

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051624\
 Data File : BP020409.D
 Acq On : 16 May 2024 12:59
 Operator : MA/JU
 Sample : P2409-03
 Misc : SFAM-MDL-SOIL-01
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MDL-SOIL-QT2-2024-03

Quant Time: May 16 13:44:02 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu May 16 10:48:40 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut
 Upadhyay
 05/17/2024

Supervised By :mohammad
 ahmed
 05/18/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.581	152	74188	20.000	ng/u1	0.00
20) Naphthalene-d8	10.351	136	312907	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.263	164	228318	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.104	188	563079	20.000	ng/u1	-0.02
79) Chrysene-d12	21.604	240	615506	20.000	ng/u1	-0.02
88) Perylene-d12	24.968	264	650307	20.000	ng/u1	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.187	96	9119	5.191	ng/uL	0.00
4) Pyridine-d5	3.587	84	101471	19.880	ng/u1	0.00
7) Phenol-d5	6.775	99	131442	20.631	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.934	67	77789	20.099	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.122	132	102349	22.472	ng/u1	0.00
15) 4-Methylphenol-d8	8.299	113	101845	19.772	ng/u1	0.00
21) Nitrobenzene-d5	8.746	128	51238	21.867	ng/u1	0.00
24) 2-Nitrophenol-d4	9.457	143	57957	21.599	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.004	165	105691	21.585	ng/u1	0.00
31) 4-Chloroaniline-d4	10.528	131	136363	19.898	ng/u1	0.00
46) Dimethylphthalate-d6	13.681	166	397838	23.861	ng/u1	0.00
49) Acenaphthylene-d8	13.945	160	418960	22.747	ng/u1	-0.01
54) 4-Nitrophenol-d4	14.551	143	60483m	23.603	ng/u1	0.00
60) Fluorene-d10	15.286	176	343252	24.682	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.457	200	64094	17.938	ng/u1	-0.01
73) Anthracene-d10	17.210	188	518225	21.274	ng/u1	-0.02
81) Pyrene-d10	19.616	212	710492	19.747	ng/u1	-0.02
92) Benzo(a)pyrene-d12	24.727	264	728166	23.158	ng/u1	-0.02
Target Compounds					Qvalue	
2) 1,4-Dioxane	3.222	88	2063m	1.035	ng/uL	
5) Pyridine	3.611	79	21984	4.258	ng/u1#	60
6) Benzaldehyde	6.775	77	16969	5.299	ng/u1	99
8) Phenol	6.805	94	26503	4.030	ng/u1	88
10) Bis(2-Chloroethyl)ether	7.034	93	21427	4.164	ng/u1	96
12) 2-Chlorophenol	7.157	128	21807	4.586	ng/u1	98
13) 2-Methylphenol	8.046	108	19976	4.072	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.116	45	28782	4.484	ng/u1	99
16) Acetophenone	8.422	105	36319	4.248	ng/u1	91
17) N-Nitroso-di-n-propyla...	8.393	70	19345	4.170	ng/u1	96
18) 4-Methylphenol	8.375	108	22776m	4.272	ng/u1	
19) Hexachloroethane	8.622	117	10298	4.736	ng/u1	92
22) Nitrobenzene	8.793	77	31665	4.708	ng/u1	98
23) Isophorone	9.304	82	54072	4.181	ng/u1	98
25) 2-Nitrophenol	9.487	139	12876	4.633	ng/u1	94
26) 2,4-Dimethylphenol	9.557	107	20399	3.364	ng/u1	97
27) Bis(2-Chloroethoxy)met...	9.798	93	30720	4.284	ng/u1	95
29) 2,4-Dichlorophenol	10.040	162	22190	4.659	ng/u1	96
30) Naphthalene	10.404	128	78157	4.846	ng/u1	96
32) 4-Chloroaniline	10.551	127	28806m	4.298	ng/u1	
33) Hexachlorobutadiene	10.663	225	18195	4.918	ng/u1	94
34) Caprolactam	11.392	113	7882m	4.740	ng/u1	
35) 4-Chloro-3-methylphenol	11.710	107	22875	3.857	ng/u1	97
36) 2-Methylnaphthalene	12.045	142	53174	4.738	ng/u1	92

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Manual Integrations
 APPROVED

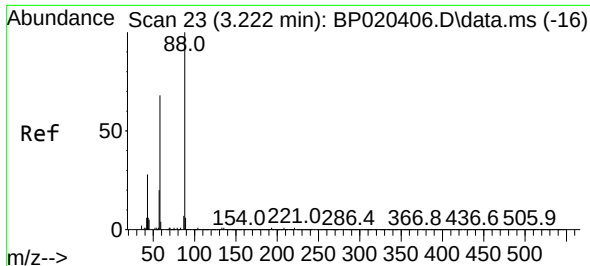
Reviewed By :Jagrut
 Upadhyay
 05/17/2024

Supervised By :mohammad
 ahmed
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Quant Time: May 16 13:44:02 2024
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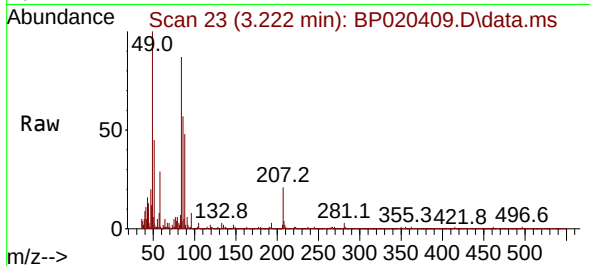
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.263	142	57392	5.082	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.422	216	34639	4.865	ng/ul	97
40) Hexachlorocyclopentadiene	12.369	237	21427	5.533	ng/ul#	97
41) 2,4,6-Trichlorophenol	12.692	196	19993m	4.477	ng/ul	
42) 2,4,5-Trichlorophenol	12.781	196	21871m	4.552	ng/ul	
43) 1,1'-Biphenyl	13.075	154	77446	4.796	ng/ul	95
44) 2-Chloronaphthalene	13.122	162	59484	4.642	ng/ul	99
45) 2-Nitroaniline	13.387	65	16202m	3.812	ng/ul	
47) Dimethylphthalate	13.734	163	83361	4.950	ng/ul	99
48) 2,6-Dinitrotoluene	13.875	165	15104	4.511	ng/ul	87
50) Acenaphthylene	13.975	152	102616	4.953	ng/ul	100
51) 3-Nitroaniline	14.245	138	12347m	3.954	ng/ul	
52) Acenaphthene	14.328	153	67164	4.824	ng/ul	97
53) 2,4-Dinitrophenol	14.481	184	7854m	3.822	ng/ul	
55) 4-Nitrophenol	14.581	109	12465m	4.672	ng/ul	
56) Dibenzofuran	14.681	168	97938	5.115	ng/ul	97
57) 2,4-Dinitrotoluene	14.698	165	24875	5.168	ng/ul#	81
58) 2,3,4,6-Tetrachlorophenol	14.922	232	22854	5.297	ng/ul#	97
59) Diethylphthalate	15.133	149	87718	5.218	ng/ul	98
61) Fluorene	15.345	166	82979	5.216	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.345	204	43713	5.179	ng/ul	95
63) 4-Nitroaniline	15.445	138	11835m	4.548	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.475	198	15967	4.285	ng/ul#	93
67) N-Nitrosodiphenylamine	15.575	169	69859	4.456	ng/ul	98
68) 4-Bromophenyl-phenylether	16.269	248	28395	4.656	ng/ul#	91
69) Hexachlorobenzene	16.375	284	33664	4.765	ng/ul	95
70) Atrazine	16.586	200	28864	5.192	ng/ul	96
71) Pentachlorophenol	16.763	266	20433	4.785	ng/ul	94
72) Phenanthrene	17.157	178	139885	4.869	ng/ul	99
74) Anthracene	17.245	178	129394	4.428	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.034	216	34336	4.103	ng/uL	97
76) Pentachlorobenzene	14.592	250	40170	4.797	ng/uL	98
77) Carbazole	17.557	167	112144	4.455	ng/ul	99
78) Di-n-butylphthalate	18.139	149	149115	4.887	ng/ul	99
80) Fluoranthene	19.263	202	172779	4.081	ng/ul	99
82) Pyrene	19.651	202	186570	4.235	ng/ul	98
83) Butylbenzylphthalate	20.627	149	69274	4.142	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.539	252	43014	3.434	ng/ul	88
85) Benzo(a)anthracene	21.586	228	192053	4.600	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.533	149	105944	4.391	ng/ul	99
87) Chrysene	21.657	228	185931	4.805	ng/ul	99
89) Di-n-octyl phthalate	22.827	149	176337	4.234	ng/ul	100
90) Benzo(b)fluoranthene	23.909	252	187095	4.836	ng/ul	99
91) Benzo(k)fluoranthene	23.974	252	183617	4.658	ng/ul	100
93) Benzo(a)pyrene	24.804	252	172316	4.681	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.792	276	205127	4.546	ng/ul	96
95) Dibenzo(a,h)anthracene	28.874	278	175958m	4.715	ng/ul	
96) Benzo(g,h,i)perylene	29.991	276	170496m	4.685	ng/ul	

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



#2
1,4-Dioxane
Concen: 1.035 ng/uL m
RT: 3.222 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP020409.D
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Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-QT2-2024-03

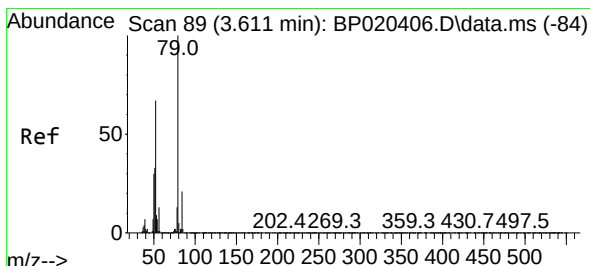
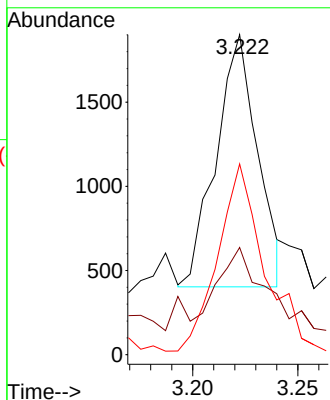
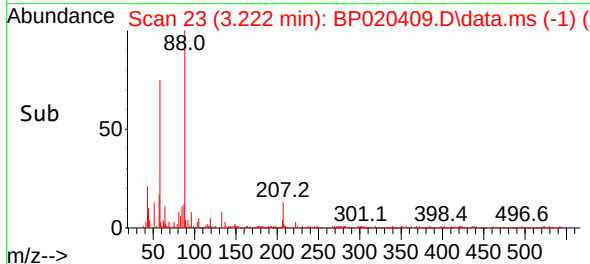


Tgt Ion: 88 Resp: 206
Ion Ratio Lower Upper
88 100
43 33.5 23.9 35.9
58 59.6 58.2 87.4

Manual Integrations
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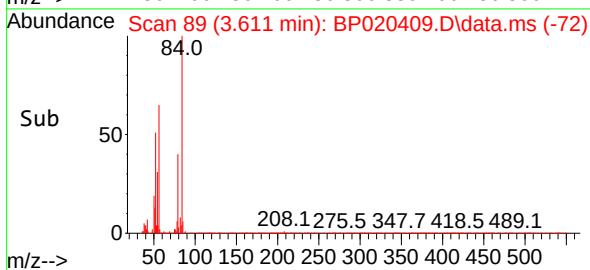
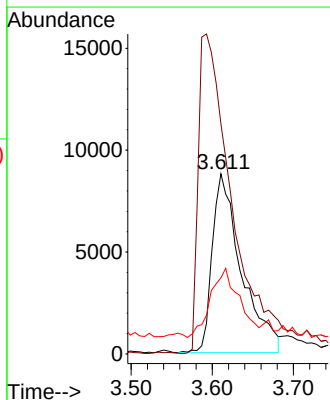
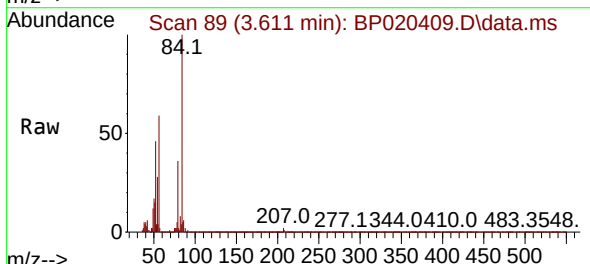
Reviewed By :Jagrut
Upadhyay
05/17/2024

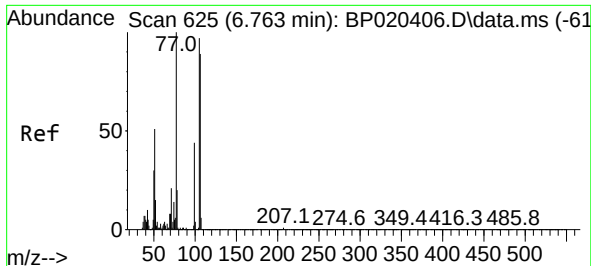
Supervised By :mohammad
ahmed
05/18/2024



#5
Pyridine
Concen: 4.258 ng/uL
RT: 3.611 min Scan# 89
Delta R.T. -0.000 min
Lab File: BP020409.D
Acq: 16 May 2024 12:59

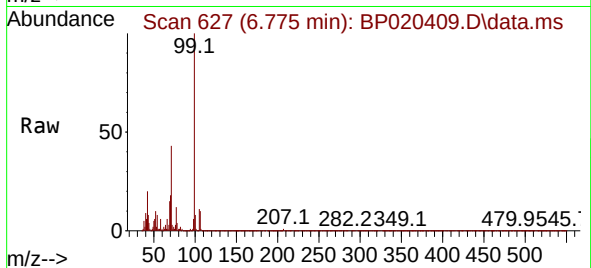
Tgt Ion: 79 Resp: 21984
Ion Ratio Lower Upper
79 100
52 127.7 60.7 91.1#
51 42.2 33.1 49.7





#6
Benzaldehyde
Concen: 5.299 ng/ul
RT: 6.775 min Scan# 61
Delta R.T. 0.012 min
Lab File: BP020409.D
Acq: 16 May 2024 12:59

Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-QT2-2024-03

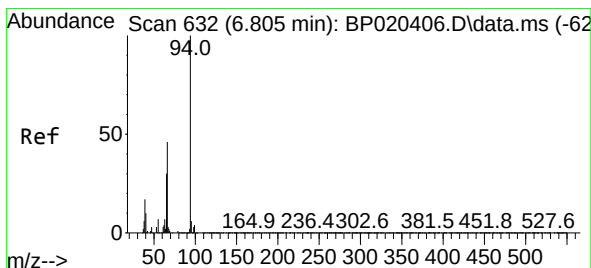
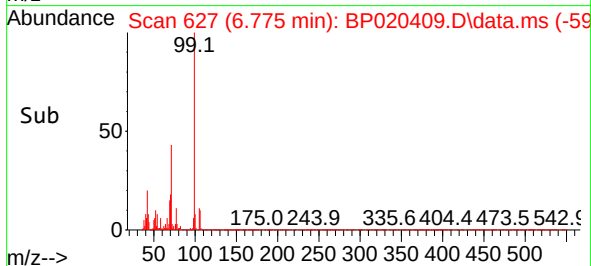
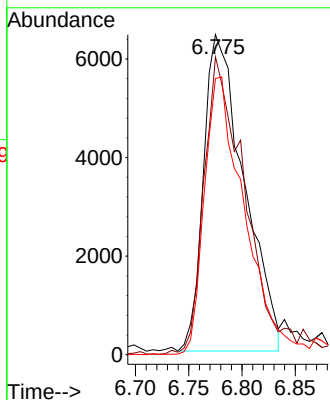


Tgt Ion: 77 Resp: 1696
Ion Ratio Lower Upper
77 100
105 93.0 75.4 113.2
106 86.3 68.2 102.2

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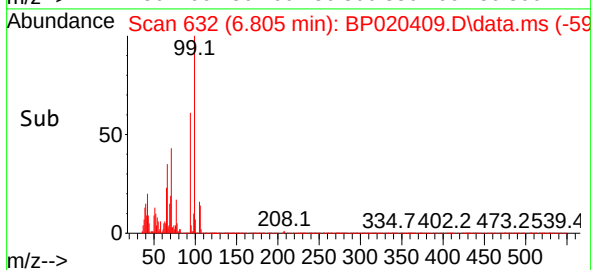
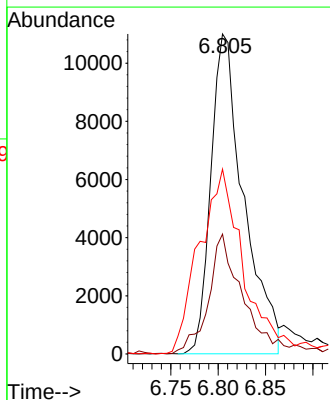
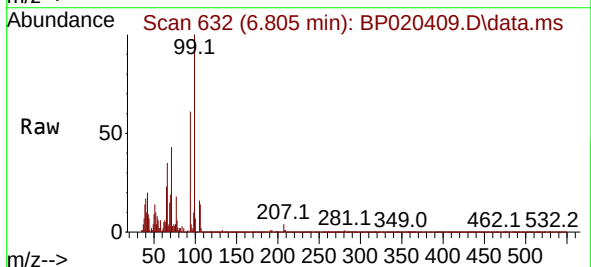
Reviewed By :Jagrut
Upadhyay
05/17/2024

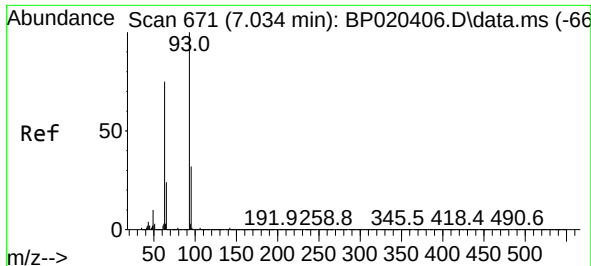
Supervised By :mohammad
ahmed
05/18/2024



#8
Phenol
Concen: 4.030 ng/ul
RT: 6.805 min Scan# 632
Delta R.T. -0.000 min
Lab File: BP020409.D
Acq: 16 May 2024 12:59

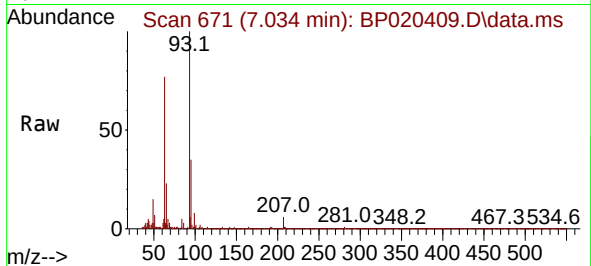
Tgt Ion: 94 Resp: 26503
Ion Ratio Lower Upper
94 100
65 37.4 26.1 39.1
66 57.7 38.6 57.8





#10
Bis(2-Chloroethyl)ether
Concen: 4.164 ng/ul
RT: 7.034 min Scan# 671
Delta R.T. -0.000 min
Lab File: BP020409.D
Acq: 16 May 2024 12:59

Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-QT2-2024-03

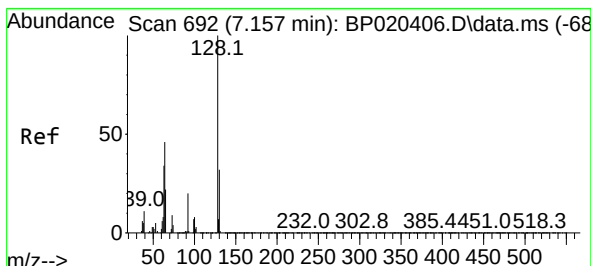
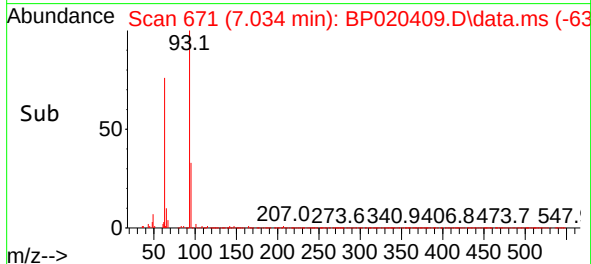
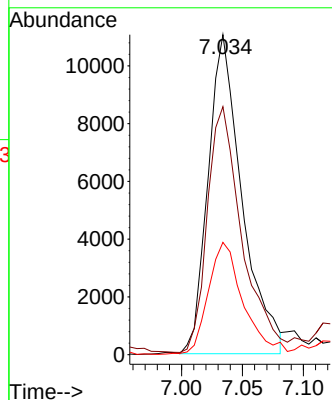


Tgt Ion	Ratio	Lower	Upper
93	100		
63	77.5	59.5	89.3
95	35.1	25.3	37.9

Manual Integrations
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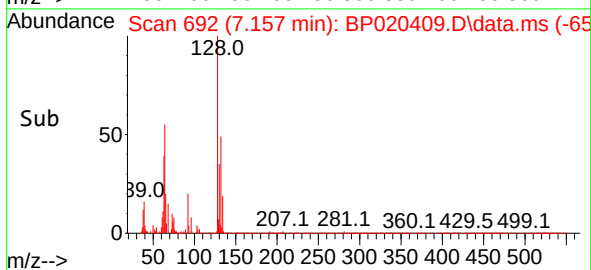
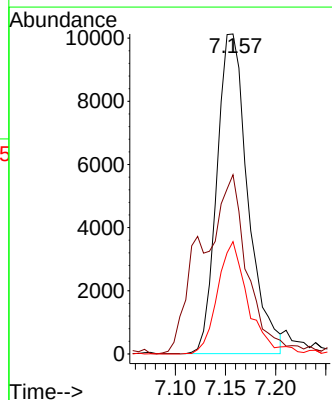
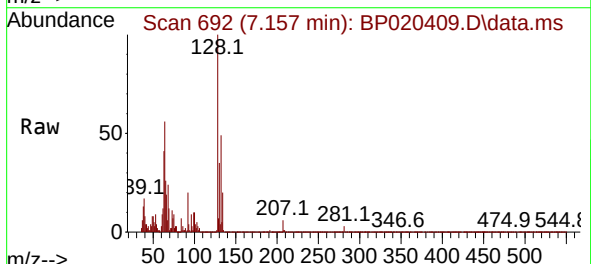
Reviewed By :Jagrut
Upadhyay
05/17/2024

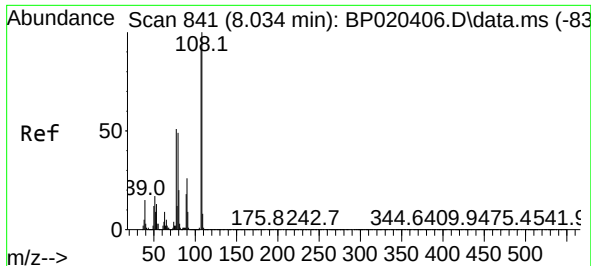
Supervised By :mohammad
ahmed
05/18/2024



#12
2-Chlorophenol
Concen: 4.586 ng/ul
RT: 7.157 min Scan# 692
Delta R.T. -0.000 min
Lab File: BP020409.D
Acq: 16 May 2024 12:59

Tgt Ion	Ratio	Lower	Upper
128	100		
64	56.0	43.8	65.6
130	35.1	26.5	39.7





#13
2-Methylphenol
Concen: 4.072 ng/ul
RT: 8.046 min Scan# 841
Delta R.T. 0.012 min
Lab File: BP020409.D
Acq: 16 May 2024 12:59

