

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM011224\
 Data File : BM043826.D
 Acq On : 12 Jan 2024 13:17
 Operator : MA/JU
 Sample : 04696-03
 Misc : SFAM-MDL-SOIL-01
 ALS Vial : 5 Sample Multiplier: 1

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

Quant Time: Jan 13 00:46:12 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM010924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jan 10 01:07:47 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 01/15/2024
 Supervised By :mohammad ahmed 01/16/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.946	152	253817	20.000	ng/u1	0.00
20) Naphthalene-d8	10.751	136	1143575	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.586	164	756572	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.345	188	1629957	20.000	ng/u1	0.00
79) Chrysene-d12	21.533	240	1483539	20.000	ng/u1	0.00
88) Perylene-d12	23.950	264	1610248	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.352	96	35951	5.469	ng/uL	0.00
4) Pyridine-d5	3.775	84	518251	25.593	ng/u1	0.00
7) Phenol-d5	7.116	99	588786	22.922	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.287	67	392954	24.549	ng/u1	0.00
11) 2-Chlorophenol-d4	7.475	132	450088	24.087	ng/u1	0.00
15) 4-Methylphenol-d8	8.663	113	461451	22.553	ng/u1	-0.01
21) Nitrobenzene-d5	9.122	128	234137	24.430	ng/u1	0.00
24) 2-Nitrophenol-d4	9.845	143	255493	23.674	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.381	165	444554	23.002	ng/u1	0.00
31) 4-Chloroaniline-d4	10.910	131	664058	21.695	ng/u1	0.00
46) Dimethylphthalate-d6	14.010	166	1503212	23.720	ng/u1	0.00
49) Acenaphthylene-d8	14.286	160	1771289	24.539	ng/u1	0.00
54) 4-Nitrophenol-d4	14.822	143	258305	20.839	ng/u1	0.00
60) Fluorene-d10	15.586	176	1327709	24.896	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.721	200	209769	18.228	ng/u1	0.00
73) Anthracene-d10	17.445	188	1979005	23.858	ng/u1	0.00
81) Pyrene-d10	19.733	212	2259568	24.660	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.797	264	2182035	24.548	ng/u1	0.00
Target Compounds						
					Qvalue	
5) Pyridine	3.799	79	83790	4.033	ng/u1#	43
6) Benzaldehyde	7.098	77	66853m	6.594	ng/u1	
8) Phenol	7.140	94	96127	3.726	ng/u1	95
10) Bis(2-Chloroethyl)ether	7.381	93	83752	4.026	ng/u1	99
12) 2-Chlorophenol	7.504	128	76751	3.957	ng/u1	98
13) 2-Methylphenol	8.398	108	68176	3.431	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.475	45	145625	4.152	ng/u1	98
16) Acetophenone	8.787	105	119700	3.773	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.763	70	68047	3.880	ng/u1	95
18) 4-Methylphenol	8.728	108	78884	3.654	ng/u1	95
19) Hexachloroethane	9.016	117	34133	4.061	ng/u1	97
22) Nitrobenzene	9.163	77	96715	4.047	ng/u1	100
23) Isophorone	9.692	82	179905	3.670	ng/u1	98
25) 2-Nitrophenol	9.875	139	44649	3.914	ng/u1	96
26) 2,4-Dimethylphenol	9.934	107	81664	3.691	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.181	93	112886	3.883	ng/u1	97
29) 2,4-Dichlorophenol	10.410	162	71826	3.749	ng/u1	92
30) Naphthalene	10.804	128	268531	4.036	ng/u1	99
32) 4-Chloroaniline	10.934	127	110373	3.711	ng/u1	98
33) Hexachlorobutadiene	11.069	225	43608	4.067	ng/u1	98
34) Caprolactam	11.763	113	23036m	3.339	ng/u1	
35) 4-Chloro-3-methylphenol	12.063	107	75190	3.542	ng/u1	97
36) 2-Methylnaphthalene	12.416	142	182529	3.935	ng/u1	99
37) 1-Methylnaphthalene	12.639	142	190073	4.110	ng/u1	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM011224\
 Data File : BM043826.D
 Acq On : 12 Jan 2024 13:17
 Operator : MA/JU
 Sample : 04696-03
 Misc : SFAM-MDL-SOIL-01
 ALS Vial : 5 Sample Multiplier: 1

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

Quant Time: Jan 13 00:46:12 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM010924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jan 10 01:07:47 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 01/15/2024
 Supervised By :mohammad ahmed 01/16/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) 1,2,4,5-Tetrachloroben...	12.780	216	82614	3.672	ng/ul	97
40) Hexachlorocyclopentadiene	12.739	237	65154	4.330	ng/ul	98
41) 2,4,6-Trichlorophenol	13.033	196	51962	3.253	ng/ul	96
42) 2,4,5-Trichlorophenol	13.110	196	56297	3.319	ng/ul	98
43) 1,1'-Biphenyl	13.428	154	244815	3.790	ng/ul	98
44) 2-Chloronaphthalene	13.469	162	189109	3.799	ng/ul	99
45) 2-Nitroaniline	13.692	65	52893	3.367	ng/ul	88
47) Dimethylphthalate	14.057	163	242221	3.802	ng/ul	100
48) 2,6-Dinitrotoluene	14.192	165	39360	3.118	ng/ul	92
50) Acenaphthylene	14.316	152	327526	3.885	ng/ul	100
51) 3-Nitroaniline	14.527	138	41520	3.110	ng/ul	91
52) Acenaphthene	14.651	153	217050	3.883	ng/ul	99
53) 2,4-Dinitrophenol	14.739	184	47218	6.019	ng/ul	97
55) 4-Nitrophenol	14.833	109	33595	3.552	ng/ul	91
56) Dibenzofuran	14.992	168	291594	3.882	ng/ul	98
57) 2,4-Dinitrotoluene	14.980	165	61801	3.323	ng/ul#	85
58) 2,3,4,6-Tetrachlorophenol	15.222	232	46912	3.319	ng/ul	97
59) Diethylphthalate	15.421	149	248587	3.660	ng/ul	99
61) Fluorene	15.639	166	249223	3.871	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.639	204	112510	3.733	ng/ul	98
63) 4-Nitroaniline	15.692	138	40760	3.800	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.739	198	45388	3.664	ng/ul#	81
67) N-Nitrosodiphenylamine	15.857	169	192937	3.597	ng/ul	99
68) 4-Bromophenyl-phenylether	16.533	248	64027	3.511	ng/ul	98
69) Hexachlorobenzene	16.633	284	77778	3.615	ng/ul	97
70) Atrazine	16.816	200	59661	3.075	ng/ul	98
71) Pentachlorophenol	16.992	266	66517	4.918	ng/ul	97
72) Phenanthrene	17.386	178	386802	3.864	ng/ul	99
74) Anthracene	17.474	178	378496	3.716	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.386	216	81176	3.553	ng/uL	99
76) Pentachlorobenzene	14.904	250	92915	3.985	ng/uL	99
77) Carbazole	17.762	167	322433	3.414	ng/ul	100
78) Di-n-butylphthalate	18.315	149	401706	3.133	ng/ul	99
80) Fluoranthene	19.404	202	407477	3.634	ng/ul	99
82) Pyrene	19.762	202	453784	3.906	ng/ul	98
83) Butylbenzylphthalate	20.668	149	172195	3.134	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.456	252	118947	3.330	ng/ul	98
85) Benzo(a)anthracene	21.515	228	426937	3.769	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.445	149	256769	2.934	ng/ul	99
87) Chrysene	21.568	228	380575	3.722	ng/ul	99
89) Di-n-octyl phthalate	22.386	149	421953	2.815	ng/ul	100
90) Benzo(b)fluoranthene	23.215	252	399444	3.539	ng/ul	98
91) Benzo(k)fluoranthene	23.262	252	394068	3.545	ng/ul	98
93) Benzo(a)pyrene	23.844	252	383311	3.710	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.474	276	441721	3.746	ng/ul	98
95) Dibenzo(a,h)anthracene	26.497	278	366603	3.753	ng/ul	98
96) Benzo(g,h,i)perylene	27.250	276	345557	3.860	ng/ul	99

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

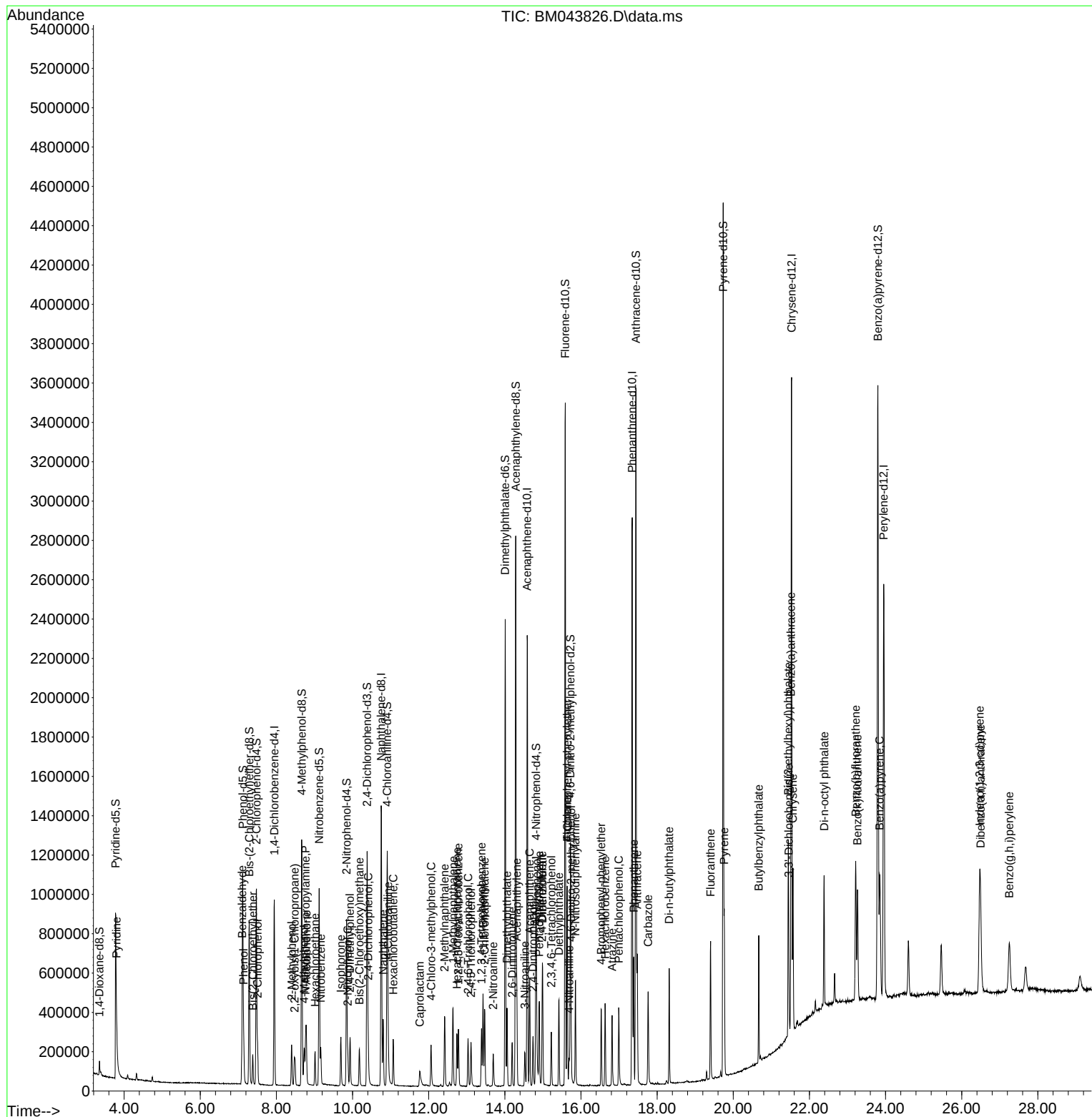
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM011224\
 Data File : BM043826.D
 Acq On : 12 Jan 2024 13:17
 Operator : MA/JU
 Sample : 04696-03
 Misc : SFAM-MDL-SOIL-01
 ALS Vial : 5 Sample Multiplier: 1

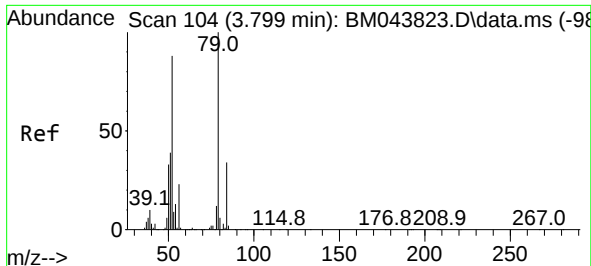
Instrument :
 BNA_M
 ClientSampleId :
 MDL-SOIL-QT4-2023-07

Quant Time: Jan 13 00:46:12 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM010924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jan 10 01:07:47 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

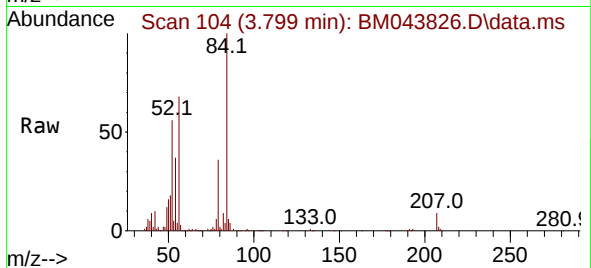
Reviewed By :Jagrut Upadhyay 01/15/2024
 Supervised By :mohammad ahmed 01/16/2024





#5
Pyridine
Concen: 4.033 ng/ul
RT: 3.799 min Scan# 104
Delta R.T. 0.000 min
Lab File: BM043826.D
Acq: 12 Jan 2024 13:17

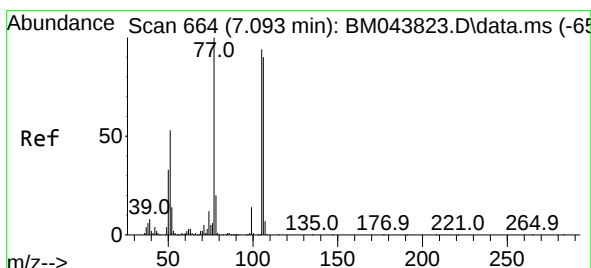
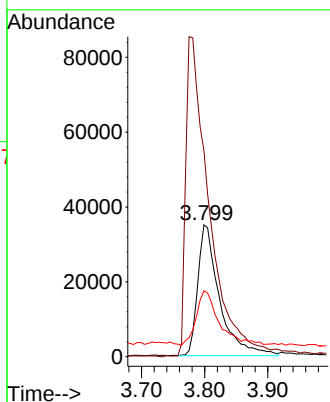
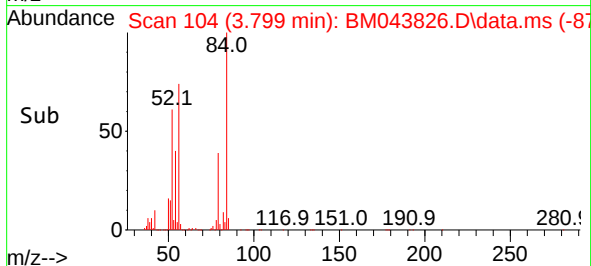
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT4-2023-07



Tgt Ion: 79 Resp: 83790
Ion Ratio Lower Upper
79 100
52 156.3 69.4 104.0
51 50.0 31.4 47.2

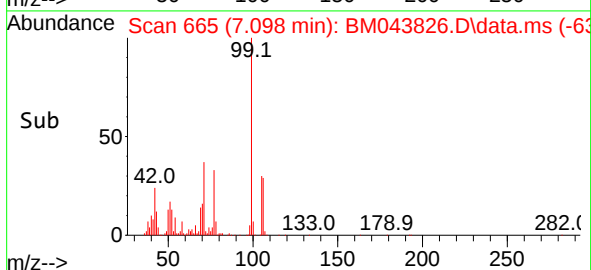
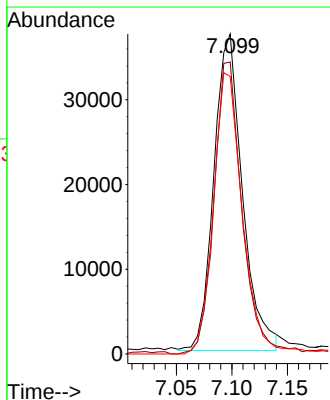
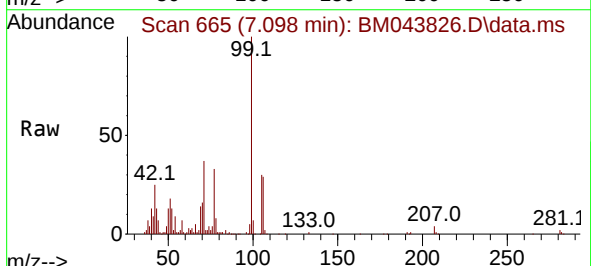
Manual Integrations
APPROVED

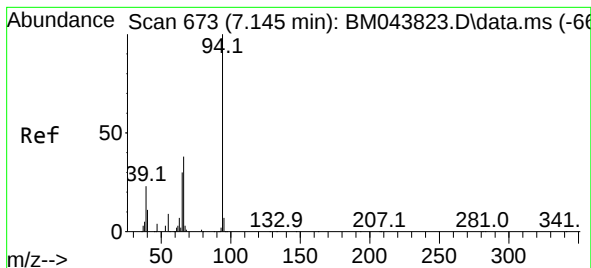
Reviewed By :Jagrut Upadhyay 01/15/2024
Supervised By :mohammad ahmed 01/16/2024



#6
Benzaldehyde
Concen: 6.594 ng/ul m
RT: 7.098 min Scan# 665
Delta R.T. 0.000 min
Lab File: BM043826.D
Acq: 12 Jan 2024 13:17

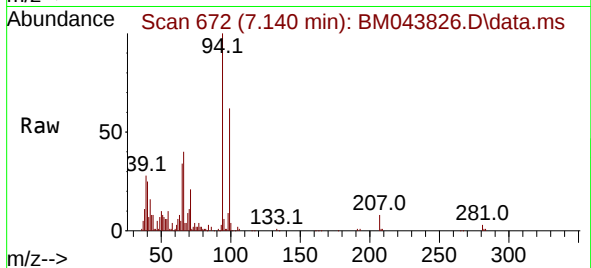
Tgt Ion: 77 Resp: 66853
Ion Ratio Lower Upper
77 100
105 91.3 76.0 114.0
106 86.7 74.2 111.4





#8
Phenol
Concen: 3.726 ng/ul
RT: 7.140 min Scan# 612
Delta R.T. -0.012 min
Lab File: BM043826.D
Acq: 12 Jan 2024 13:17

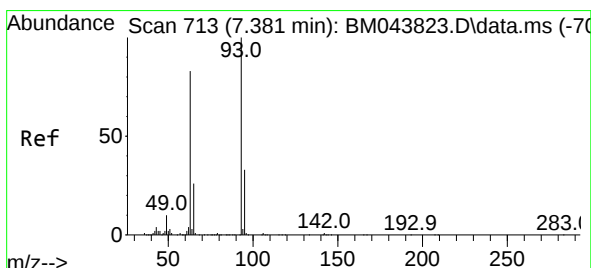
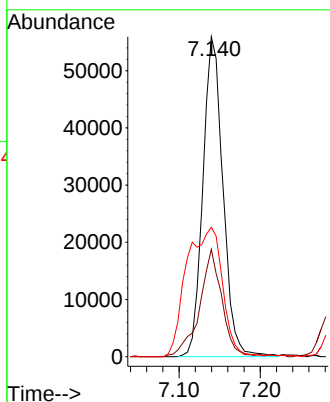
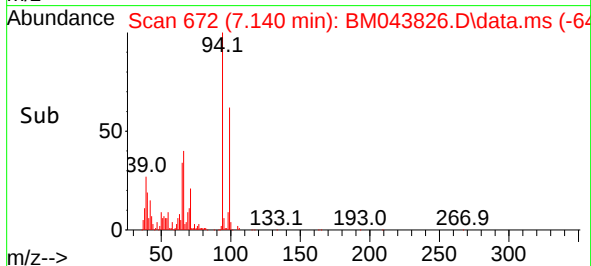
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT4-2023-07



Tgt Ion: 94 Resp: 9612
Ion Ratio Lower Upper
94 100
65 33.5 23.9 35.9
66 40.5 30.7 46.1

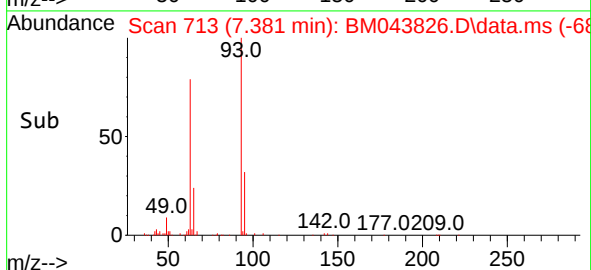
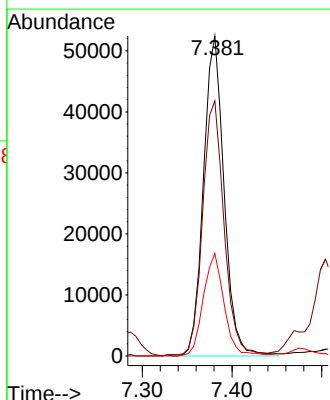
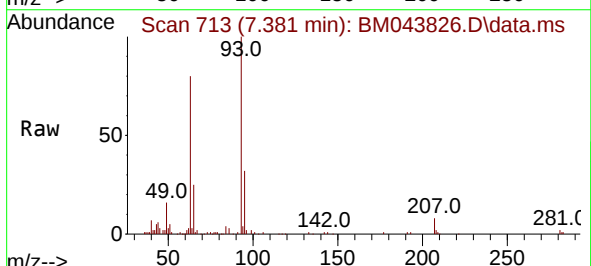
Manual Integrations
APPROVED

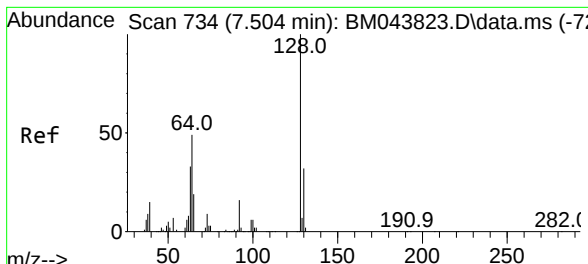
Reviewed By :Jagrut Upadhyay 01/15/2024
Supervised By :mohammad ahmed 01/16/2024



#10
Bis(2-Chloroethyl)ether
Concen: 4.026 ng/ul
RT: 7.381 min Scan# 713
Delta R.T. -0.006 min
Lab File: BM043826.D
Acq: 12 Jan 2024 13:17

Tgt Ion: 93 Resp: 83752
Ion Ratio Lower Upper
93 100
63 79.7 64.1 96.1
95 32.0 26.1 39.1





