
19) Hexachloroethane	8.969	117	11755	4.331	ng/u1	91
22) Nitrobenzene	9.163	77	35232	4.662	ng/u1	98
23) Isophorone	9.675	82	54274	3.983	ng/u1#	97
25) 2-Nitrophenol	9.869	139	14491	4.117	ng/u1#	85
26) 2,4-Dimethylphenol	9.916	107	30476	4.357	ng/u1	95
27) Bis(2-Chloroethoxy)met...	10.169	93	37155	4.462	ng/u1	98
29) 2,4-Dichlorophenol	10.398	162	26475m	4.412	ng/u1	
30) Naphthalene	10.793	128	95172	4.674	ng/u1	98
32) 4-Chloroaniline	10.945	127	37474	4.397	ng/u1	89
33) Hexachlorobutadiene	11.022	225	21566	4.648	ng/u1	95
34) Caprolactam	11.775	113	10293m	5.608	ng/u1	
35) 4-Chloro-3-methylphenol	12.063	107	21846	3.451	ng/u1	97
36) 2-Methylnaphthalene	12.416	142	62853	4.507	ng/u1	98

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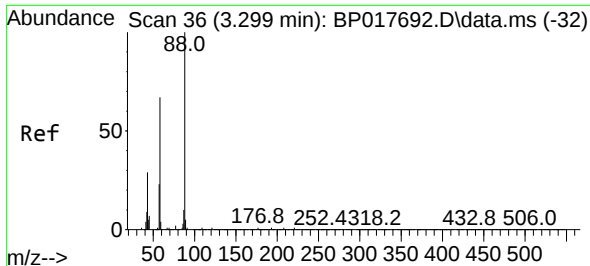
Manual Integrations APPROVED

Reviewed By :Yogesh
 Patel
 10/18/2023

Supervised By :mohammad
 ahmed
 10/19/2023

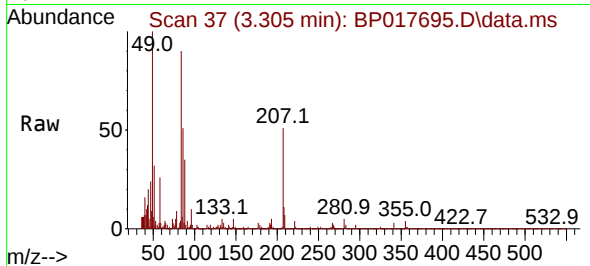
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.640	142	49786	3.517	ng/ul#	99
39) 1,2,4,5-Tetrachloroben...	12.769	216	38962	4.694	ng/ul	93
40) Hexachlorocyclopentadiene	12.710	237	13526	3.627	ng/ul#	92
41) 2,4,6-Trichlorophenol	13.040	196	18917	3.701	ng/ul	94
42) 2,4,5-Trichlorophenol	13.122	196	20979m	3.888	ng/ul	
43) 1,1'-Biphenyl	13.434	154	87766	4.707	ng/ul	98
44) 2-Chloronaphthalene	13.487	162	70584	4.732	ng/ul	99
45) 2-Nitroaniline	13.745	65	15024	3.643	ng/ul	88
47) Dimethylphthalate	14.075	163	90716	4.662	ng/ul	99
48) 2,6-Dinitrotoluene	14.228	165	12236	3.398	ng/ul#	80
50) Acenaphthylene	14.334	152	112624	4.692	ng/ul	99
51) 3-Nitroaniline	14.581	138	13279m	3.656	ng/ul	
52) Acenaphthene	14.675	153	75856	4.751	ng/ul	99
53) 2,4-Dinitrophenol	14.798	184	11665	5.246	ng/ul	93
55) 4-Nitrophenol	14.875	109	14005	4.536	ng/ul#	84
56) Dibenzofuran	15.016	168	113477	4.955	ng/ul	99
57) 2,4-Dinitrotoluene	15.022	165	21395	3.849	ng/ul	85
58) 2,3,4,6-Tetrachlorophenol	15.245	232	19010	3.808	ng/ul#	99
59) Diethylphthalate	15.439	149	85886	4.400	ng/ul	99
61) Fluorene	15.669	166	91296	4.835	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.663	204	48073	4.788	ng/ul	98
63) 4-Nitroaniline	15.757	138	14757m	4.088	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.775	198	14066	3.451	ng/ul#	71
67) N-Nitrosodiphenylamine	15.892	169	70845	4.306	ng/ul	99
68) 4-Bromophenyl-phenylether	16.575	248	29402	4.428	ng/ul	98
69) Hexachlorobenzene	16.657	284	37115	4.697	ng/ul	97
70) Atrazine	16.863	200	18570m	2.916	ng/ul	
71) Pentachlorophenol	17.033	266	18936	3.957	ng/ul	97
72) Phenanthrene	17.445	178	152984	4.722	ng/ul	98
74) Anthracene	17.539	178	152872	4.665	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.387	216	29970	3.449	ng/ul	98
76) Pentachlorobenzene	14.904	250	34475	3.867	ng/ul	97
77) Carbazole	17.839	167	121688	4.101	ng/ul	99
78) Di-n-butylphthalate	18.345	149	125131	3.424	ng/ul	99
80) Fluoranthene	19.433	202	183407	4.291	ng/ul	99
82) Pyrene	19.792	202	210984	4.725	ng/ul	99
83) Butylbenzylphthalate	20.663	149	52855	3.043	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.474	252	67644	4.250	ng/ul	94
85) Benzo(a)anthracene	21.527	228	213166	4.474	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.404	149	71668	2.728	ng/ul	98
87) Chrysene	21.586	228	216692	4.928	ng/ul	100
89) Di-n-octyl phthalate	22.392	149	132274	2.854	ng/ul	100
90) Benzo(b)fluoranthene	23.315	252	222712	4.607	ng/ul	99
91) Benzo(k)fluoranthene	23.368	252	219369	4.561	ng/ul	99
93) Benzo(a)pyrene	23.998	252	210788	4.682	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.851	276	255689	4.632	ng/ul	97
95) Dibenzo(a,h)anthracene	26.886	278	211728	4.576	ng/ul	99
96) Benzo(g,h,i)perylene	27.703	276	205828	4.689	ng/ul	96

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



#2
1,4-Dioxane
Concen: 1.002 ng/uL
RT: 3.305 min Scan# 31
Delta R.T. -0.000 min
Lab File: BP017695.D
Acq: 17 Oct 2023 12:58

Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-QT3-2023-06

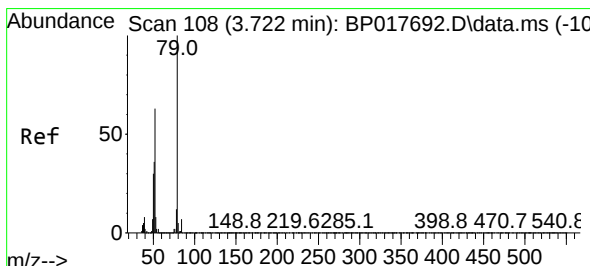
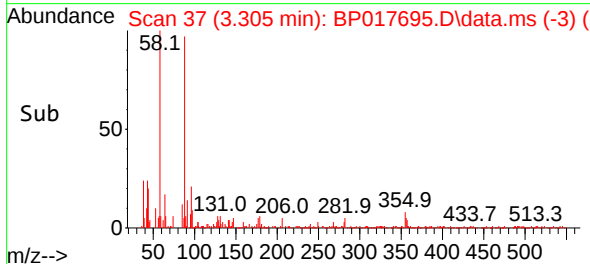
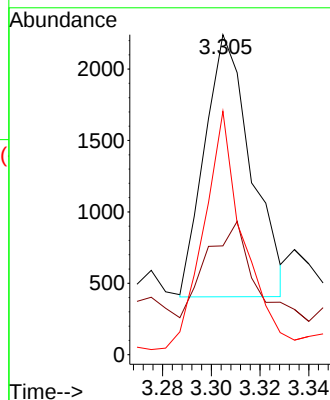


Tgt Ion: 88 Resp: 2432
Ion Ratio Lower Upper
88 100
43 34.0 27.3 40.9
58 76.0 53.3 79.9

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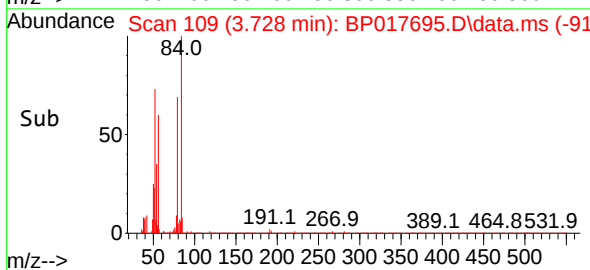
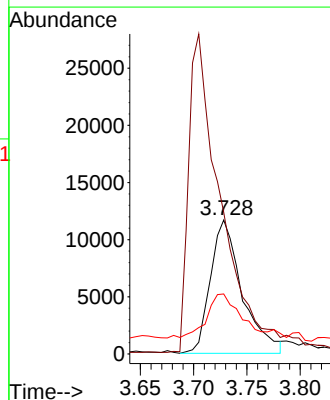
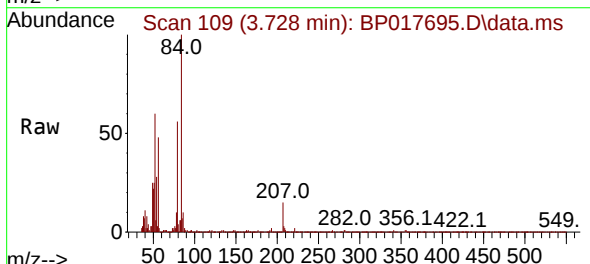
Reviewed By :Yogesh
Patel
10/18/2023

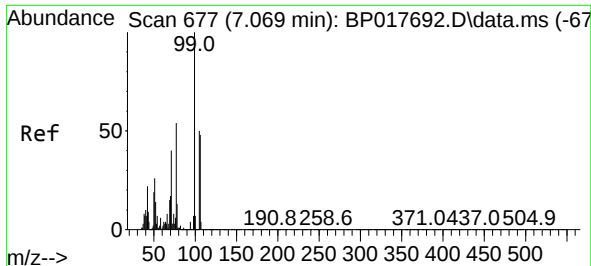
Supervised By :mohammad
ahmed
10/19/2023



#5
Pyridine
Concen: 3.726 ng/uL
RT: 3.728 min Scan# 109
Delta R.T. 0.006 min
Lab File: BP017695.D
Acq: 17 Oct 2023 12:58

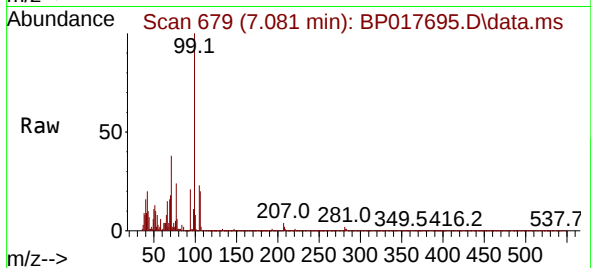
Tgt Ion: 79 Resp: 24210
Ion Ratio Lower Upper
79 100
52 105.7 55.8 83.6#
51 44.9 28.7 43.1#





#6
Benzaldehyde
Concen: 5.024 ng/ul
RT: 7.081 min Scan# 61
Delta R.T. 0.018 min
Lab File: BP017695.D
Acq: 17 Oct 2023 12:58

Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-QT3-2023-06

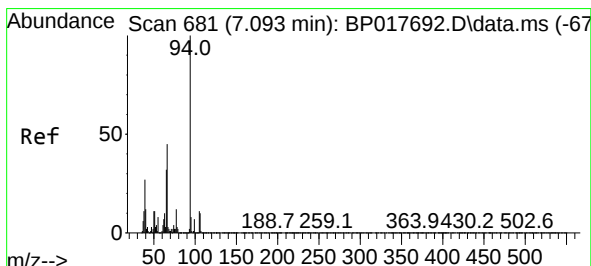
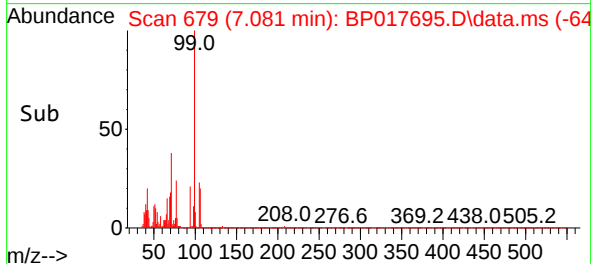
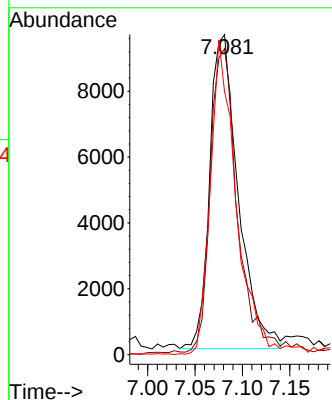


Tgt Ion: 77 Resp: 1999
Ion Ratio Lower Upper
77 100
105 95.6 74.9 112.3
106 82.2 72.2 108.2

Manual Integrations
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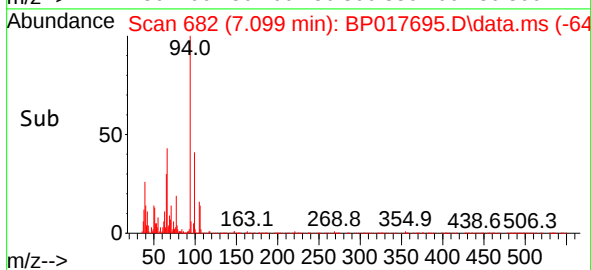
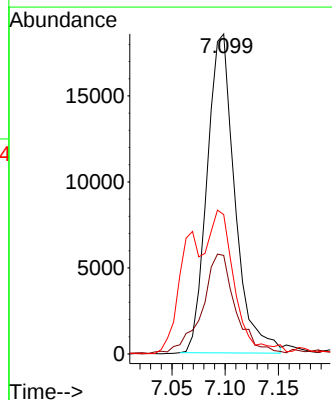
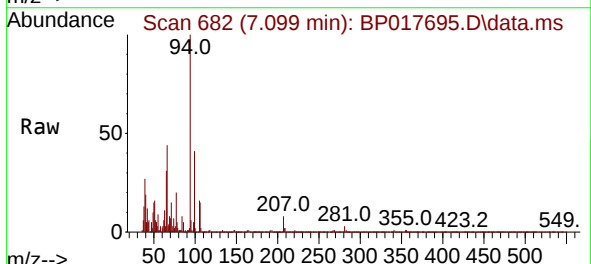
Reviewed By :Yogesh
Patel
10/18/2023

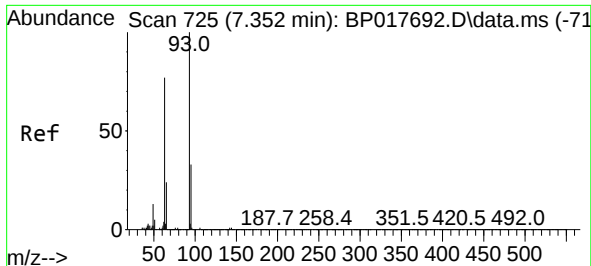
Supervised By :mohammad
ahmed
10/19/2023



#8
Phenol
Concen: 4.313 ng/ul
RT: 7.099 min Scan# 682
Delta R.T. 0.006 min
Lab File: BP017695.D
Acq: 17 Oct 2023 12:58

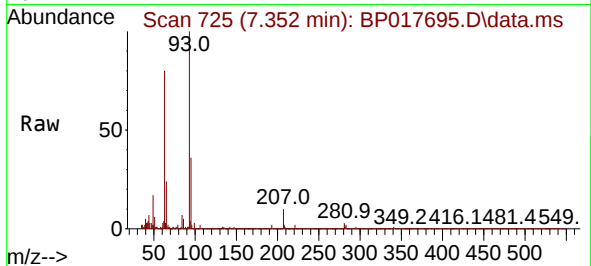
Tgt Ion: 94 Resp: 33629
Ion Ratio Lower Upper
94 100
65 30.8 24.2 36.4
66 43.5 31.8 47.6





#10
Bis(2-Chloroethyl)ether
Concen: 4.299 ng/ul
RT: 7.352 min Scan# 725
Delta R.T. 0.006 min
Lab File: BP017695.D
Acq: 17 Oct 2023 12:58

Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-QT3-2023-06

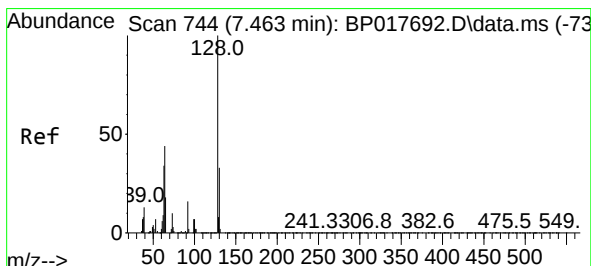
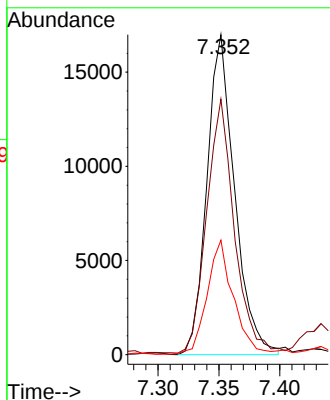
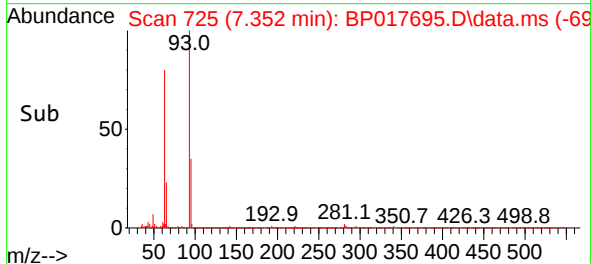


Tgt Ion: 93 Resp: 2689
Ion Ratio Lower Upper
93 100
63 79.8 59.4 89.2
95 35.8 25.3 37.9

Manual Integrations
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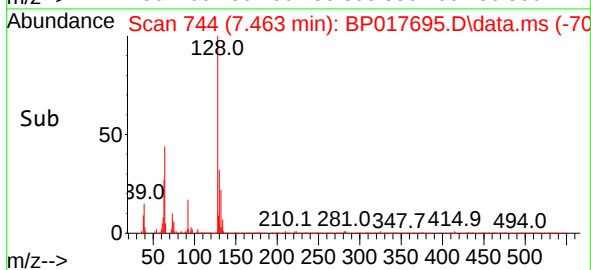
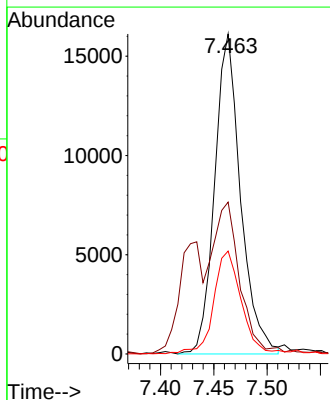
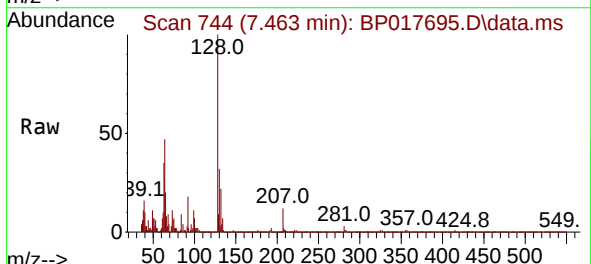
Reviewed By :Yogesh
Patel
10/18/2023

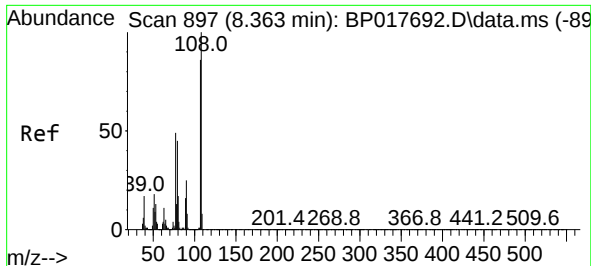
Supervised By :mohammad
ahmed
10/19/2023



#12
2-Chlorophenol
Concen: 4.491 ng/ul
RT: 7.463 min Scan# 744
Delta R.T. 0.006 min
Lab File: BP017695.D
Acq: 17 Oct 2023 12:58

Tgt Ion:128 Resp: 27286
Ion Ratio Lower Upper
128 100
64 47.4 36.9 55.3
130 32.1 25.8 38.8





#13

2-Methylphenol

Concen: 3.934 ng/ul

RT: 8.363 min Scan# 897

Delta R.T. 0.006 min

Lab File: BP017695.D

Acq: 17 Oct 2023 12:58

Instrument :

BNA_P

ClientSampleId :

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Tgt Ion:108 Resp: 22834

Ion Ratio Lower Upper

108 100

107 79.4 70.2 105.2

Manual Integrations

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Reviewed By :Yogesh

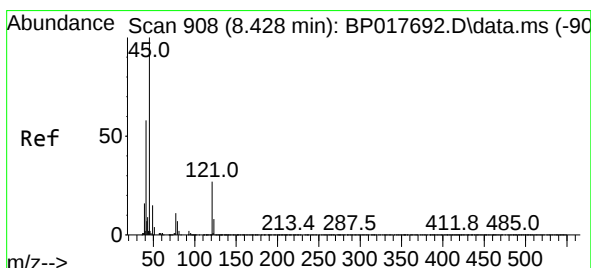
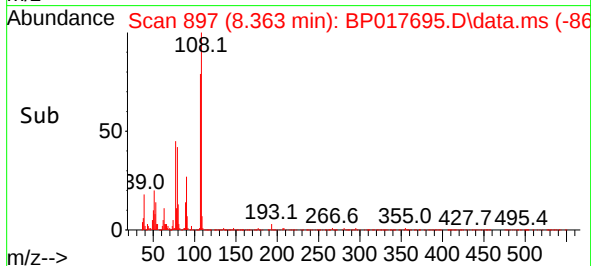
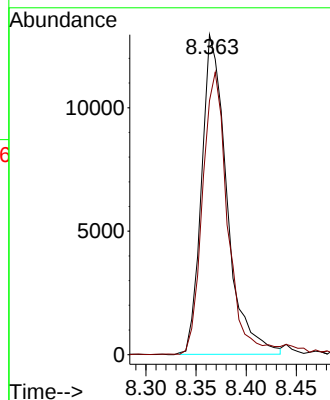
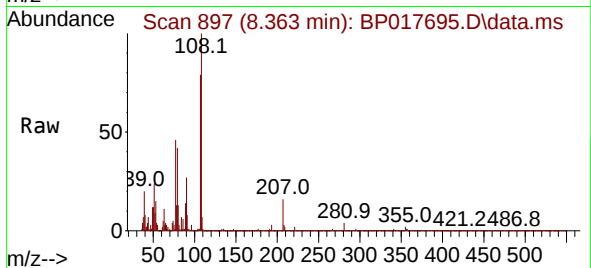
Patel