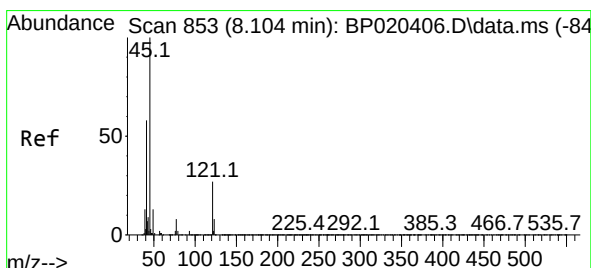
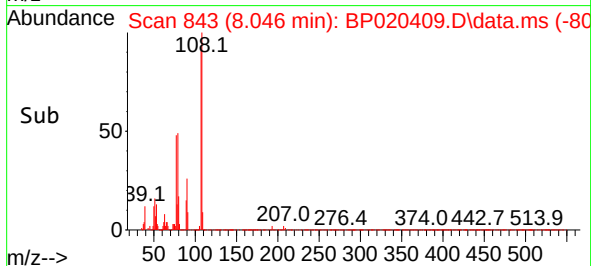
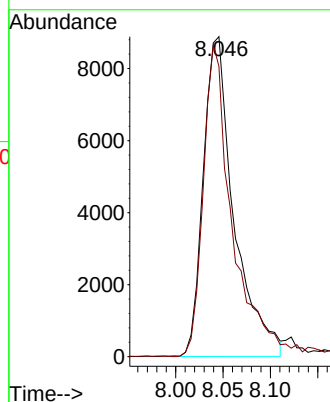
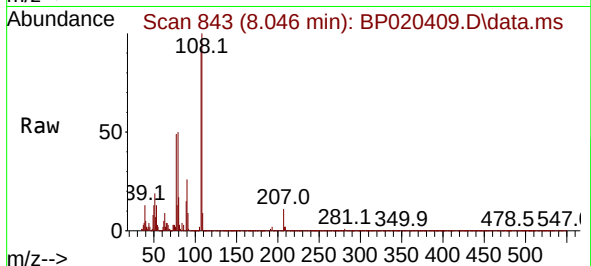
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Tgt Ion:108 Resp: 19970
Ion Ratio Lower Upper
108 100
107 90.8 73.0 109.6

Manual Integrations
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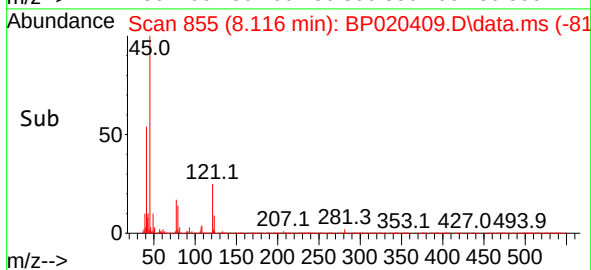
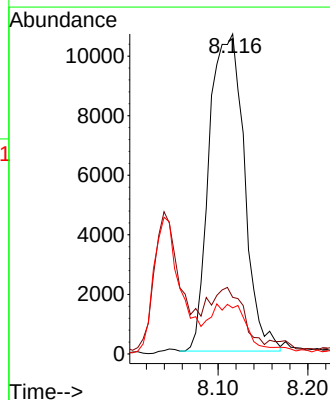
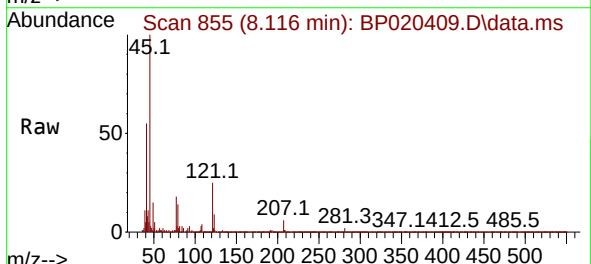
Reviewed By :Jagrut
Upadhyay
05/17/2024

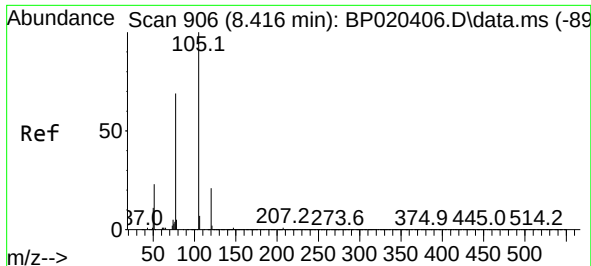
Supervised By :mohammad
ahmed
05/18/2024



#14
2,2'-oxybis(1-Chloropropane)
Concen: 4.484 ng/ul
RT: 8.116 min Scan# 855
Delta R.T. 0.012 min
Lab File: BP020409.D
Acq: 16 May 2024 12:59

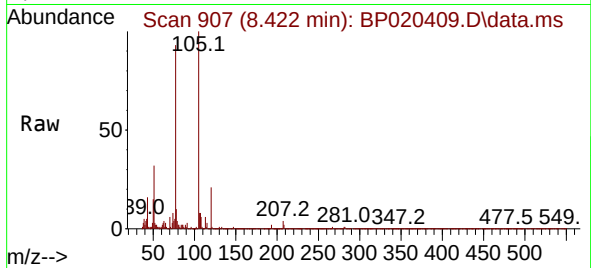
Tgt Ion: 45 Resp: 28782
Ion Ratio Lower Upper
45 100
77 17.7 13.8 20.8
79 14.4 10.9 16.3





#16
Acetophenone
Concen: 4.248 ng/ul
RT: 8.422 min Scan# 907
Delta R.T. 0.006 min
Lab File: BP020409.D
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MDL-SOIL-QT2-2024-03

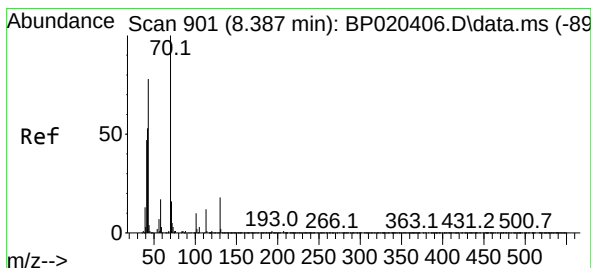
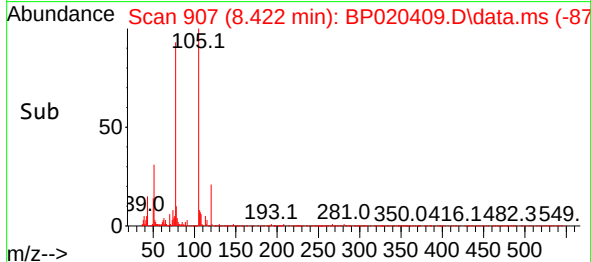
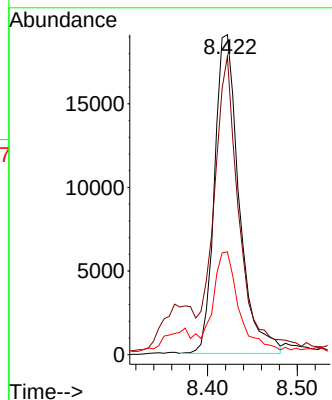


Tgt Ion: 105 Resp: 36319
Ion Ratio Lower Upper
105 100
77 93.3 66.4 99.6
51 32.2 23.9 35.9

Manual Integrations
APPROVED

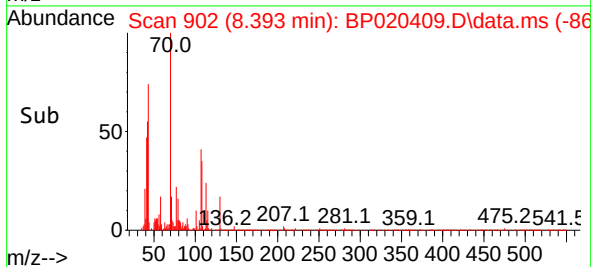
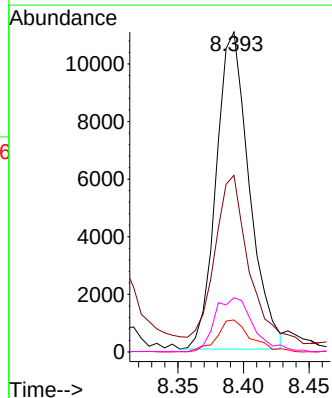
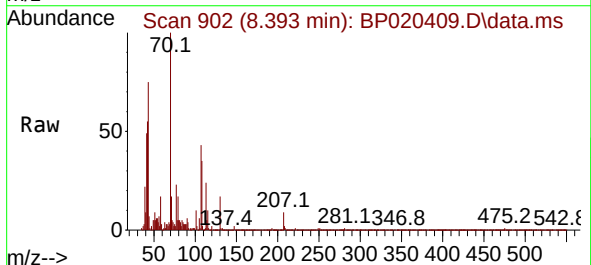
Reviewed By :Jagrut
Upadhyay
05/17/2024

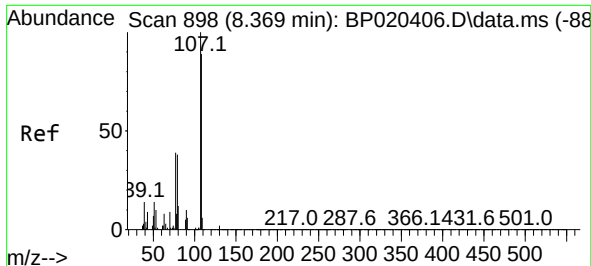
Supervised By :mohammad
ahmed
05/18/2024



#17
N-Nitroso-di-n-propylamine
Concen: 4.170 ng/ul
RT: 8.393 min Scan# 902
Delta R.T. 0.006 min
Lab File: BP020409.D
Acq: 16 May 2024 12:59

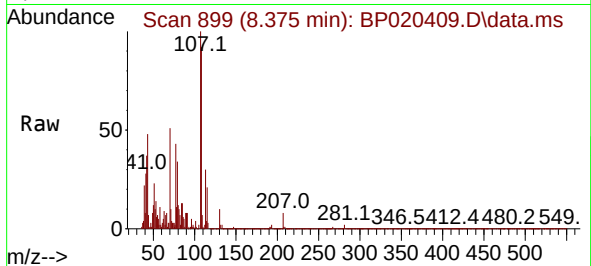
Tgt Ion: 70 Resp: 19345
Ion Ratio Lower Upper
70 100
42 55.2 46.2 69.4
101 10.0 7.8 11.6
130 17.0 15.4 23.0





#18
4-Methylphenol
Concen: 4.272 ng/ul m
RT: 8.375 min Scan# 898
Delta R.T. 0.006 min
Lab File: BP020409.D
Acq: 16 May 2024 12:59

Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-QT2-2024-03

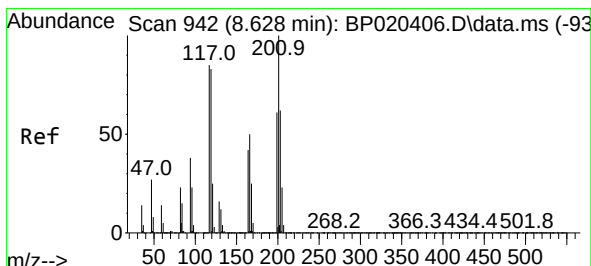
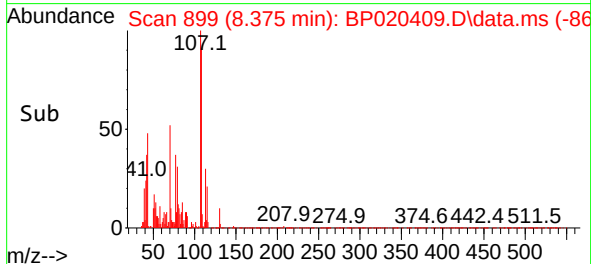
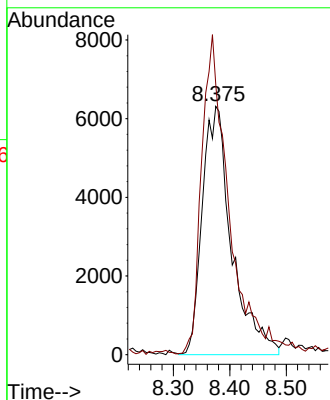


Tgt Ion:108 Resp: 22770
Ion Ratio Lower Upper
108 100
107 108.6 88.2 132.2

Manual Integrations
APPROVED

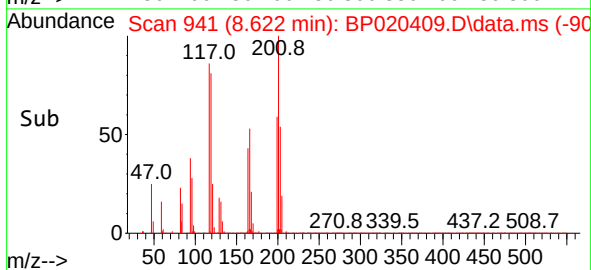
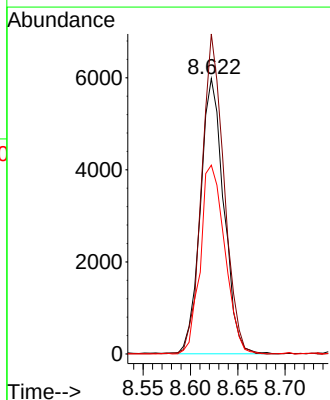
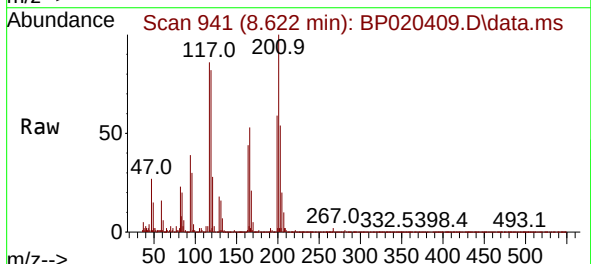
Reviewed By :Jagrut
Upadhyay
05/17/2024

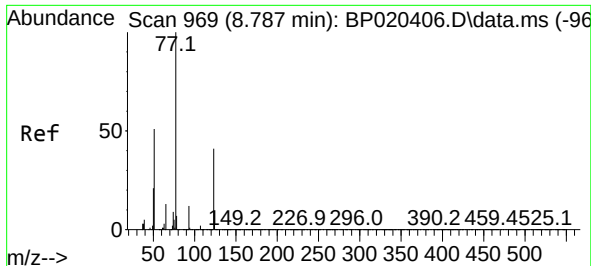
Supervised By :mohammad
ahmed
05/18/2024



#19
Hexachloroethane
Concen: 4.736 ng/ul
RT: 8.622 min Scan# 941
Delta R.T. -0.006 min
Lab File: BP020409.D
Acq: 16 May 2024 12:59

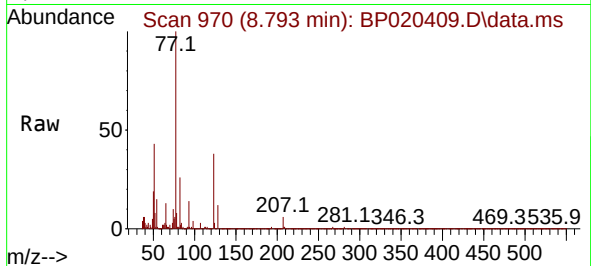
Tgt Ion:117 Resp: 10298
Ion Ratio Lower Upper
117 100
201 116.2 84.0 126.0
199 68.5 53.4 80.2





#22
Nitrobenzene
Concen: 4.708 ng/ul
RT: 8.793 min Scan# 91
Delta R.T. 0.006 min
Lab File: BP020409.D
Acq: 16 May 2024 12:59

Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-QT2-2024-03

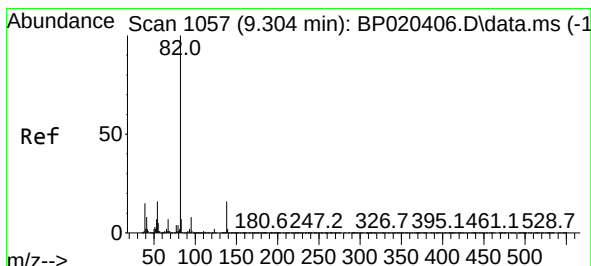
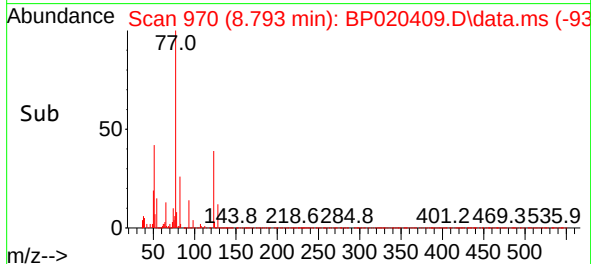
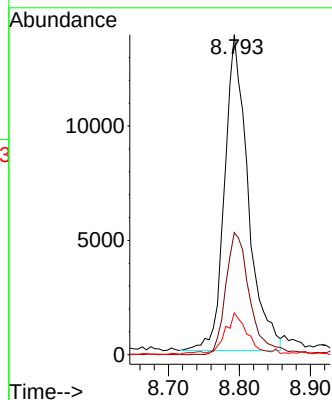


Tgt Ion: 77 Resp: 3166
Ion Ratio Lower Upper
77 100
123 38.2 31.4 47.2
65 13.1 11.4 17.2

Manual Integrations
APPROVED

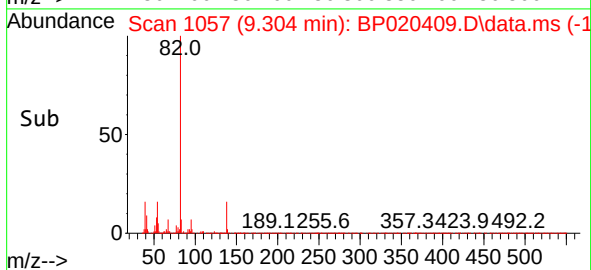
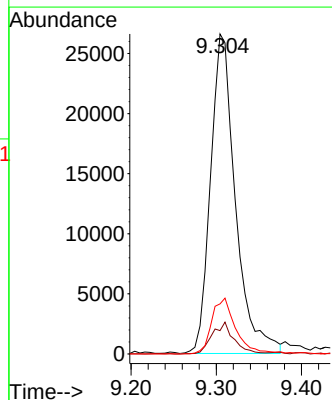
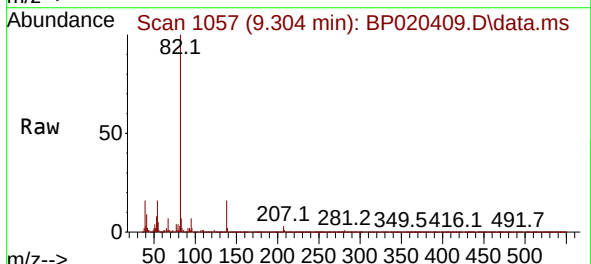
Reviewed By :Jagrut
Upadhyay
05/17/2024

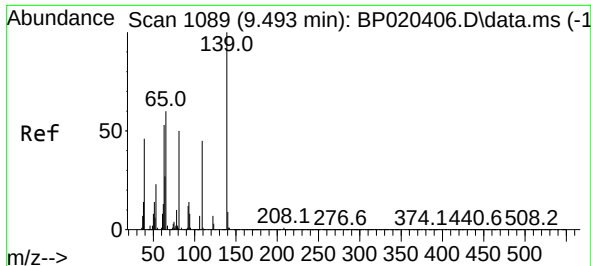
Supervised By :mohammad
ahmed
05/18/2024



#23
Isophorone
Concen: 4.181 ng/ul
RT: 9.304 min Scan# 1057
Delta R.T. -0.000 min
Lab File: BP020409.D
Acq: 16 May 2024 12:59

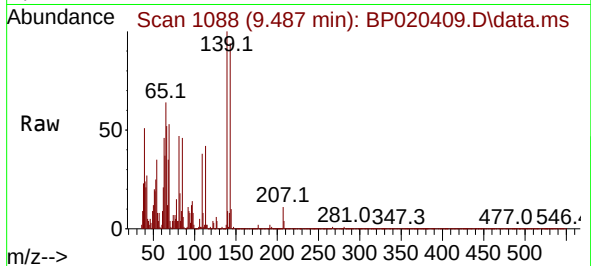
Tgt Ion: 82 Resp: 54072
Ion Ratio Lower Upper
82 100
95 7.3 6.6 9.8
138 15.6 12.9 19.3





#25
2-Nitrophenol
Concen: 4.633 ng/ul
RT: 9.487 min Scan# 1100
Delta R.T. -0.006 min
Lab File: BP020409.D
Acq: 16 May 2024 12:59

Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-QT2-2024-03

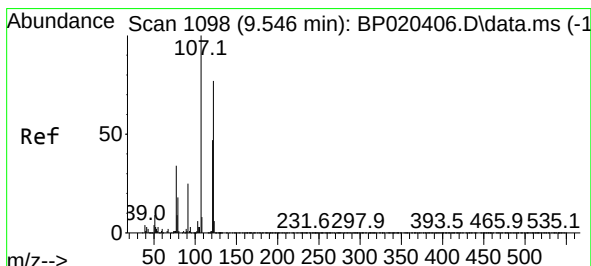
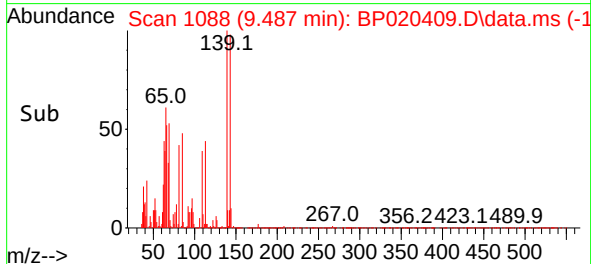
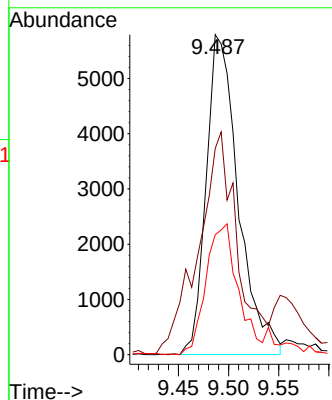


Tgt Ion:139 Resp: 12870
Ion Ratio Lower Upper
139 100
65 64.4 53.8 80.6
109 37.5 35.3 52.9

Manual Integrations
APPROVED

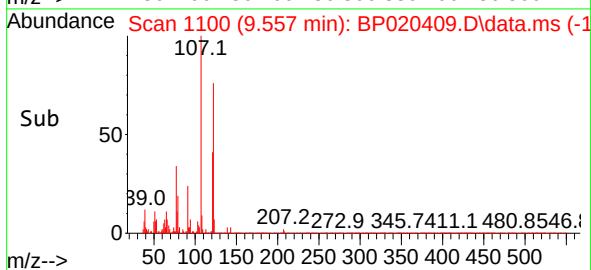
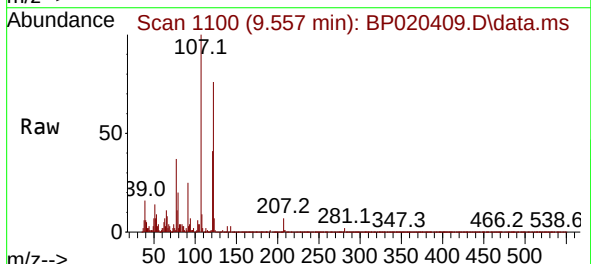
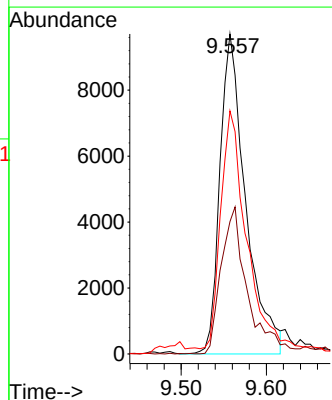
Reviewed By :Jagrut
Upadhyay
05/17/2024