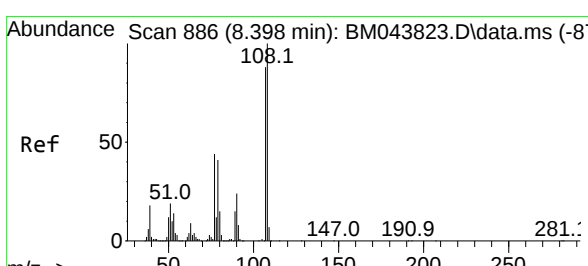
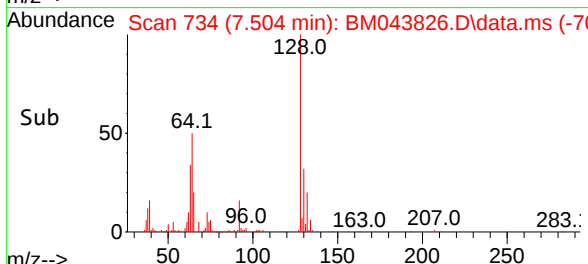
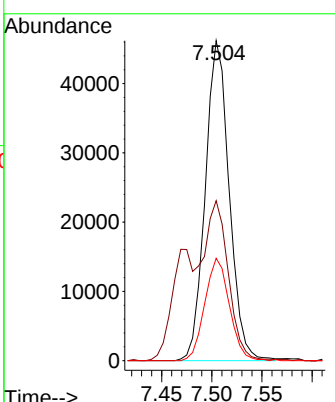
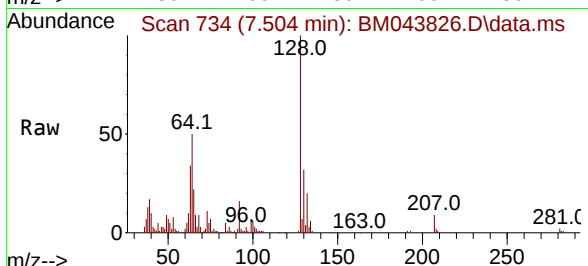
#12
2-Chlorophenol
Concen: 3.957 ng/ul
RT: 7.504 min Scan# 71
Delta R.T. -0.006 min
Lab File: BM043826.D
Acq: 12 Jan 2024 13:17

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

Tgt Ion:	128	Resp:	7675
Ion Ratio	Lower	Upper	
128	100		
64	50.0	38.7	58.1
130	32.0	25.3	37.9

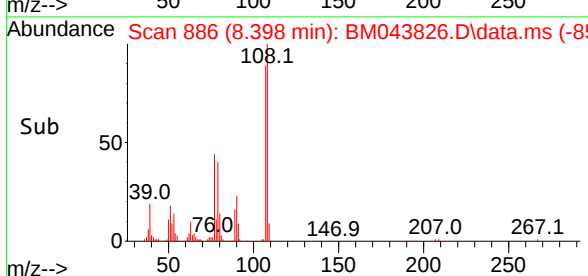
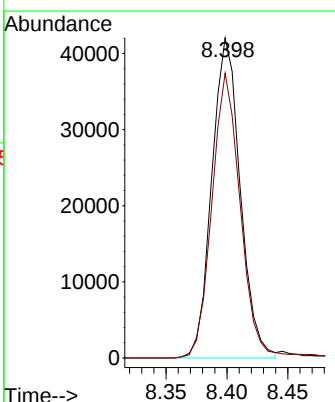
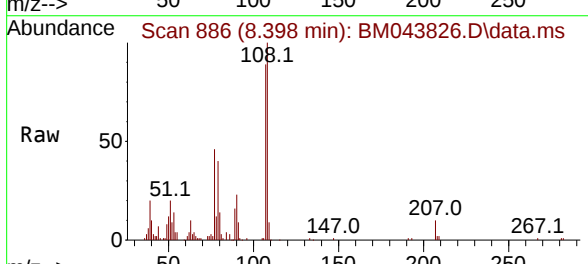
Manual Integrations
APPROVED

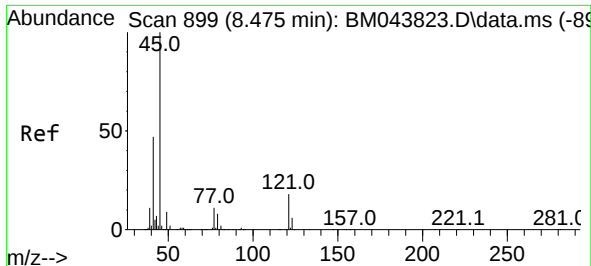
Reviewed By :Jagrut Upadhyay 01/15/2024
Supervised By :mohammad ahmed 01/16/2024



#13
2-Methylphenol
Concen: 3.431 ng/ul
RT: 8.398 min Scan# 886
Delta R.T. -0.006 min
Lab File: BM043826.D
Acq: 12 Jan 2024 13:17

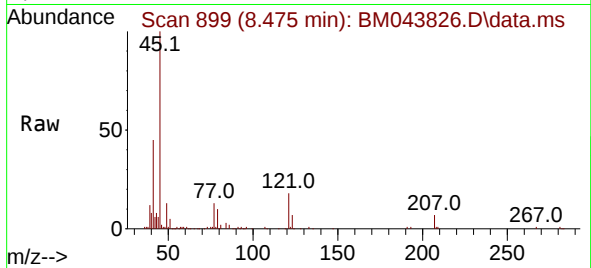
Tgt Ion:	108	Resp:	68176
Ion Ratio	Lower	Upper	
108	100		
107	89.0	71.6	107.4





#14
2,2'-oxybis(1-Chloropropane)
Concen: 4.152 ng/ul
RT: 8.475 min Scan# 899
Delta R.T. 0.000 min
Lab File: BM043826.D
Acq: 12 Jan 2024 13:17

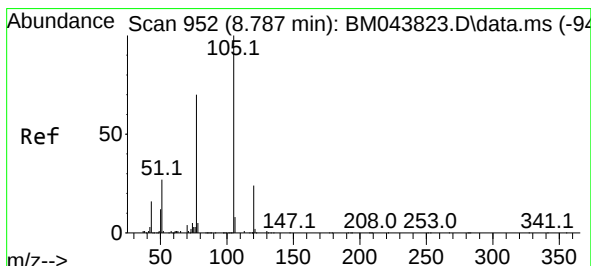
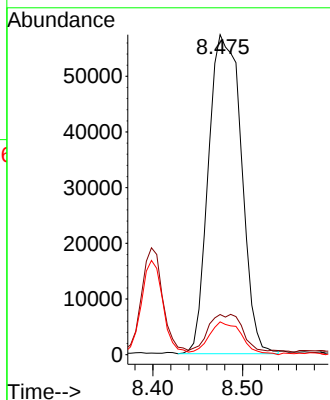
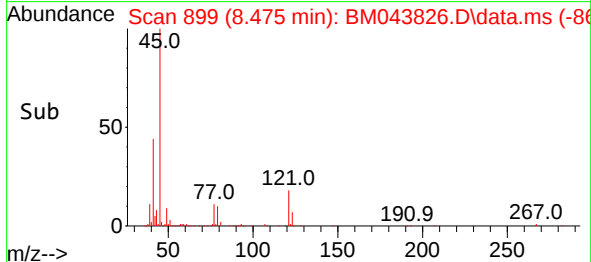
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT4-2023-07



Tgt Ion: 45 Resp: 145629
Ion Ratio Lower Upper
45 100
77 12.6 9.9 14.9
79 10.2 7.0 10.6

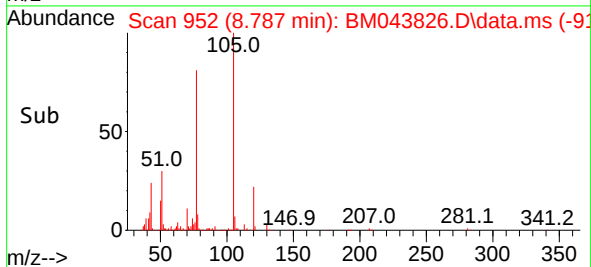
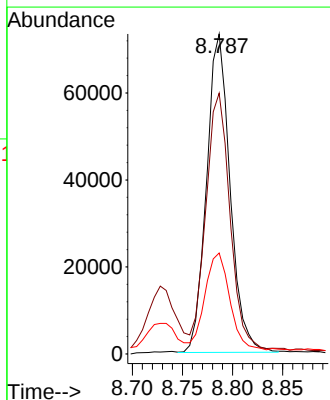
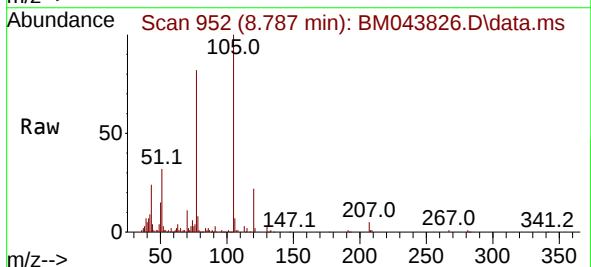
Manual Integrations
APPROVED

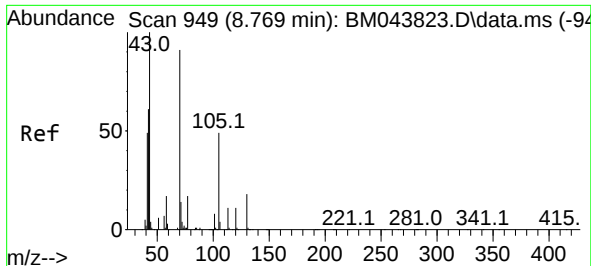
Reviewed By :Jagrut Upadhyay 01/15/2024
Supervised By :mohammad ahmed 01/16/2024



#16
Acetophenone
Concen: 3.773 ng/ul
RT: 8.787 min Scan# 952
Delta R.T. 0.000 min
Lab File: BM043826.D
Acq: 12 Jan 2024 13:17

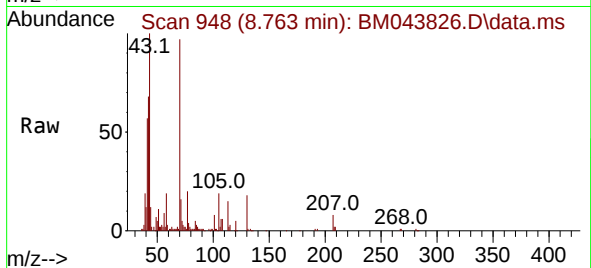
Tgt Ion:105 Resp: 119700
Ion Ratio Lower Upper
105 100
77 81.5 65.8 98.6
51 31.6 25.3 37.9





#17
N-Nitroso-di-n-propylamine
Concen: 3.880 ng/ul
RT: 8.763 min Scan# 941
Delta R.T. -0.006 min
Lab File: BM043826.D
Acq: 12 Jan 2024 13:17

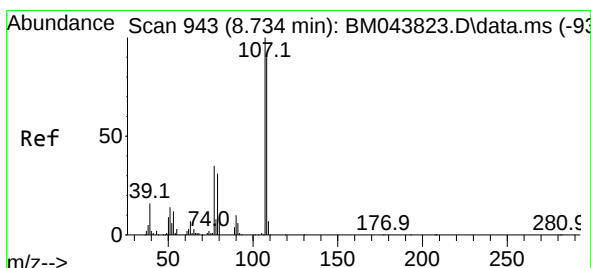
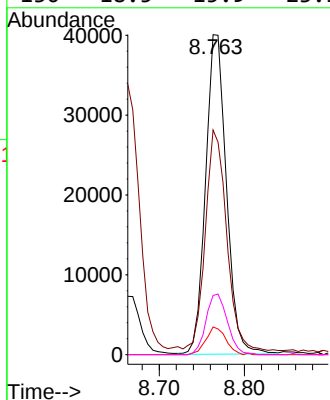
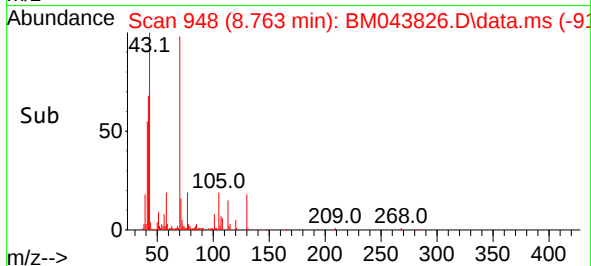
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT4-2023-07



Tgt Ion: 70 Resp: 6804
Ion Ratio Lower Upper
70 100
42 70.2 52.3 78.5
101 8.6 7.0 10.4
130 18.5 15.9 23.9

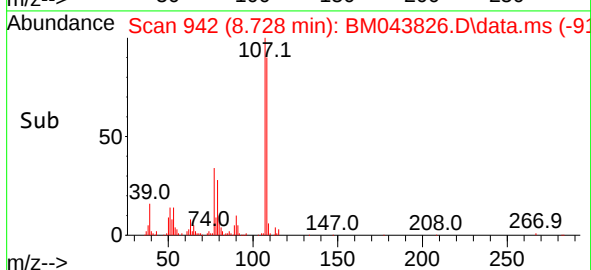
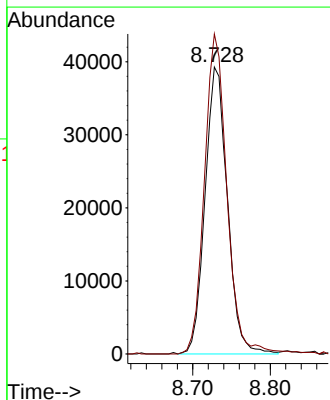
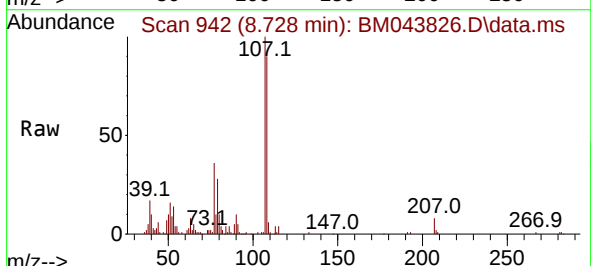
Manual Integrations
APPROVED

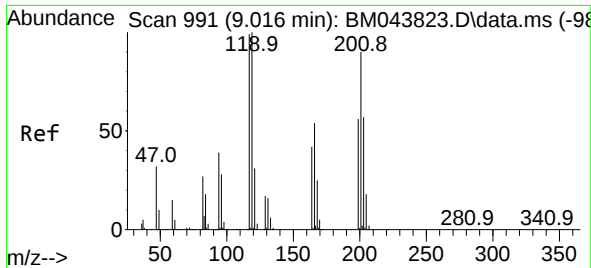
Reviewed By :Jagrut Upadhyay 01/15/2024
Supervised By :mohammad ahmed 01/16/2024



#18
4-Methylphenol
Concen: 3.654 ng/ul
RT: 8.728 min Scan# 942
Delta R.T. -0.012 min
Lab File: BM043826.D
Acq: 12 Jan 2024 13:17

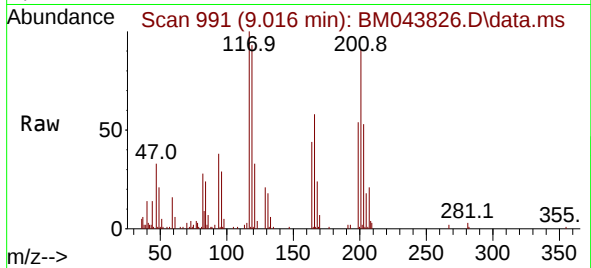
Tgt Ion:108 Resp: 78884
Ion Ratio Lower Upper
108 100
107 111.6 85.3 127.9





#19
Hexachloroethane
Concen: 4.061 ng/ul
RT: 9.016 min Scan# 991
Delta R.T. 0.000 min
Lab File: BM043826.D
Acq: 12 Jan 2024 13:17

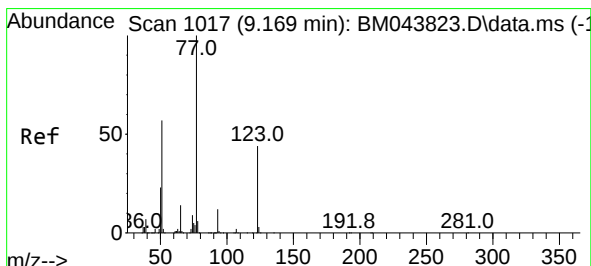
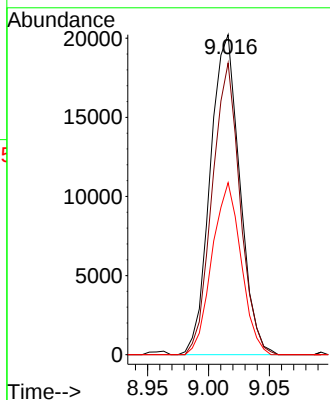
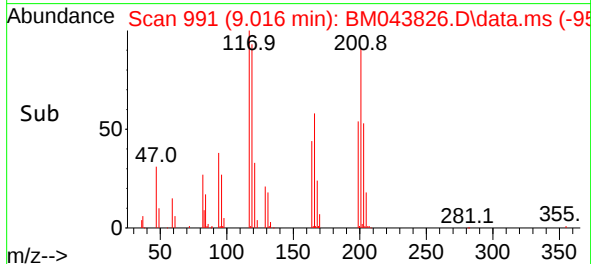
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT4-2023-07



Tgt Ion:117 Resp: 3413
Ion Ratio Lower Upper
117 100
201 91.1 69.9 104.9
199 55.0 43.7 65.5

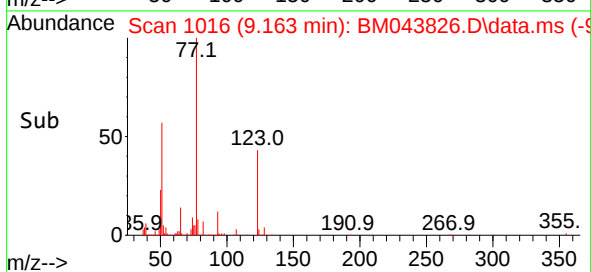
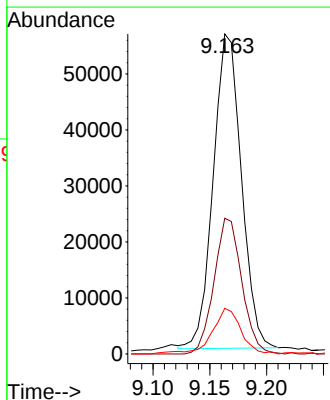
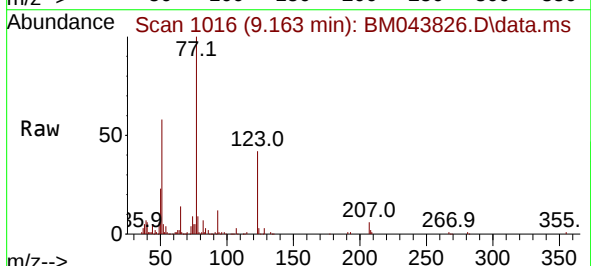
Manual Integrations
APPROVED

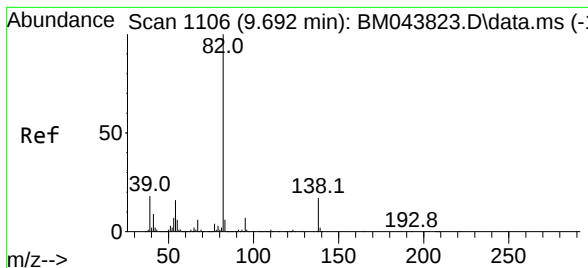
Reviewed By :Jagrut Upadhyay 01/15/2024
Supervised By :mohammad ahmed 01/16/2024



#22
Nitrobenzene
Concen: 4.047 ng/ul
RT: 9.163 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BM043826.D
Acq: 12 Jan 2024 13:17

Tgt Ion: 77 Resp: 96715
Ion Ratio Lower Upper
77 100
123 42.4 33.8 50.8
65 14.2 11.1 16.7





#23

Isophorone

Concen: 3.670 ng/ul

RT: 9.692 min Scan# 1106

Delta R.T. -0.006 min

Lab File: BM043826.D

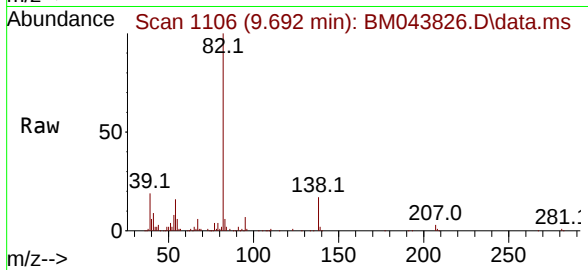
Acq: 12 Jan 2024 13:17

Instrument :

BNA_M

ClientSampleId :

MDL-SOIL-QT4-2023-07

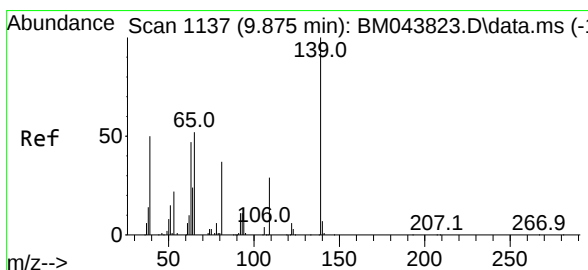
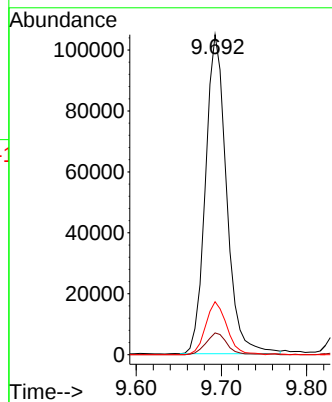
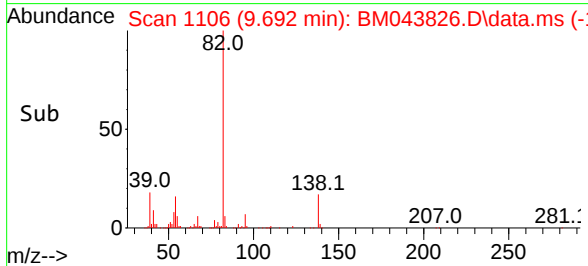


Tgt Ion:	82	Resp:	17990
Ion Ratio	Lower	Upper	
82	100		
95	6.8	5.3	7.9
138	16.6	14.0	21.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 01/15/2024
Supervised By :mohammad ahmed 01/16/2024



#25

2-Nitrophenol

Concen: 3.914 ng/ul

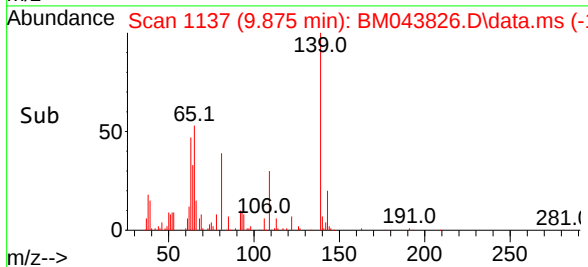
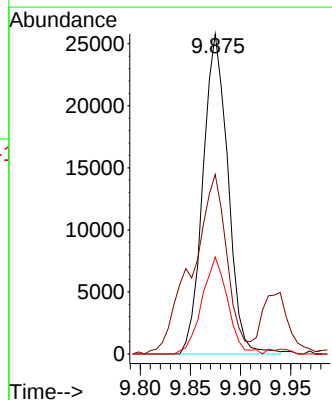
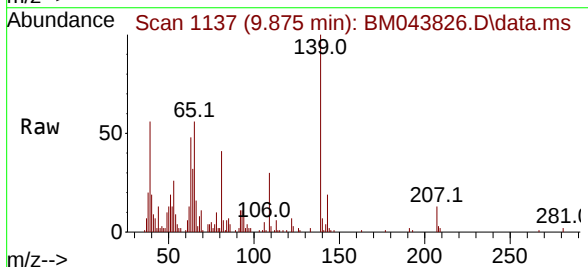
RT: 9.875 min Scan# 1137