10/18/2023

Supervised By :mohammad

ahmed

10/19/2023



#14

2,2'-oxybis(1-Chloropropane)

Concen: 4.537 ng/ul m

RT: 8.422 min Scan# 907

Delta R.T. -0.000 min

Lab File: BP017695.D

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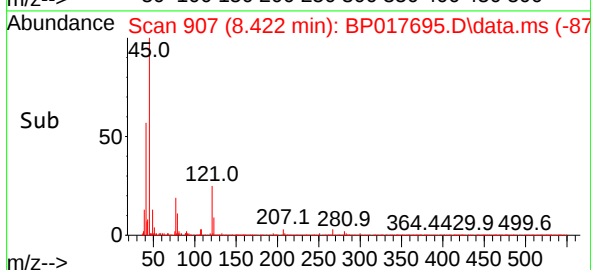
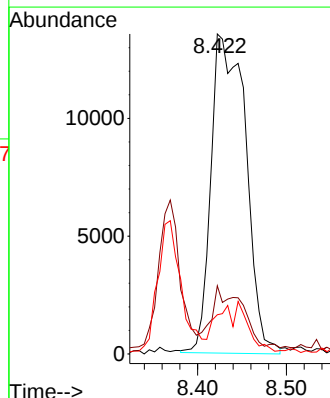
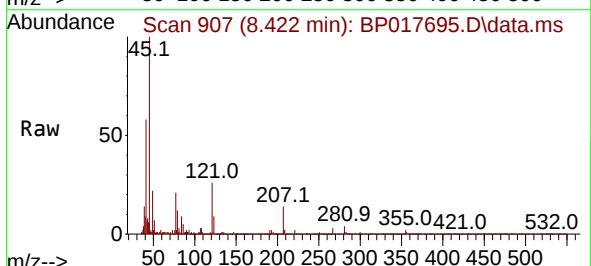
Tgt Ion: 45 Resp: 36623

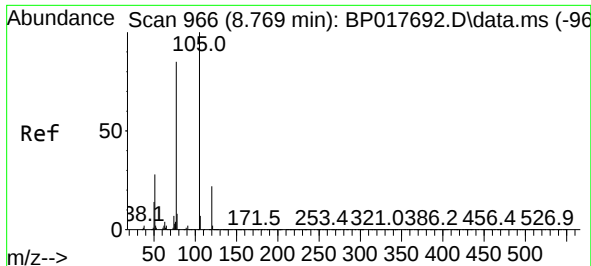
Ion Ratio Lower Upper

45 100

77 21.3 13.0 19.6#

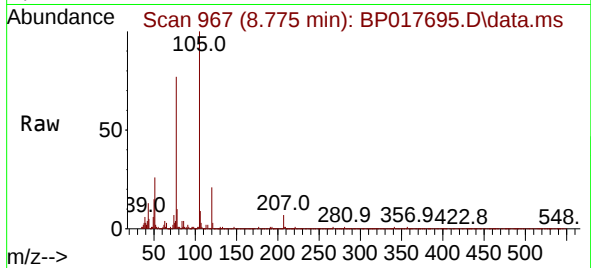
79 12.2 9.5 14.3





#16
Acetophenone
Concen: 4.440 ng/ul
RT: 8.775 min Scan# 966
Delta R.T. 0.012 min
Lab File: BP017695.D
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Instrument :
BNA_P
ClientSampleId :
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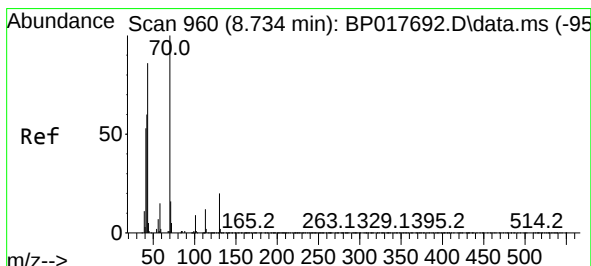
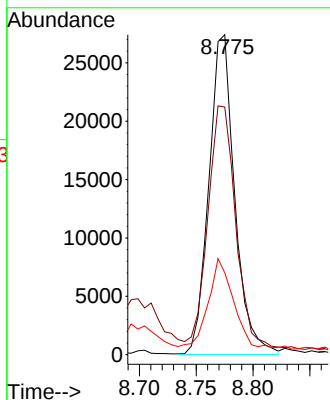
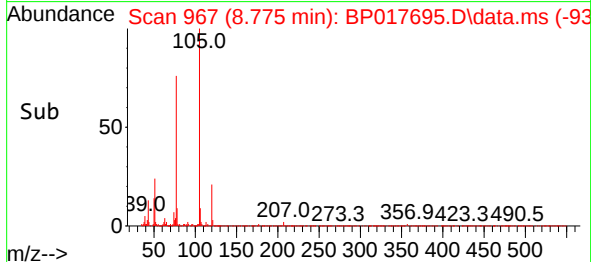


Tgt Ion: 105 Resp: 43340
Ion Ratio Lower Upper
105 100
77 77.4 64.3 96.5
51 25.6 22.6 33.8

Manual Integrations
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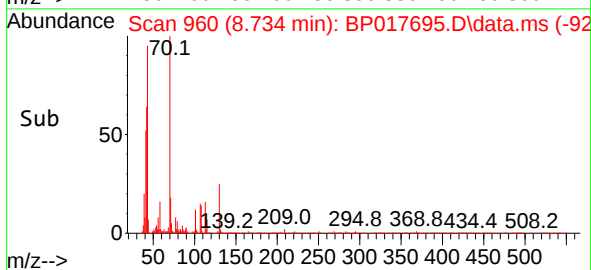
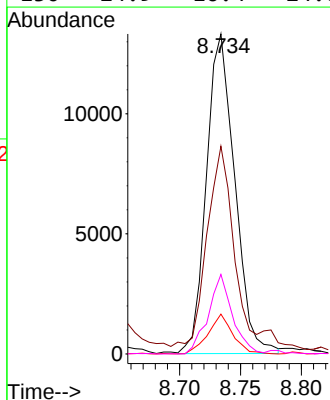
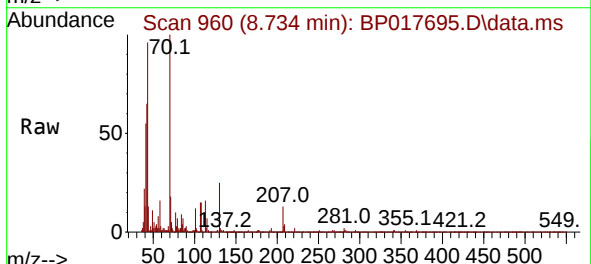
Reviewed By :Yogesh
Patel
10/18/2023

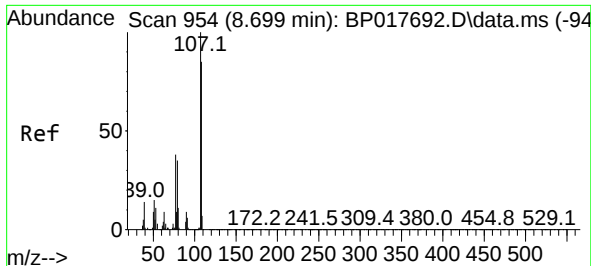
Supervised By :mohammad
ahmed
10/19/2023



#17
N-Nitroso-di-n-propylamine
Concen: 4.359 ng/ul
RT: 8.734 min Scan# 960
Delta R.T. 0.006 min
Lab File: BP017695.D
Acq: 17 Oct 2023 12:58

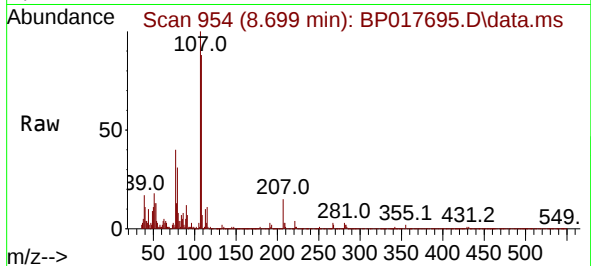
Tgt Ion: 70 Resp: 21541
Ion Ratio Lower Upper
70 100
42 64.9 46.6 70.0
101 12.5 7.8 11.6#
130 24.9 16.4 24.6#





#18
4-Methylphenol
Concen: 4.105 ng/ul
RT: 8.699 min Scan# 91
Delta R.T. 0.006 min
Lab File: BP017695.D
Acq: 17 Oct 2023 12:58

Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-QT3-2023-06

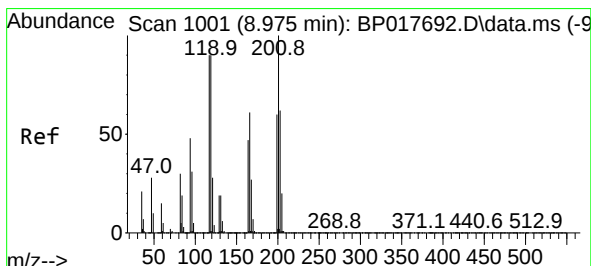
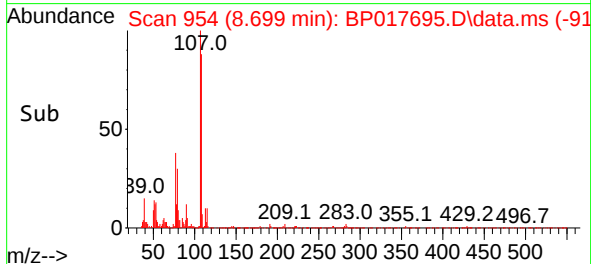
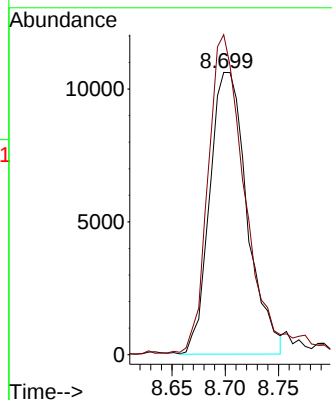


Tgt Ion:108 Resp: 25890
Ion Ratio Lower Upper
108 100
107 113.4 89.4 134.2

Manual Integrations
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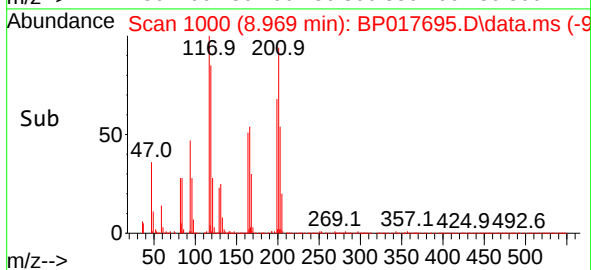
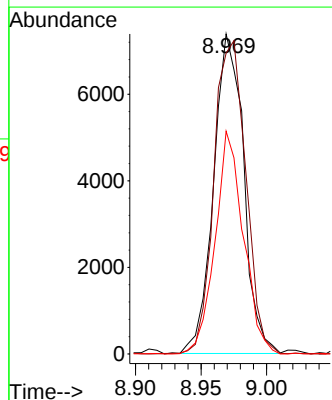
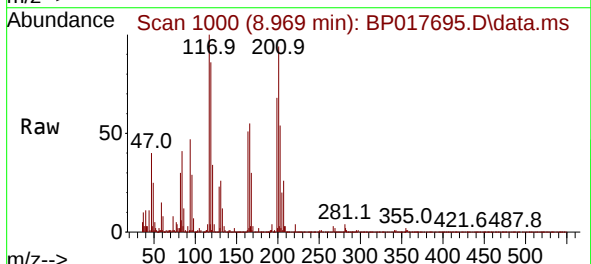
Reviewed By :Yogesh
Patel
10/18/2023

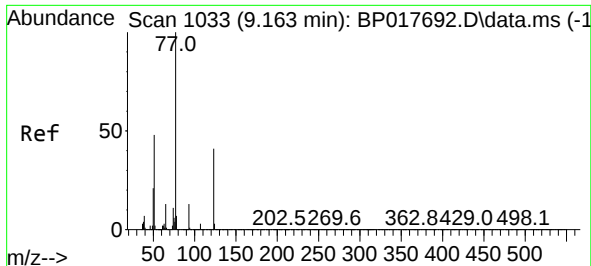
Supervised By :mohammad
ahmed
10/19/2023



#19
Hexachloroethane
Concen: 4.331 ng/ul
RT: 8.969 min Scan# 1000
Delta R.T. -0.000 min
Lab File: BP017695.D
Acq: 17 Oct 2023 12:58

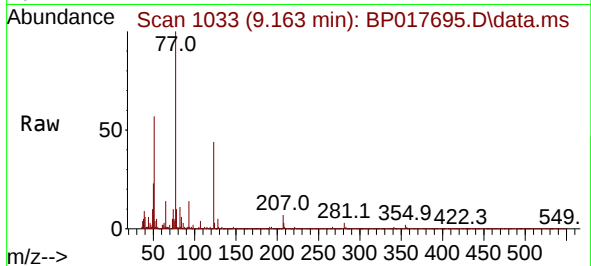
Tgt Ion:117 Resp: 11755
Ion Ratio Lower Upper
117 100
201 94.0 85.4 128.2
199 69.6 53.7 80.5





#22
Nitrobenzene
Concen: 4.662 ng/ul
RT: 9.163 min Scan# 1033
Delta R.T. 0.006 min
Lab File: BP017695.D
Acq: 17 Oct 2023 12:58

Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-QT3-2023-06

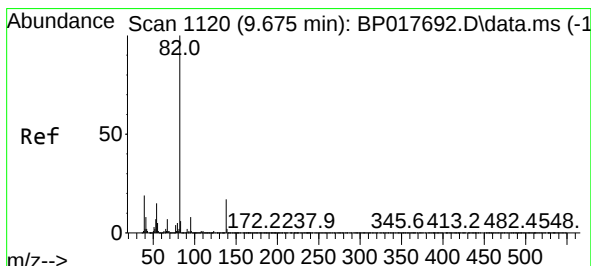
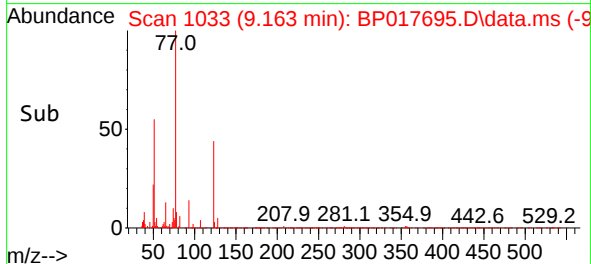
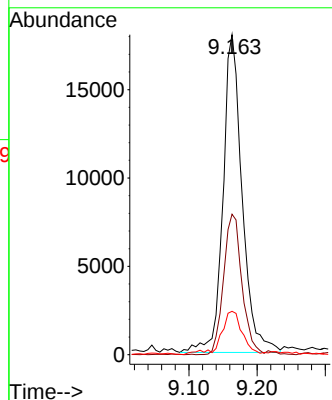


Tgt Ion: 77 Resp: 3523
Ion Ratio Lower Upper
77 100
123 43.9 33.8 50.6
65 13.6 10.6 16.0

Manual Integrations
APPROVED

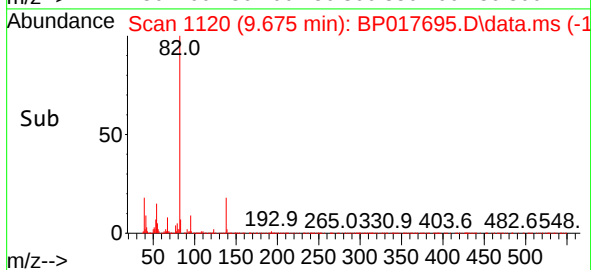
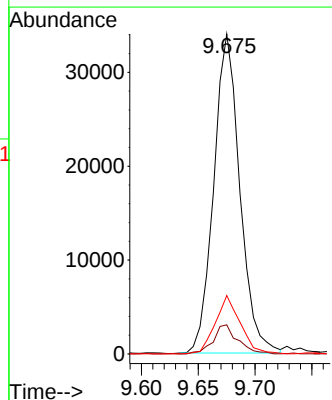
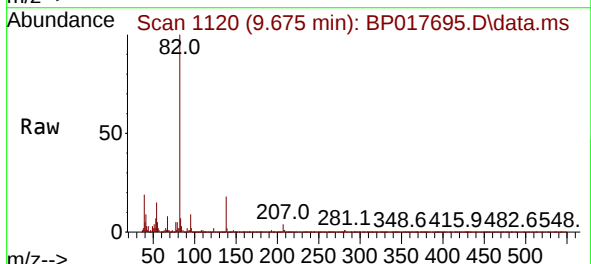
Reviewed By :Yogesh
Patel
10/18/2023

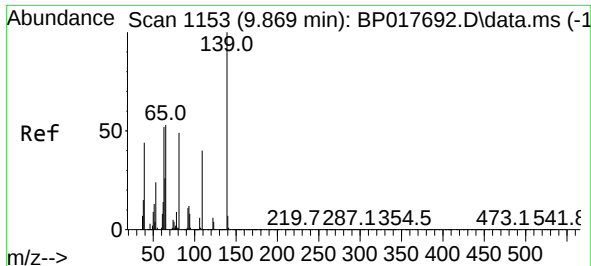
Supervised By :mohammad
ahmed
10/19/2023



#23
Isophorone
Concen: 3.983 ng/ul
RT: 9.675 min Scan# 1120
Delta R.T. 0.006 min
Lab File: BP017695.D
Acq: 17 Oct 2023 12:58

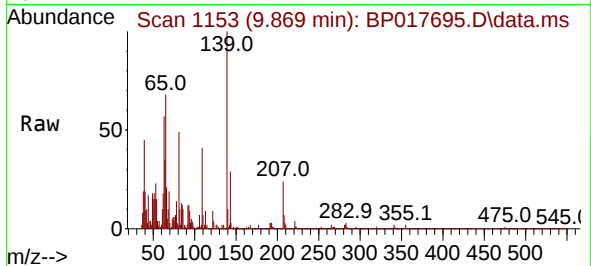
Tgt Ion: 82 Resp: 54274
Ion Ratio Lower Upper
82 100
95 9.1 6.0 9.0#
138 18.2 13.9 20.9





#25
2-Nitrophenol
Concen: 4.117 ng/ul
RT: 9.869 min Scan# 1153
Delta R.T. 0.006 min
Lab File: BP017695.D
Acq: 17 Oct 2023 12:58

Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-QT3-2023-06

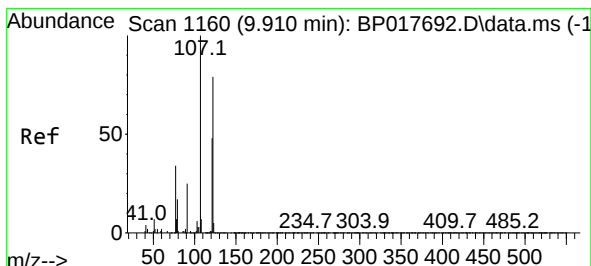
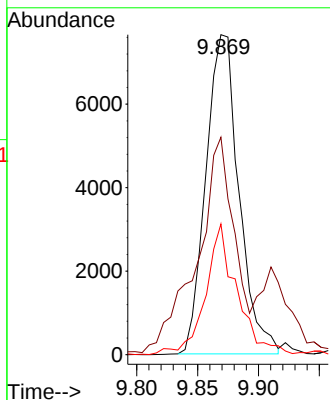
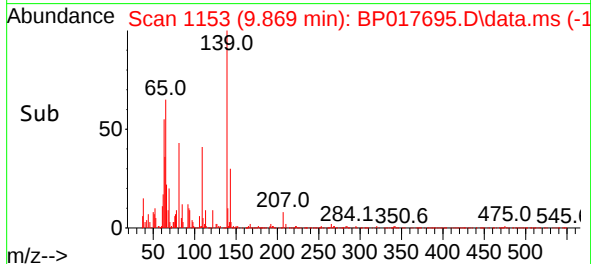


Tgt Ion:139 Resp: 1449
Ion Ratio Lower Upper
139 100
65 68.0 43.4 65.2
109 40.9 28.1 42.1

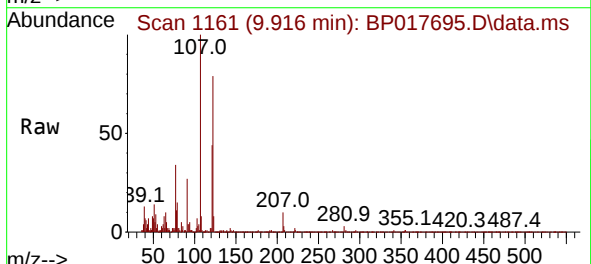
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel
10/18/2023

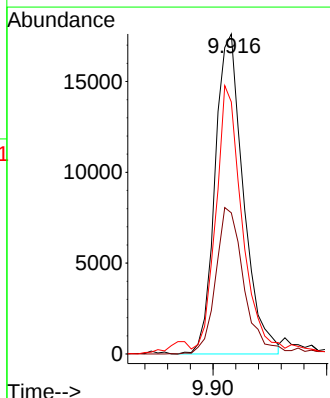
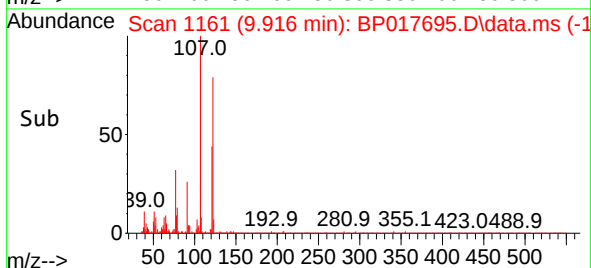
Supervised By :mohammad
ahmed
10/19/2023

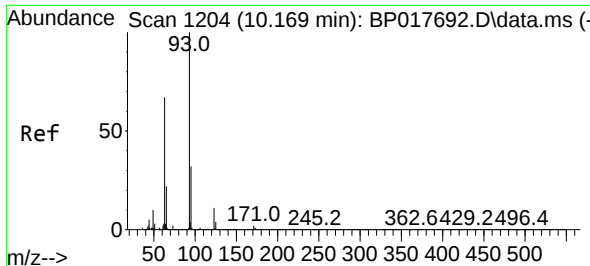


#26
2,4-Dimethylphenol
Concen: 4.357 ng/ul
RT: 9.916 min Scan# 1161
Delta R.T. 0.012 min
Lab File: BP017695.D
Acq: 17 Oct 2023 12:58



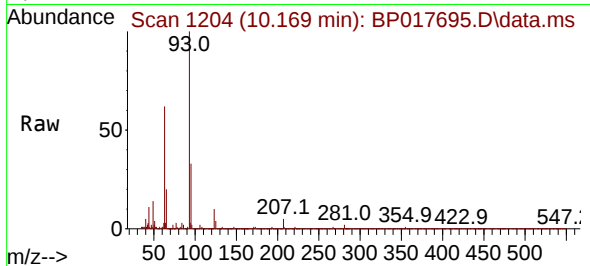
Tgt Ion:107 Resp: 30476
Ion Ratio Lower Upper
107 100
121 44.1 37.6 56.4
122 78.8 67.0 100.6





