

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM011524\
 Data File : BM043837.D
 Acq On : 15 Jan 2024 12:06
 Operator : MA/JU
 Sample : 04696-04
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MDL-SOIL-QT4-2023-08

Quant Time: Jan 16 01:25:12 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 01/16/2024
 Supervised By :mohammad ahmed 01/17/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.946	152	255503	20.000	ng/u1	0.00
20) Naphthalene-d8	10.751	136	1164262	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.586	164	741922	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.339	188	1571724	20.000	ng/u1	0.00
79) Chrysene-d12	21.527	240	1360134	20.000	ng/u1	0.00
88) Perylene-d12	23.951	264	1447079	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.352	96	35192	5.318	ng/uL	0.00
4) Pyridine-d5	3.775	84	516857	25.356	ng/u1	0.00
7) Phenol-d5	7.116	99	594291	22.984	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.287	67	394713	24.496	ng/u1	0.00
11) 2-Chlorophenol-d4	7.475	132	456815	24.286	ng/u1	0.00
15) 4-Methylphenol-d8	8.663	113	468134	22.728	ng/u1	-0.01
21) Nitrobenzene-d5	9.122	128	233574	23.938	ng/u1	0.00
24) 2-Nitrophenol-d4	9.846	143	255760	23.278	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.381	165	447375	22.737	ng/u1	0.00
31) 4-Chloroaniline-d4	10.910	131	668624	21.456	ng/u1	0.00
46) Dimethylphthalate-d6	14.010	166	1454684	23.408	ng/u1	0.00
49) Acenaphthylene-d8	14.286	160	1735484	24.517	ng/u1	0.00
54) 4-Nitrophenol-d4	14.816	143	241457	19.865	ng/u1	-0.01
60) Fluorene-d10	15.586	176	1306327	24.978	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.722	200	204279	18.408	ng/u1	0.00
73) Anthracene-d10	17.439	188	1905543	23.824	ng/u1	0.00
81) Pyrene-d10	19.733	212	2132090	25.379	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.792	264	1989243	24.903	ng/u1	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.387	88	7465	1.075	ng/uL#	94
5) Pyridine	3.805	79	82987	3.968	ng/u1#	62
6) Benzaldehyde	7.099	77	68403m	6.703	ng/u1	
8) Phenol	7.140	94	97592	3.758	ng/u1	96
10) Bis(2-Chloroethyl)ether	7.381	93	82816	3.955	ng/u1	97
12) 2-Chlorophenol	7.505	128	77748	3.982	ng/u1	92
13) 2-Methylphenol	8.399	108	68088	3.404	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.475	45	147321	4.173	ng/u1	99
16) Acetophenone	8.787	105	122982	3.851	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.763	70	69175	3.919	ng/u1	97
18) 4-Methylphenol	8.728	108	78356	3.605	ng/u1	90
19) Hexachloroethane	9.010	117	34416	4.068	ng/u1	93
22) Nitrobenzene	9.163	77	97618	4.012	ng/u1	99
23) Isophorone	9.693	82	176402	3.535	ng/u1	98
25) 2-Nitrophenol	9.875	139	44659	3.846	ng/u1	95
26) 2,4-Dimethylphenol	9.934	107	81790	3.631	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.181	93	113768	3.844	ng/u1	99
29) 2,4-Dichlorophenol	10.410	162	73718	3.779	ng/u1	95
30) Naphthalene	10.804	128	271215	4.004	ng/u1	99
32) 4-Chloroaniline	10.934	127	110044	3.634	ng/u1	99
33) Hexachlorobutadiene	11.069	225	43646	3.999	ng/u1	98
34) Caprolactam	11.757	113	39259	5.590	ng/u1	99
35) 4-Chloro-3-methylphenol	12.063	107	74791	3.460	ng/u1	95
36) 2-Methylnaphthalene	12.416	142	180144	3.815	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.634	142	187347	3.979	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.781	216	81811	3.708	ng/ul	98
40) Hexachlorocyclopentadiene	12.739	237	62906	4.263	ng/ul	99
41) 2,4,6-Trichlorophenol	13.034	196	50212	3.205	ng/ul	99
42) 2,4,5-Trichlorophenol	13.110	196	54858	3.298	ng/ul	95
43) 1,1'-Biphenyl	13.428	154	239645	3.783	ng/ul	99
44) 2-Chloronaphthalene	13.469	162	186772	3.826	ng/ul	100
45) 2-Nitroaniline	13.698	65	51113	3.318	ng/ul	91
47) Dimethylphthalate	14.057	163	238780	3.822	ng/ul	100
48) 2,6-Dinitrotoluene	14.192	165	39183	3.165	ng/ul	96
50) Acenaphthylene	14.310	152	321806	3.893	ng/ul	100
51) 3-Nitroaniline	14.528	138	39721	3.034	ng/ul	90
52) Acenaphthene	14.651	153	212525	3.877	ng/ul	100
53) 2,4-Dinitrophenol	14.739	184	45193	5.874	ng/ul	94
55) 4-Nitrophenol	14.833	109	32200	3.472	ng/ul	94
56) Dibenzofuran	14.992	168	283945	3.855	ng/ul	100
57) 2,4-Dinitrotoluene	14.980	165	60431	3.313	ng/ul#	82
58) 2,3,4,6-Tetrachlorophenol	15.222	232	46073	3.324	ng/ul	98
59) Diethylphthalate	15.416	149	238657	3.584	ng/ul	99
61) Fluorene	15.639	166	239534	3.794	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.633	204	110722	3.746	ng/ul	96
63) 4-Nitroaniline	15.686	138	36907m	3.509	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.739	198	45347	3.796	ng/ul#	84
67) N-Nitrosodiphenylamine	15.857	169	191876	3.710	ng/ul	99
68) 4-Bromophenyl-phenylether	16.533	248	62691	3.565	ng/ul	98
69) Hexachlorobenzene	16.633	284	77161	3.719	ng/ul	95
70) Atrazine	16.816	200	84644	4.524	ng/ul	97
71) Pentachlorophenol	16.992	266	64512	4.946	ng/ul	99
72) Phenanthrene	17.380	178	370370	3.837	ng/ul	100
74) Anthracene	17.474	178	357380	3.638	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.386	216	83062	3.770	ng/uL	99
76) Pentachlorobenzene	14.904	250	90862	4.041	ng/uL	98
77) Carbazole	17.763	167	311216	3.418	ng/ul	100
78) Di-n-butylphthalate	18.316	149	380219	3.075	ng/ul	99
80) Fluoranthene	19.404	202	386463	3.760	ng/ul	100
82) Pyrene	19.763	202	430497	4.041	ng/ul	98
83) Butylbenzylphthalate	20.668	149	158757	3.152	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.457	252	105780	3.230	ng/ul	97
85) Benzo(a)anthracene	21.515	228	390673	3.762	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.445	149	240116	2.993	ng/ul	99
87) Chrysene	21.568	228	363310	3.875	ng/ul	99
89) Di-n-octyl phthalate	22.386	149	387142	2.874	ng/ul	100
90) Benzo(b)fluoranthene	23.209	252	372242	3.670	ng/ul	99
91) Benzo(k)fluoranthene	23.262	252	367904	3.683	ng/ul	99
93) Benzo(a)pyrene	23.845	252	354213	3.815	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.474	276	393025	3.709	ng/ul	99
95) Dibenzo(a,h)anthracene	26.497	278	324553	3.697	ng/ul	98
96) Benzo(g,h,i)perylene	27.250	276	313408	3.895	ng/ul	98

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

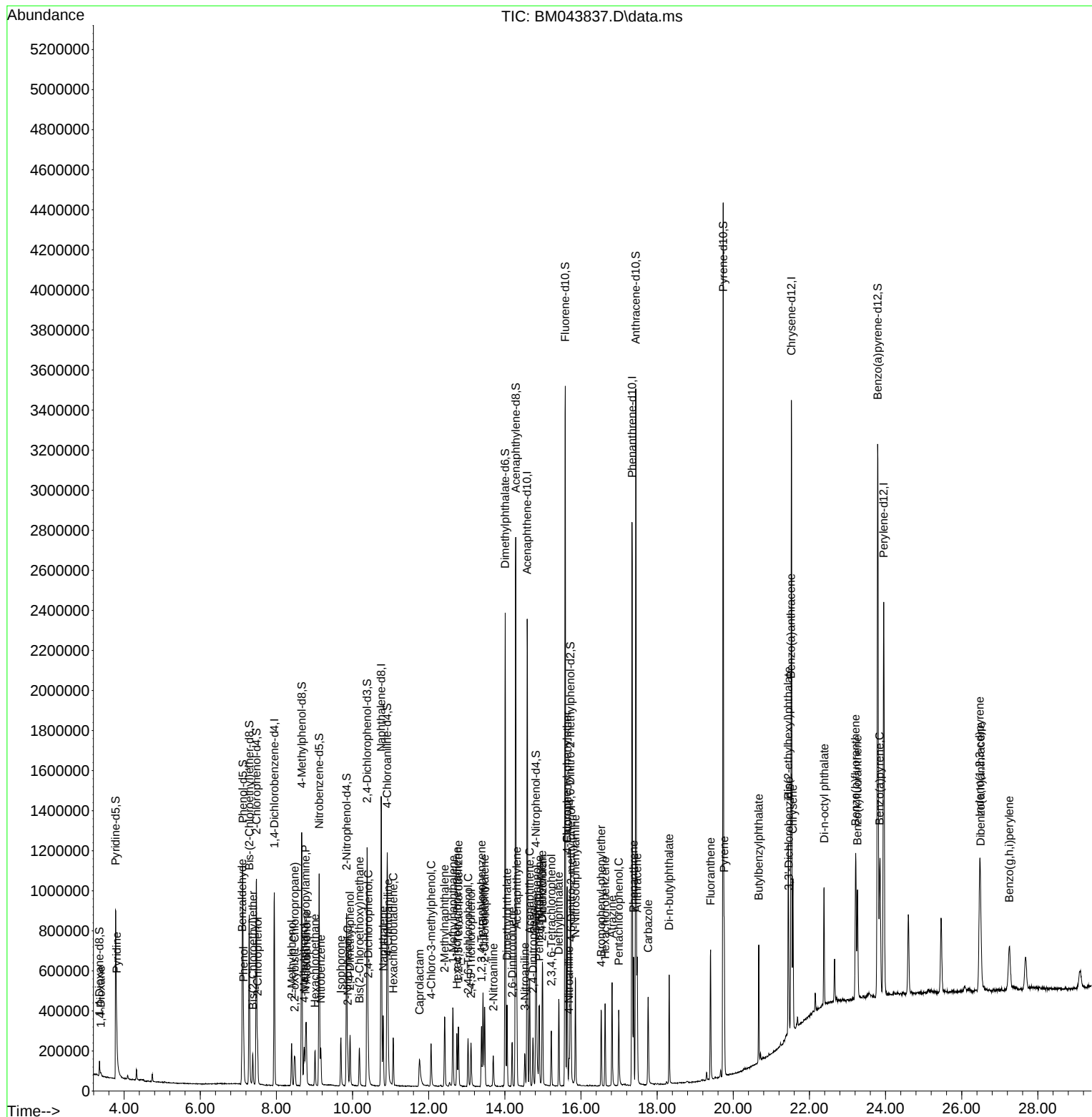
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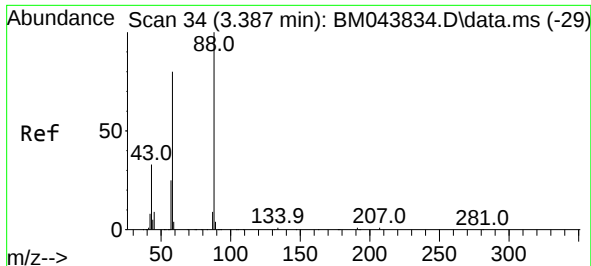
Instrument :
 BNA_M
 ClientSampleId :
 MDL-SOIL-QT4-2023-08

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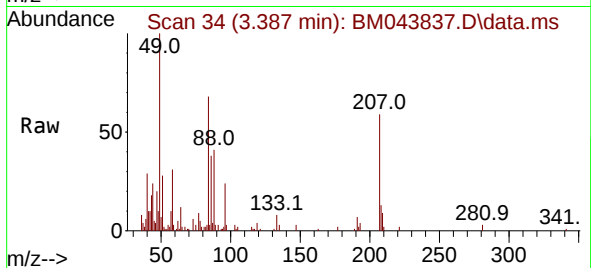
Reviewed By :Jagrut Upadhyay 01/16/2024
 Supervised By :mohammad ahmed 01/17/2024





#2
1,4-Dioxane
Concen: 1.075 ng/uL
RT: 3.387 min Scan# 34
Delta R.T. -0.006 min
Lab File: BM043837.D
Acq: 15 Jan 2024 12:06

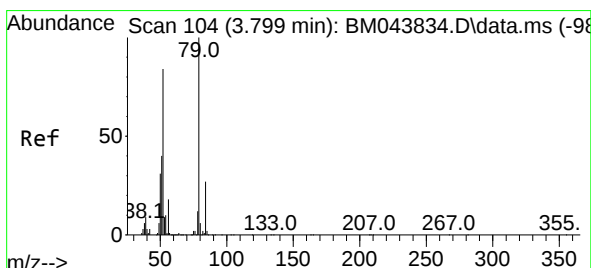
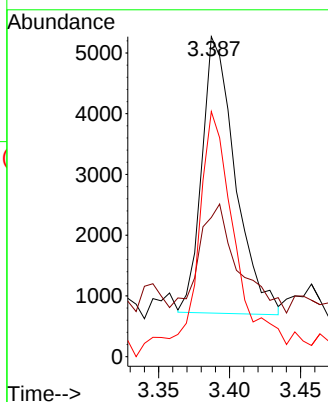
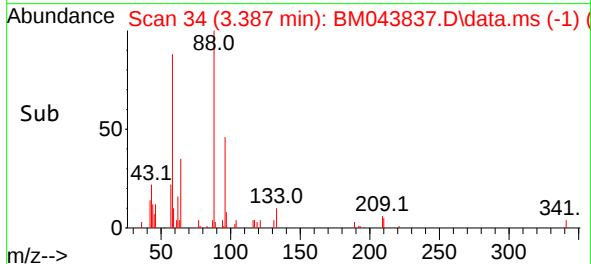
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT4-2023-08



Tgt Ion: 88 Resp: 746
Ion Ratio Lower Upper
88 100
43 43.5 27.2 40.8
58 76.6 62.6 93.8

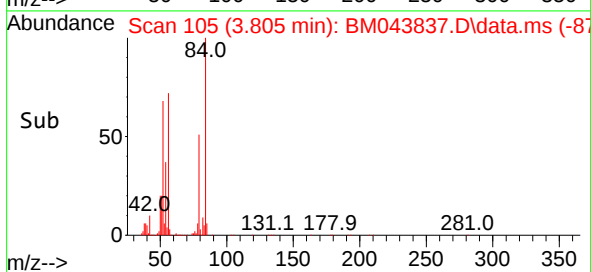
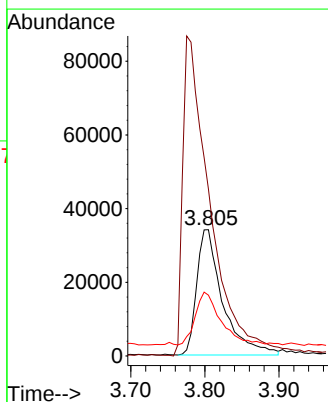
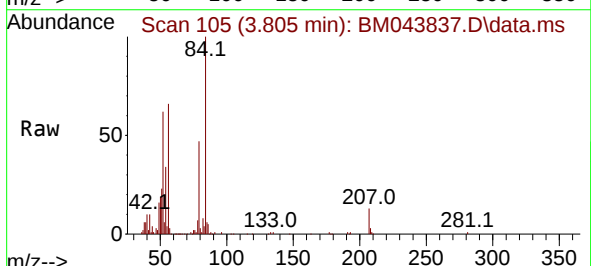
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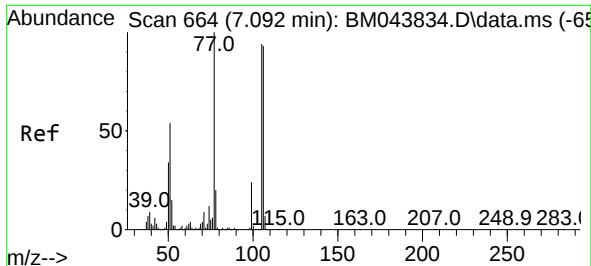
Reviewed By :Jagrut Upadhyay 01/16/2024
Supervised By :mohammad ahmed 01/17/2024



#5
Pyridine
Concen: 3.968 ng/uL
RT: 3.805 min Scan# 105
Delta R.T. 0.006 min
Lab File: BM043837.D
Acq: 15 Jan 2024 12:06

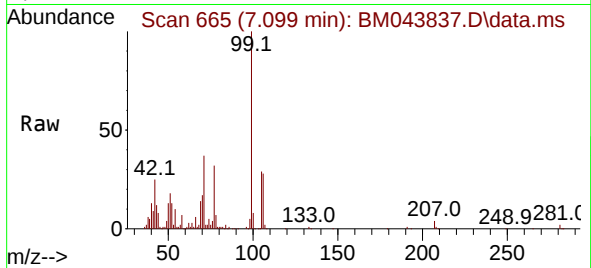
Tgt Ion: 79 Resp: 82987
Ion Ratio Lower Upper
79 100
52 132.2 69.4 104.0#
51 48.2 31.4 47.2#





#6
Benzaldehyde
Concen: 6.703 ng/ul m
RT: 7.099 min Scan# 6
Delta R.T. 0.000 min
Lab File: BM043837.D
Acq: 15 Jan 2024 12:06

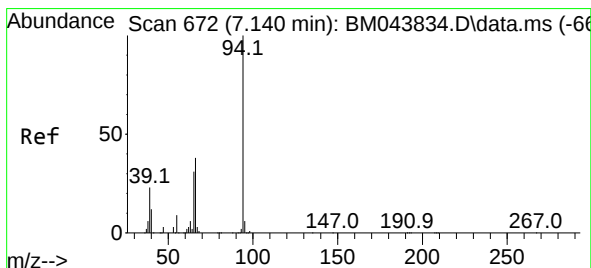
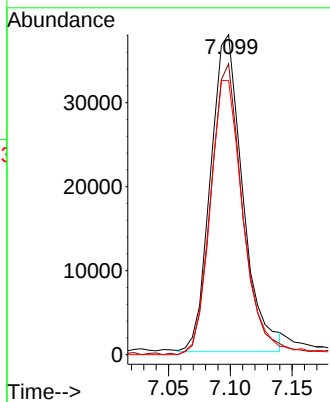
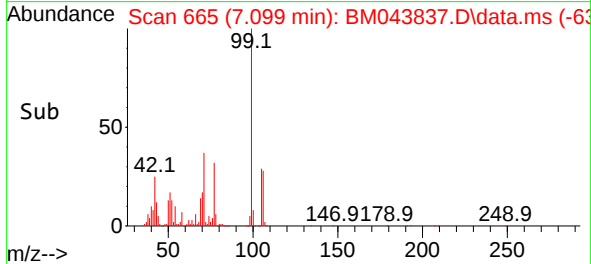
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT4-2023-08