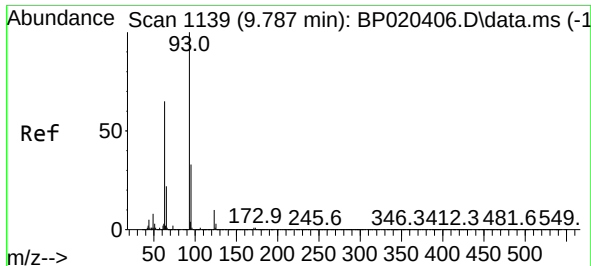
Supervised By :mohammad
ahmed
05/18/2024



#26
2,4-Dimethylphenol
Concen: 3.364 ng/ul
RT: 9.557 min Scan# 1100
Delta R.T. 0.012 min
Lab File: BP020409.D
Acq: 16 May 2024 12:59

Tgt Ion:107 Resp: 20399
Ion Ratio Lower Upper
107 100
121 41.3 36.0 54.0
122 76.0 59.4 89.2





#27

Bis(2-Chloroethoxy)methane

Concen: 4.284 ng/ul

RT: 9.798 min Scan# 1139

Delta R.T. 0.012 min

Lab File: BP020409.D

Acq: 16 May 2024 12:59

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-QT2-2024-03

Tgt Ion:	93	Resp:	30720
Ion Ratio	Lower	Upper	
93	100		
95	35.0	25.6	38.4
123	11.2	8.3	12.5

Manual Integrations

APPROVED

Reviewed By :Jagrut

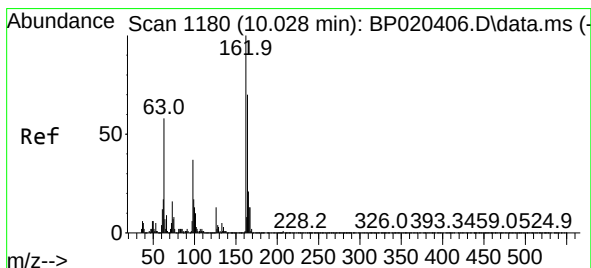
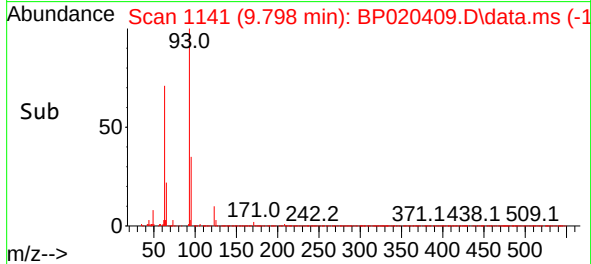
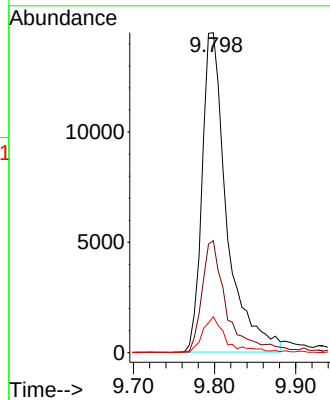
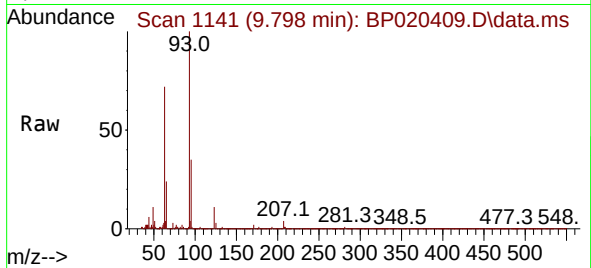
Upadhyay

05/17/2024

Supervised By :mohammad

ahmed

05/18/2024



#29

2,4-Dichlorophenol

Concen: 4.659 ng/ul

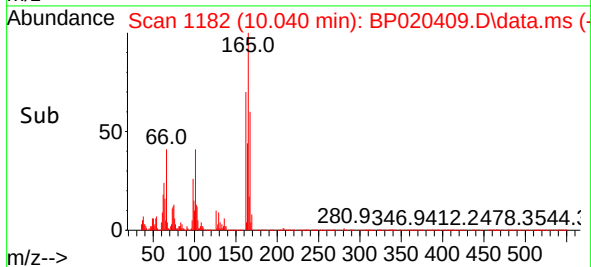
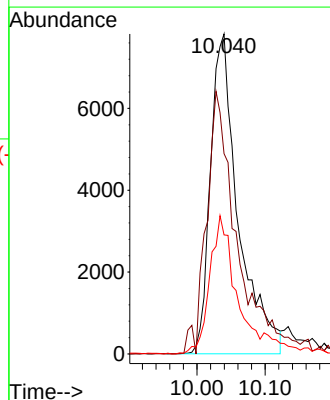
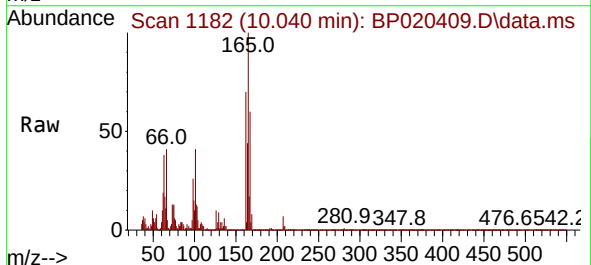
RT: 10.040 min Scan# 1182

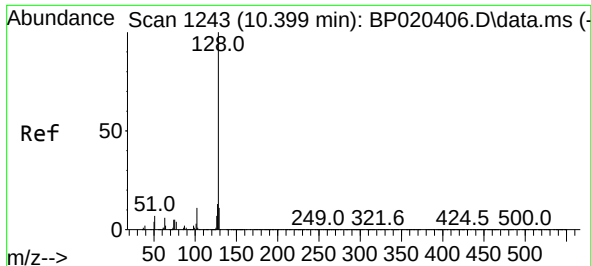
Delta R.T. 0.012 min

Lab File: BP020409.D

Acq: 16 May 2024 12:59

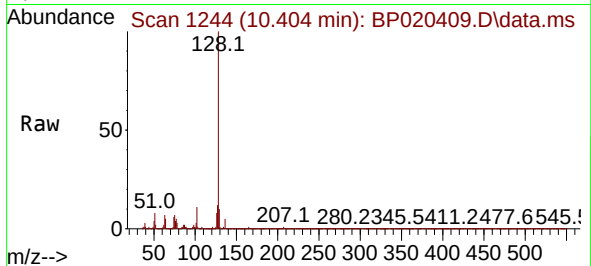
Tgt Ion:	162	Resp:	22190
Ion Ratio	Lower	Upper	
162	100		
164	62.6	53.1	79.7
98	37.2	31.4	47.2





#30
Naphthalene
Concen: 4.846 ng/ul
RT: 10.404 min Scan# 1244
Delta R.T. 0.006 min
Lab File: BP020409.D
Acq: 16 May 2024 12:59

Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-QT2-2024-03

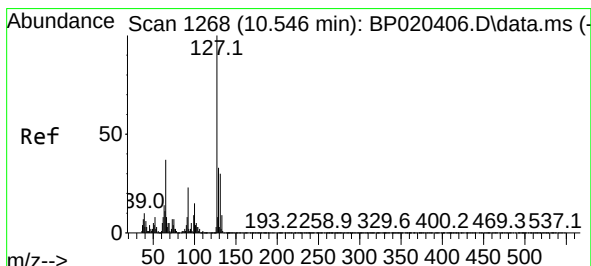
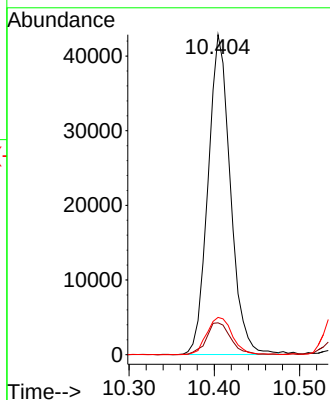
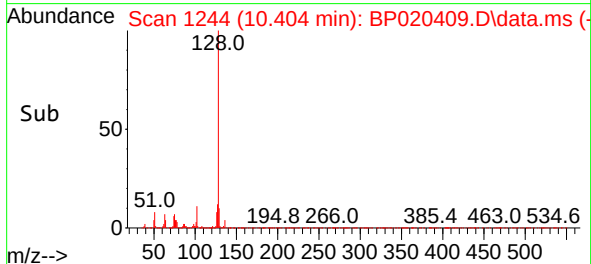


Tgt Ion:128 Resp: 7815
Ion Ratio Lower Upper
128 100
129 9.9 8.9 13.3
127 11.6 10.6 16.0

Manual Integrations
APPROVED

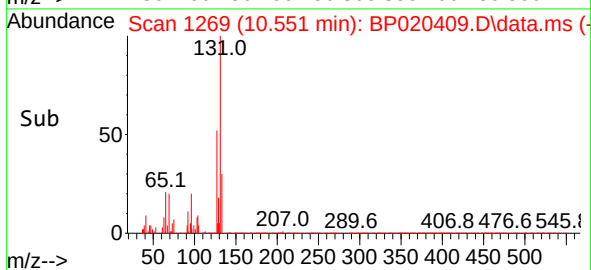
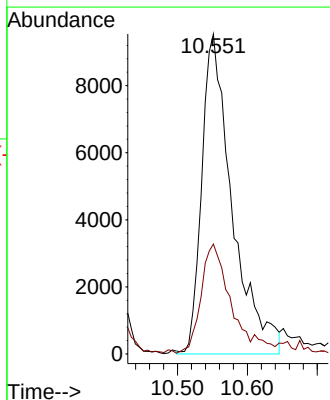
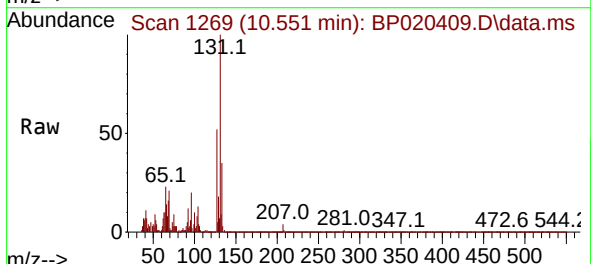
Reviewed By :Jagrut
Upadhyay
05/17/2024

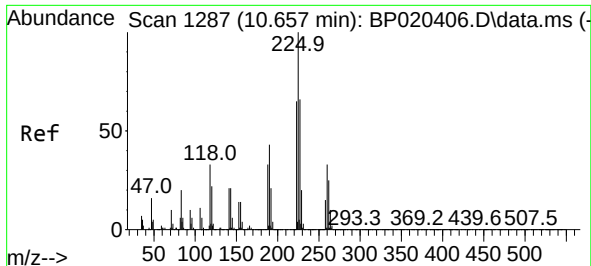
Supervised By :mohammad
ahmed
05/18/2024



#32
4-Chloroaniline
Concen: 4.298 ng/ul m
RT: 10.551 min Scan# 1269
Delta R.T. 0.006 min
Lab File: BP020409.D
Acq: 16 May 2024 12:59

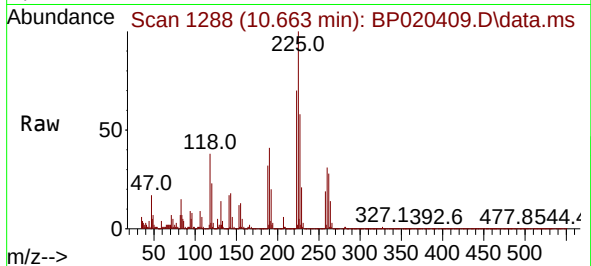
Tgt Ion:127 Resp: 28806
Ion Ratio Lower Upper
127 100
129 34.4 24.8 37.2





#33
Hexachlorobutadiene
Concen: 4.918 ng/ul
RT: 10.663 min Scan# 1411
Delta R.T. 0.006 min
Lab File: BP020409.D
Acq: 16 May 2024 12:59

Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-QT2-2024-03

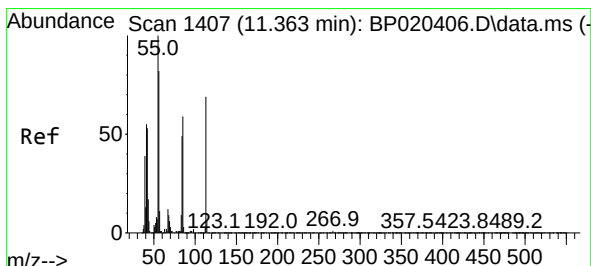
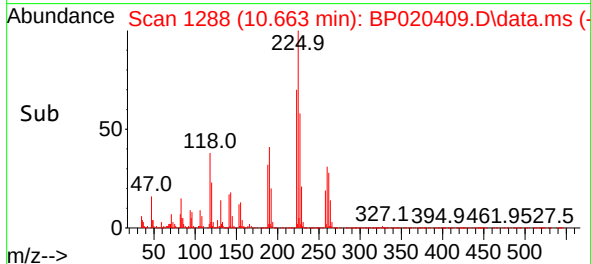
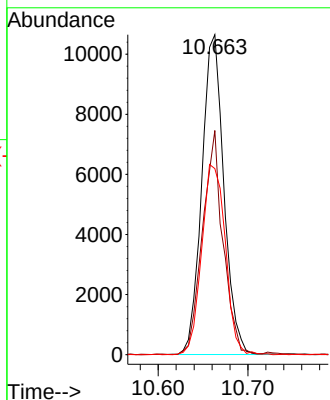


Tgt Ion:225 Resp: 1819
Ion Ratio Lower Upper
225 100
223 70.0 53.2 79.8
227 58.1 51.4 77.0

Manual Integrations
APPROVED

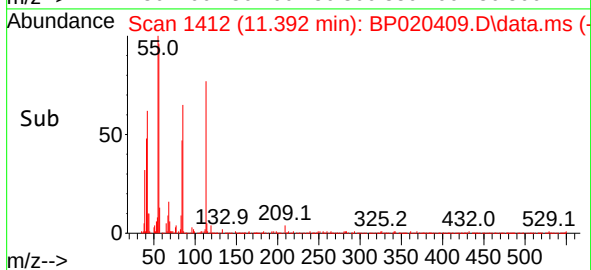
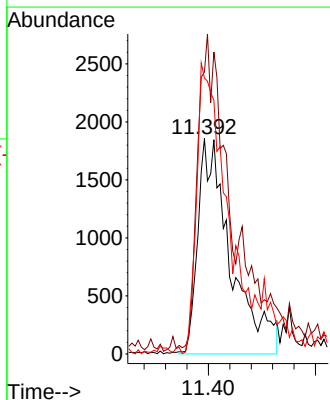
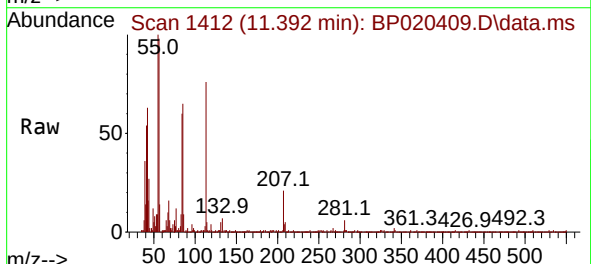
Reviewed By :Jagrut
Upadhyay
05/17/2024

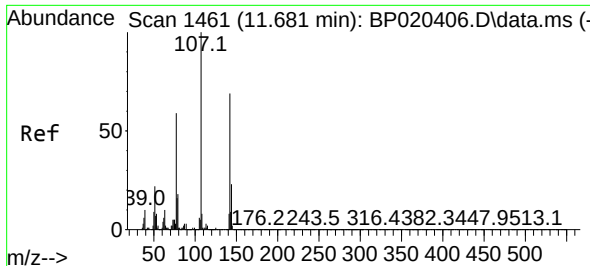
Supervised By :mohammad
ahmed
05/18/2024



#34
Caprolactam
Concen: 4.740 ng/ul m
RT: 11.392 min Scan# 1412
Delta R.T. 0.029 min
Lab File: BP020409.D
Acq: 16 May 2024 12:59

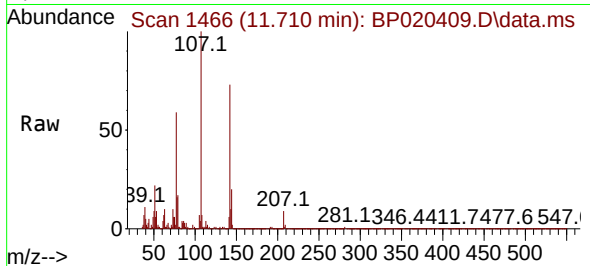
Tgt Ion:113 Resp: 7882
Ion Ratio Lower Upper
113 100
55 130.9 131.0 196.6#
56 128.0 105.4 158.2





#35
4-Chloro-3-methylphenol
Concen: 3.857 ng/ul
RT: 11.710 min Scan# 1466
Delta R.T. 0.029 min
Lab File: BP020409.D
Acq: 16 May 2024 12:59

Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-QT2-2024-03

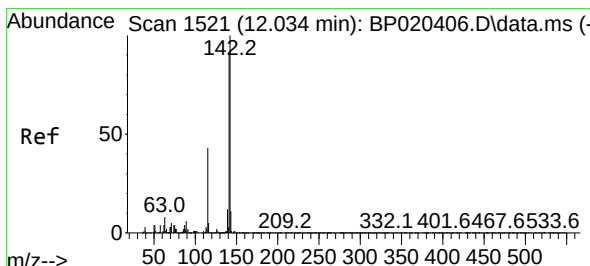
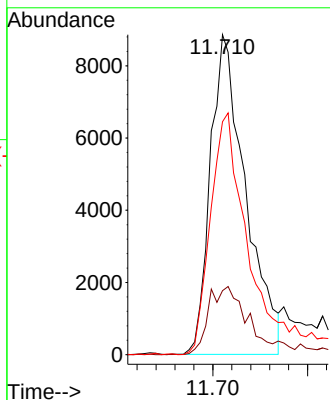
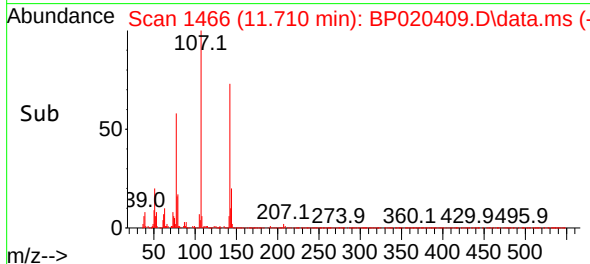


Tgt Ion:107 Resp: 2287
Ion Ratio Lower Upper
107 100
144 20.0 18.3 27.5
142 72.8 56.6 84.8

Manual Integrations
APPROVED

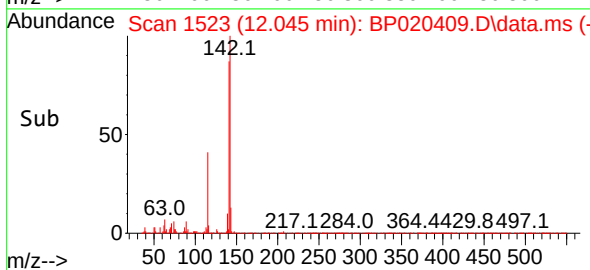
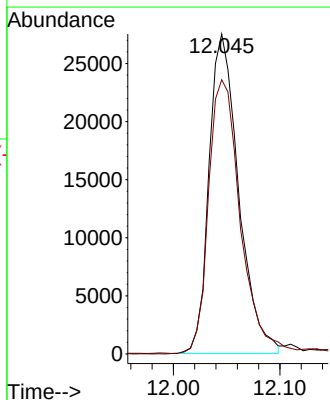
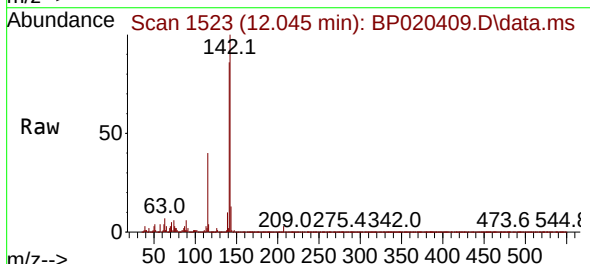
Reviewed By :Jagrut
Upadhyay
05/17/2024

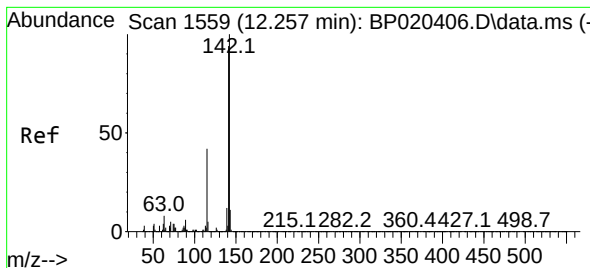
Supervised By :mohammad
ahmed
05/18/2024



#36
2-Methylnaphthalene
Concen: 4.738 ng/ul
RT: 12.045 min Scan# 1523
Delta R.T. 0.012 min
Lab File: BP020409.D
Acq: 16 May 2024 12:59

Tgt Ion:142 Resp: 53174
Ion Ratio Lower Upper
142 100
141 85.7 74.6 111.8





#37

1-Methylnaphthalene

Concen: 5.082 ng/ul

RT: 12.263 min Scan# 1559

Delta R.T. 0.006 min

Lab File: BP020409.D

Acq: 16 May 2024 12:59

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-QT2-2024-03

Tgt Ion:	142	Resp:	57392
Ion Ratio	Lower	Upper	
142	100		
141	91.6	75.5	113.3
116	5.0	3.9	5.9

Manual Integrations

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Reviewed By :Jagrut

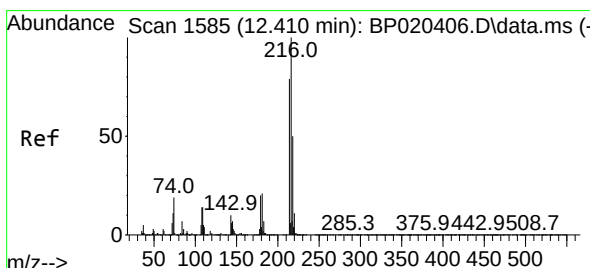
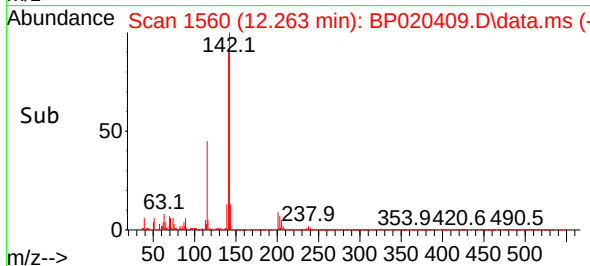
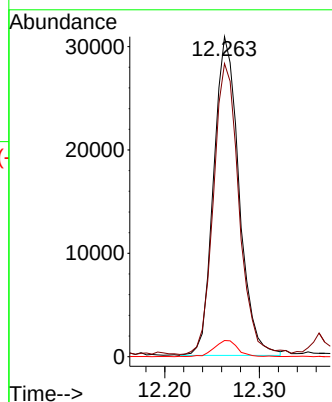
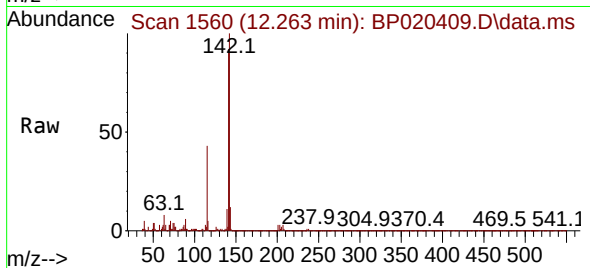
Upadhyay