#27
 Bis(2-Chloroethoxy)methane
 Concen: 4.462 ng/ul
 RT: 10.169 min Scan# 1204
 Delta R.T. 0.006 min
 Lab File: BP017695.D
 Acq: 17 Oct 2023 12:58

Instrument :
 BNA_P
 ClientSampleId :
 MDL-SOIL-QT3-2023-06

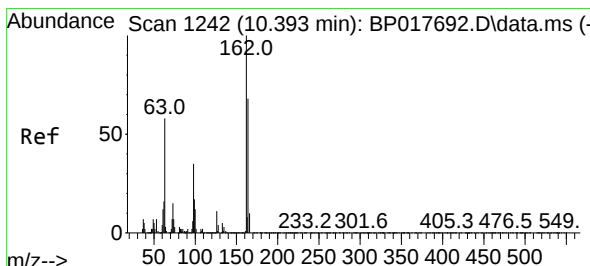
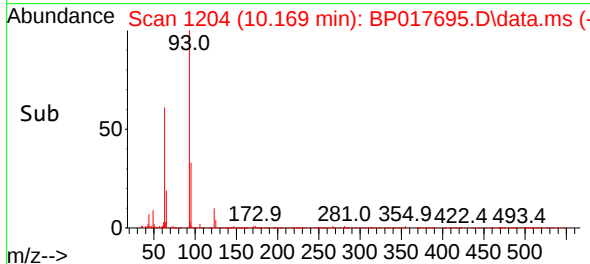
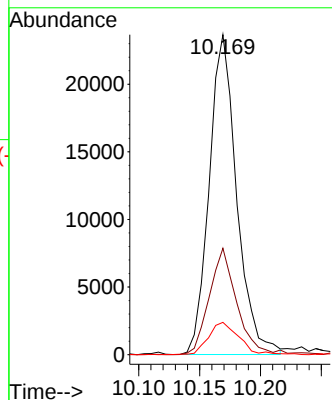


Tgt Ion:	93	Resp:	3715
Ion Ratio	100	Lower	Upper
93	100		
95	33.2	25.9	38.9
123	10.1	8.8	13.2

Manual Integrations
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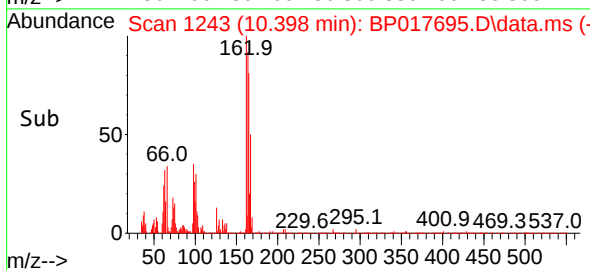
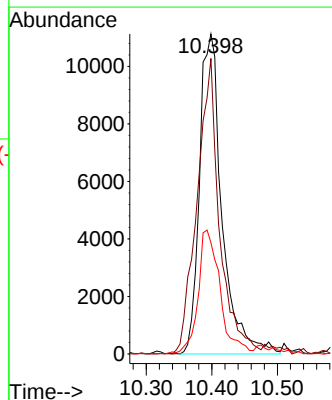
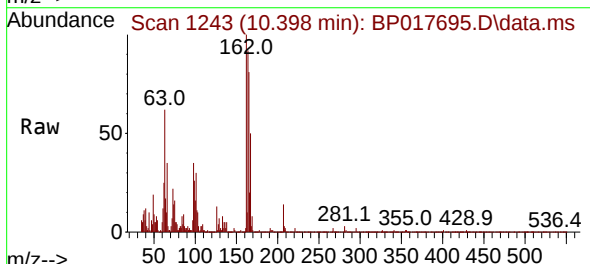
Reviewed By :Yogesh
 Patel
 10/18/2023

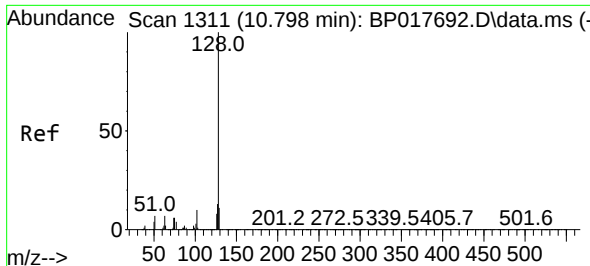
Supervised By :mohammad
 ahmed
 10/19/2023



#29
 2,4-Dichlorophenol
 Concen: 4.412 ng/ul m
 RT: 10.398 min Scan# 1243
 Delta R.T. 0.012 min
 Lab File: BP017695.D
 Acq: 17 Oct 2023 12:58

Tgt Ion:	162	Resp:	26475
Ion Ratio	100	Lower	Upper
162	100		
164	92.4	50.5	75.7#
98	34.8	27.8	41.8





#30
Naphthalene
Concen: 4.674 ng/ul
RT: 10.793 min Scan# 1310
Delta R.T. -0.000 min
Lab File: BP017695.D
Acq: 17 Oct 2023 12:58

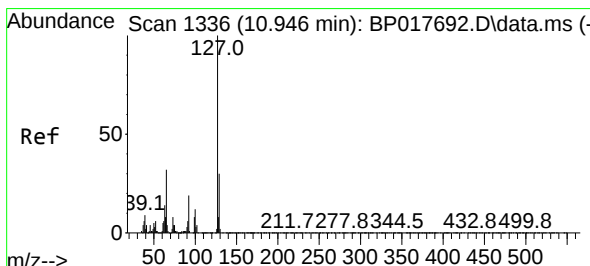
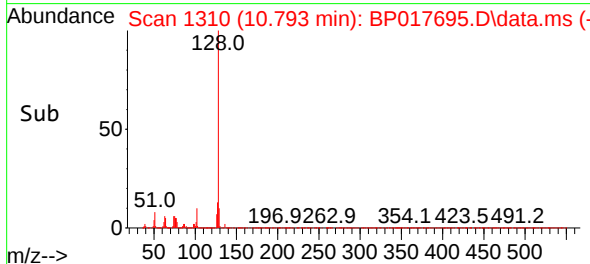
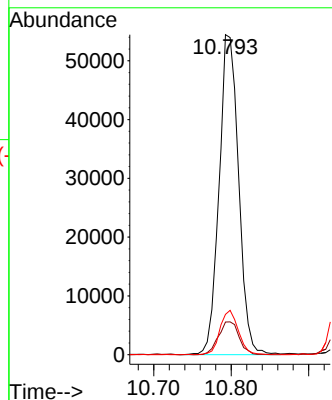
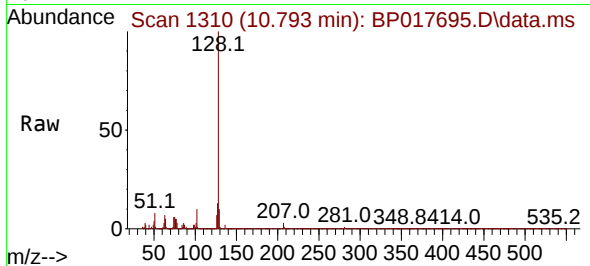
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-QT3-2023-06

Tgt Ion:128 Resp: 95172
Ion Ratio Lower Upper
128 100
129 10.2 8.9 13.3
127 12.6 10.5 15.7

Manual Integrations
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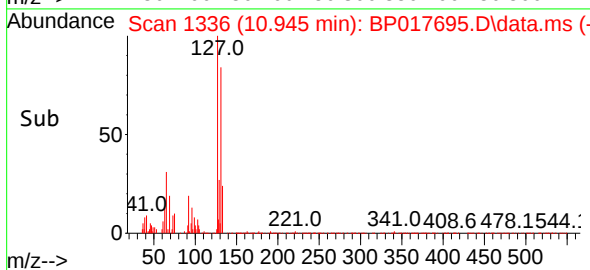
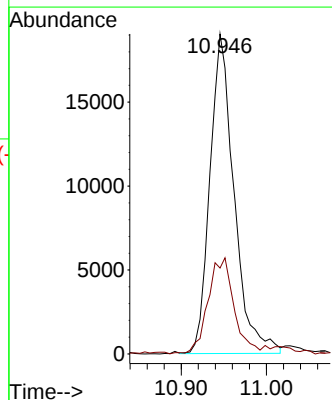
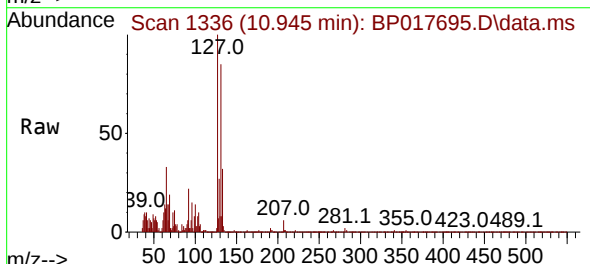
Reviewed By :Yogesh
Patel
10/18/2023

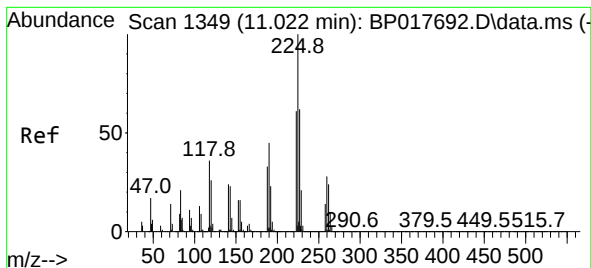
Supervised By :mohammad
ahmed
10/19/2023



#32
4-Chloroaniline
Concen: 4.397 ng/ul
RT: 10.945 min Scan# 1336
Delta R.T. 0.006 min
Lab File: BP017695.D
Acq: 17 Oct 2023 12:58

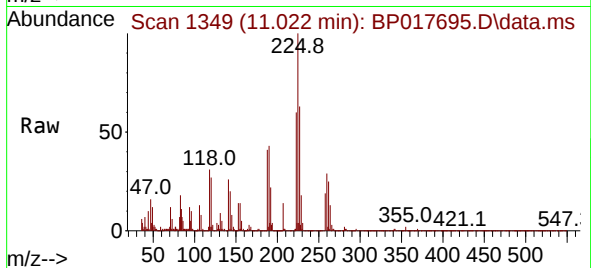
Tgt Ion:127 Resp: 37474
Ion Ratio Lower Upper
127 100
129 26.9 26.6 40.0





#33
Hexachlorobutadiene
Concen: 4.648 ng/ul
RT: 11.022 min Scan# 1349
Delta R.T. 0.006 min
Lab File: BP017695.D
Acq: 17 Oct 2023 12:58

Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-QT3-2023-06

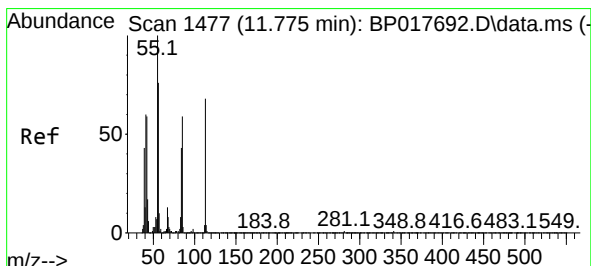
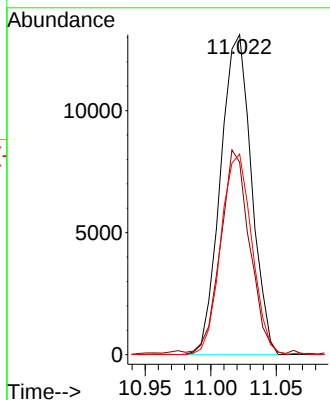
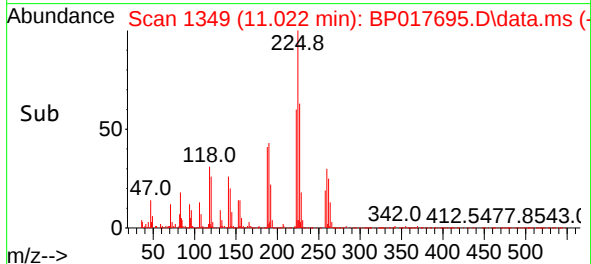


Tgt Ion:225 Resp: 21560
Ion Ratio Lower Upper
225 100
223 57.9 50.2 75.2
227 60.4 51.0 76.4

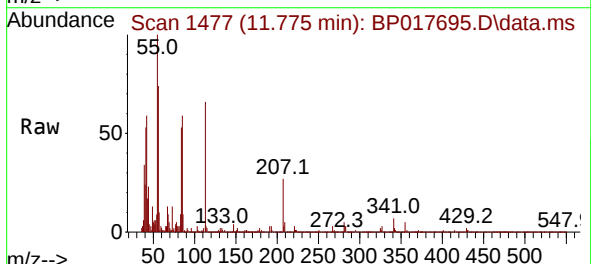
Manual Integrations
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Reviewed By :Yogesh
Patel
10/18/2023

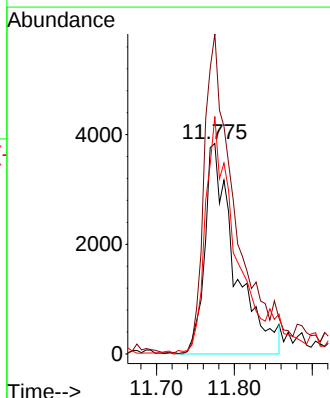
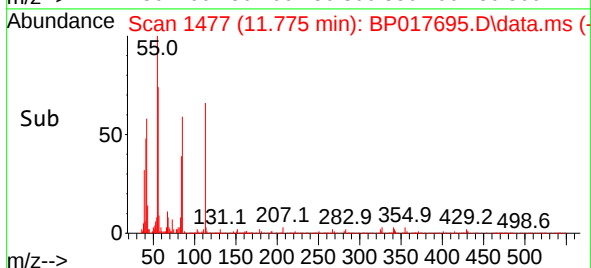
Supervised By :mohammad
ahmed
10/19/2023

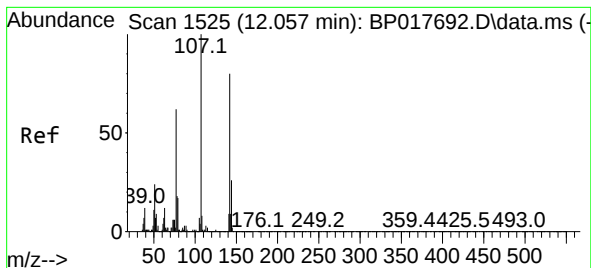


#34
Caprolactam
Concen: 5.608 ng/ul m
RT: 11.775 min Scan# 1477
Delta R.T. 0.006 min
Lab File: BP017695.D
Acq: 17 Oct 2023 12:58



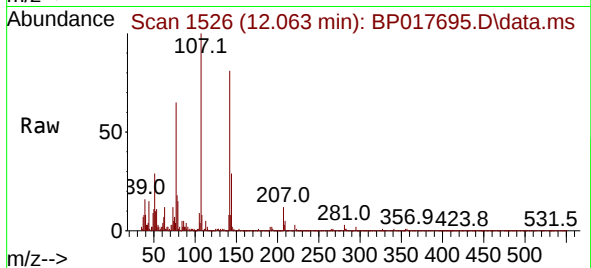
Tgt Ion:113 Resp: 10293
Ion Ratio Lower Upper
113 100
55 152.1 126.9 190.3
56 112.9 97.9 146.9





#35
4-Chloro-3-methylphenol
Concen: 3.451 ng/ul
RT: 12.063 min Scan# 1525
Delta R.T. 0.012 min
Lab File: BP017695.D
Acq: 17 Oct 2023 12:58

Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-QT3-2023-06

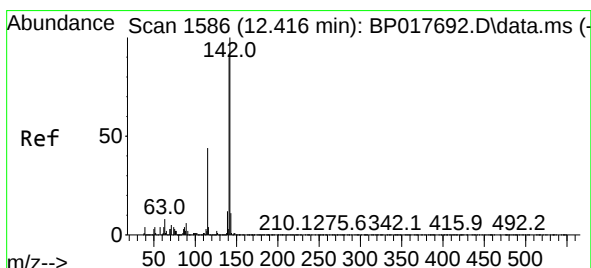
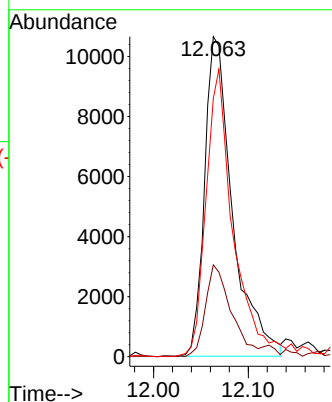
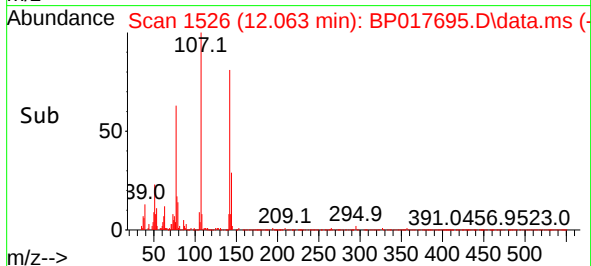


Tgt Ion:107 Resp: 21840
Ion Ratio Lower Upper
107 100
144 28.7 20.1 30.1
142 80.7 63.3 94.9

Manual Integrations
APPROVED

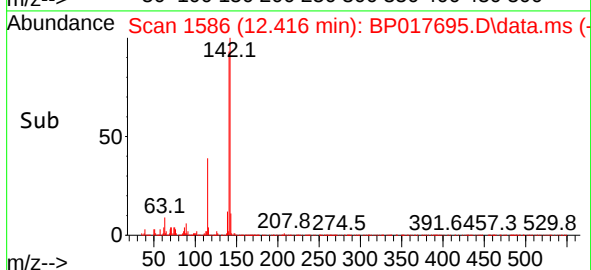
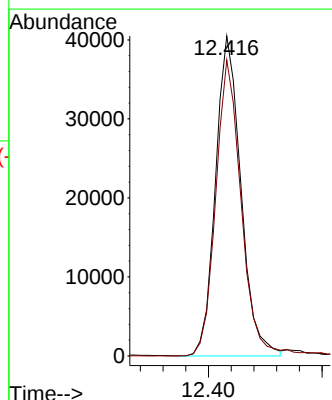
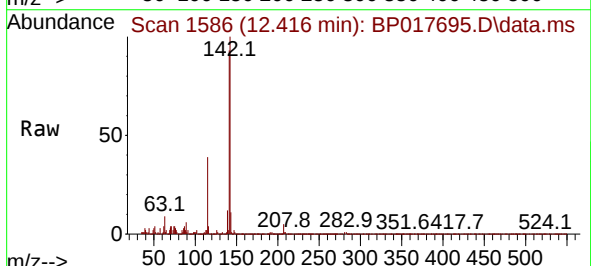
Reviewed By :Yogesh
Patel
10/18/2023

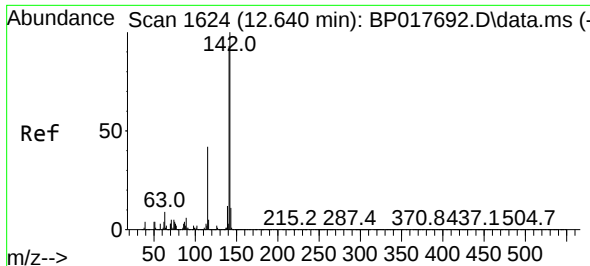
Supervised By :mohammad
ahmed
10/19/2023



#36
2-Methylnaphthalene
Concen: 4.507 ng/ul
RT: 12.416 min Scan# 1586
Delta R.T. 0.006 min
Lab File: BP017695.D
Acq: 17 Oct 2023 12:58

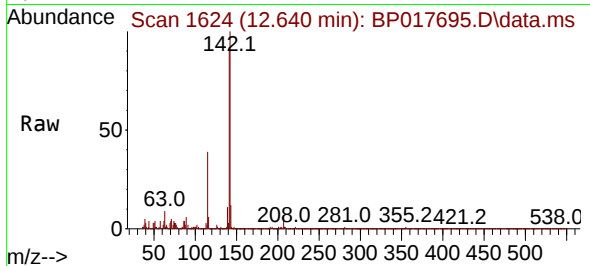
Tgt Ion:142 Resp: 62853
Ion Ratio Lower Upper
142 100
141 92.5 72.8 109.2





#37
1-Methylnaphthalene
Concen: 3.517 ng/ul
RT: 12.640 min Scan# 1624
Delta R.T. 0.006 min
Lab File: BP017695.D
Acq: 17 Oct 2023 12:58

Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-QT3-2023-06

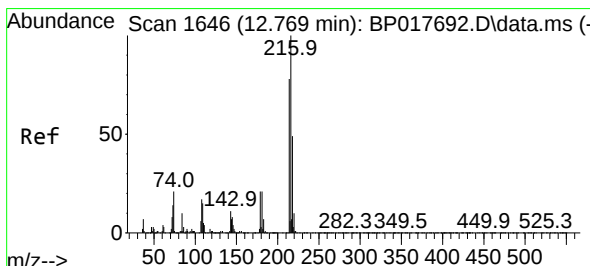
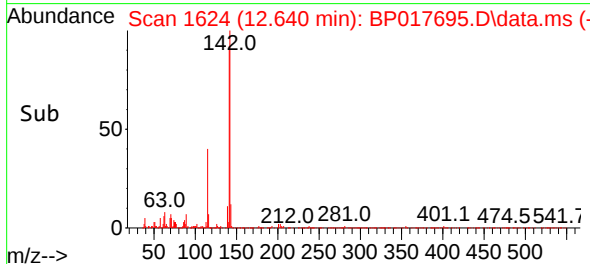
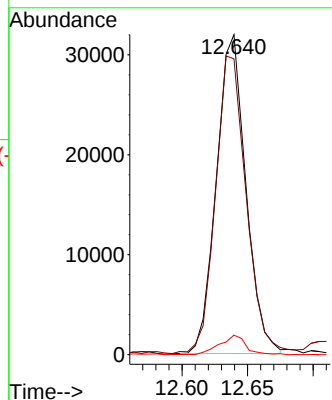


Tgt Ion:142 Resp: 49780
Ion Ratio Lower Upper
142 100
141 92.4 74.3 111.5
116 6.1 3.3 4.9