Tgt Ion: 77 Resp: 6840
Ion Ratio Lower Upper
77 100
105 90.9 76.0 114.0
106 85.7 74.2 111.4

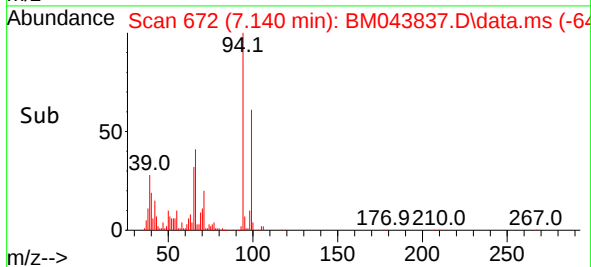
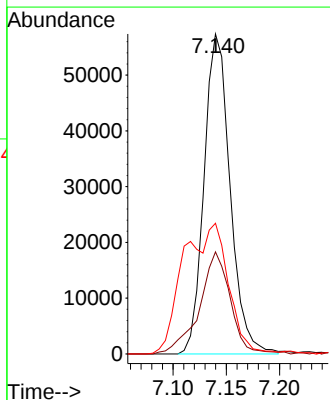
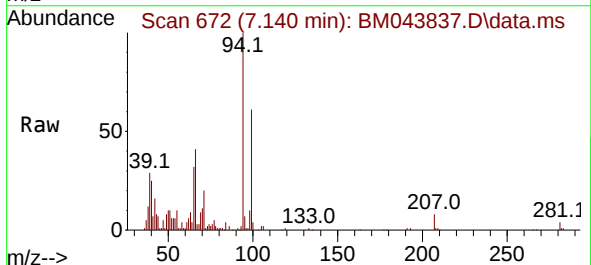
Manual Integrations
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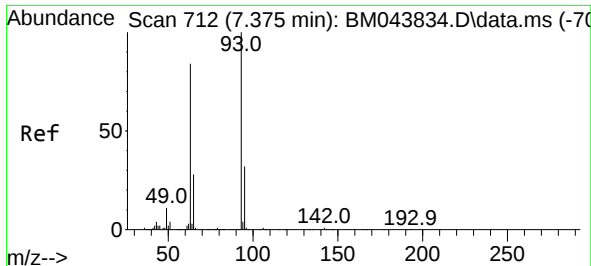
Reviewed By :Jagrut Upadhyay 01/16/2024
Supervised By :mohammad ahmed 01/17/2024



#8
Phenol
Concen: 3.758 ng/ul
RT: 7.140 min Scan# 672
Delta R.T. -0.012 min
Lab File: BM043837.D
Acq: 15 Jan 2024 12:06

Tgt Ion: 94 Resp: 97592
Ion Ratio Lower Upper
94 100
65 31.9 23.9 35.9
66 40.8 30.7 46.1





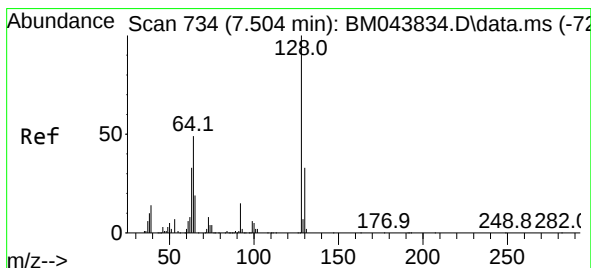
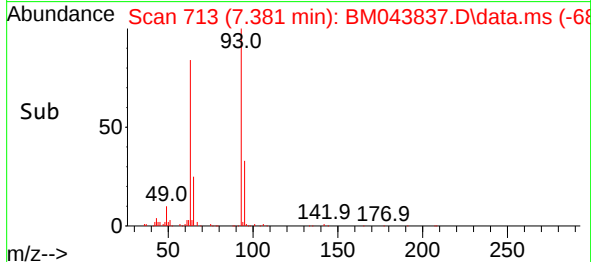
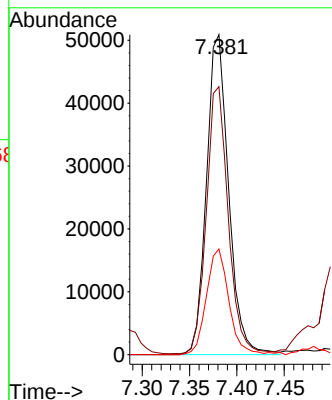
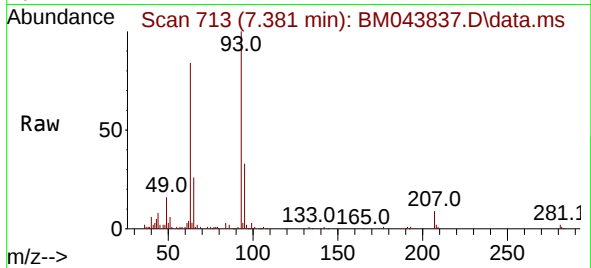
#10
Bis(2-Chloroethyl)ether
Concen: 3.955 ng/ul
RT: 7.381 min Scan# 713
Delta R.T. -0.006 min
Lab File: BM043837.D
Acq: 15 Jan 2024 12:06

Instrument :
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ClientSampleId :
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Tgt Ion: 93 Resp: 82810
Ion Ratio Lower Upper
93 100
63 83.8 64.1 96.1
95 33.0 26.1 39.1

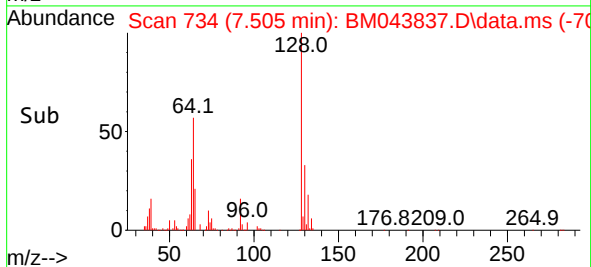
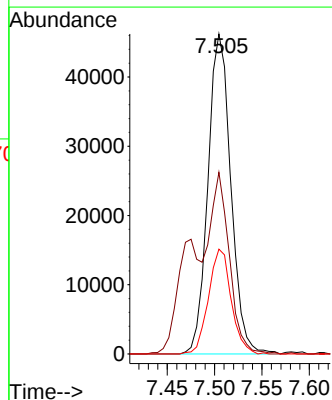
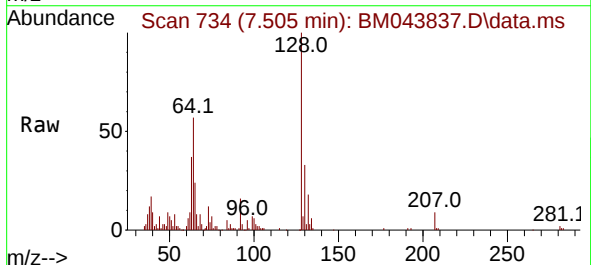
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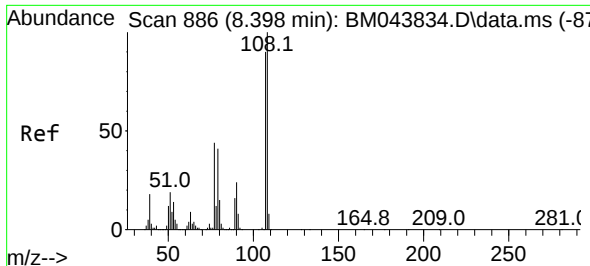
Reviewed By :Jagrut Upadhyay 01/16/2024
Supervised By :mohammad ahmed 01/17/2024



#12
2-Chlorophenol
Concen: 3.982 ng/ul
RT: 7.505 min Scan# 734
Delta R.T. -0.006 min
Lab File: BM043837.D
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Tgt Ion:128 Resp: 77748
Ion Ratio Lower Upper
128 100
64 56.7 38.7 58.1
130 32.8 25.3 37.9





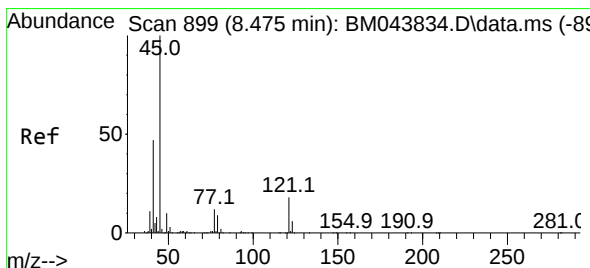
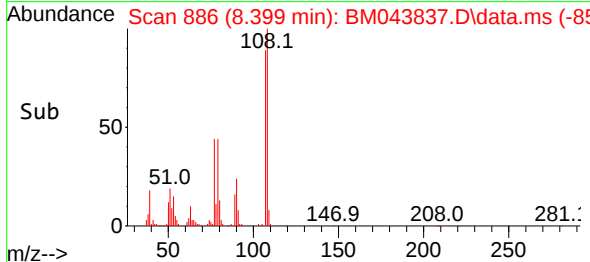
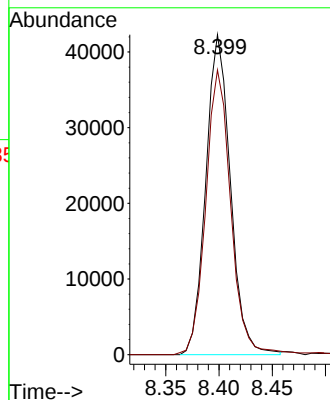
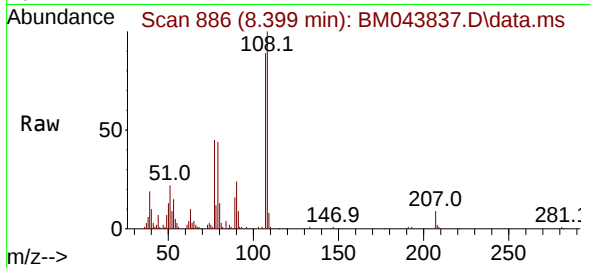
#13
2-Methylphenol
Concen: 3.404 ng/ul
RT: 8.399 min Scan# 886
Delta R.T. -0.006 min
Lab File: BM043837.D
Acq: 15 Jan 2024 12:06

Instrument : BNA_M
ClientSampleId :
MDL-SOIL-QT4-2023-08

Tgt Ion:108 Resp: 6808
Ion Ratio Lower Upper
108 100
107 88.9 71.6 107.4

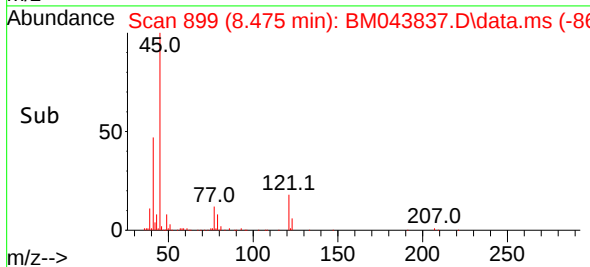
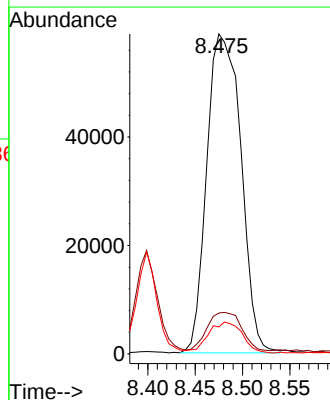
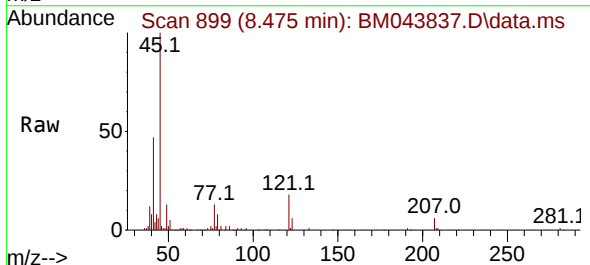
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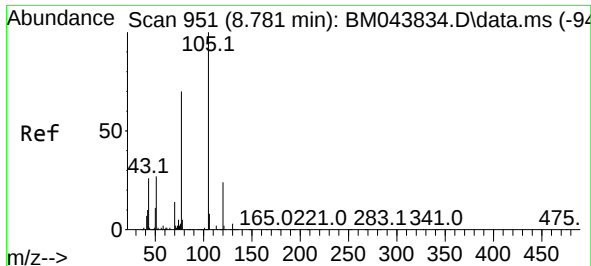
Reviewed By :Jagrut Upadhyay 01/16/2024
Supervised By :mohammad ahmed 01/17/2024



#14
2,2'-oxybis(1-Chloropropane)
Concen: 4.173 ng/ul
RT: 8.475 min Scan# 899
Delta R.T. 0.000 min
Lab File: BM043837.D
Acq: 15 Jan 2024 12:06

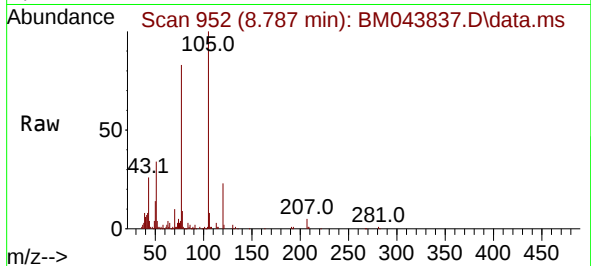
Tgt Ion: 45 Resp: 147321
Ion Ratio Lower Upper
45 100
77 12.8 9.9 14.9
79 8.5 7.0 10.6





#16
Acetophenone
Concen: 3.851 ng/ul
RT: 8.787 min Scan# 951
Delta R.T. 0.000 min
Lab File: BM043837.D
Acq: 15 Jan 2024 12:06

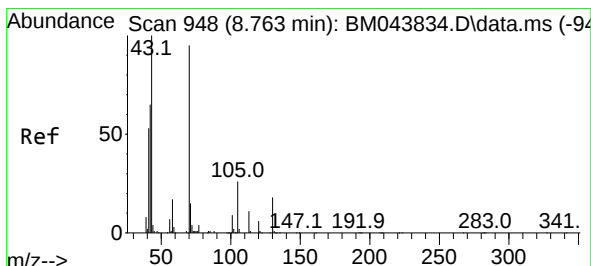
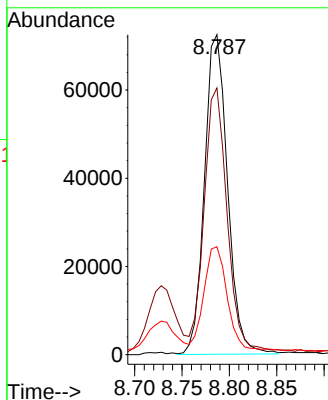
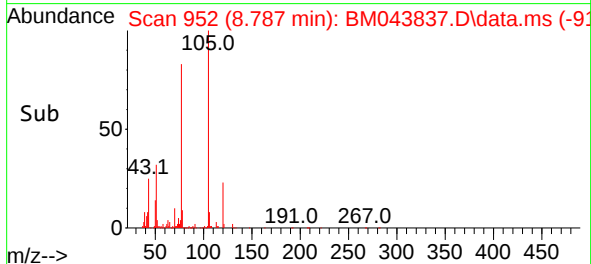
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT4-2023-08



Tgt Ion: 105 Resp: 12298
Ion Ratio Lower Upper
105 100
77 83.3 65.8 98.6
51 33.7 25.3 37.9

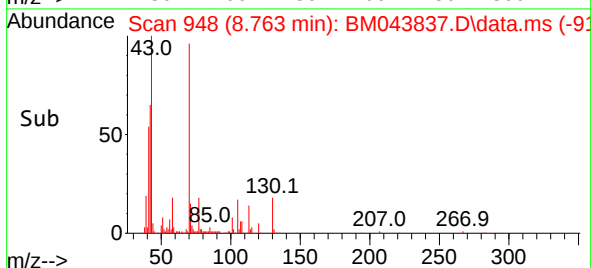
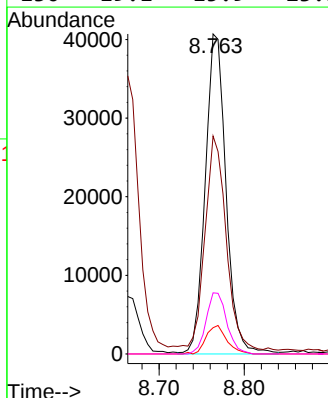
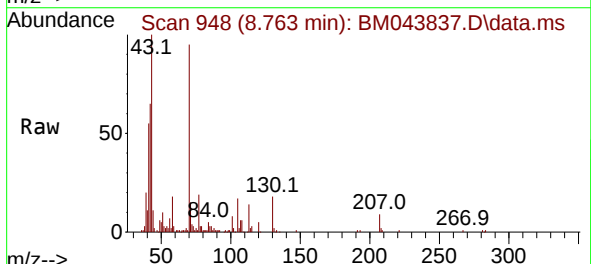
Manual Integrations
APPROVED

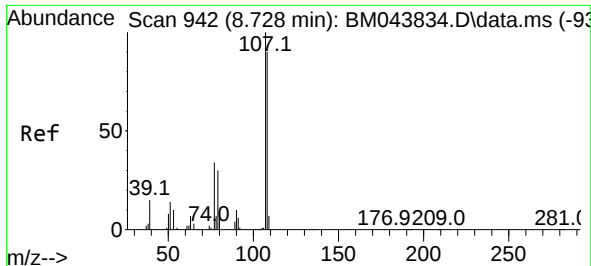
Reviewed By :Jagrut Upadhyay 01/16/2024
Supervised By :mohammad ahmed 01/17/2024



#17
N-Nitroso-di-n-propylamine
Concen: 3.919 ng/ul
RT: 8.763 min Scan# 948
Delta R.T. -0.006 min
Lab File: BM043837.D
Acq: 15 Jan 2024 12:06

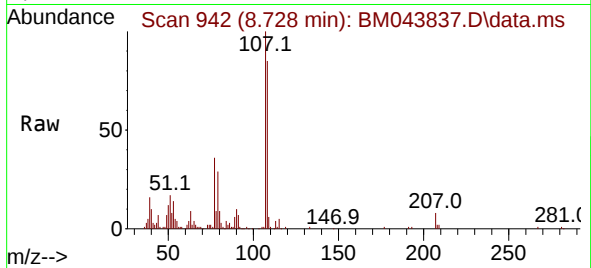
Tgt Ion: 70 Resp: 69175
Ion Ratio Lower Upper
70 100
42 68.1 52.3 78.5
101 8.2 7.0 10.4
130 19.1 15.9 23.9