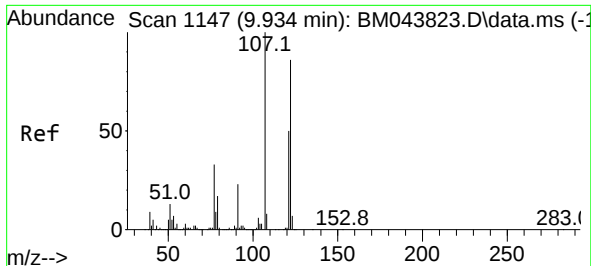
Delta R.T. -0.006 min

Lab File: BM043826.D

Acq: 12 Jan 2024 13:17

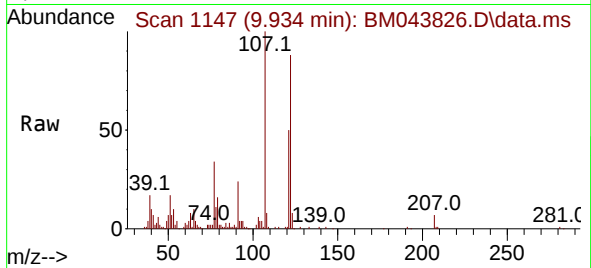
Tgt Ion:	139	Resp:	44649
Ion Ratio	Lower	Upper	
139	100		
65	56.1	41.8	62.8
109	30.3	23.1	34.7





#26
2,4-Dimethylphenol
Concen: 3.691 ng/ul
RT: 9.934 min Scan# 1147
Delta R.T. -0.006 min
Lab File: BM043826.D
Acq: 12 Jan 2024 13:17

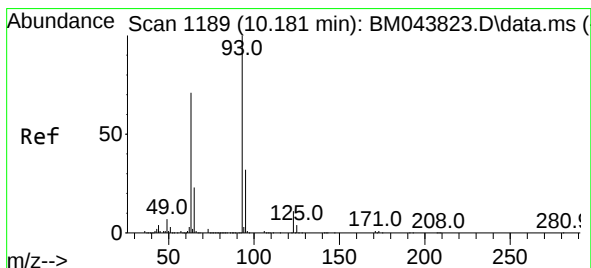
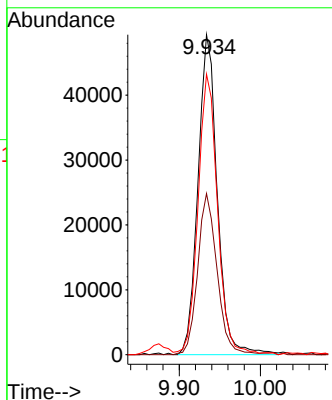
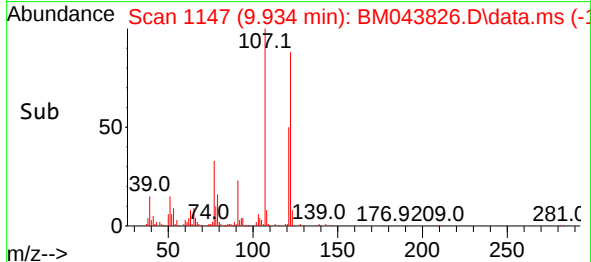
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT4-2023-07



Tgt Ion:107 Resp: 81664
Ion Ratio Lower Upper
107 100
121 50.4 40.2 60.4
122 87.7 70.8 106.2

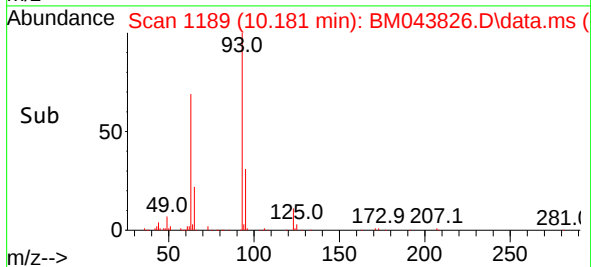
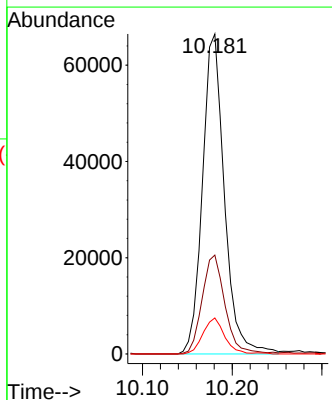
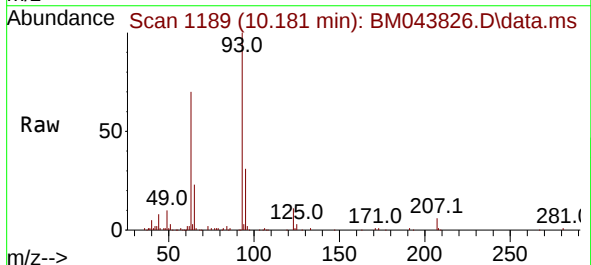
Manual Integrations
APPROVED

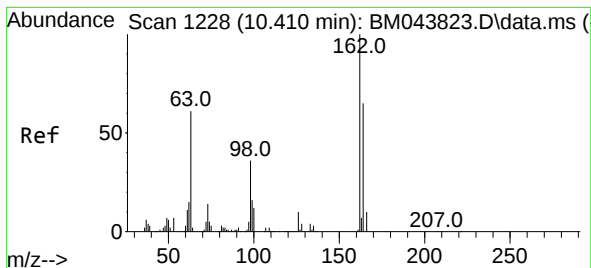
Reviewed By :Jagrut Upadhyay 01/15/2024
Supervised By :mohammad ahmed 01/16/2024



#27
Bis(2-Chloroethoxy)methane
Concen: 3.883 ng/ul
RT: 10.181 min Scan# 1189
Delta R.T. 0.000 min
Lab File: BM043826.D
Acq: 12 Jan 2024 13:17

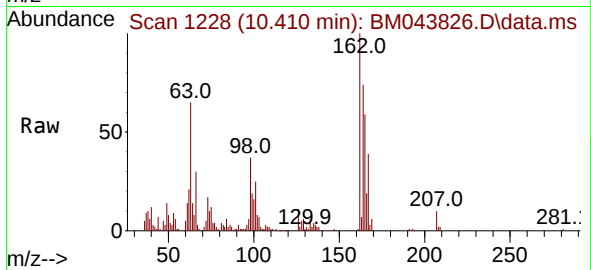
Tgt Ion: 93 Resp: 112886
Ion Ratio Lower Upper
93 100
95 30.9 26.2 39.4
123 11.2 9.2 13.8





#29
2,4-Dichlorophenol
Concen: 3.749 ng/ul
RT: 10.410 min Scan# 1228
Delta R.T. -0.006 min
Lab File: BM043826.D
Acq: 12 Jan 2024 13:17

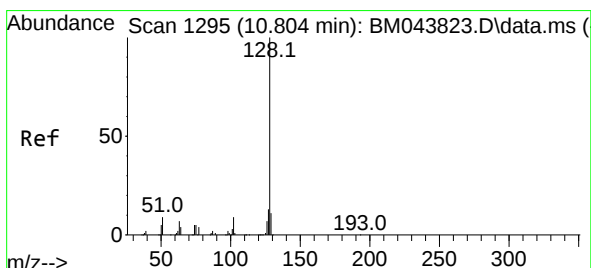
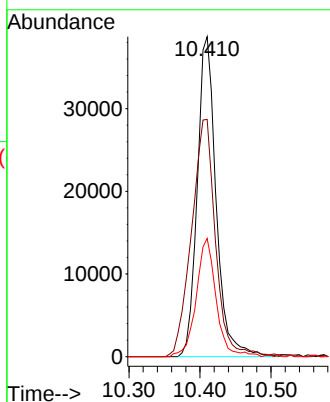
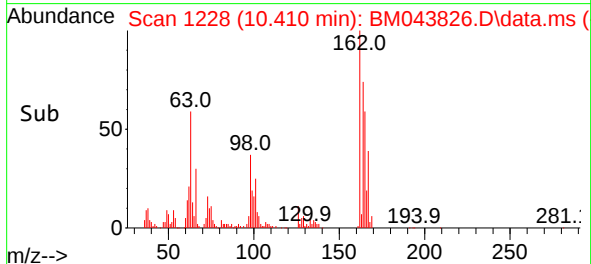
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT4-2023-07



Tgt Ion:162 Resp: 71820
Ion Ratio Lower Upper
162 100
164 74.2 52.3 78.5
98 37.0 28.5 42.7

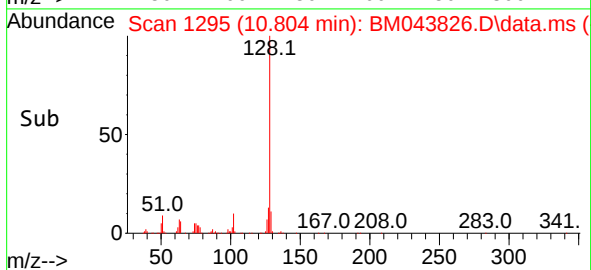
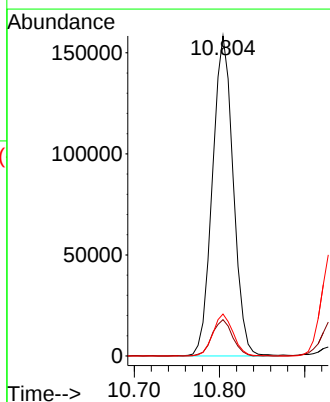
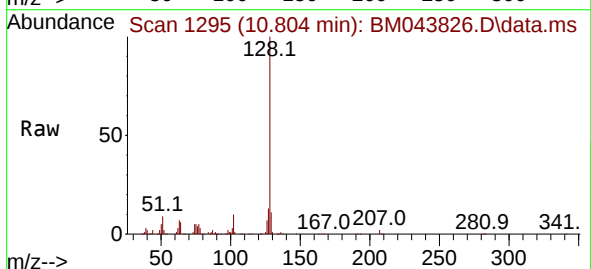
Manual Integrations
APPROVED

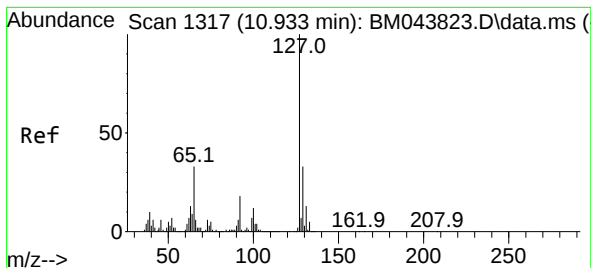
Reviewed By :Jagrut Upadhyay 01/15/2024
Supervised By :mohammad ahmed 01/16/2024



#30
Naphthalene
Concen: 4.036 ng/ul
RT: 10.804 min Scan# 1295
Delta R.T. -0.006 min
Lab File: BM043826.D
Acq: 12 Jan 2024 13:17

Tgt Ion:128 Resp: 268531
Ion Ratio Lower Upper
128 100
129 11.4 8.8 13.2
127 13.1 10.2 15.4





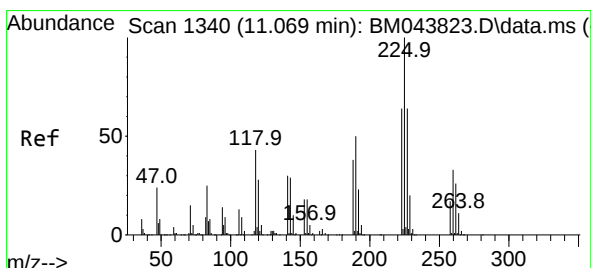
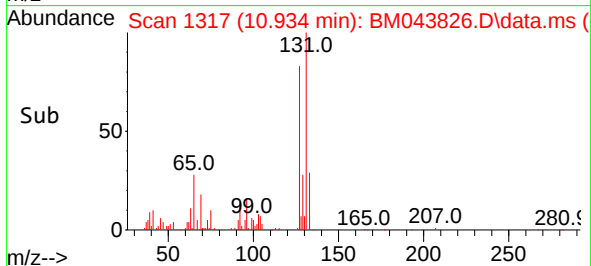
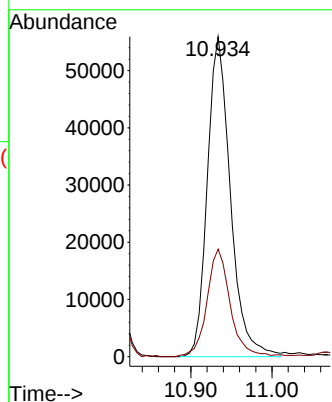
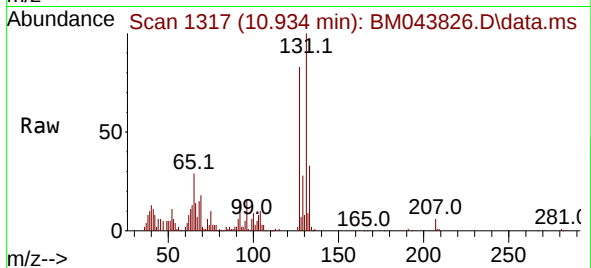
#32
4-Chloroaniline
Concen: 3.711 ng/ul
RT: 10.934 min Scan# 11037
Delta R.T. -0.006 min
Lab File: BM043826.D
Acq: 12 Jan 2024 13:17

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

Tgt Ion:127 Resp: 11037
Ion Ratio Lower Upper
127 100
129 33.6 25.8 38.6

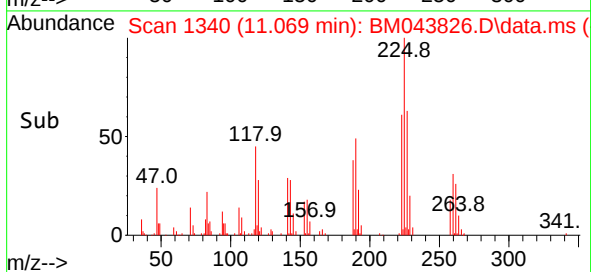
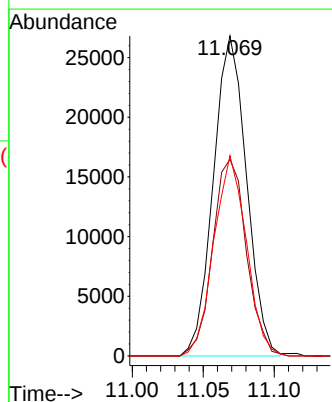
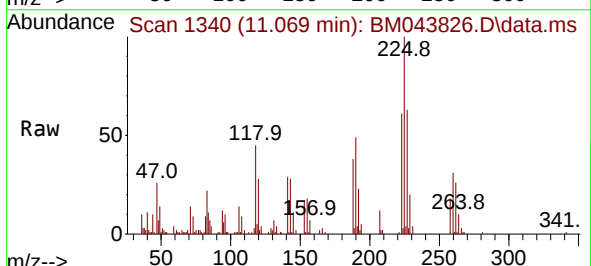
Manual Integrations
APPROVED

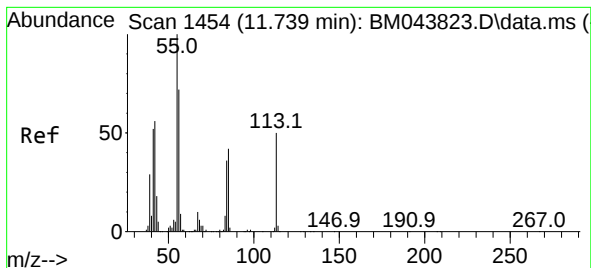
Reviewed By :Jagrut Upadhyay 01/15/2024
Supervised By :mohammad ahmed 01/16/2024



#33
Hexachlorobutadiene
Concen: 4.067 ng/ul
RT: 11.069 min Scan# 1340
Delta R.T. -0.006 min
Lab File: BM043826.D
Acq: 12 Jan 2024 13:17

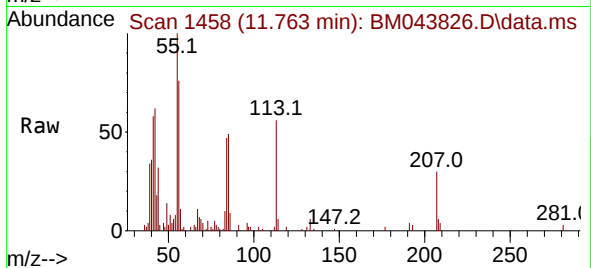
Tgt Ion:225 Resp: 43608
Ion Ratio Lower Upper
225 100
223 61.5 50.6 75.8
227 62.6 50.8 76.2





#34
Caprolactam
Concen: 3.339 ng/ul m
RT: 11.763 min Scan# 1454
Delta R.T. 0.018 min
Lab File: BM043826.D
Acq: 12 Jan 2024 13:17

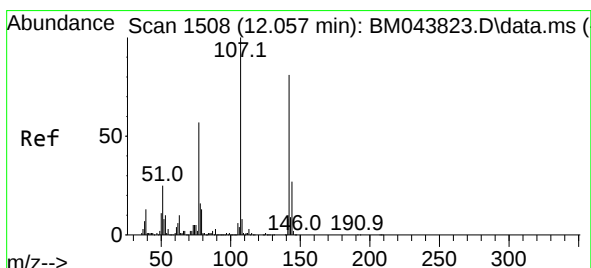
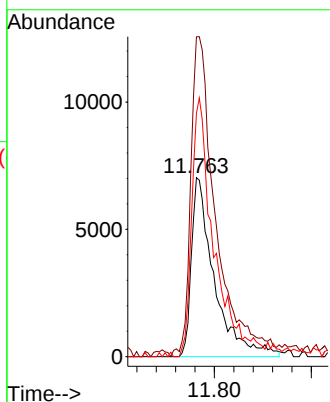
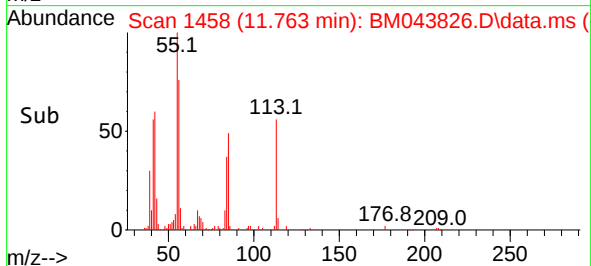
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT4-2023-07



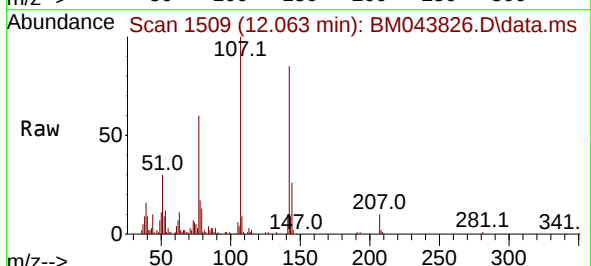
Tgt Ion:113 Resp: 23030
Ion Ratio Lower Upper
113 100
55 178.6 147.3 220.9
56 136.0 109.9 164.9

Manual Integrations
APPROVED

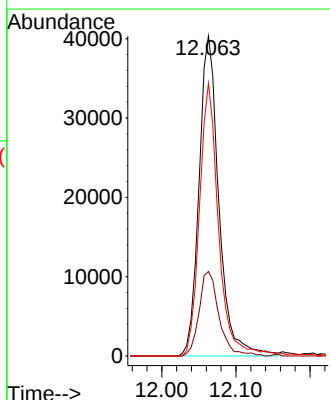
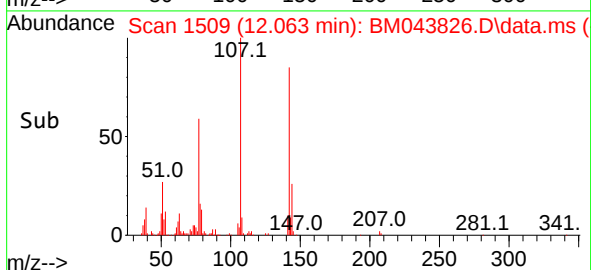
Reviewed By :Jagrut Upadhyay 01/15/2024
Supervised By :mohammad ahmed 01/16/2024

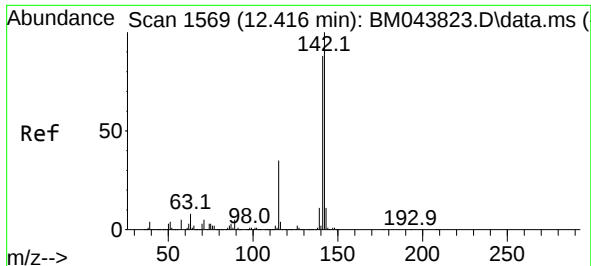


#35
4-Chloro-3-methylphenol
Concen: 3.542 ng/ul
RT: 12.063 min Scan# 1509
Delta R.T. 0.000 min
Lab File: BM043826.D
Acq: 12 Jan 2024 13:17



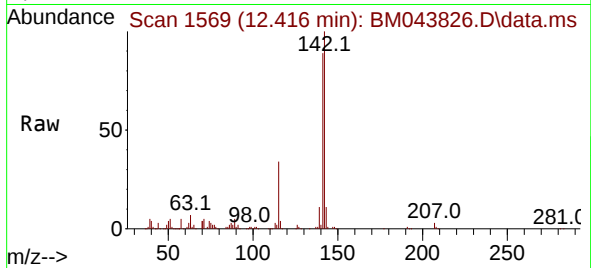
Tgt Ion:107 Resp: 75190
Ion Ratio Lower Upper
107 100
144 26.4 21.8 32.6
142 85.2 65.9 98.9





#36
2-Methylnaphthalene
Concen: 3.935 ng/ul
RT: 12.416 min Scan# 1569
Delta R.T. -0.006 min
Lab File: BM043826.D
Acq: 12 Jan 2024 13:17

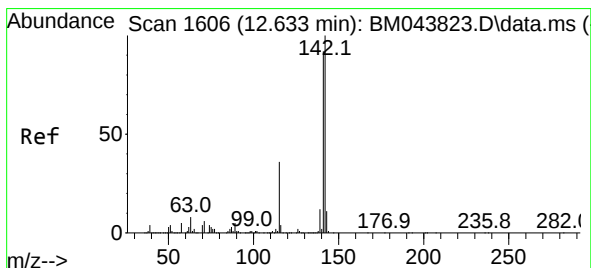
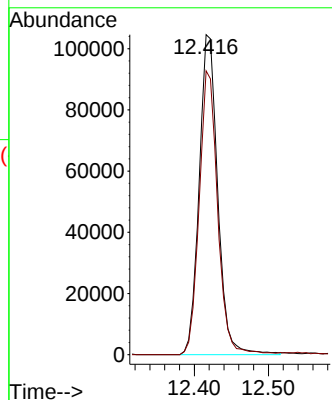
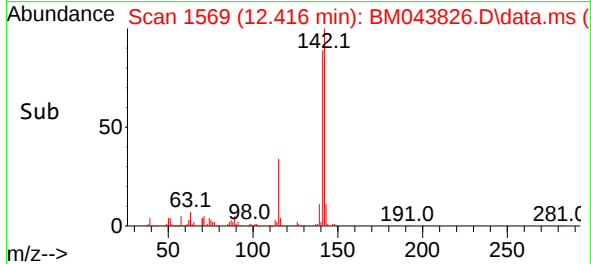
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT4-2023-07



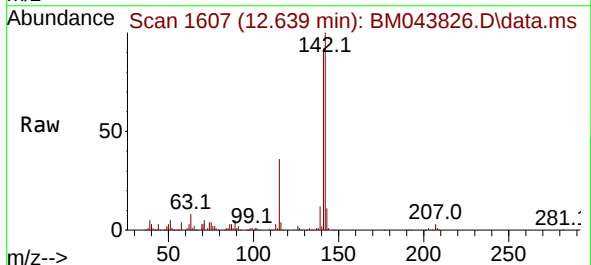
Tgt Ion:142 Resp: 182529
Ion Ratio Lower Upper
142 100
141 88.7 71.4 107.0