Manual Integrations
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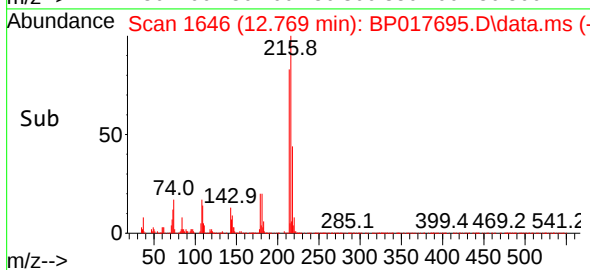
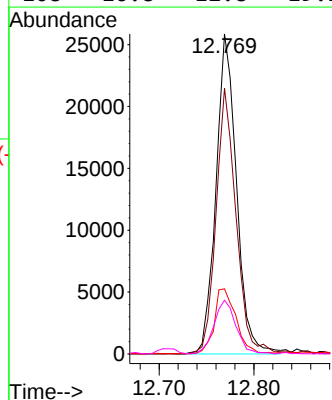
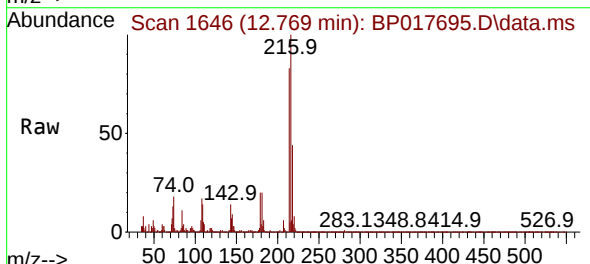
Reviewed By :Yogesh
Patel
10/18/2023

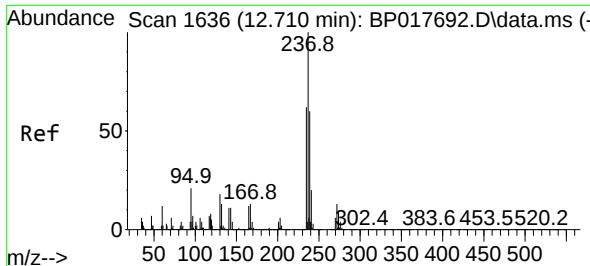
Supervised By :mohammad
ahmed
10/19/2023



#39
1,2,4,5-Tetrachlorobenzene
Concen: 4.694 ng/ul
RT: 12.769 min Scan# 1646
Delta R.T. 0.006 min
Lab File: BP017695.D
Acq: 17 Oct 2023 12:58

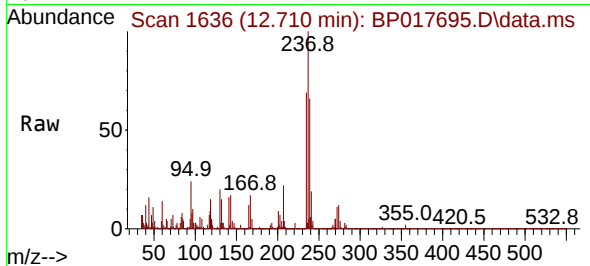
Tgt Ion:216 Resp: 38962
Ion Ratio Lower Upper
216 100
214 83.0 59.8 89.8
179 20.4 16.6 25.0
108 16.8 12.8 19.2





#40
Hexachlorocyclopentadiene
Concen: 3.627 ng/ul
RT: 12.710 min Scan# 1636
Delta R.T. 0.006 min
Lab File: BP017695.D
Acq: 17 Oct 2023 12:58

Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-QT3-2023-06

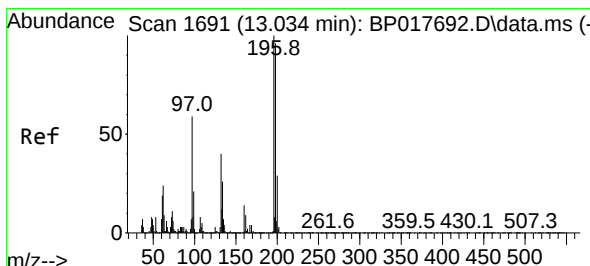
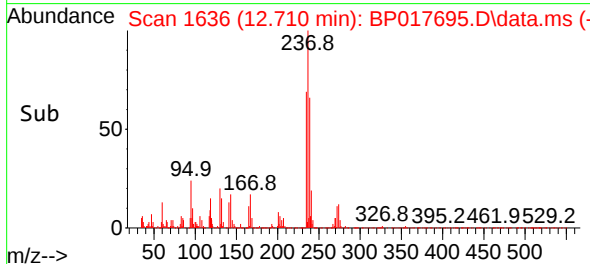
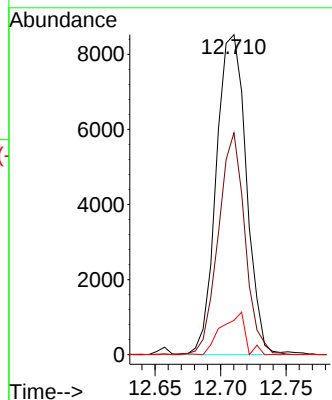


Tgt Ion:237 Resp: 13520
Ion Ratio Lower Upper
237 100
235 69.2 50.4 75.6
272 10.2 11.3 16.9

Manual Integrations
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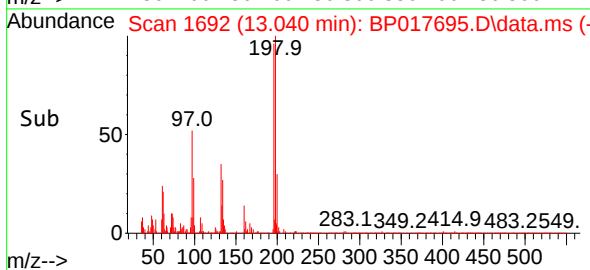
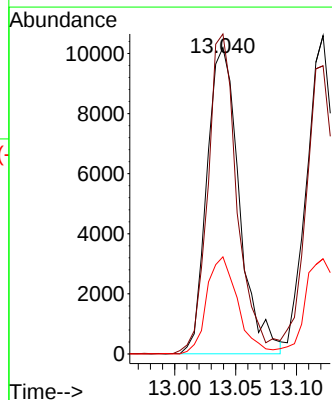
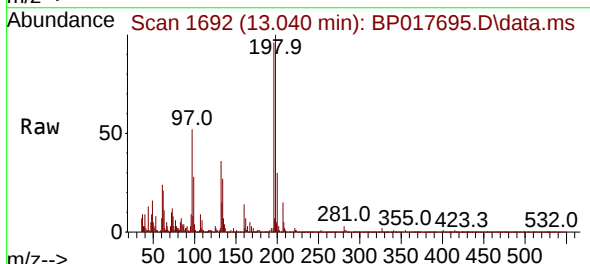
Reviewed By :Yogesh
Patel
10/18/2023

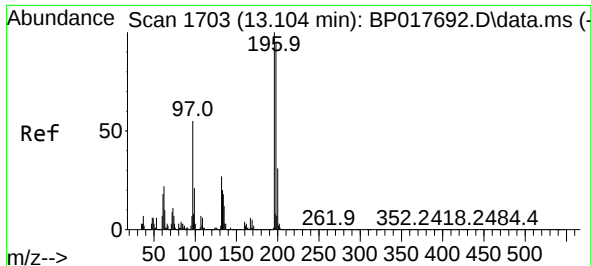
Supervised By :mohammad
ahmed
10/19/2023



#41
2,4,6-Trichlorophenol
Concen: 3.701 ng/ul
RT: 13.040 min Scan# 1692
Delta R.T. 0.012 min
Lab File: BP017695.D
Acq: 17 Oct 2023 12:58

Tgt Ion:196 Resp: 18917
Ion Ratio Lower Upper
196 100
198 104.5 77.3 115.9
200 31.7 25.4 38.2





#42
2,4,5-Trichlorophenol
Concen: 3.888 ng/ul m
RT: 13.122 min Scan# 1706
Delta R.T. 0.023 min
Lab File: BP017695.D
Acq: 17 Oct 2023 12:58

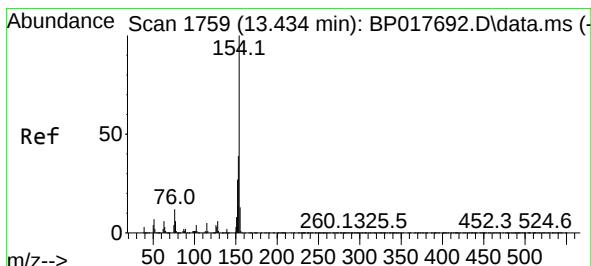
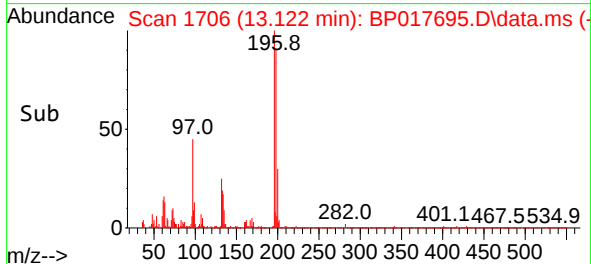
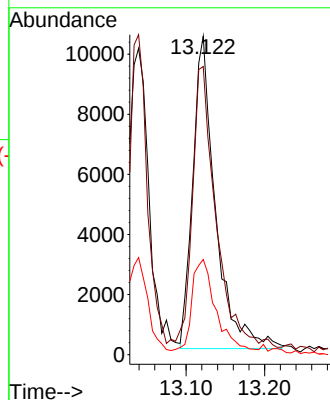
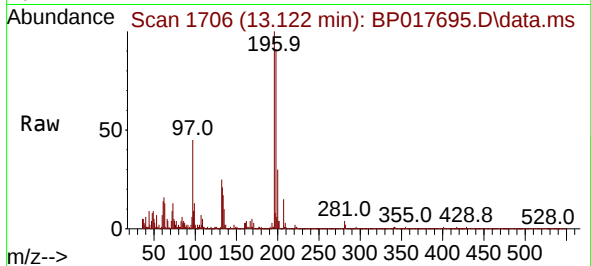
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-QT3-2023-06

Tgt Ion:196 Resp: 20979
Ion Ratio Lower Upper
196 100
198 90.5 73.0 109.4
200 29.9 23.9 35.9

Manual Integrations
APPROVED

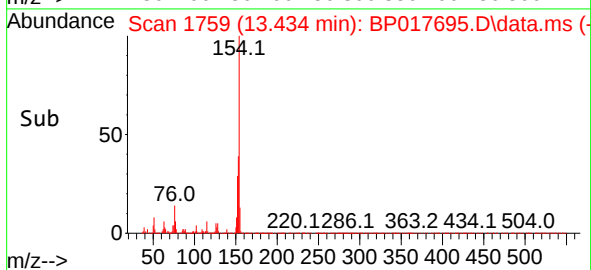
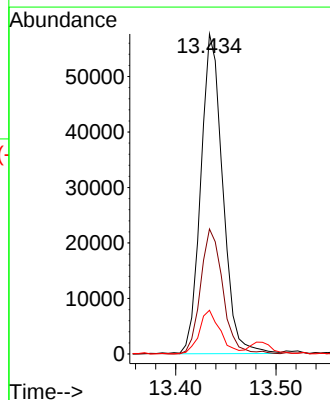
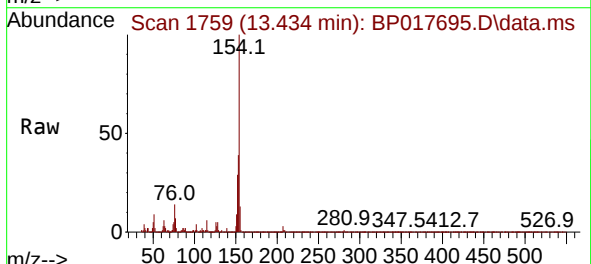
Reviewed By :Yogesh
Patel
10/18/2023

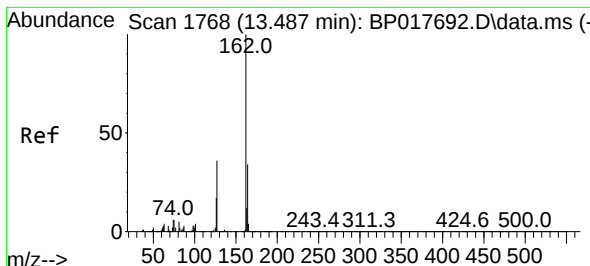
Supervised By :mohammad
ahmed
10/19/2023



#43
1,1'-Biphenyl
Concen: 4.707 ng/ul
RT: 13.434 min Scan# 1759
Delta R.T. 0.006 min
Lab File: BP017695.D
Acq: 17 Oct 2023 12:58

Tgt Ion:154 Resp: 87766
Ion Ratio Lower Upper
154 100
153 39.1 32.5 48.7
76 13.6 10.4 15.6





#44

2-Chloronaphthalene

Concen: 4.732 ng/ul

RT: 13.487 min Scan# 1768

Delta R.T. 0.006 min

Lab File: BP017695.D

Acq: 17 Oct 2023 12:58

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-QT3-2023-06

Tgt Ion:	162	Resp:	70584
Ion Ratio	Lower	Upper	
162	100		
164	32.8	26.5	39.7
127	40.1	31.4	47.0

Manual Integrations
APPROVED

Reviewed By :Yogesh

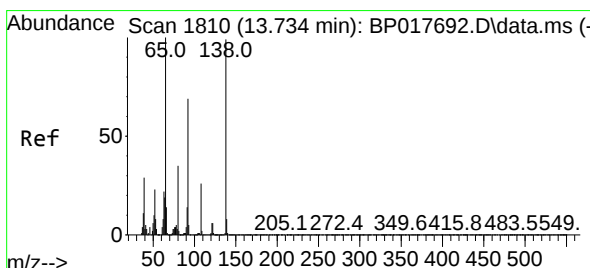
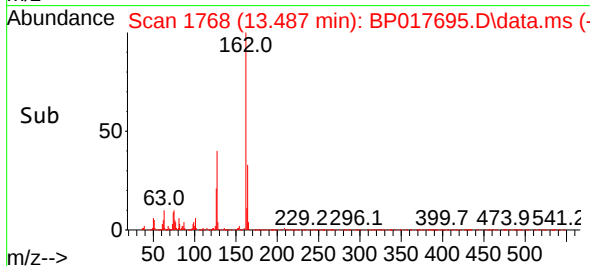
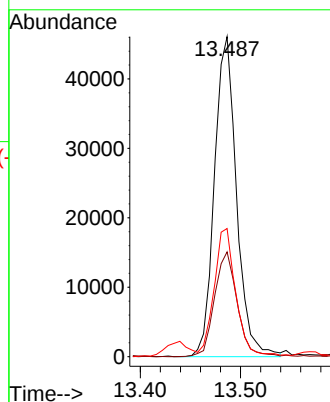
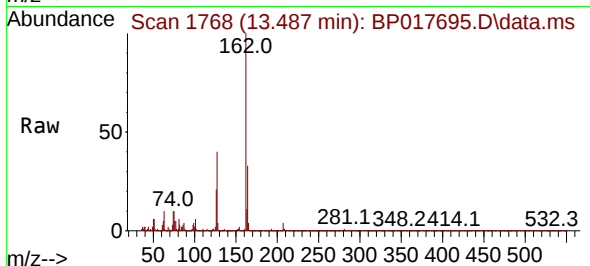
Patel

10/18/2023

Supervised By :mohammad

ahmed

10/19/2023



#45

2-Nitroaniline

Concen: 3.643 ng/ul

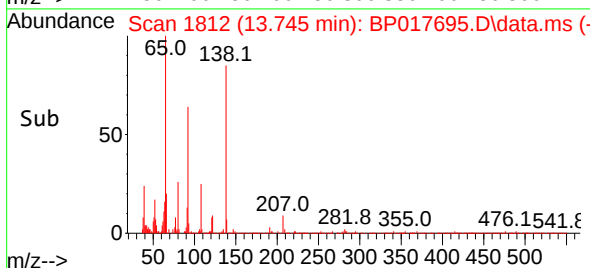
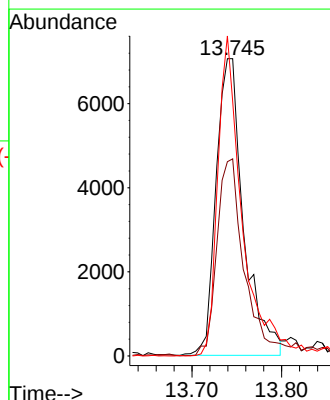
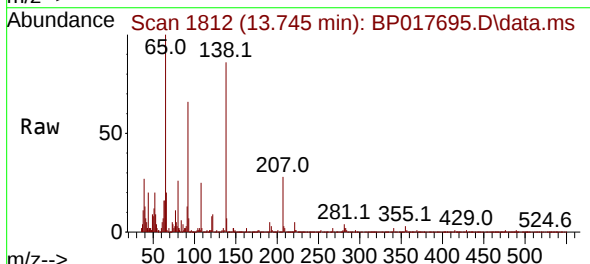
RT: 13.745 min Scan# 1812

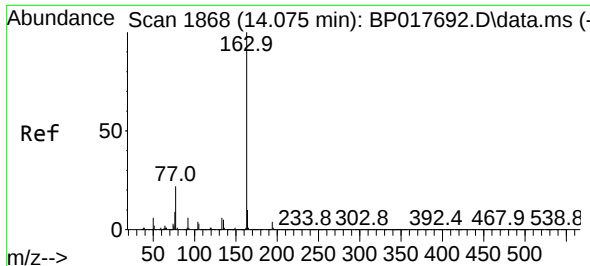
Delta R.T. 0.018 min

Lab File: BP017695.D

Acq: 17 Oct 2023 12:58

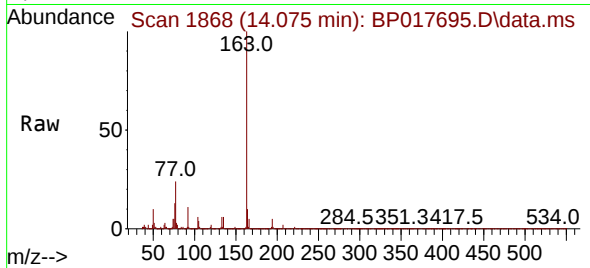
Tgt Ion:	65	Resp:	15024
Ion Ratio	Lower	Upper	
65	100		
92	66.3	55.3	82.9
138	85.7	82.8	124.2





#47
Dimethylphthalate
Concen: 4.662 ng/ul
RT: 14.075 min Scan# 1868
Delta R.T. 0.006 min
Lab File: BP017695.D
Acq: 17 Oct 2023 12:58

Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-QT3-2023-06

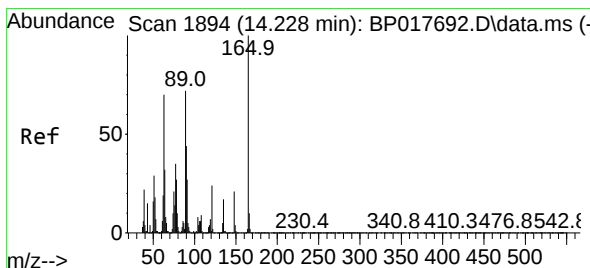
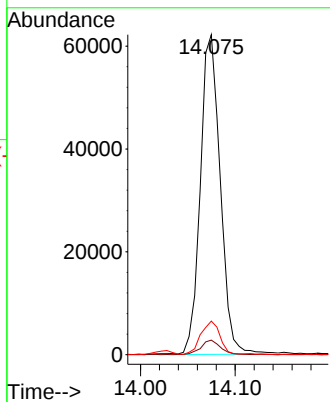
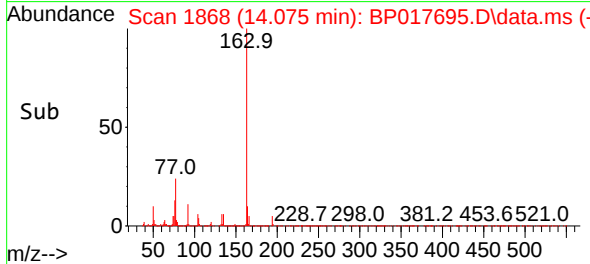


Tgt Ion:163 Resp: 90710
Ion Ratio Lower Upper
163 100
194 4.6 3.4 5.2
164 10.5 8.0 12.0

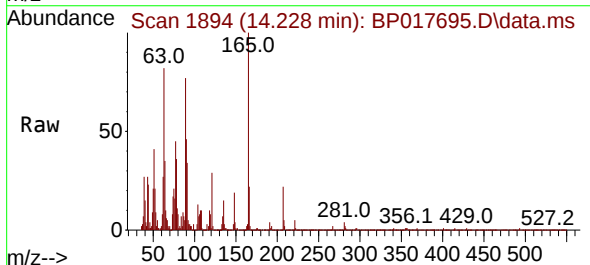
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel
10/18/2023

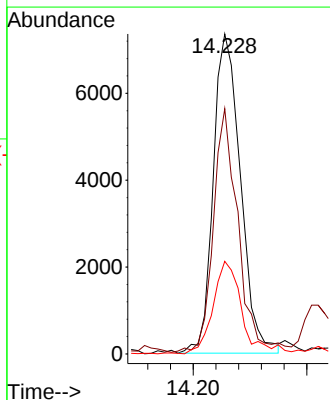
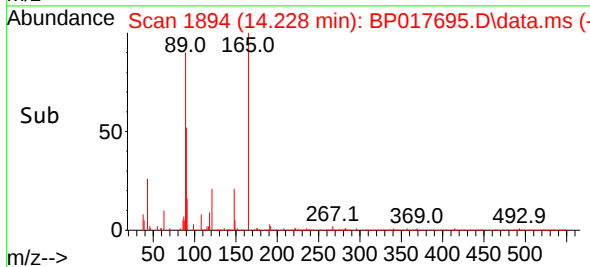
Supervised By :mohammad
ahmed
10/19/2023

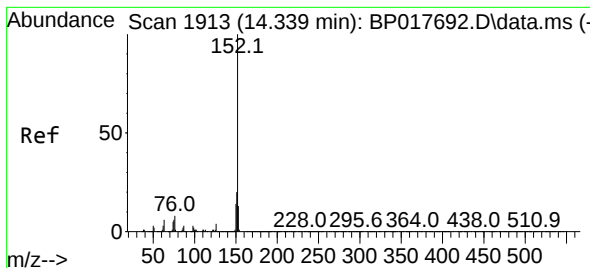


#48
2,6-Dinitrotoluene
Concen: 3.398 ng/ul
RT: 14.228 min Scan# 1894
Delta R.T. 0.006 min
Lab File: BP017695.D
Acq: 17 Oct 2023 12:58



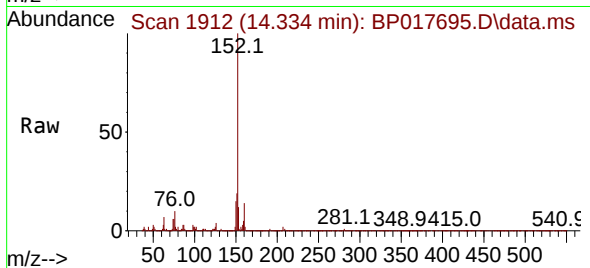
Tgt Ion:165 Resp: 12236
Ion Ratio Lower Upper
165 100
89 76.6 49.0 73.4#
121 29.0 16.5 24.7#





#50
Acenaphthylene
Concen: 4.692 ng/ul
RT: 14.334 min Scan# 1913
Delta R.T. -0.000 min
Lab File: BP017695.D
Acq: 17 Oct 2023 12:58