#18
4-Methylphenol
Concen: 3.605 ng/ul
RT: 8.728 min Scan# 942
Delta R.T. -0.012 min
Lab File: BM043837.D
Acq: 15 Jan 2024 12:06

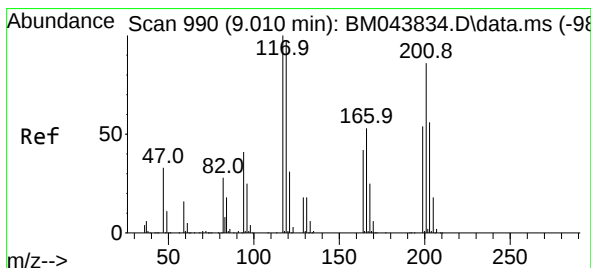
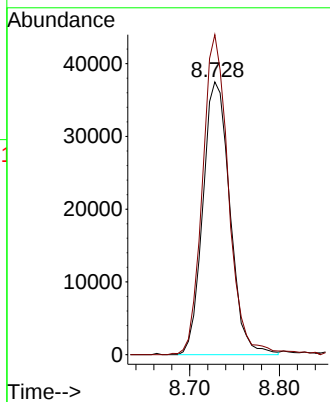
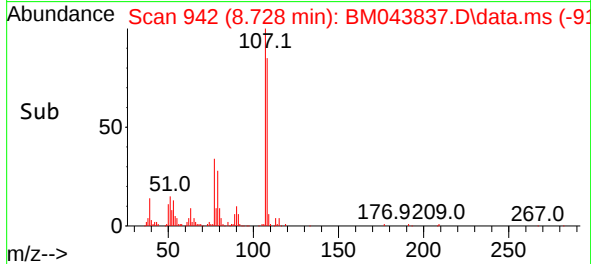
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT4-2023-08



Tgt Ion:108 Resp: 78350
Ion Ratio Lower Upper
108 100
107 117.3 85.3 127.9

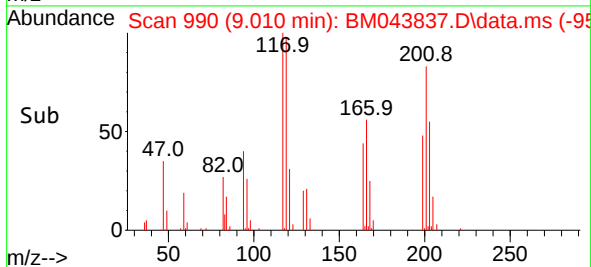
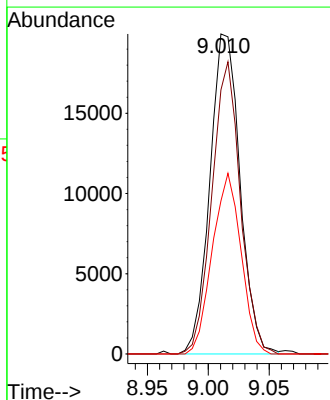
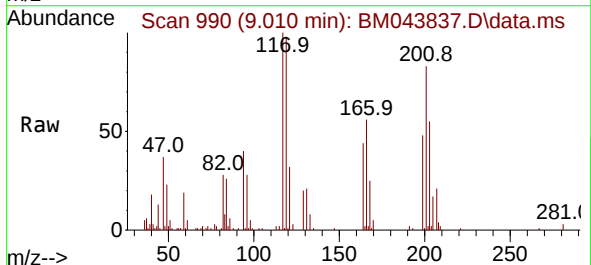
Manual Integrations
APPROVED

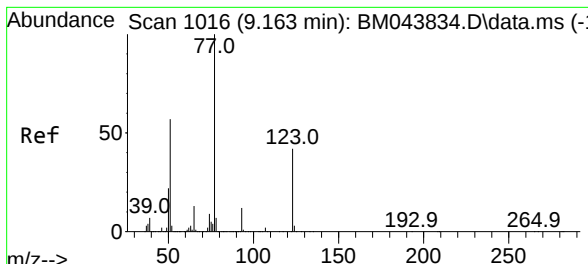
Reviewed By :Jagrut Upadhyay 01/16/2024
Supervised By :mohammad ahmed 01/17/2024



#19
Hexachloroethane
Concen: 4.068 ng/ul
RT: 9.010 min Scan# 990
Delta R.T. -0.006 min
Lab File: BM043837.D
Acq: 15 Jan 2024 12:06

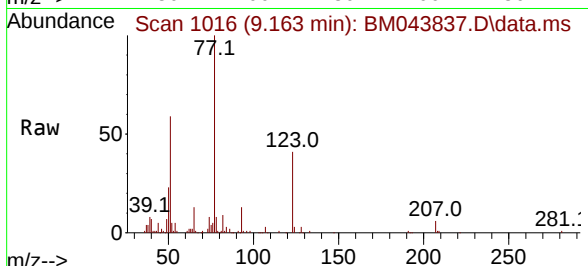
Tgt Ion:117 Resp: 34416
Ion Ratio Lower Upper
117 100
201 82.5 69.9 104.9
199 47.8 43.7 65.5





#22
 Nitrobenzene
 Concen: 4.012 ng/ul
 RT: 9.163 min Scan# 1016
 Delta R.T. -0.006 min
 Lab File: BM043837.D
 Acq: 15 Jan 2024 12:06

Instrument :
 BNA_M
 ClientSampleId :
 MDL-SOIL-QT4-2023-08

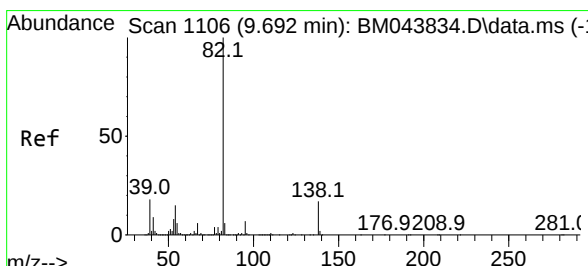
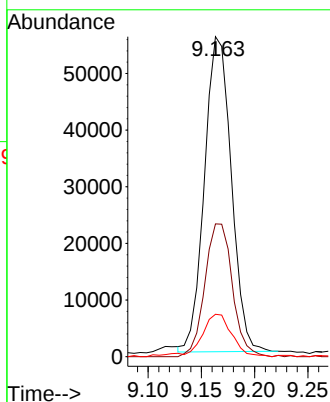
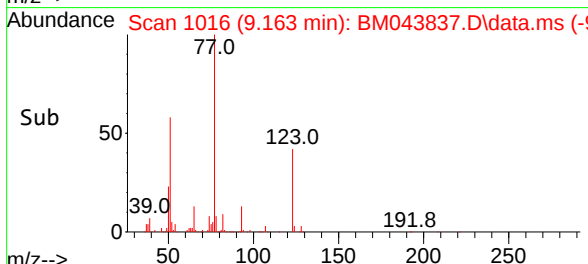


Tgt Ion: 77 Resp: 97618

Ion	Ratio	Lower	Upper
77	100		
123	41.5	33.8	50.8
65	13.3	11.1	16.7

Manual Integrations
 APPROVED

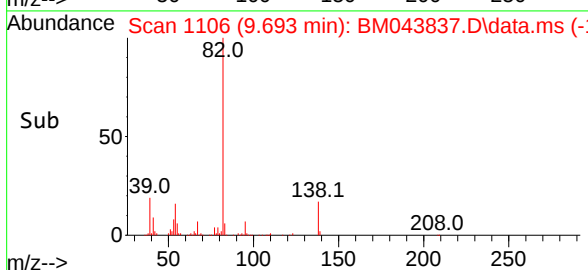
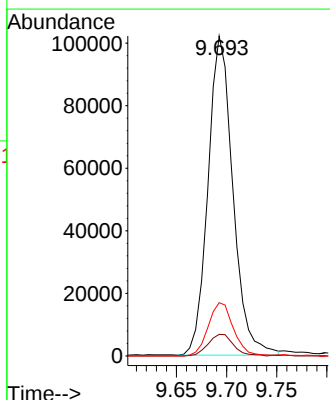
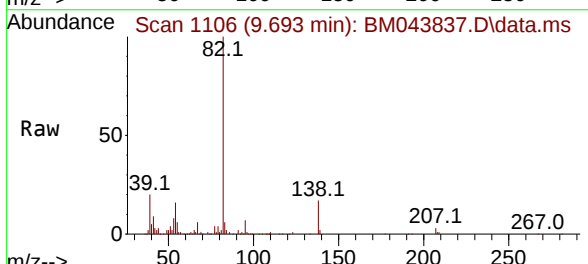
Reviewed By :Jagrut Upadhyay 01/16/2024
 Supervised By :mohammad ahmed 01/17/2024

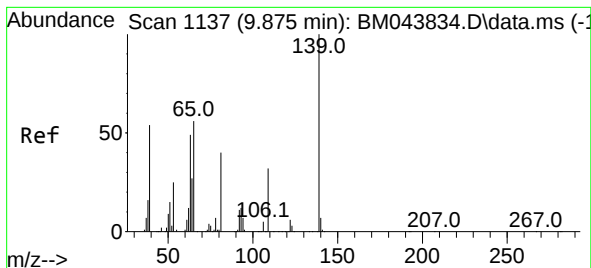


#23
 Isophorone
 Concen: 3.535 ng/ul
 RT: 9.693 min Scan# 1106
 Delta R.T. -0.006 min
 Lab File: BM043837.D
 Acq: 15 Jan 2024 12:06

Tgt Ion: 82 Resp: 176402

Ion	Ratio	Lower	Upper
82	100		
95	6.8	5.3	7.9
138	16.7	14.0	21.0





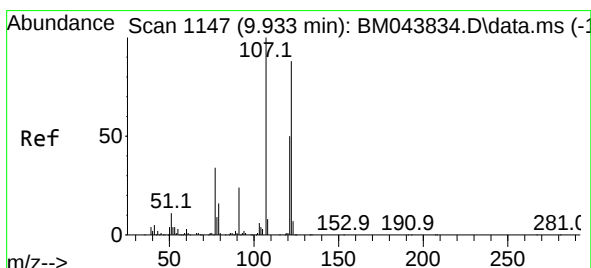
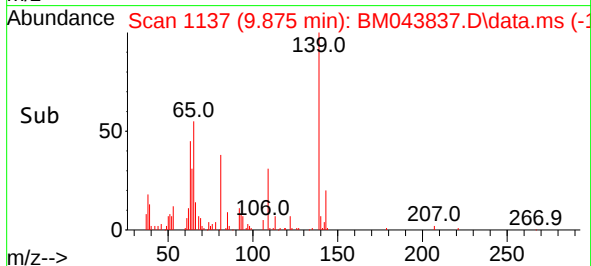
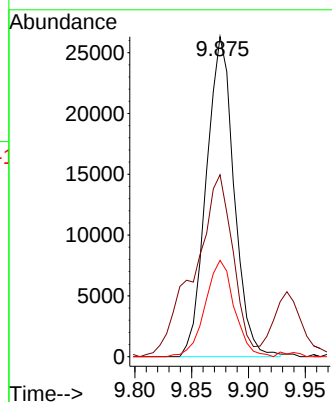
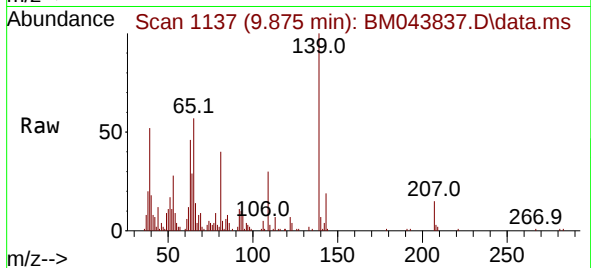
#25
2-Nitrophenol
Concen: 3.846 ng/ul
RT: 9.875 min Scan# 1137
Delta R.T. -0.006 min
Lab File: BM043837.D
Acq: 15 Jan 2024 12:06

Instrument : BNA_M
ClientSampleId :
MDL-SOIL-QT4-2023-08

Tgt Ion:139 Resp: 44659
Ion Ratio Lower Upper
139 100
65 56.9 41.8 62.8
109 30.1 23.1 34.7

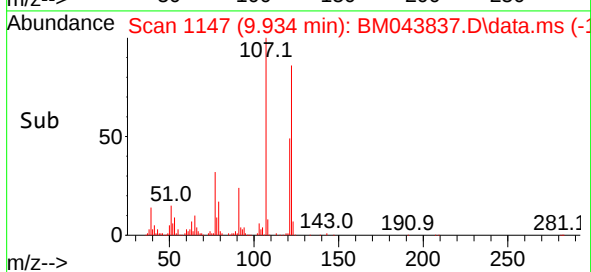
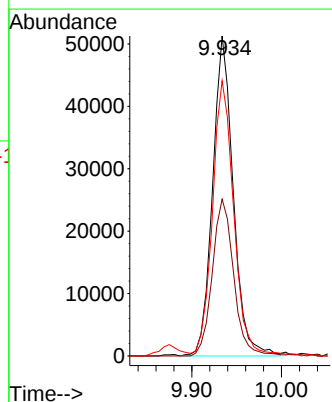
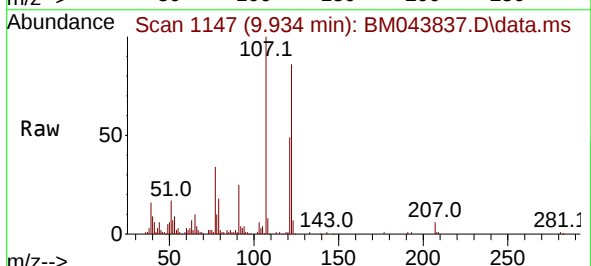
Manual Integrations
APPROVED

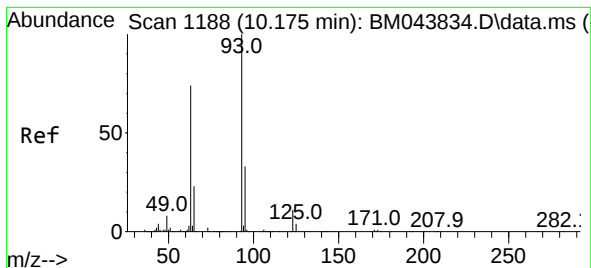
Reviewed By :Jagrut Upadhyay 01/16/2024
Supervised By :mohammad ahmed 01/17/2024



#26
2,4-Dimethylphenol
Concen: 3.631 ng/ul
RT: 9.934 min Scan# 1147
Delta R.T. -0.006 min
Lab File: BM043837.D
Acq: 15 Jan 2024 12:06

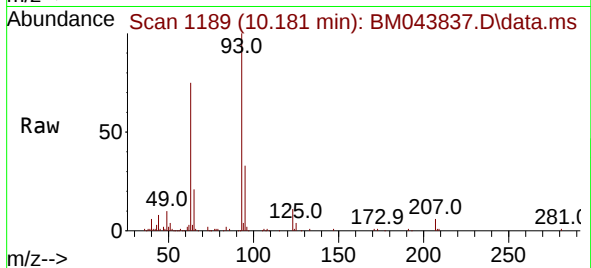
Tgt Ion:107 Resp: 81790
Ion Ratio Lower Upper
107 100
121 49.0 40.2 60.4
122 86.0 70.8 106.2





#27
Bis(2-Chloroethoxy)methane
Concen: 3.844 ng/ul
RT: 10.181 min Scan# 1188
Delta R.T. 0.000 min
Lab File: BM043837.D
Acq: 15 Jan 2024 12:06

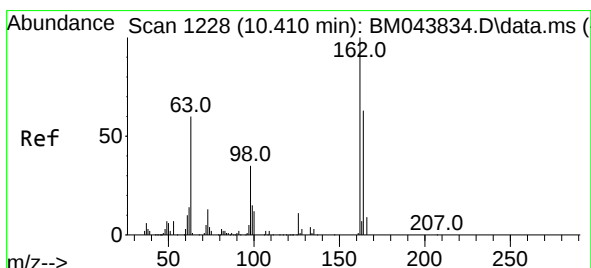
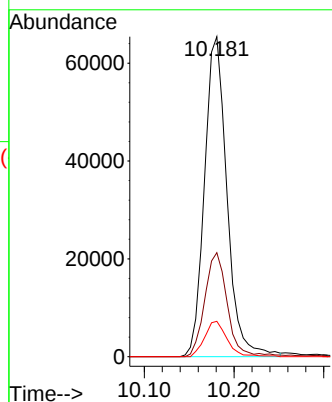
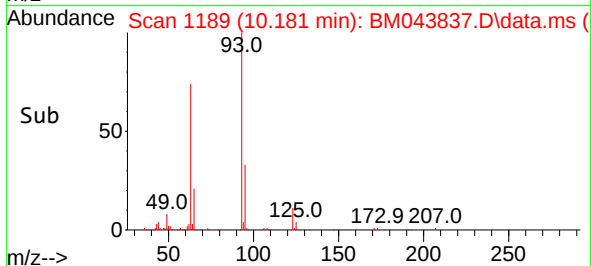
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT4-2023-08



Tgt Ion: 93 Resp: 113768
Ion Ratio Lower Upper
93 100
95 32.5 26.2 39.4
123 11.1 9.2 13.8

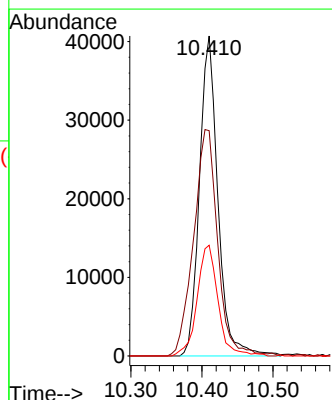
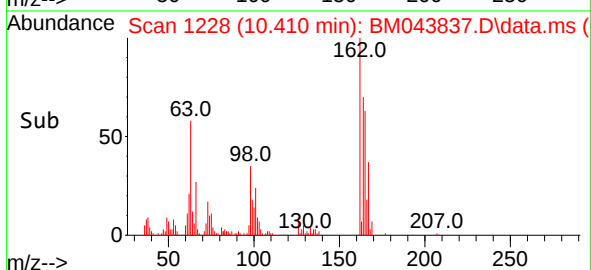
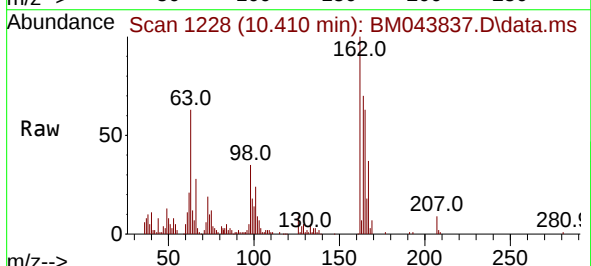
Manual Integrations
APPROVED

