

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032524\
 Data File : BP019980.D
 Acq On : 25 Mar 2024 13:00
 Operator : MA/JU
 Sample : P1601-03
 Misc : SFAM-MDL-SOIL-01
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MDL-SOIL-QT1-2024-01

Quant Time: Mar 26 00:06:00 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP032224.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Mar 25 10:46:59 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut
 Upadhyay
 03/26/2024

Supervised By :mohammad
 ahmed
 03/27/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.581	152	135174	20.000	ng/u1	-0.04
20) Naphthalene-d8	10.328	136	570807	20.000	ng/u1	-0.04
38) Acenaphthene-d10	14.228	164	370979	20.000	ng/u1	-0.02
64) Phenanthrene-d10	17.075	188	760637	20.000	ng/u1	0.00
79) Chrysene-d12	21.533	240	639639	20.000	ng/u1	-0.01
88) Perylene-d12	24.833	264	702670	20.000	ng/u1	0.00

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.222	96	15638	5.069	ng/uL	-0.02
4) Pyridine-d5	3.611	84	223026	23.941	ng/u1	-0.03
7) Phenol-d5	6.763	99	262200	22.999	ng/u1	-0.04
9) Bis-(2-Chloroethyl)eth...	6.922	67	173336	23.337	ng/u1	-0.05
11) 2-Chlorophenol-d4	7.110	132	189873	23.191	ng/u1	-0.04
15) 4-Methylphenol-d8	8.269	113	203243	23.043	ng/u1	-0.04
21) Nitrobenzene-d5	8.728	128	97710	22.333	ng/u1	-0.03
24) 2-Nitrophenol-d4	9.428	143	108834	22.233	ng/u1	-0.04
28) 2,4-Dichlorophenol-d3	9.963	165	192863	21.573	ng/u1	-0.04
31) 4-Chloroaniline-d4	10.487	131	261139	22.407	ng/u1	-0.03
46) Dimethylphthalate-d6	13.645	166	583721	22.442	ng/u1	0.00
49) Acenaphthylene-d8	13.922	160	681603	22.433	ng/u1	-0.01
54) 4-Nitrophenol-d4	14.469	143	76738	18.767	ng/u1	-0.01
60) Fluorene-d10	15.257	176	495031	22.342	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.410	200	85689	18.820	ng/u1	-0.01
73) Anthracene-d10	17.169	188	709450	21.070	ng/u1	0.00
81) Pyrene-d10	19.563	212	813396	21.674	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.580	264	759145	22.488	ng/u1	-0.03

Target Compounds					Qvalue
2) 1,4-Dioxane	3.258	88	4049	1.150 ng/uL#	87
5) Pyridine	3.634	79	41615	4.383 ng/u1#	71
6) Benzaldehyde	6.758	77	35000	6.209 ng/u1	96
8) Phenol	6.793	94	52186	4.378 ng/u1	95
10) Bis(2-Chloroethyl)ether	7.016	93	43039	4.459 ng/u1	98
12) 2-Chlorophenol	7.146	128	37865	4.388 ng/u1	98
13) 2-Methylphenol	8.016	108	36899	4.295 ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.081	45	61578	4.639 ng/u1	96
16) Acetophenone	8.399	105	66531	4.676 ng/u1	95
17) N-Nitroso-di-n-propyla...	8.381	70	37322	4.703 ng/u1	98
18) 4-Methylphenol	8.340	108	40155	4.342 ng/u1	97
19) Hexachloroethane	8.616	117	17597	4.391 ng/u1	98
22) Nitrobenzene	8.763	77	54408	4.366 ng/u1	98
23) Isophorone	9.281	82	101107	4.352 ng/u1	97
25) 2-Nitrophenol	9.463	139	21096	4.134 ng/u1	98
26) 2,4-Dimethylphenol	9.528	107	36519	3.278 ng/u1	97
27) Bis(2-Chloroethoxy)met...	9.757	93	57583	4.239 ng/u1	98
29) 2,4-Dichlorophenol	9.999	162	35579	4.068 ng/u1	96
30) Naphthalene	10.381	128	126599	4.323 ng/u1	98
32) 4-Chloroaniline	10.510	127	49384	4.318 ng/u1	98
33) Hexachlorobutadiene	10.634	225	28150	4.084 ng/u1	98
34) Caprolactam	11.340	113	12145m	4.468 ng/u1	
35) 4-Chloro-3-methylphenol	11.651	107	42029	4.326 ng/u1	97
36) 2-Methylnaphthalene	11.998	142	85757	4.398 ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.234	142	87469	4.486	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.375	216	50192	4.092	ng/ul	97
40) Hexachlorocyclopentadiene	12.334	237	36739	5.293	ng/ul	99
41) 2,4,6-Trichlorophenol	12.640	196	30601	4.061	ng/ul	96
42) 2,4,5-Trichlorophenol	12.728	196	30601m	3.926	ng/ul	
43) 1,1'-Biphenyl	13.045	154	114053	4.245	ng/ul	99
44) 2-Chloronaphthalene	13.087	162	92454	4.267	ng/ul	98
45) 2-Nitroaniline	13.316	65	27290	3.999	ng/ul	92
47) Dimethylphthalate	13.687	163	113785	4.334	ng/ul	100
48) 2,6-Dinitrotoluene	13.828	165	20854	3.912	ng/ul	91
50) Acenaphthylene	13.951	152	145781	4.290	ng/ul	98
51) 3-Nitroaniline	14.157	138	17695	3.605	ng/ul	89
52) Acenaphthene	14.298	153	96865	4.291	ng/ul	99
53) 2,4-Dinitrophenol	14.404	184	11436	3.770	ng/ul#	84
55) 4-Nitrophenol	14.487	109	14424	3.844	ng/ul	89
56) Dibenzofuran	14.639	168	132884	4.335	ng/ul	96
57) 2,4-Dinitrotoluene	14.645	165	30201	4.144	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	14.881	232	27834	4.165	ng/ul	96
59) Diethylphthalate	15.098	149	109220	4.195	ng/ul	98
61) Fluorene	15.310	166	109027	4.361	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.310	204	57469	4.291	ng/ul	99
63) 4-Nitroaniline	15.369	138	16015	3.820	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.428	198	19727	4.083	ng/ul#	87
67) N-Nitrosodiphenylamine	15.539	169	90704	4.317	ng/ul	98
68) 4-Bromophenyl-phenylether	16.234	248	33641	4.075	ng/ul	93
69) Hexachlorobenzene	16.351	284	37556	4.097	ng/ul	95
70) Atrazine	16.539	200	33600	4.174	ng/ul	96
71) Pentachlorophenol	16.722	266	20809	3.872	ng/ul	93
72) Phenanthrene	17.116	178	164978	4.195	ng/ul	99
74) Anthracene	17.198	178	159511	3.995	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	12.998	216	48454	3.907	ng/ul	98
76) Pentachlorobenzene	14.551	250	50274	4.377	ng/ul	97
77) Carbazole	17.510	167	139860	4.096	ng/ul	99
78) Di-n-butylphthalate	18.092	149	164330	3.854	ng/ul	99
80) Fluoranthene	19.216	202	182337	4.136	ng/ul	100
82) Pyrene	19.592	202	192270	4.197	ng/ul	97
83) Butylbenzylphthalate	20.574	149	69489	3.735	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.463	252	53268	3.916	ng/ul	96
85) Benzo(a)anthracene	21.516	228	180086	4.068	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.469	149	103790	3.818	ng/ul	98
87) Chrysene	21.580	228	171716	4.173	ng/ul	97
89) Di-n-octyl phthalate	22.727	149	179100	4.019	ng/ul	100
90) Benzo(b)fluoranthene	23.780	252	168844	4.098	ng/ul	99
91) Benzo(k)fluoranthene	23.845	252	176838	4.224	ng/ul	98
93) Benzo(a)pyrene	24.651	252	167337	4.199	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	28.556	276	206423m	4.113	ng/ul	
95) Dibenzo(a,h)anthracene	28.639	278	173505m	4.250	ng/ul	
96) Benzo(g,h,i)perylene	29.733	276	171538m	4.231	ng/ul	

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

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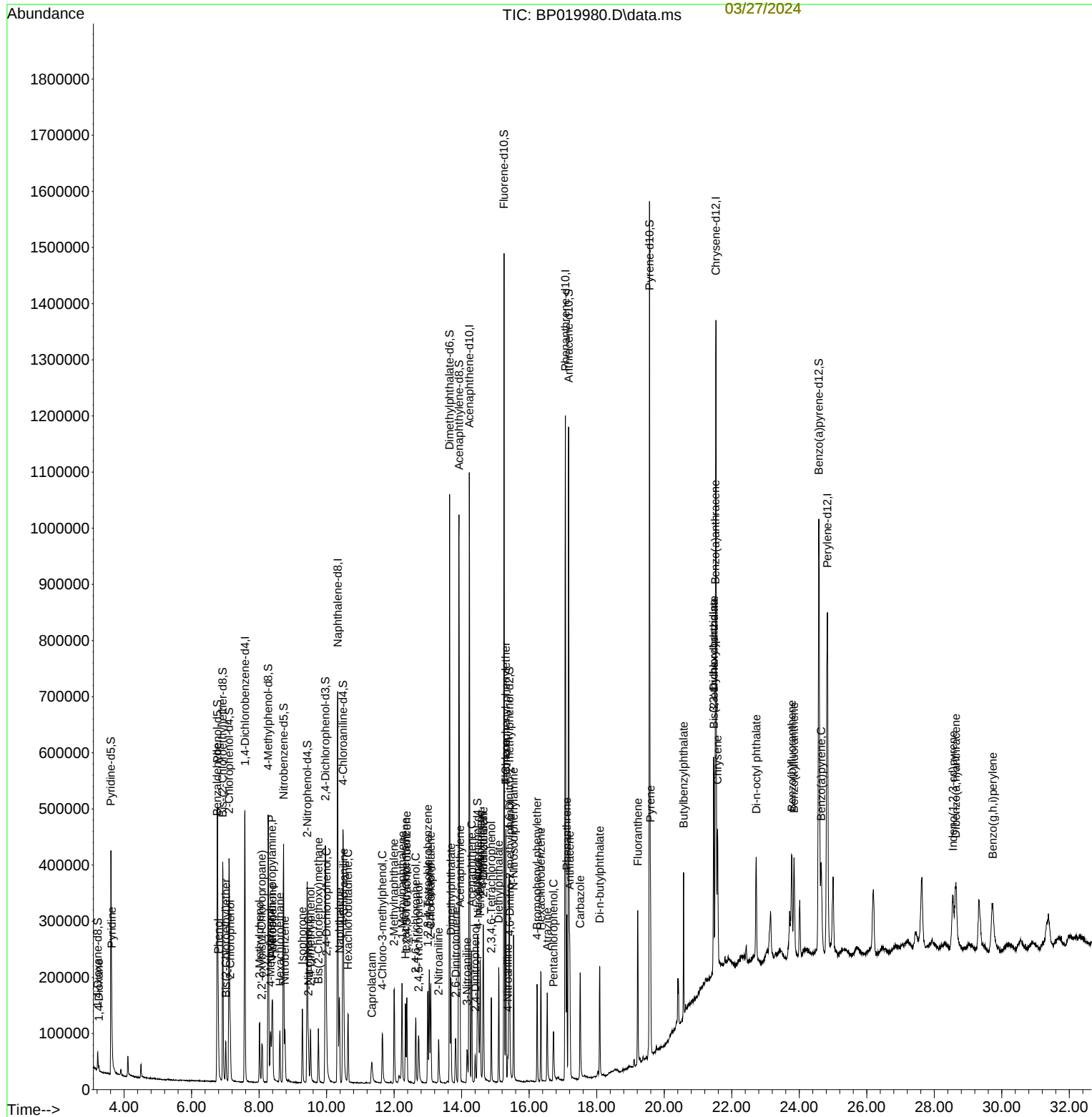
Instrument :
 BNA_P
 ClientSampleId :
 MDL-SOIL-QT1-2024-01

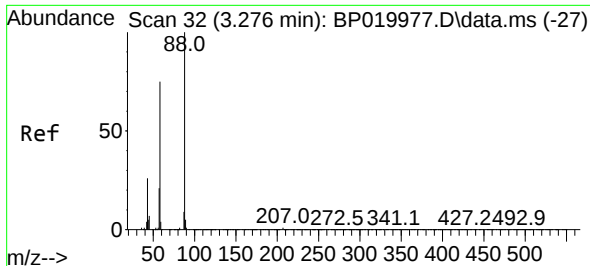
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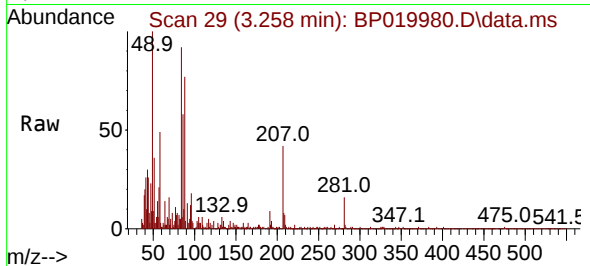
Supervised By :mohammad
 ahmed
 03/27/2024





#2
 1,4-Dioxane
 Concen: 1.150 ng/uL
 RT: 3.258 min Scan# 29
 Delta R.T. -0.018 min
 Lab File: BP019980.D
 Acq: 25 Mar 2024 13:00

Instrument :
 BNA_P
 ClientSampleId :
 MDL-SOIL-QT1-2024-01

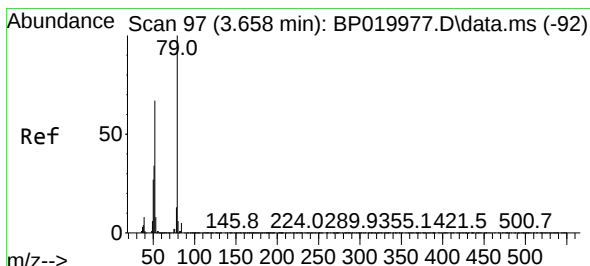
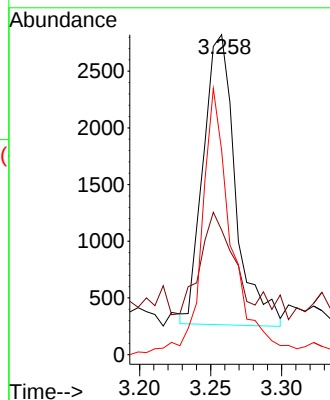
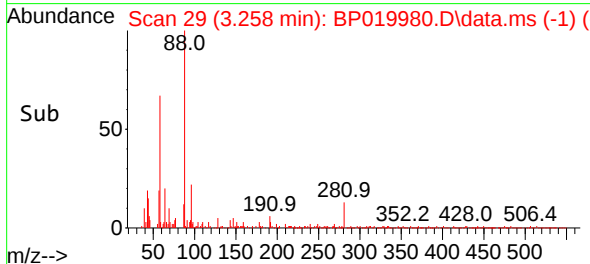


Tgt Ion: 88 Resp: 4049
 Ion Ratio Lower Upper
 88 100
 43 38.9 23.3 34.9
 58 63.8 58.3 87.5

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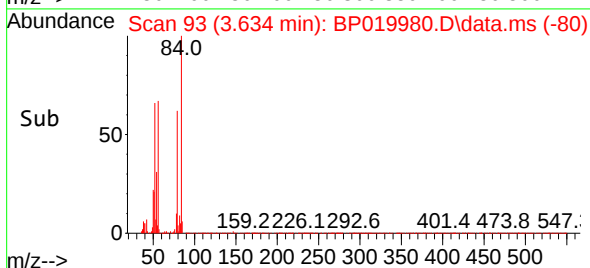
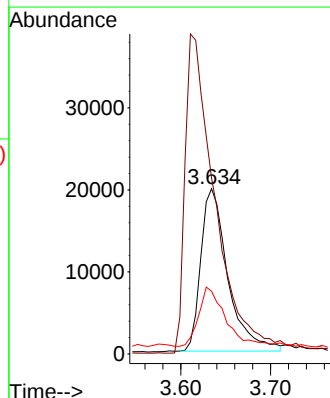
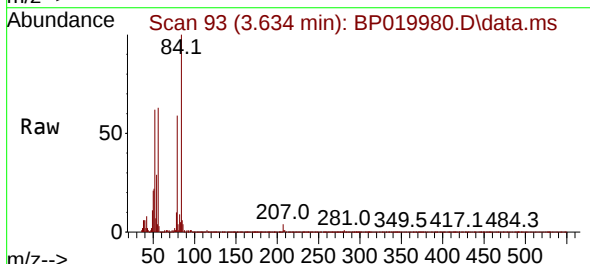
Reviewed By :Jagrut
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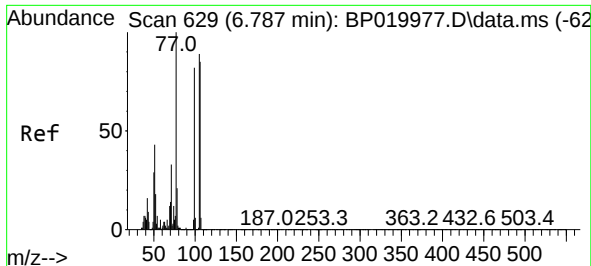
Supervised By :mohammad
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#5
 Pyridine
 Concen: 4.383 ng/uL
 RT: 3.634 min Scan# 93
 Delta R.T. -0.024 min
 Lab File: BP019980.D
 Acq: 25 Mar 2024 13:00

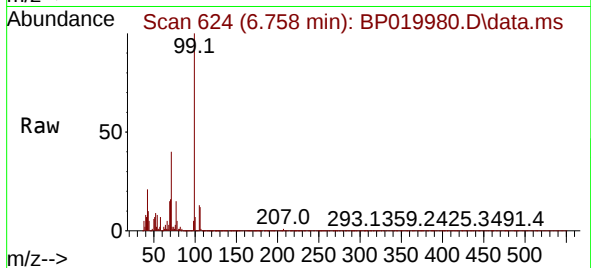
Tgt Ion: 79 Resp: 41615
 Ion Ratio Lower Upper
 79 100
 52 106.4 57.9 86.9
 51 37.9 28.2 42.2





#6
Benzaldehyde
Concen: 6.209 ng/ul
RT: 6.758 min Scan# 61
Delta R.T. -0.030 min
Lab File: BP019980.D
Acq: 25 Mar 2024 13:00

Instrument :
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ClientSampleId :
MDL-SOIL-QT1-2024-01

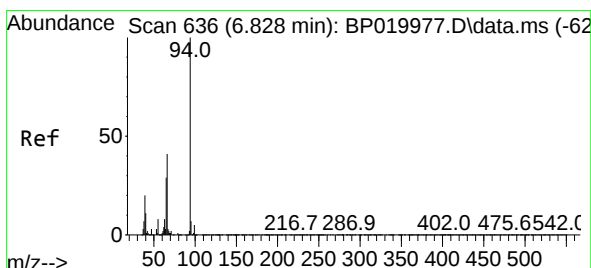
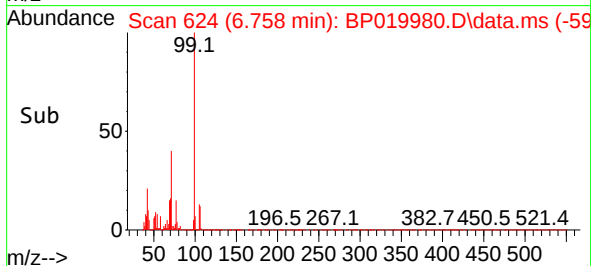
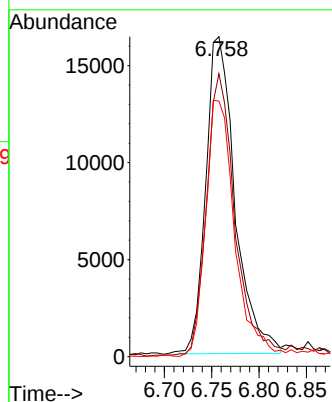


Tgt Ion: 77 Resp: 35000
Ion Ratio Lower Upper
77 100
105 88.4 72.2 108.4
106 79.9 69.1 103.7

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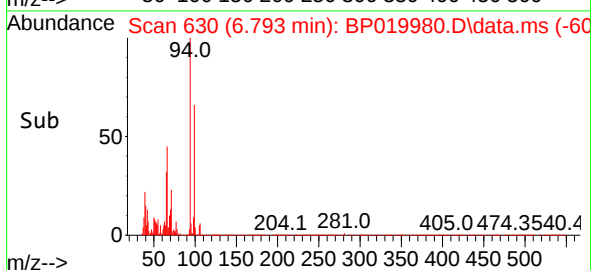
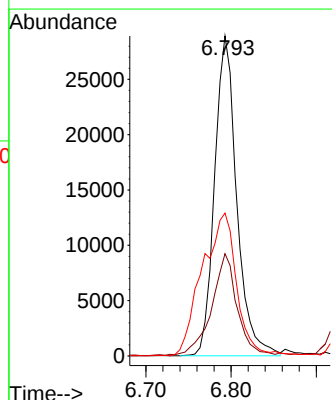
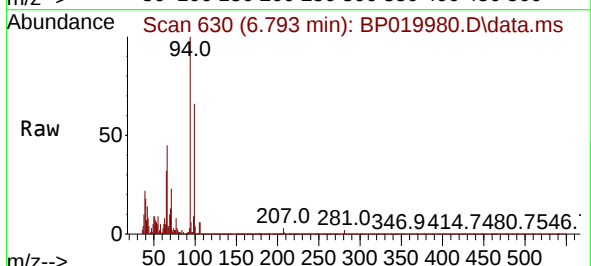
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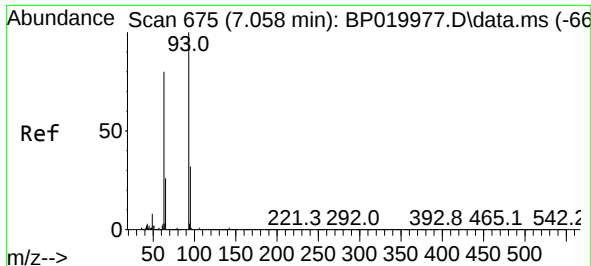
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#8
Phenol
Concen: 4.378 ng/ul
RT: 6.793 min Scan# 630
Delta R.T. -0.035 min
Lab File: BP019980.D
Acq: 25 Mar 2024 13:00

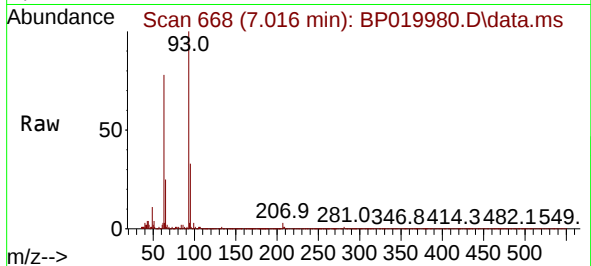
Tgt Ion: 94 Resp: 52186
Ion Ratio Lower Upper
94 100
65 32.0 23.8 35.8
66 44.7 33.2 49.8





#10
Bis(2-Chloroethyl)ether
Concen: 4.459 ng/ul
RT: 7.016 min Scan# 60
Delta R.T. -0.041 min
Lab File: BP019980.D
Acq: 25 Mar 2024 13:00

Instrument :
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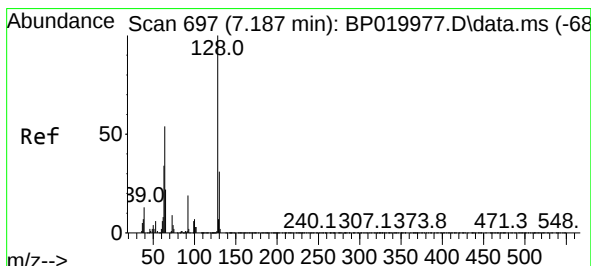
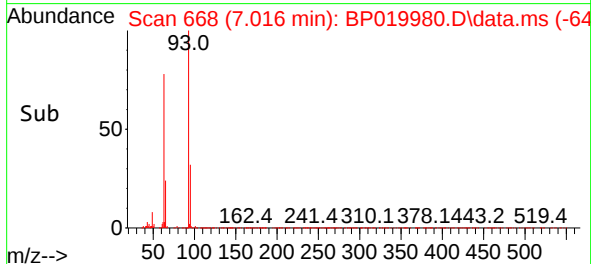
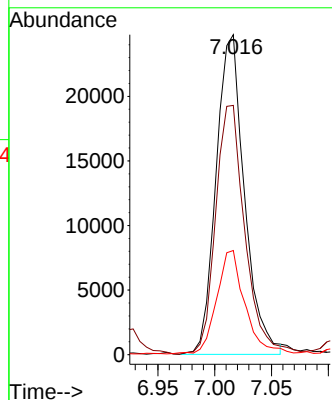