Manual Integrations
APPROVED

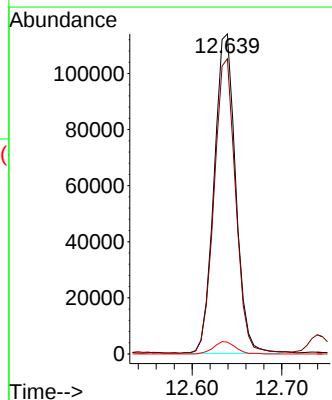
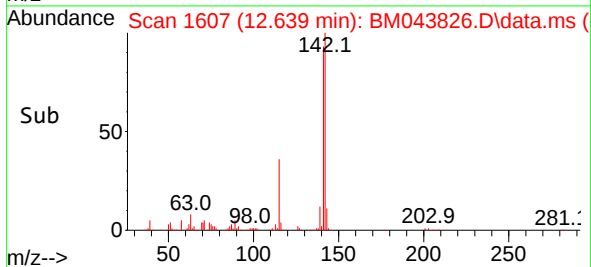
Reviewed By :Jagrut Upadhyay 01/15/2024
Supervised By :mohammad ahmed 01/16/2024

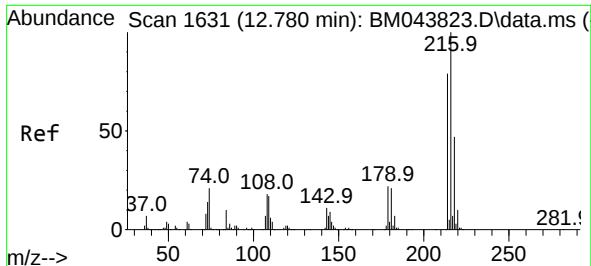


#37
1-Methylnaphthalene
Concen: 4.110 ng/ul
RT: 12.639 min Scan# 1607
Delta R.T. 0.000 min
Lab File: BM043826.D
Acq: 12 Jan 2024 13:17



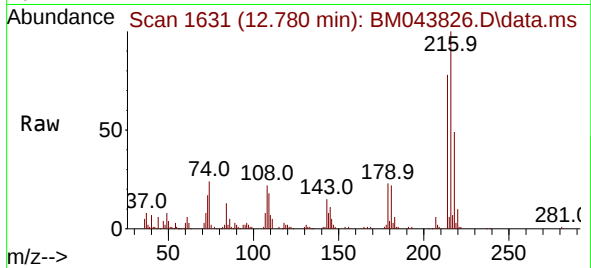
Tgt Ion:142 Resp: 190073
Ion Ratio Lower Upper
142 100
141 92.3 73.4 110.2
116 3.7 3.0 4.4





#39
1,2,4,5-Tetrachlorobenzene
Concen: 3.672 ng/ul
RT: 12.780 min Scan# 1631
Delta R.T. -0.006 min
Lab File: BM043826.D
Acq: 12 Jan 2024 13:17

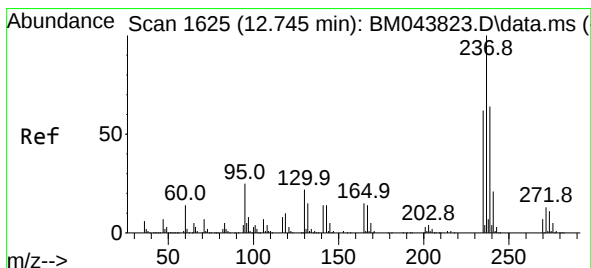
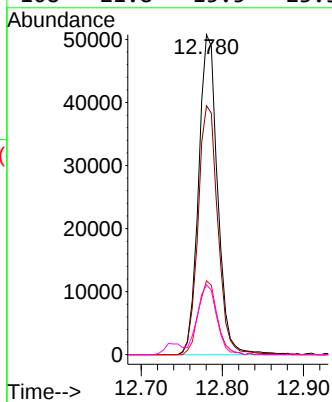
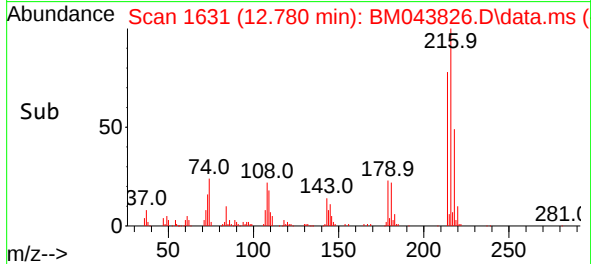
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT4-2023-07



Tgt Ion	Ratio	Lower	Upper
216	100		
214	77.8	64.3	96.5
179	23.1	17.8	26.8
108	21.8	15.5	23.3

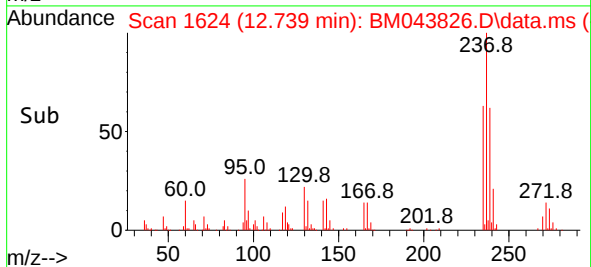
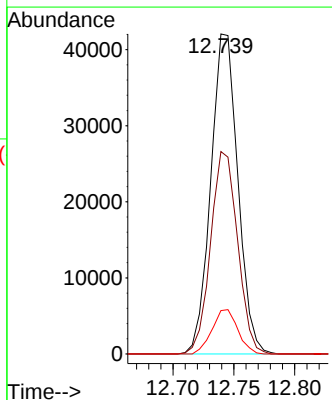
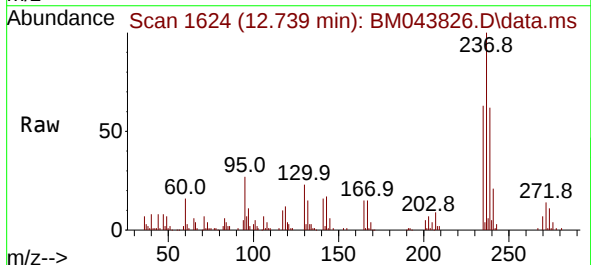
Manual Integrations
APPROVED

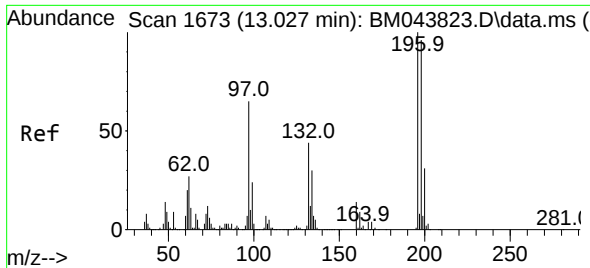
Reviewed By :Jagrut Upadhyay 01/15/2024
Supervised By :mohammad ahmed 01/16/2024



#40
Hexachlorocyclopentadiene
Concen: 4.330 ng/ul
RT: 12.739 min Scan# 1624
Delta R.T. -0.006 min
Lab File: BM043826.D
Acq: 12 Jan 2024 13:17

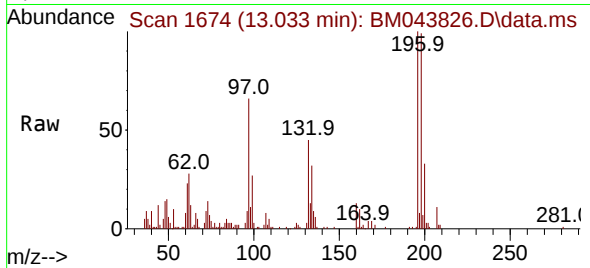
Tgt Ion	Ratio	Lower	Upper
237	100		
235	63.3	49.8	74.8
272	13.6	9.8	14.8





#41
2,4,6-Trichlorophenol
Concen: 3.253 ng/uI
RT: 13.033 min Scan# 1674
Delta R.T. 0.000 min
Lab File: BM043826.D
Acq: 12 Jan 2024 13:17

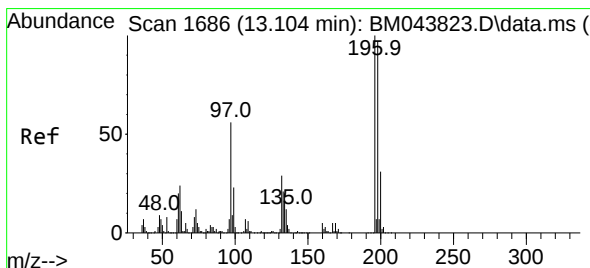
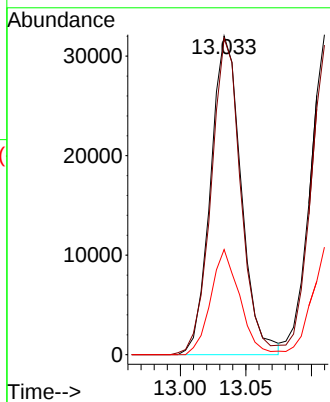
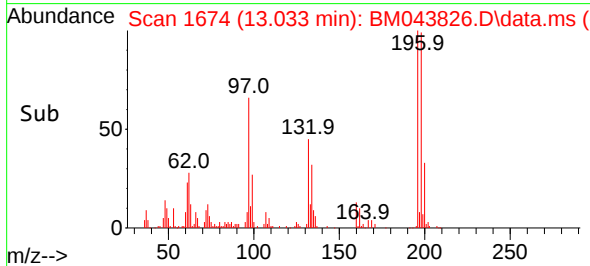
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT4-2023-07



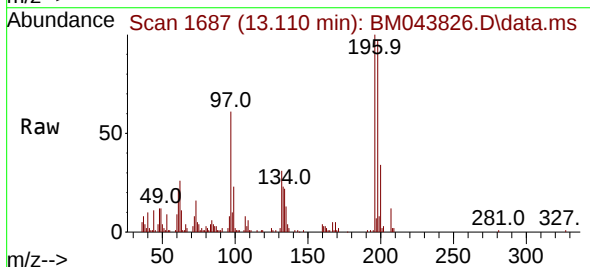
Tgt Ion:196 Resp: 5196
Ion Ratio Lower Upper
196 100
198 99.3 76.3 114.5
200 33.0 24.6 36.8

Manual Integrations
APPROVED

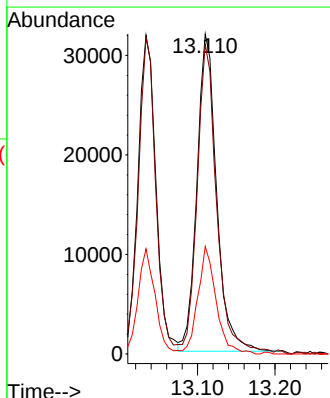
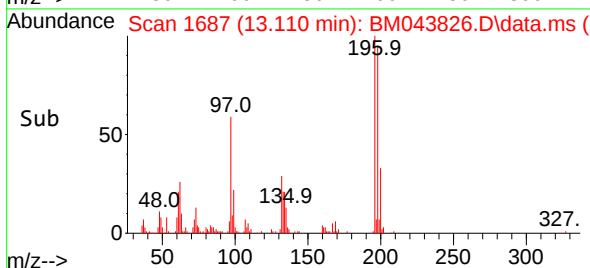
Reviewed By :Jagrut Upadhyay 01/15/2024
Supervised By :mohammad ahmed 01/16/2024

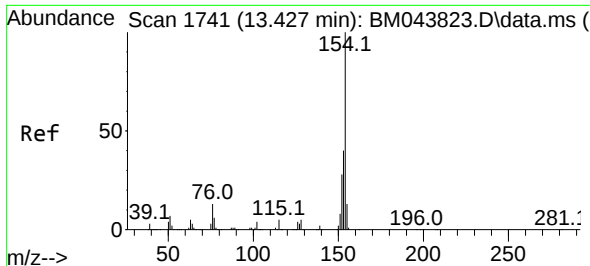


#42
2,4,5-Trichlorophenol
Concen: 3.319 ng/uI
RT: 13.110 min Scan# 1687
Delta R.T. 0.000 min
Lab File: BM043826.D
Acq: 12 Jan 2024 13:17



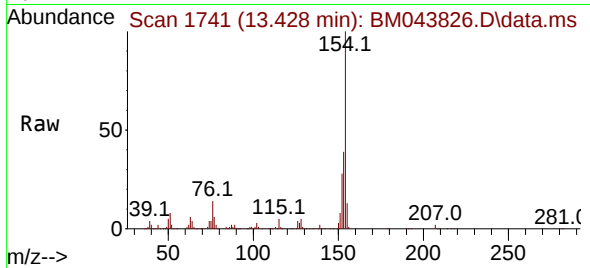
Tgt Ion:196 Resp: 56297
Ion Ratio Lower Upper
196 100
198 96.7 76.6 114.8
200 33.6 24.4 36.6





#43
1,1'-Biphenyl
Concen: 3.790 ng/ul
RT: 13.428 min Scan# 1741
Delta R.T. -0.006 min
Lab File: BM043826.D
Acq: 12 Jan 2024 13:17

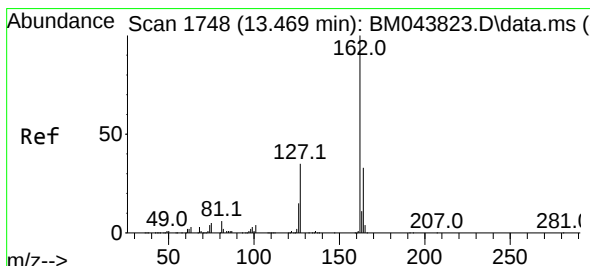
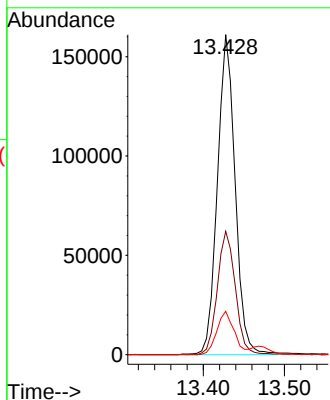
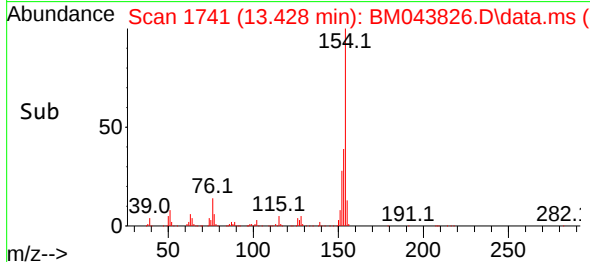
Instrument : BNA_M
ClientSampleId : MDL-SOIL-QT4-2023-07



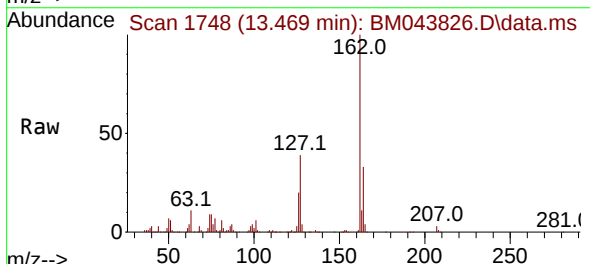
Tgt Ion:154 Resp: 244815
Ion Ratio Lower Upper
154 100
153 38.6 31.9 47.9
76 13.5 10.4 15.6

Manual Integrations
APPROVED

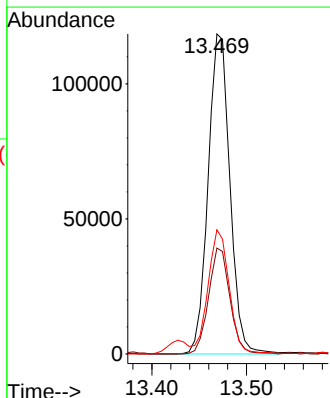
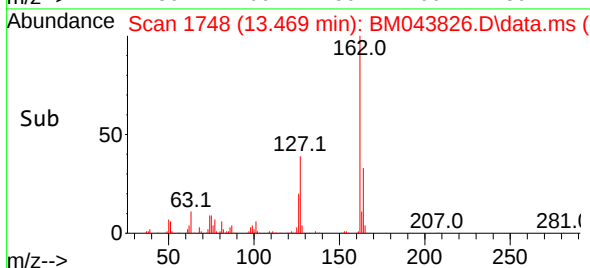
Reviewed By :Jagrut Upadhyay 01/15/2024
Supervised By :mohammad ahmed 01/16/2024

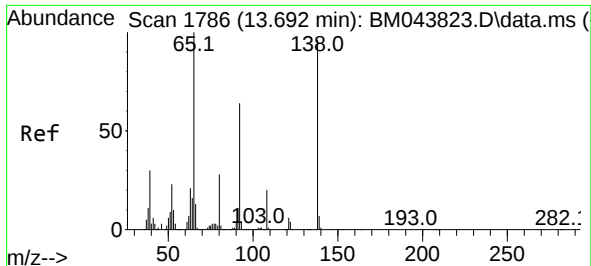


#44
2-Chloronaphthalene
Concen: 3.799 ng/ul
RT: 13.469 min Scan# 1748
Delta R.T. -0.006 min
Lab File: BM043826.D
Acq: 12 Jan 2024 13:17



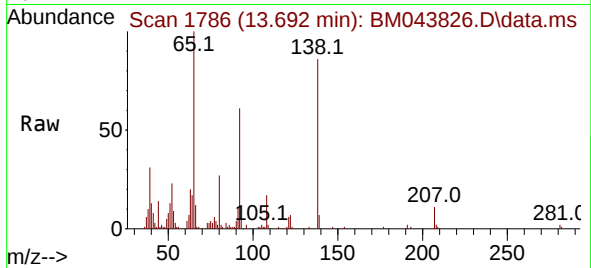
Tgt Ion:162 Resp: 189109
Ion Ratio Lower Upper
162 100
164 33.1 25.9 38.9
127 38.8 30.7 46.1





#45
2-Nitroaniline
Concen: 3.367 ng/ul
RT: 13.692 min Scan# 1786
Delta R.T. -0.006 min
Lab File: BM043826.D
Acq: 12 Jan 2024 13:17

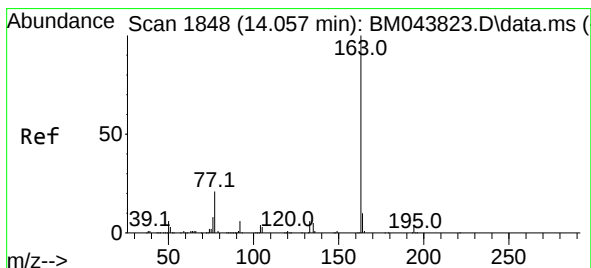
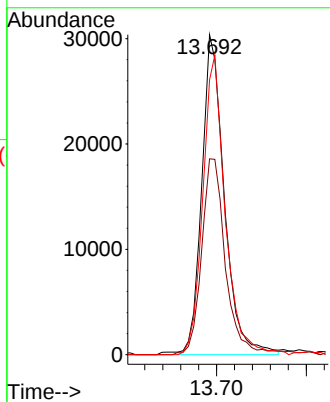
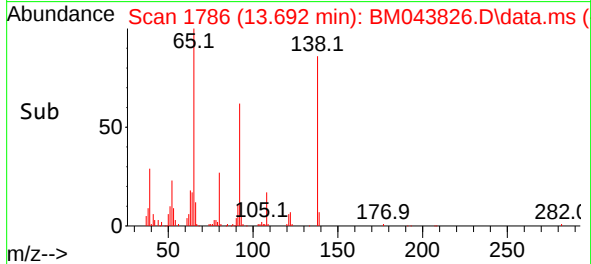
Instrument : BNA_M
ClientSampleId : MDL-SOIL-QT4-2023-07



Tgt Ion: 65 Resp: 5289
Ion Ratio Lower Upper
65 100
92 61.2 52.3 78.5
138 85.9 82.6 123.8

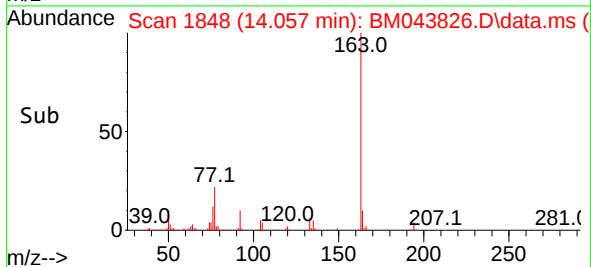
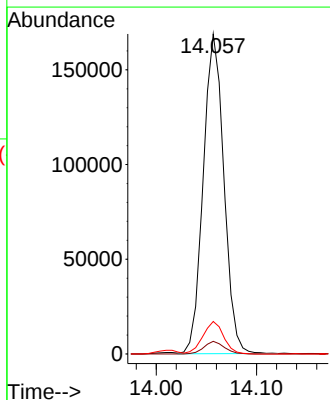
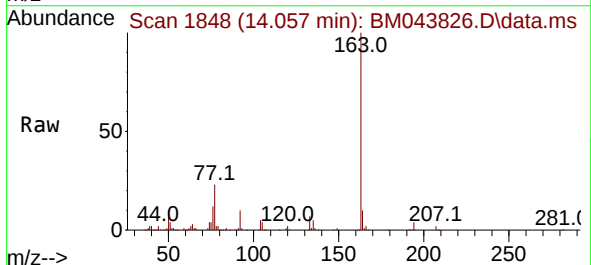
Manual Integrations
APPROVED

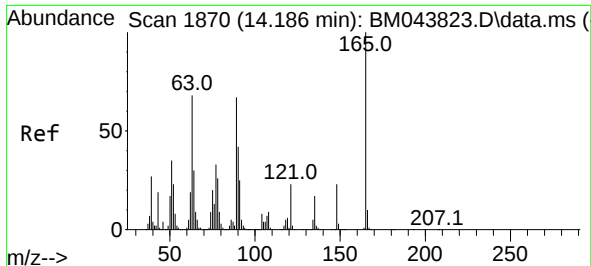
Reviewed By :Jagrut Upadhyay 01/15/2024
Supervised By :mohammad ahmed 01/16/2024



#47
Dimethylphthalate
Concen: 3.802 ng/ul
RT: 14.057 min Scan# 1848
Delta R.T. -0.006 min
Lab File: BM043826.D
Acq: 12 Jan 2024 13:17

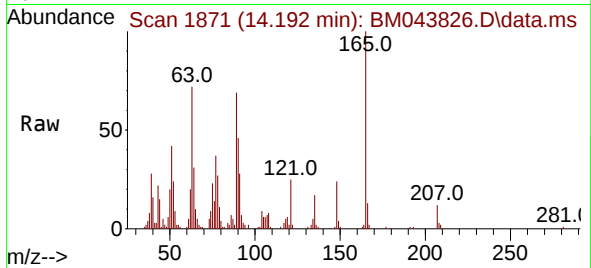
Tgt Ion:163 Resp: 242221
Ion Ratio Lower Upper
163 100
194 4.0 3.1 4.7
164 10.2 8.1 12.1





#48
2,6-Dinitrotoluene
Concen: 3.118 ng/ul
RT: 14.192 min Scan# 1871
Delta R.T. 0.000 min
Lab File: BM043826.D
Acq: 12 Jan 2024 13:17

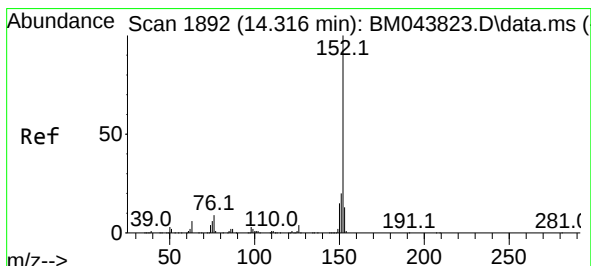
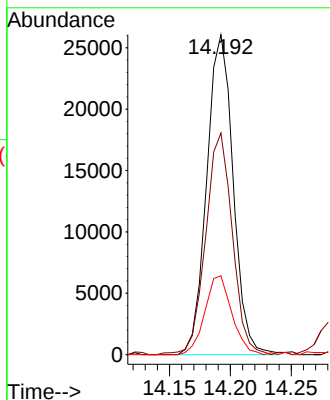
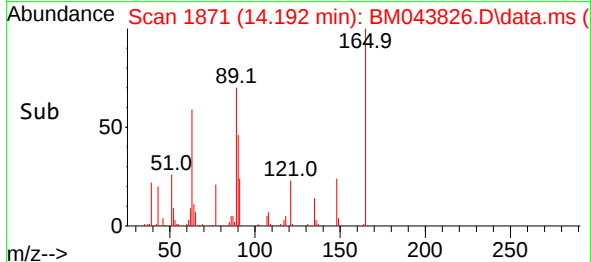
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT4-2023-07