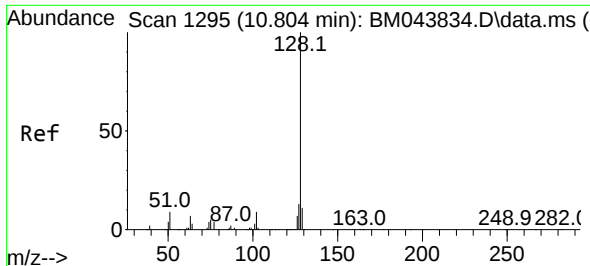
Reviewed By :Jagrut Upadhyay 01/16/2024
Supervised By :mohammad ahmed 01/17/2024



#29
2,4-Dichlorophenol
Concen: 3.779 ng/ul
RT: 10.410 min Scan# 1228
Delta R.T. -0.006 min
Lab File: BM043837.D
Acq: 15 Jan 2024 12:06

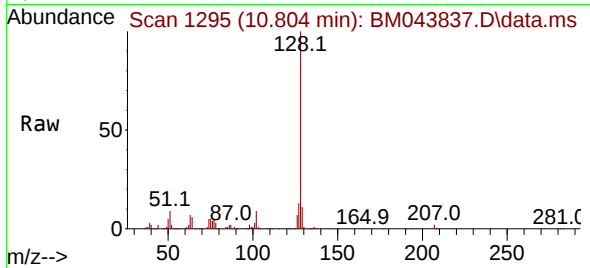
Tgt Ion:162 Resp: 73718
Ion Ratio Lower Upper
162 100
164 70.4 52.3 78.5
98 34.6 28.5 42.7





#30
Naphthalene
Concen: 4.004 ng/ul
RT: 10.804 min Scan# 1295
Delta R.T. -0.006 min
Lab File: BM043837.D
Acq: 15 Jan 2024 12:06

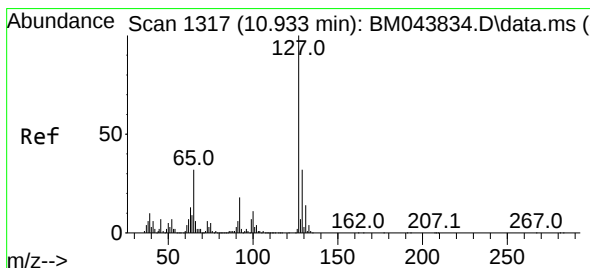
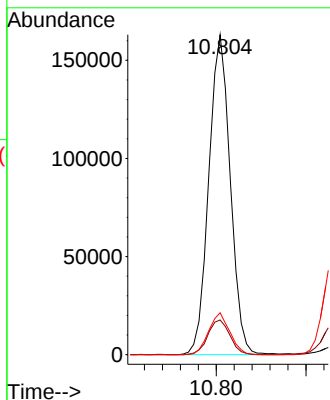
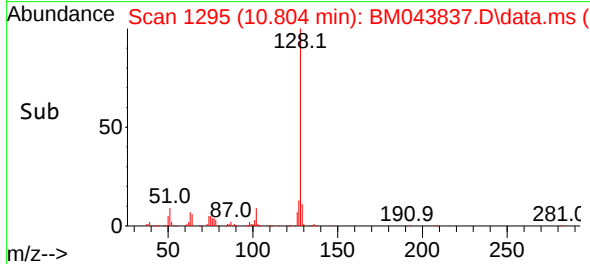
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT4-2023-08



Tgt Ion:128 Resp: 271215
Ion Ratio Lower Upper
128 100
129 10.9 8.8 13.2
127 13.1 10.2 15.4

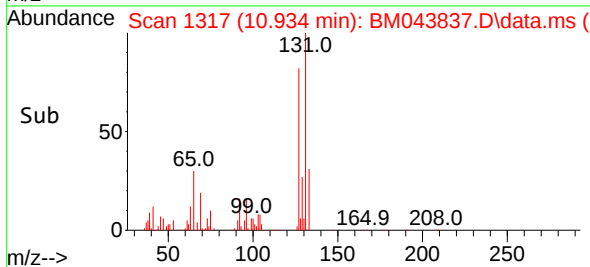
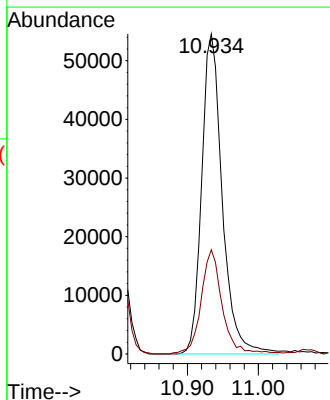
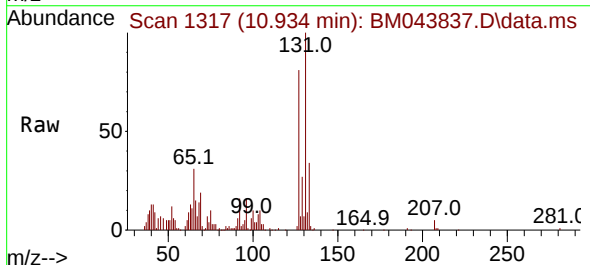
Manual Integrations
APPROVED

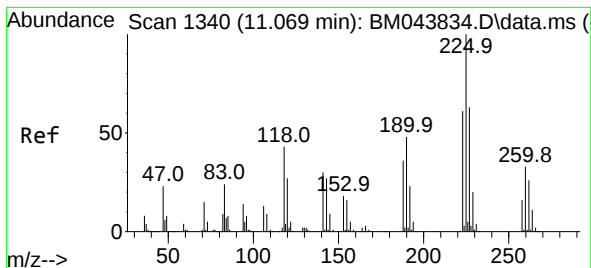
Reviewed By :Jagrut Upadhyay 01/16/2024
Supervised By :mohammad ahmed 01/17/2024



#32
4-Chloroaniline
Concen: 3.634 ng/ul
RT: 10.934 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BM043837.D
Acq: 15 Jan 2024 12:06

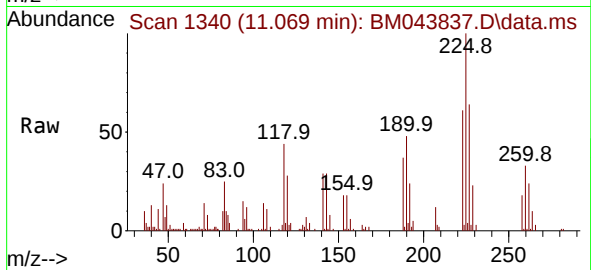
Tgt Ion:127 Resp: 110044
Ion Ratio Lower Upper
127 100
129 32.6 25.8 38.6





#33
Hexachlorobutadiene
Concen: 3.999 ng/u1
RT: 11.069 min Scan# 1106
Delta R.T. -0.006 min
Lab File: BM043837.D
Acq: 15 Jan 2024 12:06

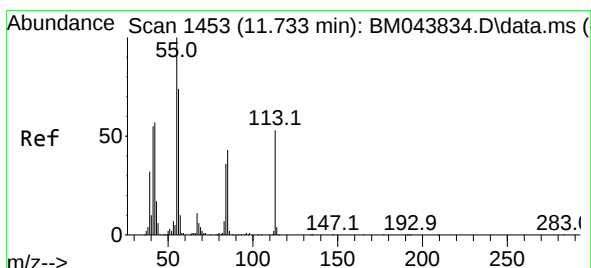
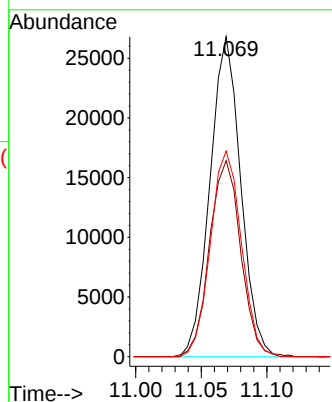
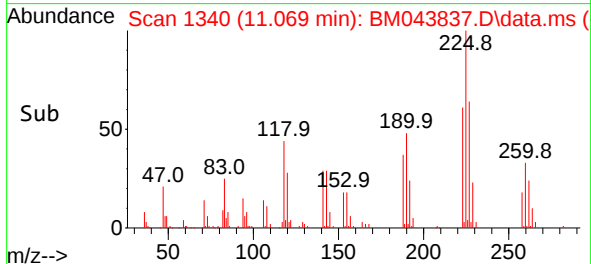
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT4-2023-08



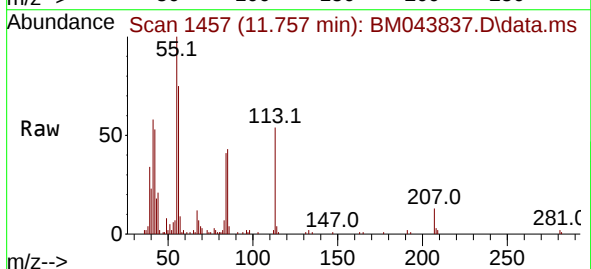
Tgt Ion:225 Resp: 43640
Ion Ratio Lower Upper
225 100
223 61.3 50.6 75.8
227 64.3 50.8 76.2

Manual Integrations
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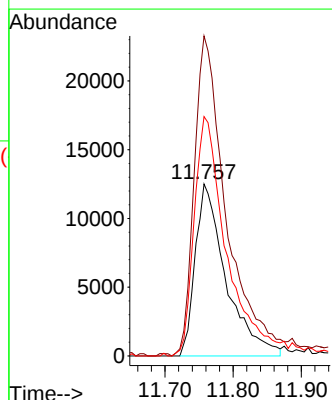
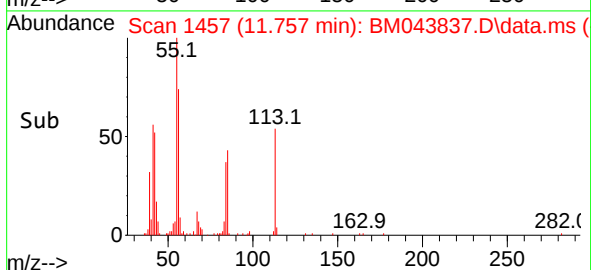
Reviewed By :Jagrut Upadhyay 01/16/2024
Supervised By :mohammad ahmed 01/17/2024

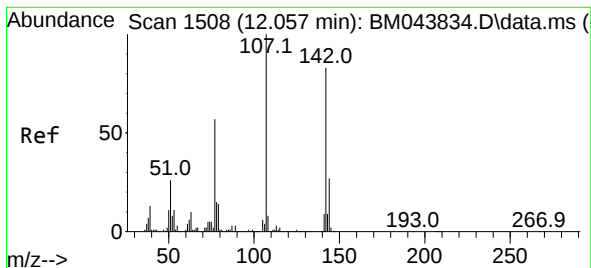


#34
Caprolactam
Concen: 5.590 ng/u1
RT: 11.757 min Scan# 1457
Delta R.T. 0.012 min
Lab File: BM043837.D
Acq: 15 Jan 2024 12:06



Tgt Ion:113 Resp: 39259
Ion Ratio Lower Upper
113 100
55 186.0 147.3 220.9
56 139.1 109.9 164.9





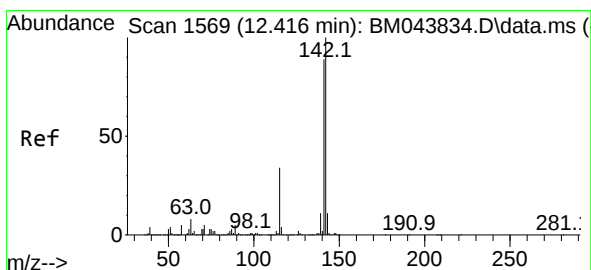
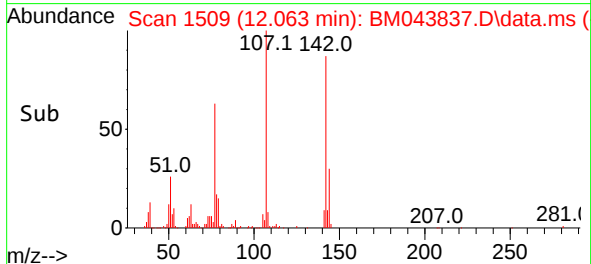
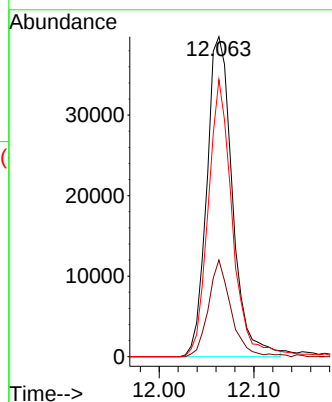
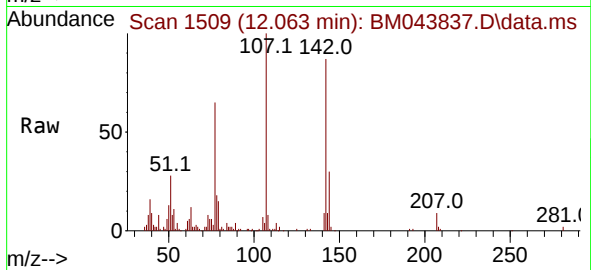
#35
4-Chloro-3-methylphenol
Concen: 3.460 ng/ul
RT: 12.063 min Scan# 1509
Delta R.T. 0.000 min
Lab File: BM043837.D
Acq: 15 Jan 2024 12:06

Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT4-2023-08

Tgt Ion:107 Resp: 7479
Ion Ratio Lower Upper
107 100
144 30.2 21.8 32.6
142 86.6 65.9 98.9

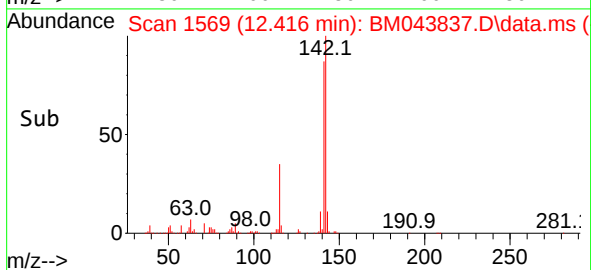
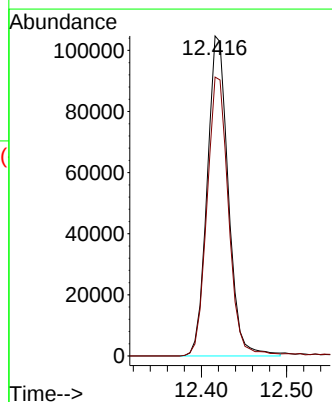
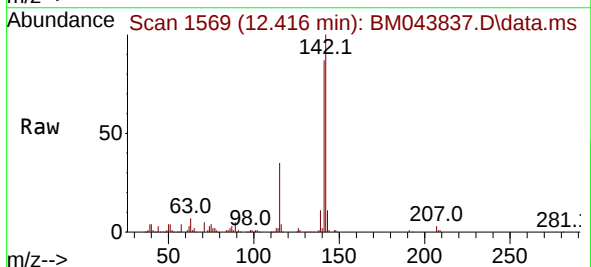
Manual Integrations
APPROVED

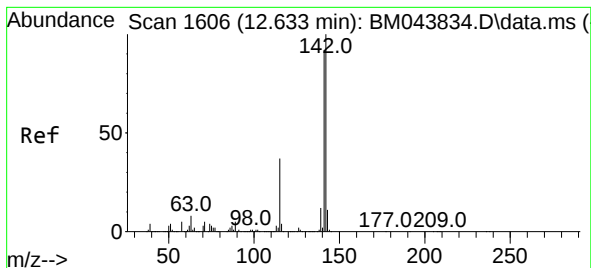
Reviewed By :Jagrut Upadhyay 01/16/2024
Supervised By :mohammad ahmed 01/17/2024



#36
2-Methylnaphthalene
Concen: 3.815 ng/ul
RT: 12.416 min Scan# 1569
Delta R.T. -0.006 min
Lab File: BM043837.D
Acq: 15 Jan 2024 12:06

Tgt Ion:142 Resp: 180144
Ion Ratio Lower Upper
142 100
141 87.2 71.4 107.0





#37

1-Methylnaphthalene

Concen: 3.979 ng/ul

RT: 12.634 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM043837.D

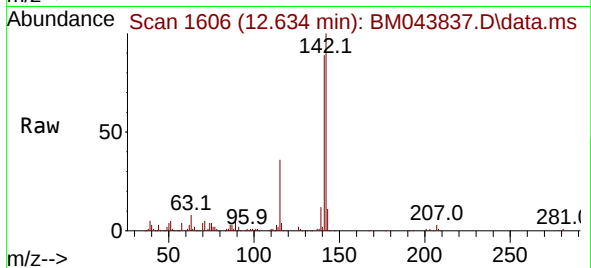
Acq: 15 Jan 2024 12:06

Instrument :

BNA_M

ClientSampleId :

MDL-SOIL-QT4-2023-08

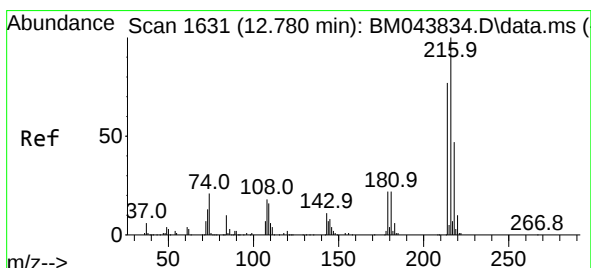
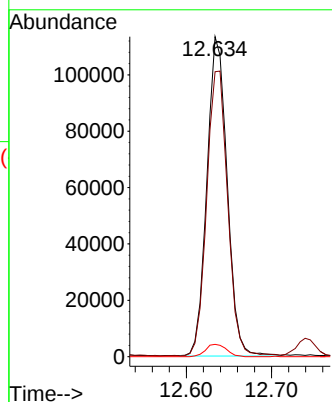
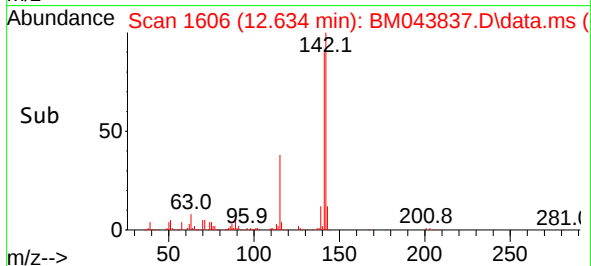


Tgt Ion:	142	Resp:	18734
Ion Ratio	Lower	Upper	
142	100		
141	89.0	73.4	110.2
116	3.8	3.0	4.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 01/16/2024
Supervised By :mohammad ahmed 01/17/2024