Tgt Ion: 93 Resp: 43039
Ion Ratio Lower Upper
93 100
63 77.9 63.5 95.3
95 32.6 24.9 37.3

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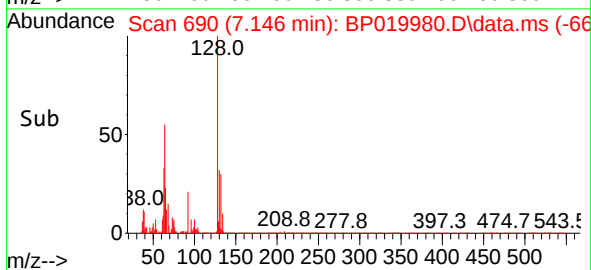
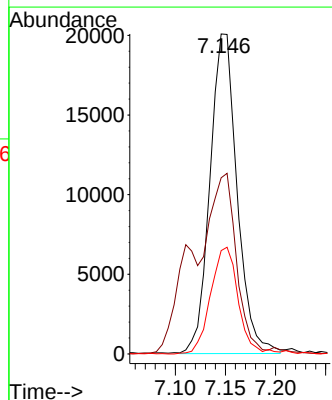
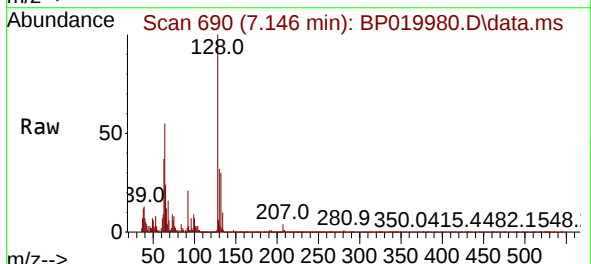
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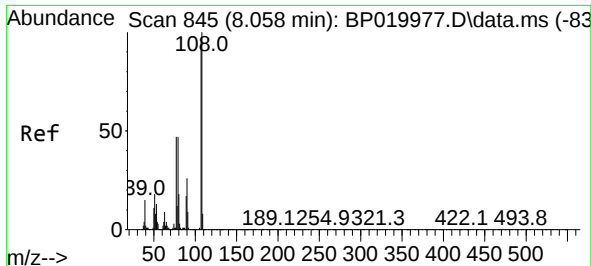
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#12
2-Chlorophenol
Concen: 4.388 ng/ul
RT: 7.146 min Scan# 690
Delta R.T. -0.041 min
Lab File: BP019980.D
Acq: 25 Mar 2024 13:00

Tgt Ion:128 Resp: 37865
Ion Ratio Lower Upper
128 100
64 55.1 42.5 63.7
130 32.3 25.0 37.4





#13
2-Methylphenol
Concen: 4.295 ng/ul
RT: 8.016 min Scan# 845
Delta R.T. -0.041 min
Lab File: BP019980.D
Acq: 25 Mar 2024 13:00

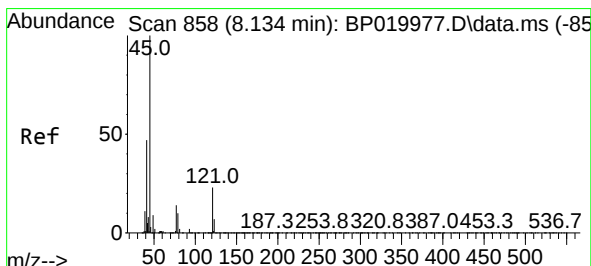
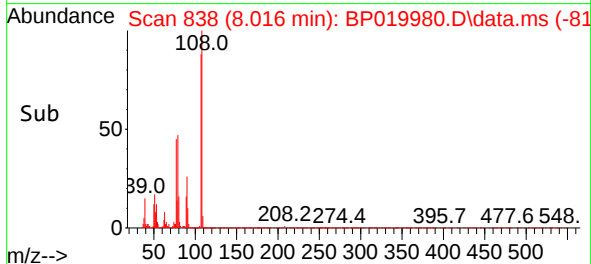
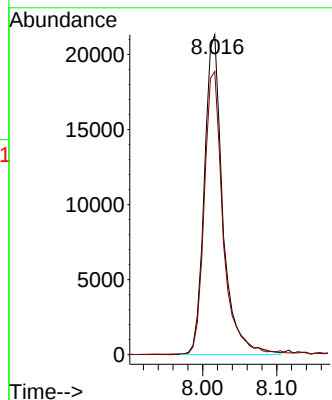
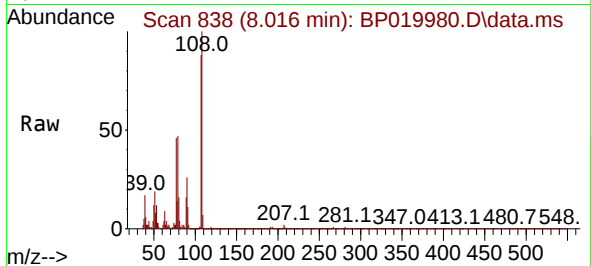
Instrument :
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Tgt Ion:108 Resp: 36899
Ion Ratio Lower Upper
108 100
107 88.5 72.3 108.5

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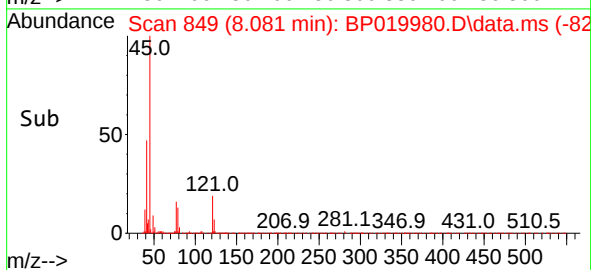
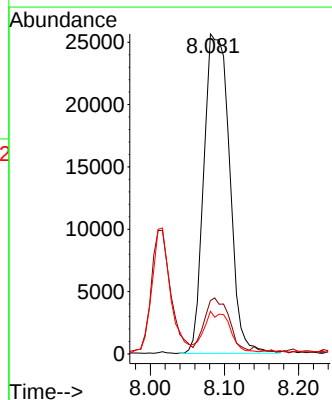
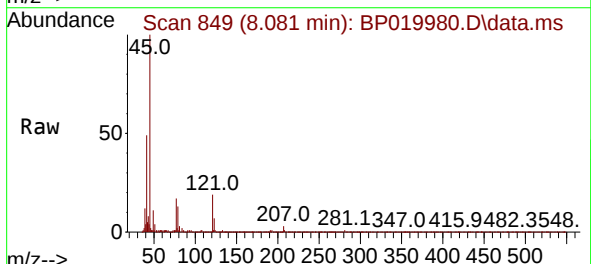
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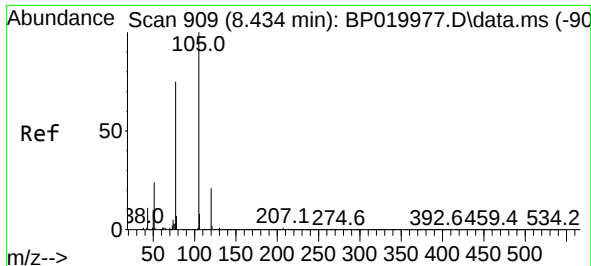
Supervised By :mohammad
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03/27/2024



#14
2,2'-oxybis(1-Chloropropane)
Concen: 4.639 ng/ul
RT: 8.081 min Scan# 849
Delta R.T. -0.053 min
Lab File: BP019980.D
Acq: 25 Mar 2024 13:00

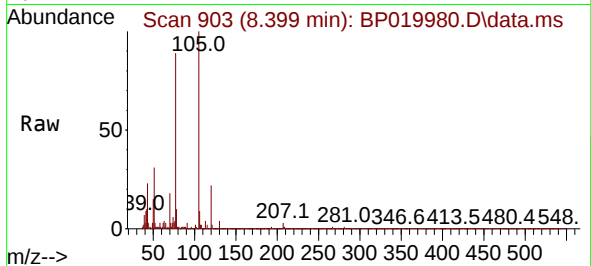
Tgt Ion: 45 Resp: 61578
Ion Ratio Lower Upper
45 100
77 16.7 12.3 18.5
79 13.4 9.4 14.0





#16
Acetophenone
Concen: 4.676 ng/ul
RT: 8.399 min Scan# 909
Delta R.T. -0.036 min
Lab File: BP019980.D
Acq: 25 Mar 2024 13:00

Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-QT1-2024-01

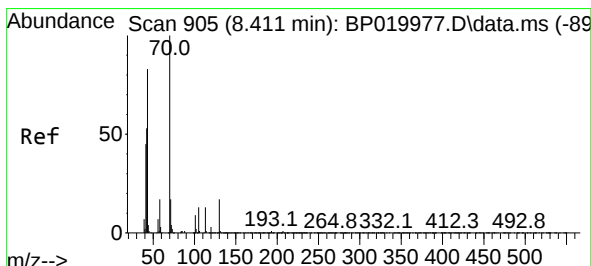
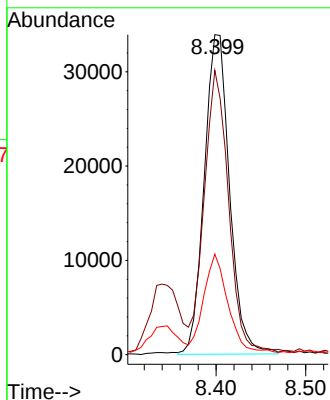
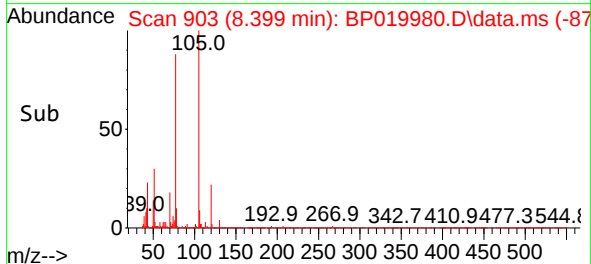


Tgt Ion: 105 Resp: 6653
Ion Ratio Lower Upper
105 100
77 88.8 67.8 101.6
51 31.4 21.8 32.8

Manual Integrations
APPROVED

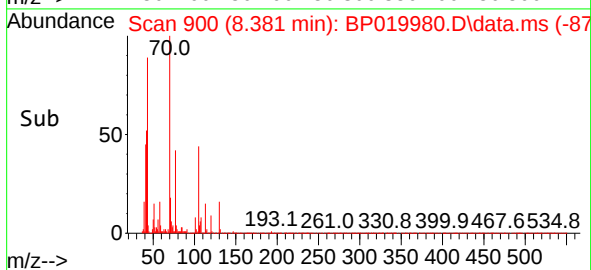
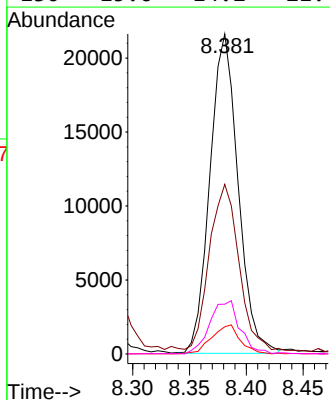
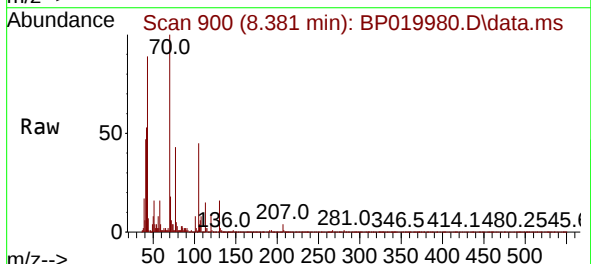
Reviewed By :Jagrut
Upadhyay
03/26/2024

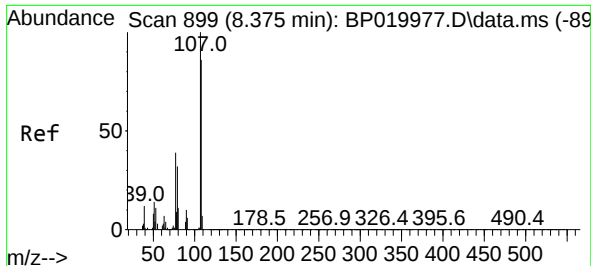
Supervised By :mohammad
ahmed
03/27/2024



#17
N-Nitroso-di-n-propylamine
Concen: 4.703 ng/ul
RT: 8.381 min Scan# 900
Delta R.T. -0.030 min
Lab File: BP019980.D
Acq: 25 Mar 2024 13:00

Tgt Ion: 70 Resp: 37322
Ion Ratio Lower Upper
70 100
42 53.0 43.1 64.7
101 8.5 7.7 11.5
130 15.6 14.2 21.4





#18
4-Methylphenol
Concen: 4.342 ng/ul
RT: 8.340 min Scan# 899
Delta R.T. -0.035 min
Lab File: BP019980.D
Acq: 25 Mar 2024 13:00

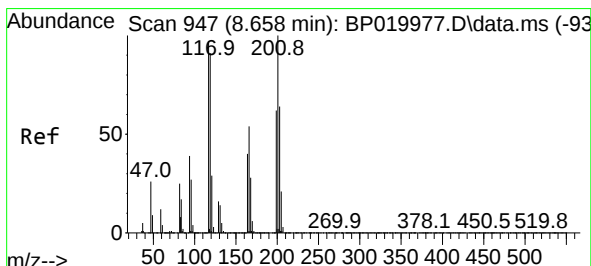
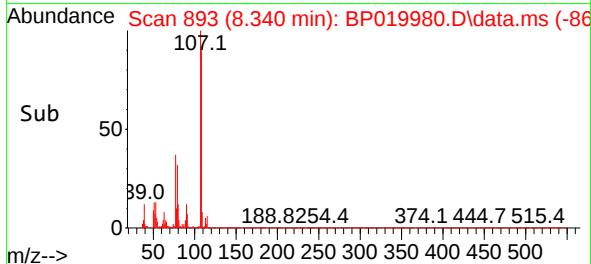
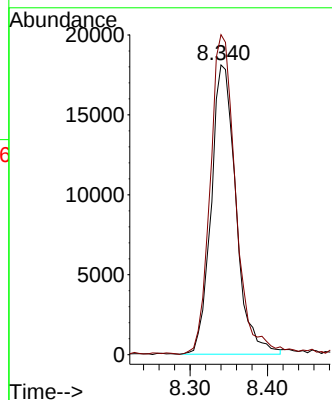
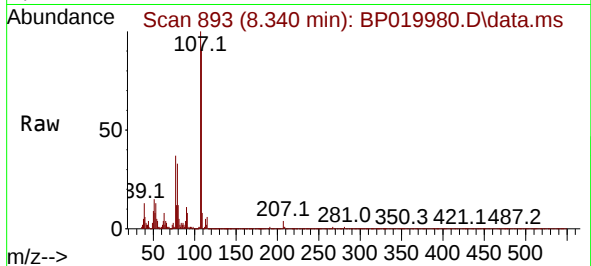
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-QT1-2024-01

Tgt Ion:108 Resp: 4015
Ion Ratio Lower Upper
108 100
107 110.5 91.3 136.9

Manual Integrations
APPROVED

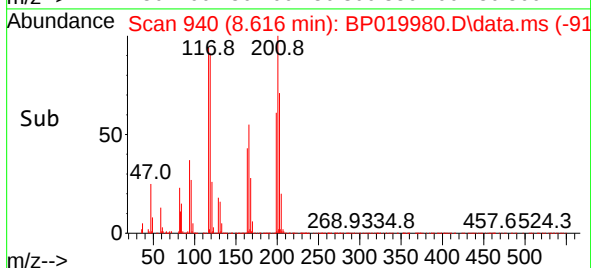
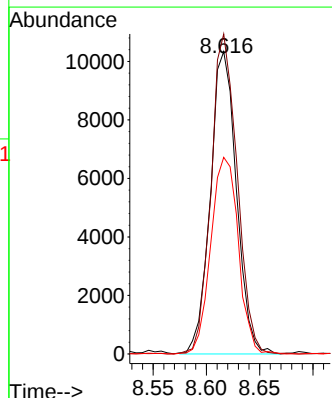
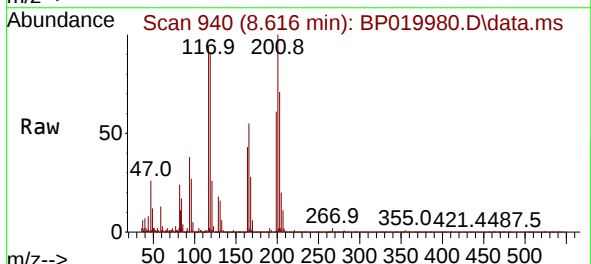
Reviewed By :Jagrut
Upadhyay
03/26/2024

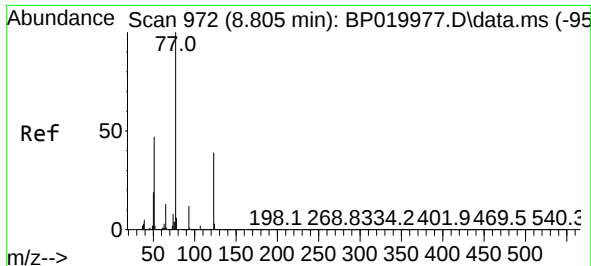
Supervised By :mohammad
ahmed
03/27/2024



#19
Hexachloroethane
Concen: 4.391 ng/ul
RT: 8.616 min Scan# 940
Delta R.T. -0.041 min
Lab File: BP019980.D
Acq: 25 Mar 2024 13:00

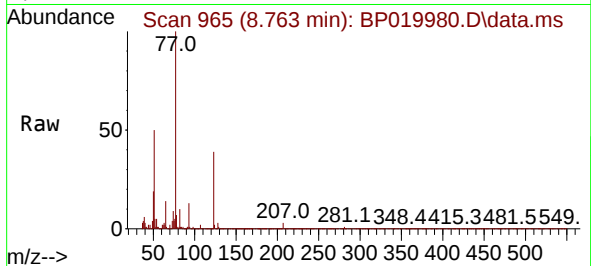
Tgt Ion:117 Resp: 17597
Ion Ratio Lower Upper
117 100
201 105.8 82.1 123.1
199 66.3 53.8 80.8





#22
Nitrobenzene
Concen: 4.366 ng/ul
RT: 8.763 min Scan# 90
Delta R.T. -0.041 min
Lab File: BP019980.D
Acq: 25 Mar 2024 13:00

Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-QT1-2024-01

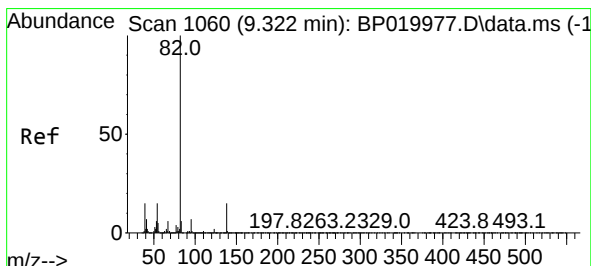
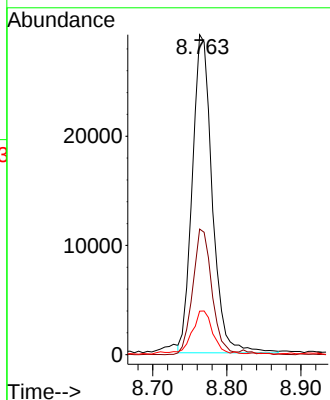
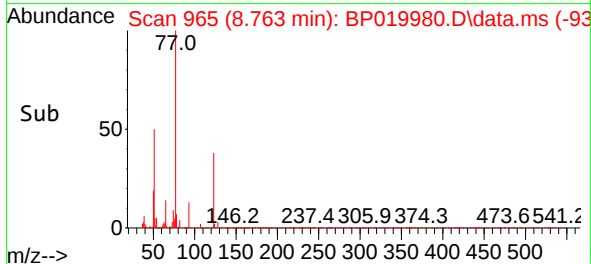


Tgt Ion: 77 Resp: 54408
Ion Ratio Lower Upper
77 100
123 39.3 30.6 46.0
65 13.6 11.4 17.0

Manual Integrations
APPROVED

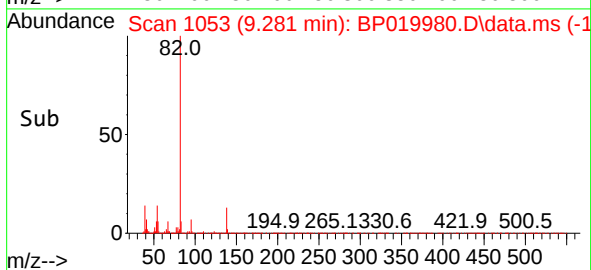
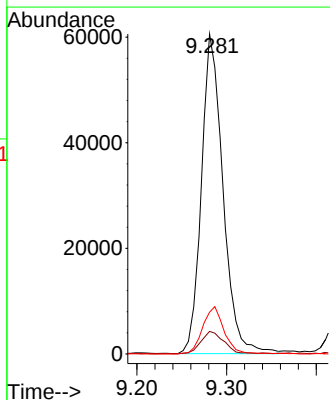
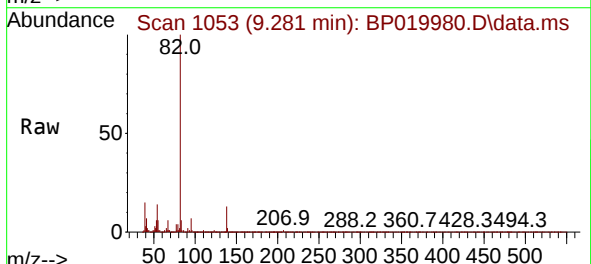
Reviewed By :Jagrut
Upadhyay
03/26/2024

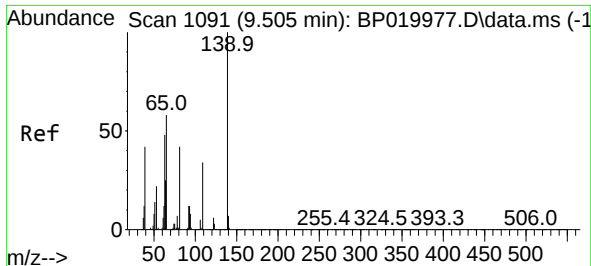
Supervised By :mohammad
ahmed
03/27/2024



#23
Isophorone
Concen: 4.352 ng/ul
RT: 9.281 min Scan# 1053
Delta R.T. -0.041 min
Lab File: BP019980.D
Acq: 25 Mar 2024 13:00

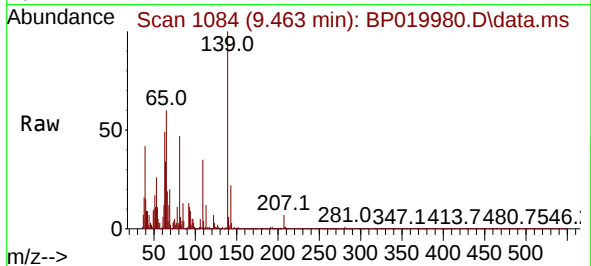
Tgt Ion: 82 Resp: 101107
Ion Ratio Lower Upper
82 100
95 7.1 5.6 8.4
138 13.1 12.1 18.1





#25
2-Nitrophenol
Concen: 4.134 ng/ul
RT: 9.463 min Scan# 1090
Delta R.T. -0.041 min
Lab File: BP019980.D
Acq: 25 Mar 2024 13:00

Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-QT1-2024-01

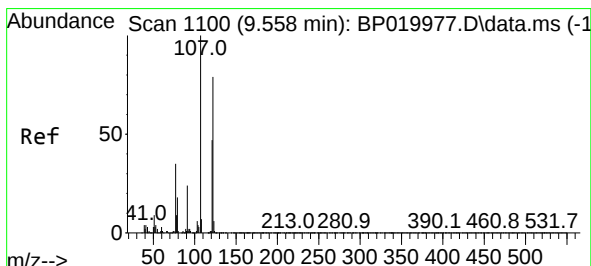
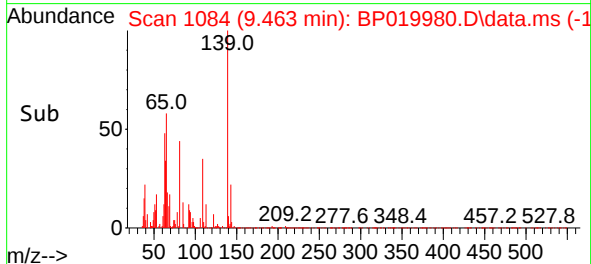
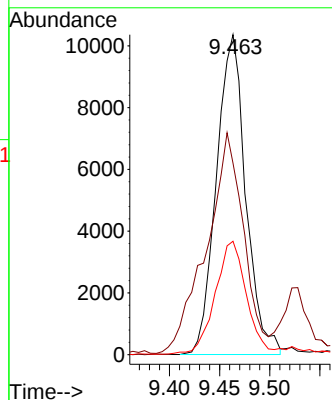


Tgt Ion:139 Resp: 21090
Ion Ratio Lower Upper
139 100
65 59.9 49.0 73.6
109 35.4 27.8 41.6

Manual Integrations
APPROVED

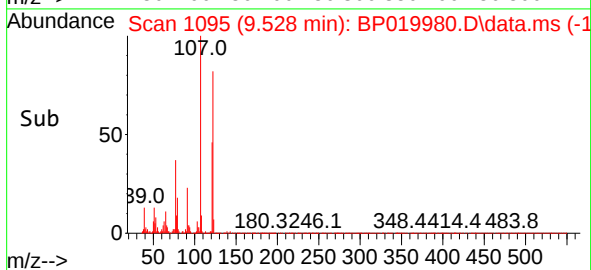
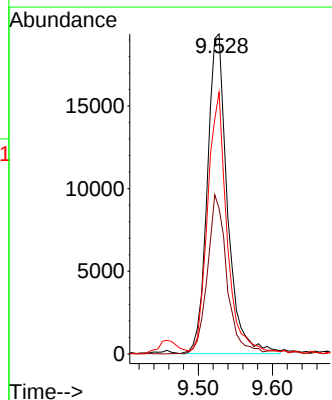
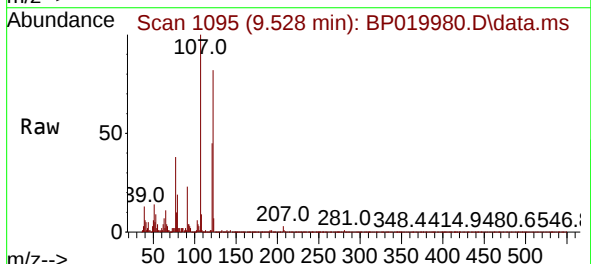
Reviewed By :Jagrut
Upadhyay
03/26/2024

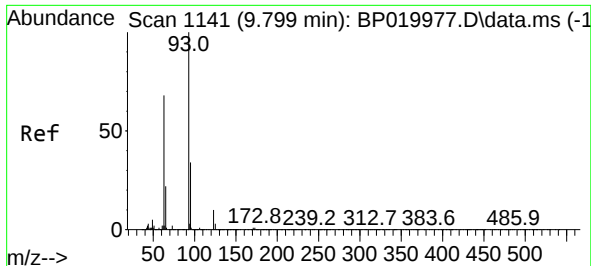
Supervised By :mohammad
ahmed
03/27/2024



#26
2,4-Dimethylphenol
Concen: 3.278 ng/ul
RT: 9.528 min Scan# 1095
Delta R.T. -0.030 min
Lab File: BP019980.D
Acq: 25 Mar 2024 13:00

Tgt Ion:107 Resp: 36519
Ion Ratio Lower Upper
107 100
121 45.5 37.4 56.2
122 81.8 63.3 94.9





#27

Bis(2-Chloroethoxy)methane

Concen: 4.239 ng/ul

RT: 9.757 min Scan# 1141

Delta R.T. -0.041 min

Lab File: BP019980.D

Acq: 25 Mar 2024 13:00

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-QT1-2024-01

Tgt Ion: 93	Resp: 5758
Ion Ratio	Lower Upper
93 100	
95 30.3	25.2 37.8
123 9.8	7.9 11.9

Manual Integrations

APPROVED

Reviewed By :Jagrut

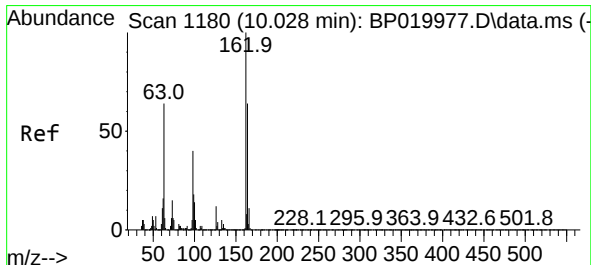
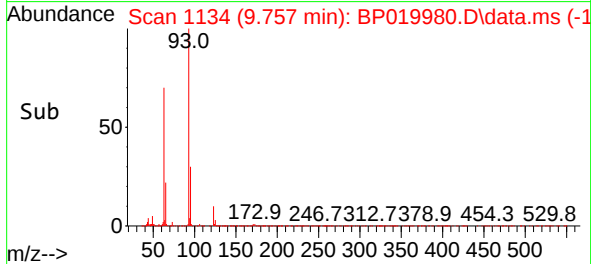
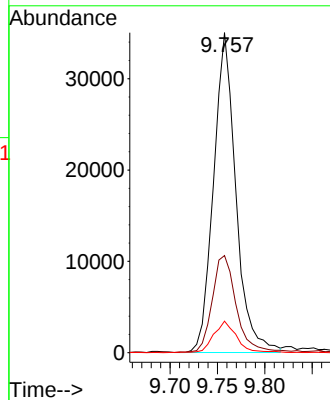
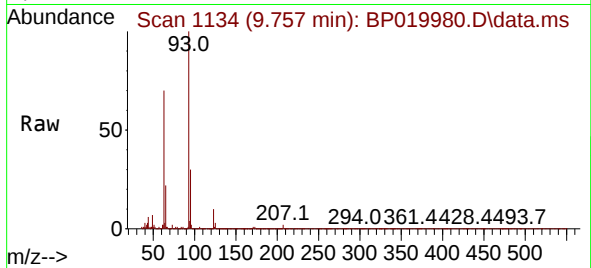
Upadhyay

03/26/2024

Supervised By :mohammad

ahmed

03/27/2024



#29

2,4-Dichlorophenol

Concen: 4.068 ng/ul

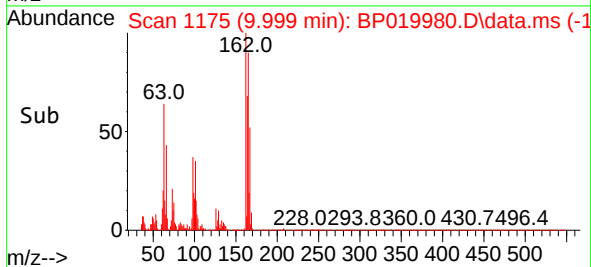
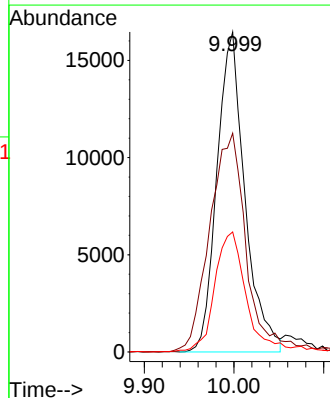
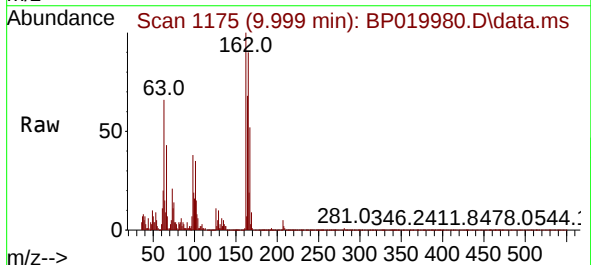
RT: 9.999 min Scan# 1175

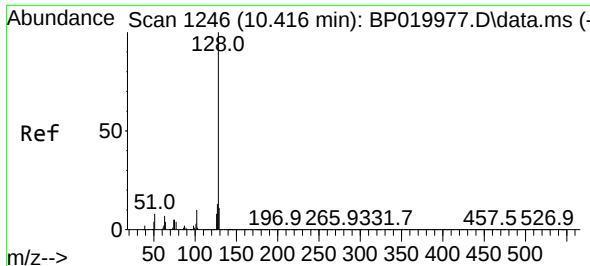
Delta R.T. -0.030 min

Lab File: BP019980.D

Acq: 25 Mar 2024 13:00

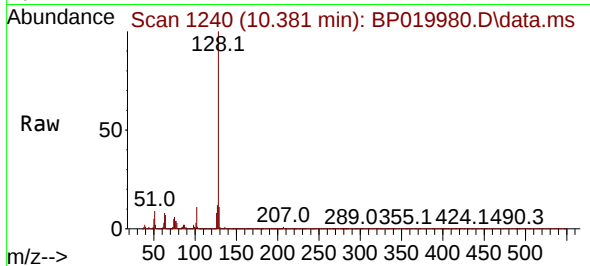
Tgt Ion:162	Resp: 35579
Ion Ratio	Lower Upper
162 100	
164 68.4	52.7 79.1
98 37.5	32.4 48.6





#30
Naphthalene
Concen: 4.323 ng/ul
RT: 10.381 min Scan# 1240
Delta R.T. -0.036 min
Lab File: BP019980.D
Acq: 25 Mar 2024 13:00

Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-QT1-2024-01

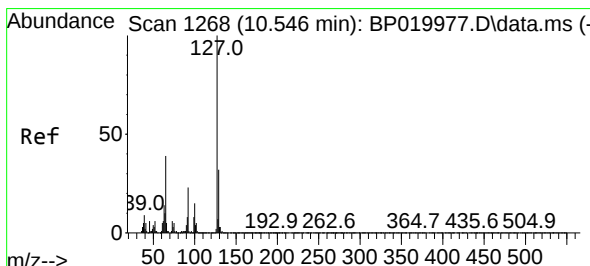
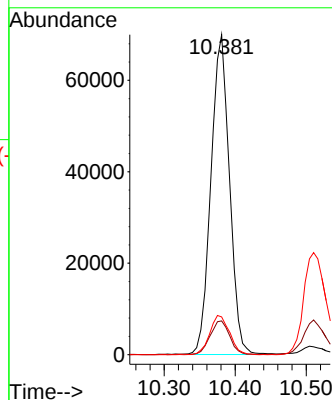
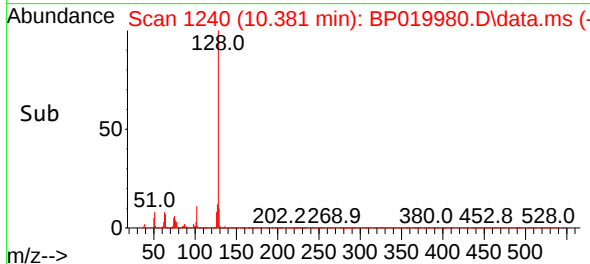


Tgt Ion:128 Resp: 126599
Ion Ratio Lower Upper
128 100
129 10.5 8.8 13.2
127 11.8 10.3 15.5

Manual Integrations
APPROVED

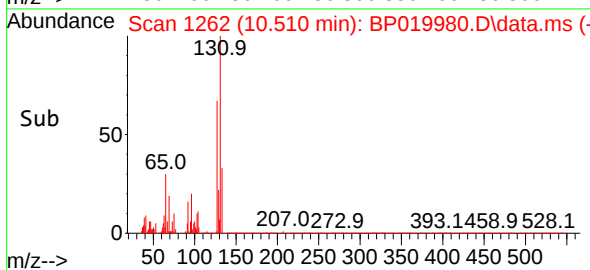
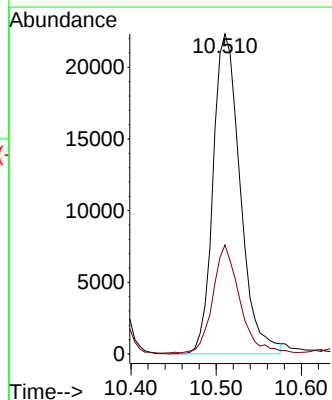
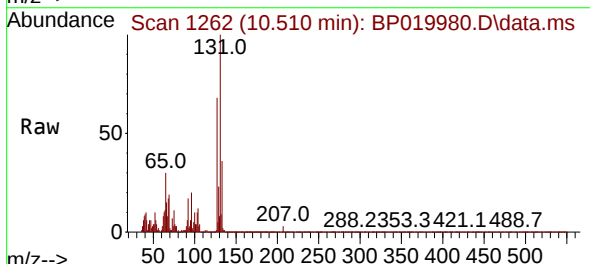
Reviewed By :Jagrut
Upadhyay
03/26/2024

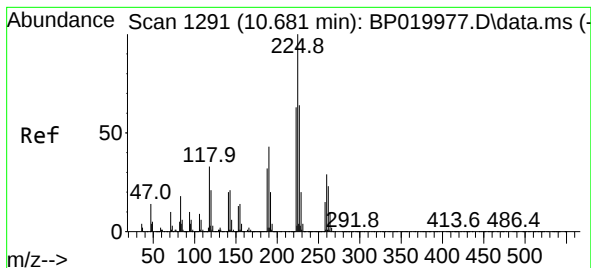
Supervised By :mohammad
ahmed
03/27/2024



#32
4-Chloroaniline
Concen: 4.318 ng/ul
RT: 10.510 min Scan# 1262
Delta R.T. -0.035 min
Lab File: BP019980.D
Acq: 25 Mar 2024 13:00

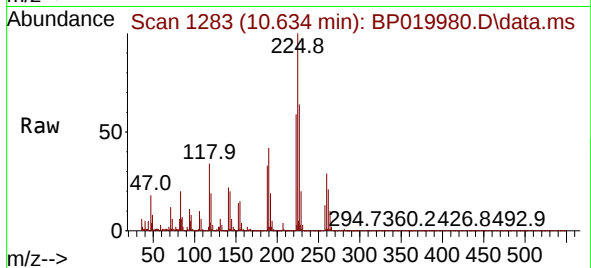
Tgt Ion:127 Resp: 49384
Ion Ratio Lower Upper
127 100
129 34.1 26.2 39.2





#33
Hexachlorobutadiene
Concen: 4.084 ng/ul
RT: 10.634 min Scan# 1283
Delta R.T. -0.047 min
Lab File: BP019980.D
Acq: 25 Mar 2024 13:00

Instrument : BNA_P
ClientSampleId : MDL-SOIL-QT1-2024-01

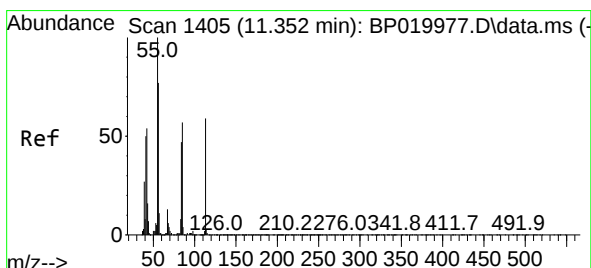
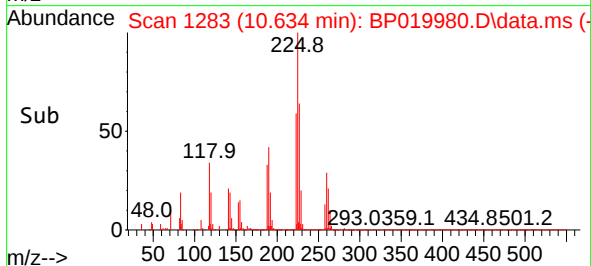
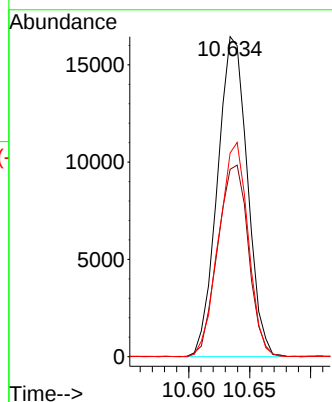


Tgt Ion: 225 Resp: 28150
Ion Ratio Lower Upper
225 100
223 61.2 50.5 75.7
227 63.7 50.3 75.5

Manual Integrations
APPROVED

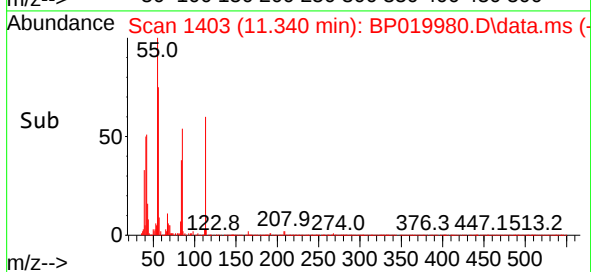
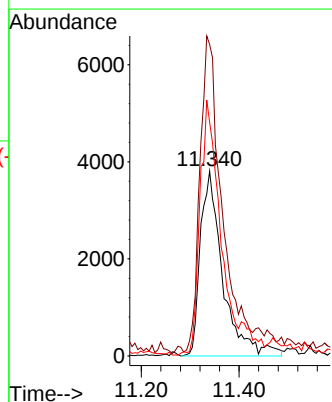
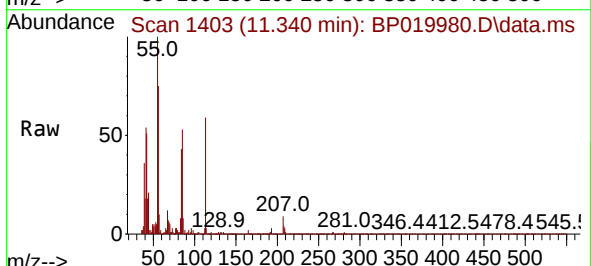
Reviewed By : Jagrut
Upadhyay
03/26/2024

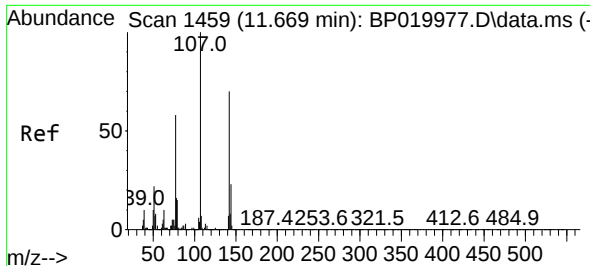
Supervised By : mohammad
ahmed
03/27/2024



#34
Caprolactam
Concen: 4.468 ng/ul m
RT: 11.340 min Scan# 1403
Delta R.T. -0.012 min
Lab File: BP019980.D
Acq: 25 Mar 2024 13:00

Tgt Ion: 113 Resp: 12145
Ion Ratio Lower Upper
113 100
55 168.6 149.5 224.3
56 126.4 114.6 172.0





#35
4-Chloro-3-methylphenol
Concen: 4.326 ng/ul
RT: 11.651 min Scan# 1459
Delta R.T. -0.018 min
Lab File: BP019980.D
Acq: 25 Mar 2024 13:00

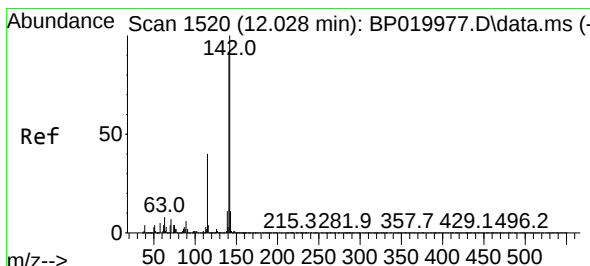
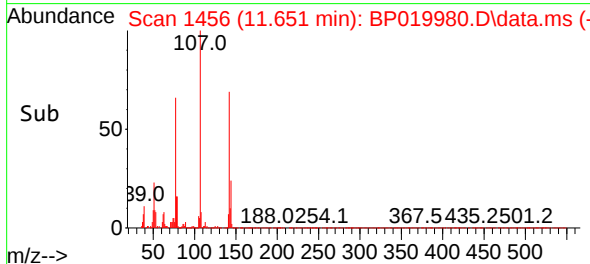
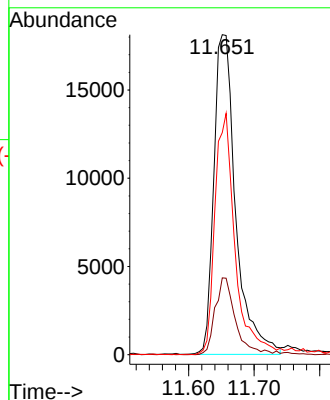
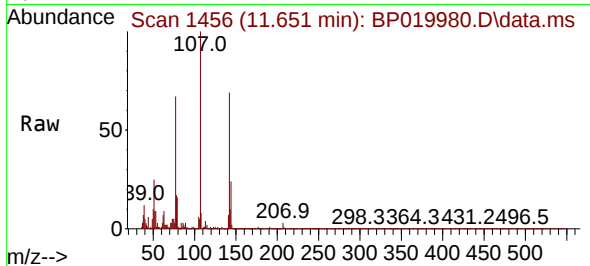
Instrument : BNA_P
ClientSampleId : MDL-SOIL-QT1-2024-01

Tgt Ion:107 Resp: 42029
Ion Ratio Lower Upper
107 100
144 24.0 19.0 28.4
142 69.4 57.8 86.6

Manual Integrations
APPROVED

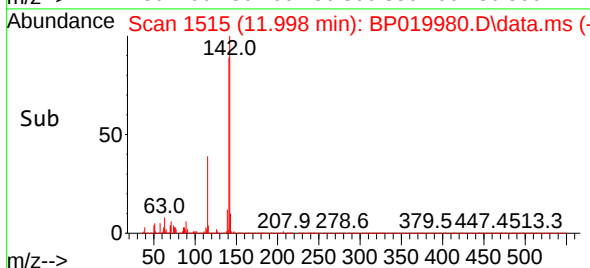
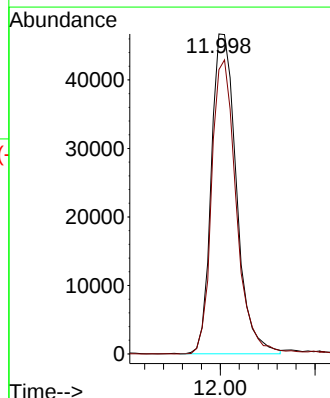
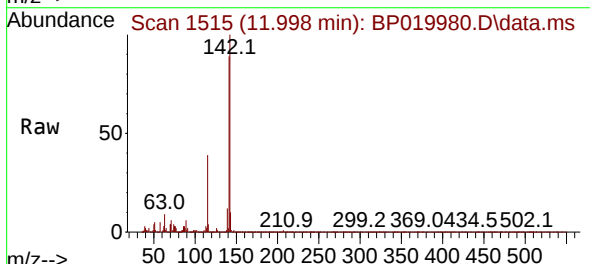
Reviewed By :Jagrut
Upadhyay
03/26/2024