05/17/2024

Supervised By :mohammad

ahmed

05/18/2024



#39

1,2,4,5-Tetrachlorobenzene

Concen: 4.865 ng/ul

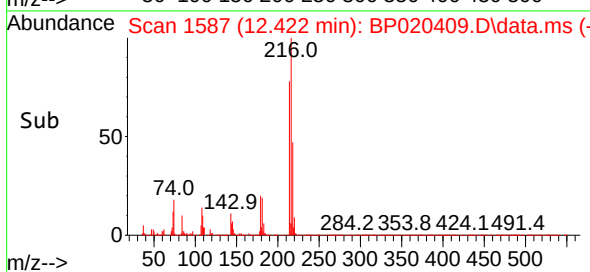
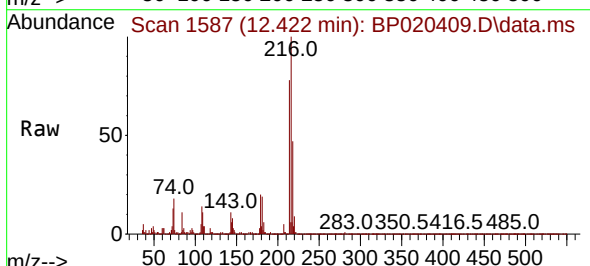
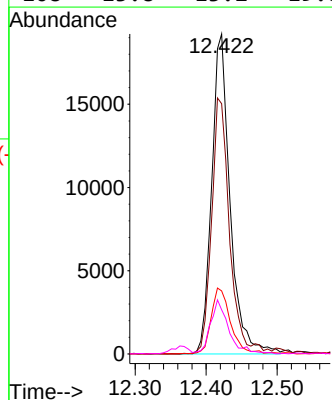
RT: 12.422 min Scan# 1587

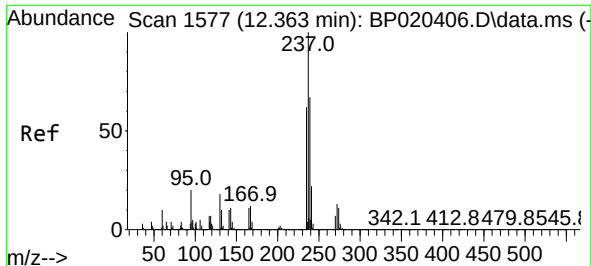
Delta R.T. 0.012 min

Lab File: BP020409.D

Acq: 16 May 2024 12:59

Tgt Ion:	216	Resp:	34639
Ion Ratio	Lower	Upper	
216	100		
214	78.2	61.3	91.9
179	19.7	16.9	25.3
108	13.8	13.2	19.8





#40
Hexachlorocyclopentadiene
Concen: 5.533 ng/ul
RT: 12.369 min Scan# 1577
Delta R.T. 0.006 min
Lab File: BP020409.D
Acq: 16 May 2024 12:59

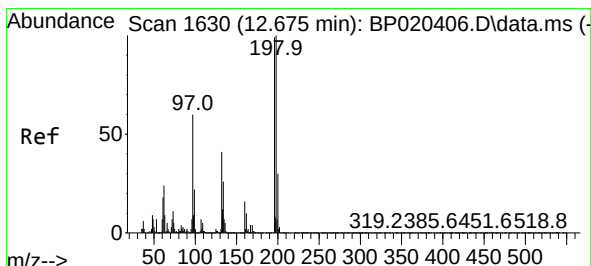
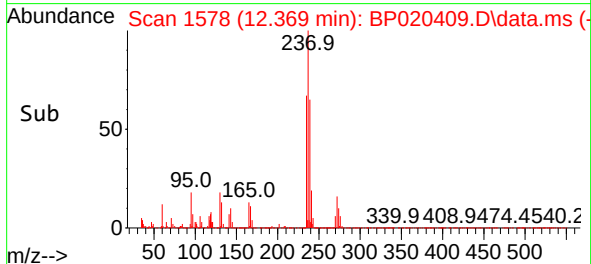
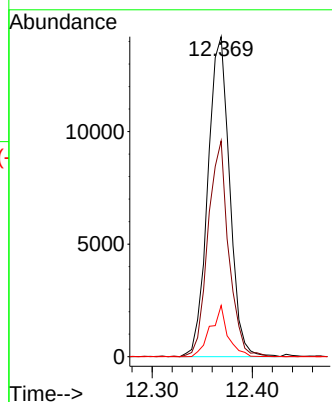
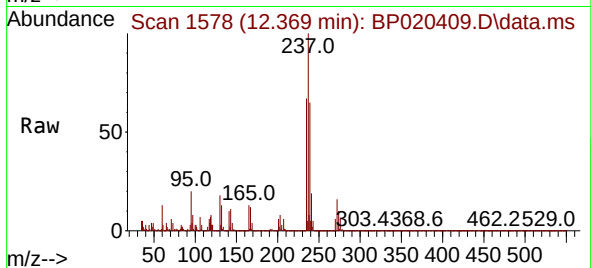
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-QT2-2024-03

Tgt Ion	Ratio	Lower	Upper
237	100		
235	67.4	52.4	78.6
272	16.0	10.0	15.0

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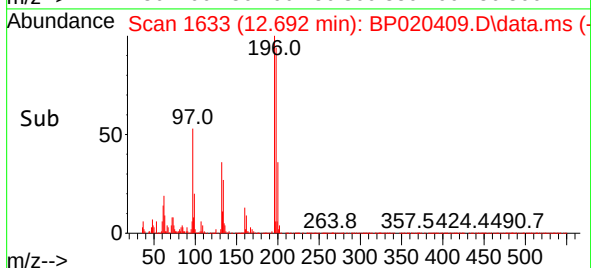
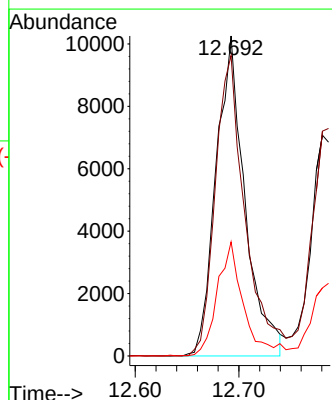
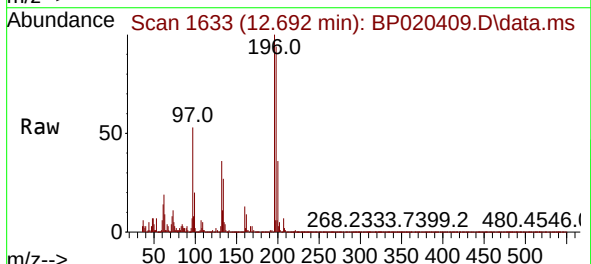
Reviewed By :Jagrut
Upadhyay
05/17/2024

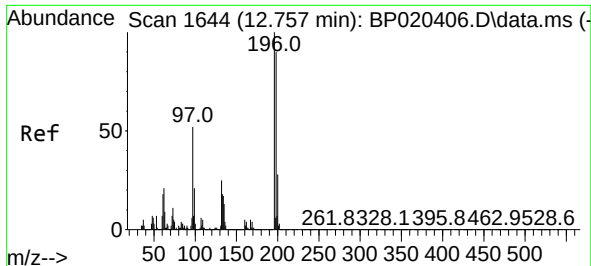
Supervised By :mohammad
ahmed
05/18/2024



#41
2,4,6-Trichlorophenol
Concen: 4.477 ng/ul m
RT: 12.692 min Scan# 1633
Delta R.T. 0.018 min
Lab File: BP020409.D
Acq: 16 May 2024 12:59

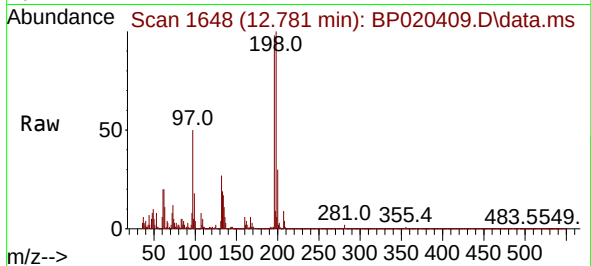
Tgt Ion	Ratio	Lower	Upper
196	100		
198	93.9	75.8	113.8
200	35.6	24.8	37.2





#42
2,4,5-Trichlorophenol
Concen: 4.552 ng/ul m
RT: 12.781 min Scan# 1648
Delta R.T. 0.023 min
Lab File: BP020409.D
Acq: 16 May 2024 12:59

Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-QT2-2024-03

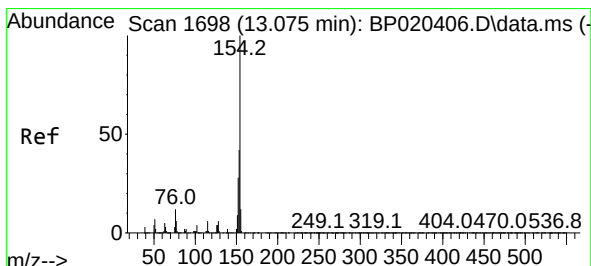
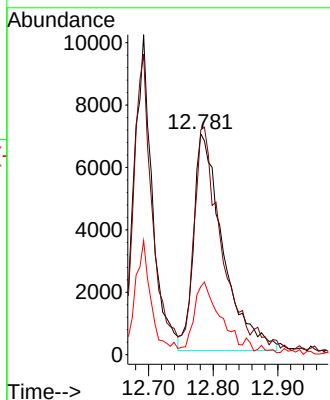
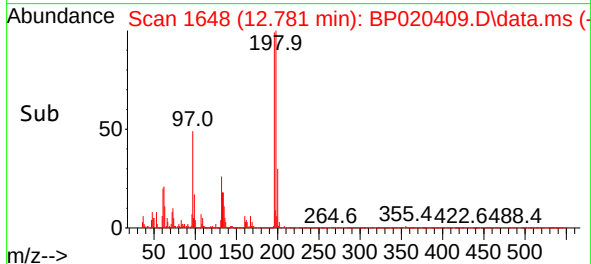


Tgt Ion:196 Resp: 2187
Ion Ratio Lower Upper
196 100
198 101.8 73.5 110.3
200 30.8 24.4 36.6

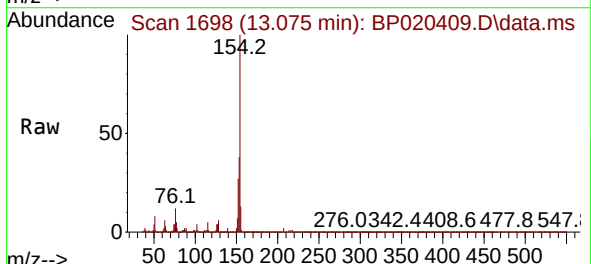
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Reviewed By :Jagrut
Upadhyay
05/17/2024

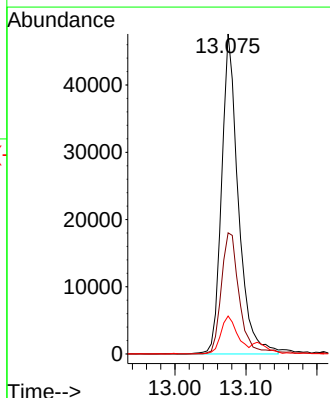
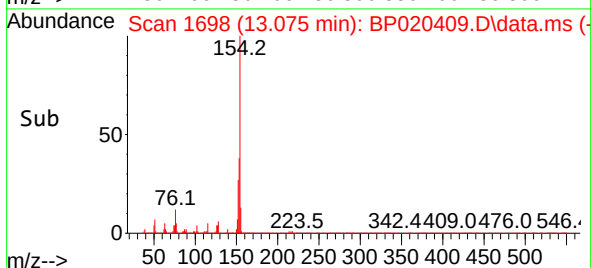
Supervised By :mohammad
ahmed
05/18/2024

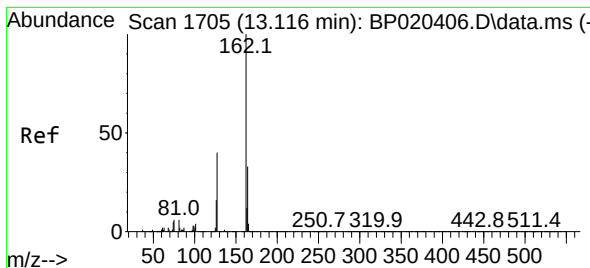


#43
1,1'-Biphenyl
Concen: 4.796 ng/ul
RT: 13.075 min Scan# 1698
Delta R.T. -0.000 min
Lab File: BP020409.D
Acq: 16 May 2024 12:59



Tgt Ion:154 Resp: 77446
Ion Ratio Lower Upper
154 100
153 37.8 33.1 49.7
76 11.9 9.7 14.5





#44

2-Chloronaphthalene

Concen: 4.642 ng/ul

RT: 13.122 min Scan# 1705

Delta R.T. 0.006 min

Lab File: BP020409.D

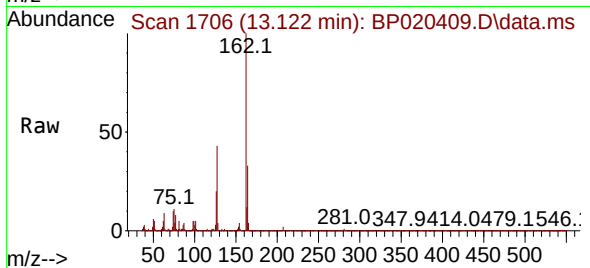
Acq: 16 May 2024 12:59

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-QT2-2024-03



Tgt Ion:	162	Resp:	5948
Ion Ratio	Lower	Upper	
162	100		
164	32.9	26.1	39.1
127	43.2	33.6	50.4

Manual Integrations

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Reviewed By :Jagrut

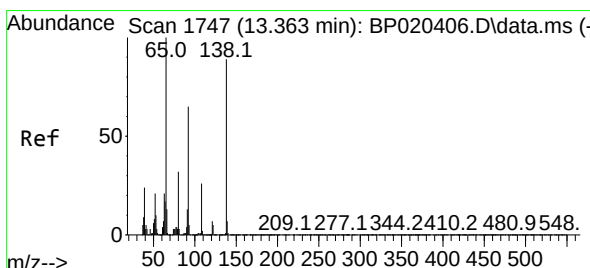
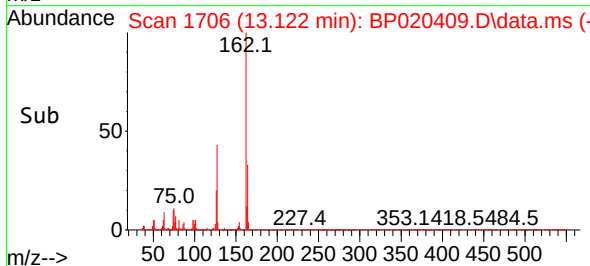
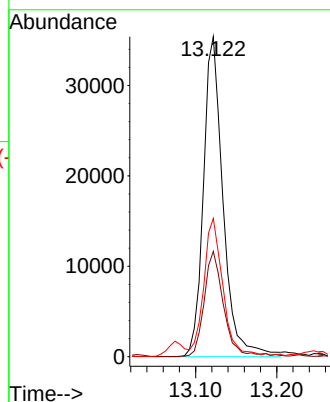
Upadhyay

05/17/2024

Supervised By :mohammad

ahmed

05/18/2024



#45

2-Nitroaniline

Concen: 3.812 ng/ul m

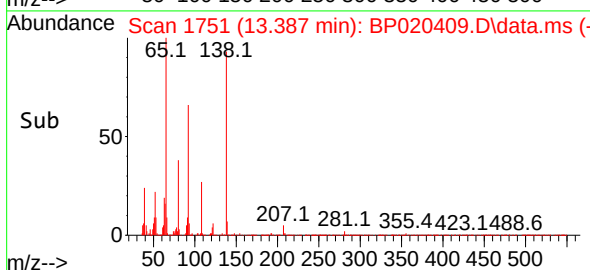
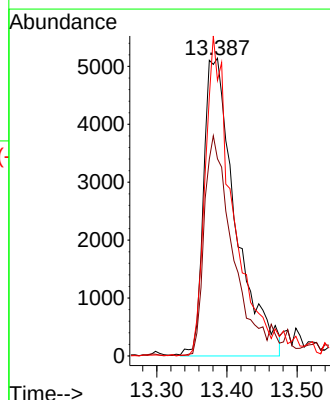
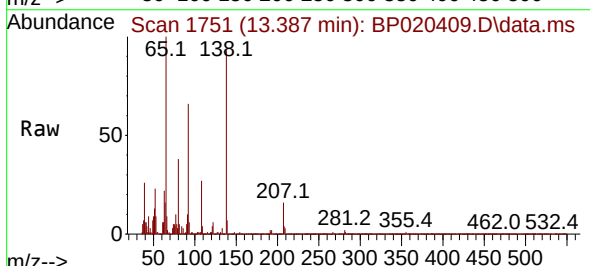
RT: 13.387 min Scan# 1751

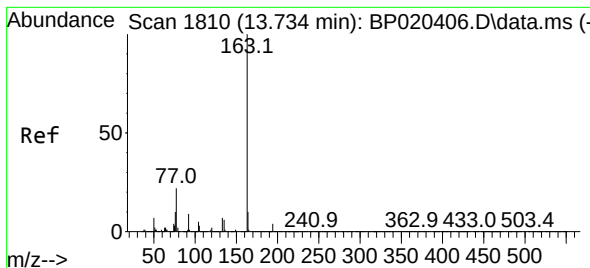
Delta R.T. 0.023 min

Lab File: BP020409.D

Acq: 16 May 2024 12:59

Tgt Ion:	65	Resp:	16202
Ion Ratio	Lower	Upper	
65	100		
92	66.2	55.6	83.4
138	92.6	73.1	109.7





#47

Dimethylphthalate

Concen: 4.950 ng/ul

RT: 13.734 min Scan# 1810

Delta R.T. -0.000 min

Lab File: BP020409.D

Acq: 16 May 2024 12:59

Instrument :

BNA_P

ClientSampleId :

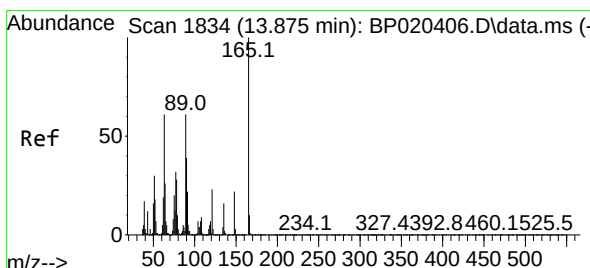
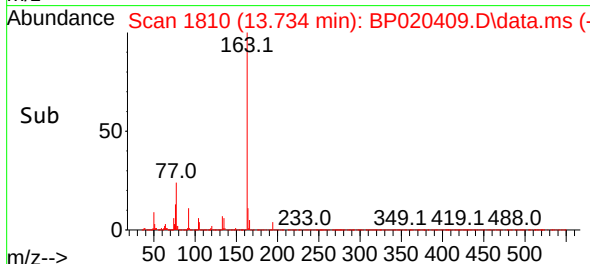
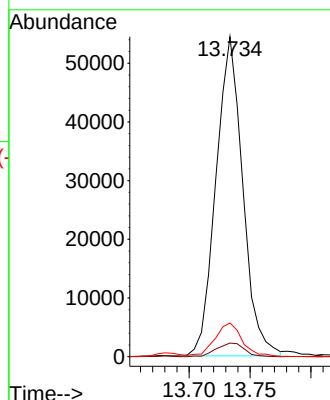
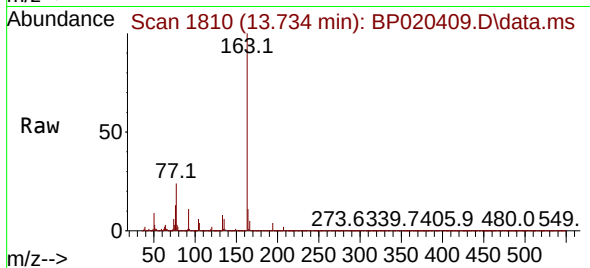
MDL-SOIL-QT2-2024-03

Tgt Ion:	163	Resp:	8336
Ion Ratio	Lower	Upper	
163	100		
194	4.3	3.1	4.7
164	10.5	8.2	12.4

Manual Integrations
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Reviewed By :Jagrut
Upadhyay
05/17/2024

Supervised By :mohammad
ahmed
05/18/2024



#48

2,6-Dinitrotoluene

Concen: 4.511 ng/ul

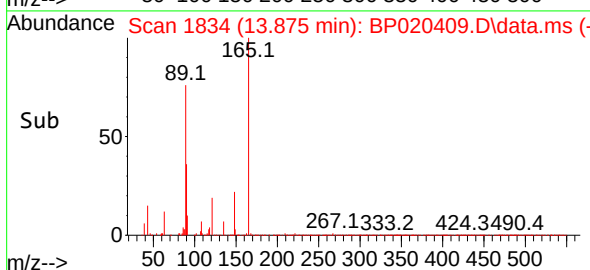
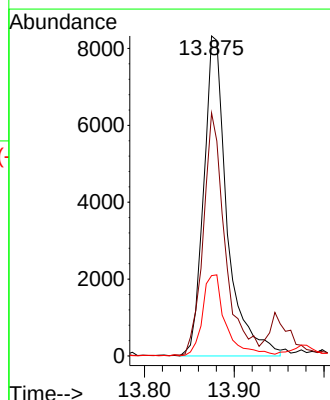
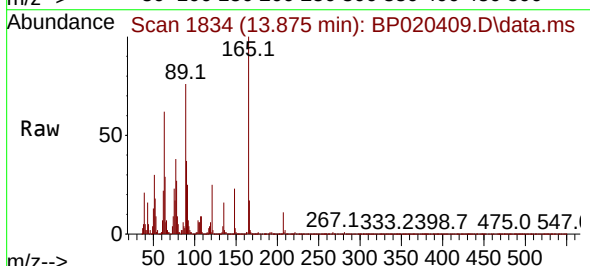
RT: 13.875 min Scan# 1834