#39

1,2,4,5-Tetrachlorobenzene

Concen: 3.708 ng/ul

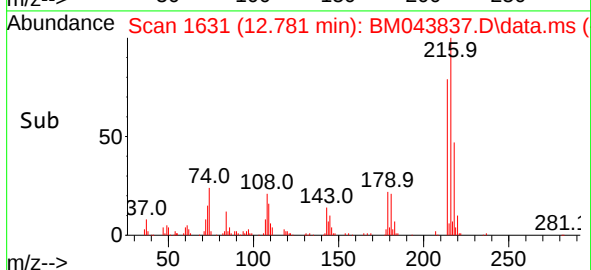
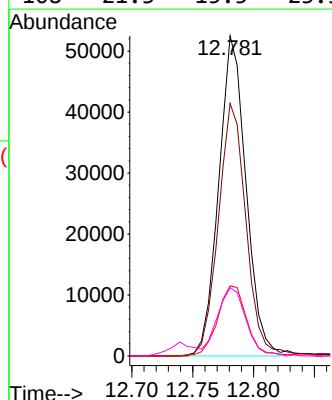
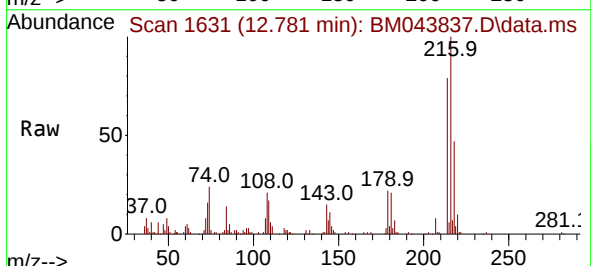
RT: 12.781 min Scan# 1631

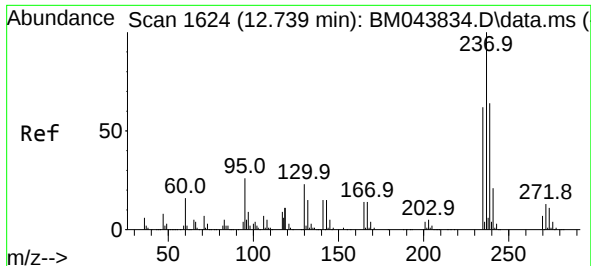
Delta R.T. -0.006 min

Lab File: BM043837.D

Acq: 15 Jan 2024 12:06

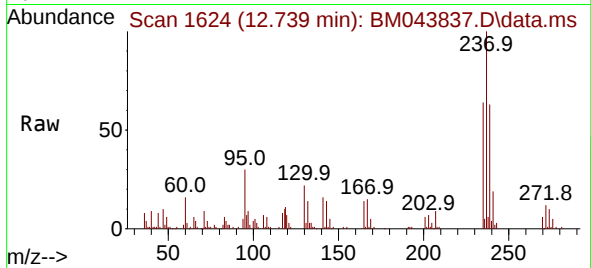
Tgt Ion:	216	Resp:	81811
Ion Ratio	Lower	Upper	
216	100		
214	78.9	64.3	96.5
179	22.0	17.8	26.8
108	21.3	15.5	23.3





#40
Hexachlorocyclopentadiene
Concen: 4.263 ng/ul
RT: 12.739 min Scan# 1624
Delta R.T. -0.006 min
Lab File: BM043837.D
Acq: 15 Jan 2024 12:06

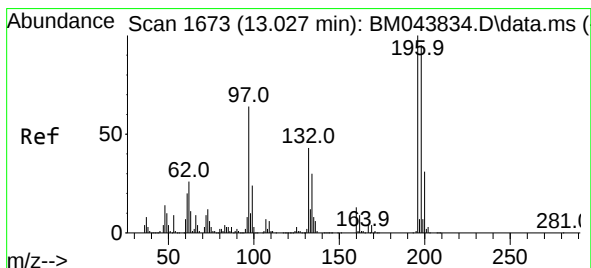
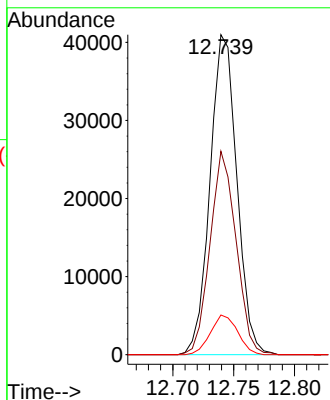
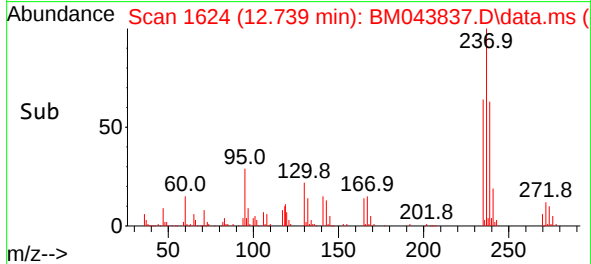
Instrument : BNA_M
ClientSampleId : MDL-SOIL-QT4-2023-08



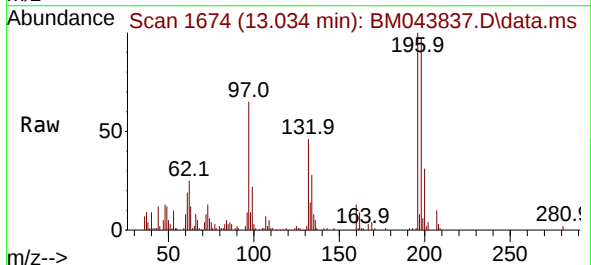
Tgt Ion:237 Resp: 62900
Ion Ratio Lower Upper
237 100
235 63.6 49.8 74.8
272 12.4 9.8 14.8

Manual Integrations
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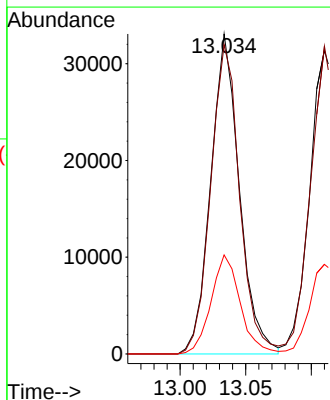
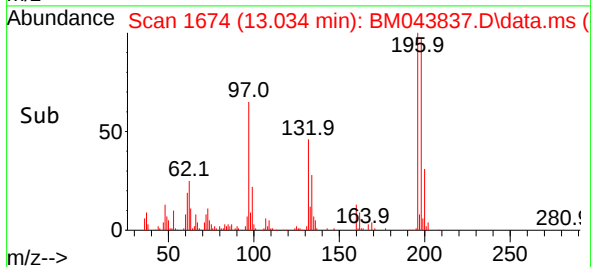
Reviewed By :Jagrut Upadhyay 01/16/2024
Supervised By :mohammad ahmed 01/17/2024

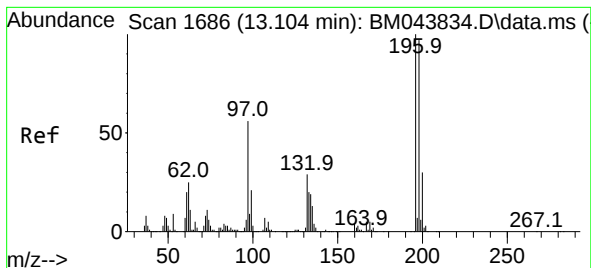


#41
2,4,6-Trichlorophenol
Concen: 3.205 ng/ul
RT: 13.034 min Scan# 1674
Delta R.T. 0.000 min
Lab File: BM043837.D
Acq: 15 Jan 2024 12:06



Tgt Ion:196 Resp: 50212
Ion Ratio Lower Upper
196 100
198 96.7 76.3 114.5
200 30.9 24.6 36.8





#42

2,4,5-Trichlorophenol

Concen: 3.298 ng/ul

RT: 13.110 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM043837.D

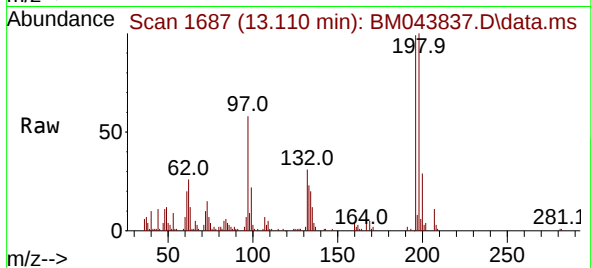
Acq: 15 Jan 2024 12:06

Instrument :

BNA_M

ClientSampleId :

MDL-SOIL-QT4-2023-08



Tgt Ion:196 Resp: 5485

Ion Ratio Lower Upper

196 100

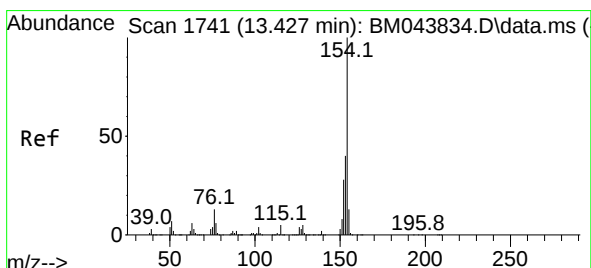
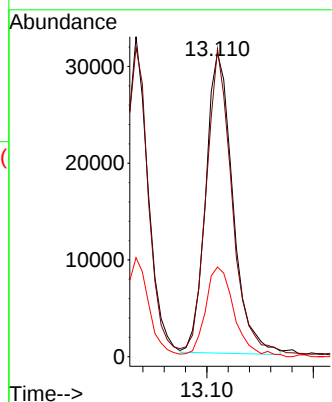
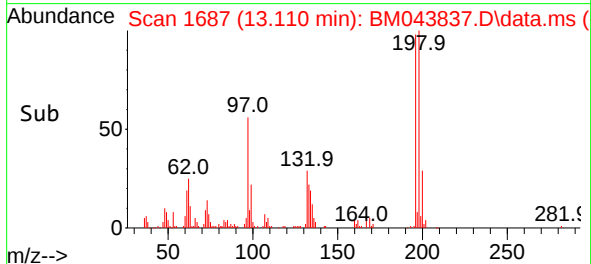
198 101.4 76.6 114.8

200 29.5 24.4 36.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 01/16/2024
Supervised By :mohammad ahmed 01/17/2024



#43

1,1'-Biphenyl

Concen: 3.783 ng/ul

RT: 13.428 min Scan# 1741

Delta R.T. -0.006 min

Lab File: BM043837.D

Acq: 15 Jan 2024 12:06

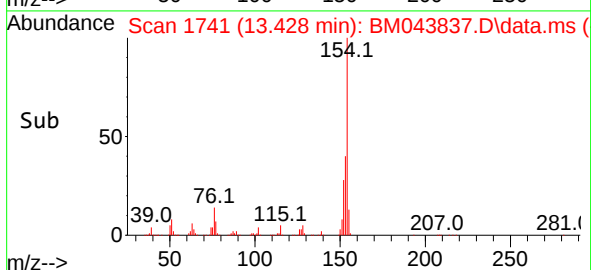
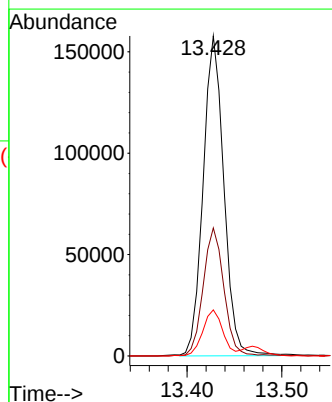
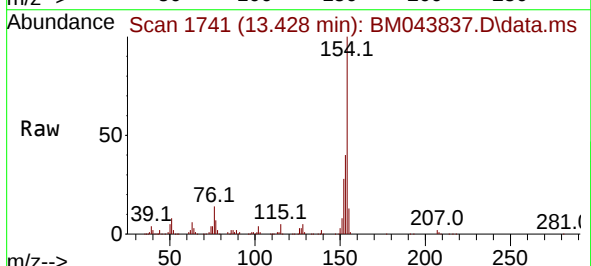
Tgt Ion:154 Resp: 239645

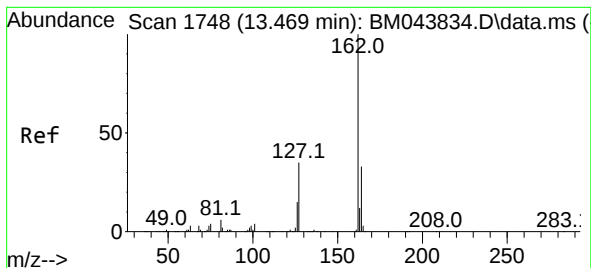
Ion Ratio Lower Upper

154 100

153 40.0 31.9 47.9

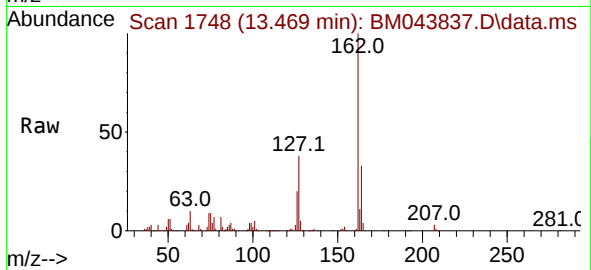
76 14.4 10.4 15.6





#44
2-Chloronaphthalene
Concen: 3.826 ng/ul
RT: 13.469 min Scan# 1748
Delta R.T. -0.006 min
Lab File: BM043837.D
Acq: 15 Jan 2024 12:06

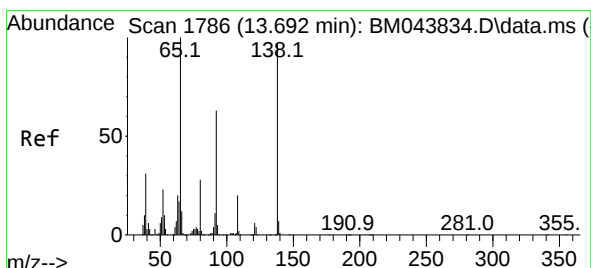
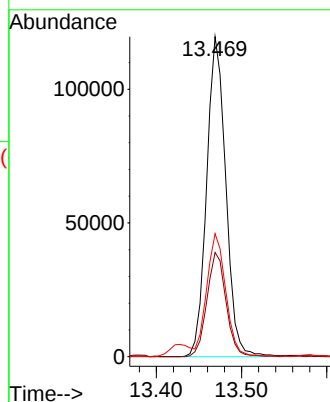
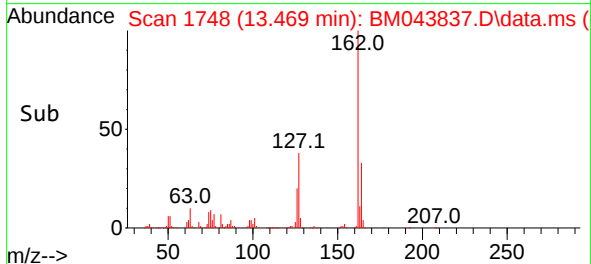
Instrument : BNA_M
ClientSampleId : MDL-SOIL-QT4-2023-08



Tgt Ion:162 Resp: 186772
Ion Ratio Lower Upper
162 100
164 32.6 25.9 38.9
127 38.4 30.7 46.1

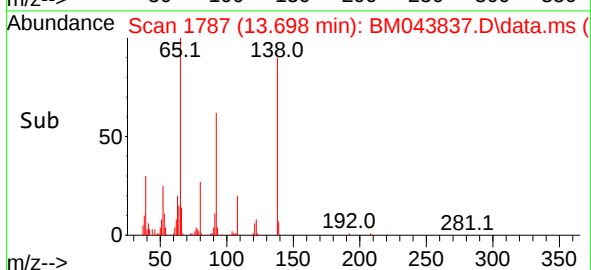
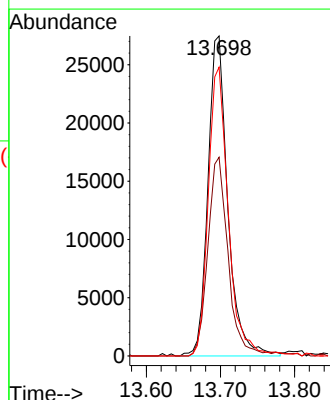
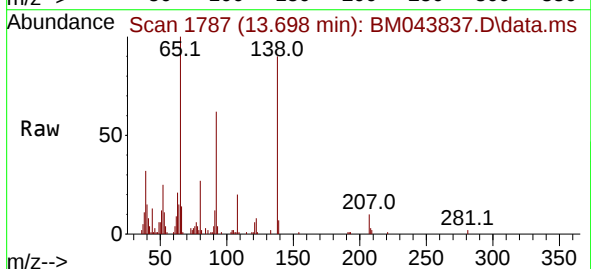
Manual Integrations
APPROVED

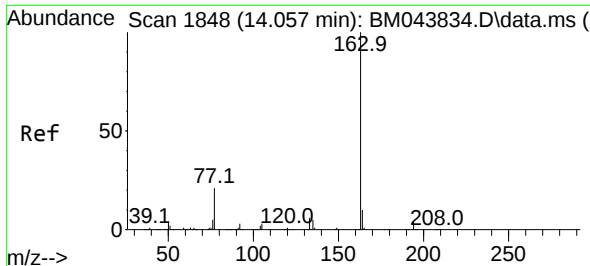
Reviewed By :Jagrut Upadhyay 01/16/2024
Supervised By :mohammad ahmed 01/17/2024



#45
2-Nitroaniline
Concen: 3.318 ng/ul
RT: 13.698 min Scan# 1787
Delta R.T. 0.000 min
Lab File: BM043837.D
Acq: 15 Jan 2024 12:06

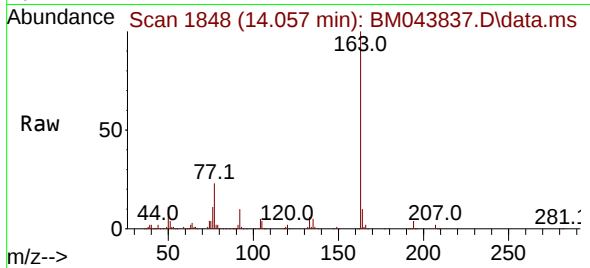
Tgt Ion: 65 Resp: 51113
Ion Ratio Lower Upper
65 100
92 62.1 52.3 78.5
138 90.3 82.6 123.8





#47
Dimethylphthalate
Concen: 3.822 ng/ul
RT: 14.057 min Scan# 1848
Delta R.T. -0.006 min
Lab File: BM043837.D
Acq: 15 Jan 2024 12:06