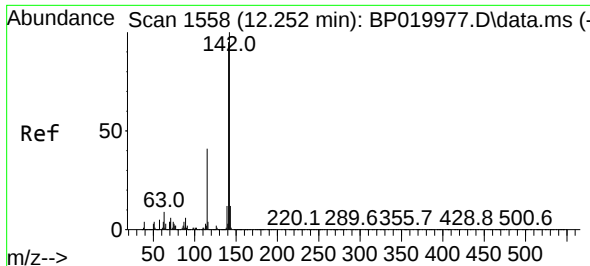
Supervised By :mohammad
ahmed
03/27/2024



#36
2-Methylnaphthalene
Concen: 4.398 ng/ul
RT: 11.998 min Scan# 1515
Delta R.T. -0.030 min
Lab File: BP019980.D
Acq: 25 Mar 2024 13:00

Tgt Ion:142 Resp: 85757
Ion Ratio Lower Upper
142 100
141 88.8 71.8 107.8





#37
1-Methylnaphthalene
Concen: 4.486 ng/ul
RT: 12.234 min Scan# 1558
Delta R.T. -0.018 min
Lab File: BP019980.D
Acq: 25 Mar 2024 13:00

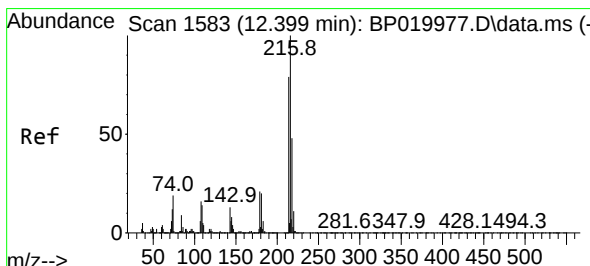
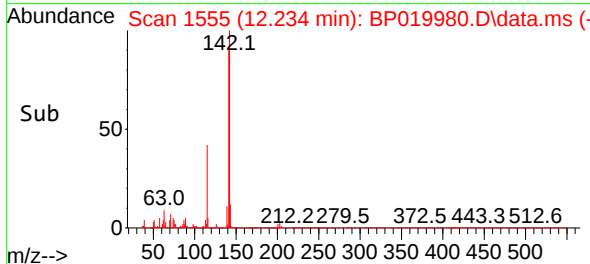
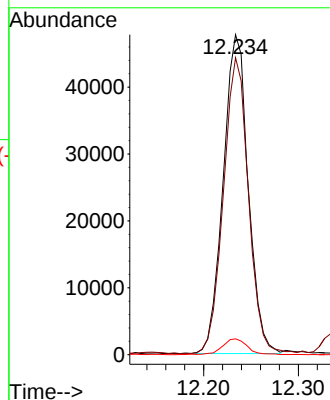
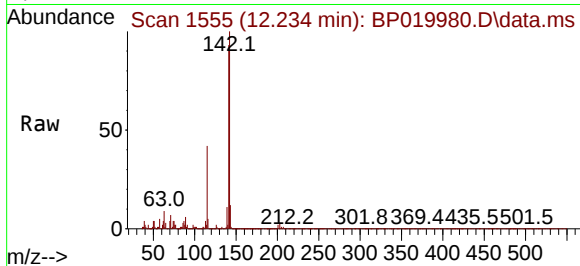
Instrument : BNA_P
ClientSampleId : MDL-SOIL-QT1-2024-01

Tgt Ion:142 Resp: 87469
Ion Ratio Lower Upper
142 100
141 92.8 73.2 109.8
116 5.0 3.4 5.0

Manual Integrations
APPROVED

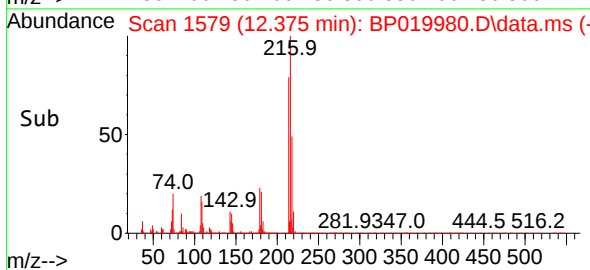
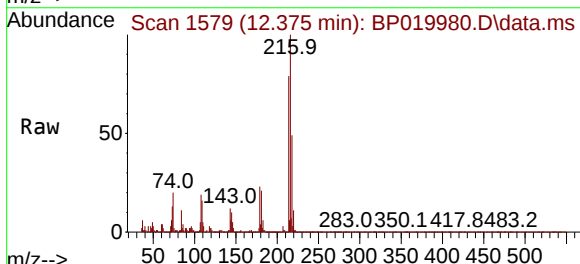
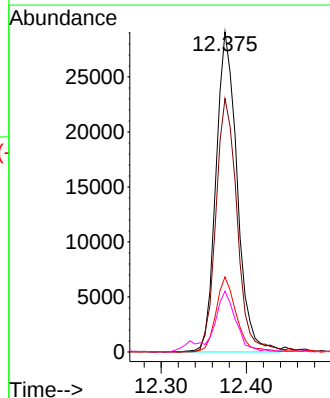
Reviewed By :Jagrut
Upadhyay
03/26/2024

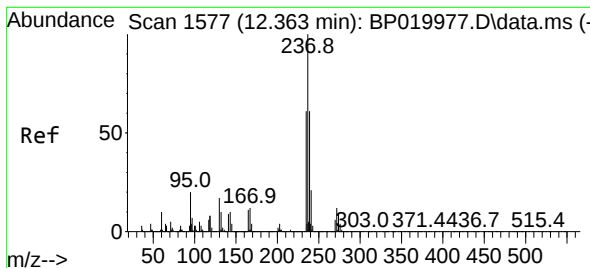
Supervised By :mohammad
ahmed
03/27/2024



#39
1,2,4,5-Tetrachlorobenzene
Concen: 4.092 ng/ul
RT: 12.375 min Scan# 1579
Delta R.T. -0.024 min
Lab File: BP019980.D
Acq: 25 Mar 2024 13:00

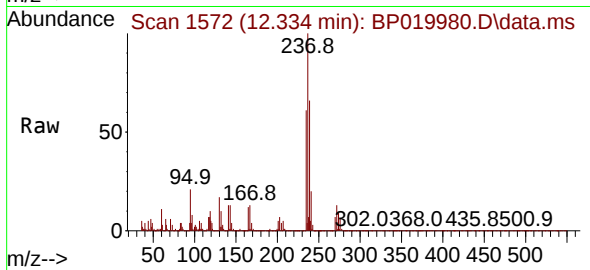
Tgt Ion:216 Resp: 50192
Ion Ratio Lower Upper
216 100
214 79.2 62.1 93.1
179 23.5 16.6 24.8
108 19.0 13.2 19.8





#40
Hexachlorocyclopentadiene
Concen: 5.293 ng/ul
RT: 12.334 min Scan# 1577
Delta R.T. -0.030 min
Lab File: BP019980.D
Acq: 25 Mar 2024 13:00

Instrument : BNA_P
ClientSampleId : MDL-SOIL-QT1-2024-01

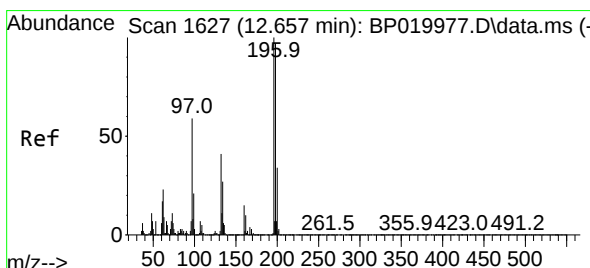
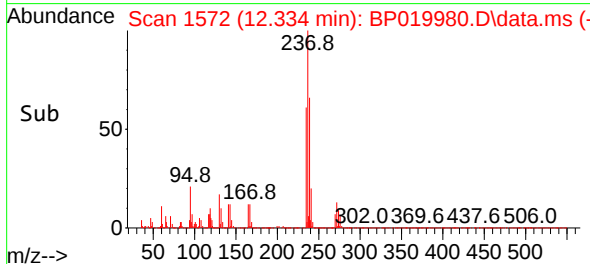
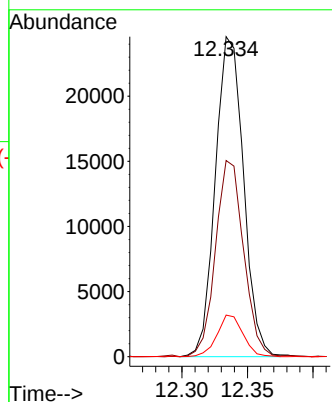


Tgt Ion:237 Resp: 36739
Ion Ratio Lower Upper
237 100
235 61.3 49.7 74.5
272 13.0 9.4 14.2

Manual Integrations
APPROVED

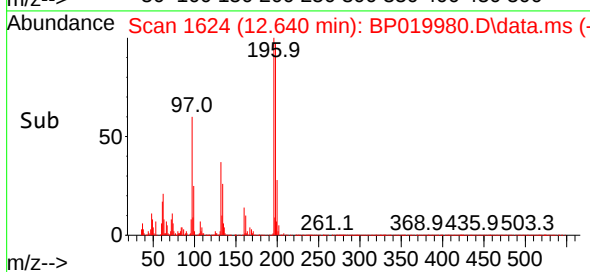
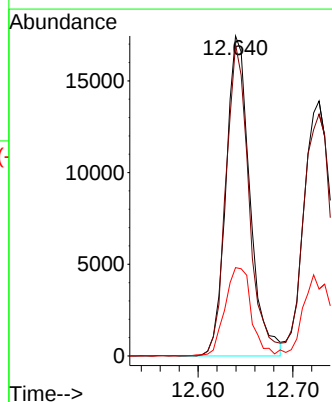
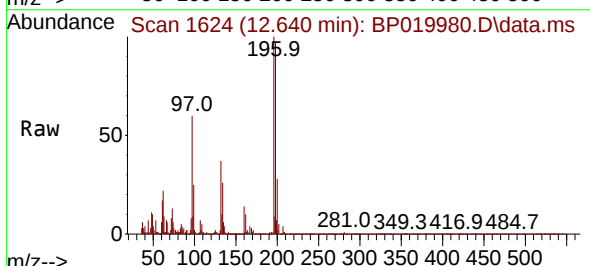
Reviewed By :Jagrut
Upadhyay
03/26/2024

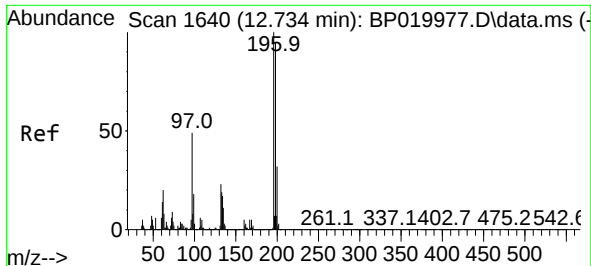
Supervised By :mohammad
ahmed
03/27/2024



#41
2,4,6-Trichlorophenol
Concen: 4.061 ng/ul
RT: 12.640 min Scan# 1624
Delta R.T. -0.018 min
Lab File: BP019980.D
Acq: 25 Mar 2024 13:00

Tgt Ion:196 Resp: 30601
Ion Ratio Lower Upper
196 100
198 97.4 75.8 113.8
200 27.6 25.0 37.4





#42

2,4,5-Trichlorophenol

Concen: 3.926 ng/ul m

RT: 12.728 min Scan# 1639

Delta R.T. -0.006 min

Lab File: BP019980.D

Acq: 25 Mar 2024 13:00

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-QT1-2024-01

Tgt Ion:	196	Resp:	3060
Ion Ratio	Lower	Upper	
196	100		
198	94.9	77.3	115.9
200	26.2	25.1	37.7

Manual Integrations

APPROVED

Reviewed By :Jagrut

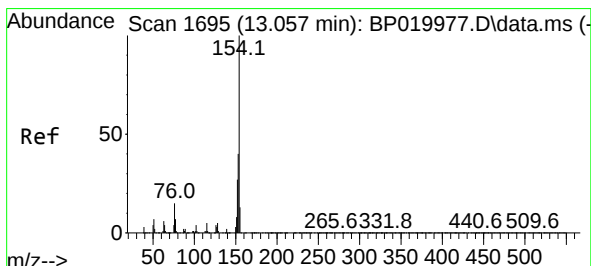
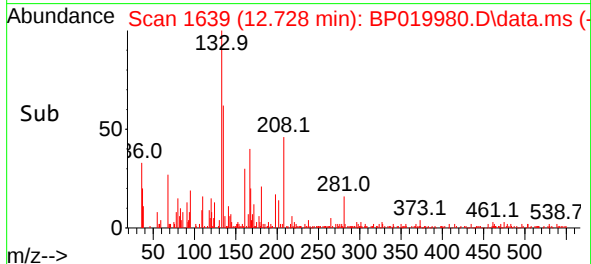
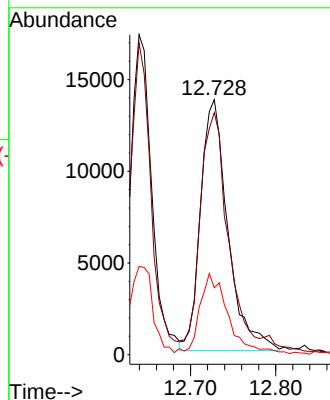
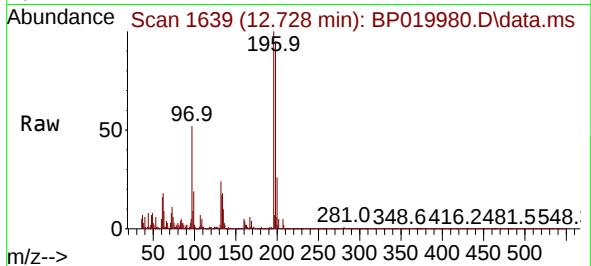
Upadhyay

03/26/2024

Supervised By :mohammad

ahmed

03/27/2024



#43

1,1'-Biphenyl

Concen: 4.245 ng/ul

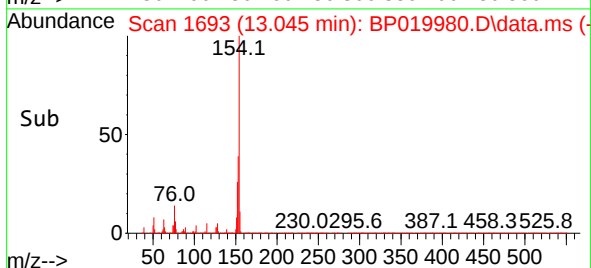
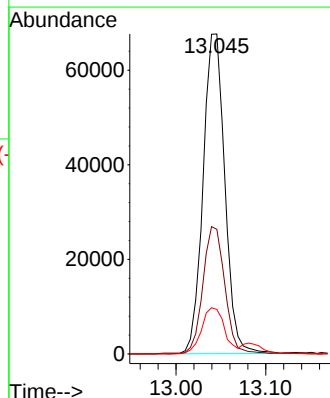
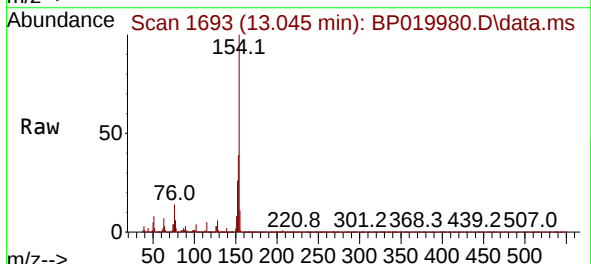
RT: 13.045 min Scan# 1693

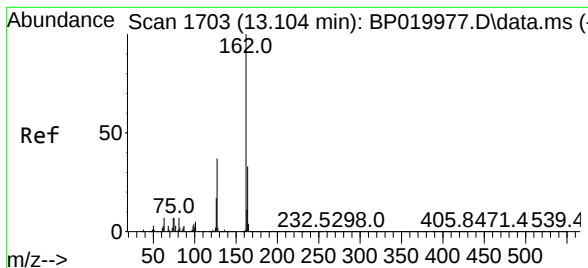
Delta R.T. -0.012 min

Lab File: BP019980.D

Acq: 25 Mar 2024 13:00

Tgt Ion:	154	Resp:	114053
Ion Ratio	Lower	Upper	
154	100		
153	38.9	31.6	47.4
76	13.9	11.4	17.0





#44
2-Chloronaphthalene
Concen: 4.267 ng/ul
RT: 13.087 min Scan# 1739
Delta R.T. -0.018 min
Lab File: BP019980.D
Acq: 25 Mar 2024 13:00

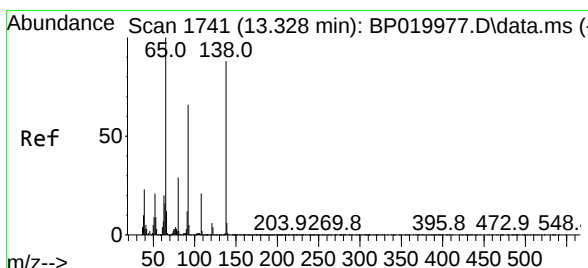
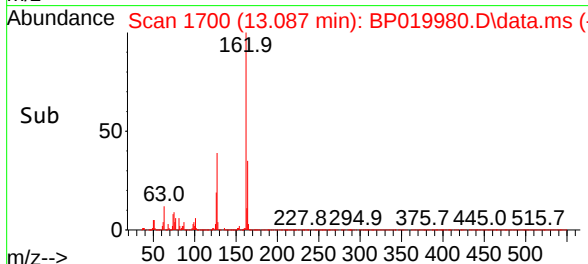
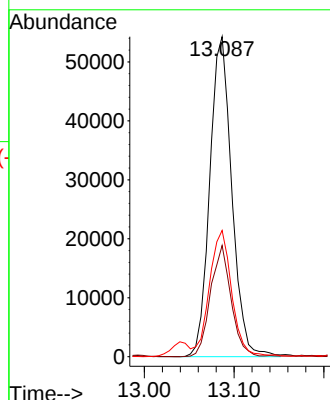
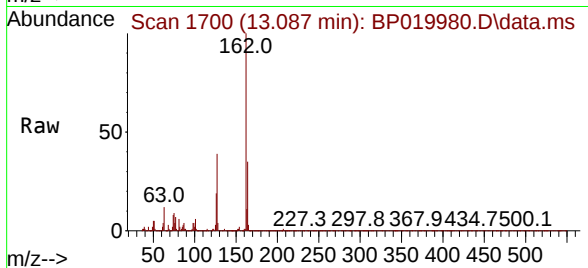
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-QT1-2024-01

Tgt Ion:162 Resp: 92454
Ion Ratio Lower Upper
162 100
164 34.7 25.8 38.8
127 39.5 31.4 47.0

Manual Integrations
APPROVED

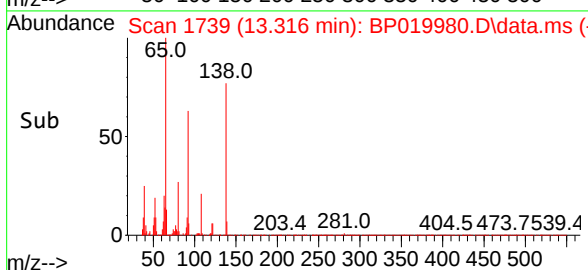
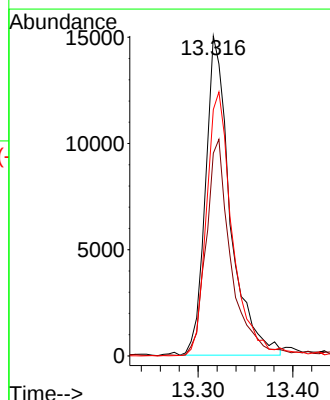
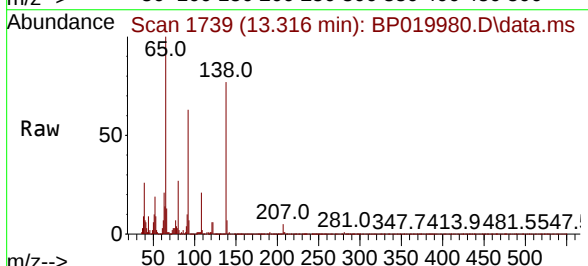
Reviewed By :Jagrut
Upadhyay
03/26/2024

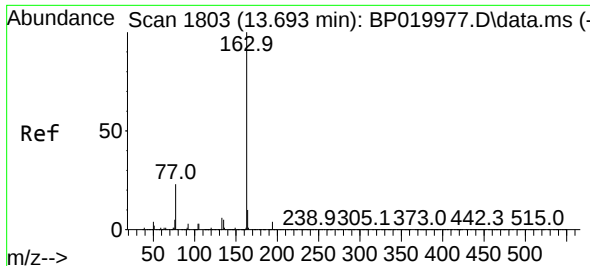
Supervised By :mohammad
ahmed
03/27/2024



#45
2-Nitroaniline
Concen: 3.999 ng/ul
RT: 13.316 min Scan# 1739
Delta R.T. -0.012 min
Lab File: BP019980.D
Acq: 25 Mar 2024 13:00

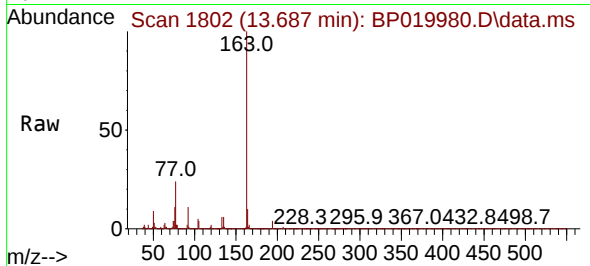
Tgt Ion: 65 Resp: 27290
Ion Ratio Lower Upper
65 100
92 63.4 51.8 77.6
138 77.0 70.6 106.0





#47
Dimethylphthalate
Concen: 4.334 ng/ul
RT: 13.687 min Scan# 1802
Delta R.T. -0.006 min
Lab File: BP019980.D
Acq: 25 Mar 2024 13:00

Instrument : BNA_P
ClientSampleId : MDL-SOIL-QT1-2024-01

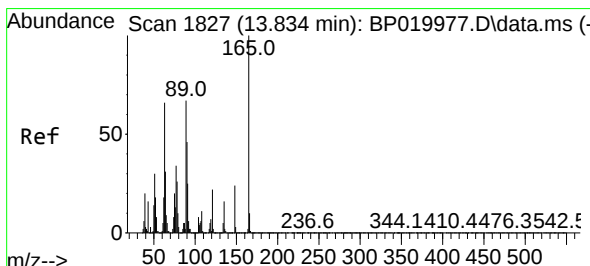
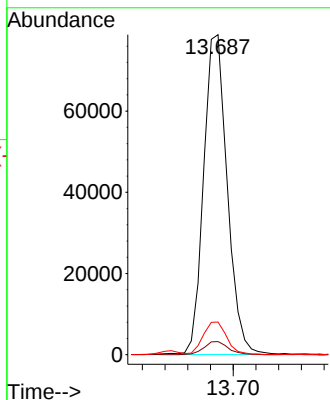
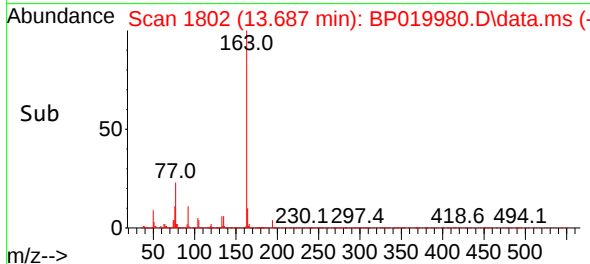


Tgt Ion:163 Resp: 11378
Ion Ratio Lower Upper
163 100
194 4.1 3.3 4.9
164 10.2 8.0 12.0