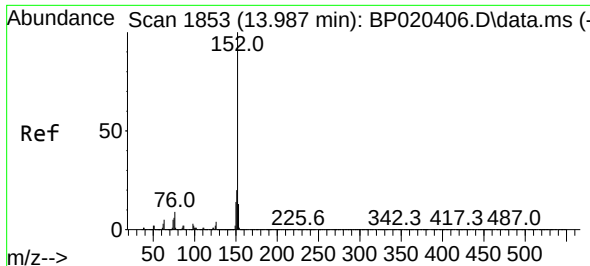
Delta R.T. -0.000 min

Lab File: BP020409.D

Acq: 16 May 2024 12:59

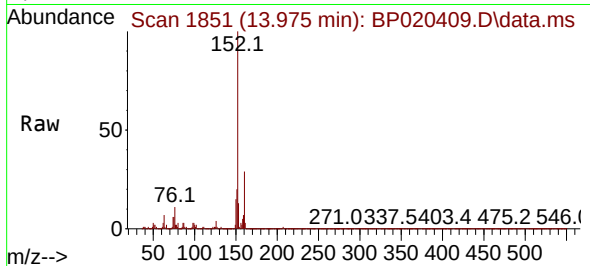
Tgt Ion:	165	Resp:	15104
Ion Ratio	Lower	Upper	
165	100		
89	76.0	51.0	76.6
121	25.1	18.5	27.7





#50
Acenaphthylene
Concen: 4.953 ng/ul
RT: 13.975 min Scan# 1851
Delta R.T. -0.012 min
Lab File: BP020409.D
Acq: 16 May 2024 12:59

Instrument : BNA_P
ClientSampleId : MDL-SOIL-QT2-2024-03

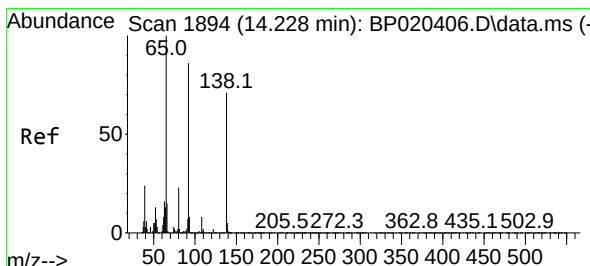
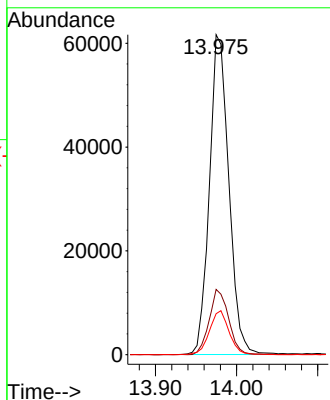
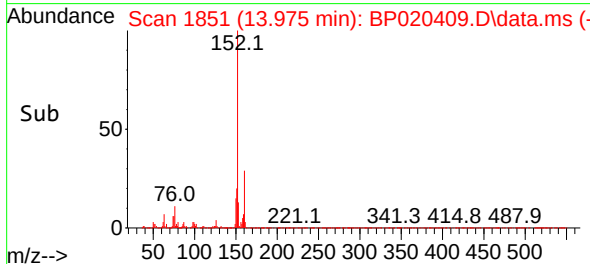


Tgt Ion:152 Resp: 102610
Ion Ratio Lower Upper
152 100
151 20.4 16.5 24.7
153 12.8 10.3 15.5

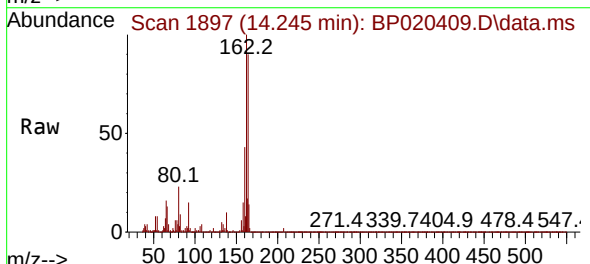
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Reviewed By :Jagrut
Upadhyay
05/17/2024

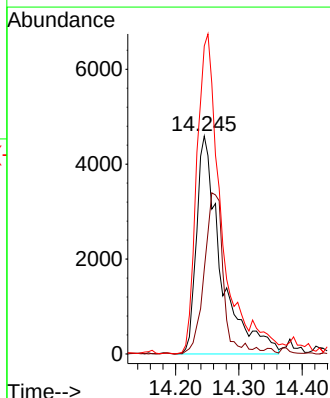
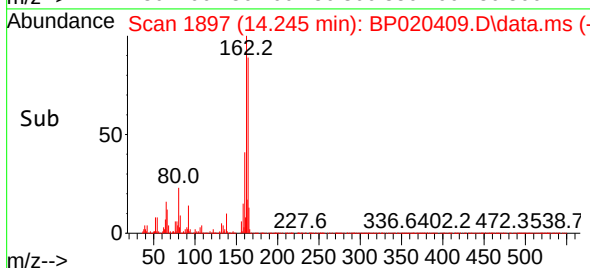
Supervised By :mohammad
ahmed
05/18/2024

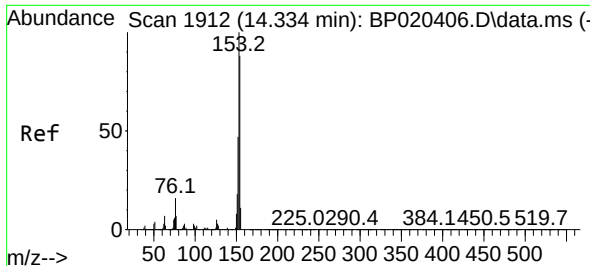


#51
3-Nitroaniline
Concen: 3.954 ng/ul m
RT: 14.245 min Scan# 1897
Delta R.T. 0.018 min
Lab File: BP020409.D
Acq: 16 May 2024 12:59



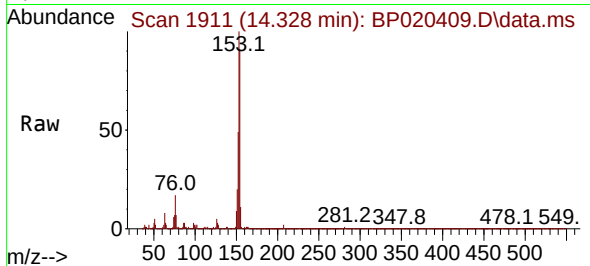
Tgt Ion:138 Resp: 12347
Ion Ratio Lower Upper
138 100
108 38.9 10.8 16.2#
92 141.4 103.3 154.9





#52
Acenaphthene
Concen: 4.824 ng/ul
RT: 14.328 min Scan# 1911
Delta R.T. -0.006 min
Lab File: BP020409.D
Acq: 16 May 2024 12:59

Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-QT2-2024-03

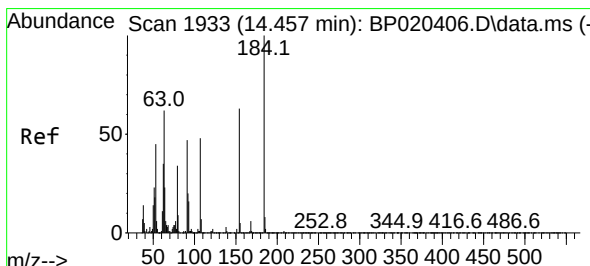
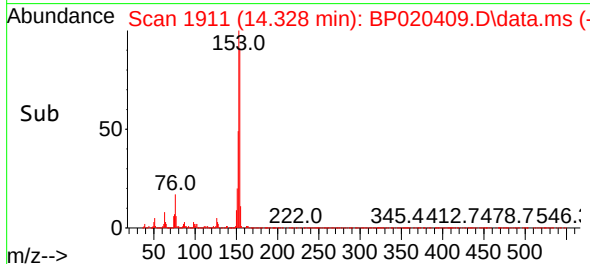
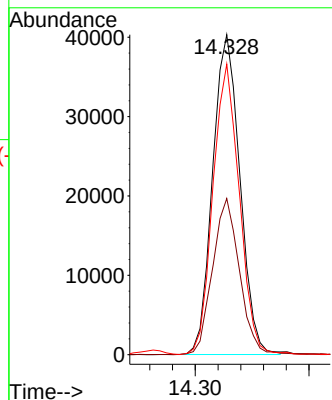


Tgt Ion:153 Resp: 67164
Ion Ratio Lower Upper
153 100
152 48.8 37.4 56.2
154 90.8 70.3 105.5

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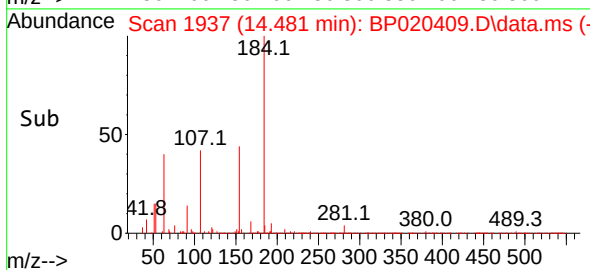
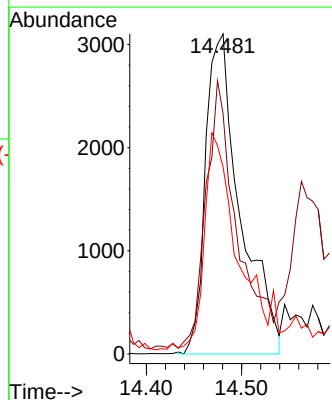
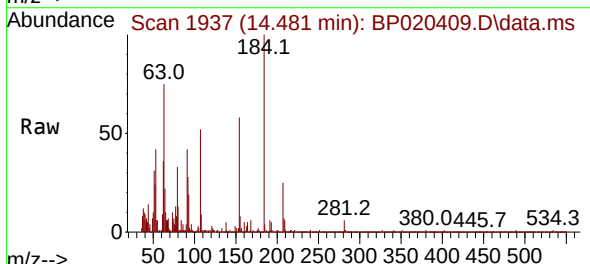
Reviewed By :Jagrut
Upadhyay
05/17/2024

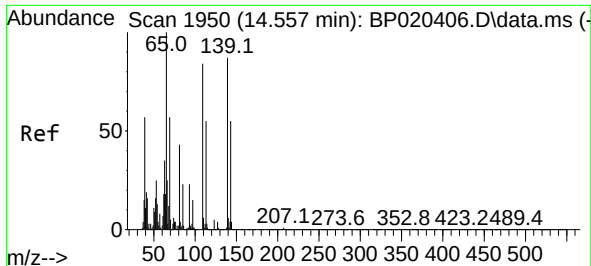
Supervised By :mohammad
ahmed
05/18/2024



#53
2,4-Dinitrophenol
Concen: 3.822 ng/ul m
RT: 14.481 min Scan# 1937
Delta R.T. 0.023 min
Lab File: BP020409.D
Acq: 16 May 2024 12:59

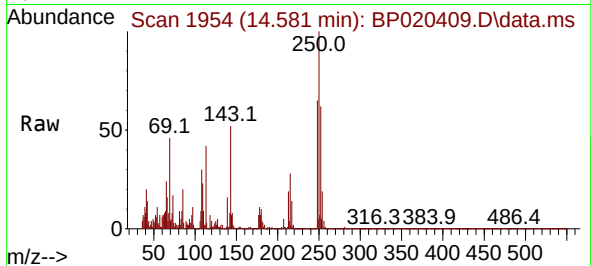
Tgt Ion:184 Resp: 7854
Ion Ratio Lower Upper
184 100
63 75.1 65.6 98.4
154 58.4 53.8 80.8





#55
4-Nitrophenol
Concen: 4.672 ng/ul m
RT: 14.581 min Scan# 1954
Delta R.T. 0.023 min
Lab File: BP020409.D
Acq: 16 May 2024 12:59

Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-QT2-2024-03

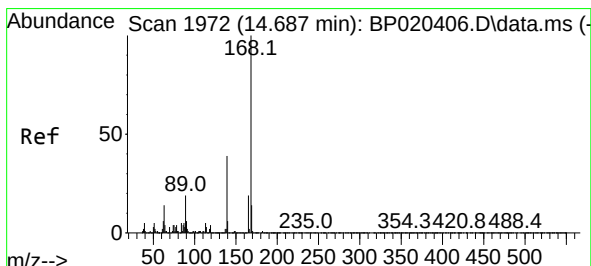
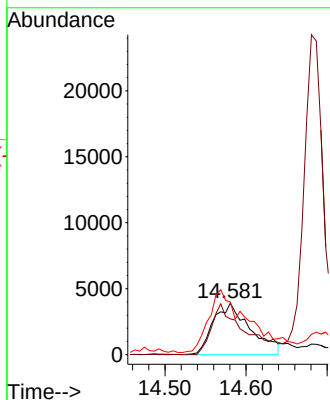
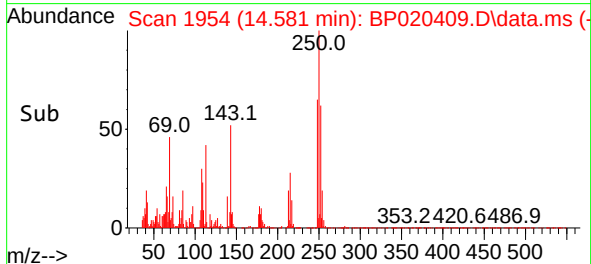


Tgt Ion:109 Resp: 1246
Ion Ratio Lower Upper
109 100
139 69.4 78.4 117.6
65 101.6 101.8 152.6

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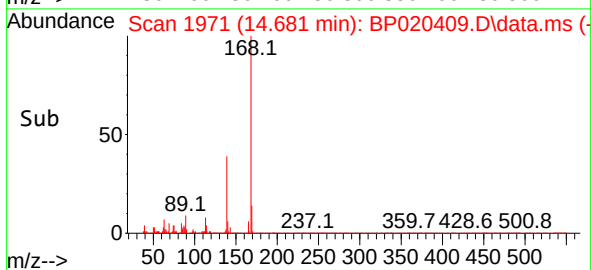
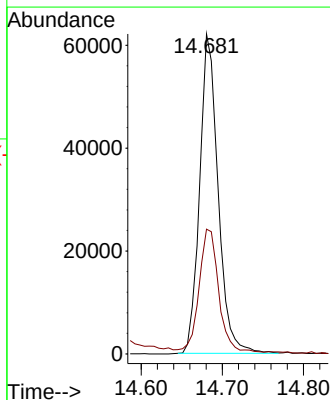
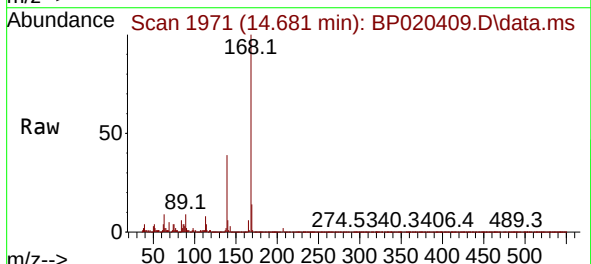
Reviewed By :Jagrut
Upadhyay
05/17/2024

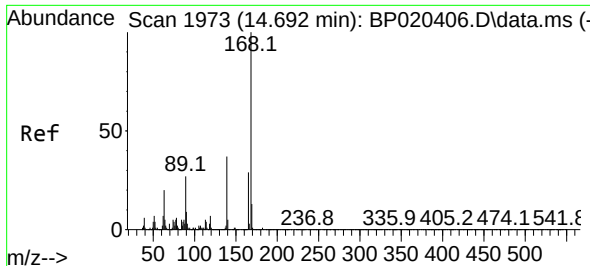
Supervised By :mohammad
ahmed
05/18/2024



#56
Dibenzofuran
Concen: 5.115 ng/ul
RT: 14.681 min Scan# 1971
Delta R.T. -0.006 min
Lab File: BP020409.D
Acq: 16 May 2024 12:59

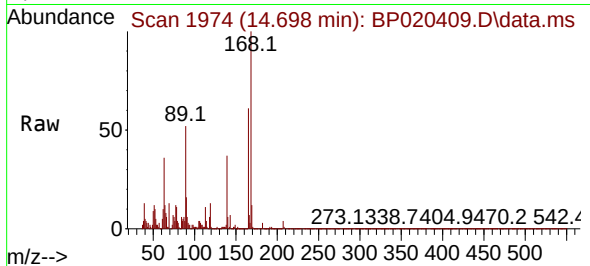
Tgt Ion:168 Resp: 97938
Ion Ratio Lower Upper
168 100
139 39.0 32.7 49.1





#57
2,4-Dinitrotoluene
Concen: 5.168 ng/ul
RT: 14.698 min Scan# 1973
Delta R.T. 0.006 min
Lab File: BP020409.D
Acq: 16 May 2024 12:59

Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-QT2-2024-03

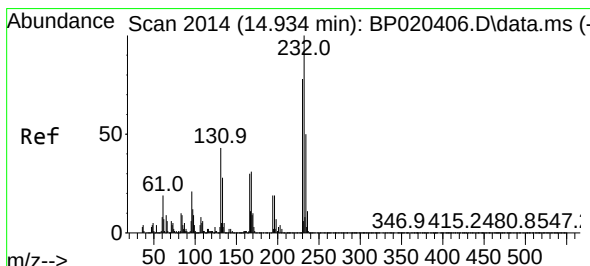
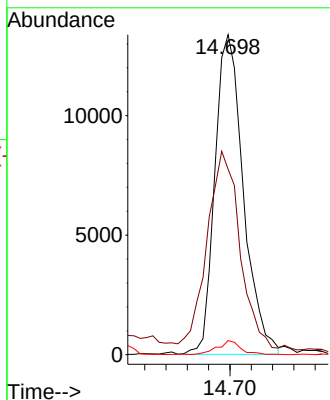
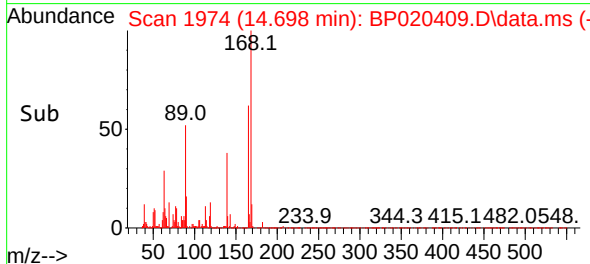


Tgt Ion:165 Resp: 2487
Ion Ratio Lower Upper
165 100
63 58.0 59.7 89.5
182 4.4 2.4 3.6

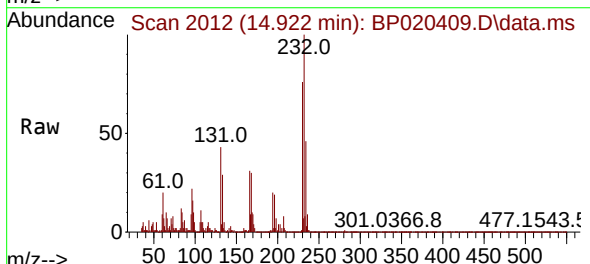
Manual Integrations
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Reviewed By :Jagrut
Upadhyay
05/17/2024

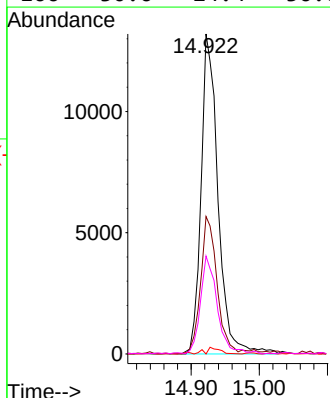
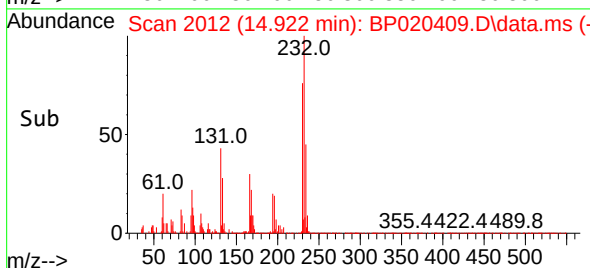
Supervised By :mohammad
ahmed
05/18/2024

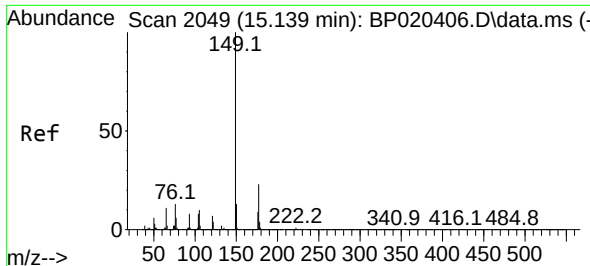


#58
2,3,4,6-Tetrachlorophenol
Concen: 5.297 ng/ul
RT: 14.922 min Scan# 2012
Delta R.T. -0.012 min
Lab File: BP020409.D
Acq: 16 May 2024 12:59



Tgt Ion:232 Resp: 22854
Ion Ratio Lower Upper
232 100
131 43.0 36.7 55.1
130 0.0 1.9 2.9
166 30.6 24.4 36.6





#59
Diethylphthalate
Concen: 5.218 ng/ul
RT: 15.133 min Scan# 2048
Delta R.T. -0.006 min
Lab File: BP020409.D
Acq: 16 May 2024 12:59

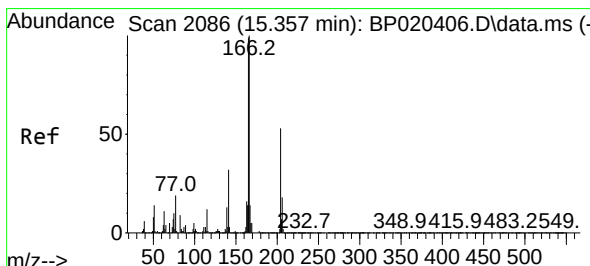
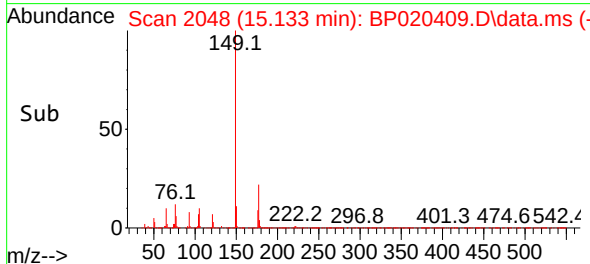
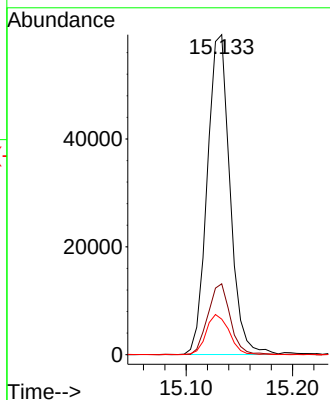
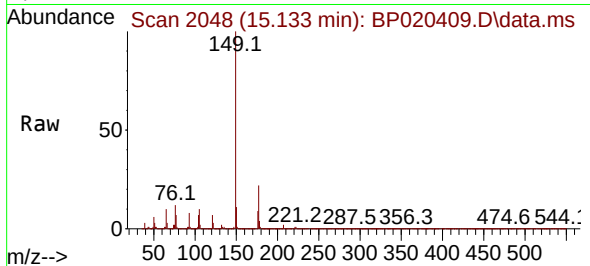
Instrument : BNA_P
ClientSampleId : MDL-SOIL-QT2-2024-03

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.1	17.9	26.9
150	11.1	10.2	15.2