Tgt Ion:165 Resp: 39360
Ion Ratio Lower Upper
165 100
89 69.3 49.5 74.3
121 24.7 17.8 26.6

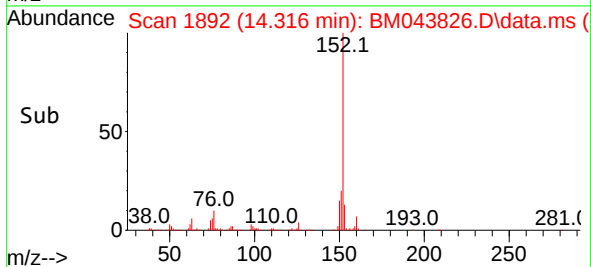
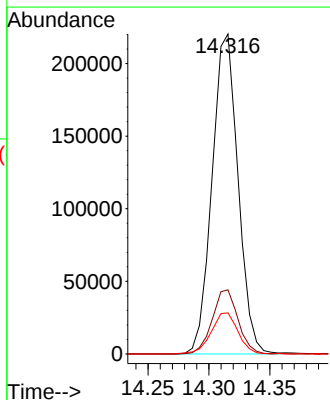
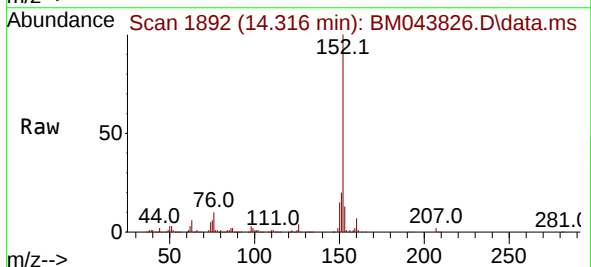
Manual Integrations
APPROVED

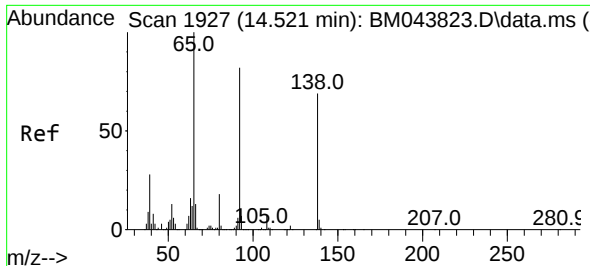
Reviewed By :Jagrut Upadhyay 01/15/2024
Supervised By :mohammad ahmed 01/16/2024



#50
Acenaphthylene
Concen: 3.885 ng/ul
RT: 14.316 min Scan# 1892
Delta R.T. -0.006 min
Lab File: BM043826.D
Acq: 12 Jan 2024 13:17

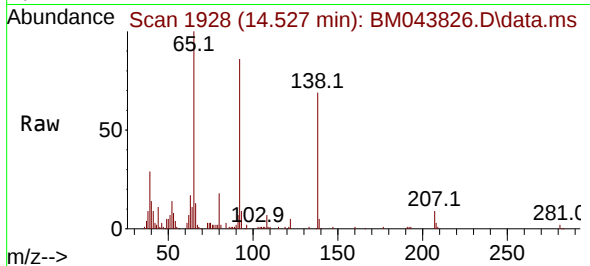
Tgt Ion:152 Resp: 327526
Ion Ratio Lower Upper
152 100
151 20.0 15.9 23.9
153 12.8 10.5 15.7





#51
3-Nitroaniline
Concen: 3.110 ng/ul
RT: 14.527 min Scan# 1927
Delta R.T. 0.006 min
Lab File: BM043826.D
Acq: 12 Jan 2024 13:17

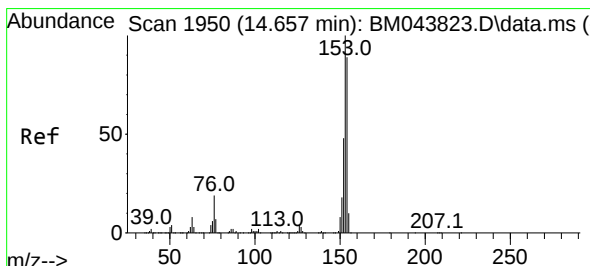
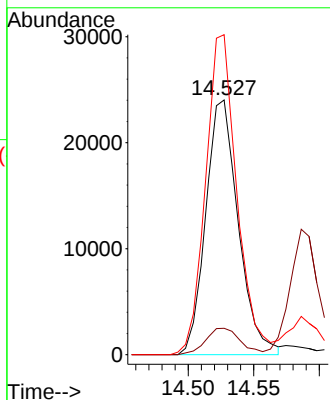
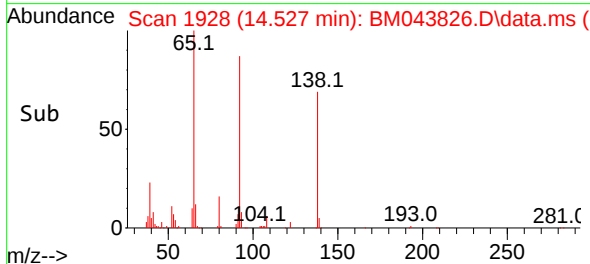
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT4-2023-07



Tgt Ion:138 Resp: 41520
Ion Ratio Lower Upper
138 100
108 10.4 7.9 11.9
92 125.6 92.2 138.2

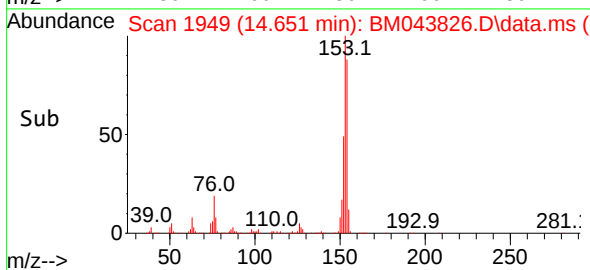
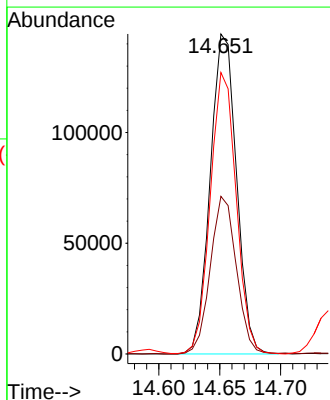
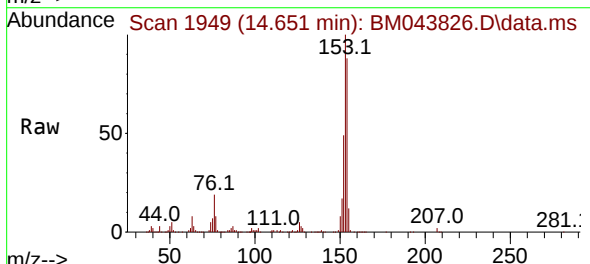
Manual Integrations
APPROVED

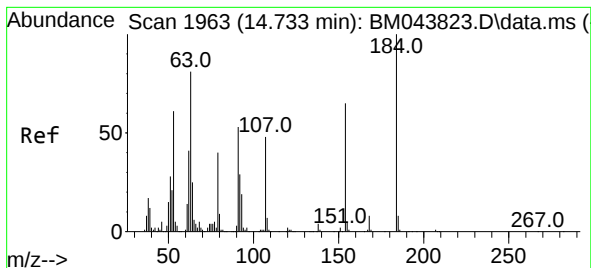
Reviewed By :Jagrut Upadhyay 01/15/2024
Supervised By :mohammad ahmed 01/16/2024



#52
Acenaphthene
Concen: 3.883 ng/ul
RT: 14.651 min Scan# 1949
Delta R.T. -0.006 min
Lab File: BM043826.D
Acq: 12 Jan 2024 13:17

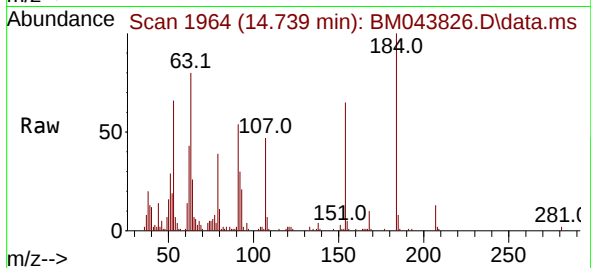
Tgt Ion:153 Resp: 217050
Ion Ratio Lower Upper
153 100
152 49.3 38.5 57.7
154 88.0 71.2 106.8





#53
2,4-Dinitrophenol
Concen: 6.019 ng/ul
RT: 14.739 min Scan# 1963
Delta R.T. 0.000 min
Lab File: BM043826.D
Acq: 12 Jan 2024 13:17

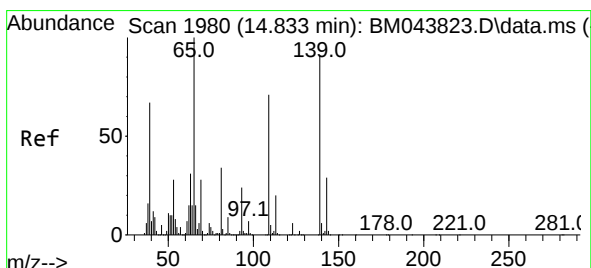
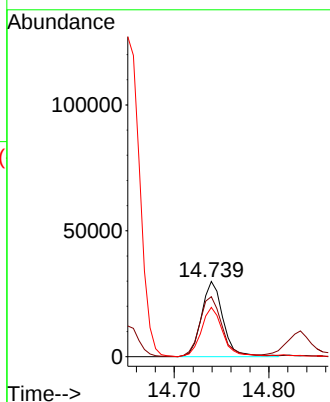
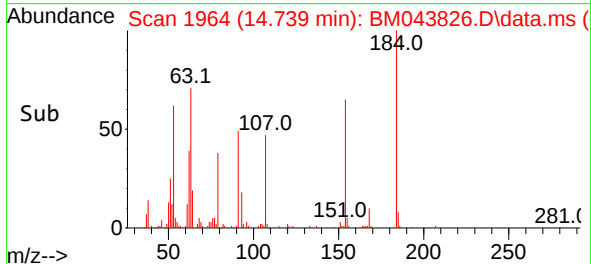
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT4-2023-07



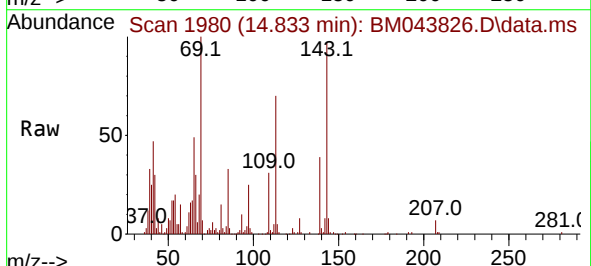
Tgt Ion:184 Resp: 47218
Ion Ratio Lower Upper
184 100
63 79.7 60.0 90.0
154 65.5 51.7 77.5

Manual Integrations
APPROVED

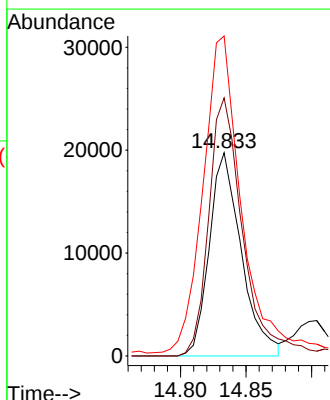
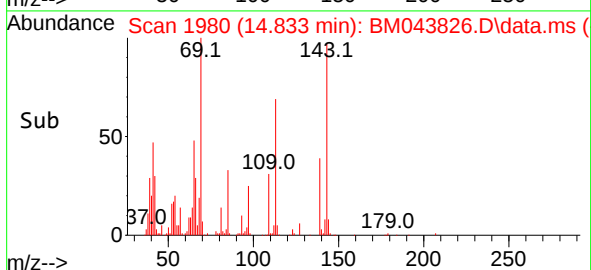
Reviewed By :Jagrut Upadhyay 01/15/2024
Supervised By :mohammad ahmed 01/16/2024

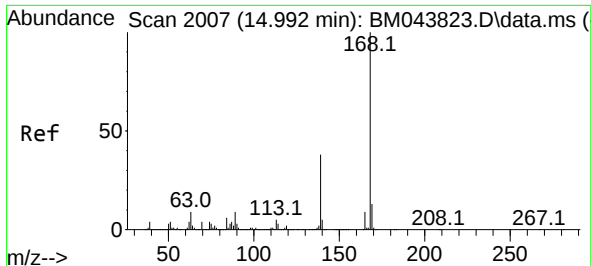


#55
4-Nitrophenol
Concen: 3.552 ng/ul
RT: 14.833 min Scan# 1980
Delta R.T. -0.006 min
Lab File: BM043826.D
Acq: 12 Jan 2024 13:17



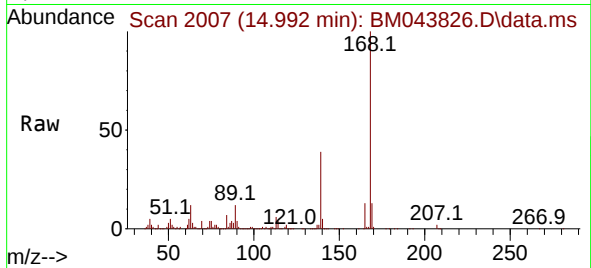
Tgt Ion:109 Resp: 33595
Ion Ratio Lower Upper
109 100
139 127.0 112.6 168.8
65 157.5 118.5 177.7





#56
Dibenzenofuran
Concen: 3.882 ng/ul
RT: 14.992 min Scan# 2007
Delta R.T. 0.000 min
Lab File: BM043826.D
Acq: 12 Jan 2024 13:17

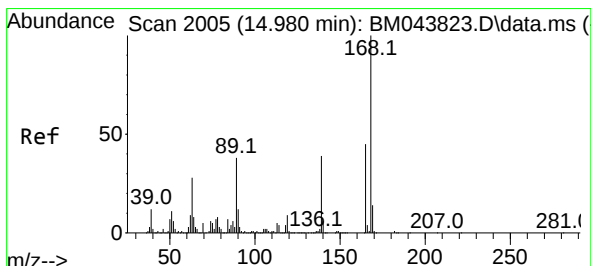
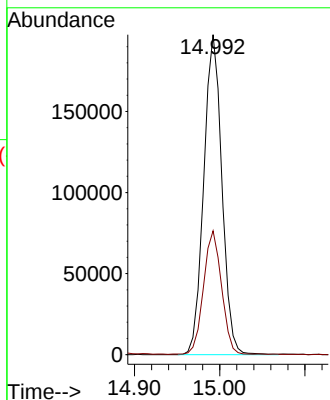
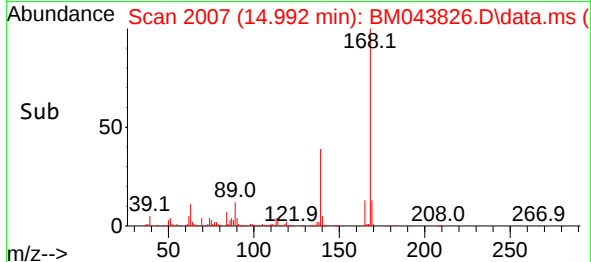
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT4-2023-07



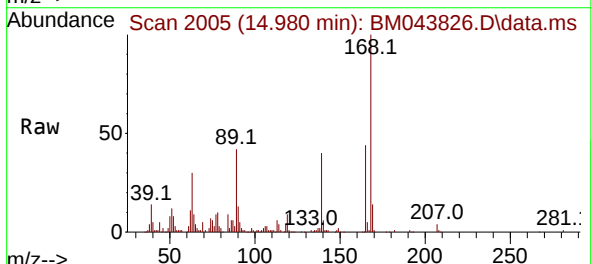
Tgt Ion:168 Resp: 291594
Ion Ratio Lower Upper
168 100
139 38.7 30.2 45.2

Manual Integrations
APPROVED

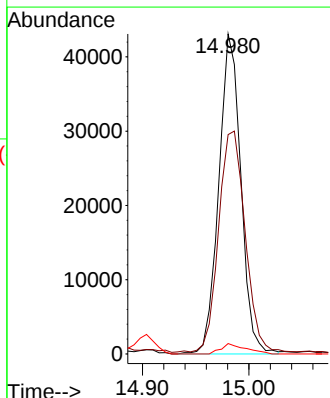
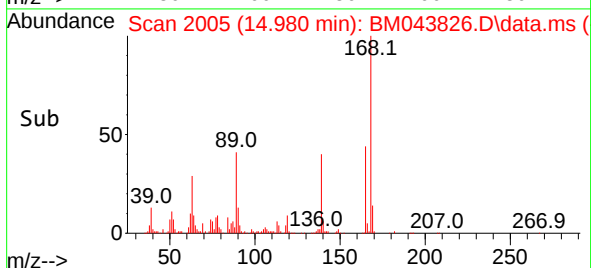
Reviewed By :Jagrut Upadhyay 01/15/2024
Supervised By :mohammad ahmed 01/16/2024

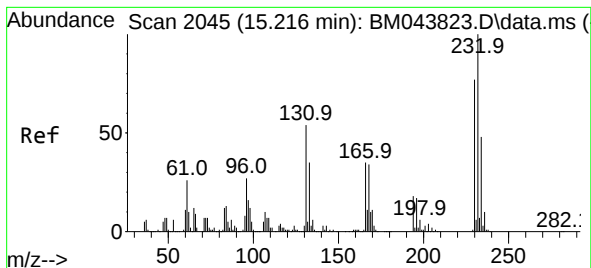


#57
2,4-Dinitrotoluene
Concen: 3.323 ng/ul
RT: 14.980 min Scan# 2005
Delta R.T. 0.000 min
Lab File: BM043826.D
Acq: 12 Jan 2024 13:17



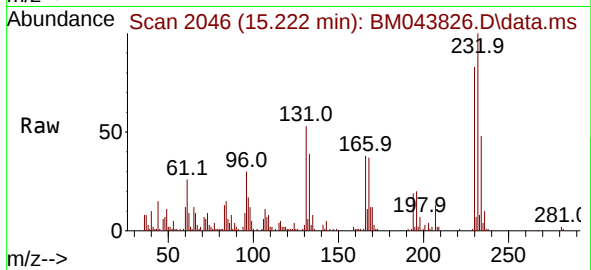
Tgt Ion:165 Resp: 61801
Ion Ratio Lower Upper
165 100
63 68.5 45.7 68.5#
182 3.2 2.0 3.0#





#58
2,3,4,6-Tetrachlorophenol
Concen: 3.319 ng/ul
RT: 15.222 min Scan# 2046
Delta R.T. 0.000 min
Lab File: BM043826.D
Acq: 12 Jan 2024 13:17

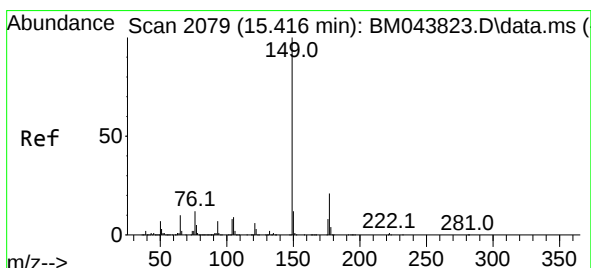
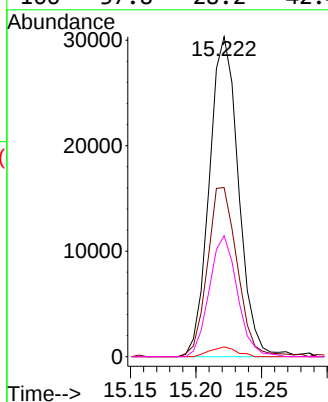
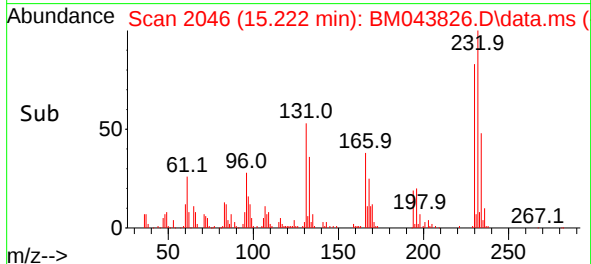
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT4-2023-07



Tgt Ion:232 Resp: 4691
Ion Ratio Lower Upper
232 100
131 52.8 43.3 64.9
130 3.0 2.2 3.2
166 37.8 28.2 42.4

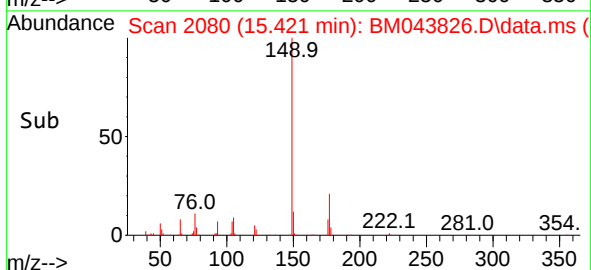
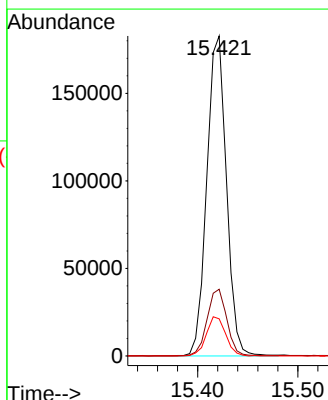
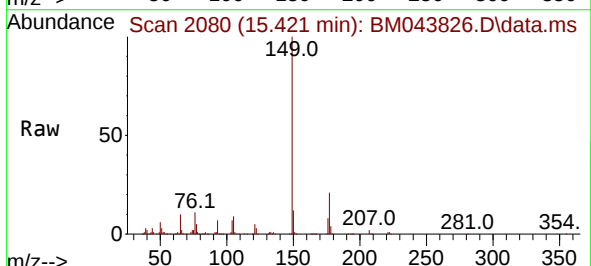
Manual Integrations
APPROVED

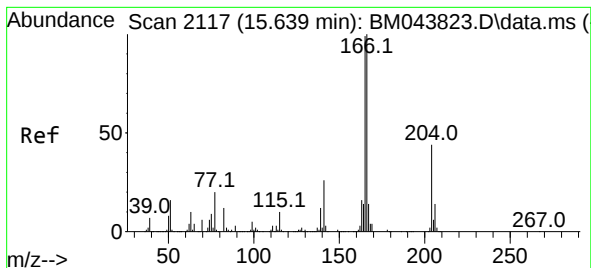
Reviewed By :Jagrut Upadhyay 01/15/2024
Supervised By :mohammad ahmed 01/16/2024



#59
Diethylphthalate
Concen: 3.660 ng/ul
RT: 15.421 min Scan# 2080
Delta R.T. 0.000 min
Lab File: BM043826.D
Acq: 12 Jan 2024 13:17

Tgt Ion:149 Resp: 248587
Ion Ratio Lower Upper
149 100
177 20.8 17.1 25.7
150 11.6 9.7 14.5





#61

Fluorene

Concen: 3.871 ng/ul

RT: 15.639 min Scan# 2117

Delta R.T. -0.006 min

Lab File: BM043826.D

Acq: 12 Jan 2024 13:17

Instrument :