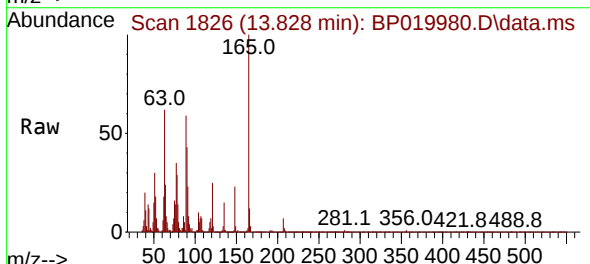
Manual Integrations
APPROVED

Reviewed By :Jagrut
Upadhyay
03/26/2024

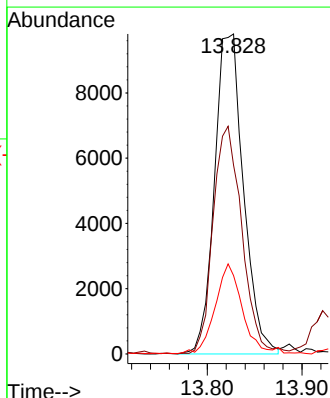
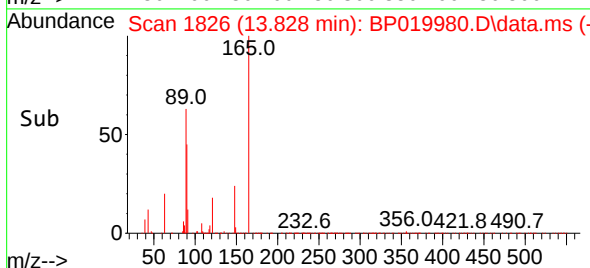
Supervised By :mohammad
ahmed
03/27/2024

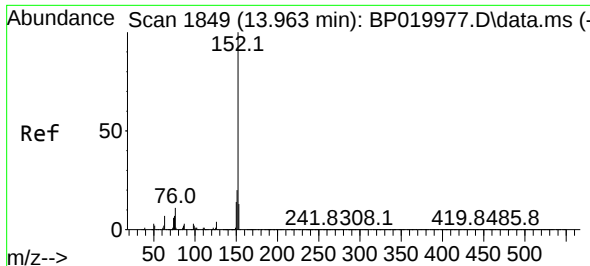


#48
2,6-Dinitrotoluene
Concen: 3.912 ng/ul
RT: 13.828 min Scan# 1826
Delta R.T. -0.006 min
Lab File: BP019980.D
Acq: 25 Mar 2024 13:00



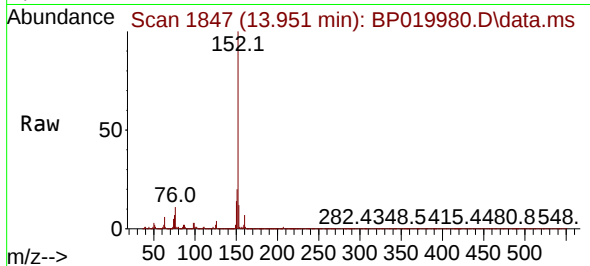
Tgt Ion:165 Resp: 20854
Ion Ratio Lower Upper
165 100
89 59.0 54.3 81.5
121 24.5 19.0 28.4





#50
Acenaphthylene
Concen: 4.290 ng/ul
RT: 13.951 min Scan# 1847
Delta R.T. -0.012 min
Lab File: BP019980.D
Acq: 25 Mar 2024 13:00

Instrument : BNA_P
ClientSampleId : MDL-SOIL-QT1-2024-01

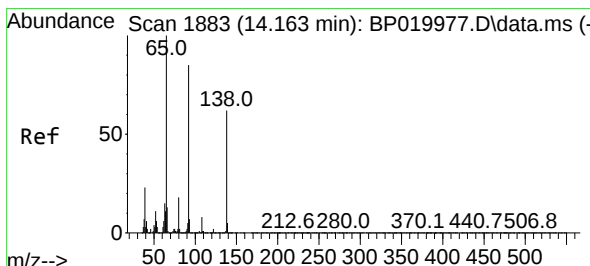
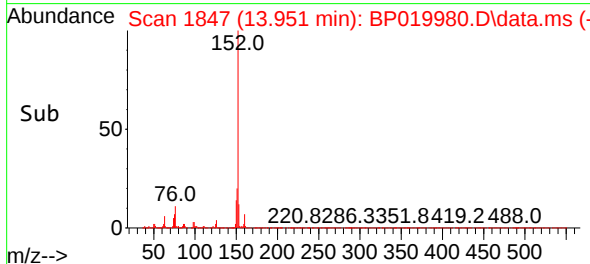
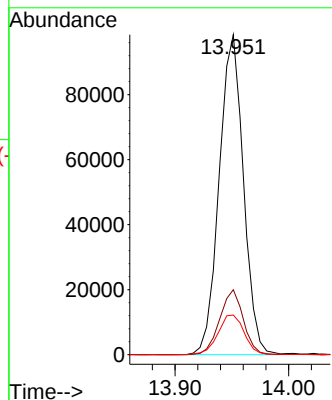


Tgt Ion:152 Resp: 14578
Ion Ratio Lower Upper
152 100
151 20.3 15.8 23.6
153 12.4 10.9 16.3

Manual Integrations
APPROVED

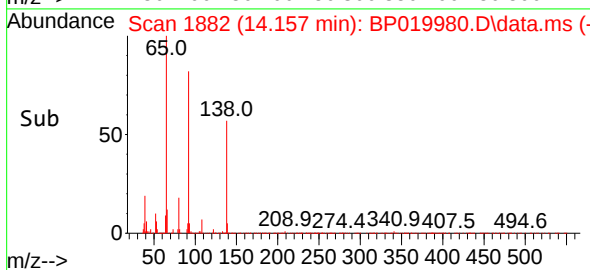
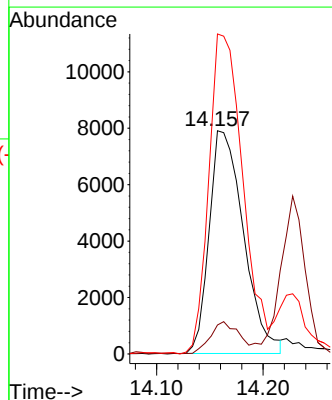
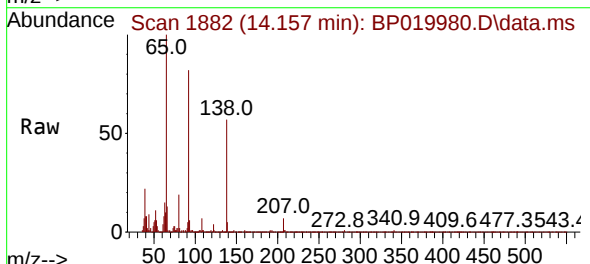
Reviewed By :Jagrut
Upadhyay
03/26/2024

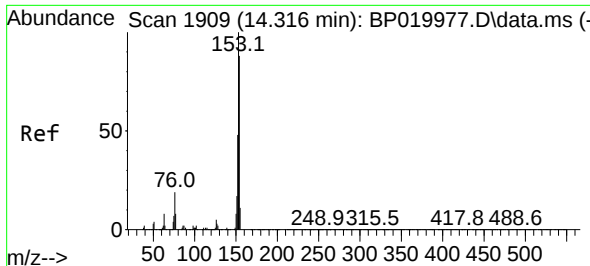
Supervised By :mohammad
ahmed
03/27/2024



#51
3-Nitroaniline
Concen: 3.605 ng/ul
RT: 14.157 min Scan# 1882
Delta R.T. -0.006 min
Lab File: BP019980.D
Acq: 25 Mar 2024 13:00

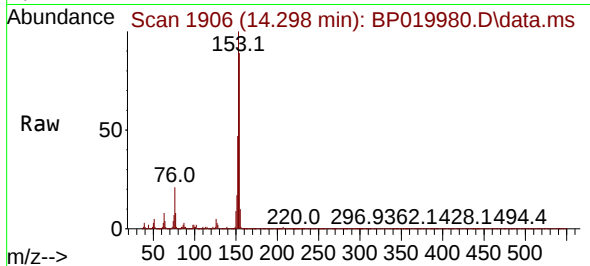
Tgt Ion:138 Resp: 17695
Ion Ratio Lower Upper
138 100
108 13.0 10.5 15.7
92 143.4 103.4 155.0





#52
Acenaphthene
Concen: 4.291 ng/ul
RT: 14.298 min Scan# 1906
Delta R.T. -0.018 min
Lab File: BP019980.D
Acq: 25 Mar 2024 13:00

Instrument : BNA_P
ClientSampleId : MDL-SOIL-QT1-2024-01

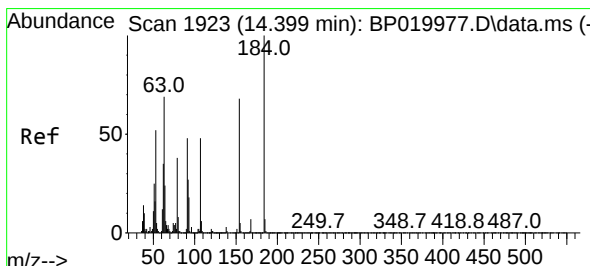
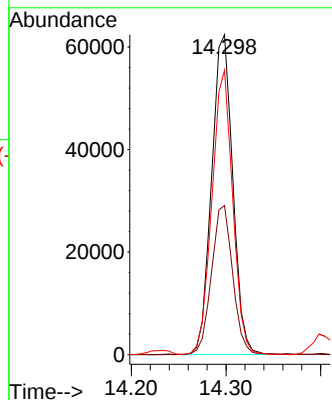
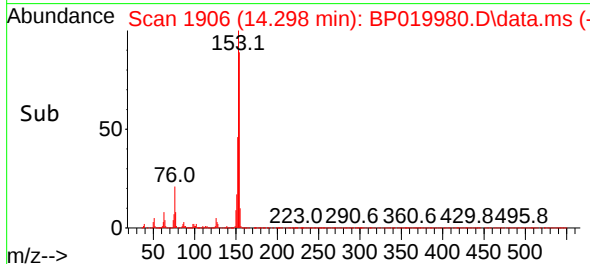


Tgt Ion:153 Resp: 9686
Ion Ratio Lower Upper
153 100
152 46.6 37.9 56.9
154 88.9 70.8 106.2

Manual Integrations
APPROVED

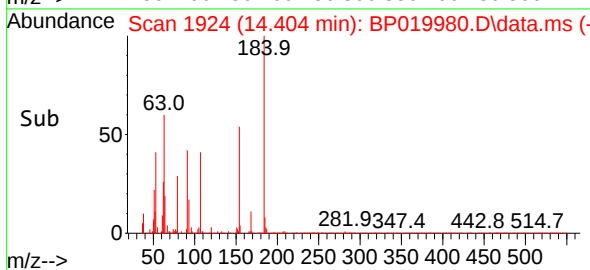
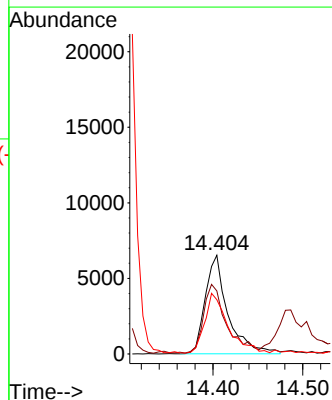
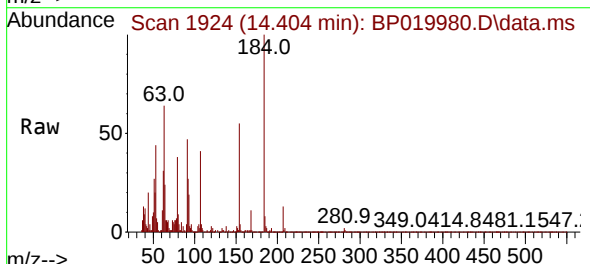
Reviewed By :Jagrut
Upadhyay
03/26/2024

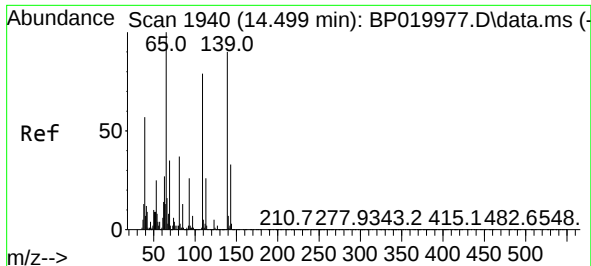
Supervised By :mohammad
ahmed
03/27/2024



#53
2,4-Dinitrophenol
Concen: 3.770 ng/ul
RT: 14.404 min Scan# 1924
Delta R.T. 0.006 min
Lab File: BP019980.D
Acq: 25 Mar 2024 13:00

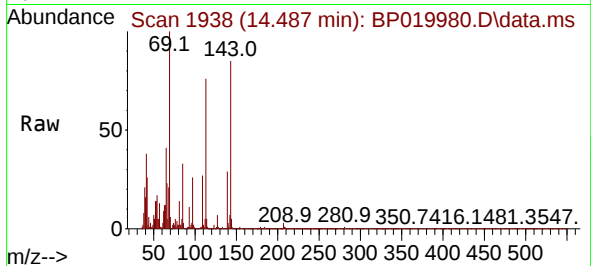
Tgt Ion:184 Resp: 11436
Ion Ratio Lower Upper
184 100
63 63.8 60.8 91.2
154 54.9 55.6 83.4#





#55
4-Nitrophenol
Concen: 3.844 ng/ul
RT: 14.487 min Scan# 1938
Delta R.T. -0.012 min
Lab File: BP019980.D
Acq: 25 Mar 2024 13:00

Instrument : BNA_P
ClientSampleId : MDL-SOIL-QT1-2024-01

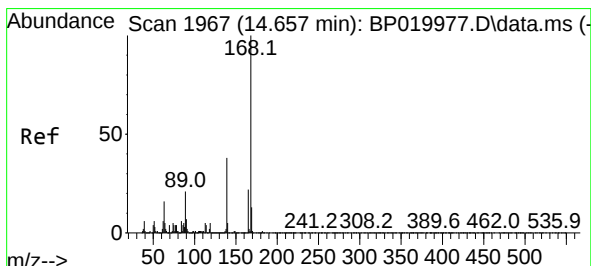
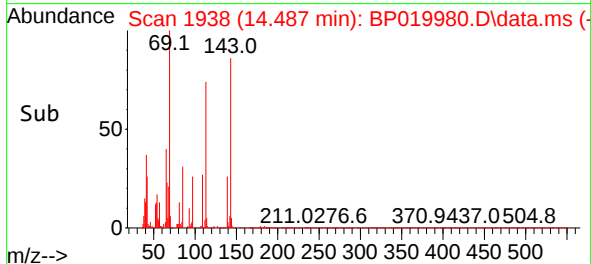
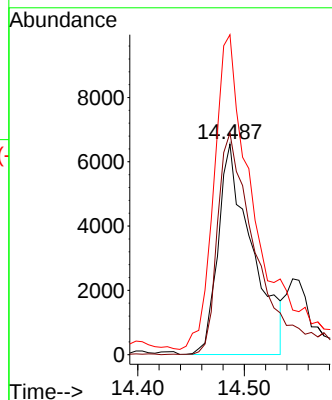


Tgt Ion:109 Resp: 14424
Ion Ratio Lower Upper
109 100
139 105.3 93.3 139.9
65 152.0 109.9 164.9

Manual Integrations
APPROVED

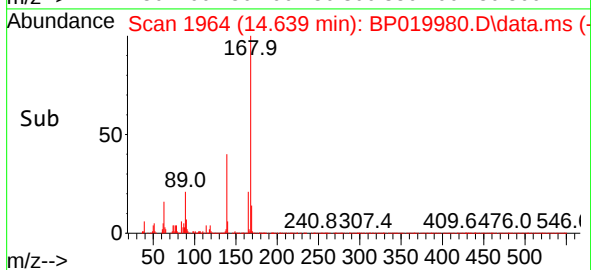
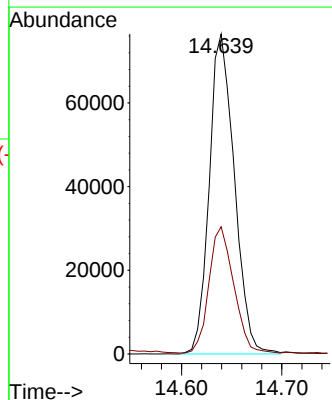
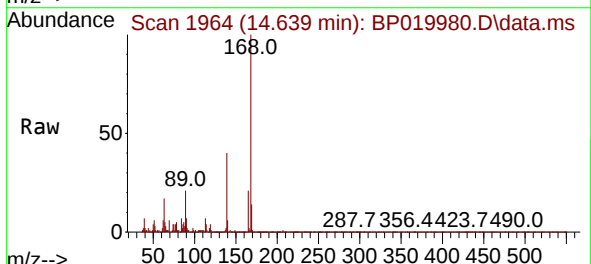
Reviewed By :Jagrut
Upadhyay
03/26/2024

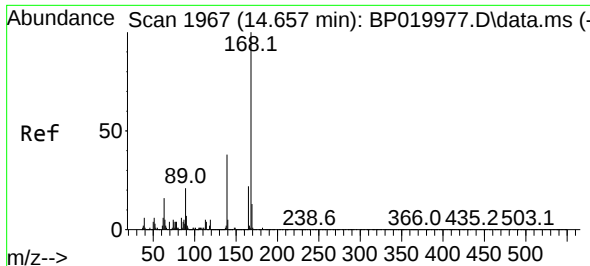
Supervised By :mohammad
ahmed
03/27/2024



#56
Dibenzofuran
Concen: 4.335 ng/ul
RT: 14.639 min Scan# 1964
Delta R.T. -0.018 min
Lab File: BP019980.D
Acq: 25 Mar 2024 13:00

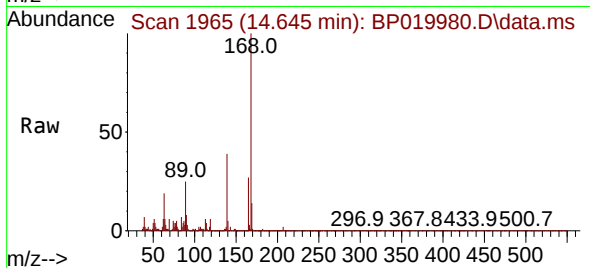
Tgt Ion:168 Resp: 132884
Ion Ratio Lower Upper
168 100
139 39.7 29.8 44.8





#57
2,4-Dinitrotoluene
Concen: 4.144 ng/ul
RT: 14.645 min Scan# 1965
Delta R.T. -0.012 min
Lab File: BP019980.D
Acq: 25 Mar 2024 13:00

Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-QT1-2024-01

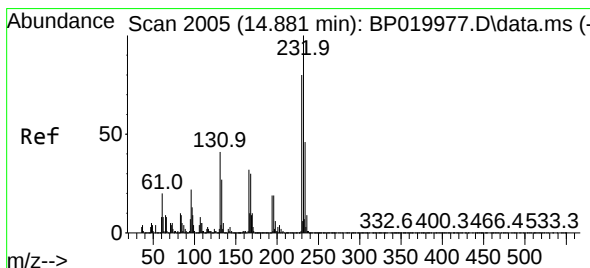
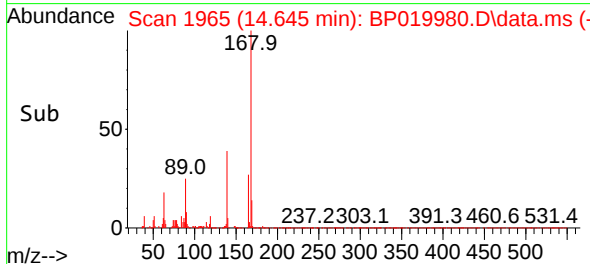
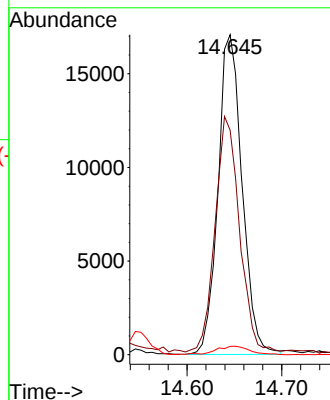


Tgt Ion:165 Resp: 3020
Ion Ratio Lower Upper
165 100
63 70.2 55.9 83.9
182 2.8 2.4 3.6

Manual Integrations
APPROVED

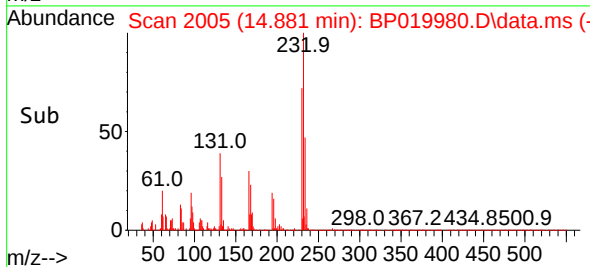
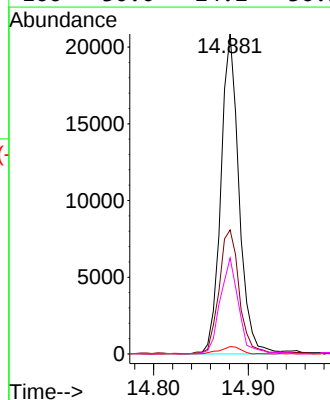
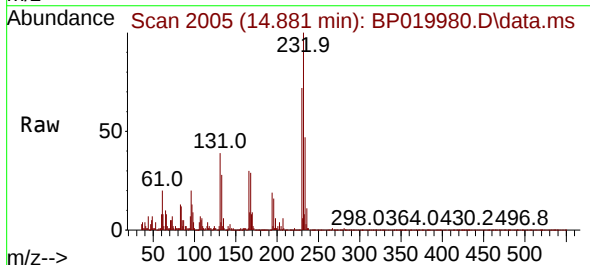
Reviewed By :Jagrut
Upadhyay
03/26/2024

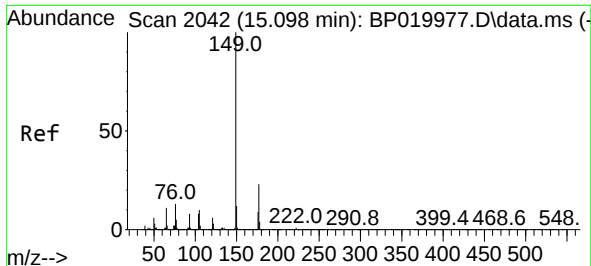
Supervised By :mohammad
ahmed
03/27/2024



#58
2,3,4,6-Tetrachlorophenol
Concen: 4.165 ng/ul
RT: 14.881 min Scan# 2005
Delta R.T. -0.000 min
Lab File: BP019980.D
Acq: 25 Mar 2024 13:00

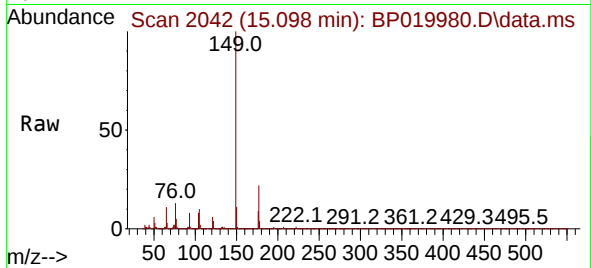
Tgt Ion:232 Resp: 27834
Ion Ratio Lower Upper
232 100
131 38.7 34.2 51.2
130 2.3 1.8 2.6
166 30.0 24.2 36.2





#59
Diethylphthalate
Concen: 4.195 ng/ul
RT: 15.098 min Scan# 2042
Delta R.T. -0.000 min
Lab File: BP019980.D
Acq: 25 Mar 2024 13:00

Instrument : BNA_P
ClientSampleId : MDL-SOIL-QT1-2024-01

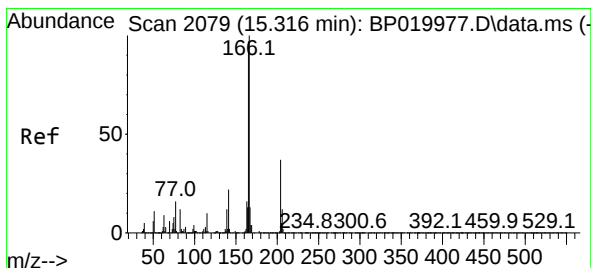
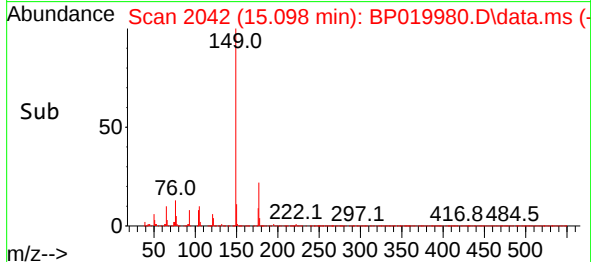
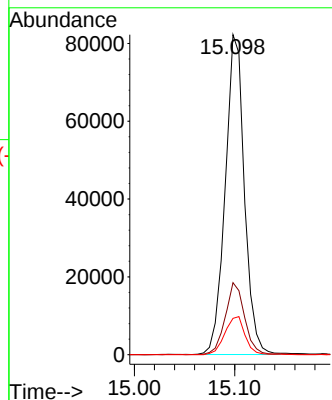