Manual Integrations
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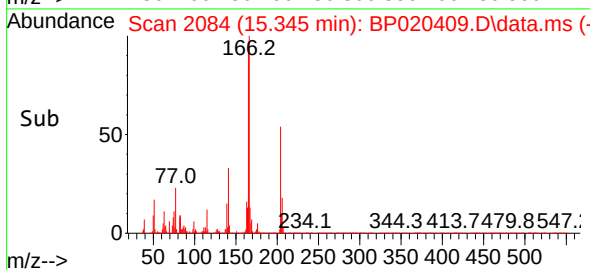
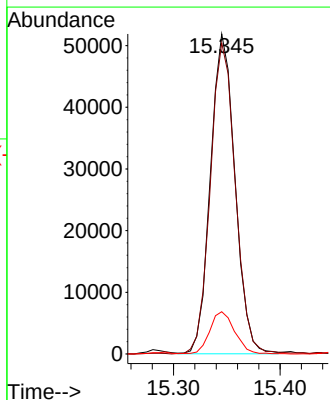
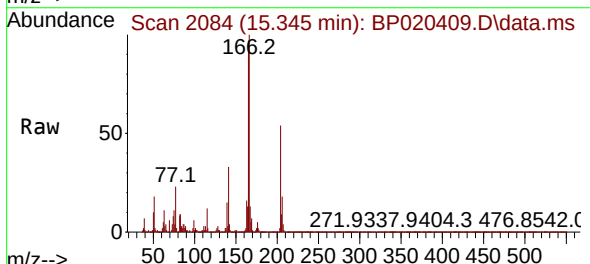
Reviewed By :Jagrut
Upadhyay
05/17/2024

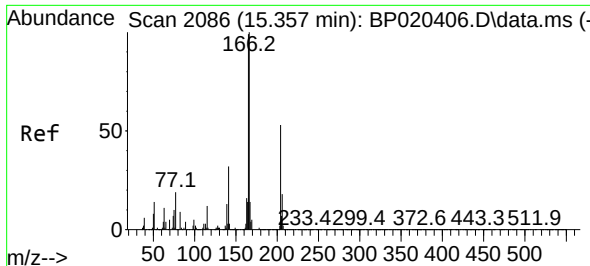
Supervised By :mohammad
ahmed
05/18/2024



#61
Fluorene
Concen: 5.216 ng/ul
RT: 15.345 min Scan# 2084
Delta R.T. -0.012 min
Lab File: BP020409.D
Acq: 16 May 2024 12:59

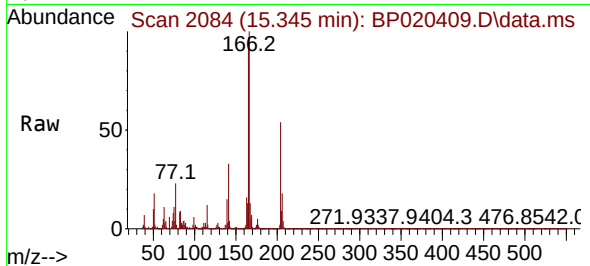
Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.2	76.2	114.2
167	13.2	10.3	15.5





#62
4-Chlorophenyl-phenylether
Concen: 5.179 ng/ul
RT: 15.345 min Scan# 2086
Delta R.T. -0.012 min
Lab File: BP020409.D
Acq: 16 May 2024 12:59

Instrument : BNA_P
ClientSampleId : MDL-SOIL-QT2-2024-03

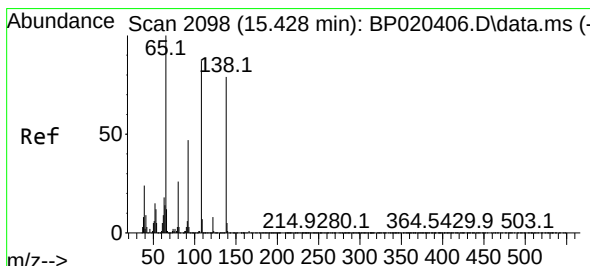
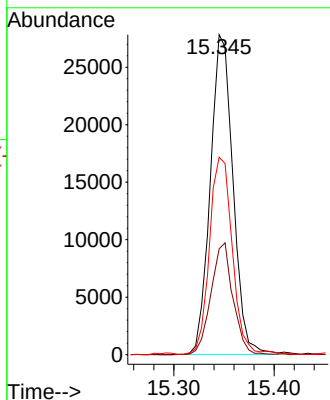
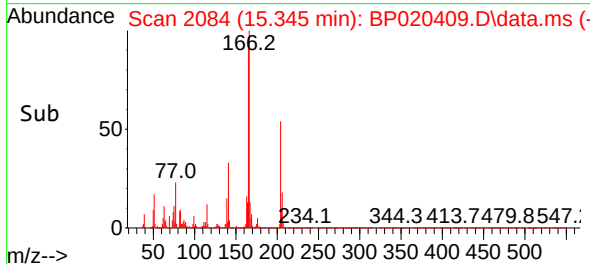


Tgt Ion:204 Resp: 4371
Ion Ratio Lower Upper
204 100
206 33.1 25.4 38.2
141 61.7 53.0 79.6

Manual Integrations
APPROVED

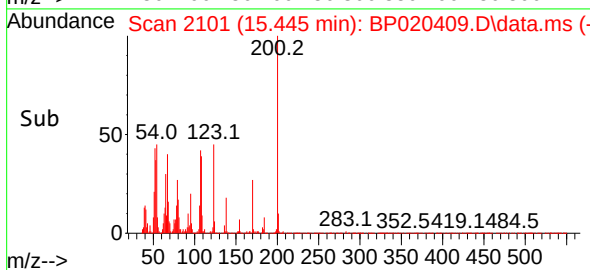
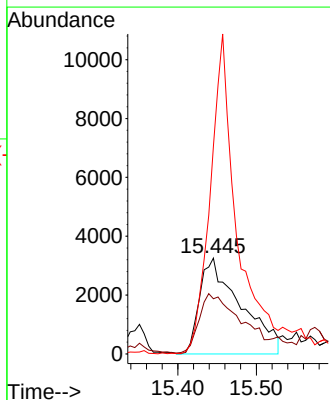
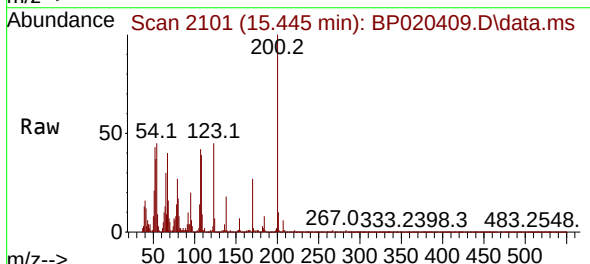
Reviewed By :Jagrut
Upadhyay
05/17/2024

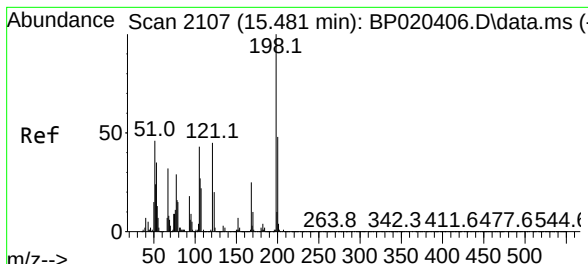
Supervised By :mohammad
ahmed
05/18/2024



#63
4-Nitroaniline
Concen: 4.548 ng/ul m
RT: 15.445 min Scan# 2101
Delta R.T. 0.018 min
Lab File: BP020409.D
Acq: 16 May 2024 12:59

Tgt Ion:138 Resp: 11835
Ion Ratio Lower Upper
138 100
92 57.6 47.6 71.4
108 216.4 90.5 135.7#





#66
 4,6-Dinitro-2-methylphenol
 Concen: 4.285 ng/ul
 RT: 15.475 min Scan# 2106
 Delta R.T. -0.006 min
 Lab File: BP020409.D
 Acq: 16 May 2024 12:59

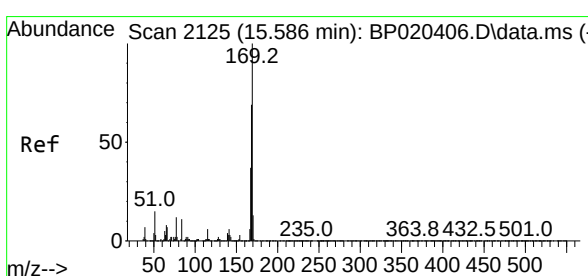
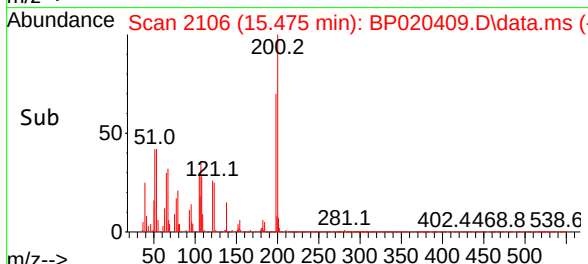
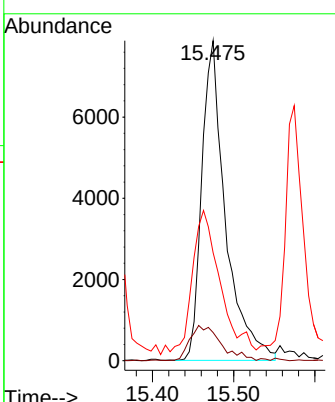
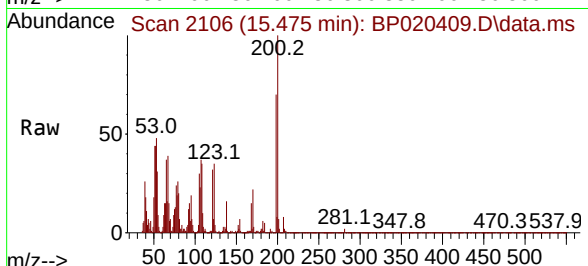
Instrument : BNA_P
 ClientSampleId : MDL-SOIL-QT2-2024-03

Tgt Ion:	198	Resp:	1596
Ion Ratio	Lower	Upper	
198	100		
182	8.8	3.3	4.9
77	33.7	24.4	36.6

Manual Integrations
 APPROVED

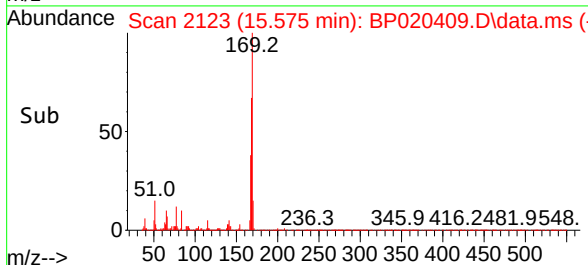
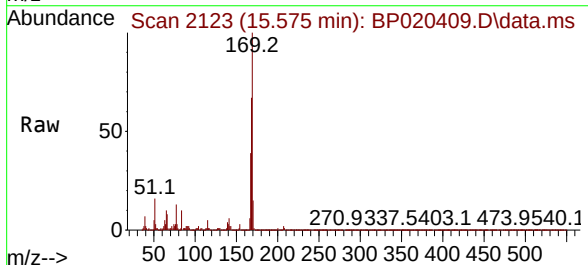
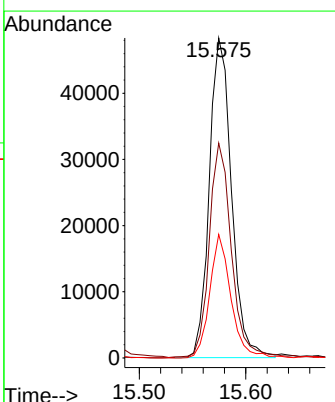
Reviewed By :Jagrut Upadhyay
 05/17/2024

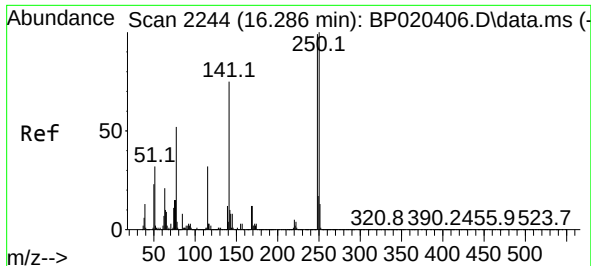
Supervised By :mohammad ahmed
 05/18/2024



#67
 N-Nitrosodiphenylamine
 Concen: 4.456 ng/ul
 RT: 15.575 min Scan# 2123
 Delta R.T. -0.012 min
 Lab File: BP020409.D
 Acq: 16 May 2024 12:59

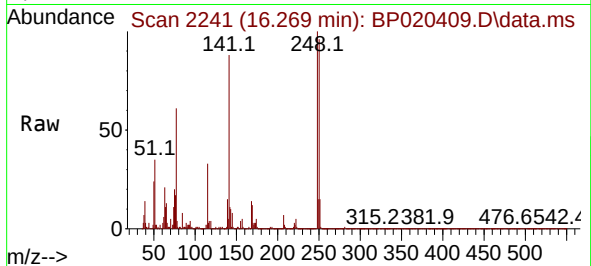
Tgt Ion:	169	Resp:	69859
Ion Ratio	Lower	Upper	
169	100		
168	67.1	54.2	81.2
167	38.6	29.0	43.6





#68
4-Bromophenyl-phenylether
Concen: 4.656 ng/ul
RT: 16.269 min Scan# 2111
Delta R.T. -0.018 min
Lab File: BP020409.D
Acq: 16 May 2024 12:59

Instrument : BNA_P
ClientSampleId : MDL-SOIL-QT2-2024-03

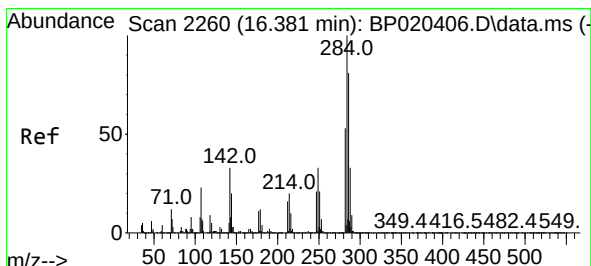
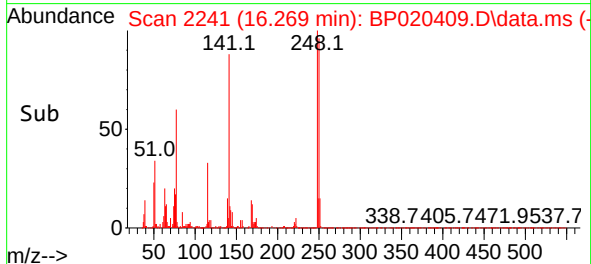
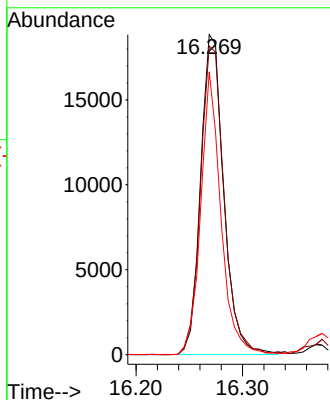


Tgt Ion: 248 Resp: 28395
Ion Ratio Lower Upper
248 100
250 96.5 76.2 114.4
141 88.4 57.2 85.8

Manual Integrations
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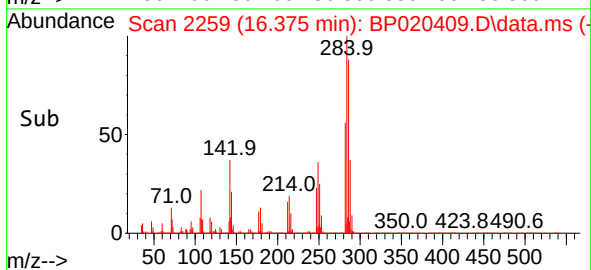
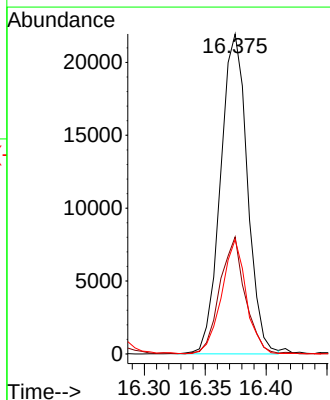
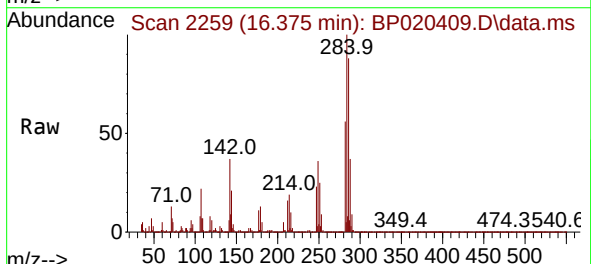
Reviewed By : Jagrut
Upadhyay
05/17/2024

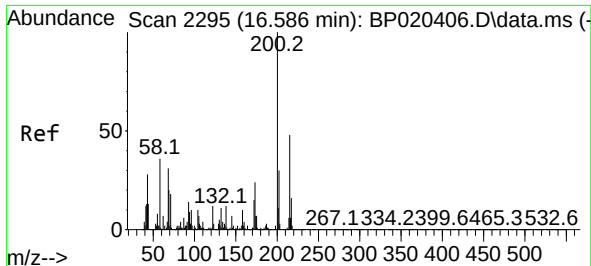
Supervised By : mohammad
ahmed
05/18/2024



#69
Hexachlorobenzene
Concen: 4.765 ng/ul
RT: 16.375 min Scan# 2259
Delta R.T. -0.006 min
Lab File: BP020409.D
Acq: 16 May 2024 12:59

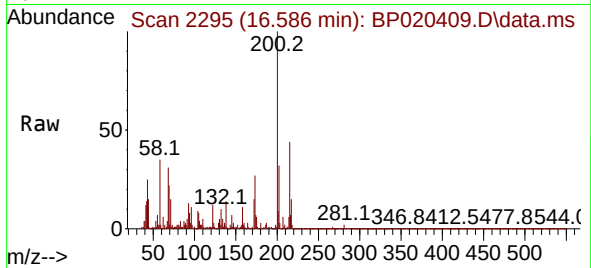
Tgt Ion: 284 Resp: 33664
Ion Ratio Lower Upper
284 100
142 36.6 27.8 41.8
249 35.8 25.4 38.0





#70
Atrazine
Concen: 5.192 ng/ul
RT: 16.586 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP020409.D
Acq: 16 May 2024 12:59

Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-QT2-2024-03

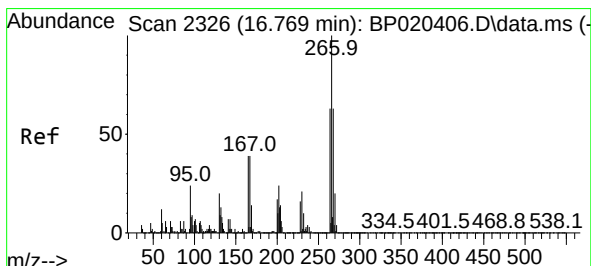
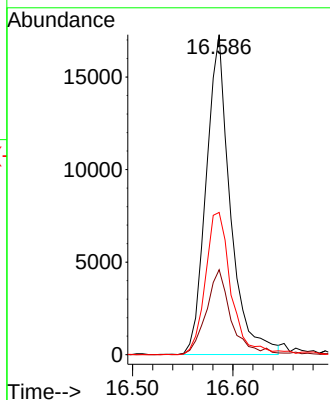
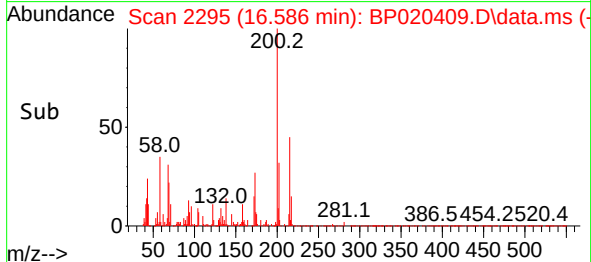


Tgt Ion:200 Resp: 2886
Ion Ratio Lower Upper
200 100
173 26.5 20.3 30.5
215 44.5 37.8 56.8

Manual Integrations
APPROVED

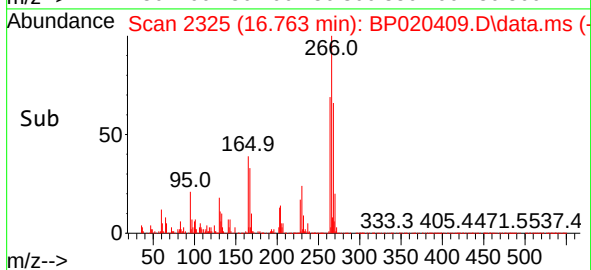
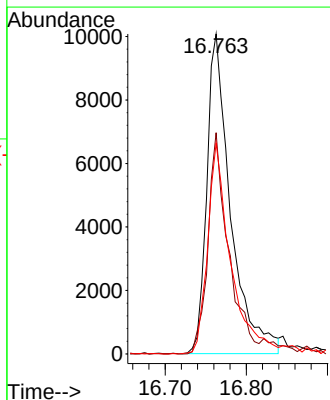
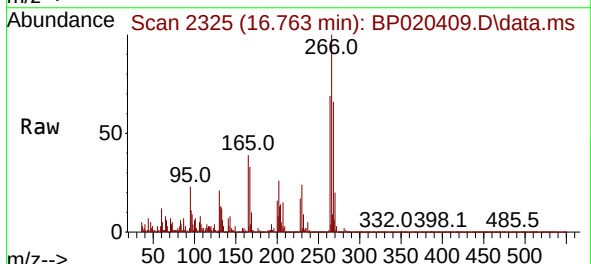
Reviewed By :Jagrut
Upadhyay
05/17/2024

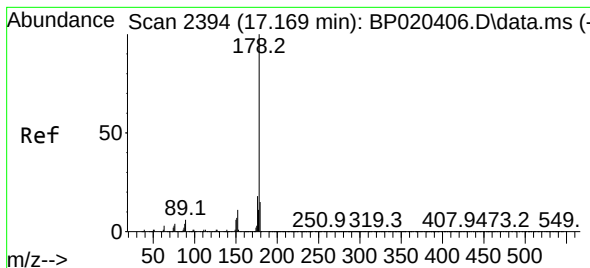
Supervised By :mohammad
ahmed
05/18/2024



#71
Pentachlorophenol
Concen: 4.785 ng/ul
RT: 16.763 min Scan# 2325
Delta R.T. -0.006 min
Lab File: BP020409.D
Acq: 16 May 2024 12:59

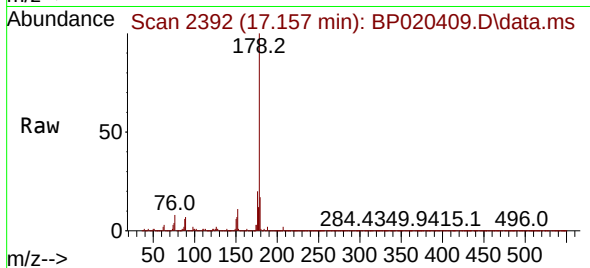
Tgt Ion:266 Resp: 20433
Ion Ratio Lower Upper
266 100
264 69.2 49.8 74.6
268 65.9 50.4 75.6





#72
Phenanthrene
Concen: 4.869 ng/ul
RT: 17.157 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP020409.D
Acq: 16 May 2024 12:59

Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-QT2-2024-03

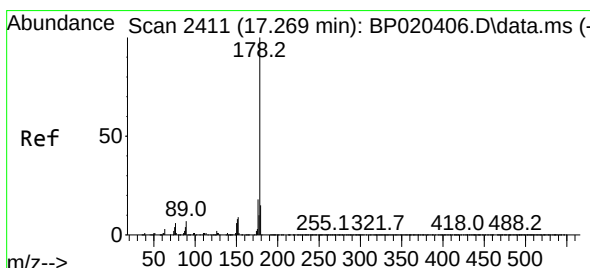
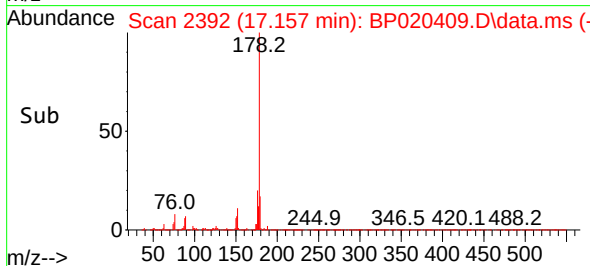
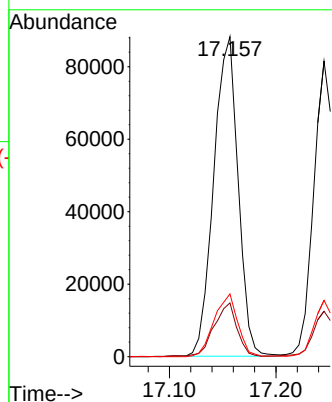


Tgt Ion:178 Resp: 139885
Ion Ratio Lower Upper
178 100
179 16.8 13.0 19.6
176 19.6 15.2 22.8

Manual Integrations
APPROVED

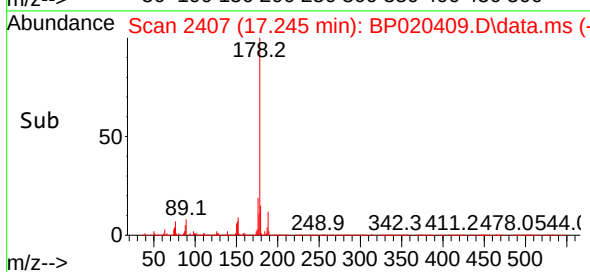
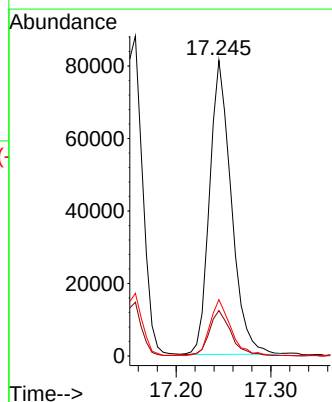
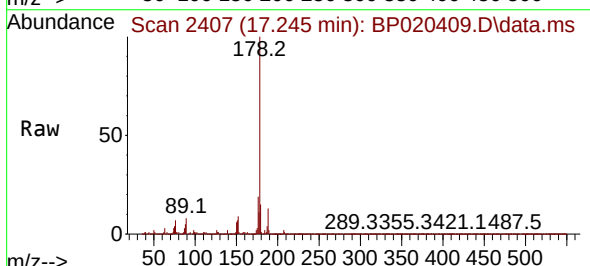
Reviewed By :Jagrut
Upadhyay
05/17/2024

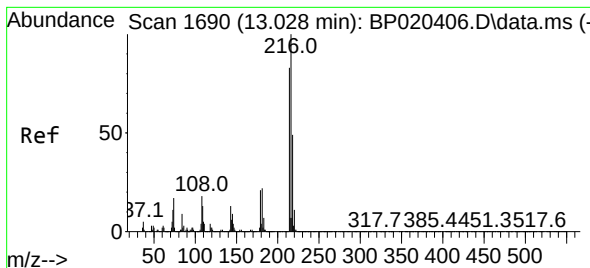
Supervised By :mohammad
ahmed
05/18/2024



#74
Anthracene
Concen: 4.428 ng/ul
RT: 17.245 min Scan# 2407
Delta R.T. -0.024 min
Lab File: BP020409.D
Acq: 16 May 2024 12:59

Tgt Ion:178 Resp: 129394
Ion Ratio Lower Upper
178 100
179 15.4 12.0 18.0
176 19.1 14.8 22.2





#75

1,2,3,4-Tetrachlorobenzene

Concen: 4.103 ng/uL

RT: 13.034 min Scan# 1690

Delta R.T. 0.006 min

Lab File: BP020409.D

Acq: 16 May 2024 12:59

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-QT2-2024-03

Tgt Ion:	216	Resp:	34330
Ion Ratio	Lower	Upper	
216	100		
214	74.9	60.1	90.1
218	52.7	38.7	58.1

Manual Integrations

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Reviewed By :Jagrut

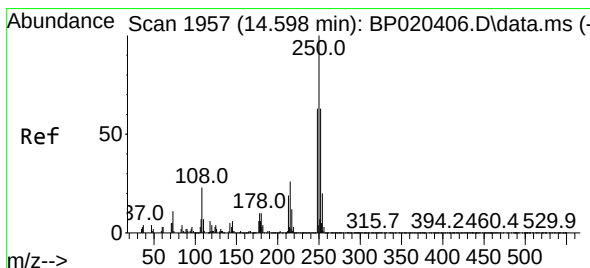
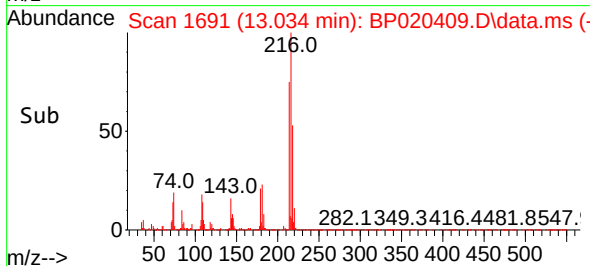
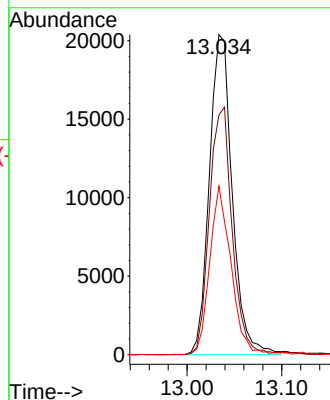
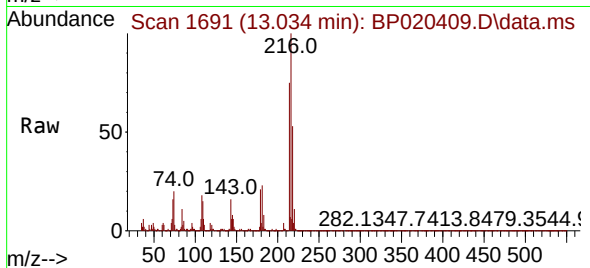
Upadhyay

05/17/2024

Supervised By :mohammad

ahmed

05/18/2024



#76

Pentachlorobenzene

Concen: 4.797 ng/uL

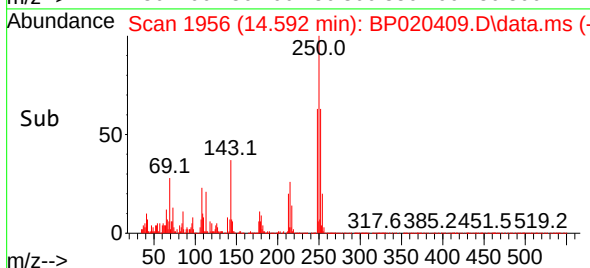
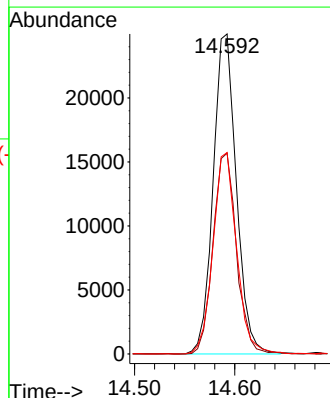
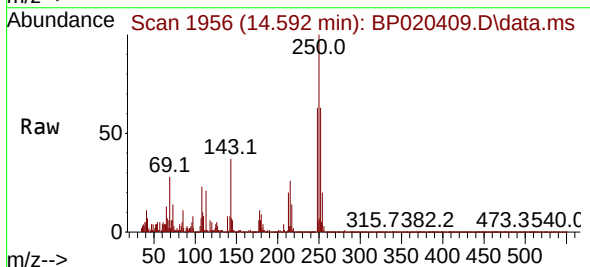
RT: 14.592 min Scan# 1956

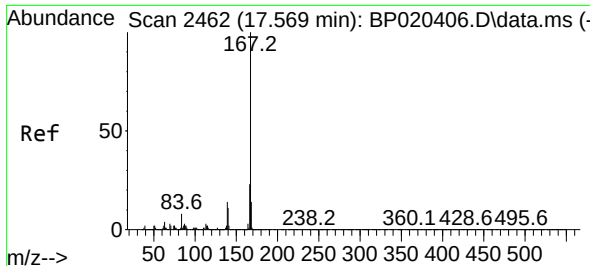
Delta R.T. -0.006 min

Lab File: BP020409.D

Acq: 16 May 2024 12:59

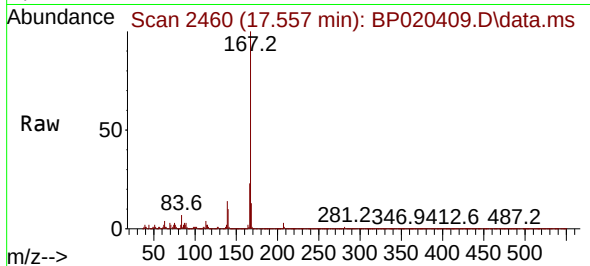
Tgt Ion:	250	Resp:	40170
Ion Ratio	Lower	Upper	
250	100		
248	62.8	51.0	76.6
252	62.9	52.1	78.1





#77
 Carbazole
 Concen: 4.455 ng/ul
 RT: 17.557 min Scan# 2460
 Delta R.T. -0.012 min
 Lab File: BP020409.D
 Acq: 16 May 2024 12:59

Instrument : BNA_P
 ClientSampleId : MDL-SOIL-QT2-2024-03

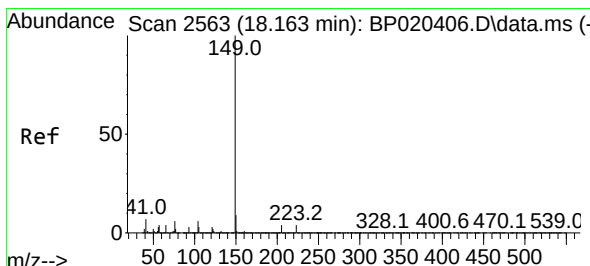
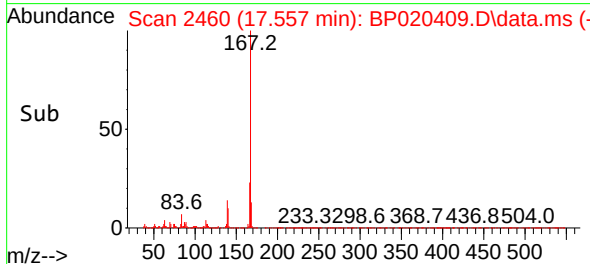
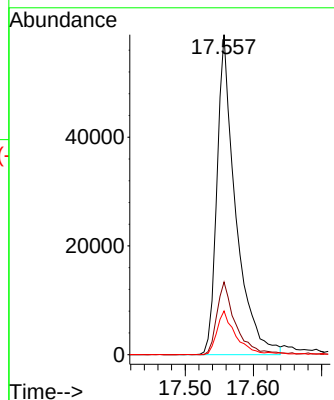


Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.7	17.4	26.0
139	13.7	11.0	16.4

Manual Integrations
 APPROVED

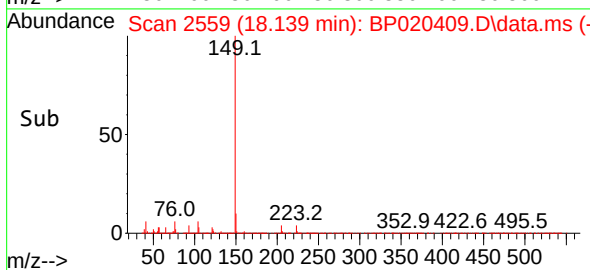
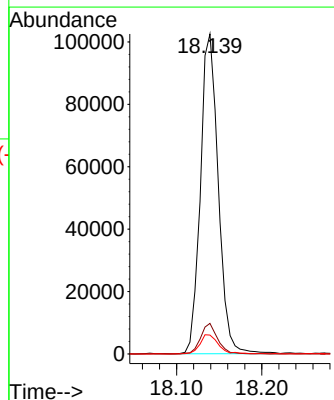
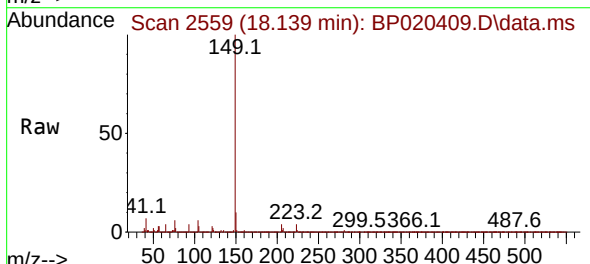
Reviewed By :Jagrut
 Upadhyay
 05/17/2024

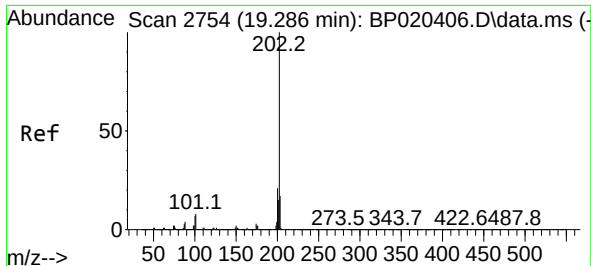
Supervised By :mohammad
 ahmed
 05/18/2024



#78
 Di-n-butylphthalate
 Concen: 4.887 ng/ul
 RT: 18.139 min Scan# 2559
 Delta R.T. -0.024 min
 Lab File: BP020409.D
 Acq: 16 May 2024 12:59

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.6	7.4	11.0
104	5.9	5.0	7.6





#80
Fluoranthene
Concen: 4.081 ng/ul
RT: 19.263 min Scan# 21
Delta R.T. -0.024 min
Lab File: BP020409.D
Acq: 16 May 2024 12:59

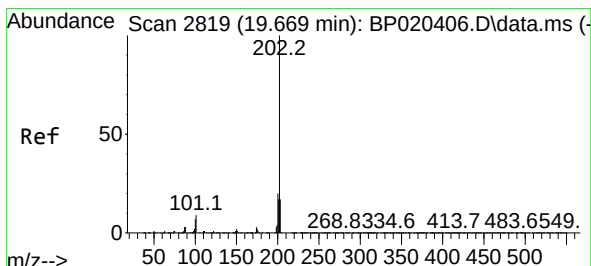
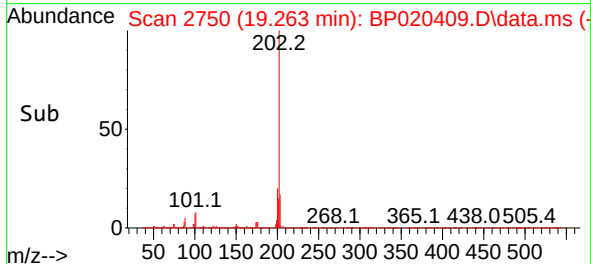
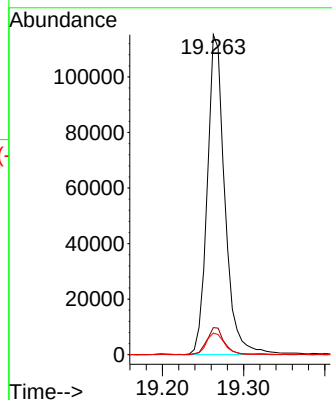
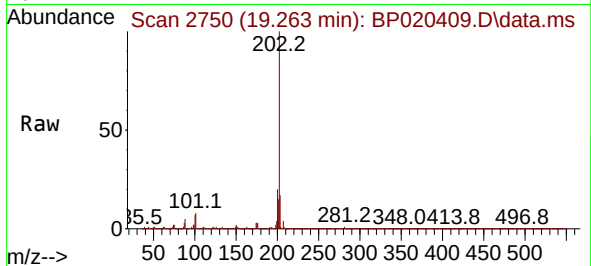
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-QT2-2024-03

Tgt Ion:202 Resp: 172779
Ion Ratio Lower Upper
202 100
101 8.5 7.0 10.4
100 6.8 5.5 8.3

Manual Integrations
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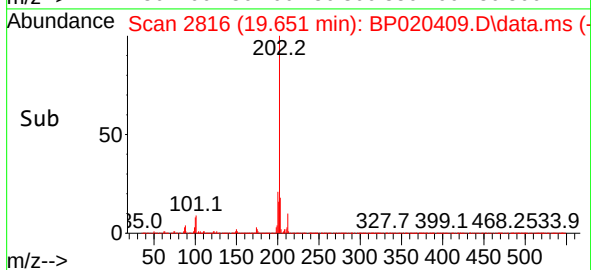
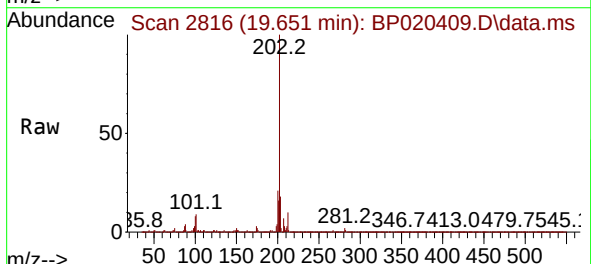
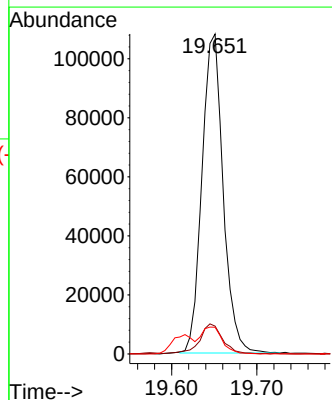
Reviewed By :Jagrut
Upadhyay
05/17/2024

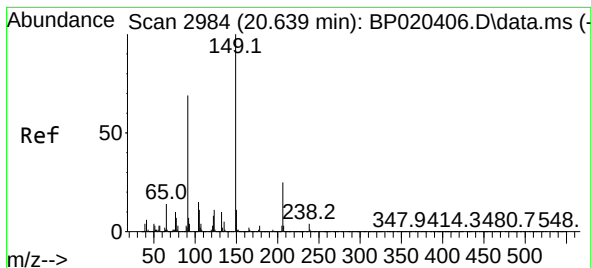
Supervised By :mohammad
ahmed
05/18/2024



#82
Pyrene
Concen: 4.235 ng/ul
RT: 19.651 min Scan# 2816
Delta R.T. -0.018 min
Lab File: BP020409.D
Acq: 16 May 2024 12:59

Tgt Ion:202 Resp: 186570
Ion Ratio Lower Upper
202 100
101 8.7 8.1 12.1
100 8.4 6.8 10.2





#83

Butylbenzylphthalate

Concen: 4.142 ng/ul

RT: 20.627 min Scan# 2984

Delta R.T. -0.012 min

Lab File: BP020409.D

Acq: 16 May 2024 12:59

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-QT2-2024-03

Tgt Ion:	149	Resp:	69274
Ion Ratio	Lower	Upper	
149	100		
91	75.7	62.7	94.1
206	21.9	17.3	25.9

Manual Integrations

APPROVED

Reviewed By :Jagrut

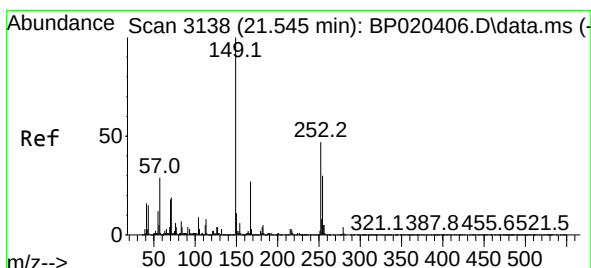
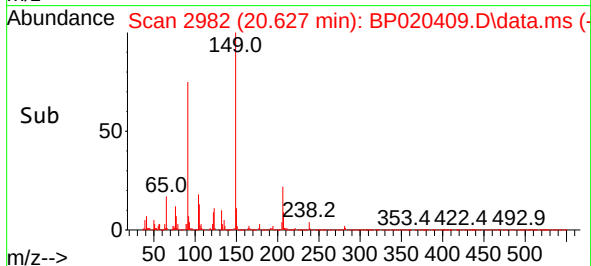
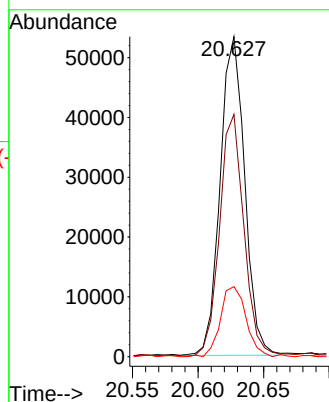
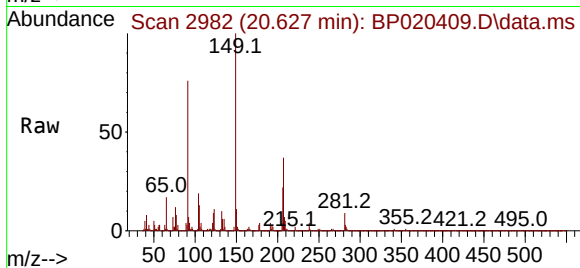
Upadhyay

05/17/2024

Supervised By :mohammad

ahmed

05/18/2024



#84

3,3'-Dichlorobenzidine

Concen: 3.434 ng/ul

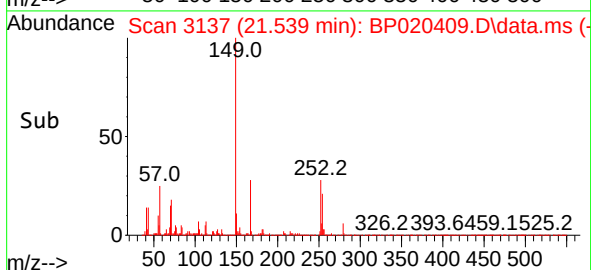
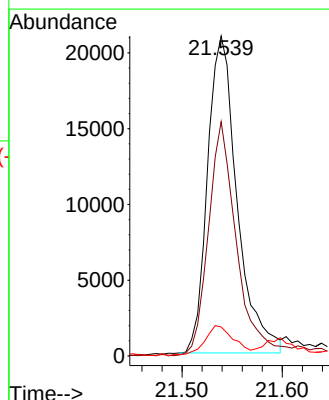
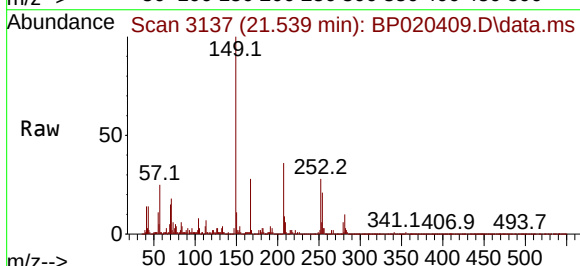
RT: 21.539 min Scan# 3137

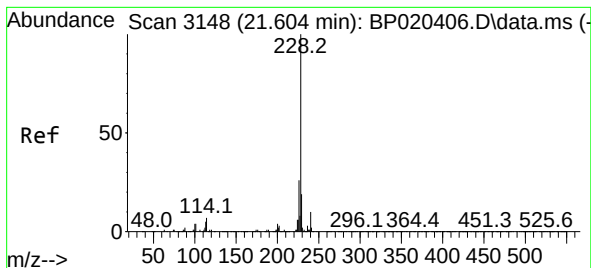
Delta R.T. -0.006 min

Lab File: BP020409.D

Acq: 16 May 2024 12:59

Tgt Ion:	252	Resp:	43014
Ion Ratio	Lower	Upper	
252	100		
254	73.2	50.2	75.4
126	9.0	7.3	10.9