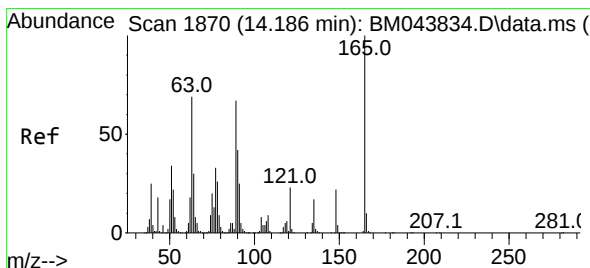
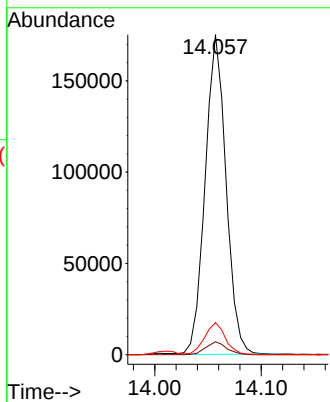
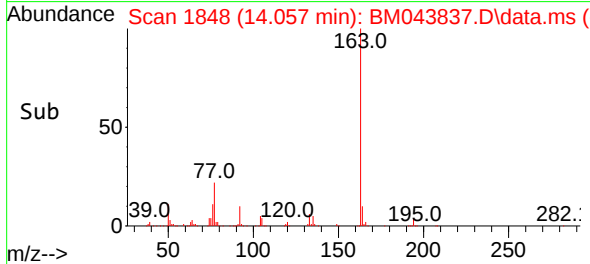
Instrument : BNA_M
ClientSampleId : MDL-SOIL-QT4-2023-08



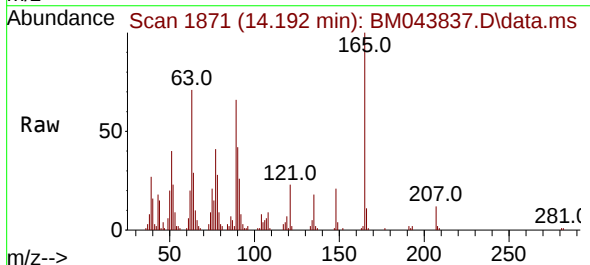
Tgt Ion:163 Resp: 238780
Ion Ratio Lower Upper
163 100
194 4.0 3.1 4.7
164 10.1 8.1 12.1

Manual Integrations
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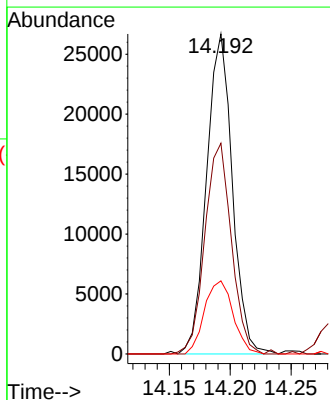
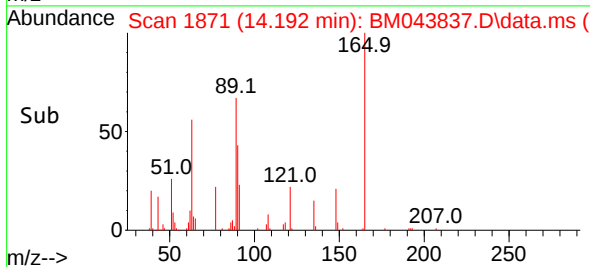
Reviewed By :Jagrut Upadhyay 01/16/2024
Supervised By :mohammad ahmed 01/17/2024

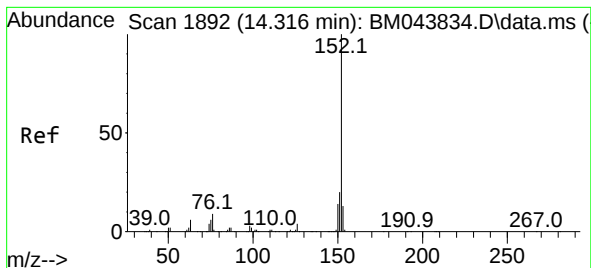


#48
2,6-Dinitrotoluene
Concen: 3.165 ng/ul
RT: 14.192 min Scan# 1871
Delta R.T. 0.000 min
Lab File: BM043837.D
Acq: 15 Jan 2024 12:06



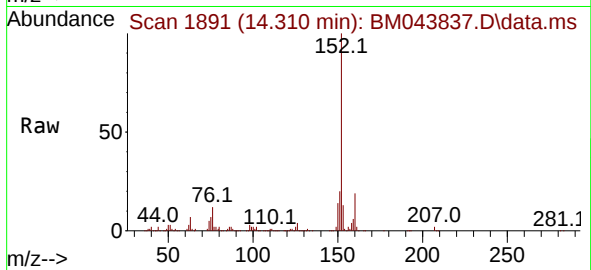
Tgt Ion:165 Resp: 39183
Ion Ratio Lower Upper
165 100
89 65.8 49.5 74.3
121 22.9 17.8 26.6





#50
Acenaphthylene
Concen: 3.893 ng/ul
RT: 14.310 min Scan# 1892
Delta R.T. -0.012 min
Lab File: BM043837.D
Acq: 15 Jan 2024 12:06

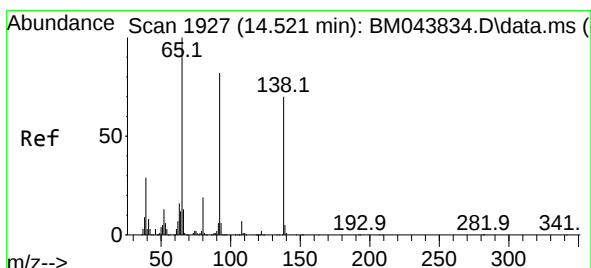
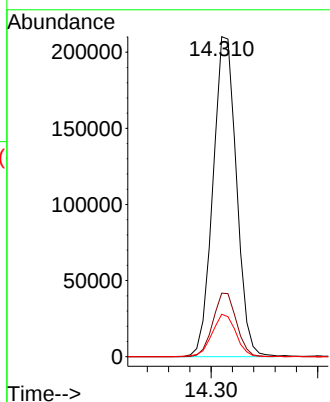
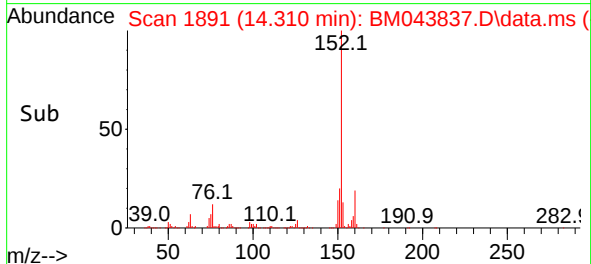
Instrument : BNA_M
ClientSampleId : MDL-SOIL-QT4-2023-08



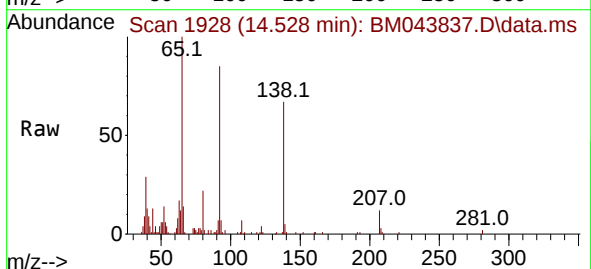
Tgt Ion:152 Resp: 321800
Ion Ratio Lower Upper
152 100
151 19.8 15.9 23.9
153 13.2 10.5 15.7

Manual Integrations
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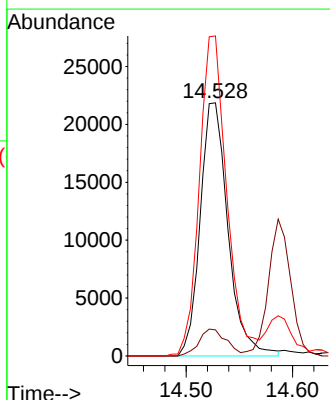
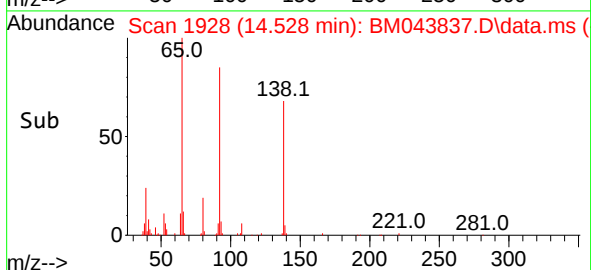
Reviewed By :Jagrut Upadhyay 01/16/2024
Supervised By :mohammad ahmed 01/17/2024

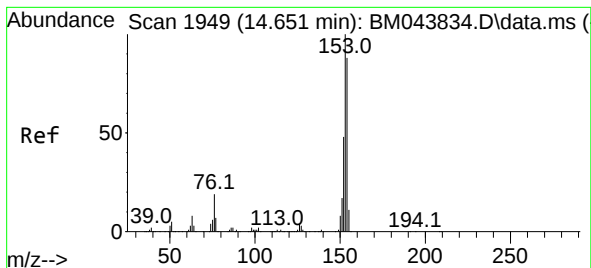


#51
3-Nitroaniline
Concen: 3.034 ng/ul
RT: 14.528 min Scan# 1928
Delta R.T. 0.006 min
Lab File: BM043837.D
Acq: 15 Jan 2024 12:06



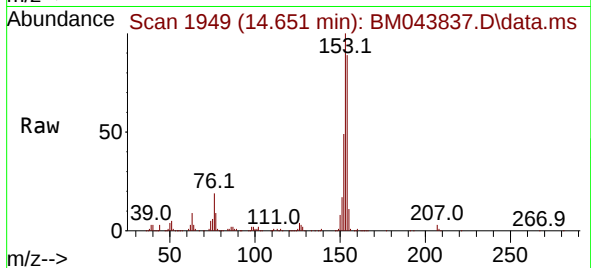
Tgt Ion:138 Resp: 39721
Ion Ratio Lower Upper
138 100
108 10.3 7.9 11.9
92 126.4 92.2 138.2





#52
Acenaphthene
Concen: 3.877 ng/ul
RT: 14.651 min Scan# 1949
Delta R.T. -0.006 min
Lab File: BM043837.D
Acq: 15 Jan 2024 12:06

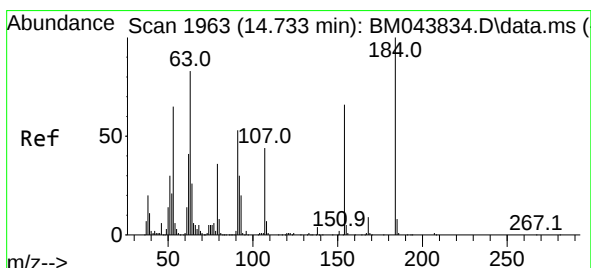
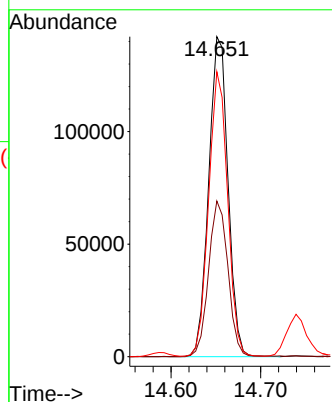
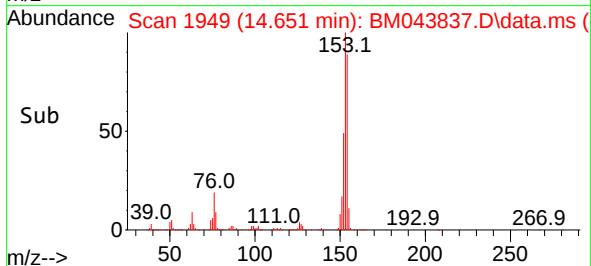
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT4-2023-08



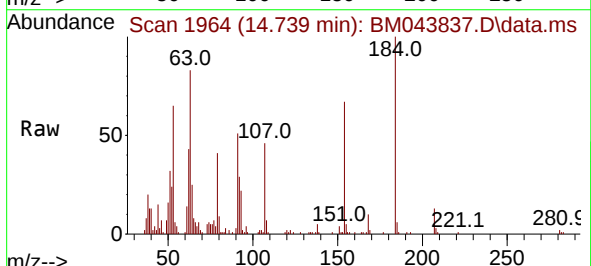
Tgt Ion:153 Resp: 21252
Ion Ratio Lower Upper
153 100
152 48.6 38.5 57.7
154 89.1 71.2 106.8

Manual Integrations
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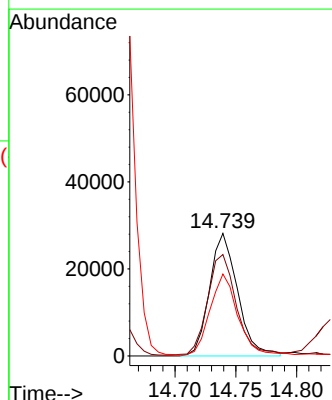
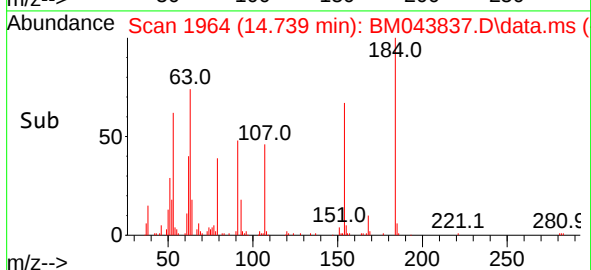
Reviewed By :Jagrut Upadhyay 01/16/2024
Supervised By :mohammad ahmed 01/17/2024

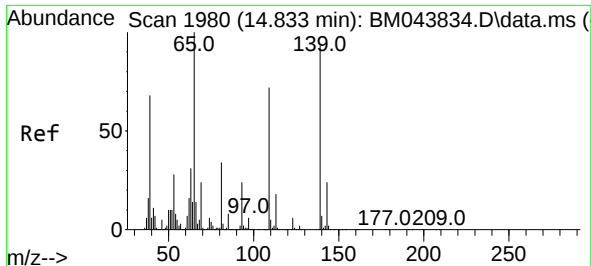


#53
2,4-Dinitrophenol
Concen: 5.874 ng/ul
RT: 14.739 min Scan# 1964
Delta R.T. 0.000 min
Lab File: BM043837.D
Acq: 15 Jan 2024 12:06



Tgt Ion:184 Resp: 45193
Ion Ratio Lower Upper
184 100
63 82.8 60.0 90.0
154 66.8 51.7 77.5





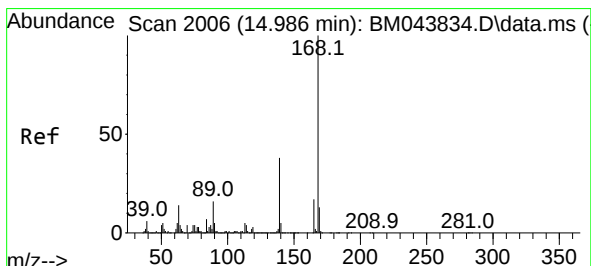
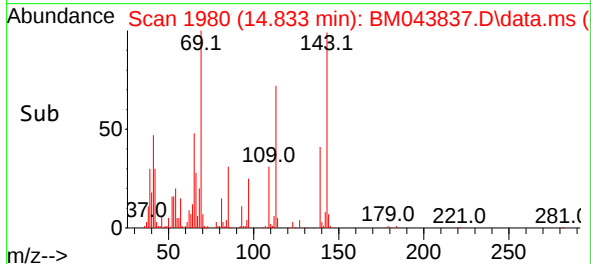
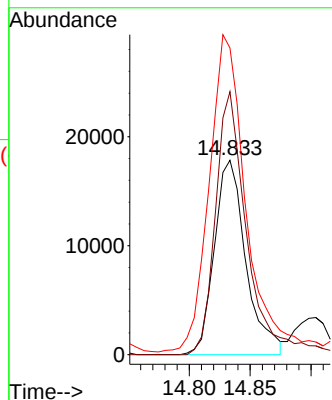
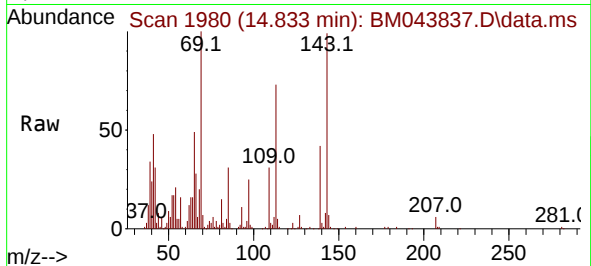
#55
4-Nitrophenol
Concen: 3.472 ng/ul
RT: 14.833 min Scan# 1980
Delta R.T. -0.006 min
Lab File: BM043837.D
Acq: 15 Jan 2024 12:06

Instrument : BNA_M
ClientSampleId : MDL-SOIL-QT4-2023-08

Tgt Ion:109 Resp: 32200
Ion Ratio Lower Upper
109 100
139 135.2 112.6 168.8
65 157.7 118.5 177.7

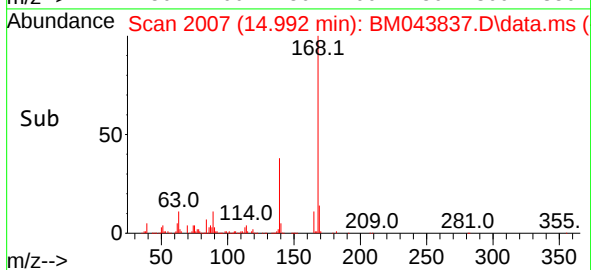
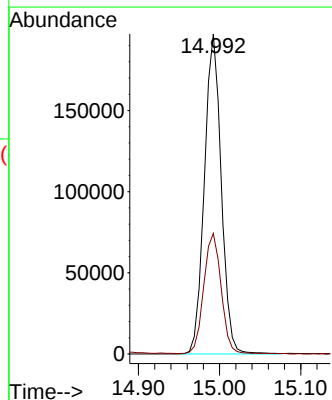
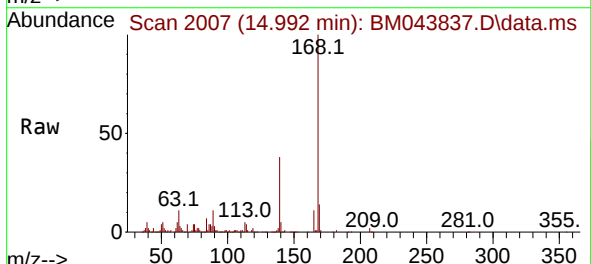
Manual Integrations
APPROVED