Tgt Ion:149 Resp: 109220
Ion Ratio Lower Upper
149 100
177 22.5 17.0 25.6
150 11.3 9.7 14.5

Manual Integrations
APPROVED

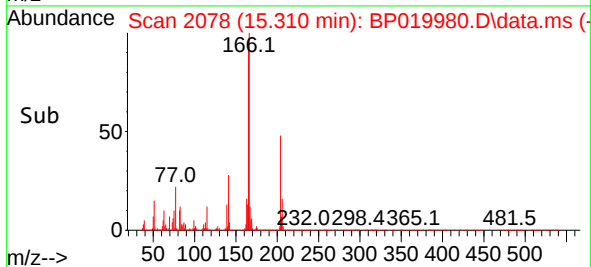
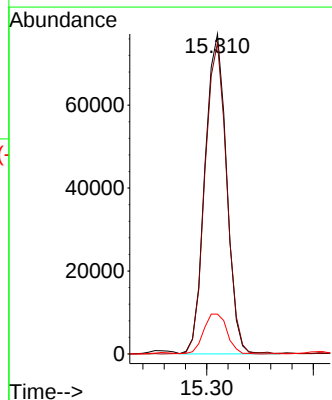
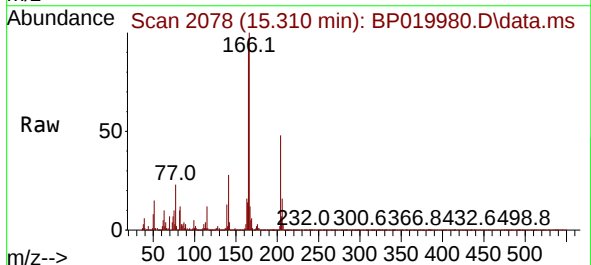
Reviewed By :Jagrut
Upadhyay
03/26/2024

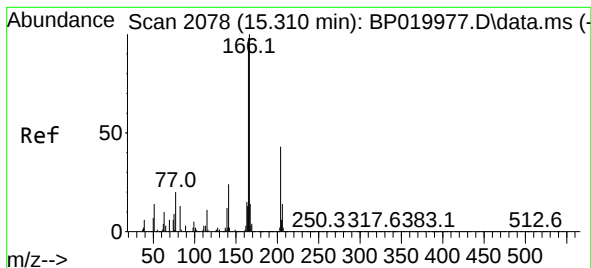
Supervised By :mohammad
ahmed
03/27/2024



#61
Fluorene
Concen: 4.361 ng/ul
RT: 15.310 min Scan# 2078
Delta R.T. -0.006 min
Lab File: BP019980.D
Acq: 25 Mar 2024 13:00

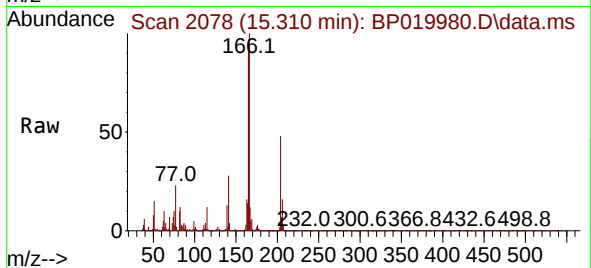
Tgt Ion:166 Resp: 109027
Ion Ratio Lower Upper
166 100
165 97.3 79.2 118.8
167 12.5 11.1 16.7





#62
4-Chlorophenyl-phenylether
Concen: 4.291 ng/ul
RT: 15.310 min Scan# 2078
Delta R.T. -0.000 min
Lab File: BP019980.D
Acq: 25 Mar 2024 13:00

Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-QT1-2024-01

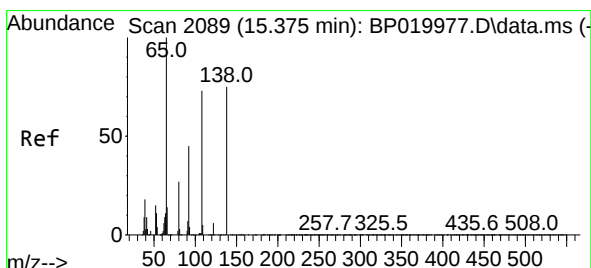
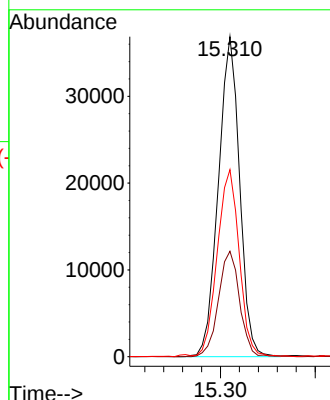
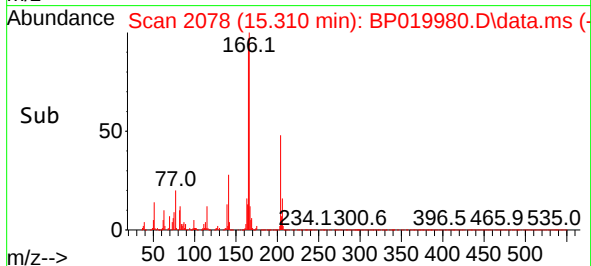


Tgt Ion:204 Resp: 57469
Ion Ratio Lower Upper
204 100
206 33.0 26.2 39.2
141 58.5 47.8 71.6

Manual Integrations
APPROVED

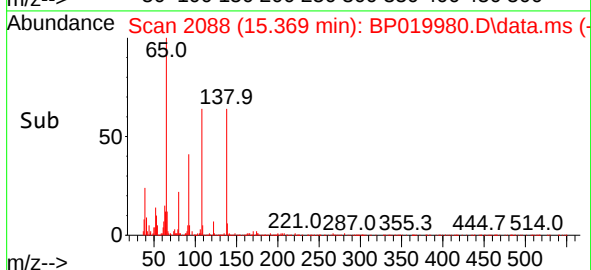
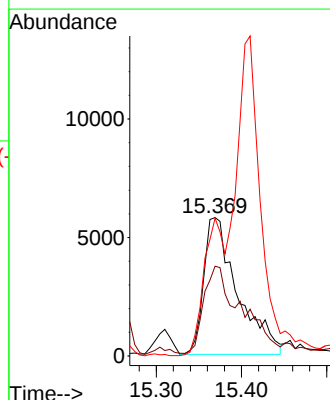
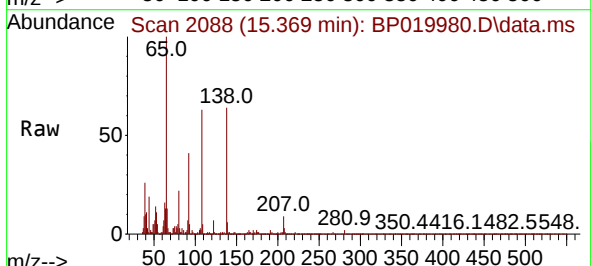
Reviewed By :Jagrut
Upadhyay
03/26/2024

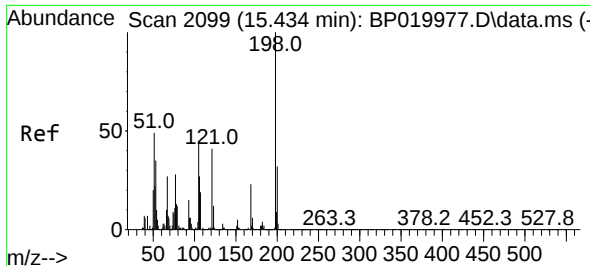
Supervised By :mohammad
ahmed
03/27/2024



#63
4-Nitroaniline
Concen: 3.820 ng/ul
RT: 15.369 min Scan# 2088
Delta R.T. -0.006 min
Lab File: BP019980.D
Acq: 25 Mar 2024 13:00

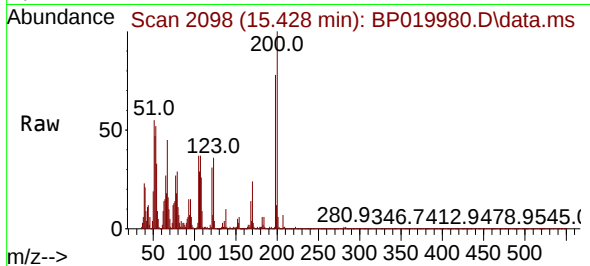
Tgt Ion:138 Resp: 16015
Ion Ratio Lower Upper
138 100
92 64.9 51.0 76.6
108 99.6 74.7 112.1





#66
4,6-Dinitro-2-methylphenol
Concen: 4.083 ng/ul
RT: 15.428 min Scan# 2099
Delta R.T. -0.006 min
Lab File: BP019980.D
Acq: 25 Mar 2024 13:00

Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-QT1-2024-01

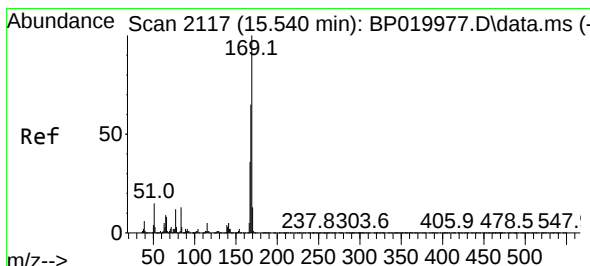
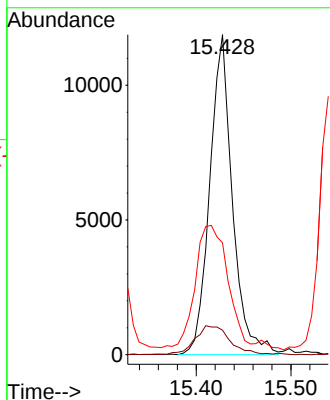
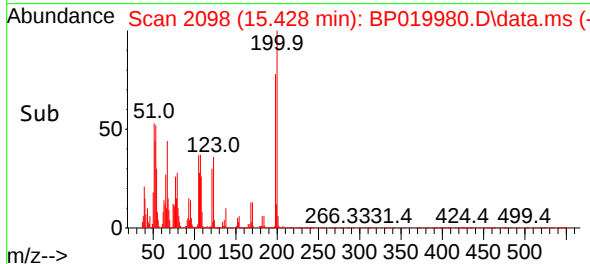


Tgt Ion:198 Resp: 1972
Ion Ratio Lower Upper
198 100
182 7.7 3.6 5.4
77 35.0 22.1 33.1

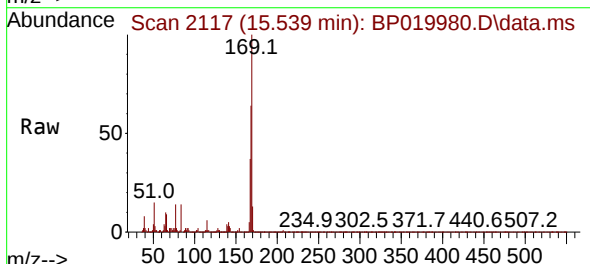
Manual Integrations
APPROVED

Reviewed By :Jagrut
Upadhyay
03/26/2024

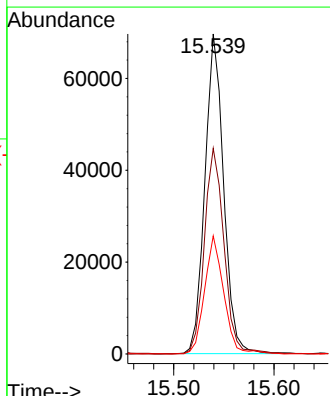
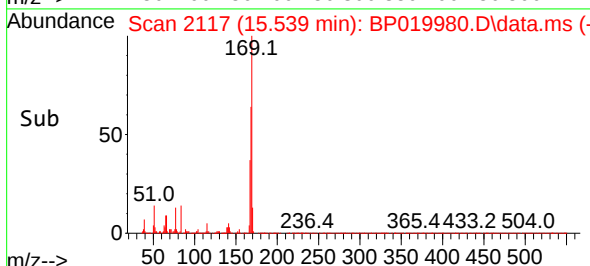
Supervised By :mohammad
ahmed
03/27/2024

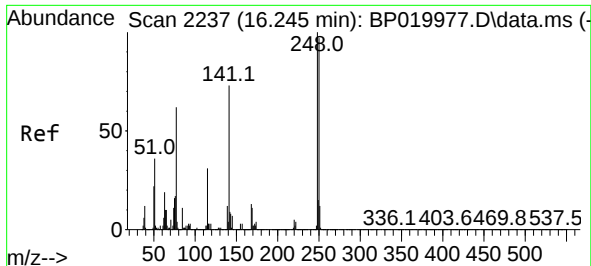


#67
N-Nitrosodiphenylamine
Concen: 4.317 ng/ul
RT: 15.539 min Scan# 2117
Delta R.T. -0.000 min
Lab File: BP019980.D
Acq: 25 Mar 2024 13:00



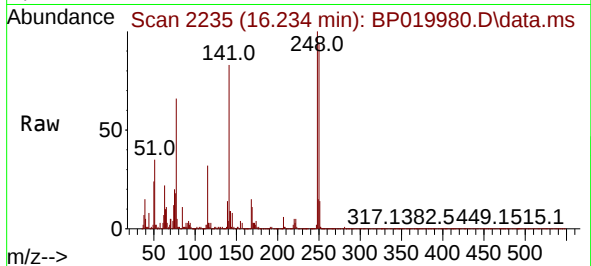
Tgt Ion:169 Resp: 90704
Ion Ratio Lower Upper
169 100
168 64.3 52.5 78.7
167 36.9 28.0 42.0





#68
4-Bromophenyl-phenylether
Concen: 4.075 ng/ul
RT: 16.234 min Scan# 211
Delta R.T. -0.012 min
Lab File: BP019980.D
Acq: 25 Mar 2024 13:00

Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-QT1-2024-01

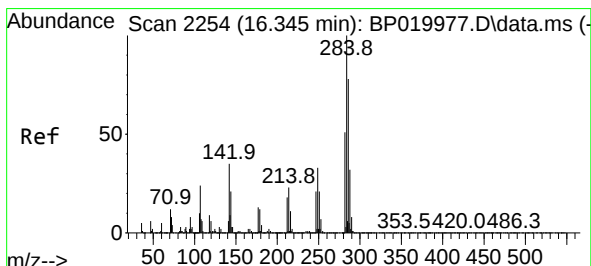
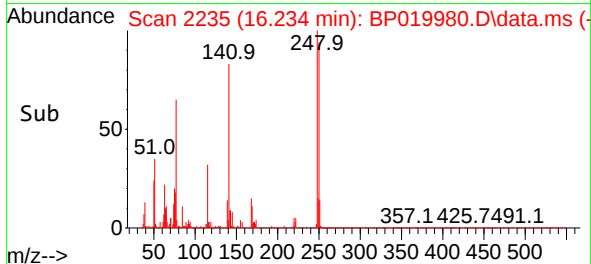
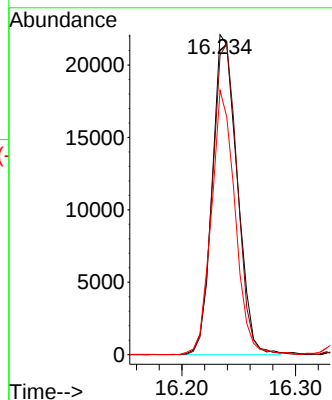


Tgt Ion	Ratio	Lower	Upper
248	100		
250	93.6	76.3	114.5
141	82.6	56.8	85.2

Manual Integrations
APPROVED

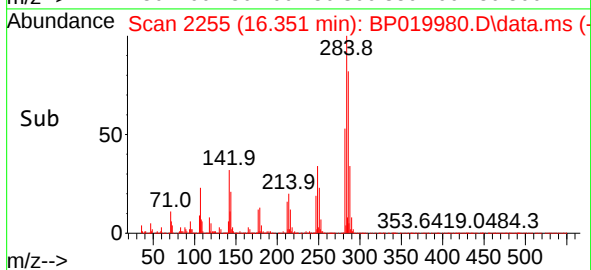
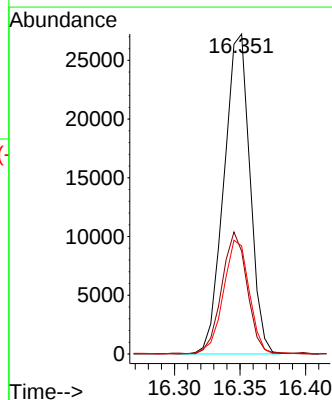
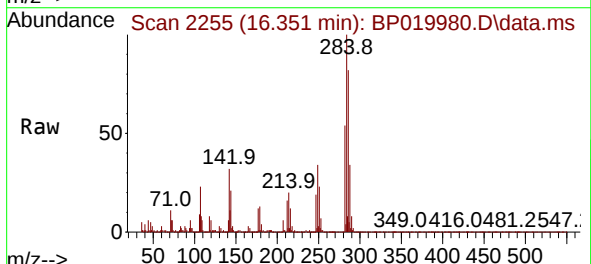
Reviewed By :Jagrut
Upadhyay
03/26/2024

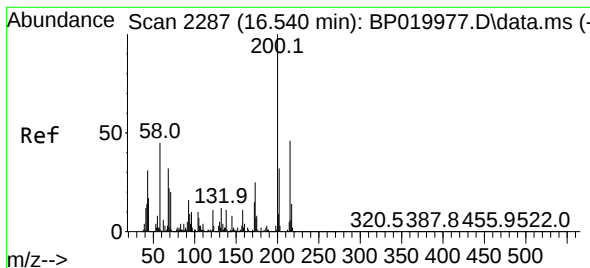
Supervised By :mohammad
ahmed
03/27/2024



#69
Hexachlorobenzene
Concen: 4.097 ng/ul
RT: 16.351 min Scan# 2255
Delta R.T. 0.006 min
Lab File: BP019980.D
Acq: 25 Mar 2024 13:00

Tgt Ion	Ratio	Lower	Upper
284	100		
142	32.1	28.2	42.2
249	36.9	27.5	41.3





#70

Atrazine

Concen: 4.174 ng/ul

RT: 16.539 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP019980.D

Acq: 25 Mar 2024 13:00

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-QT1-2024-01

Tgt Ion:200	Resp:	33600
Ion Ratio	Lower	Upper
200 100		
173 23.7	19.0	28.6
215 42.8	37.4	56.0

Manual Integrations

APPROVED

Reviewed By :Jagrut

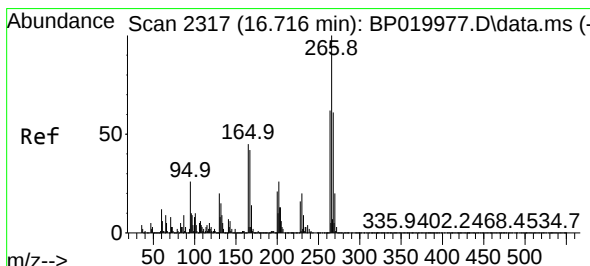
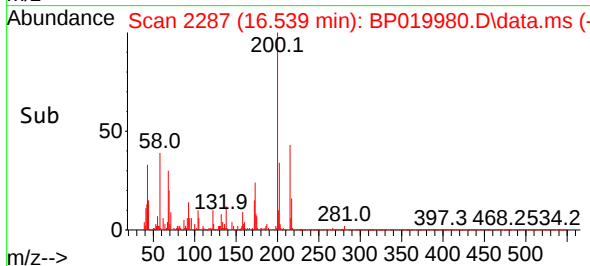
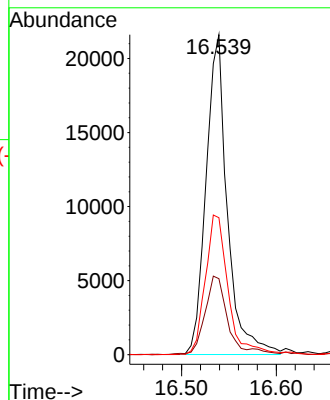
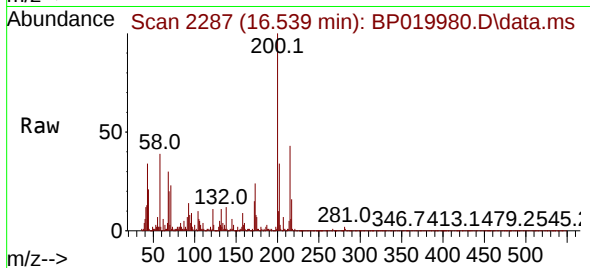
Upadhyay

03/26/2024

Supervised By :mohammad

ahmed

03/27/2024



#71

Pentachlorophenol

Concen: 3.872 ng/ul

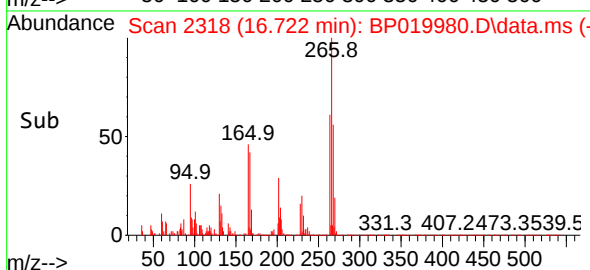
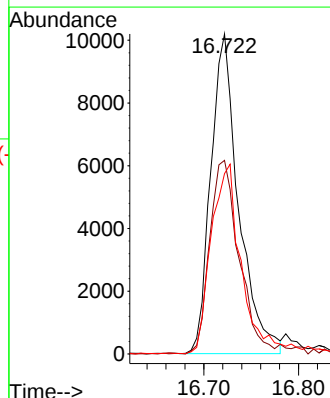
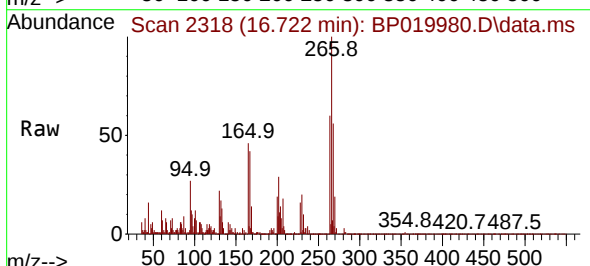
RT: 16.722 min Scan# 2318

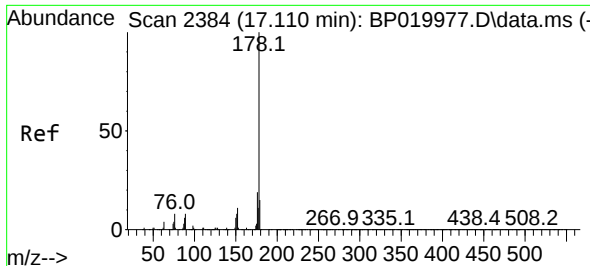
Delta R.T. 0.006 min

Lab File: BP019980.D

Acq: 25 Mar 2024 13:00

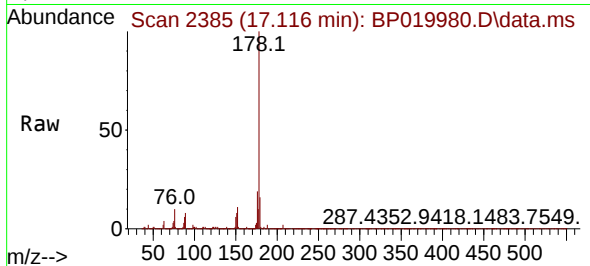
Tgt Ion:266	Resp:	20809
Ion Ratio	Lower	Upper
266 100		
264 60.5	49.9	74.9
268 56.3	52.5	78.7