#85

Benzo(a)anthracene

Concen: 4.600 ng/ul

RT: 21.586 min Scan# 3148

Delta R.T. -0.018 min

Lab File: BP020409.D

Acq: 16 May 2024 12:59

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-QT2-2024-03

Tgt Ion:	228	Resp:	19205
Ion Ratio	Lower	Upper	
228	100		
229	19.1	15.8	23.8
226	27.6	21.5	32.3

Manual Integrations

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Reviewed By :Jagrut

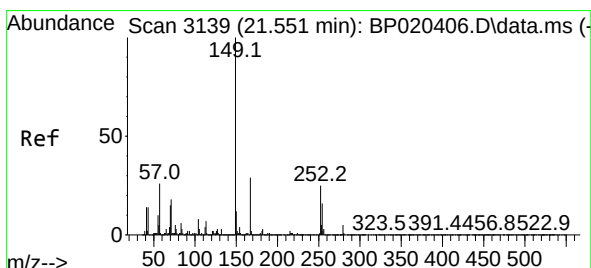
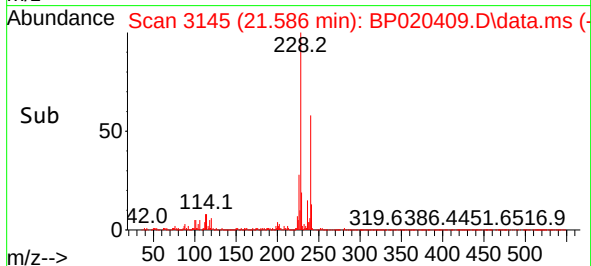
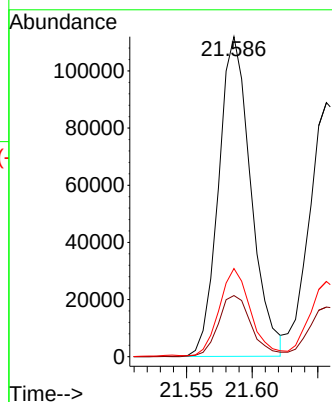
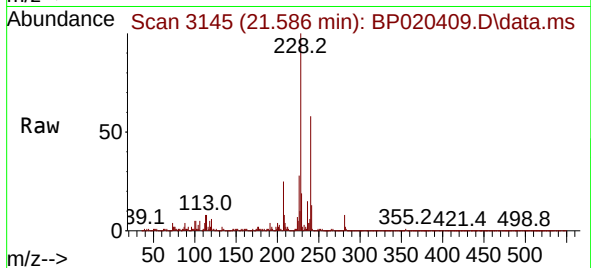
Upadhyay

05/17/2024

Supervised By :mohammad

ahmed

05/18/2024



#86

Bis(2-ethylhexyl)phthalate

Concen: 4.391 ng/ul

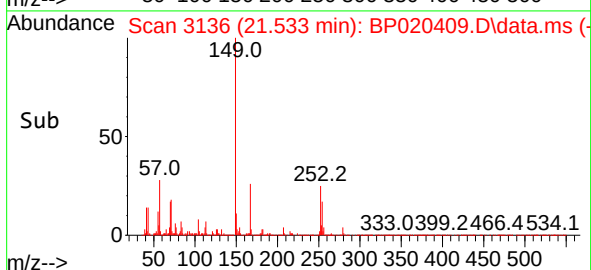
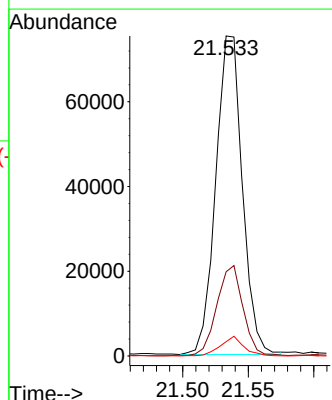
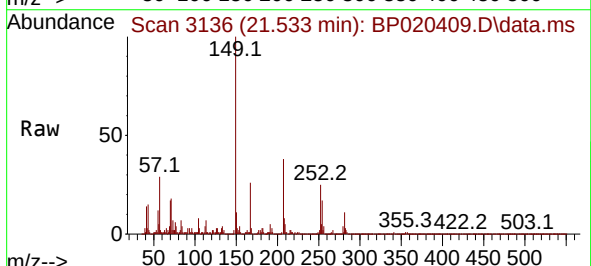
RT: 21.533 min Scan# 3136

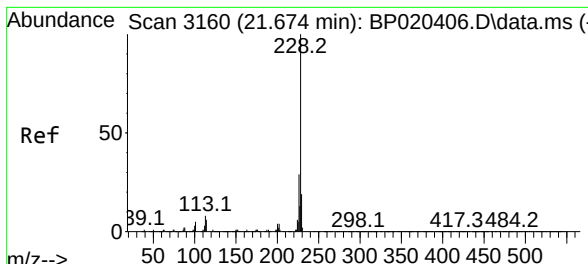
Delta R.T. -0.018 min

Lab File: BP020409.D

Acq: 16 May 2024 12:59

Tgt Ion:	149	Resp:	105944
Ion Ratio	Lower	Upper	
149	100		
167	26.3	21.4	32.0
279	4.4	3.4	5.2





#87
Chrysene
 Concen: 4.805 ng/ul
 RT: 21.657 min Scan# 3157
 Delta R.T. -0.018 min
 Lab File: BP020409.D
 Acq: 16 May 2024 12:59

Instrument : BNA_P
ClientSampleId : MDL-SOIL-QT2-2024-03

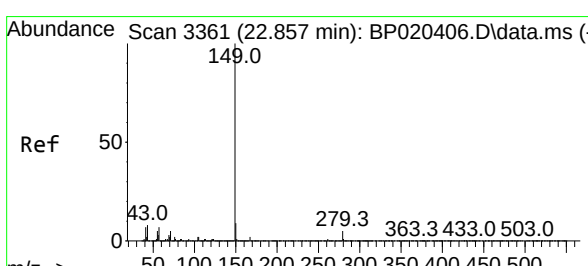
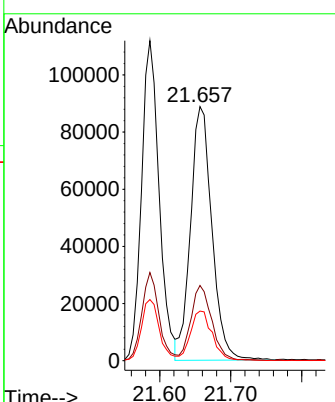
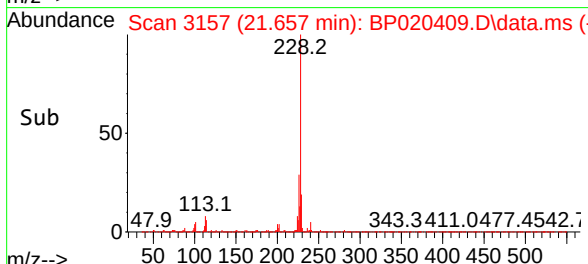
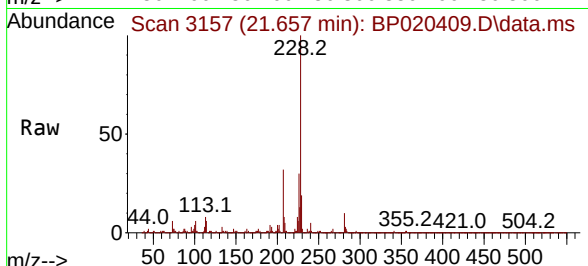
Tgt Ion: 228 Resp: 18593

Ion	Ratio	Lower	Upper
228	100		
226	29.6	24.2	36.4
229	19.5	15.9	23.9

Manual Integrations
APPROVED

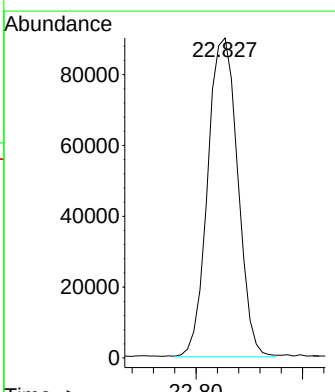
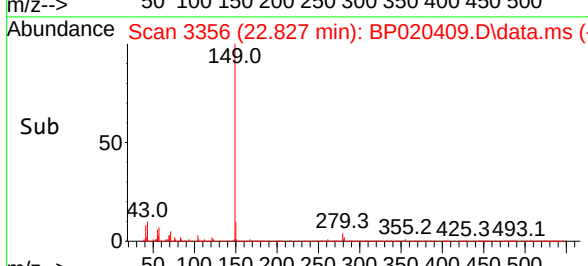
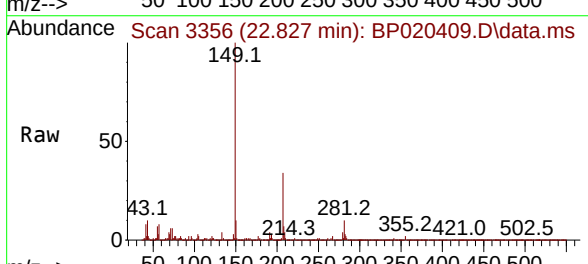
Reviewed By :Jagrut Upadhyay
 05/17/2024

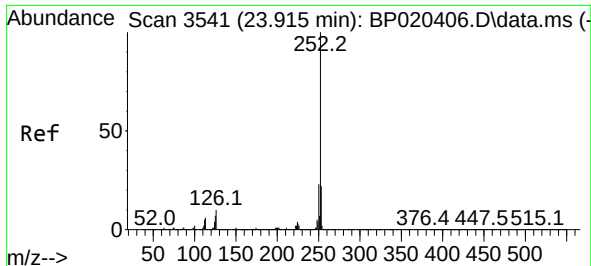
Supervised By :mohammad ahmed
 05/18/2024



#89
Di-n-octyl phthalate
 Concen: 4.234 ng/ul
 RT: 22.827 min Scan# 3356
 Delta R.T. -0.029 min
 Lab File: BP020409.D
 Acq: 16 May 2024 12:59

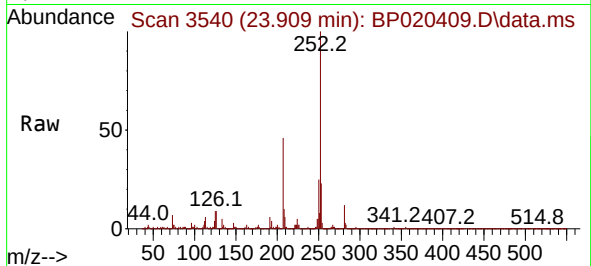
Tgt Ion: 149 Resp: 176337





#90
Benzo(b)fluoranthene
Concen: 4.836 ng/ul
RT: 23.909 min Scan# 3540
Delta R.T. -0.006 min
Lab File: BP020409.D
Acq: 16 May 2024 12:59

Instrument : BNA_P
ClientSampleId : MDL-SOIL-QT2-2024-03

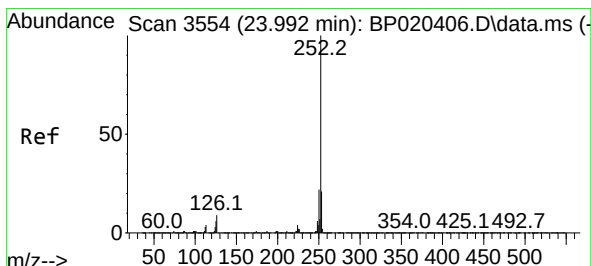
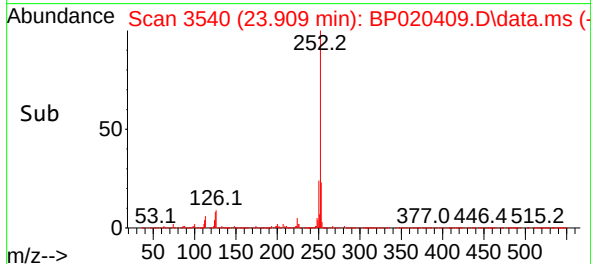
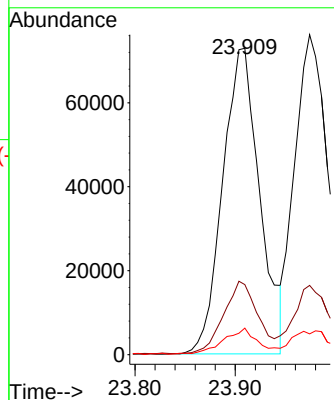


Tgt Ion:252 Resp: 187095
Ion Ratio Lower Upper
252 100
253 22.9 17.9 26.9
125 8.7 6.2 9.2

Manual Integrations
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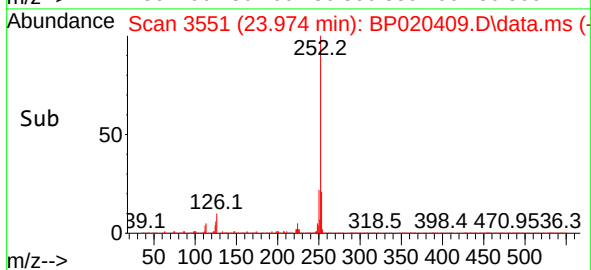
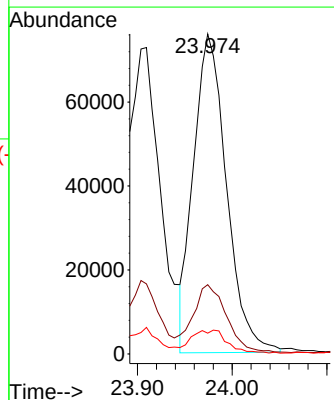
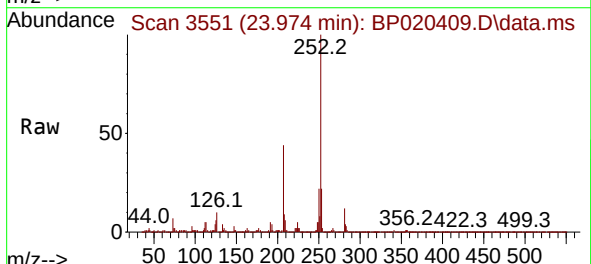
Reviewed By :Jagrut
Upadhyay
05/17/2024

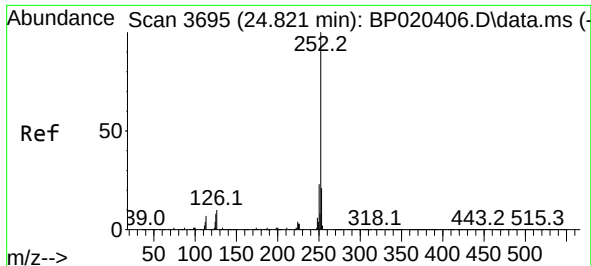
Supervised By :mohammad
ahmed
05/18/2024



#91
Benzo(k)fluoranthene
Concen: 4.658 ng/ul
RT: 23.974 min Scan# 3551
Delta R.T. -0.018 min
Lab File: BP020409.D
Acq: 16 May 2024 12:59

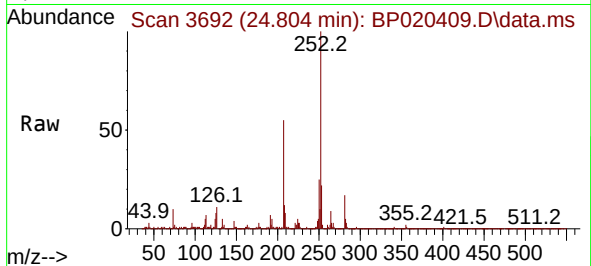
Tgt Ion:252 Resp: 183617
Ion Ratio Lower Upper
252 100
253 21.7 17.3 25.9
125 6.5 5.6 8.4





#93
Benzo(a)pyrene
Concen: 4.681 ng/ul
RT: 24.804 min Scan# 3692
Delta R.T. -0.018 min
Lab File: BP020409.D
Acq: 16 May 2024 12:59

Instrument : BNA_P
ClientSampleId : MDL-SOIL-QT2-2024-03

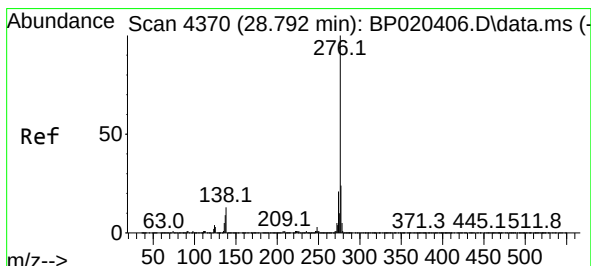
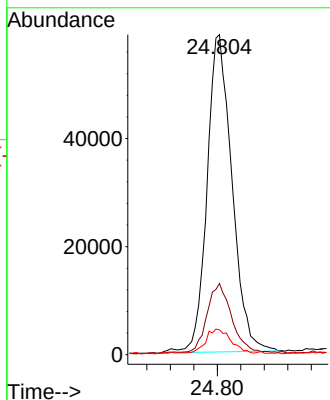
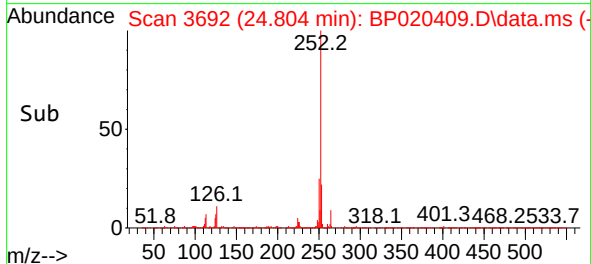


Tgt Ion: 252 Resp: 172310
Ion Ratio Lower Upper
252 100
253 22.2 17.4 26.0
125 7.8 6.6 10.0

Manual Integrations
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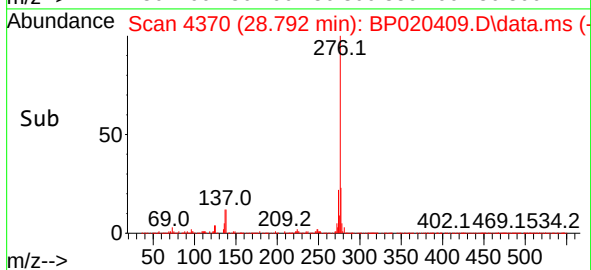
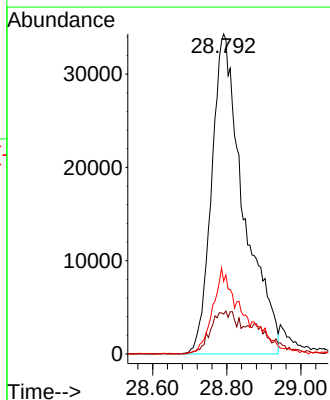
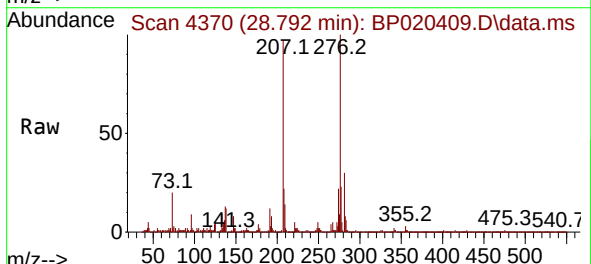
Reviewed By : Jagrut
Upadhyay
05/17/2024

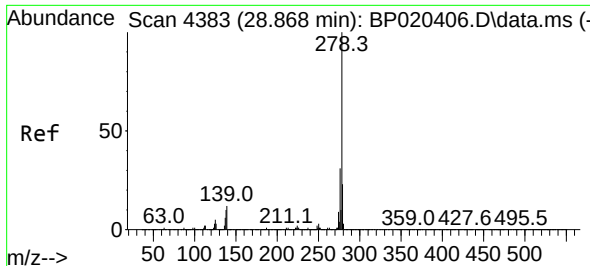
Supervised By : mohammad
ahmed
05/18/2024



#94
Indeno(1,2,3-cd)pyrene
Concen: 4.546 ng/ul
RT: 28.792 min Scan# 4370
Delta R.T. -0.000 min
Lab File: BP020409.D
Acq: 16 May 2024 12:59

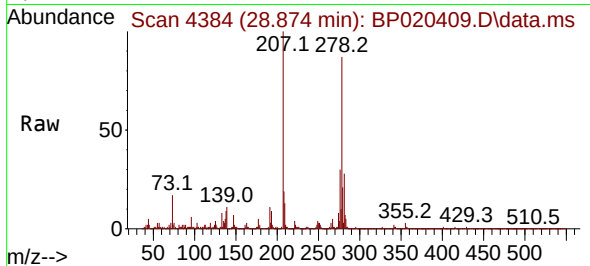
Tgt Ion: 276 Resp: 205127
Ion Ratio Lower Upper
276 100
138 12.5 12.3 18.5
277 22.7 19.0 28.4





#95
Dibenzo(a,h)anthracene
Concen: 4.715 ng/ul m
RT: 28.874 min Scan# 4384
Delta R.T. 0.006 min
Lab File: BP020409.D
Acq: 16 May 2024 12:59

Instrument : BNA_P
ClientSampleId : MDL-SOIL-QT2-2024-03

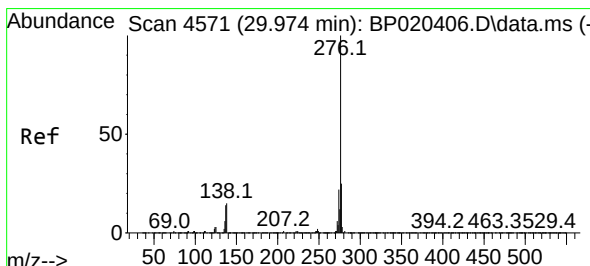
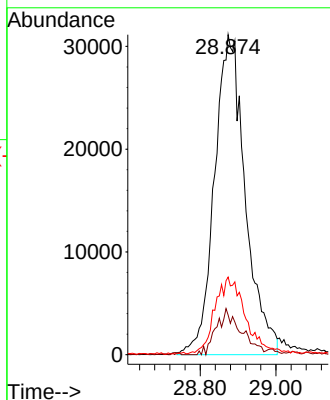
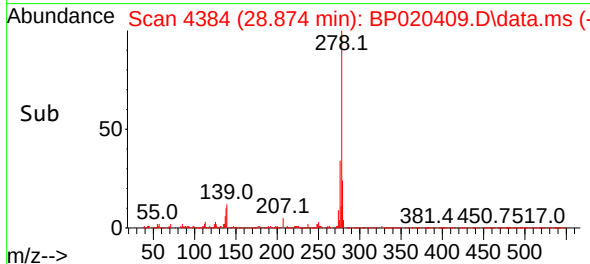


Tgt Ion: 278 Resp: 175958
Ion Ratio Lower Upper
278 100
139 12.4 10.2 15.2
279 24.2 19.3 28.9

Manual Integrations
APPROVED

Reviewed By : Jagrut
Upadhyay
05/17/2024

Supervised By : mohammad
ahmed
05/18/2024



#96
Benzo(g,h,i)perylene
Concen: 4.685 ng/ul m
RT: 29.991 min Scan# 4574
Delta R.T. 0.018 min
Lab File: BP020409.D
Acq: 16 May 2024 12:59

Tgt Ion: 276 Resp: 170496
Ion Ratio Lower Upper
276 100
138 12.6 11.6 17.4
277 22.2 19.4 29.0