Instrument : BNA_P
ClientSampleId : MDL-SOIL-QT3-2023-06

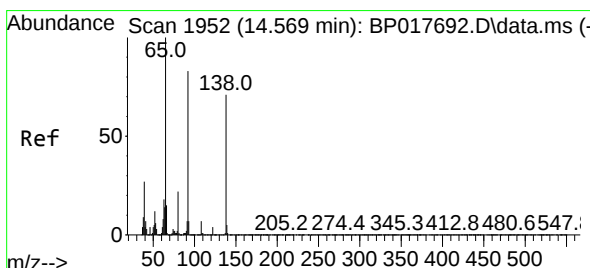
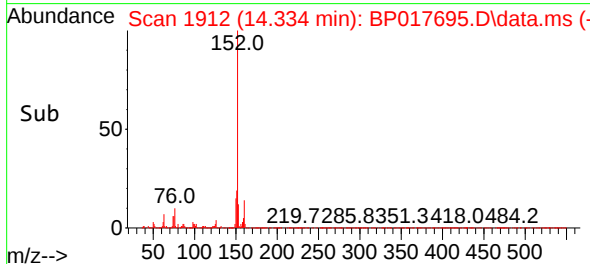
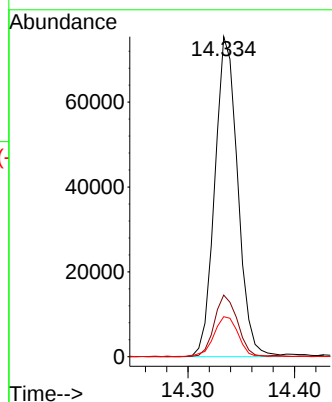


Tgt Ion:152 Resp: 112624
Ion Ratio Lower Upper
152 100
151 19.3 15.8 23.8
153 12.5 10.5 15.7

Manual Integrations
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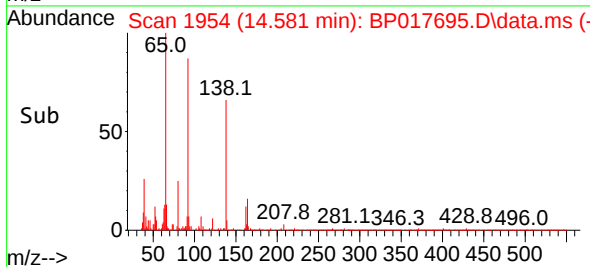
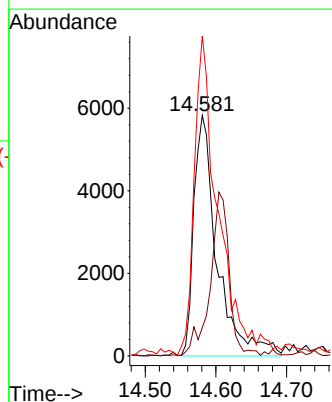
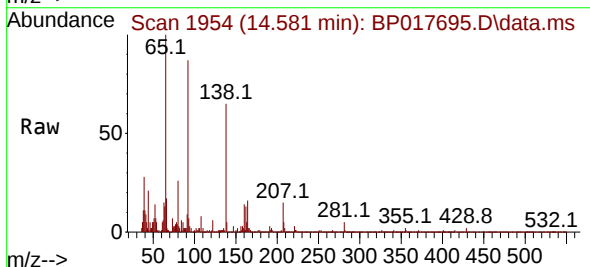
Reviewed By :Yogesh
Patel
10/18/2023

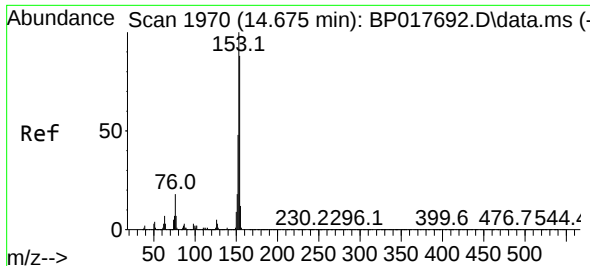
Supervised By :mohammad
ahmed
10/19/2023



#51
3-Nitroaniline
Concen: 3.656 ng/ul m
RT: 14.581 min Scan# 1954
Delta R.T. 0.018 min
Lab File: BP017695.D
Acq: 17 Oct 2023 12:58

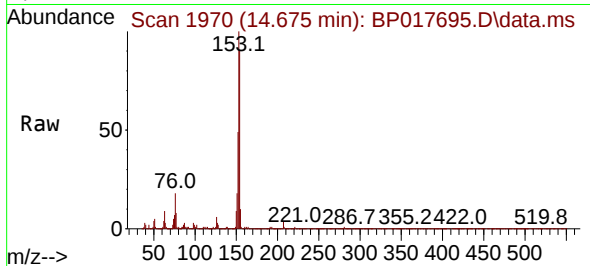
Tgt Ion:138 Resp: 13279
Ion Ratio Lower Upper
138 100
108 11.7 8.2 12.2
92 133.1 99.0 148.6





#52
Acenaphthene
Concen: 4.751 ng/ul
RT: 14.675 min Scan# 1970
Delta R.T. 0.006 min
Lab File: BP017695.D
Acq: 17 Oct 2023 12:58

Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-QT3-2023-06

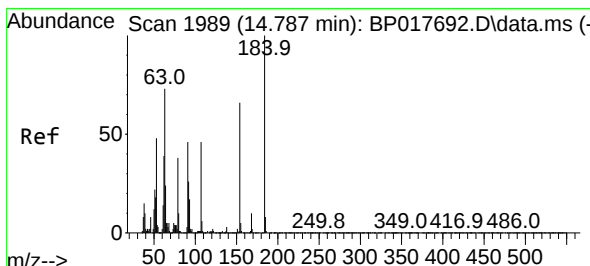
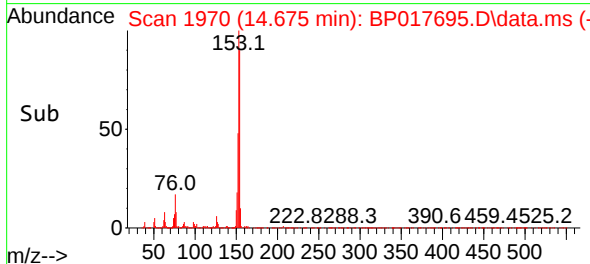
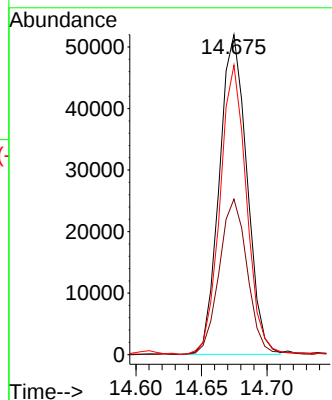


Tgt Ion:153 Resp: 75850
Ion Ratio Lower Upper
153 100
152 48.6 38.9 58.3
154 90.5 71.6 107.4

Manual Integrations
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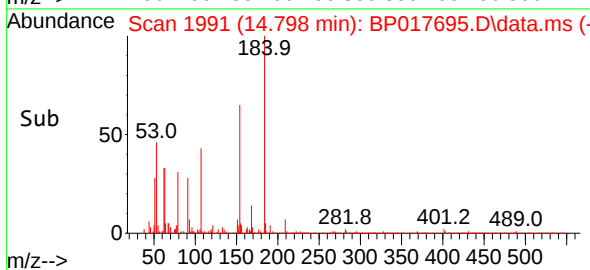
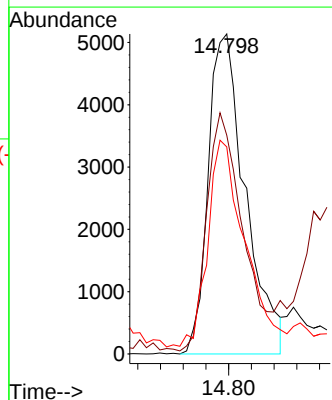
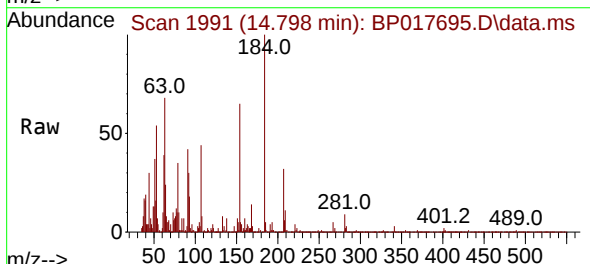
Reviewed By :Yogesh
Patel
10/18/2023

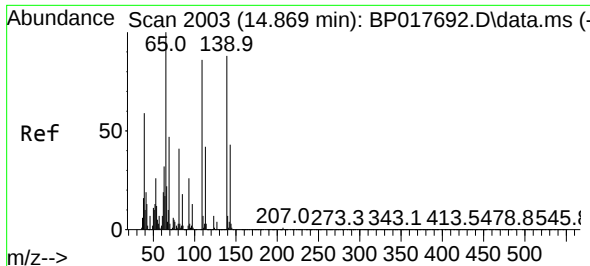
Supervised By :mohammad
ahmed
10/19/2023



#53
2,4-Dinitrophenol
Concen: 5.246 ng/ul
RT: 14.798 min Scan# 1991
Delta R.T. 0.023 min
Lab File: BP017695.D
Acq: 17 Oct 2023 12:58

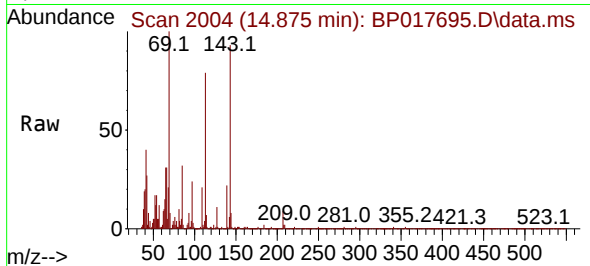
Tgt Ion:184 Resp: 11665
Ion Ratio Lower Upper
184 100
63 68.3 61.4 92.0
154 64.7 54.8 82.2





#55
4-Nitrophenol
Concen: 4.536 ng/ul
RT: 14.875 min Scan# 2003
Delta R.T. 0.012 min
Lab File: BP017695.D
Acq: 17 Oct 2023 12:58

Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-QT3-2023-06

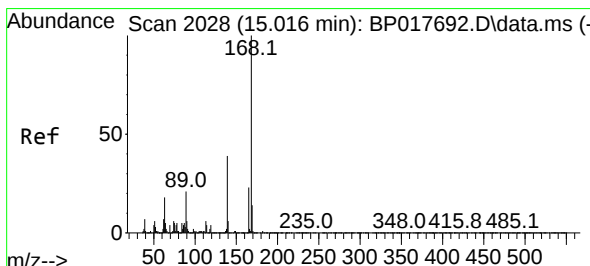
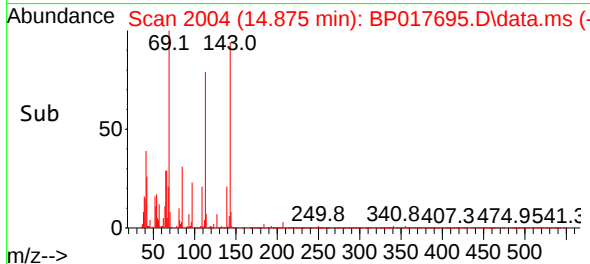
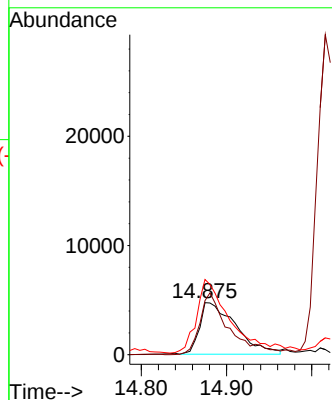


Tgt Ion:109 Resp: 1400
Ion Ratio Lower Upper
109 100
139 104.1 90.5 135.7
65 144.8 95.7 143.5

Manual Integrations
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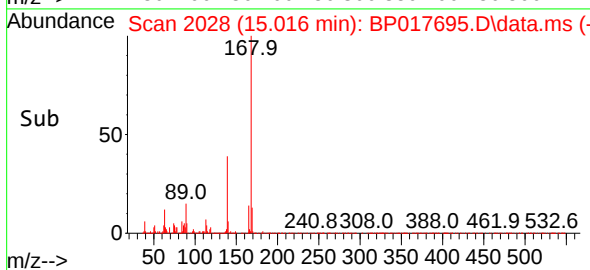
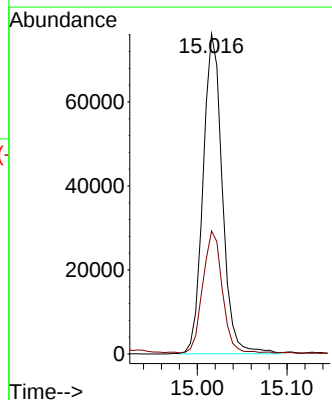
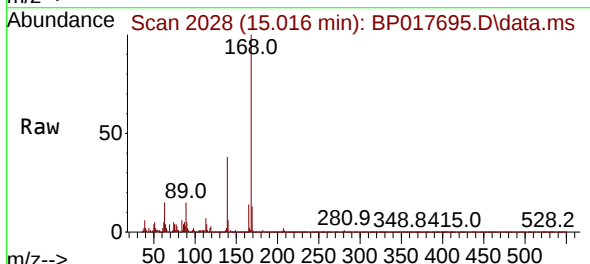
Reviewed By :Yogesh
Patel
10/18/2023

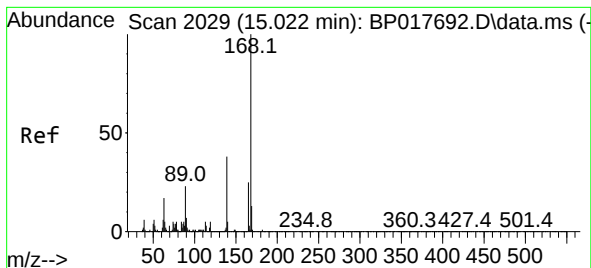
Supervised By :mohammad
ahmed
10/19/2023



#56
Dibenzofuran
Concen: 4.955 ng/ul
RT: 15.016 min Scan# 2028
Delta R.T. 0.006 min
Lab File: BP017695.D
Acq: 17 Oct 2023 12:58

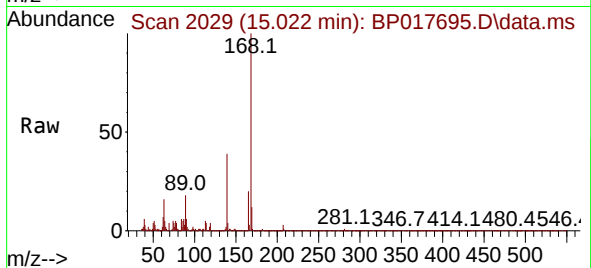
Tgt Ion:168 Resp: 113477
Ion Ratio Lower Upper
168 100
139 38.5 30.5 45.7





#57
2,4-Dinitrotoluene
Concen: 3.849 ng/ul
RT: 15.022 min Scan# 2029
Delta R.T. 0.012 min
Lab File: BP017695.D
Acq: 17 Oct 2023 12:58

Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-QT3-2023-06

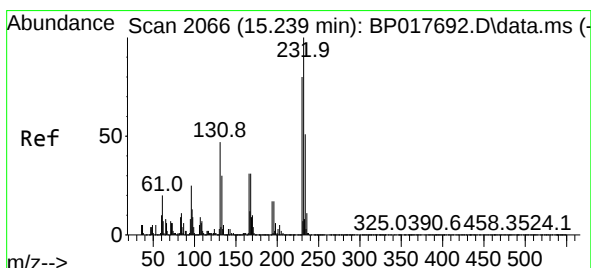
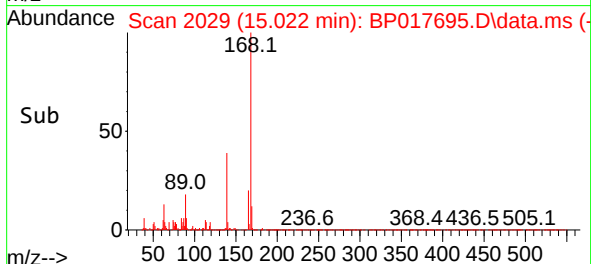
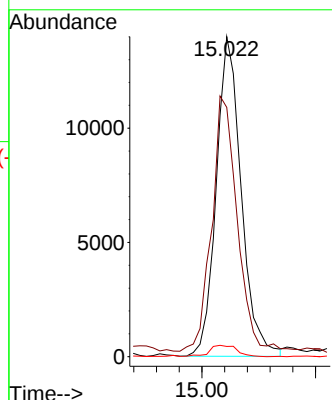


Tgt Ion:165 Resp: 2139
Ion Ratio Lower Upper
165 100
63 77.9 52.7 79.1
182 3.2 2.2 3.4

Manual Integrations
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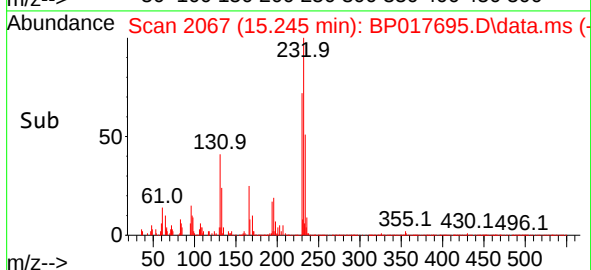
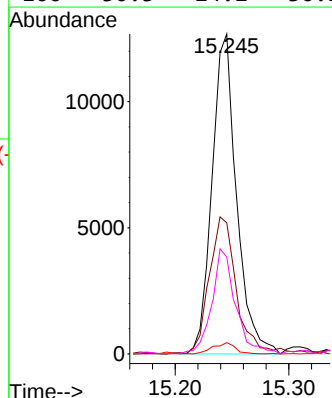
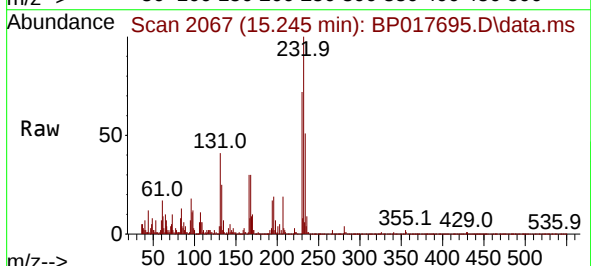
Reviewed By :Yogesh
Patel
10/18/2023

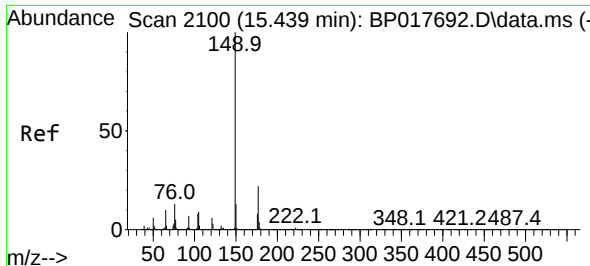
Supervised By :mohammad
ahmed
10/19/2023



#58
2,3,4,6-Tetrachlorophenol
Concen: 3.808 ng/ul
RT: 15.245 min Scan# 2067
Delta R.T. 0.012 min
Lab File: BP017695.D
Acq: 17 Oct 2023 12:58

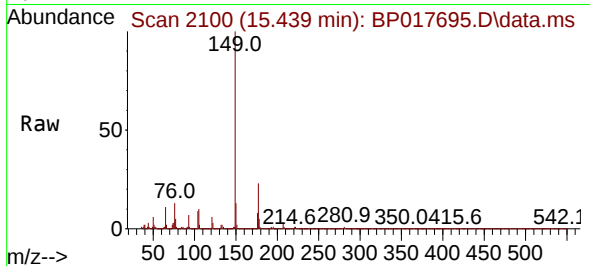
Tgt Ion:232 Resp: 19010
Ion Ratio Lower Upper
232 100
131 41.0 33.6 50.4
130 3.5 2.0 3.0#
166 30.3 24.2 36.2





#59
Diethylphthalate
Concen: 4.400 ng/ul
RT: 15.439 min Scan# 2100
Delta R.T. 0.006 min
Lab File: BP017695.D
Acq: 17 Oct 2023 12:58

Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-QT3-2023-06

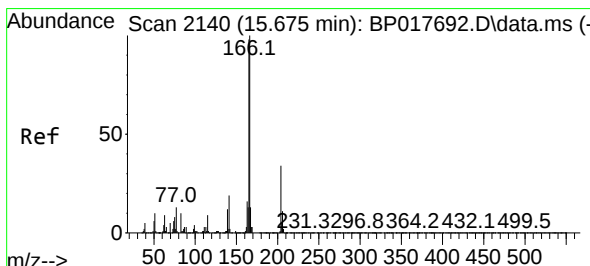
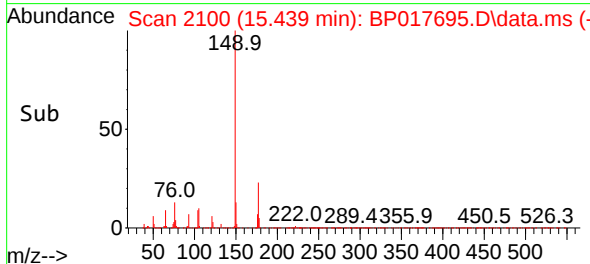
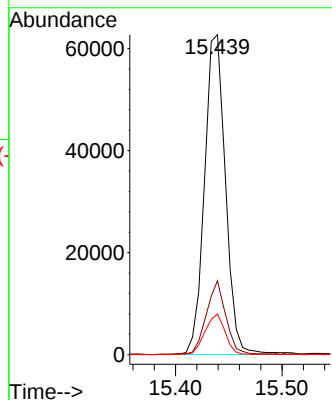


Tgt Ion:149 Resp: 85880
Ion Ratio Lower Upper
149 100
177 23.1 17.9 26.9
150 12.7 10.1 15.1

Manual Integrations
APPROVED

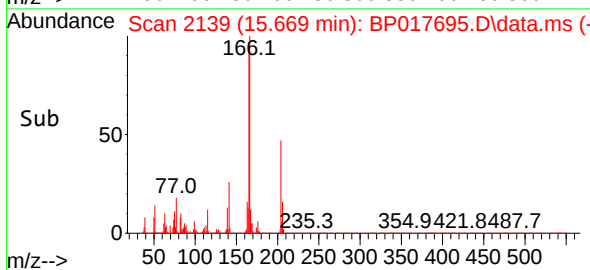
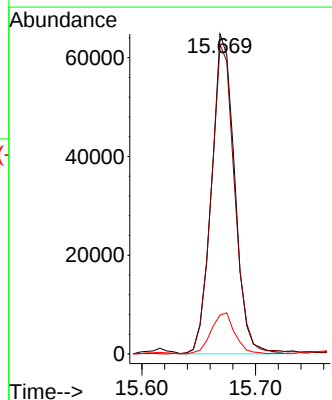
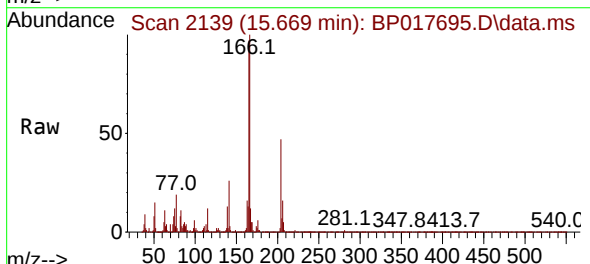
Reviewed By :Yogesh
Patel
10/18/2023