#72
Phenanthrene
Concen: 4.195 ng/ul
RT: 17.116 min Scan# 2384
Delta R.T. 0.006 min
Lab File: BP019980.D
Acq: 25 Mar 2024 13:00

Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-QT1-2024-01

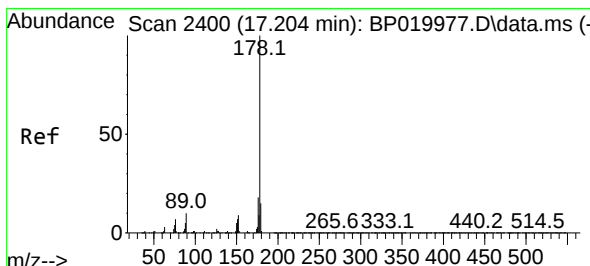
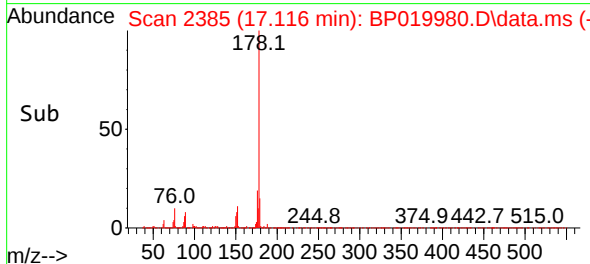
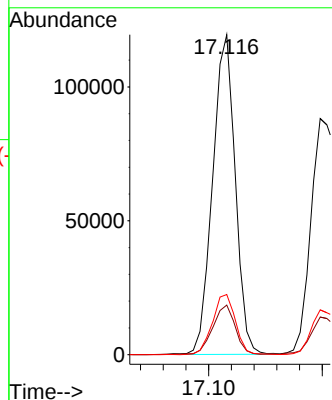


Tgt Ion:178 Resp: 164978
Ion Ratio Lower Upper
178 100
179 15.5 12.2 18.2
176 18.8 15.3 22.9

Manual Integrations
APPROVED

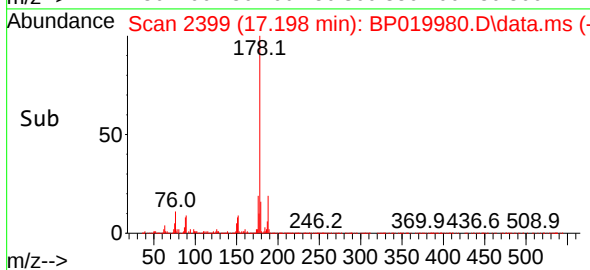
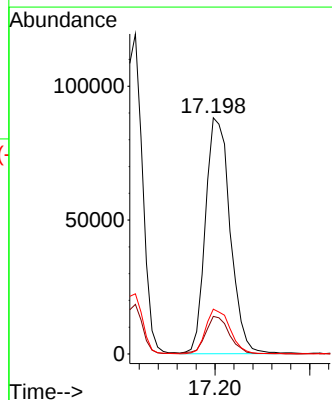
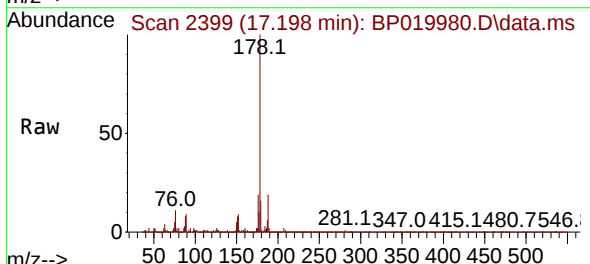
Reviewed By :Jagrut
Upadhyay
03/26/2024

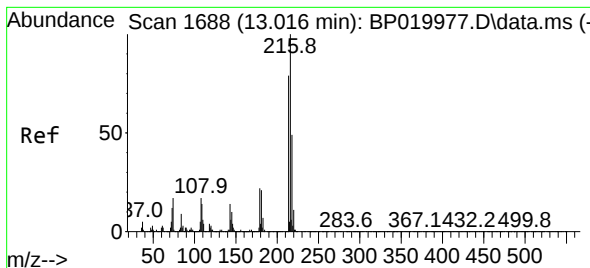
Supervised By :mohammad
ahmed
03/27/2024



#74
Anthracene
Concen: 3.995 ng/ul
RT: 17.198 min Scan# 2399
Delta R.T. -0.006 min
Lab File: BP019980.D
Acq: 25 Mar 2024 13:00

Tgt Ion:178 Resp: 159511
Ion Ratio Lower Upper
178 100
179 15.9 12.2 18.2
176 19.0 14.8 22.2





#75

1,2,3,4-Tetrachlorobenzene

Concen: 3.907 ng/uL

RT: 12.998 min Scan# 1

Delta R.T. -0.018 min

Lab File: BP019980.D

Acq: 25 Mar 2024 13:00

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-QT1-2024-01

Tgt Ion:	216	Resp:	4845
Ion Ratio	Lower	Upper	
216	100		
214	78.1	62.2	93.4
218	52.6	39.9	59.9

Manual Integrations

APPROVED

Reviewed By :Jagrut

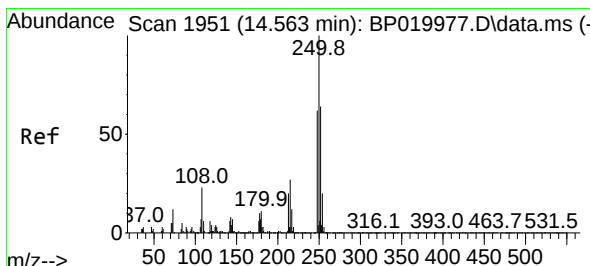
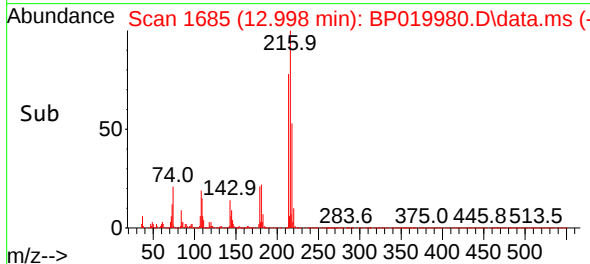
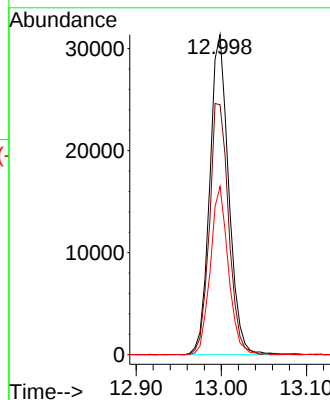
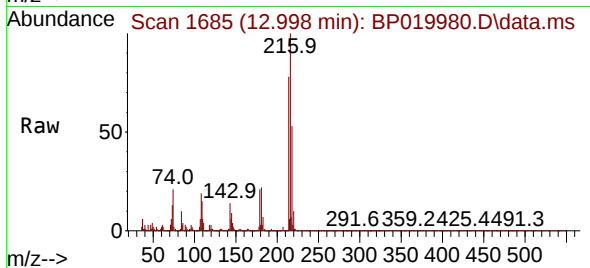
Upadhyay

03/26/2024

Supervised By :mohammad

ahmed

03/27/2024



#76

Pentachlorobenzene

Concen: 4.377 ng/uL

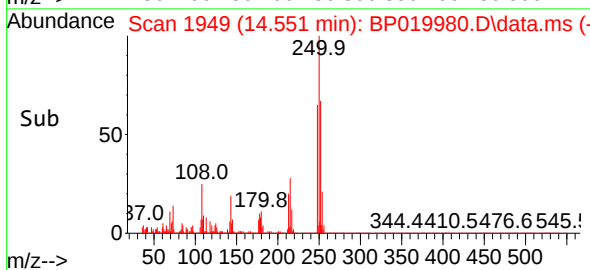
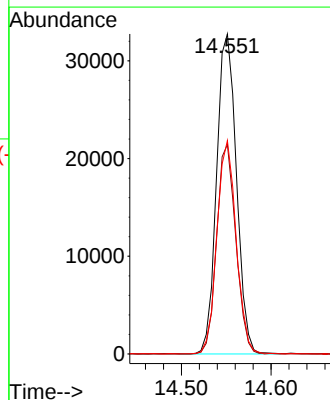
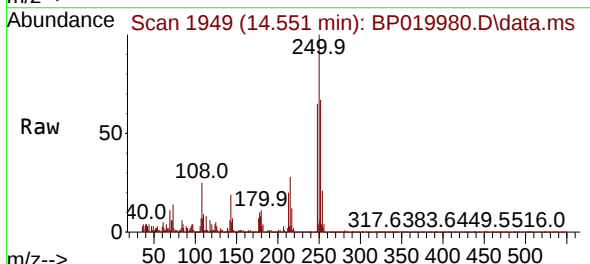
RT: 14.551 min Scan# 1949

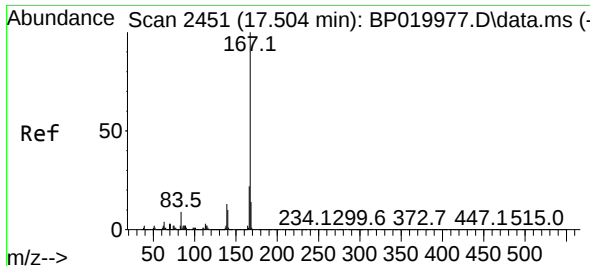
Delta R.T. -0.012 min

Lab File: BP019980.D

Acq: 25 Mar 2024 13:00

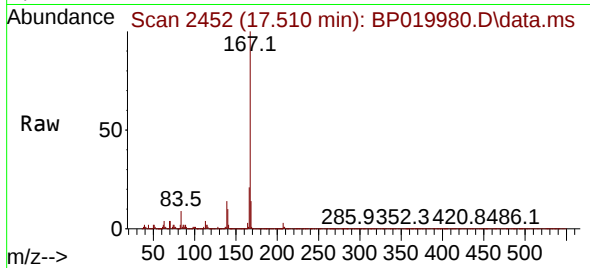
Tgt Ion:	250	Resp:	50274
Ion Ratio	Lower	Upper	
250	100		
248	65.5	51.3	76.9
252	66.7	51.1	76.7





#77
 Carbazole
 Concen: 4.096 ng/ul
 RT: 17.510 min Scan# 2451
 Delta R.T. 0.006 min
 Lab File: BP019980.D
 Acq: 25 Mar 2024 13:00

Instrument :
 BNA_P
 ClientSampleId :
 MDL-SOIL-QT1-2024-01

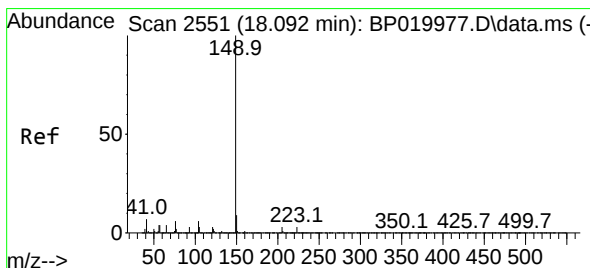
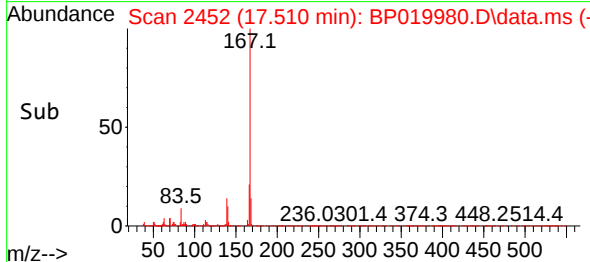
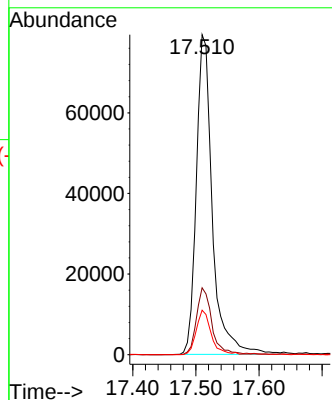


Tgt Ion:167 Resp: 139860
 Ion Ratio Lower Upper
 167 100
 166 20.9 16.8 25.2
 139 13.9 10.2 15.4

Manual Integrations
 APPROVED

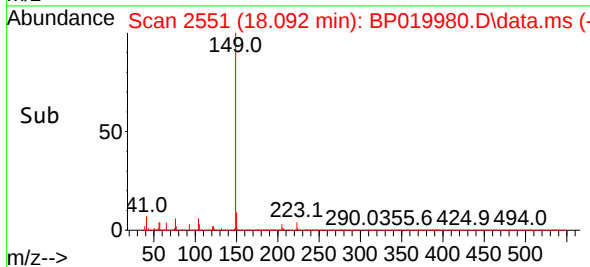
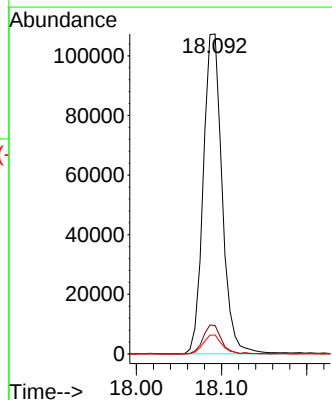
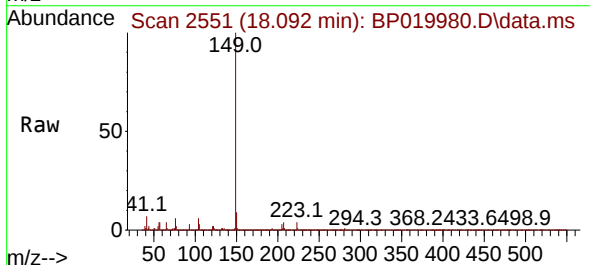
Reviewed By :Jagrut
 Upadhyay
 03/26/2024

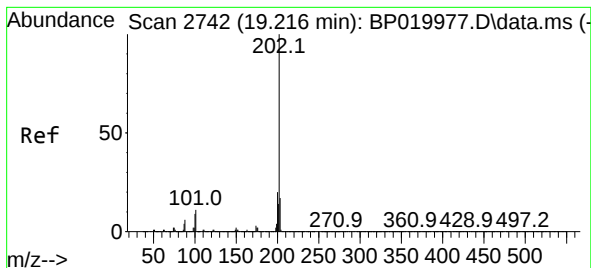
Supervised By :mohammad
 ahmed
 03/27/2024



#78
 Di-n-butylphthalate
 Concen: 3.854 ng/ul
 RT: 18.092 min Scan# 2551
 Delta R.T. -0.000 min
 Lab File: BP019980.D
 Acq: 25 Mar 2024 13:00

Tgt Ion:149 Resp: 164330
 Ion Ratio Lower Upper
 149 100
 150 8.9 7.0 10.6
 104 5.9 4.2 6.4





#80
Fluoranthene
Concen: 4.136 ng/ul
RT: 19.216 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP019980.D
Acq: 25 Mar 2024 13:00

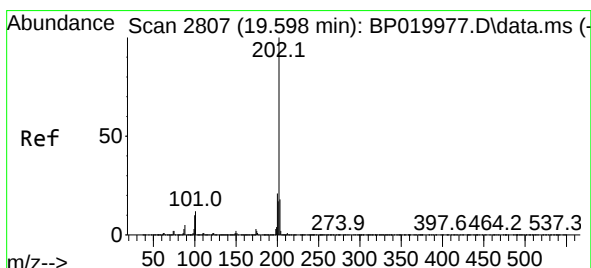
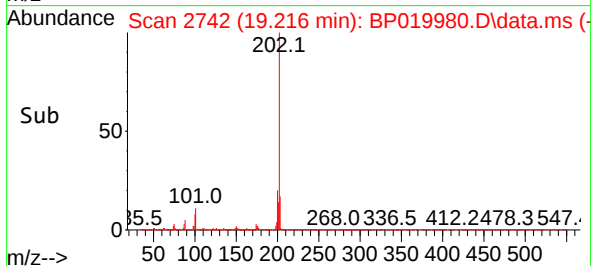
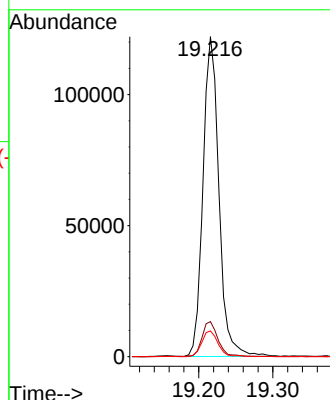
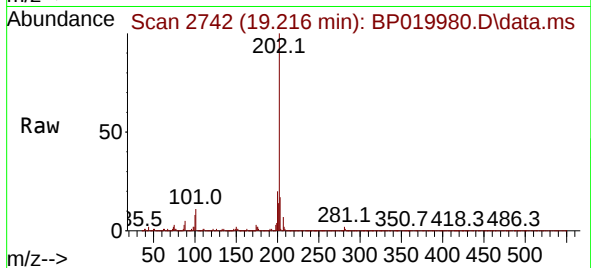
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-QT1-2024-01

Tgt Ion:202 Resp: 18233
Ion Ratio Lower Upper
202 100
101 11.0 8.8 13.2
100 8.1 6.6 9.8

Manual Integrations
APPROVED

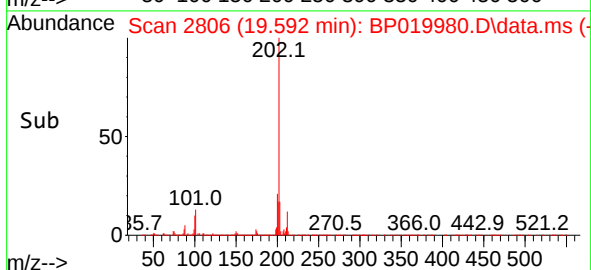
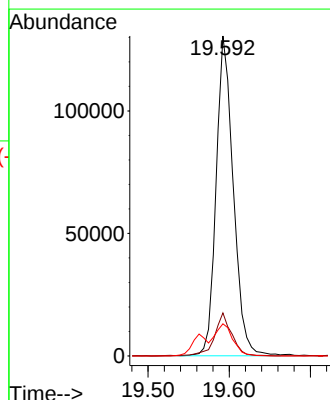
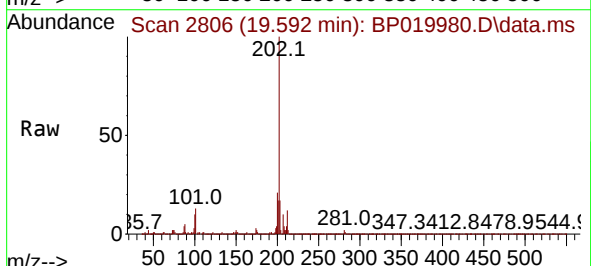
Reviewed By :Jagrut
Upadhyay
03/26/2024

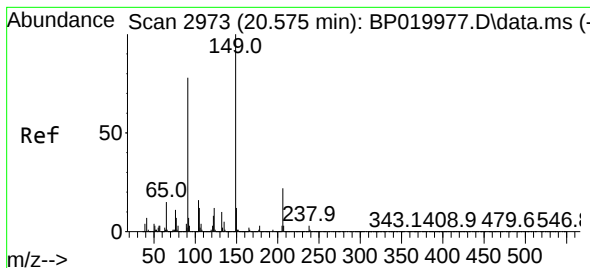
Supervised By :mohammad
ahmed
03/27/2024



#82
Pyrene
Concen: 4.197 ng/ul
RT: 19.592 min Scan# 2806
Delta R.T. -0.006 min
Lab File: BP019980.D
Acq: 25 Mar 2024 13:00

Tgt Ion:202 Resp: 192270
Ion Ratio Lower Upper
202 100
101 13.5 9.4 14.2
100 10.0 7.7 11.5





#83

Butylbenzylphthalate

Concen: 3.735 ng/ul

RT: 20.574 min Scan# 2973

Delta R.T. -0.000 min

Lab File: BP019980.D

Acq: 25 Mar 2024 13:00

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-QT1-2024-01

Tgt Ion:	149	Resp:	69489
Ion Ratio	Lower	Upper	
149	100		
91	79.3	63.4	95.2
206	20.8	17.8	26.6

Manual Integrations

APPROVED

Reviewed By :Jagrut

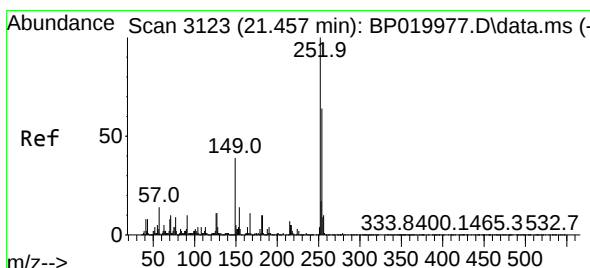
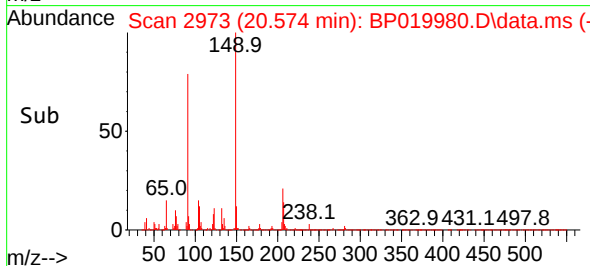
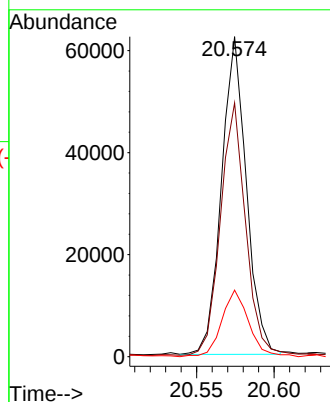
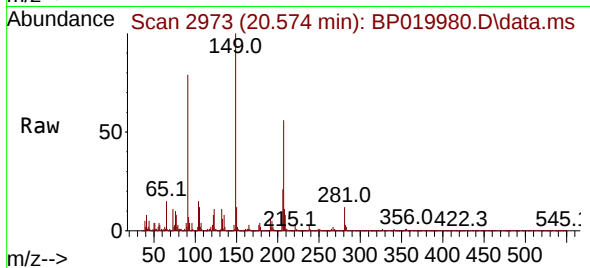
Upadhyay

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Supervised By :mohammad

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#84

3,3'-Dichlorobenzidine

Concen: 3.916 ng/ul

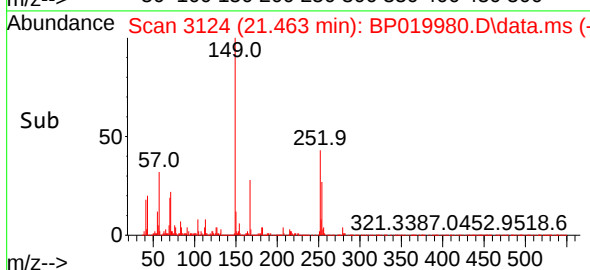
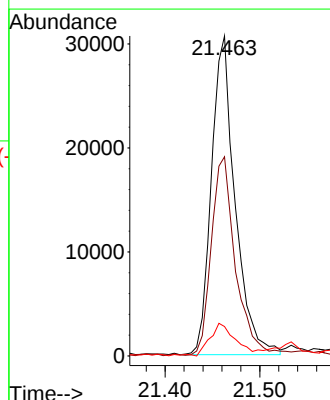
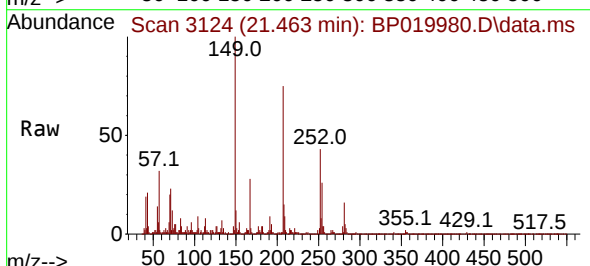
RT: 21.463 min Scan# 3124