BNA_M

ClientSampleId :

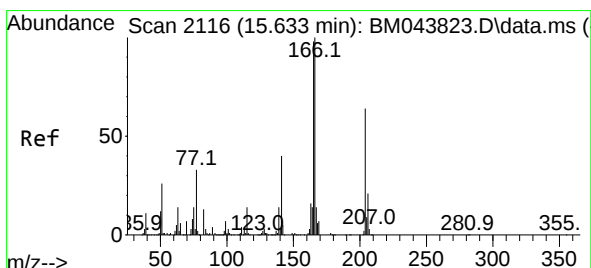
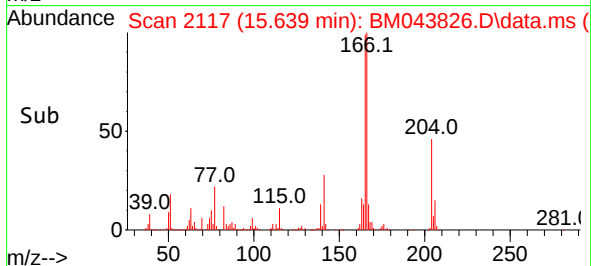
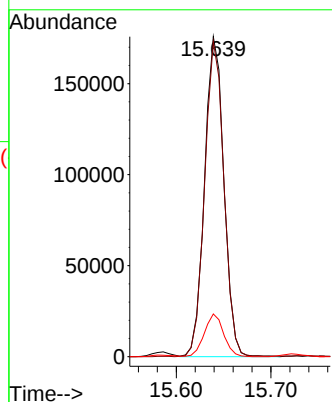
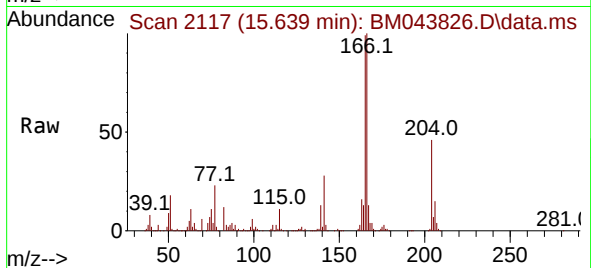
MDL-SOIL-QT4-2023-07

Tgt Ion:166 Resp: 249223
 Ion Ratio Lower Upper
 166 100
 165 98.5 78.0 117.0
 167 13.3 10.6 16.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 01/15/2024
 Supervised By :mohammad ahmed 01/16/2024



#62

4-Chlorophenyl-phenylether

Concen: 3.733 ng/ul

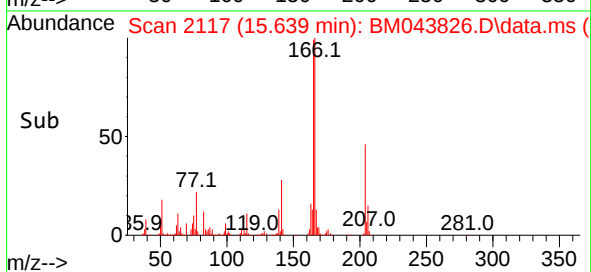
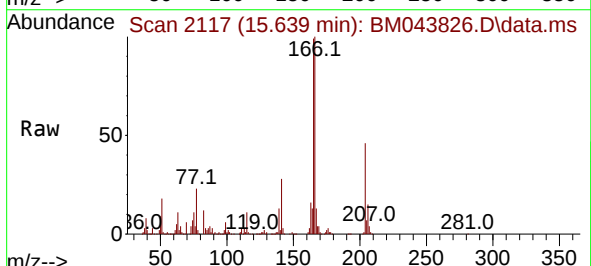
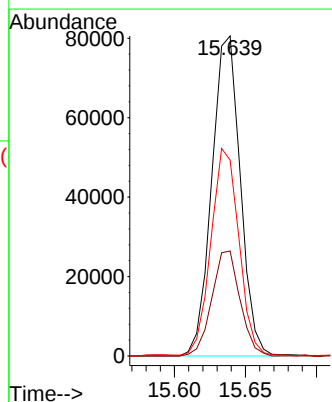
RT: 15.639 min Scan# 2117

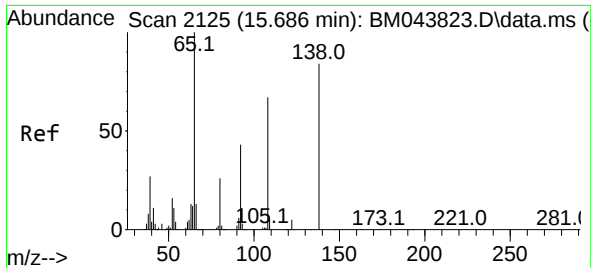
Delta R.T. 0.000 min

Lab File: BM043826.D

Acq: 12 Jan 2024 13:17

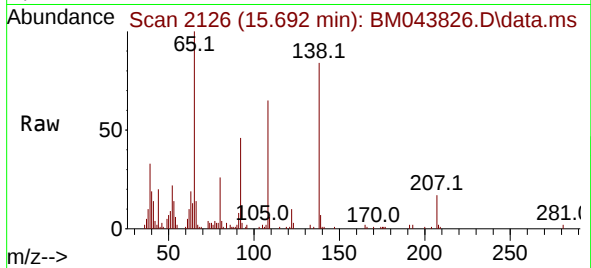
Tgt Ion:204 Resp: 112510
 Ion Ratio Lower Upper
 204 100
 206 32.8 26.4 39.6
 141 61.2 50.3 75.5





#63
4-Nitroaniline
Concen: 3.800 ng/ul
RT: 15.692 min Scan# 2126
Delta R.T. 0.006 min
Lab File: BM043826.D
Acq: 12 Jan 2024 13:17

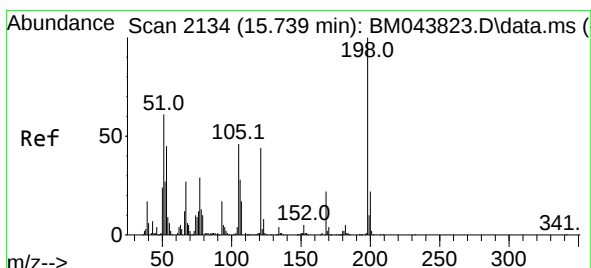
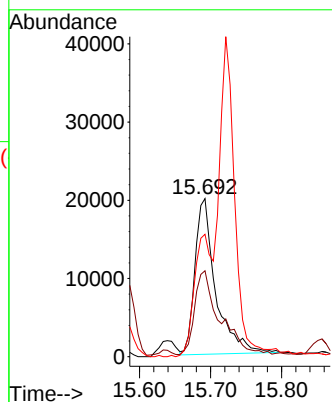
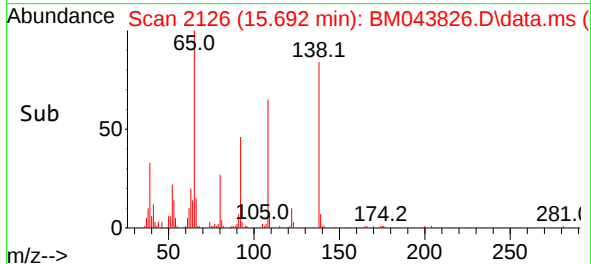
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT4-2023-07



Tgt Ion:138 Resp: 40760
Ion Ratio Lower Upper
138 100
92 54.4 43.3 64.9
108 77.4 63.8 95.8

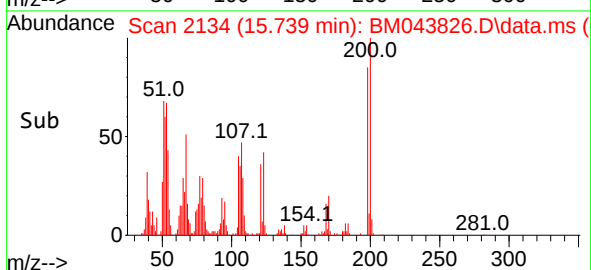
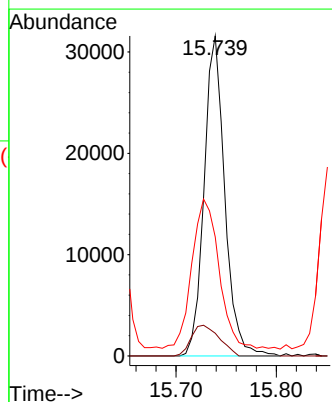
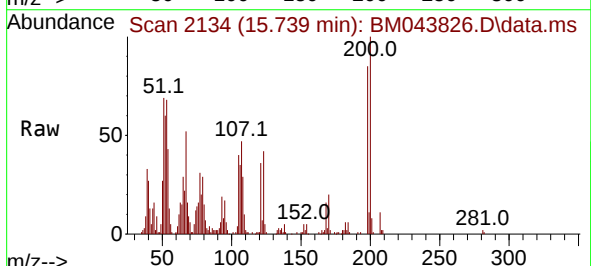
Manual Integrations
APPROVED

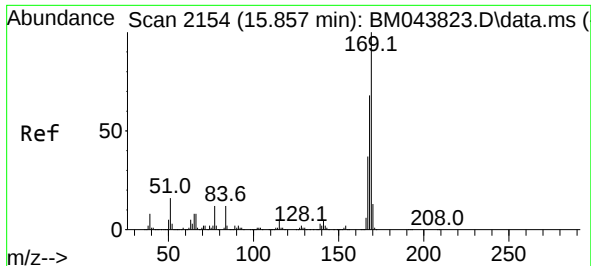
Reviewed By :Jagrut Upadhyay 01/15/2024
Supervised By :mohammad ahmed 01/16/2024



#66
4,6-Dinitro-2-methylphenol
Concen: 3.664 ng/ul
RT: 15.739 min Scan# 2134
Delta R.T. -0.006 min
Lab File: BM043826.D
Acq: 12 Jan 2024 13:17

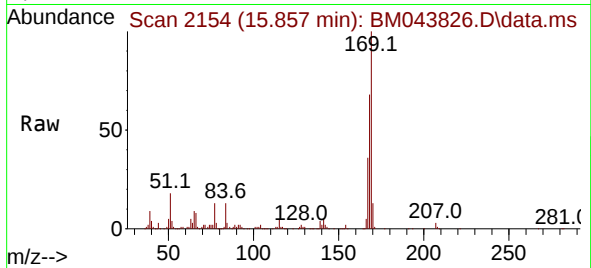
Tgt Ion:198 Resp: 45388
Ion Ratio Lower Upper
198 100
182 7.1 3.4 5.2#
77 37.2 21.4 32.2#





#67
N-Nitrosodiphenylamine
Concen: 3.597 ng/ul
RT: 15.857 min Scan# 2154
Delta R.T. 0.000 min
Lab File: BM043826.D
Acq: 12 Jan 2024 13:17

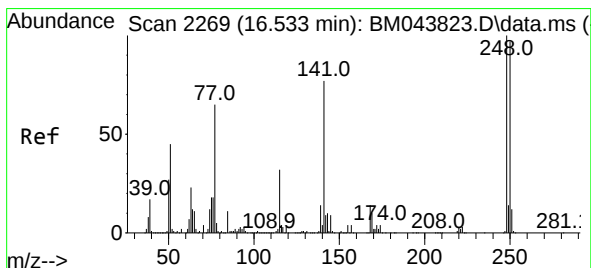
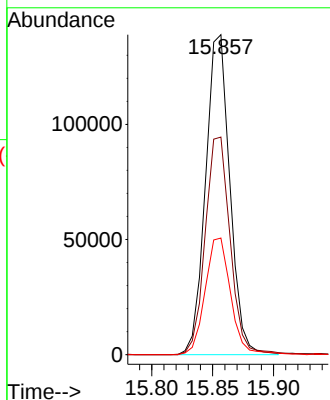
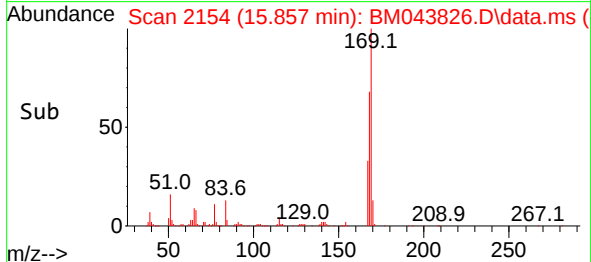
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT4-2023-07



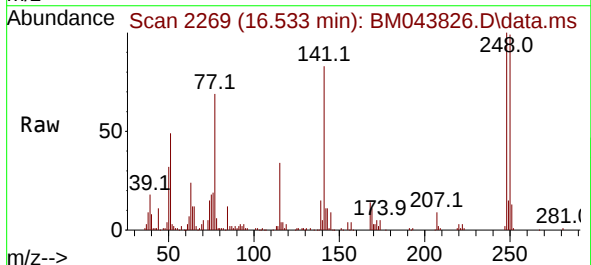
Tgt Ion:169 Resp: 19293
Ion Ratio Lower Upper
169 100
168 68.0 53.9 80.9
167 36.5 29.8 44.6

Manual Integrations
APPROVED

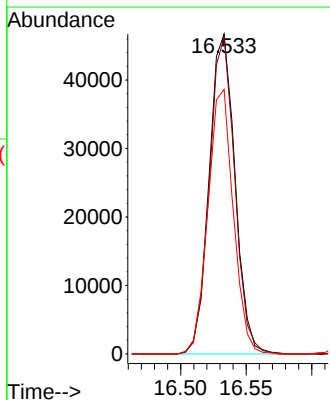
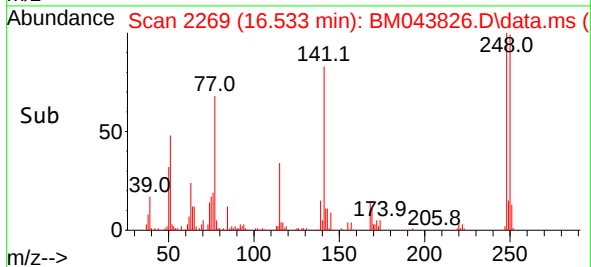
Reviewed By :Jagrut Upadhyay 01/15/2024
Supervised By :mohammad ahmed 01/16/2024

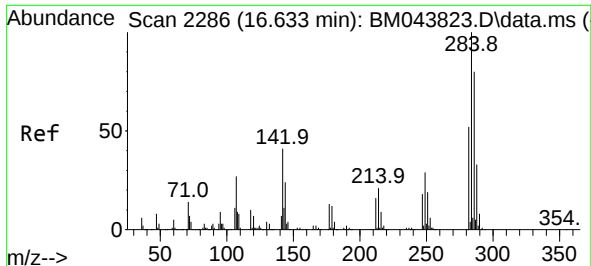


#68
4-Bromophenyl-phenylether
Concen: 3.511 ng/ul
RT: 16.533 min Scan# 2269
Delta R.T. 0.000 min
Lab File: BM043826.D
Acq: 12 Jan 2024 13:17



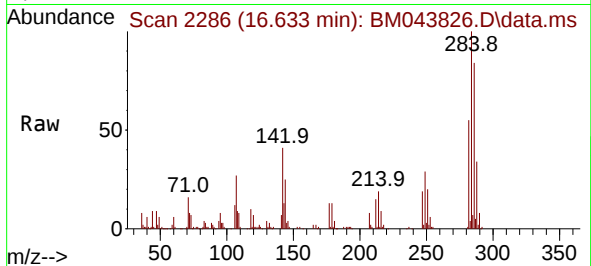
Tgt Ion:248 Resp: 64027
Ion Ratio Lower Upper
248 100
250 99.0 78.2 117.2
141 82.6 64.8 97.2





#69
Hexachlorobenzene
Concen: 3.615 ng/ul
RT: 16.633 min Scan# 2286
Delta R.T. -0.006 min
Lab File: BM043826.D
Acq: 12 Jan 2024 13:17

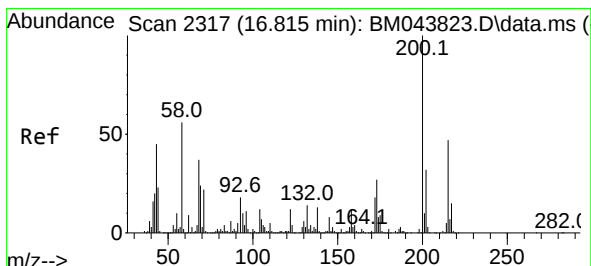
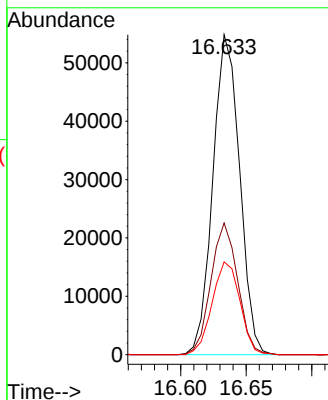
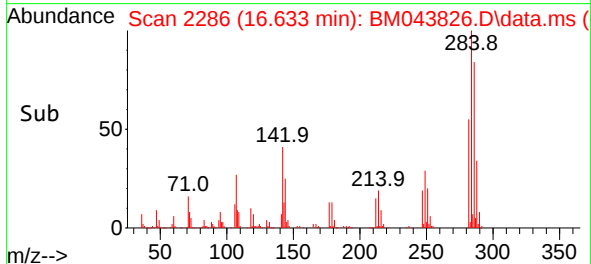
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT4-2023-07



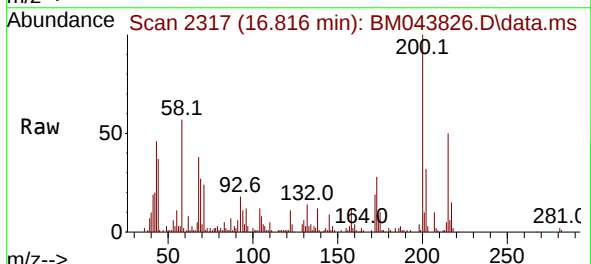
Tgt Ion:284 Resp: 77778
Ion Ratio Lower Upper
284 100
142 41.1 31.0 46.6
249 29.0 23.8 35.8

Manual Integrations
APPROVED

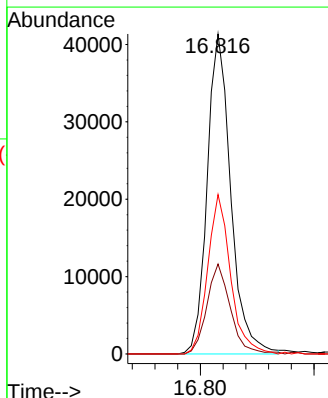
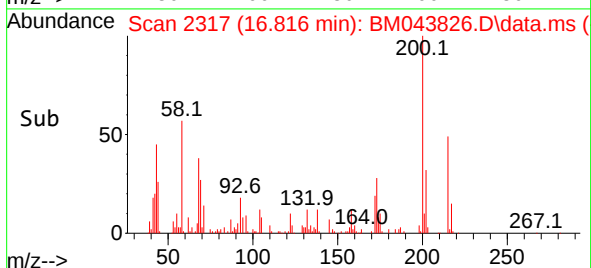
Reviewed By :Jagrut Upadhyay 01/15/2024
Supervised By :mohammad ahmed 01/16/2024

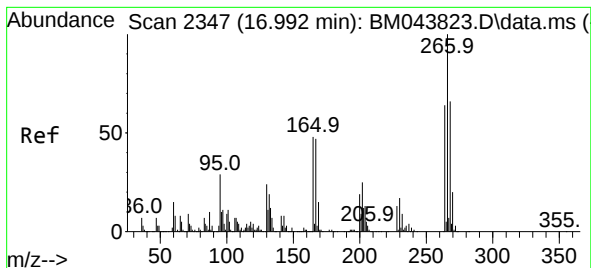


#70
Atrazine
Concen: 3.075 ng/ul
RT: 16.816 min Scan# 2317
Delta R.T. -0.006 min
Lab File: BM043826.D
Acq: 12 Jan 2024 13:17



Tgt Ion:200 Resp: 59661
Ion Ratio Lower Upper
200 100
173 28.1 22.0 33.0
215 49.8 38.7 58.1





#71

Pentachlorophenol

Concen: 4.918 ng/ul

RT: 16.992 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM043826.D

Acq: 12 Jan 2024 13:17

Instrument :

BNA_M

ClientSampleId :

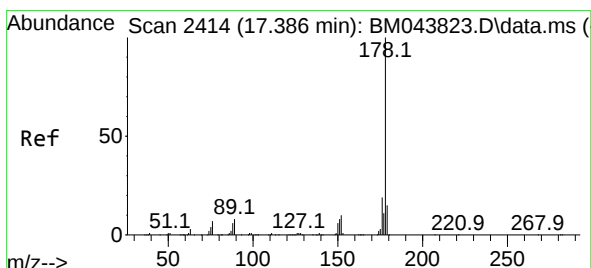
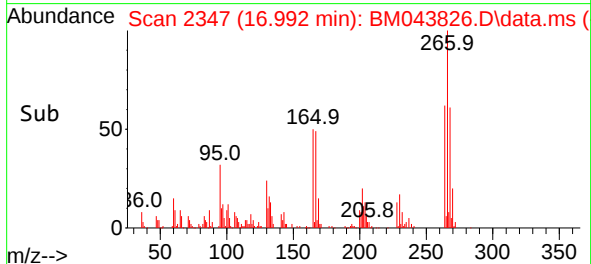
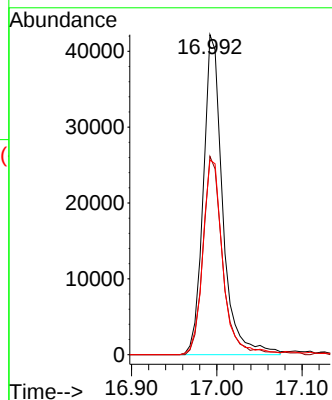
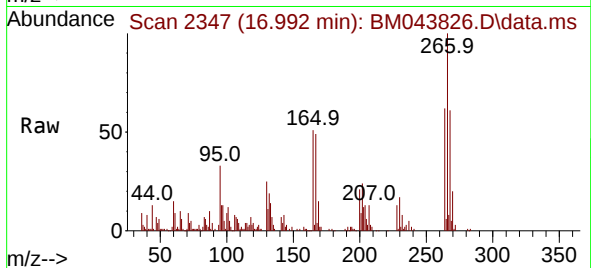
MDL-SOIL-QT4-2023-07

Tgt Ion:	266	Resp:	6651
Ion Ratio	Lower	Upper	
266	100		
264	62.0	50.0	75.0
268	60.8	51.6	77.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 01/15/2024
Supervised By :mohammad ahmed 01/16/2024



#72

Phenanthrene

Concen: 3.864 ng/ul

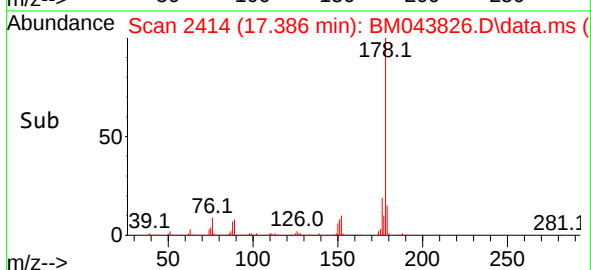
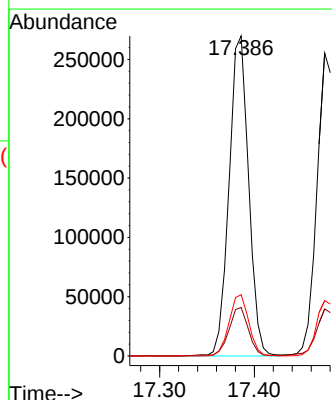
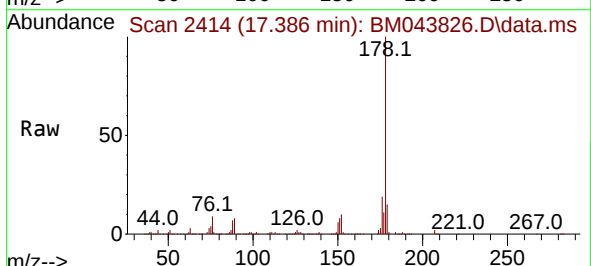
RT: 17.386 min Scan# 2414