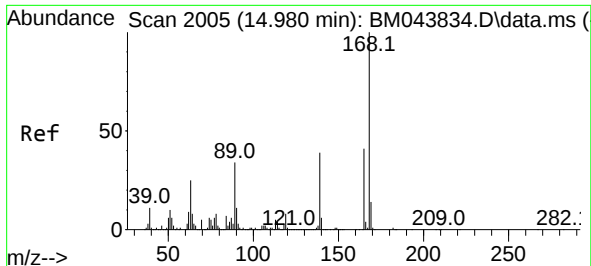
Reviewed By :Jagrut Upadhyay 01/16/2024
Supervised By :mohammad ahmed 01/17/2024



#56
Dibenzofuran
Concen: 3.855 ng/ul
RT: 14.992 min Scan# 2007
Delta R.T. 0.000 min
Lab File: BM043837.D
Acq: 15 Jan 2024 12:06

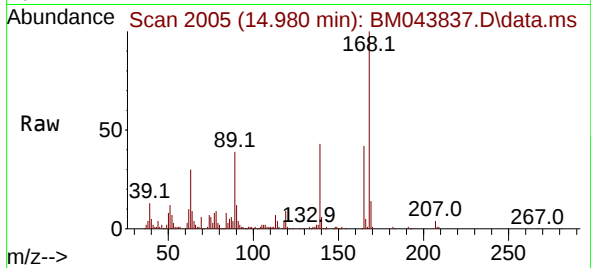
Tgt Ion:168 Resp: 283945
Ion Ratio Lower Upper
168 100
139 37.7 30.2 45.2





#57
2,4-Dinitrotoluene
Concen: 3.313 ng/ul
RT: 14.980 min Scan# 2005
Delta R.T. 0.000 min
Lab File: BM043837.D
Acq: 15 Jan 2024 12:06

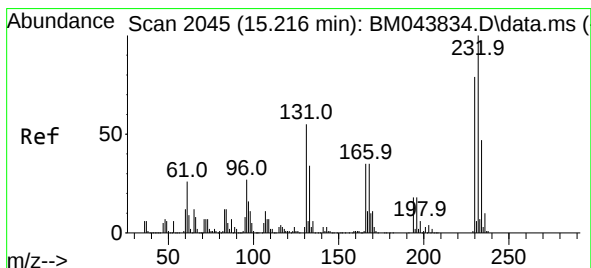
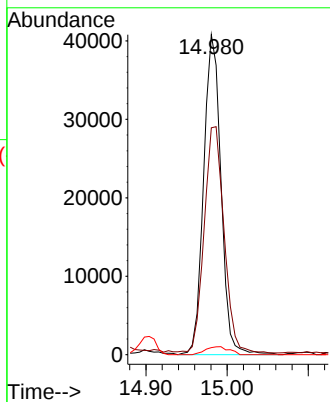
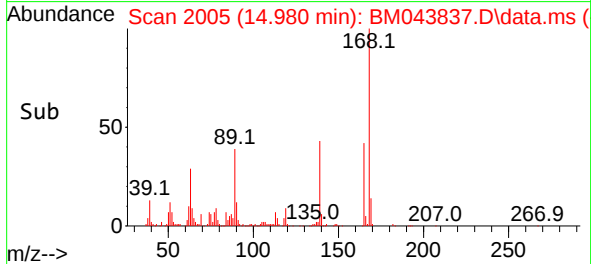
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT4-2023-08



Tgt Ion:165 Resp: 6043
Ion Ratio Lower Upper
165 100
63 70.9 45.7 68.5
182 2.2 2.0 3.0

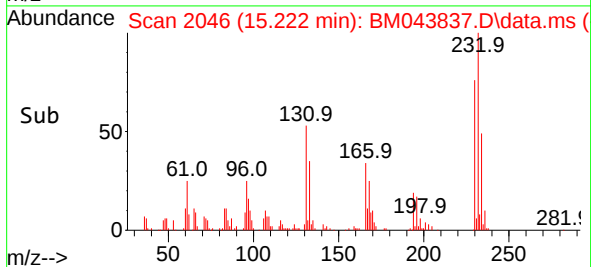
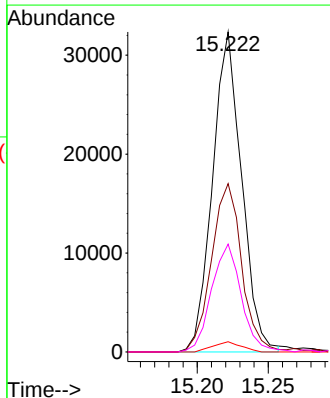
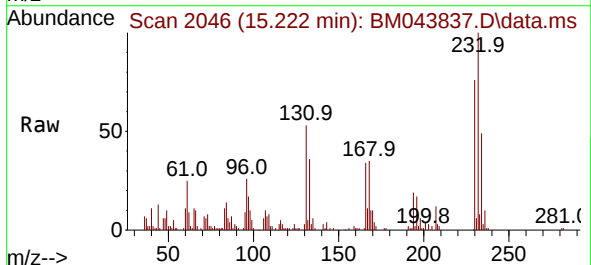
Manual Integrations
APPROVED

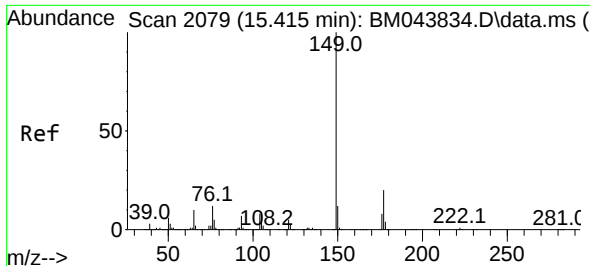
Reviewed By :Jagrut Upadhyay 01/16/2024
Supervised By :mohammad ahmed 01/17/2024



#58
2,3,4,6-Tetrachlorophenol
Concen: 3.324 ng/ul
RT: 15.222 min Scan# 2046
Delta R.T. 0.000 min
Lab File: BM043837.D
Acq: 15 Jan 2024 12:06

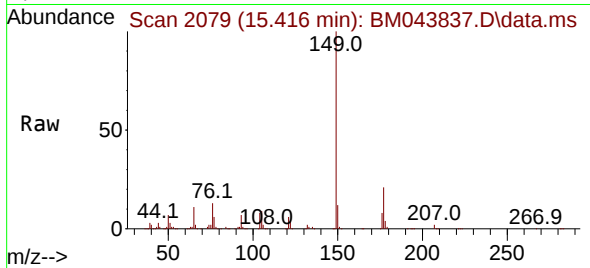
Tgt Ion:232 Resp: 46073
Ion Ratio Lower Upper
232 100
131 52.6 43.3 64.9
130 3.2 2.2 3.2
166 33.7 28.2 42.4





#59
Diethylphthalate
Concen: 3.584 ng/ul
RT: 15.416 min Scan# 2079
Delta R.T. -0.006 min
Lab File: BM043837.D
Acq: 15 Jan 2024 12:06

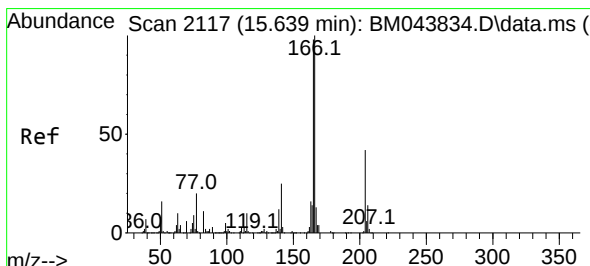
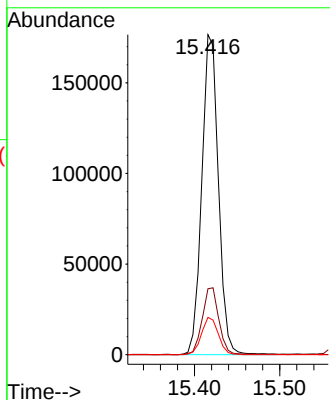
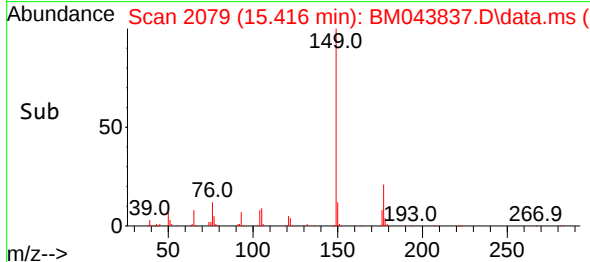
Instrument : BNA_M
ClientSampleId : MDL-SOIL-QT4-2023-08



Tgt Ion:149 Resp: 23865
Ion Ratio Lower Upper
149 100
177 20.6 17.1 25.7
150 11.6 9.7 14.5

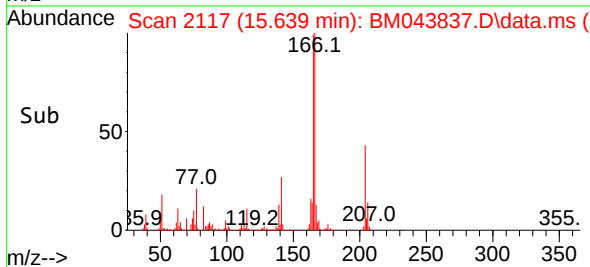
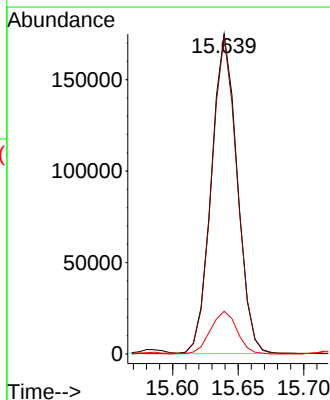
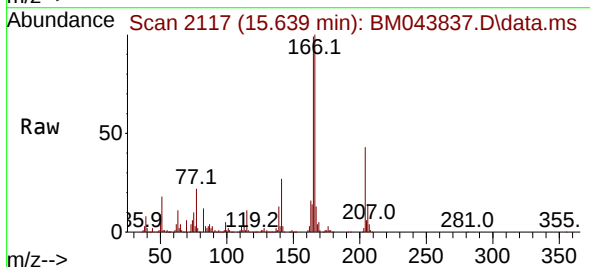
Manual Integrations
APPROVED

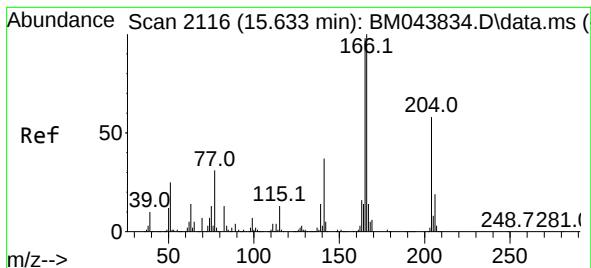
Reviewed By :Jagrut Upadhyay 01/16/2024
Supervised By :mohammad ahmed 01/17/2024



#61
Fluorene
Concen: 3.794 ng/ul
RT: 15.639 min Scan# 2117
Delta R.T. -0.006 min
Lab File: BM043837.D
Acq: 15 Jan 2024 12:06

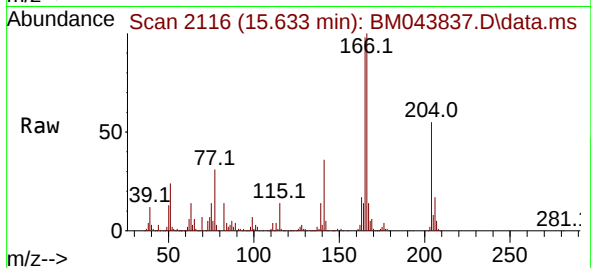
Tgt Ion:166 Resp: 239534
Ion Ratio Lower Upper
166 100
165 99.2 78.0 117.0
167 13.4 10.6 16.0





#62
4-Chlorophenyl-phenylether
Concen: 3.746 ng/ul
RT: 15.633 min Scan# 2116
Delta R.T. -0.006 min
Lab File: BM043837.D
Acq: 15 Jan 2024 12:06

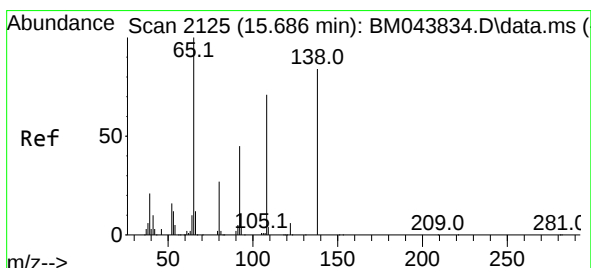
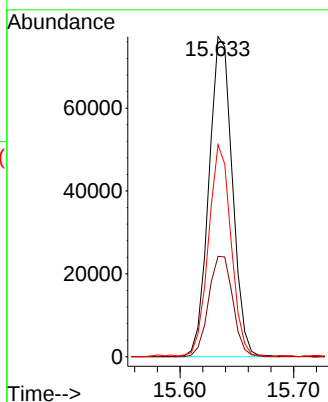
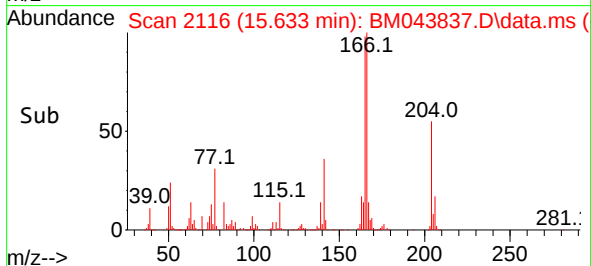
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT4-2023-08



Tgt Ion:204 Resp: 11072
Ion Ratio Lower Upper
204 100
206 31.3 26.4 39.6
141 66.3 50.3 75.5

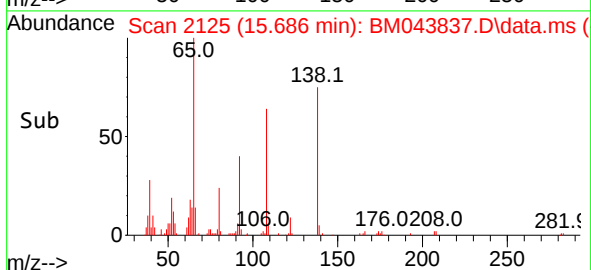
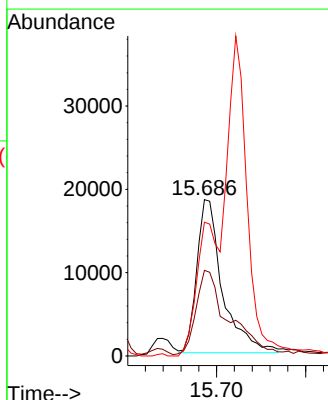
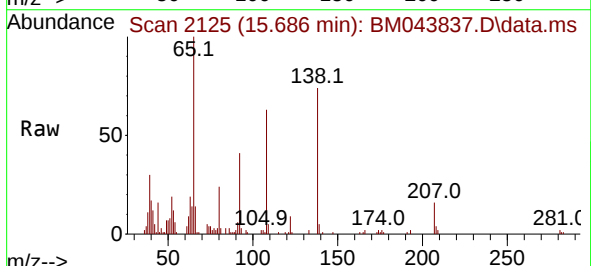
Manual Integrations
APPROVED

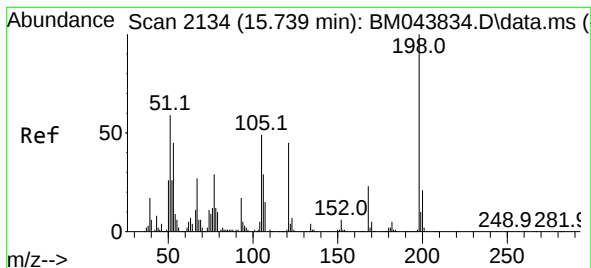
Reviewed By :Jagrut Upadhyay 01/16/2024
Supervised By :mohammad ahmed 01/17/2024



#63
4-Nitroaniline
Concen: 3.509 ng/ul m
RT: 15.686 min Scan# 2125
Delta R.T. 0.000 min
Lab File: BM043837.D
Acq: 15 Jan 2024 12:06

Tgt Ion:138 Resp: 36907
Ion Ratio Lower Upper
138 100
92 54.8 43.3 64.9
108 85.6 63.8 95.8





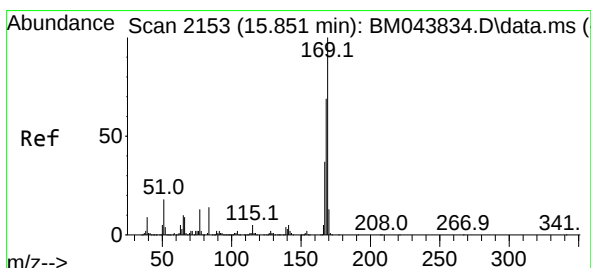
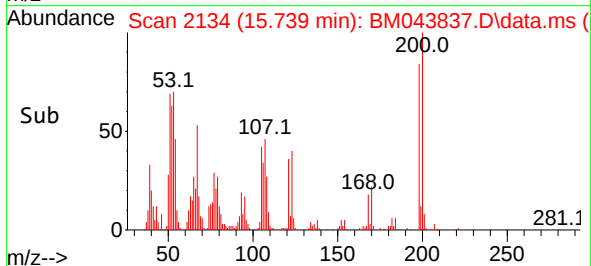
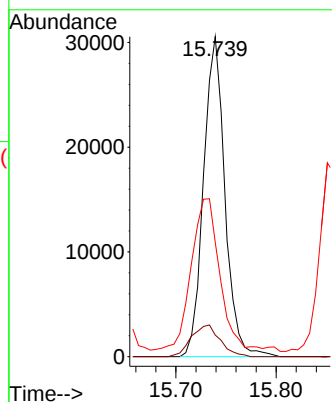
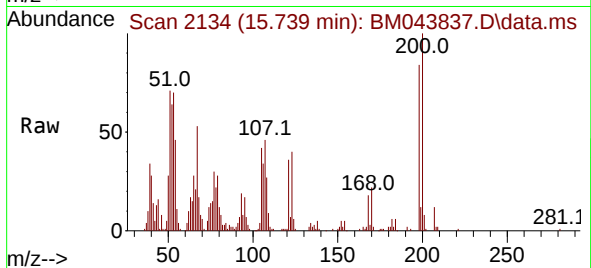
#66
4,6-Dinitro-2-methylphenol
Concen: 3.796 ng/ul
RT: 15.739 min Scan# 2134
Delta R.T. -0.006 min
Lab File: BM043837.D
Acq: 15 Jan 2024 12:06

Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT4-2023-08

Tgt Ion:198 Resp: 4534
Ion Ratio Lower Upper
198 100
182 6.8 3.4 5.2
77 35.7 21.4 32.2