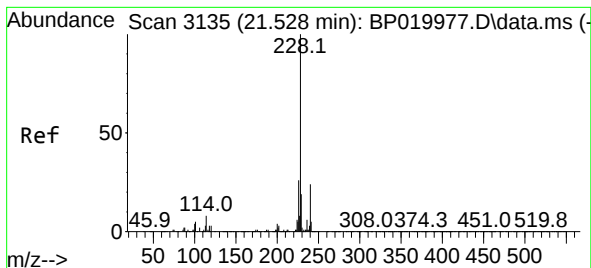
Delta R.T. 0.006 min

Lab File: BP019980.D

Acq: 25 Mar 2024 13:00

Tgt Ion:	252	Resp:	53268
Ion Ratio	Lower	Upper	
252	100		
254	62.2	52.4	78.6
126	9.2	8.1	12.1





#85

Benzo(a)anthracene

Concen: 4.068 ng/ul

RT: 21.516 min Scan# 3135

Delta R.T. -0.012 min

Lab File: BP019980.D

Acq: 25 Mar 2024 13:00

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-QT1-2024-01

Tgt Ion:	228	Resp:	180080
Ion Ratio	Lower	Upper	
228	100		
229	19.3	15.6	23.4
226	26.3	22.1	33.1

Manual Integrations

APPROVED

Reviewed By :Jagrut

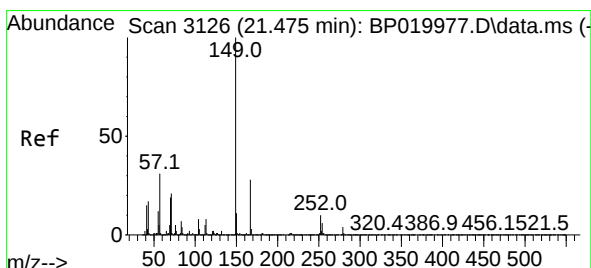
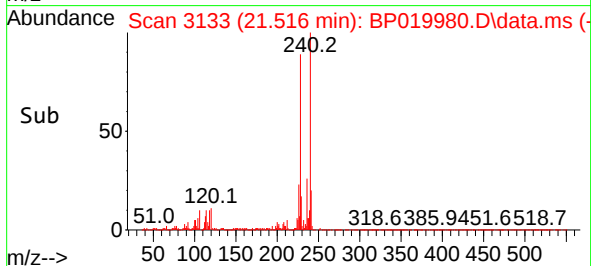
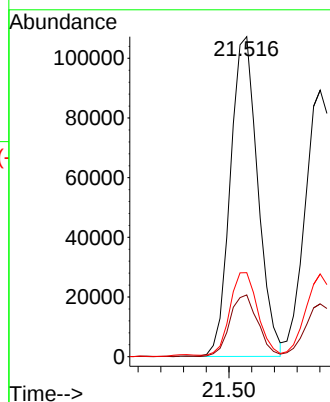
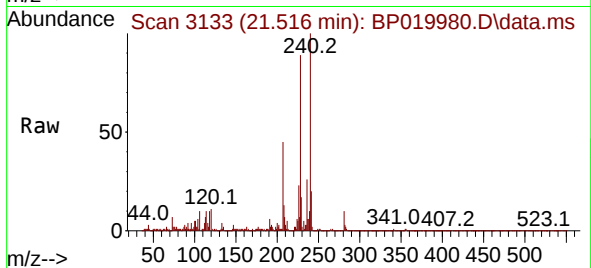
Upadhyay

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Supervised By :mohammad

ahmed

03/27/2024



#86

Bis(2-ethylhexyl)phthalate

Concen: 3.818 ng/ul

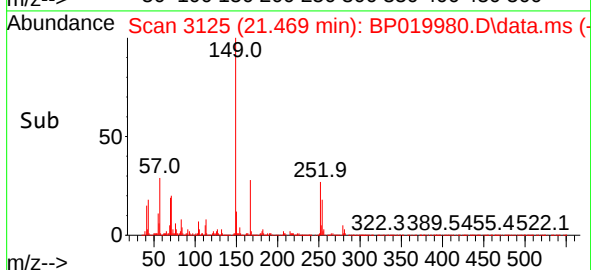
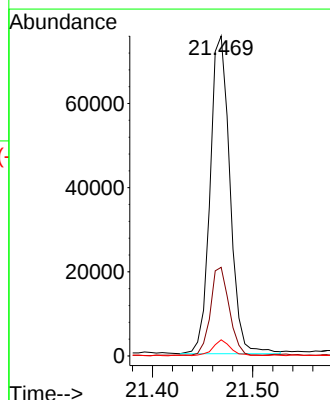
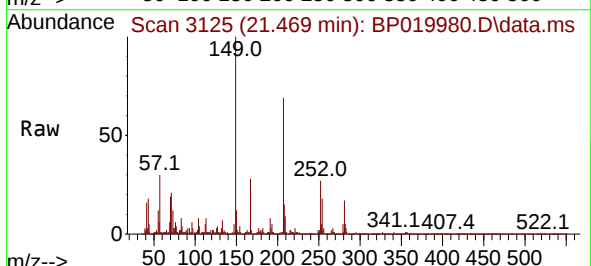
RT: 21.469 min Scan# 3125

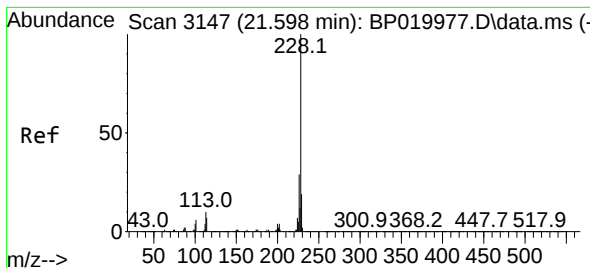
Delta R.T. -0.006 min

Lab File: BP019980.D

Acq: 25 Mar 2024 13:00

Tgt Ion:	149	Resp:	103790
Ion Ratio	Lower	Upper	
149	100		
167	27.7	23.0	34.6
279	5.1	3.6	5.4





#87

Chrysene

Concen: 4.173 ng/ul

RT: 21.580 min Scan# 3147

Delta R.T. -0.018 min

Lab File: BP019980.D

Acq: 25 Mar 2024 13:00

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-QT1-2024-01

Tgt Ion:228 Resp: 171710
 Ion Ratio Lower Upper
 228 100
 226 31.1 23.2 34.8
 229 19.8 15.3 22.9

Manual Integrations

APPROVED

Reviewed By :Jagrut

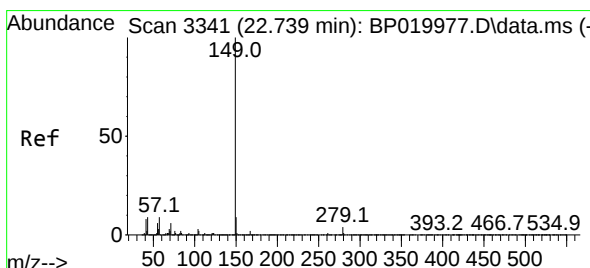
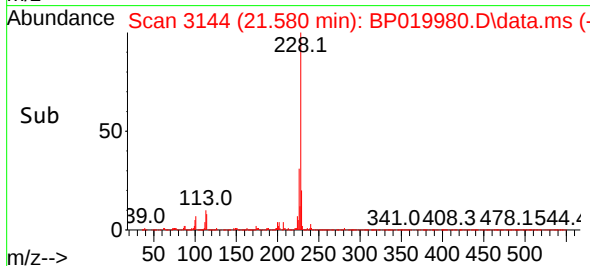
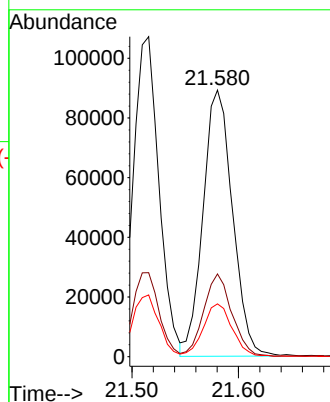
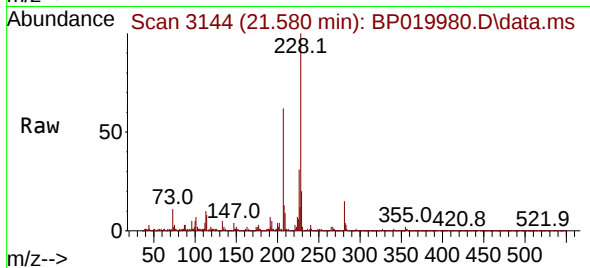
Upadhyay

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Supervised By :mohammad

ahmed

03/27/2024



#89

Di-n-octyl phthalate

Concen: 4.019 ng/ul

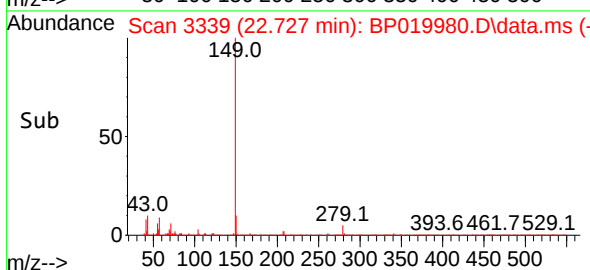
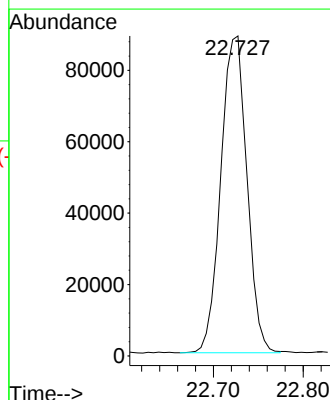
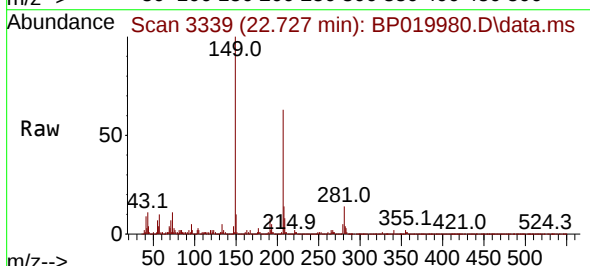
RT: 22.727 min Scan# 3339

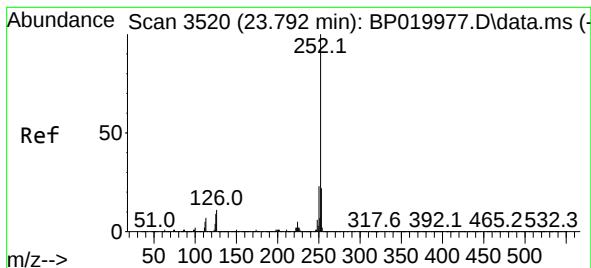
Delta R.T. -0.012 min

Lab File: BP019980.D

Acq: 25 Mar 2024 13:00

Tgt Ion:149 Resp: 179100





#90

Benzo(b)fluoranthene

Concen: 4.098 ng/ul

RT: 23.780 min Scan# 3518

Delta R.T. -0.012 min

Lab File: BP019980.D

Acq: 25 Mar 2024 13:00

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-QT1-2024-01

Tgt Ion:	252	Resp:	16884
Ion Ratio	Lower	Upper	
252	100		
253	22.4	17.2	25.8
125	8.1	6.5	9.7

Manual Integrations

APPROVED

Reviewed By :Jagrut

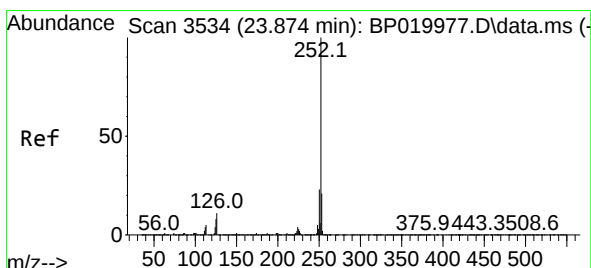
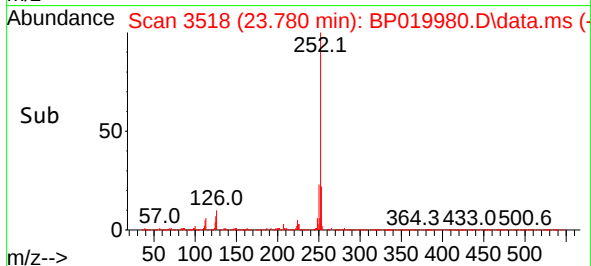
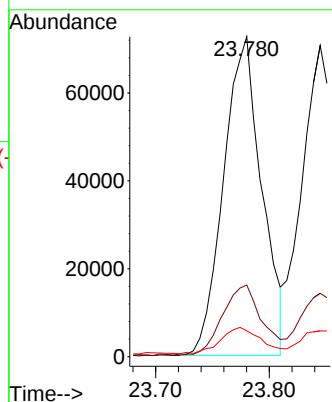
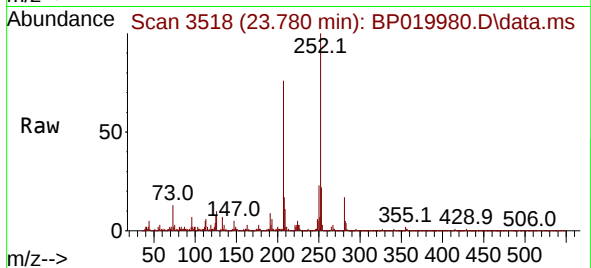
Upadhyay

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Supervised By :mohammad

ahmed

03/27/2024



#91

Benzo(k)fluoranthene

Concen: 4.224 ng/ul

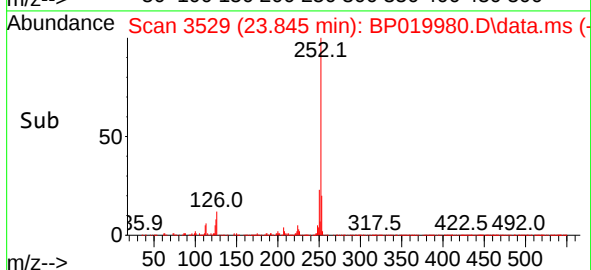
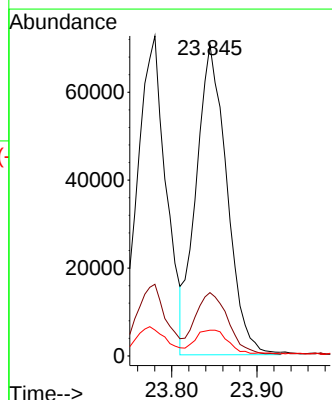
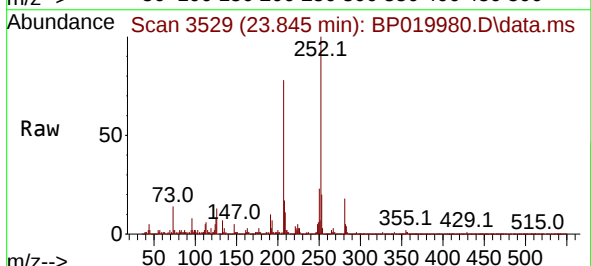
RT: 23.845 min Scan# 3529

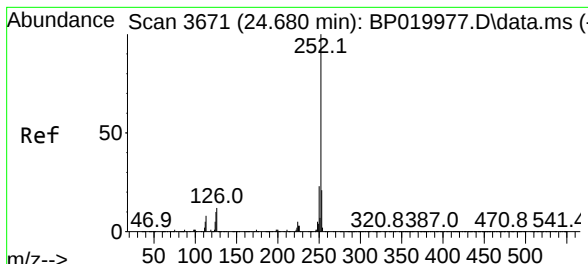
Delta R.T. -0.030 min

Lab File: BP019980.D

Acq: 25 Mar 2024 13:00

Tgt Ion:	252	Resp:	176838
Ion Ratio	Lower	Upper	
252	100		
253	20.4	17.4	26.0
125	8.3	7.1	10.7





#93
 Benzo(a)pyrene
 Concen: 4.199 ng/ul
 RT: 24.651 min Scan# 30
 Delta R.T. -0.030 min
 Lab File: BP019980.D
 Acq: 25 Mar 2024 13:00

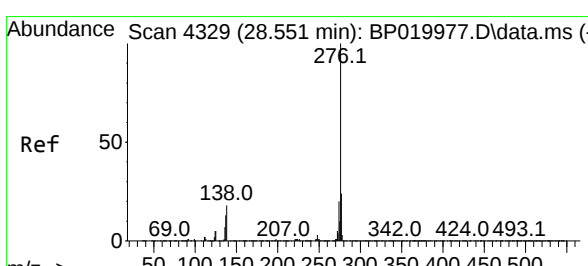
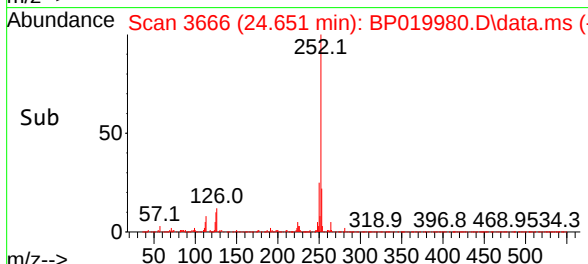
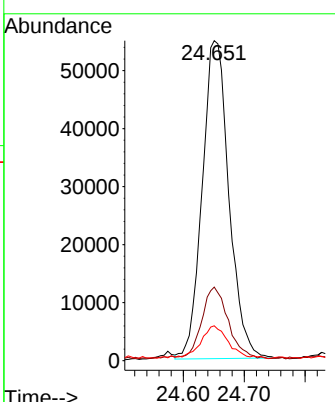
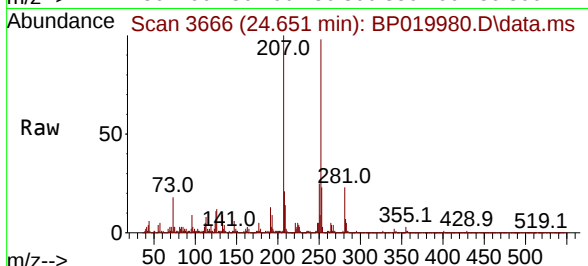
Instrument : BNA_P
 ClientSampleId : MDL-SOIL-QT1-2024-01

Tgt Ion:	252	Resp:	16733
Ion Ratio	Lower	Upper	
252	100		
253	23.0	17.4	26.0
125	10.9	7.4	11.2

Manual Integrations
 APPROVED

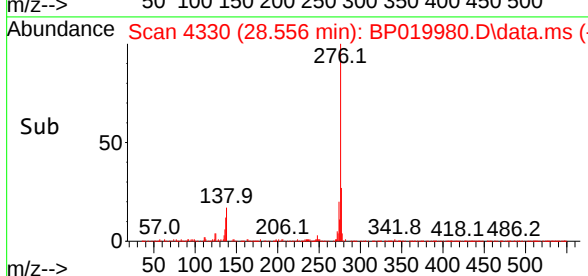
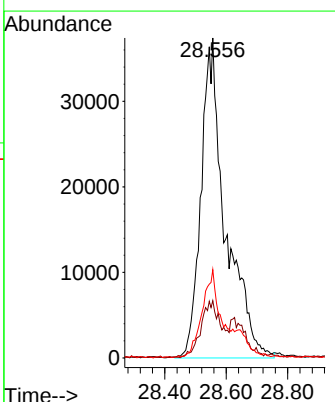
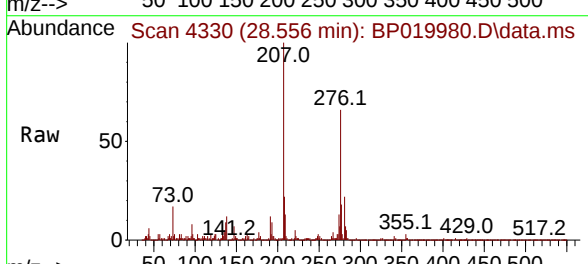
Reviewed By :Jagrut Upadhyay
 03/26/2024

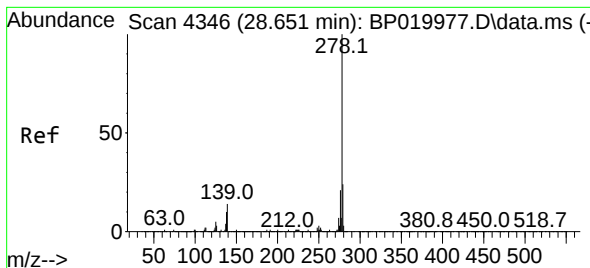
Supervised By :mohammad ahmed
 03/27/2024



#94
 Indeno(1,2,3-cd)pyrene
 Concen: 4.113 ng/ul m
 RT: 28.556 min Scan# 4330
 Delta R.T. 0.006 min
 Lab File: BP019980.D
 Acq: 25 Mar 2024 13:00

Tgt Ion:	276	Resp:	206423
Ion Ratio	Lower	Upper	
276	100		
138	17.9	13.1	19.7
277	27.6	19.5	29.3





#95

Dibenzo(a,h)anthracene

Concen: 4.250 ng/ul m

RT: 28.639 min Scan# 41

Delta R.T. -0.012 min

Lab File: BP019980.D

Acq: 25 Mar 2024 13:00

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-QT1-2024-01

Tgt Ion:	278	Resp:	17350
Ion Ratio	Lower	Upper	
278	100		
139	13.2	11.4	17.2
279	22.8	19.7	29.5

Manual Integrations

APPROVED

Reviewed By :Jagrut

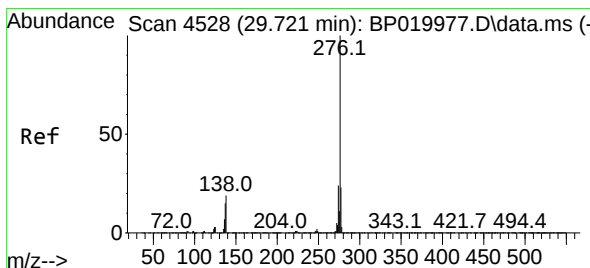
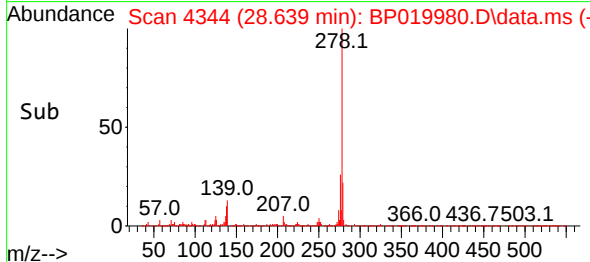
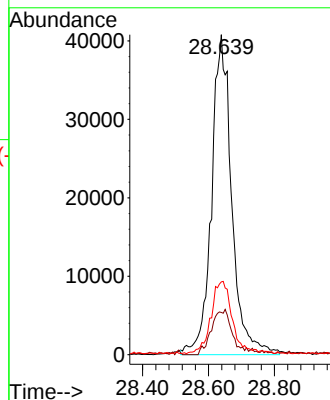
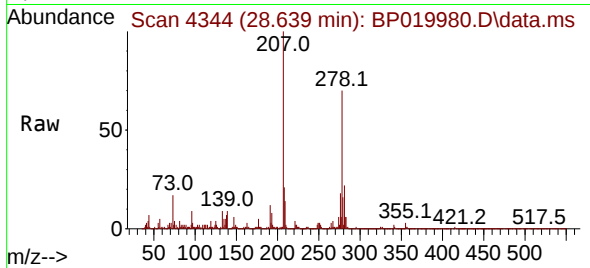
Upadhyay

03/26/2024

Supervised By :mohammad

ahmed

03/27/2024



#96

Benzo(g,h,i)perylene

Concen: 4.231 ng/ul m

RT: 29.733 min Scan# 4530

Delta R.T. 0.012 min

Lab File: BP019980.D

Acq: 25 Mar 2024 13:00

Tgt Ion:	276	Resp:	171538
Ion Ratio	Lower	Upper	
276	100		
138	17.6	15.5	23.3
277	23.6	18.8	28.2