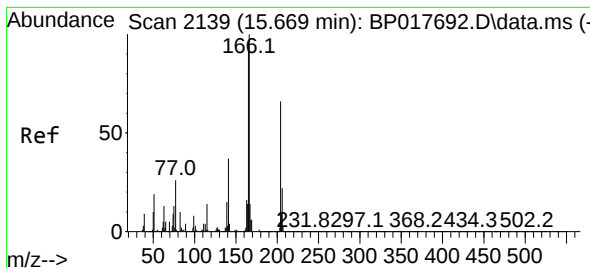
Supervised By :mohammad
ahmed
10/19/2023



#61
Fluorene
Concen: 4.835 ng/ul
RT: 15.669 min Scan# 2139
Delta R.T. -0.000 min
Lab File: BP017695.D
Acq: 17 Oct 2023 12:58

Tgt Ion:166 Resp: 91296
Ion Ratio Lower Upper
166 100
165 96.8 79.6 119.4
167 12.2 11.1 16.7





#62
4-Chlorophenyl-phenylether
Concen: 4.788 ng/ul
RT: 15.663 min Scan# 2139
Delta R.T. -0.000 min
Lab File: BP017695.D
Acq: 17 Oct 2023 12:58

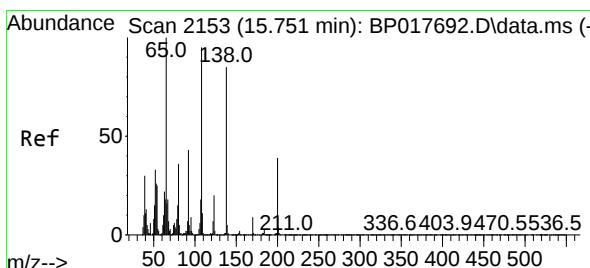
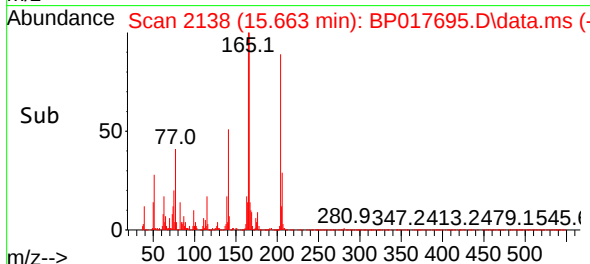
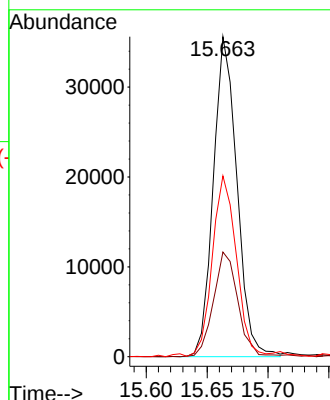
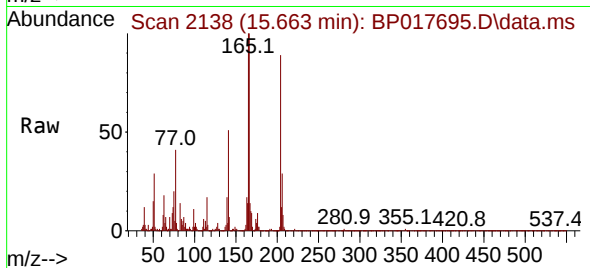
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-QT3-2023-06

Tgt Ion:204 Resp: 4807
Ion Ratio Lower Upper
204 100
206 32.7 26.6 40.0
141 56.5 43.9 65.9

Manual Integrations
APPROVED

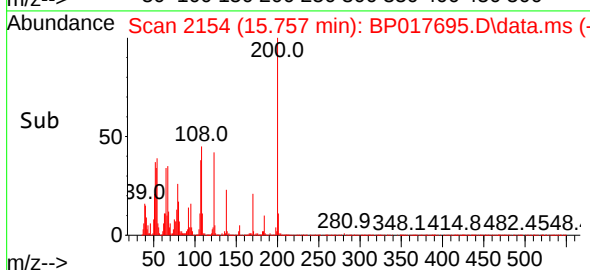
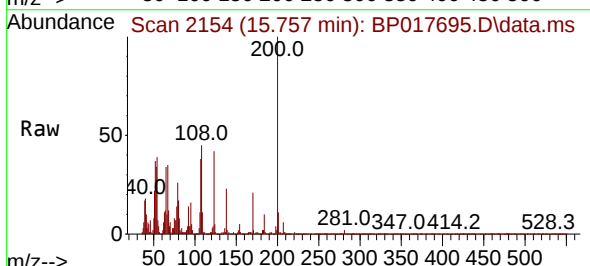
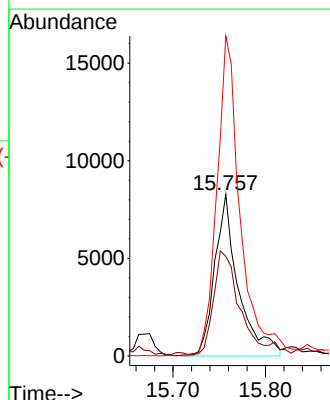
Reviewed By :Yogesh
Patel
10/18/2023

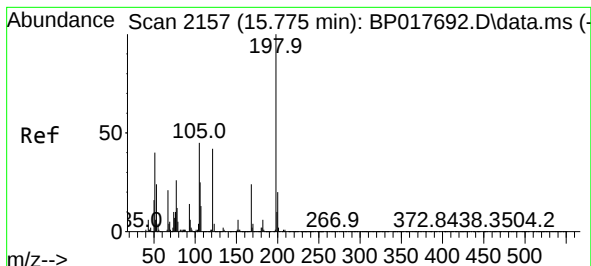
Supervised By :mohammad
ahmed
10/19/2023



#63
4-Nitroaniline
Concen: 4.088 ng/ul m
RT: 15.757 min Scan# 2154
Delta R.T. 0.018 min
Lab File: BP017695.D
Acq: 17 Oct 2023 12:58

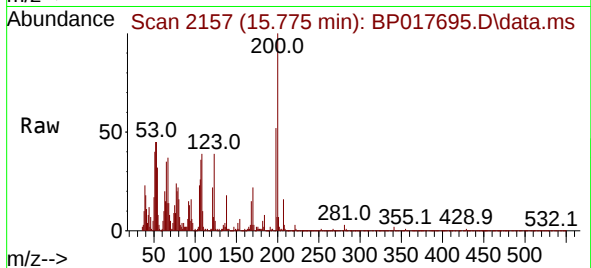
Tgt Ion:138 Resp: 14757
Ion Ratio Lower Upper
138 100
92 61.6 43.0 64.6
108 198.1 82.2 123.4#





#66
4,6-Dinitro-2-methylphenol
Concen: 3.451 ng/ul
RT: 15.775 min Scan# 2157
Delta R.T. 0.006 min
Lab File: BP017695.D
Acq: 17 Oct 2023 12:58

Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-QT3-2023-06

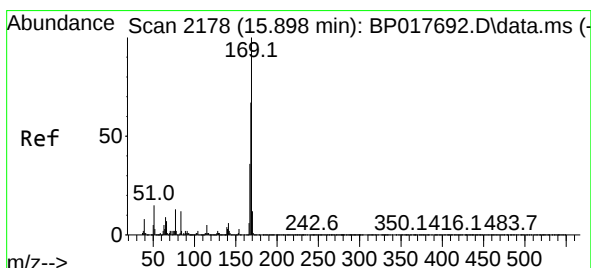
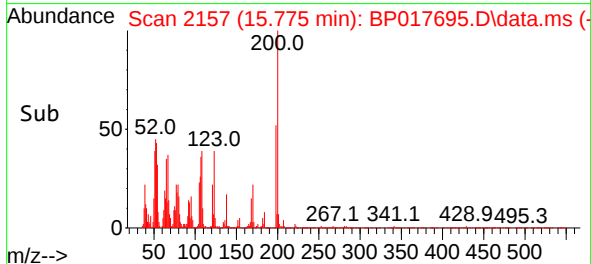
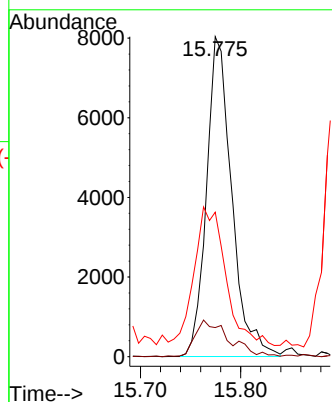


Tgt Ion:198 Resp: 1406
Ion Ratio Lower Upper
198 100
182 9.1 3.4 5.0
77 45.1 23.0 34.6

Manual Integrations
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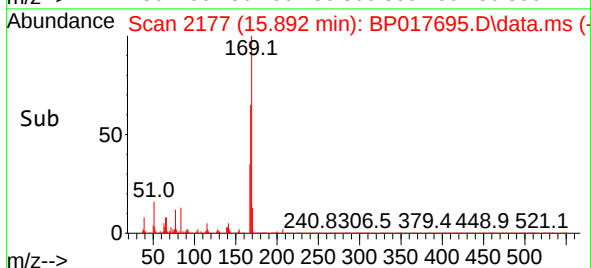
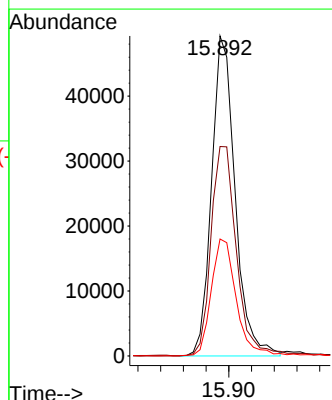
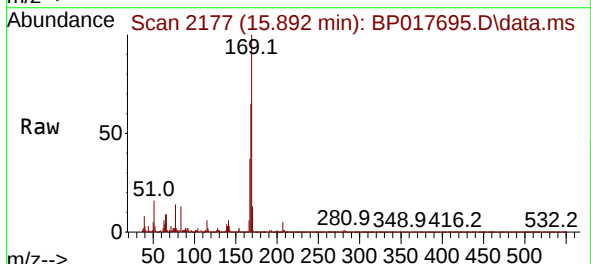
Reviewed By :Yogesh
Patel
10/18/2023

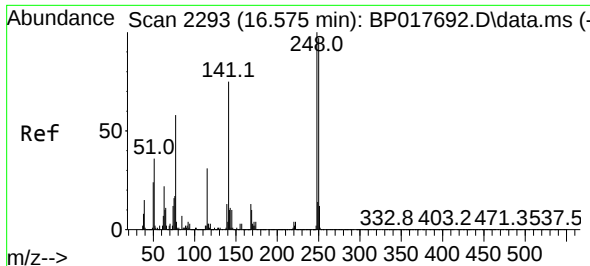
Supervised By :mohammad
ahmed
10/19/2023



#67
N-Nitrosodiphenylamine
Concen: 4.306 ng/ul
RT: 15.892 min Scan# 2177
Delta R.T. -0.000 min
Lab File: BP017695.D
Acq: 17 Oct 2023 12:58

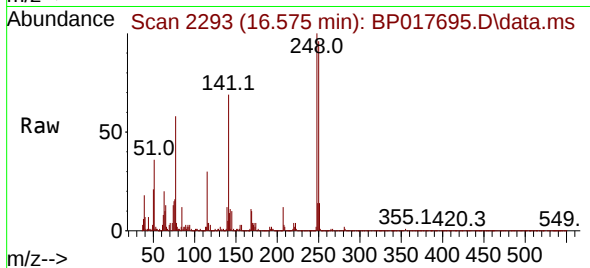
Tgt Ion:169 Resp: 70845
Ion Ratio Lower Upper
169 100
168 65.5 53.3 79.9
167 36.6 29.6 44.4





#68
4-Bromophenyl-phenylether
Concen: 4.428 ng/ul
RT: 16.575 min Scan# 2293
Delta R.T. 0.006 min
Lab File: BP017695.D
Acq: 17 Oct 2023 12:58

Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-QT3-2023-06

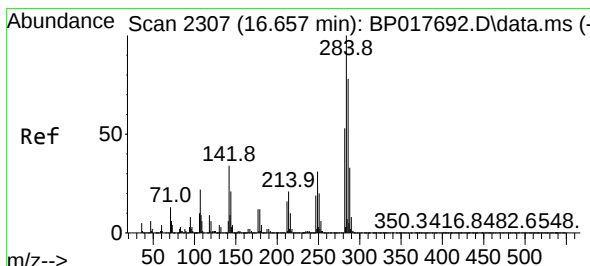
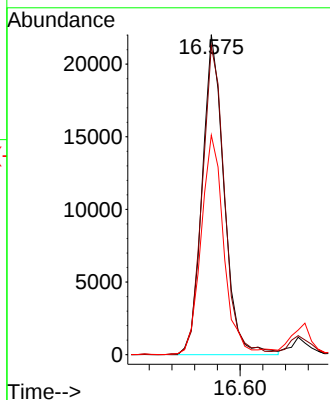
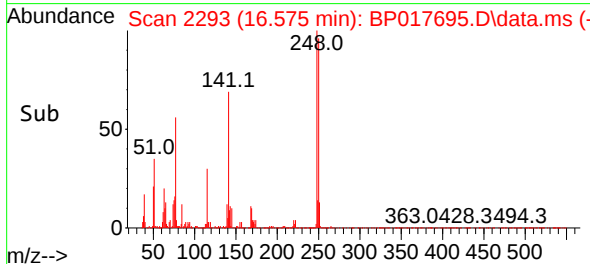


Tgt Ion:248 Resp: 2940
Ion Ratio Lower Upper
248 100
250 96.5 75.9 113.9
141 68.6 57.2 85.8

Manual Integrations
APPROVED

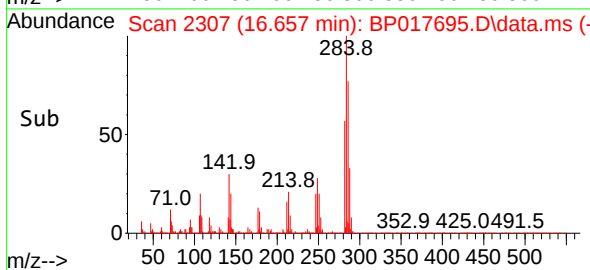
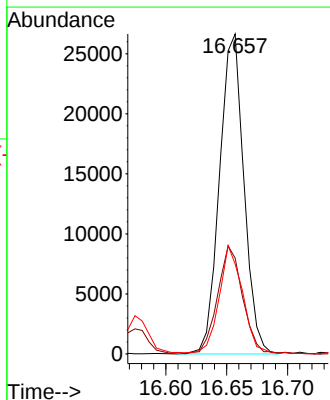
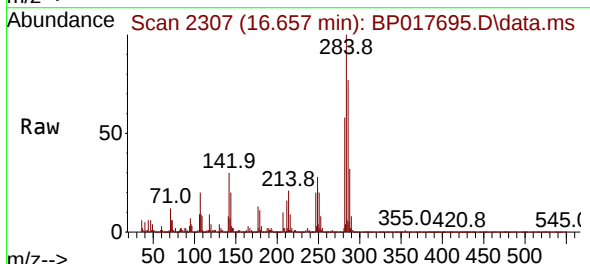
Reviewed By :Yogesh
Patel
10/18/2023

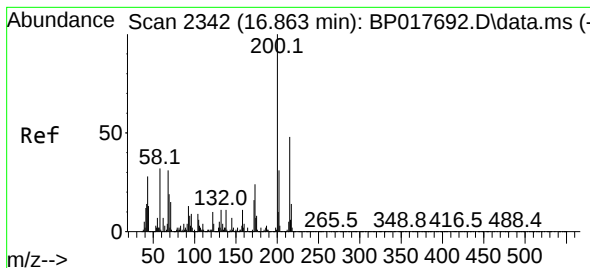
Supervised By :mohammad
ahmed
10/19/2023



#69
Hexachlorobenzene
Concen: 4.697 ng/ul
RT: 16.657 min Scan# 2307
Delta R.T. 0.006 min
Lab File: BP017695.D
Acq: 17 Oct 2023 12:58

Tgt Ion:284 Resp: 37115
Ion Ratio Lower Upper
284 100
142 30.0 25.8 38.6
249 31.9 24.9 37.3





#70

Atrazine

Concen: 2.916 ng/ul m

RT: 16.863 min Scan# 2342

Delta R.T. 0.006 min

Lab File: BP017695.D

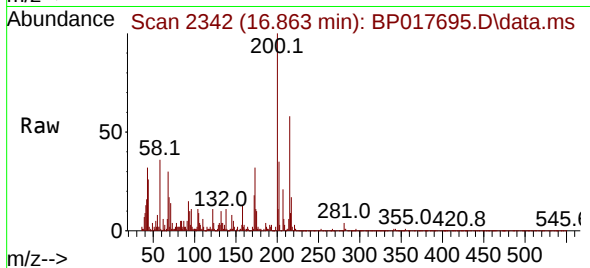
Acq: 17 Oct 2023 12:58

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-QT3-2023-06



Tgt Ion:	200	Resp:	18570
Ion Ratio	Lower	Upper	
200	100		
173	31.6	19.9	29.9
215	57.6	37.8	56.6

Manual Integrations
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Reviewed By :Yogesh

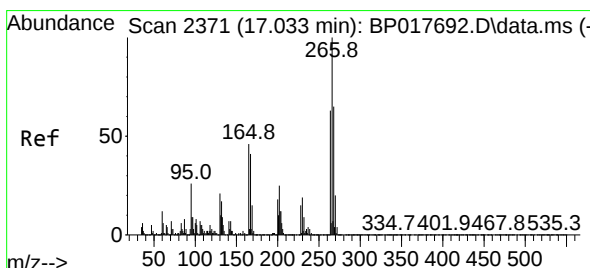
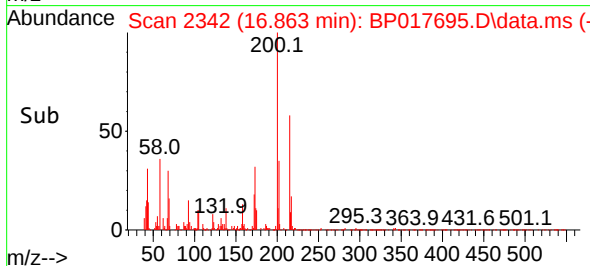
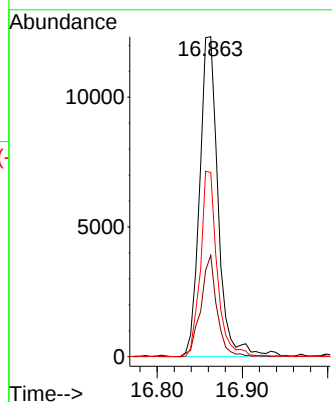
Patel

10/18/2023

Supervised By :mohammad

ahmed

10/19/2023



#71

Pentachlorophenol

Concen: 3.957 ng/ul

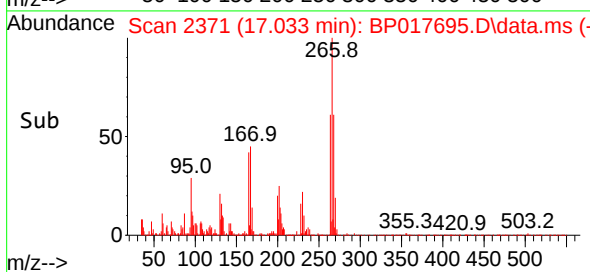
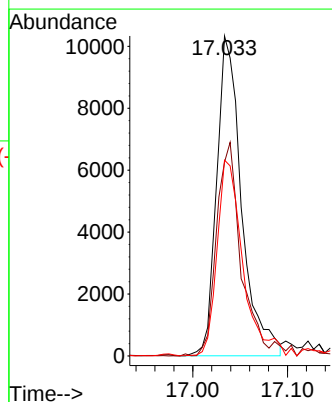
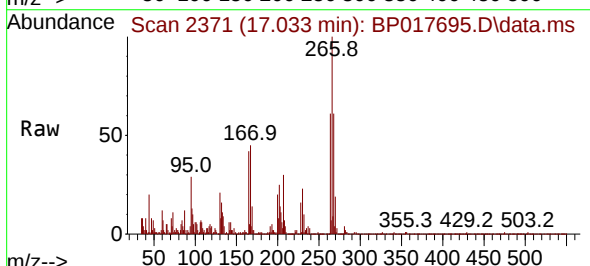
RT: 17.033 min Scan# 2371

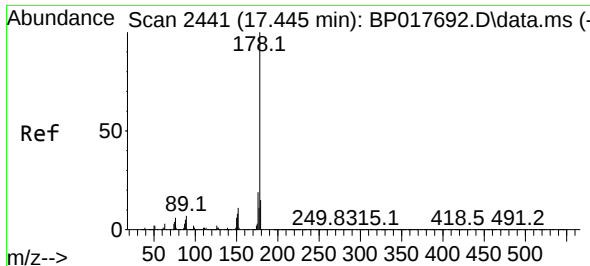
Delta R.T. 0.006 min

Lab File: BP017695.D

Acq: 17 Oct 2023 12:58

Tgt Ion:	266	Resp:	18936
Ion Ratio	Lower	Upper	
266	100		
264	60.5	49.2	73.8
268	61.2	51.8	77.6





#72
Phenanthrene
Concen: 4.722 ng/ul
RT: 17.445 min Scan# 2441
Delta R.T. 0.006 min
Lab File: BP017695.D
Acq: 17 Oct 2023 12:58

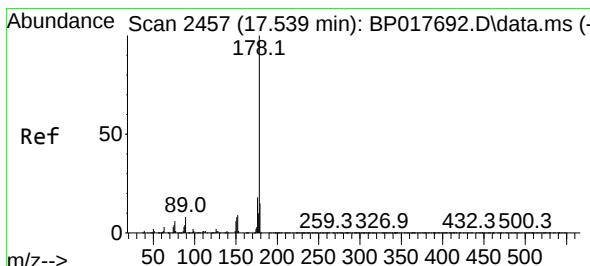
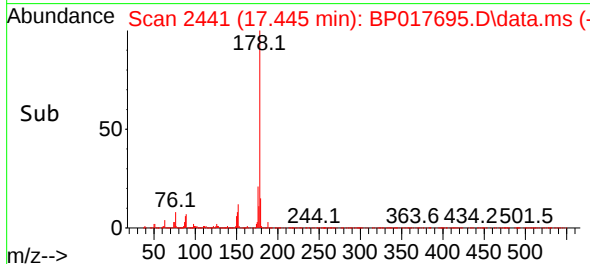
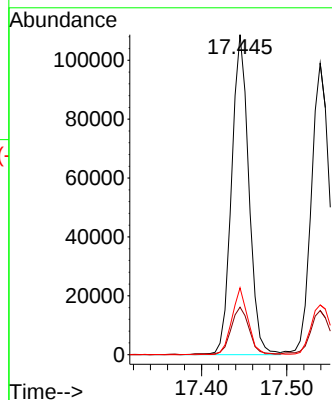
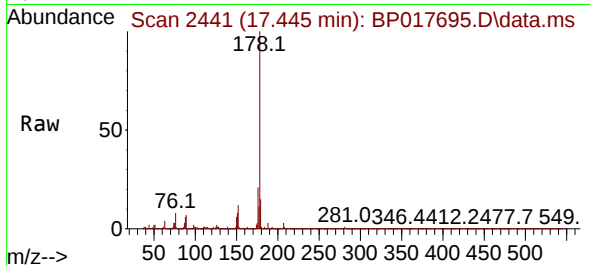
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-QT3-2023-06