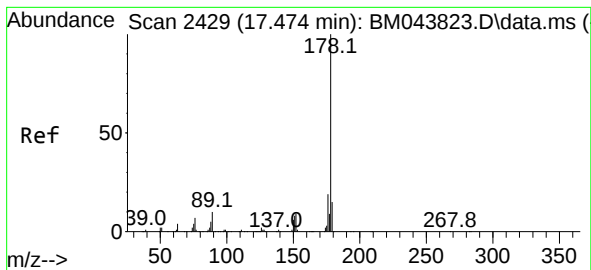
Delta R.T. 0.000 min

Lab File: BM043826.D

Acq: 12 Jan 2024 13:17

Tgt Ion:	178	Resp:	386802
Ion Ratio	Lower	Upper	
178	100		
179	15.1	12.6	18.8
176	19.1	15.6	23.4





#74

Anthracene

Concen: 3.716 ng/uI

RT: 17.474 min Scan# 2429

Delta R.T. -0.006 min

Lab File: BM043826.D

Acq: 12 Jan 2024 13:17

Instrument :

BNA_M

ClientSampleId :

MDL-SOIL-QT4-2023-07

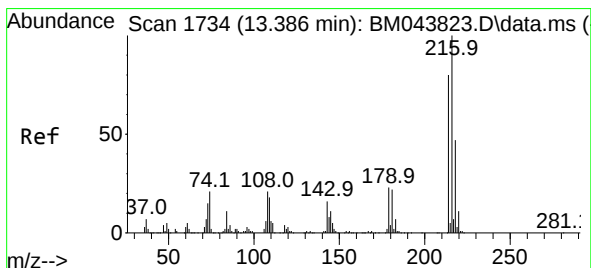
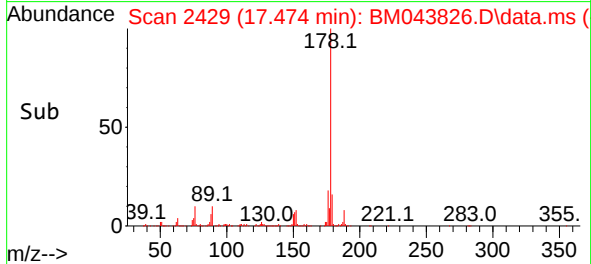
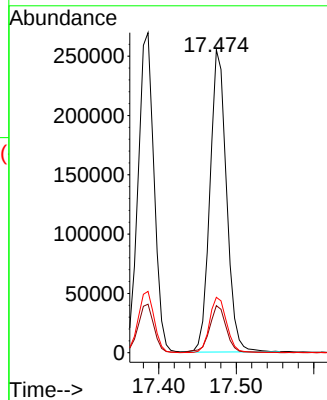
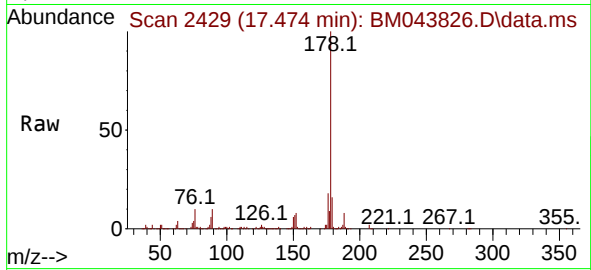
Tgt Ion:178 Resp: 378490

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.3	18.5
176	18.3	15.2	22.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 01/15/2024
Supervised By :mohammad ahmed 01/16/2024



#75

1,2,3,4-Tetrachlorobenzene

Concen: 3.553 ng/uL

RT: 13.386 min Scan# 1734

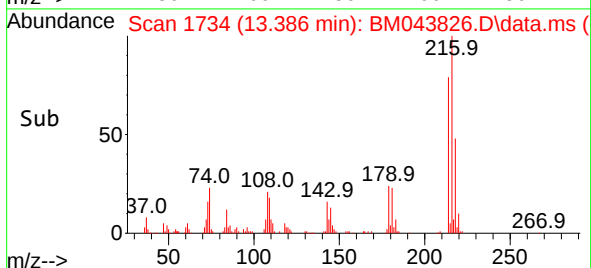
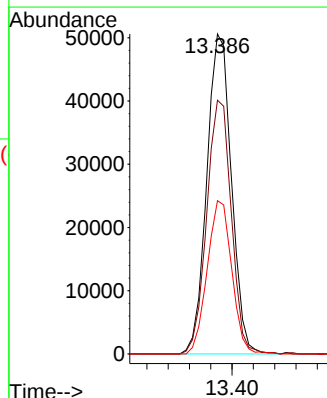
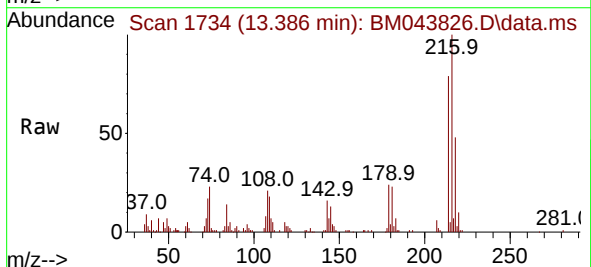
Delta R.T. -0.006 min

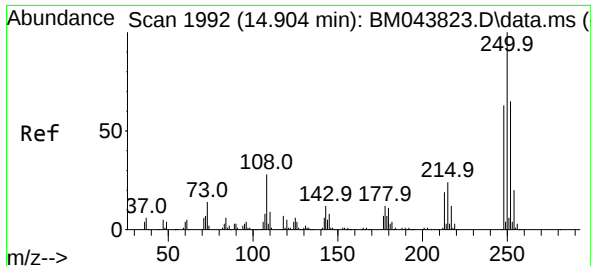
Lab File: BM043826.D

Acq: 12 Jan 2024 13:17

Tgt Ion:216 Resp: 81176

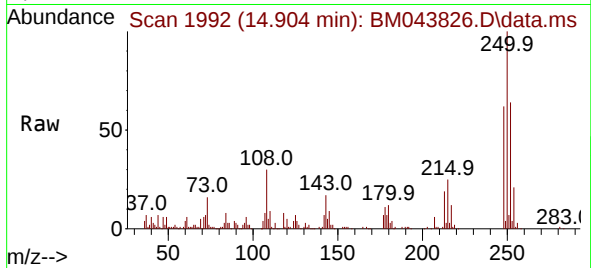
Ion	Ratio	Lower	Upper
216	100		
214	79.3	62.5	93.7
218	47.9	38.1	57.1





#76
Pentachlorobenzene
Concen: 3.985 ng/uL
RT: 14.904 min Scan# 1992
Delta R.T. 0.000 min
Lab File: BM043826.D
Acq: 12 Jan 2024 13:17

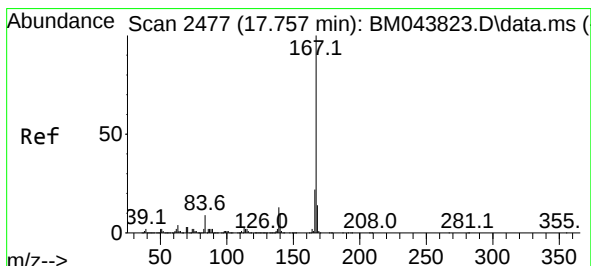
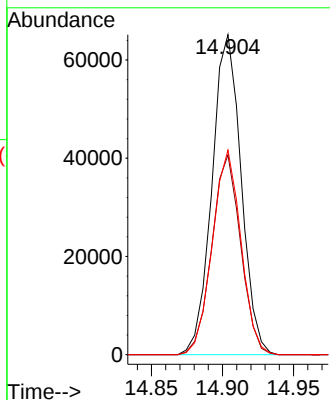
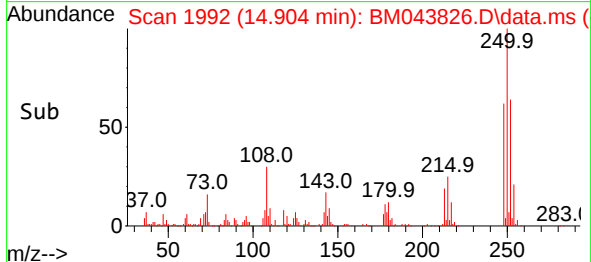
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT4-2023-07



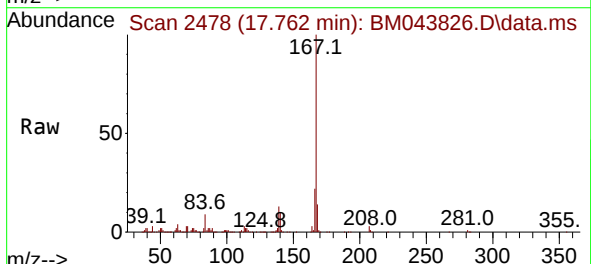
Tgt Ion:250 Resp: 92915
Ion Ratio Lower Upper
250 100
248 62.4 49.4 74.0
252 63.9 50.6 75.8

Manual Integrations
APPROVED

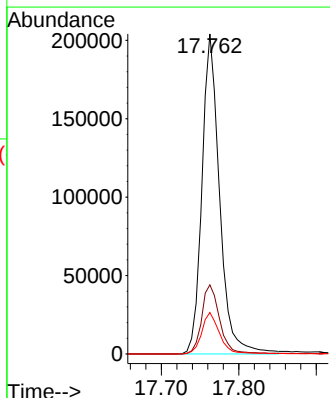
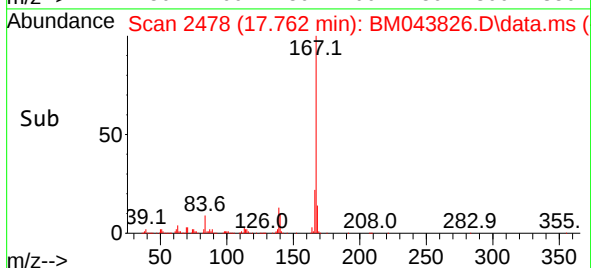
Reviewed By :Jagrut Upadhyay 01/15/2024
Supervised By :mohammad ahmed 01/16/2024

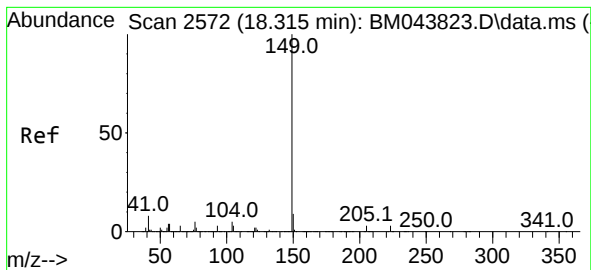


#77
Carbazole
Concen: 3.414 ng/uL
RT: 17.762 min Scan# 2478
Delta R.T. 0.000 min
Lab File: BM043826.D
Acq: 12 Jan 2024 13:17



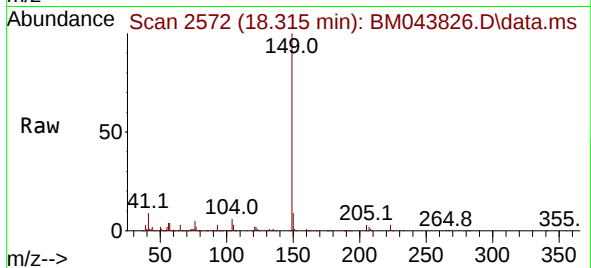
Tgt Ion:167 Resp: 322433
Ion Ratio Lower Upper
167 100
166 21.6 17.4 26.2
139 12.9 10.4 15.6





#78
Di-n-butylphthalate
Concen: 3.133 ng/ul
RT: 18.315 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM043826.D
Acq: 12 Jan 2024 13:17

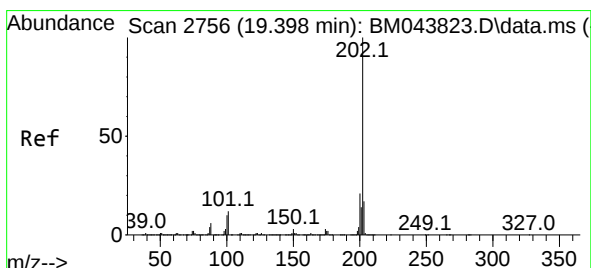
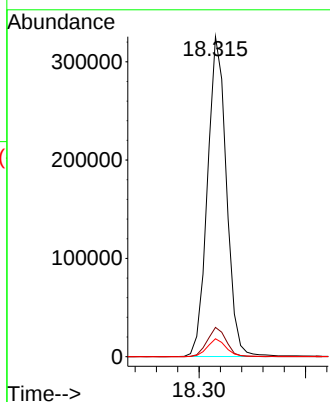
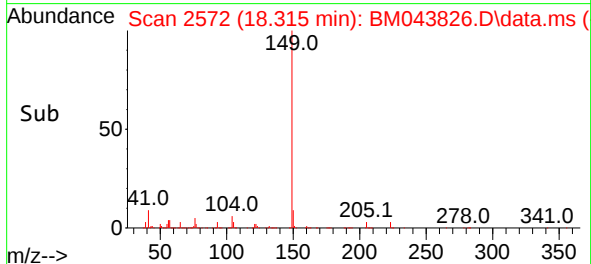
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT4-2023-07



Tgt Ion:149 Resp: 401700
Ion Ratio Lower Upper
149 100
150 9.2 7.3 10.9
104 5.6 3.8 5.8

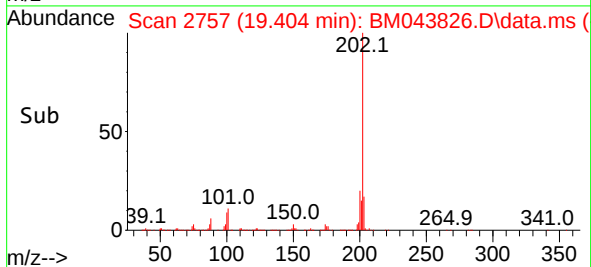
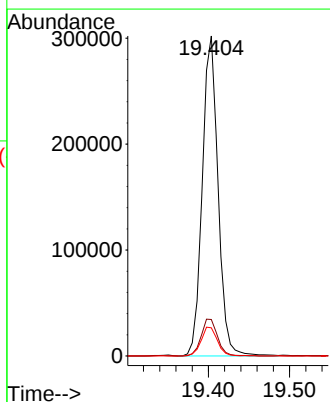
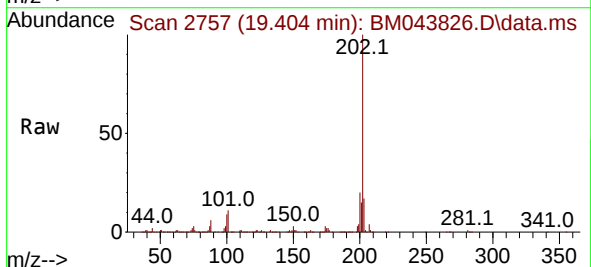
Manual Integrations
APPROVED

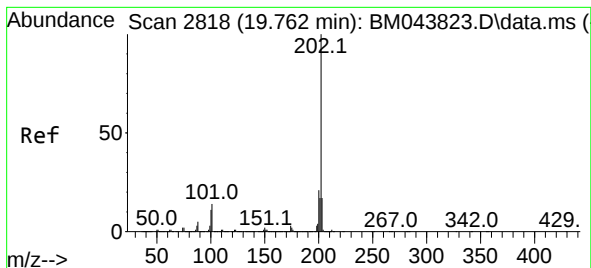
Reviewed By :Jagrut Upadhyay 01/15/2024
Supervised By :mohammad ahmed 01/16/2024



#80
Fluoranthene
Concen: 3.634 ng/ul
RT: 19.404 min Scan# 2757
Delta R.T. 0.000 min
Lab File: BM043826.D
Acq: 12 Jan 2024 13:17

Tgt Ion:202 Resp: 407477
Ion Ratio Lower Upper
202 100
101 11.4 9.4 14.2
100 8.8 7.0 10.6





#82

Pyrene

Concen: 3.906 ng/ul

RT: 19.762 min Scan# 2818

Delta R.T. -0.006 min

Lab File: BM043826.D

Acq: 12 Jan 2024 13:17

Instrument :

BNA_M

ClientSampleId :

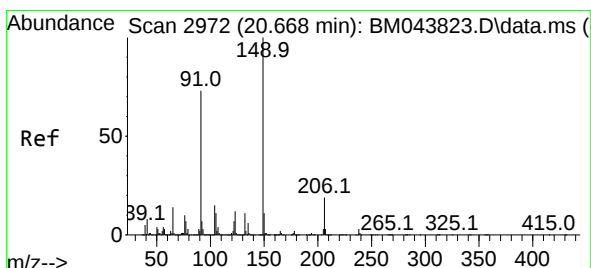
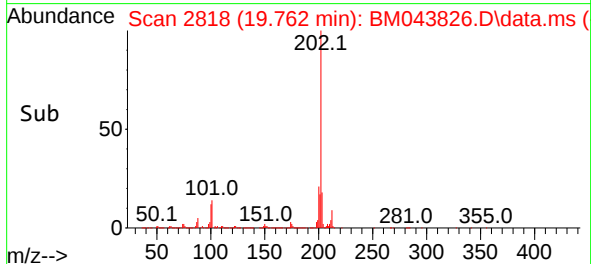
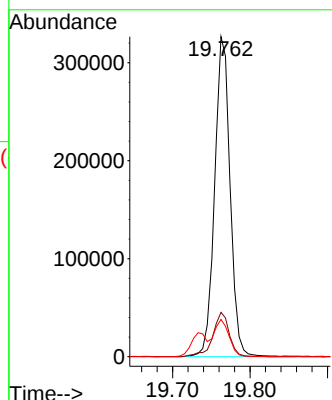
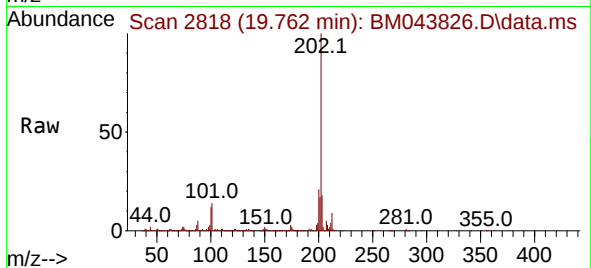
MDL-SOIL-QT4-2023-07

Tgt Ion:	202	Resp:	453784
Ion Ratio	Lower	Upper	
202	100		
101	13.8	10.7	16.1
100	11.7	8.6	12.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 01/15/2024
Supervised By :mohammad ahmed 01/16/2024



#83

Butylbenzylphthalate

Concen: 3.134 ng/ul

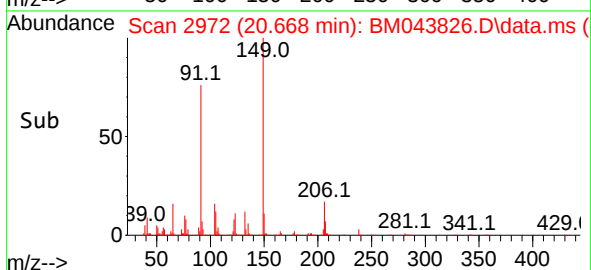
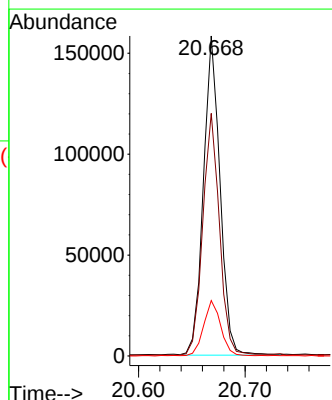
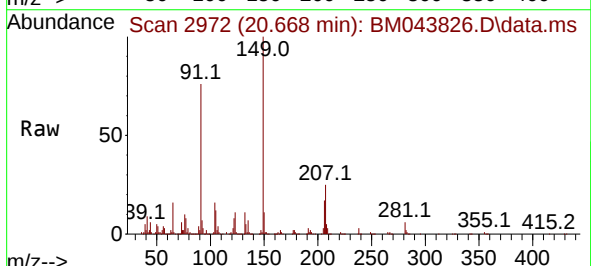
RT: 20.668 min Scan# 2972

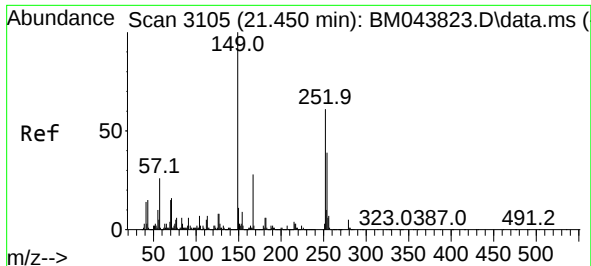
Delta R.T. -0.006 min

Lab File: BM043826.D

Acq: 12 Jan 2024 13:17

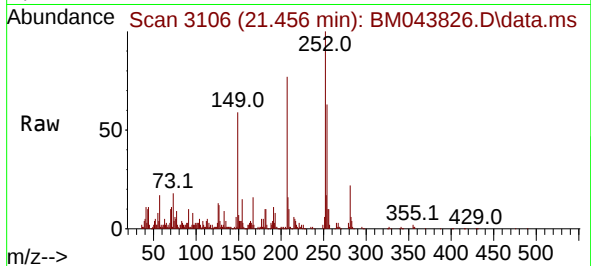
Tgt Ion:	149	Resp:	172195
Ion Ratio	Lower	Upper	
149	100		
91	75.8	56.5	84.7
206	17.3	15.5	23.3





#84
3,3'-Dichlorobenzidine
Concen: 3.330 ng/ul
RT: 21.456 min Scan# 3105
Delta R.T. 0.000 min
Lab File: BM043826.D
Acq: 12 Jan 2024 13:17

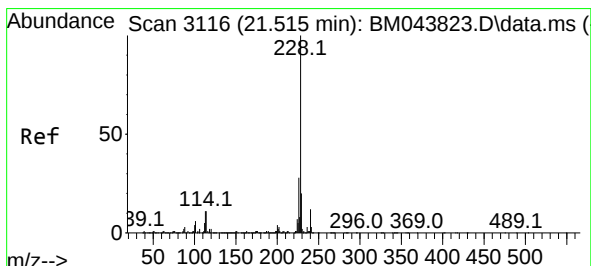
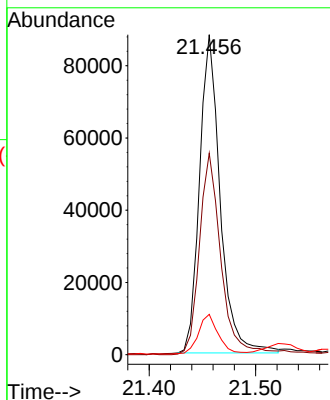
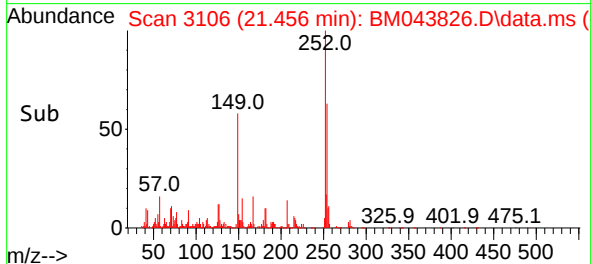
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT4-2023-07