Tgt Ion:178 Resp: 152984
Ion Ratio Lower Upper
178 100
179 14.9 12.1 18.1
176 20.9 15.3 22.9

Manual Integrations
APPROVED

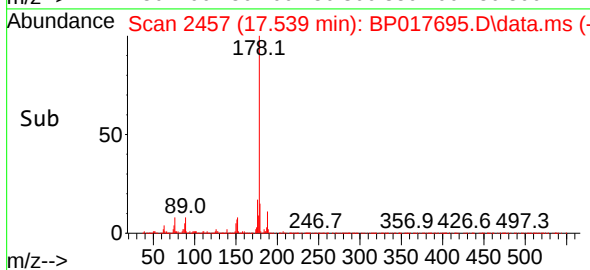
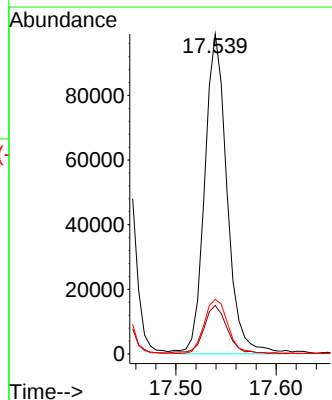
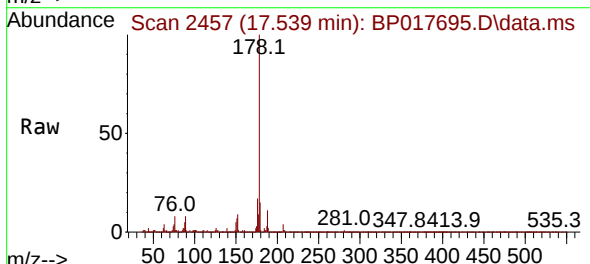
Reviewed By :Yogesh
Patel
10/18/2023

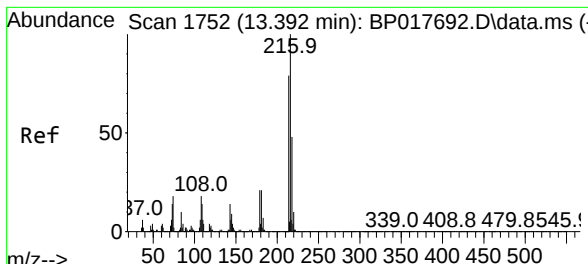
Supervised By :mohammad
ahmed
10/19/2023



#74
Anthracene
Concen: 4.665 ng/ul
RT: 17.539 min Scan# 2457
Delta R.T. 0.006 min
Lab File: BP017695.D
Acq: 17 Oct 2023 12:58

Tgt Ion:178 Resp: 152872
Ion Ratio Lower Upper
178 100
179 15.2 12.3 18.5
176 17.1 14.6 22.0



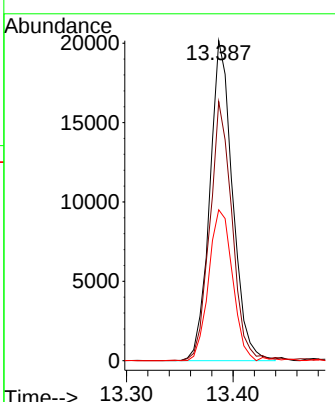
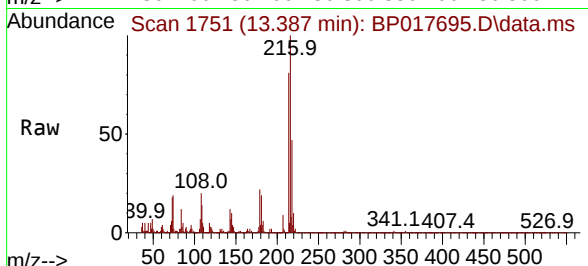


#75
1,2,3,4-Tetrachlorobenzene
Concen: 3.449 ng/uL
RT: 13.387 min Scan# 11
Delta R.T. 0.006 min
Lab File: BP017695.D
Acq: 17 Oct 2023 12:58

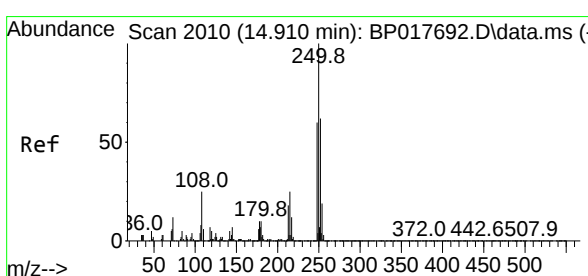
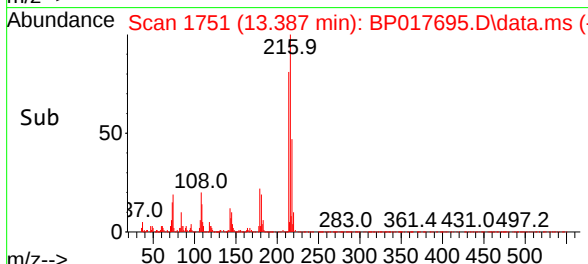
Instrument : BNA_P
ClientSampleId : MDL-SOIL-QT3-2023-06

Tgt Ion:	216	Resp:	29970
Ion Ratio	Lower	Upper	
216	100		
214	80.9	62.9	94.3
218	47.1	38.6	58.0

Manual Integrations
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Reviewed By :Yogesh Patel
10/18/2023

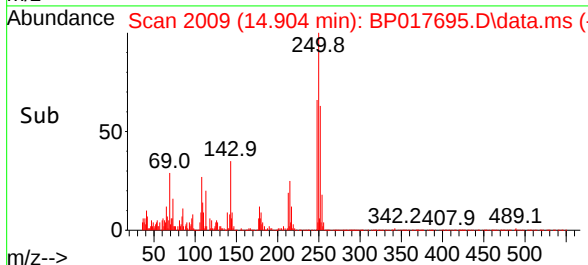
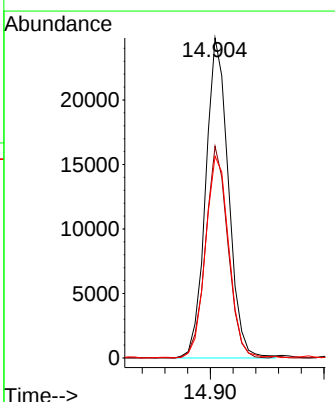
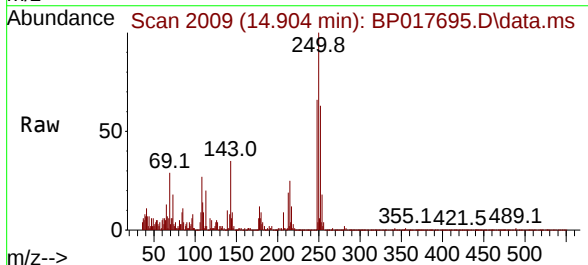


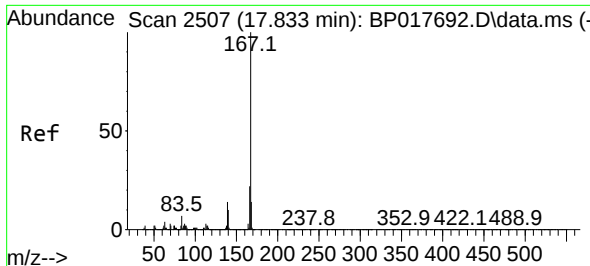
Supervised By :mohammad ahmed
10/19/2023



#76
Pentachlorobenzene
Concen: 3.867 ng/uL
RT: 14.904 min Scan# 2009
Delta R.T. 0.006 min
Lab File: BP017695.D
Acq: 17 Oct 2023 12:58

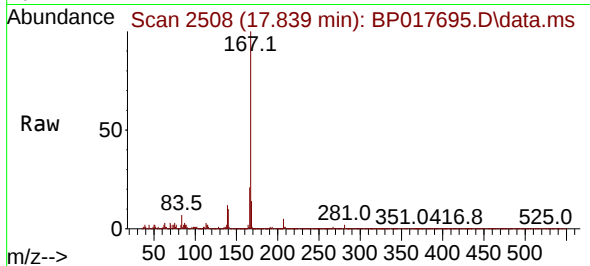
Tgt Ion:	250	Resp:	34475
Ion Ratio	Lower	Upper	
250	100		
248	62.2	50.8	76.2
252	59.3	49.9	74.9





#77
 Carbazole
 Concen: 4.101 ng/ul
 RT: 17.839 min Scan# 2507
 Delta R.T. 0.012 min
 Lab File: BP017695.D
 Acq: 17 Oct 2023 12:58

Instrument :
 BNA_P
 ClientSampleId :
 MDL-SOIL-QT3-2023-06

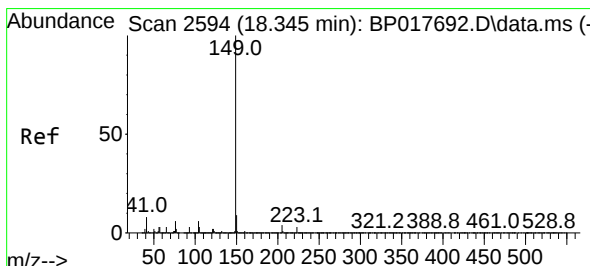
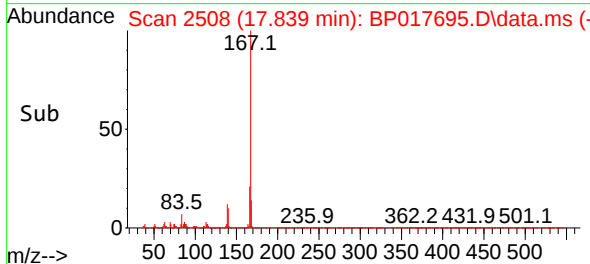
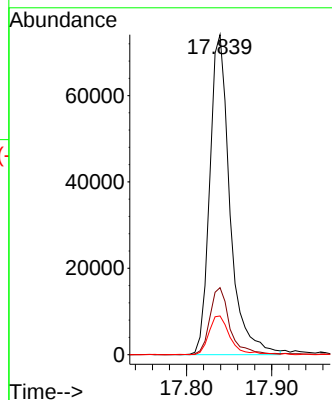


Tgt Ion:167 Resp: 121688
 Ion Ratio Lower Upper
 167 100
 166 20.9 17.0 25.6
 139 12.1 10.2 15.2

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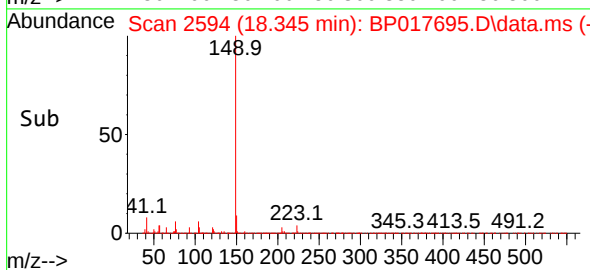
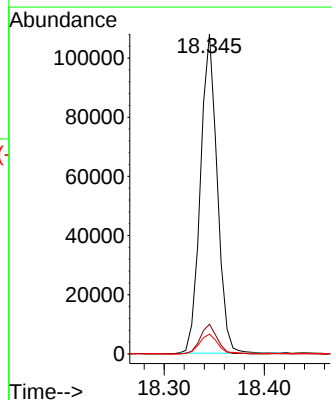
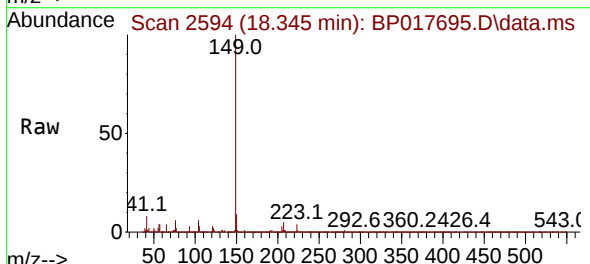
Reviewed By :Yogesh
 Patel
 10/18/2023

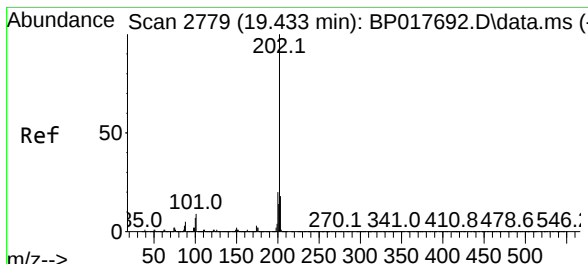
Supervised By :mohammad
 ahmed
 10/19/2023



#78
 Di-n-butylphthalate
 Concen: 3.424 ng/ul
 RT: 18.345 min Scan# 2594
 Delta R.T. 0.006 min
 Lab File: BP017695.D
 Acq: 17 Oct 2023 12:58

Tgt Ion:149 Resp: 125131
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.4 11.0
 104 6.2 4.6 6.8





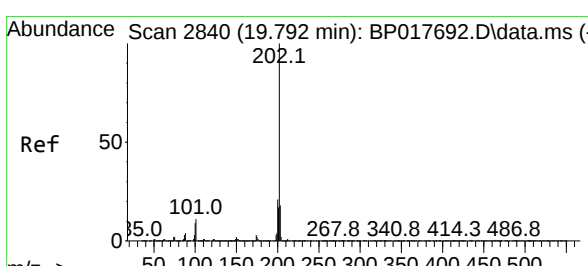
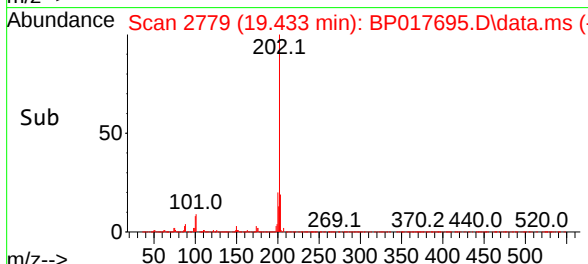
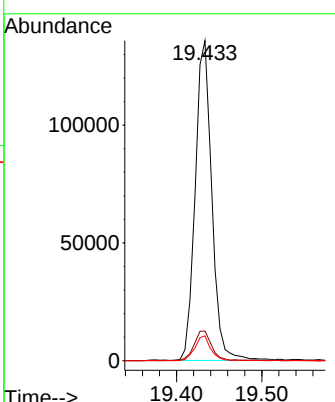
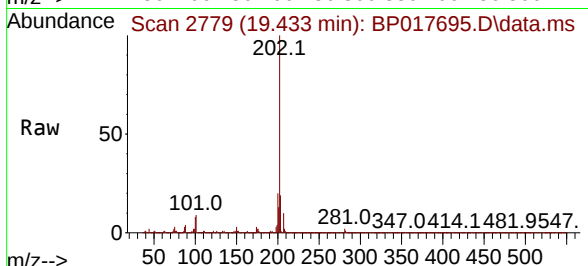
#80
 Fluoranthene
 Concen: 4.291 ng/ul
 RT: 19.433 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BP017695.D
 Acq: 17 Oct 2023 12:58

Instrument : BNA_P
 ClientSampleId : MDL-SOIL-QT3-2023-06

Tgt Ion:	202	Resp:	18340
Ion Ratio	Lower	Upper	
202	100		
101	9.2	7.0	10.6
100	7.8	5.8	8.6

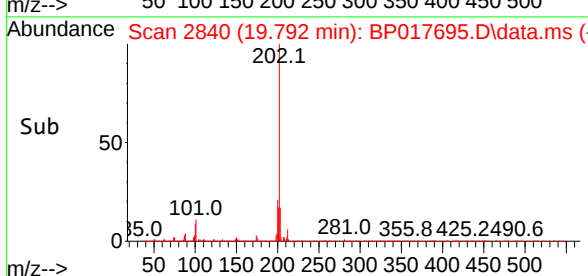
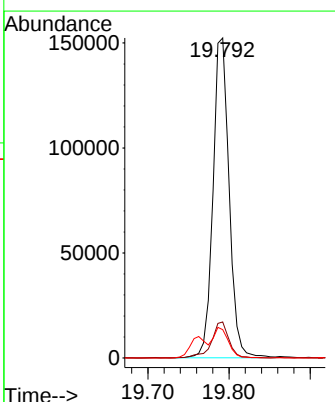
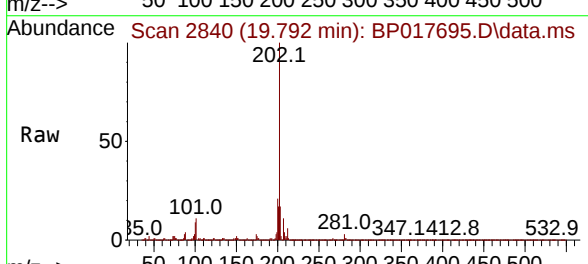
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 Reviewed By :Yogesh Patel
 10/18/2023

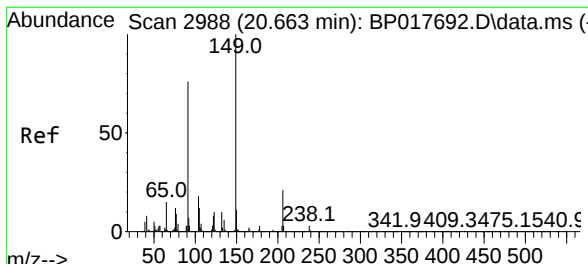
Supervised By :mohammad ahmed
 10/19/2023



#82
 Pyrene
 Concen: 4.725 ng/ul
 RT: 19.792 min Scan# 2840
 Delta R.T. 0.006 min
 Lab File: BP017695.D
 Acq: 17 Oct 2023 12:58

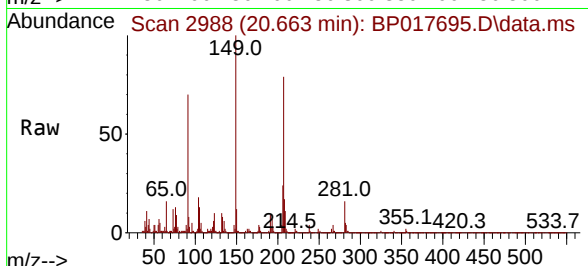
Tgt Ion:	202	Resp:	210984
Ion Ratio	Lower	Upper	
202	100		
101	11.2	8.8	13.2
100	8.8	7.4	11.0





#83
Butylbenzylphthalate
Concen: 3.043 ng/ul
RT: 20.663 min Scan# 2988
Delta R.T. 0.006 min
Lab File: BP017695.D
Acq: 17 Oct 2023 12:58

Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-QT3-2023-06

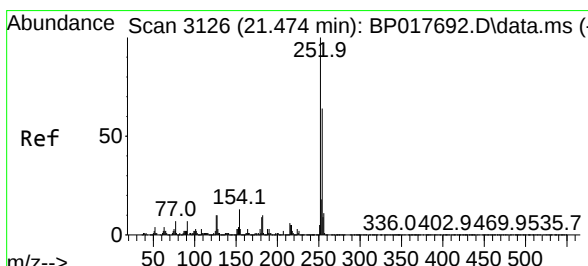
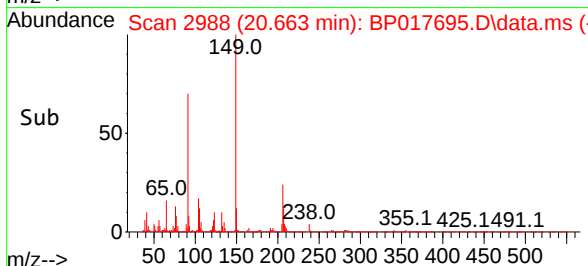
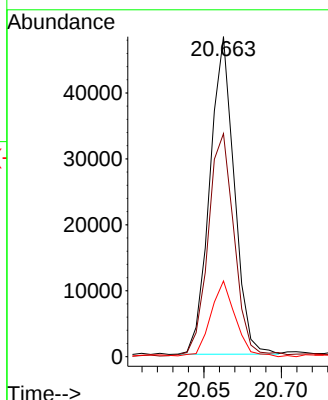


Tgt Ion	Ratio	Lower	Upper
149	100		
91	69.7	59.6	89.4
206	23.6	17.2	25.8

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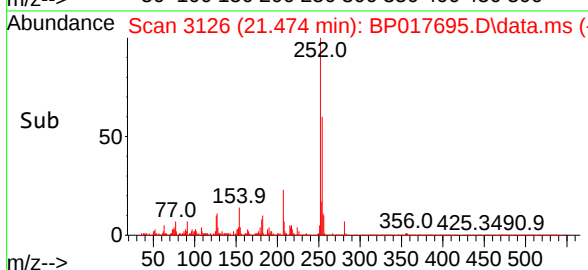
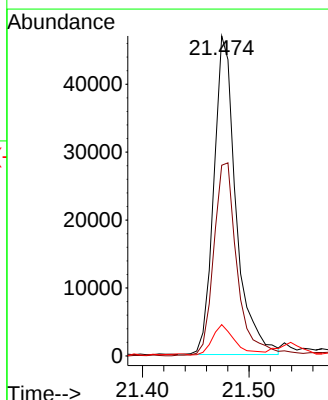
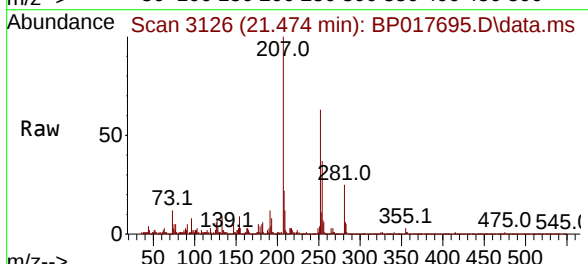
Reviewed By :Yogesh
Patel
10/18/2023

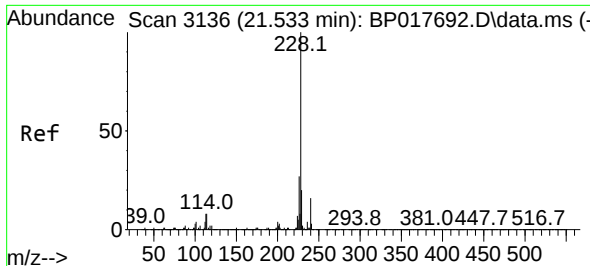
Supervised By :mohammad
ahmed
10/19/2023