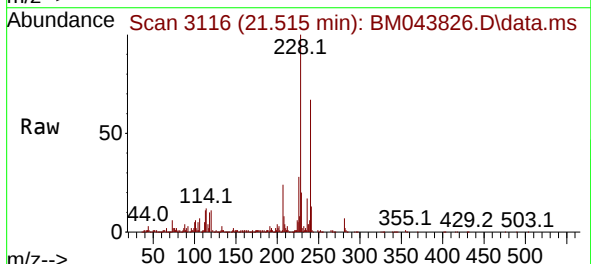
Tgt Ion:252 Resp: 11894
Ion Ratio Lower Upper
252 100
254 63.0 52.1 78.1
126 12.6 9.8 14.8

Manual Integrations
APPROVED

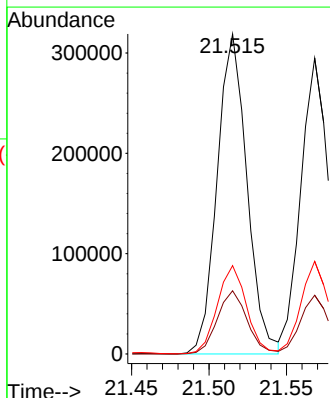
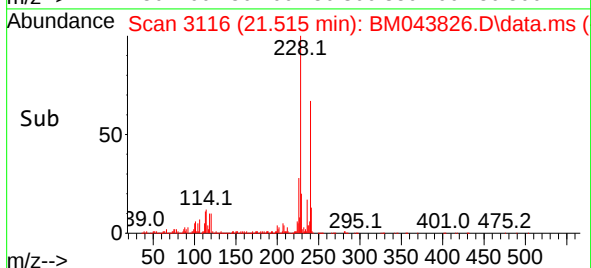
Reviewed By :Jagrut Upadhyay 01/15/2024
Supervised By :mohammad ahmed 01/16/2024

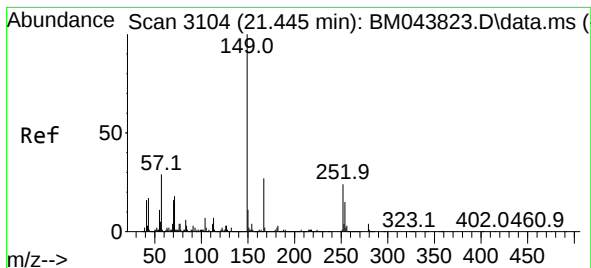


#85
Benzo(a)anthracene
Concen: 3.769 ng/ul
RT: 21.515 min Scan# 3116
Delta R.T. -0.006 min
Lab File: BM043826.D
Acq: 12 Jan 2024 13:17



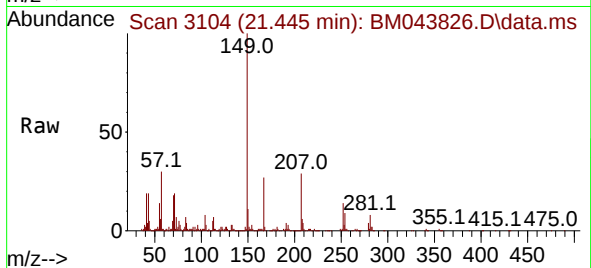
Tgt Ion:228 Resp: 426937
Ion Ratio Lower Upper
228 100
229 19.8 15.5 23.3
226 27.6 22.3 33.5





#86
Bis(2-ethylhexyl)phthalate
Concen: 2.934 ng/ul
RT: 21.445 min Scan# 3104
Delta R.T. 0.000 min
Lab File: BM043826.D
Acq: 12 Jan 2024 13:17

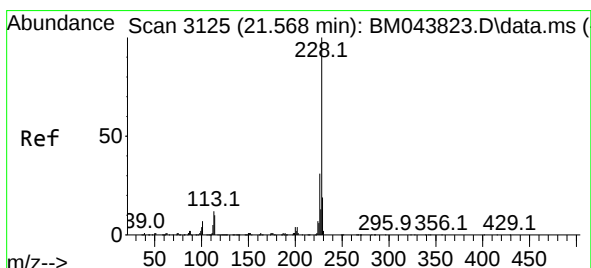
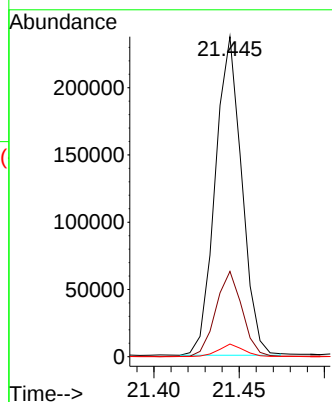
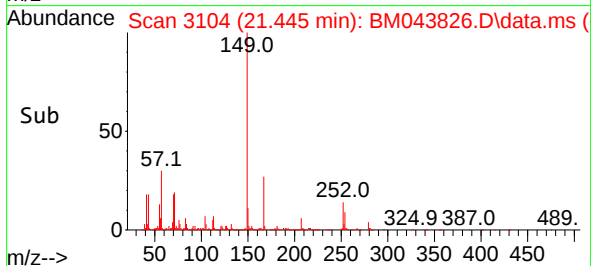
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT4-2023-07



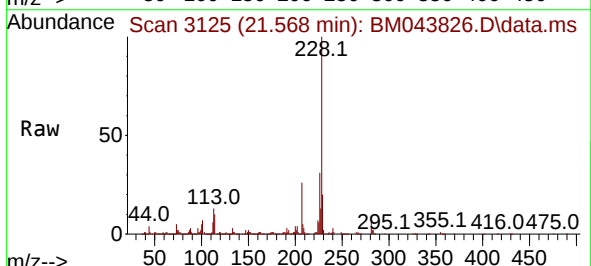
Tgt Ion:149 Resp: 256769
Ion Ratio Lower Upper
149 100
167 26.7 21.5 32.3
279 4.0 2.8 4.2

Manual Integrations
APPROVED

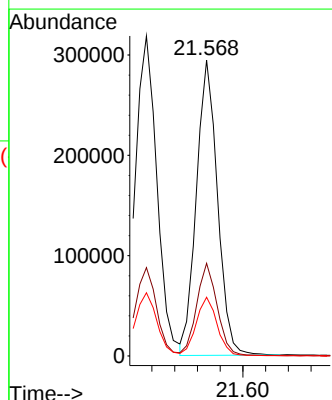
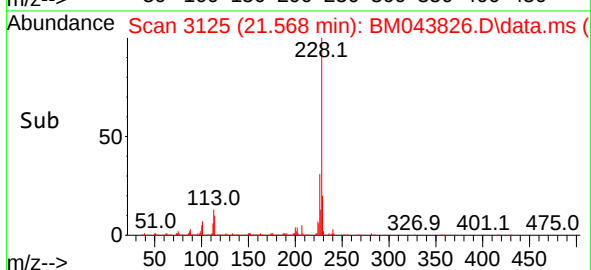
Reviewed By :Jagrut Upadhyay 01/15/2024
Supervised By :mohammad ahmed 01/16/2024

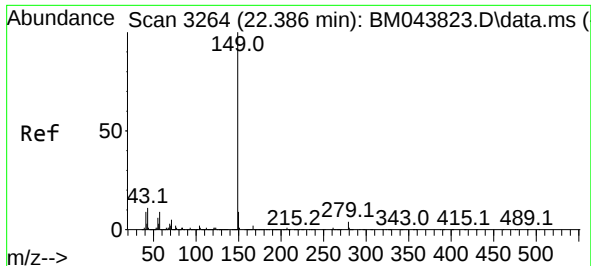


#87
Chrysene
Concen: 3.722 ng/ul
RT: 21.568 min Scan# 3125
Delta R.T. -0.006 min
Lab File: BM043826.D
Acq: 12 Jan 2024 13:17



Tgt Ion:228 Resp: 380575
Ion Ratio Lower Upper
228 100
226 31.3 24.6 36.8
229 19.9 15.8 23.8





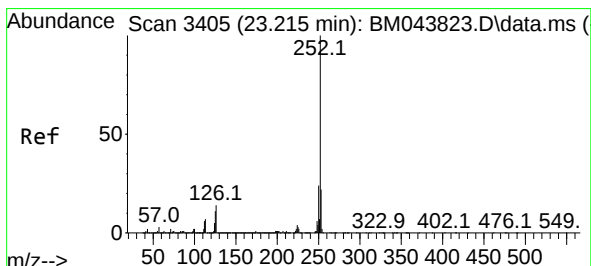
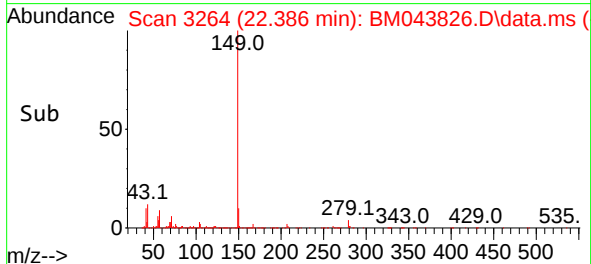
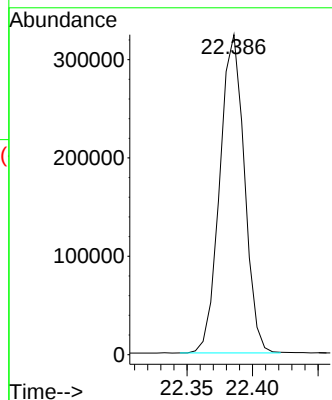
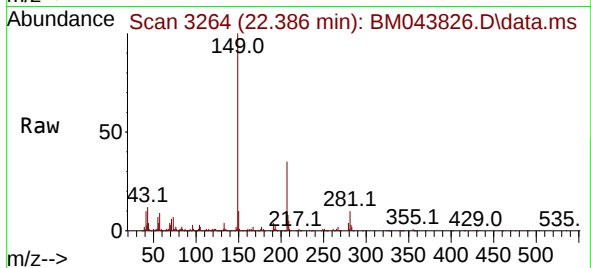
#89
Di-n-octyl phthalate
Concen: 2.815 ng/ul
RT: 22.386 min Scan# 31
Delta R.T. 0.000 min
Lab File: BM043826.D
Acq: 12 Jan 2024 13:17

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

Tgt Ion:149 Resp: 42195

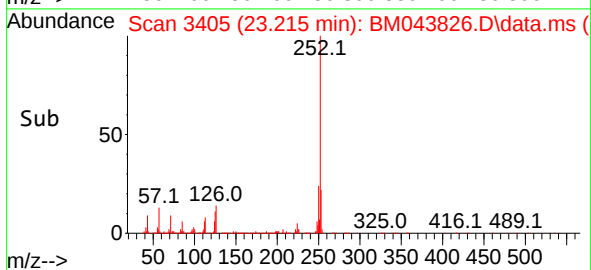
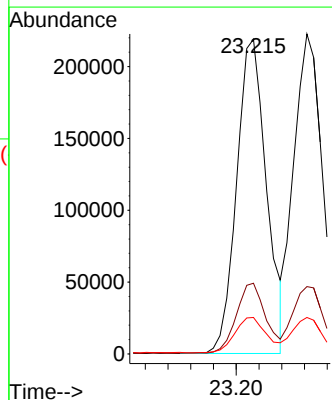
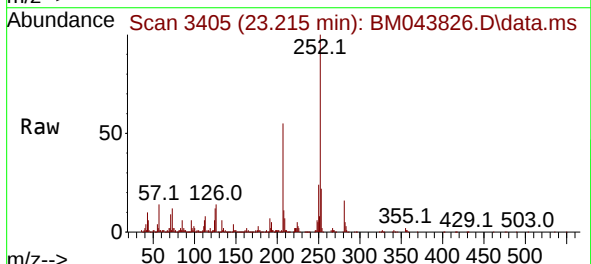
Manual Integrations
APPROVED

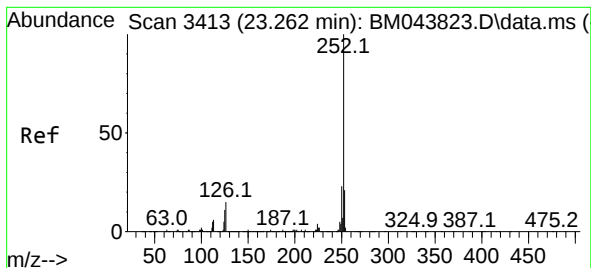
Reviewed By :Jagrut Upadhyay 01/15/2024
Supervised By :mohammad ahmed 01/16/2024



#90
Benzo(b)fluoranthene
Concen: 3.539 ng/ul
RT: 23.215 min Scan# 3405
Delta R.T. -0.006 min
Lab File: BM043826.D
Acq: 12 Jan 2024 13:17

Tgt Ion:252 Resp: 399444
Ion Ratio Lower Upper
252 100
253 22.5 17.4 26.2
125 11.6 8.6 12.8





#91

Benzo(k)fluoranthene

Concen: 3.545 ng/ul

RT: 23.262 min Scan# 3413

Delta R.T. -0.006 min

Lab File: BM043826.D

Acq: 12 Jan 2024 13:17

Instrument :

BNA_M

ClientSampleId :

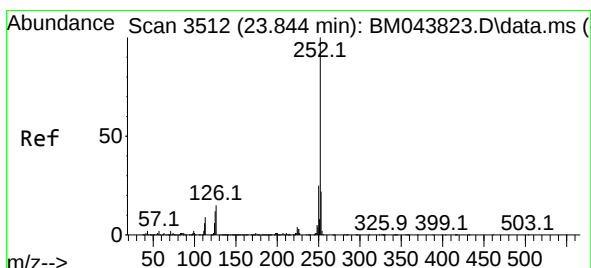
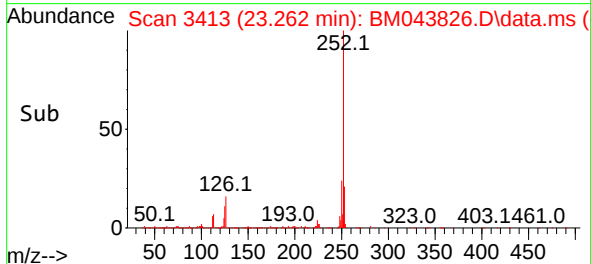
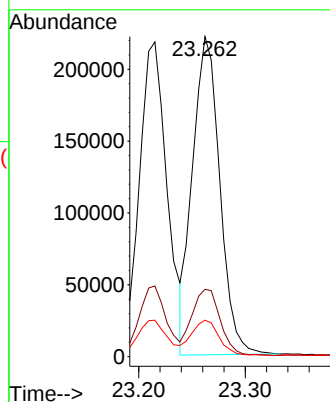
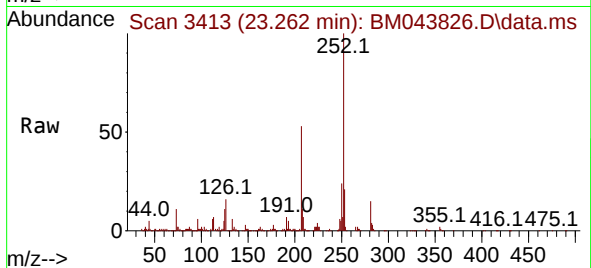
MDL-SOIL-QT4-2023-07

Tgt Ion:252 Resp: 394068
 Ion Ratio Lower Upper
 252 100
 253 21.0 17.5 26.3
 125 11.4 8.6 13.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 01/15/2024
 Supervised By :mohammad ahmed 01/16/2024



#93

Benzo(a)pyrene

Concen: 3.710 ng/ul

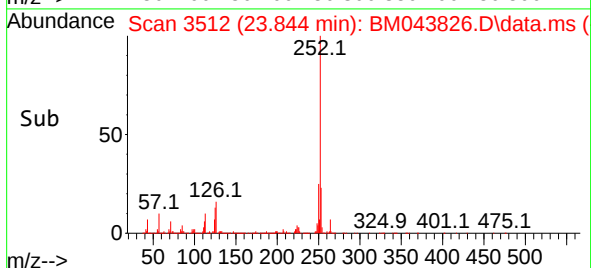
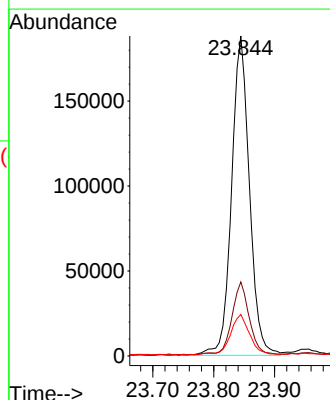
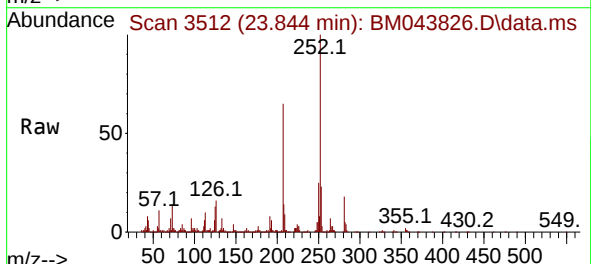
RT: 23.844 min Scan# 3512

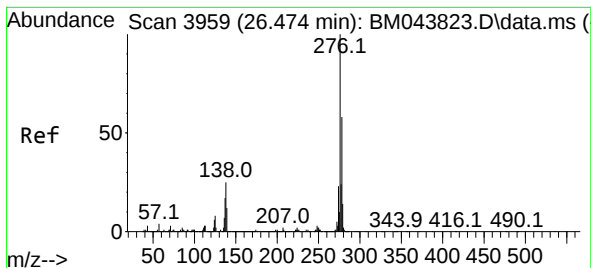
Delta R.T. -0.006 min

Lab File: BM043826.D

Acq: 12 Jan 2024 13:17

Tgt Ion:252 Resp: 383311
 Ion Ratio Lower Upper
 252 100
 253 23.2 17.5 26.3
 125 13.0 9.7 14.5





#94

Indeno(1,2,3-cd)pyrene

Concen: 3.746 ng/ul

RT: 26.474 min Scan# 3959

Delta R.T. -0.012 min

Lab File: BM043826.D

Acq: 12 Jan 2024 13:17

Instrument :

BNA_M

ClientSampleId :

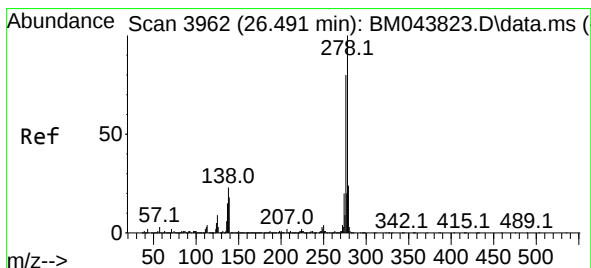
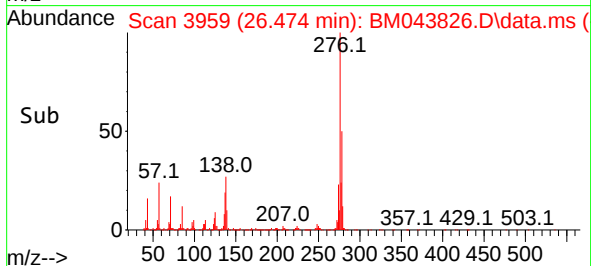
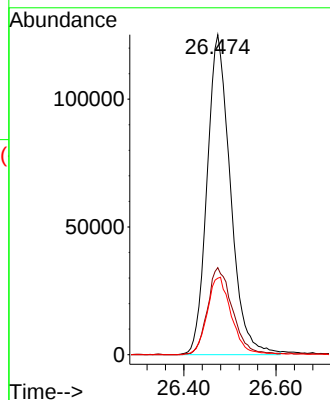
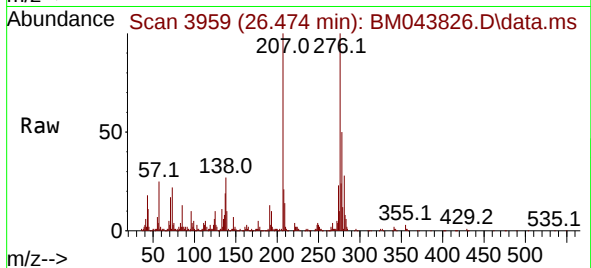
MDL-SOIL-QT4-2023-07

Tgt Ion:	276	Resp:	44172
Ion Ratio	Lower	Upper	
276	100		
138	27.2	21.4	32.0
277	23.9	20.2	30.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 01/15/2024
Supervised By :mohammad ahmed 01/16/2024



#95

Dibenzo(a,h)anthracene

Concen: 3.753 ng/ul

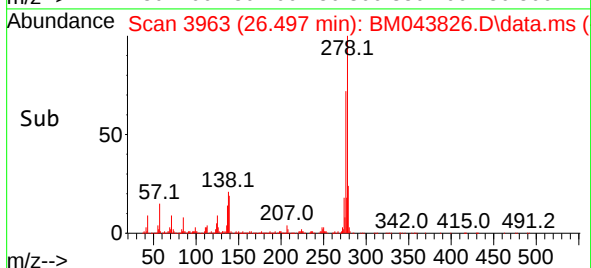
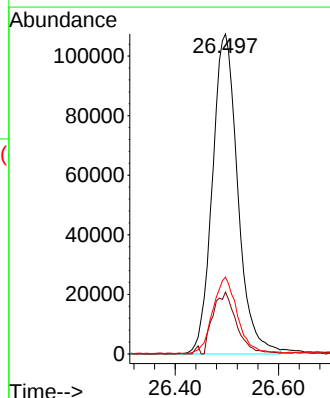
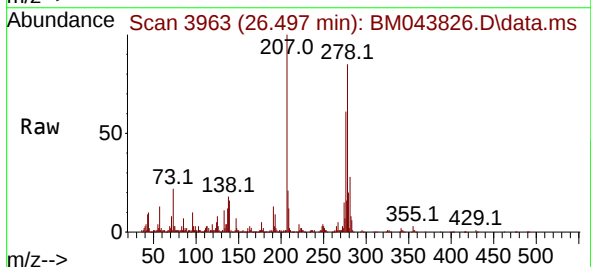
RT: 26.497 min Scan# 3963

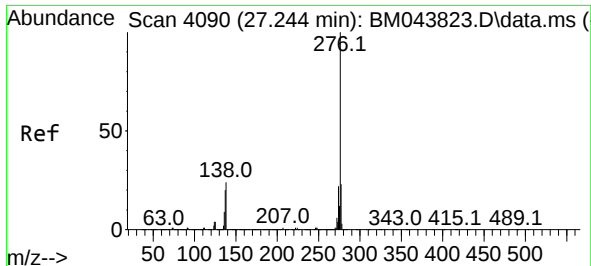
Delta R.T. -0.006 min

Lab File: BM043826.D

Acq: 12 Jan 2024 13:17

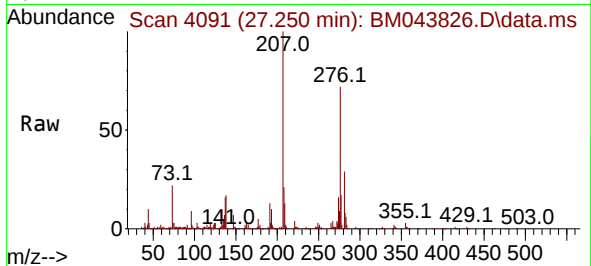
Tgt Ion:	278	Resp:	366603
Ion Ratio	Lower	Upper	
278	100		
139	19.4	14.4	21.6
279	24.1	19.0	28.6





#96
 Benzo(g,h,i)perylene
 Concen: 3.860 ng/ul
 RT: 27.250 min Scan# 4091
 Delta R.T. -0.006 min
 Lab File: BM043826.D
 Acq: 12 Jan 2024 13:17

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



Tgt Ion:	276	Resp:	34555
Ion Ratio	Lower	Upper	
276	100		
138	23.8	19.1	28.7
277	23.0	19.1	28.7

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 01/15/2024
 Supervised By :mohammad ahmed 01/16/2024