#84
3,3'-Dichlorobenzidine
Concen: 4.250 ng/ul
RT: 21.474 min Scan# 3126
Delta R.T. 0.006 min
Lab File: BP017695.D
Acq: 17 Oct 2023 12:58

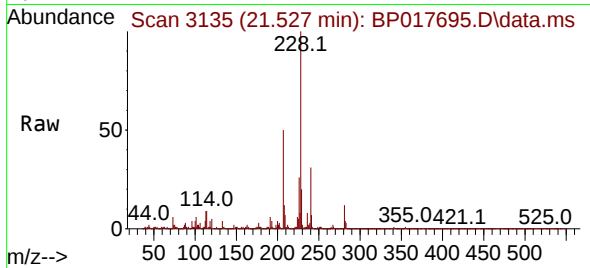
Tgt Ion	Ratio	Lower	Upper
252	100		
254	59.6	51.8	77.6
126	9.8	8.1	12.1





#85
Benzo(a)anthracene
Concen: 4.474 ng/ul
RT: 21.527 min Scan# 3135
Delta R.T. -0.000 min
Lab File: BP017695.D
Acq: 17 Oct 2023 12:58

Instrument : BNA_P
ClientSampleId :
MDL-SOIL-QT3-2023-06

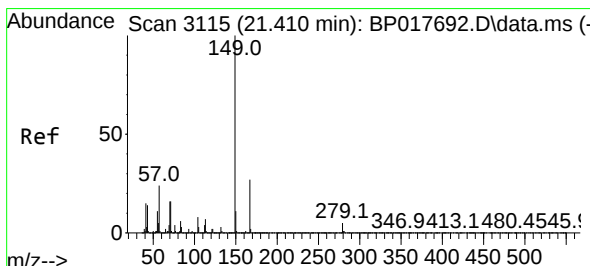
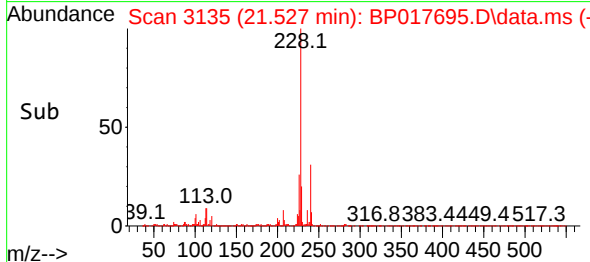
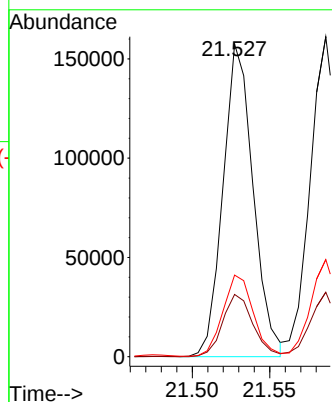


Tgt Ion:228 Resp: 213160
Ion Ratio Lower Upper
228 100
229 19.9 15.4 23.2
226 26.1 21.4 32.0

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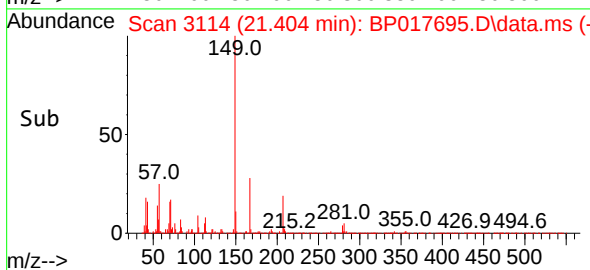
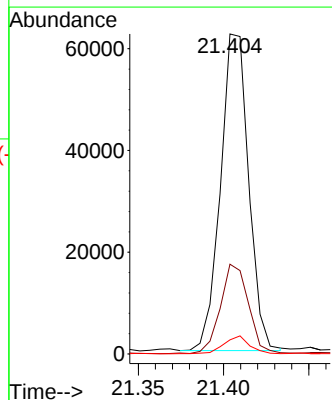
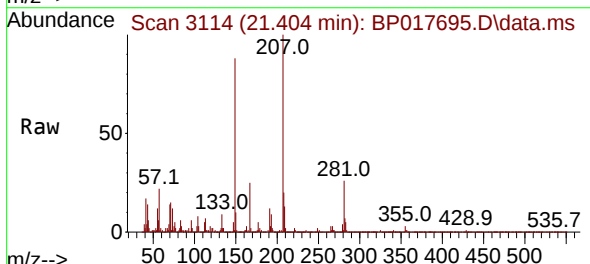
Reviewed By :Yogesh
Patel
10/18/2023

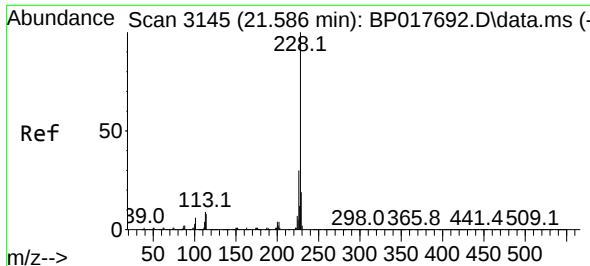
Supervised By :mohammad
ahmed
10/19/2023



#86
Bis(2-ethylhexyl)phthalate
Concen: 2.728 ng/ul
RT: 21.404 min Scan# 3114
Delta R.T. -0.000 min
Lab File: BP017695.D
Acq: 17 Oct 2023 12:58

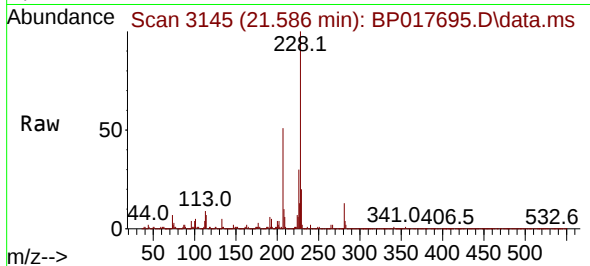
Tgt Ion:149 Resp: 71668
Ion Ratio Lower Upper
149 100
167 28.0 21.7 32.5
279 4.4 3.7 5.5





#87
Chrysene
Concen: 4.928 ng/ul
RT: 21.586 min Scan# 3145
Delta R.T. 0.006 min
Lab File: BP017695.D
Acq: 17 Oct 2023 12:58

Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-QT3-2023-06

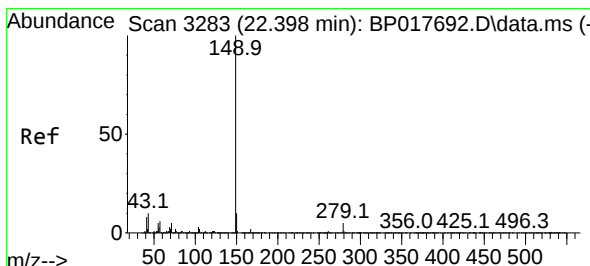
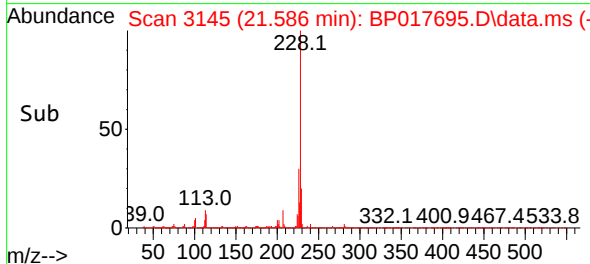
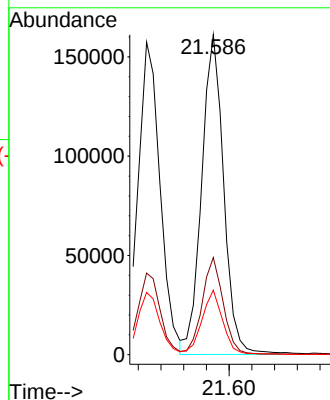


Tgt Ion:228 Resp: 216692
Ion Ratio Lower Upper
228 100
226 30.3 24.2 36.4
229 20.2 16.1 24.1

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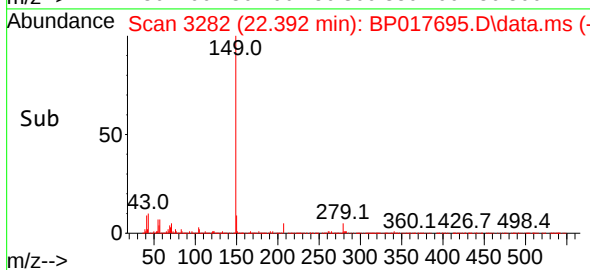
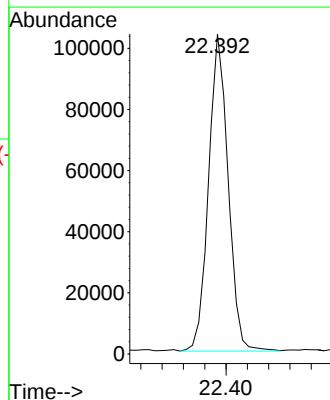
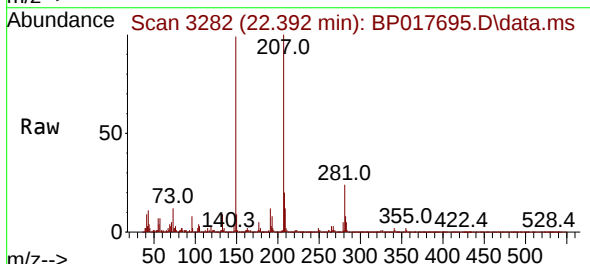
Reviewed By :Yogesh
Patel
10/18/2023

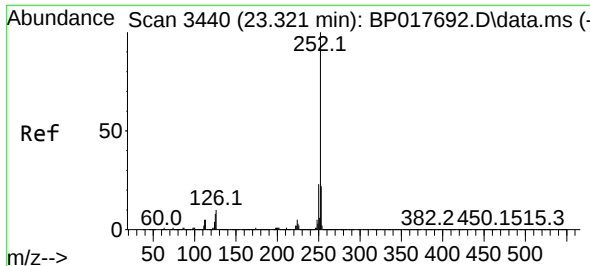
Supervised By :mohammad
ahmed
10/19/2023



#89
Di-n-octyl phthalate
Concen: 2.854 ng/ul
RT: 22.392 min Scan# 3282
Delta R.T. 0.006 min
Lab File: BP017695.D
Acq: 17 Oct 2023 12:58

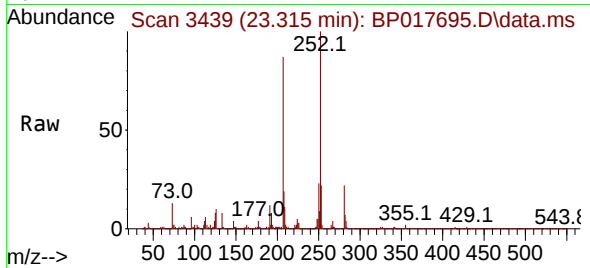
Tgt Ion:149 Resp: 132274





#90
Benzo(b)fluoranthene
Concen: 4.607 ng/ul
RT: 23.315 min Scan# 3440
Delta R.T. 0.006 min
Lab File: BP017695.D
Acq: 17 Oct 2023 12:58

Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-QT3-2023-06

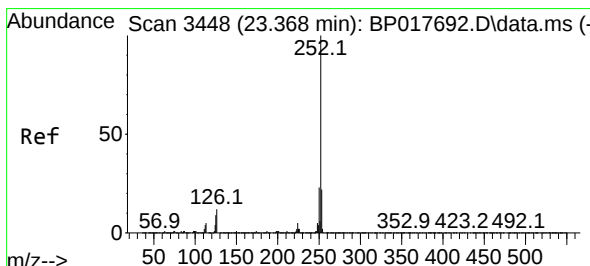
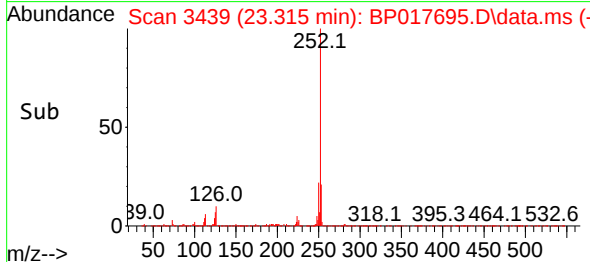
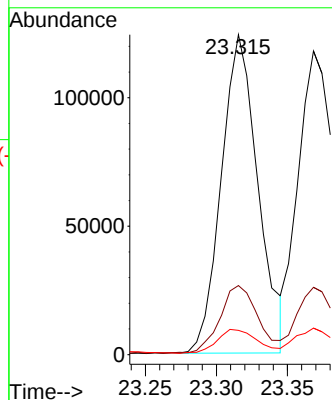


Tgt Ion:252 Resp: 22271
Ion Ratio Lower Upper
252 100
253 21.6 17.3 25.9
125 7.6 6.9 10.3

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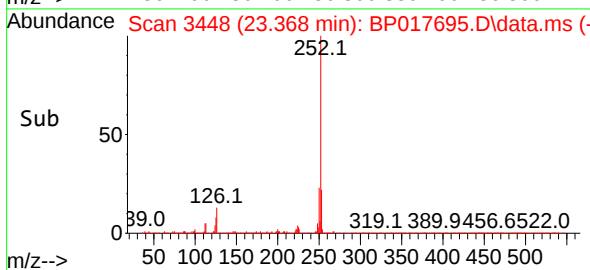
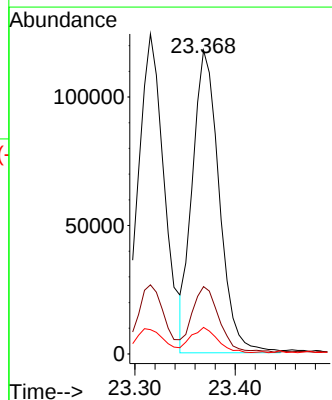
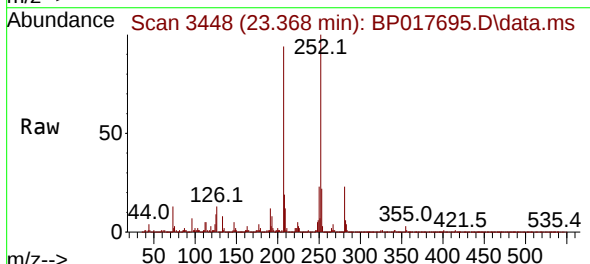
Reviewed By :Yogesh
Patel
10/18/2023

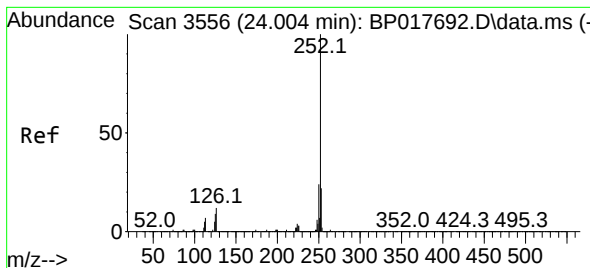
Supervised By :mohammad
ahmed
10/19/2023



#91
Benzo(k)fluoranthene
Concen: 4.561 ng/ul
RT: 23.368 min Scan# 3448
Delta R.T. -0.000 min
Lab File: BP017695.D
Acq: 17 Oct 2023 12:58

Tgt Ion:252 Resp: 219369
Ion Ratio Lower Upper
252 100
253 22.2 17.4 26.0
125 8.8 6.3 9.5





#93

Benzo(a)pyrene

Concen: 4.682 ng/ul

RT: 23.998 min Scan# 3555

Delta R.T. -0.000 min

Lab File: BP017695.D

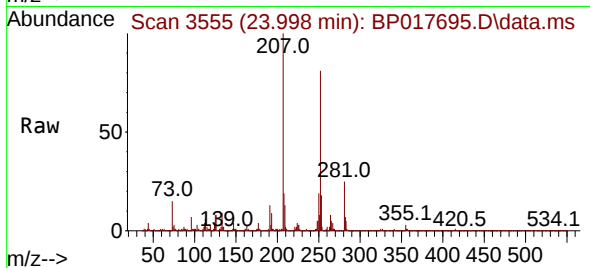
Acq: 17 Oct 2023 12:58

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-QT3-2023-06



Tgt Ion:252 Resp: 21078

Ion Ratio Lower Upper

252 100

253 21.8 17.4 26.0

125 10.0 7.3 10.9

Manual Integrations

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Reviewed By :Yogesh

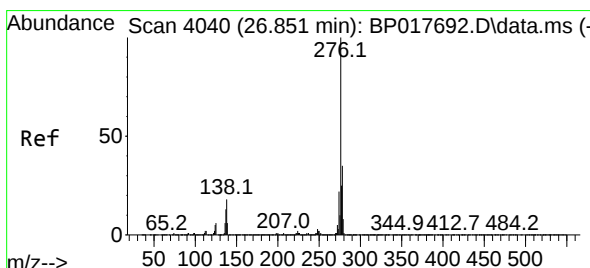
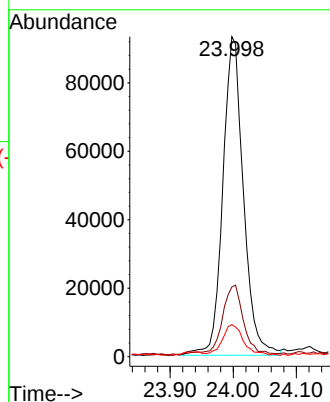
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Supervised By :mohammad

ahmed

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#94

Indeno(1,2,3-cd)pyrene

Concen: 4.632 ng/ul

RT: 26.851 min Scan# 4040

Delta R.T. 0.012 min

Lab File: BP017695.D

Acq: 17 Oct 2023 12:58

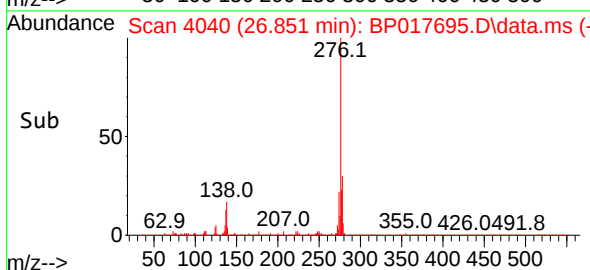
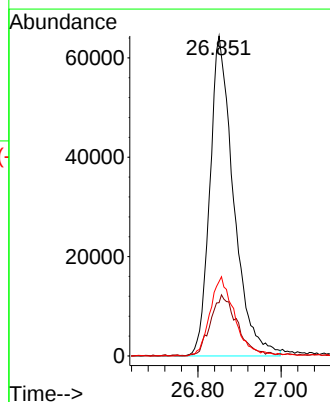
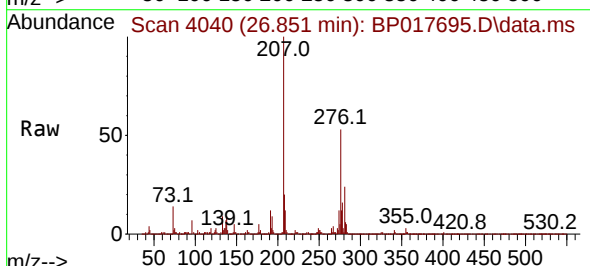
Tgt Ion:276 Resp: 255689

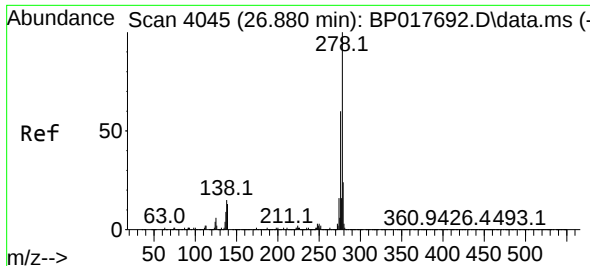
Ion Ratio Lower Upper

276 100

138 16.6 14.6 21.8

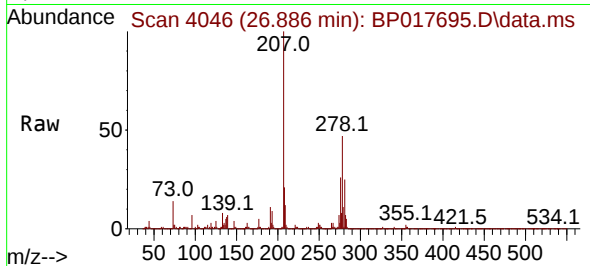
277 23.2 19.3 28.9





#95
Dibenzo(a,h)anthracene
Concen: 4.576 ng/ul
RT: 26.886 min Scan# 4045
Delta R.T. 0.018 min
Lab File: BP017695.D
Acq: 17 Oct 2023 12:58

Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-QT3-2023-06

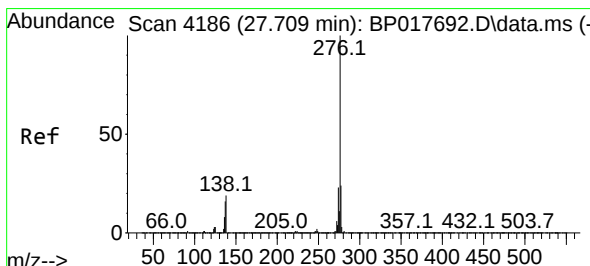
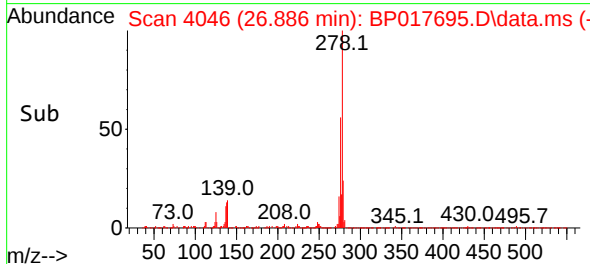
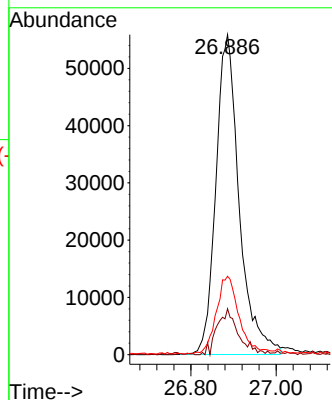


Tgt Ion:278 Resp: 211728
Ion Ratio Lower Upper
278 100
139 14.4 10.8 16.2
279 24.5 19.8 29.8

Manual Integrations
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Reviewed By :Yogesh
Patel
10/18/2023

Supervised By :mohammad
ahmed
10/19/2023



#96
Benzo(g,h,i)perylene
Concen: 4.689 ng/ul
RT: 27.703 min Scan# 4185
Delta R.T. 0.006 min
Lab File: BP017695.D
Acq: 17 Oct 2023 12:58

Tgt Ion:276 Resp: 205828
Ion Ratio Lower Upper
276 100
138 19.6 14.1 21.1
277 25.5 18.7 28.1