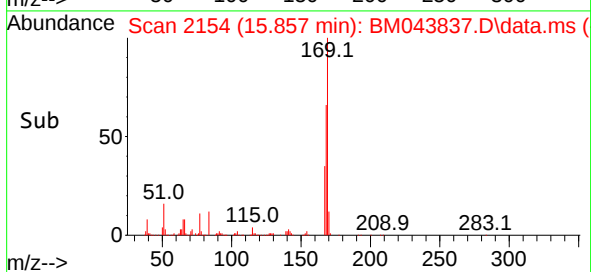
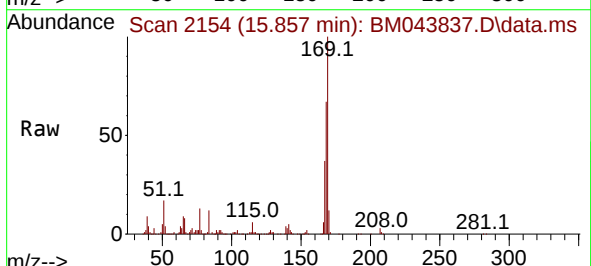
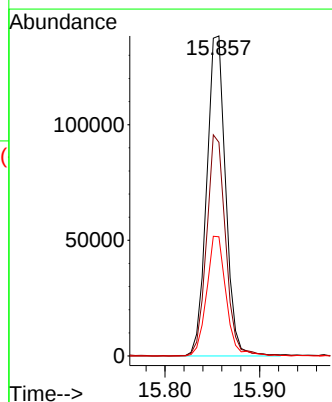
Manual Integrations
APPROVED

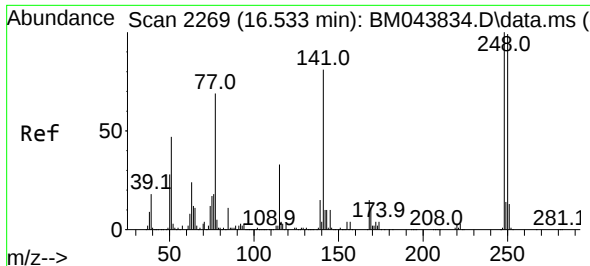
Reviewed By :Jagrut Upadhyay 01/16/2024
Supervised By :mohammad ahmed 01/17/2024



#67
N-Nitrosodiphenylamine
Concen: 3.710 ng/ul
RT: 15.857 min Scan# 2154
Delta R.T. 0.000 min
Lab File: BM043837.D
Acq: 15 Jan 2024 12:06

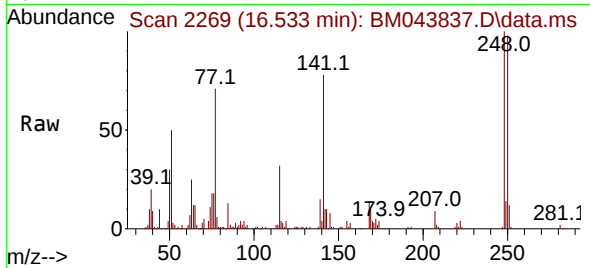
Tgt Ion:169 Resp: 191876
Ion Ratio Lower Upper
169 100
168 66.7 53.9 80.9
167 37.2 29.8 44.6





#68
4-Bromophenyl-phenylether
Concen: 3.565 ng/ul
RT: 16.533 min Scan# 2269
Delta R.T. 0.000 min
Lab File: BM043837.D
Acq: 15 Jan 2024 12:06

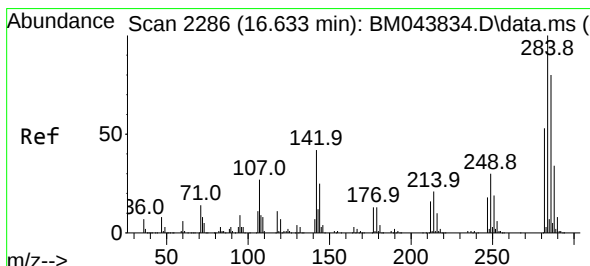
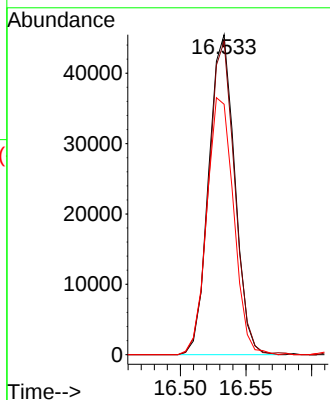
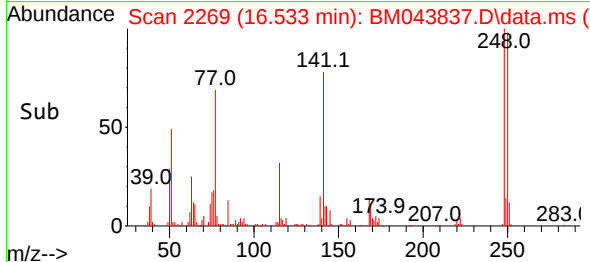
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT4-2023-08



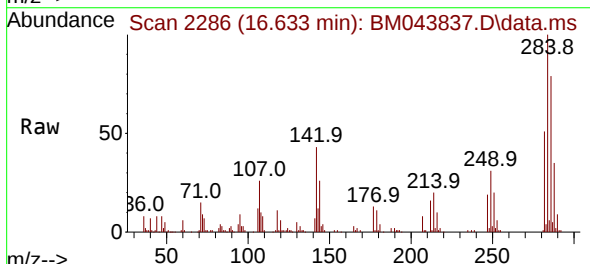
Tgt Ion:248 Resp: 6269
Ion Ratio Lower Upper
248 100
250 97.9 78.2 117.2
141 78.3 64.8 97.2

Manual Integrations
APPROVED

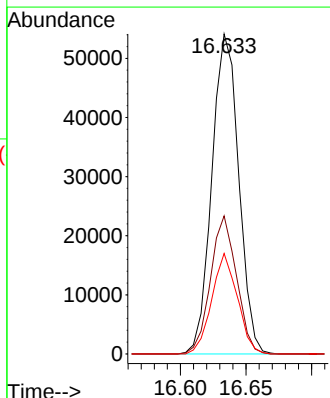
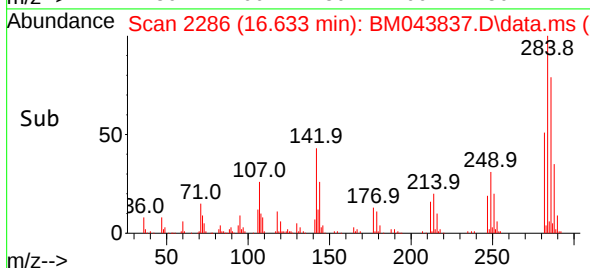
Reviewed By :Jagrut Upadhyay 01/16/2024
Supervised By :mohammad ahmed 01/17/2024

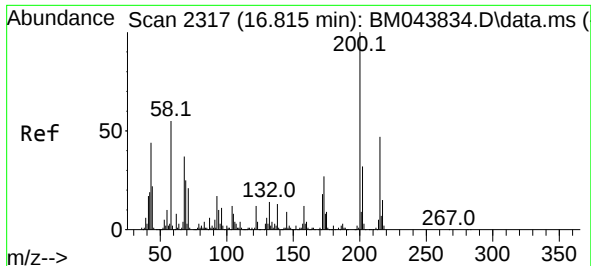


#69
Hexachlorobenzene
Concen: 3.719 ng/ul
RT: 16.633 min Scan# 2286
Delta R.T. -0.006 min
Lab File: BM043837.D
Acq: 15 Jan 2024 12:06



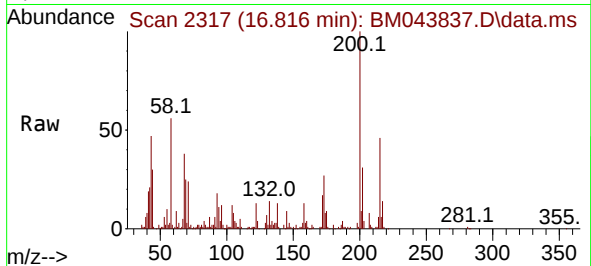
Tgt Ion:284 Resp: 77161
Ion Ratio Lower Upper
284 100
142 43.2 31.0 46.6
249 31.4 23.8 35.8





#70
Atrazine
Concen: 4.524 ng/ul
RT: 16.816 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM043837.D
Acq: 15 Jan 2024 12:06

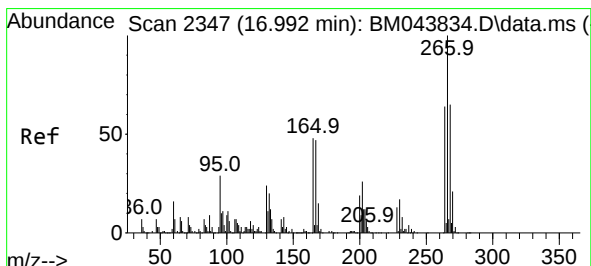
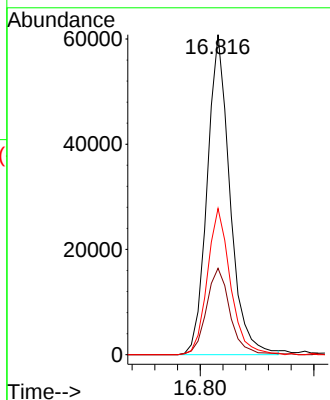
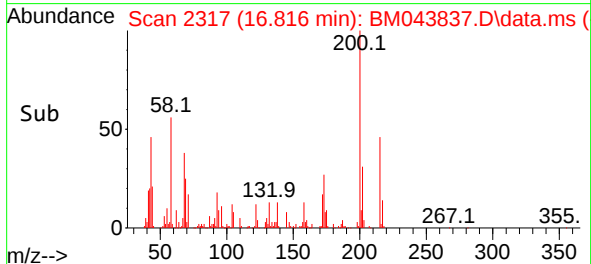
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT4-2023-08



Tgt Ion:200 Resp: 84644
Ion Ratio Lower Upper
200 100
173 27.0 22.0 33.0
215 45.7 38.7 58.1

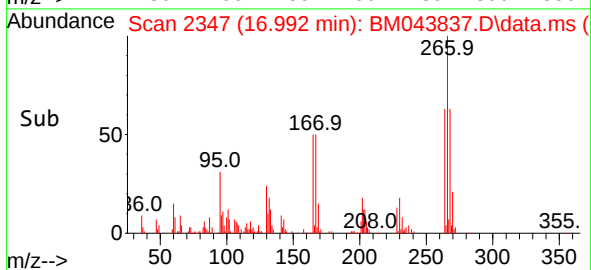
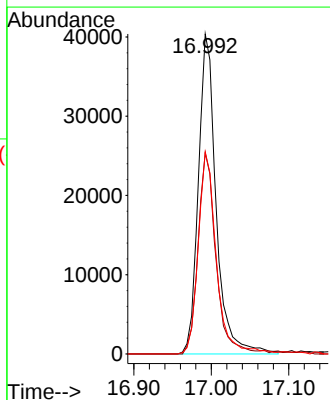
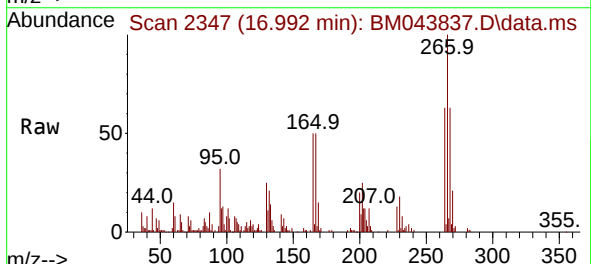
Manual Integrations
APPROVED

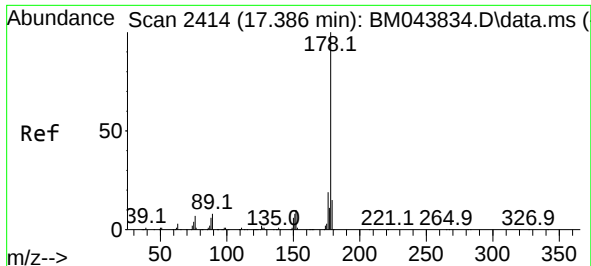
Reviewed By :Jagrut Upadhyay 01/16/2024
Supervised By :mohammad ahmed 01/17/2024



#71
Pentachlorophenol
Concen: 4.946 ng/ul
RT: 16.992 min Scan# 2347
Delta R.T. -0.006 min
Lab File: BM043837.D
Acq: 15 Jan 2024 12:06

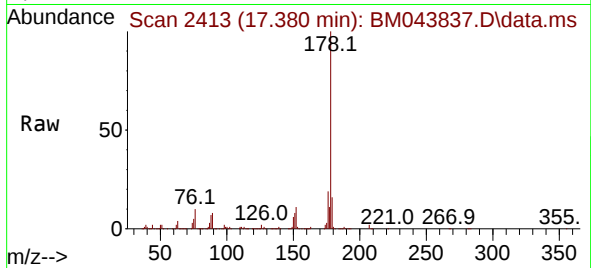
Tgt Ion:266 Resp: 64512
Ion Ratio Lower Upper
266 100
264 62.8 50.0 75.0
268 63.1 51.6 77.4





#72
Phenanthrene
Concen: 3.837 ng/u1
RT: 17.380 min Scan# 2413
Delta R.T. -0.006 min
Lab File: BM043837.D
Acq: 15 Jan 2024 12:06

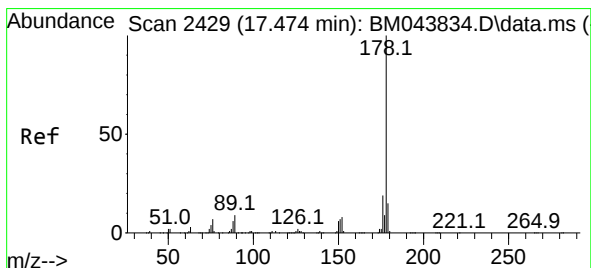
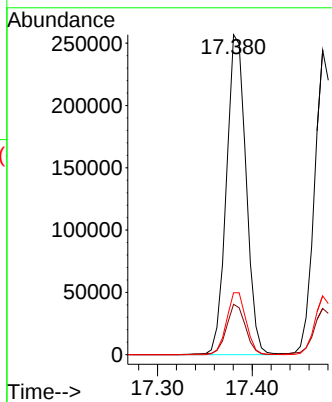
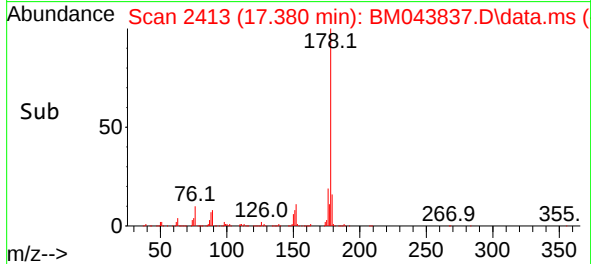
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT4-2023-08



Tgt Ion:178 Resp: 370370
Ion Ratio Lower Upper
178 100
179 15.7 12.6 18.8
176 19.3 15.6 23.4

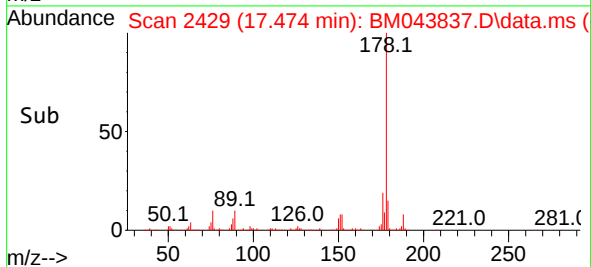
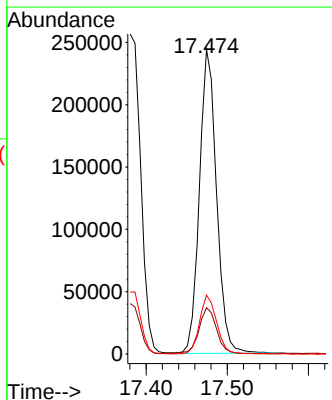
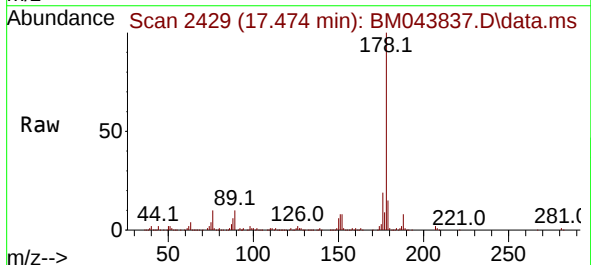
Manual Integrations
APPROVED

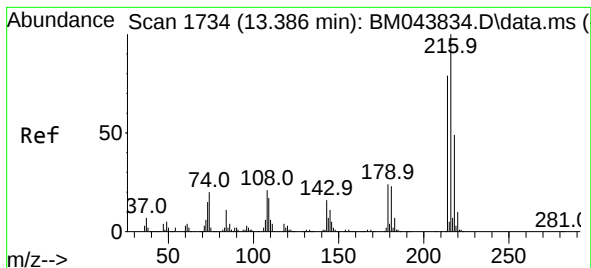
Reviewed By :Jagrut Upadhyay 01/16/2024
Supervised By :mohammad ahmed 01/17/2024



#74
Anthracene
Concen: 3.638 ng/u1
RT: 17.474 min Scan# 2429
Delta R.T. -0.006 min
Lab File: BM043837.D
Acq: 15 Jan 2024 12:06

Tgt Ion:178 Resp: 357380
Ion Ratio Lower Upper
178 100
179 15.2 12.3 18.5
176 19.3 15.2 22.8





#75

1,2,3,4-Tetrachlorobenzene

Concen: 3.770 ng/uL

RT: 13.386 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM043837.D

Acq: 15 Jan 2024 12:06

Instrument :

BNA_M

ClientSampleId :

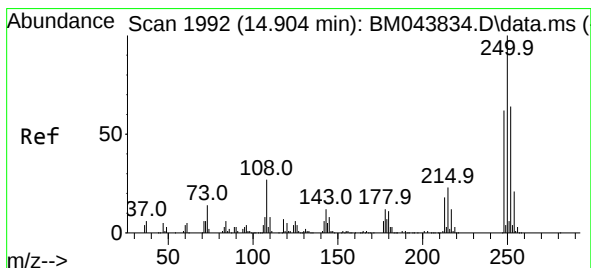
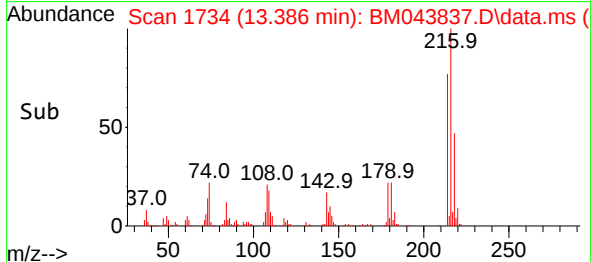
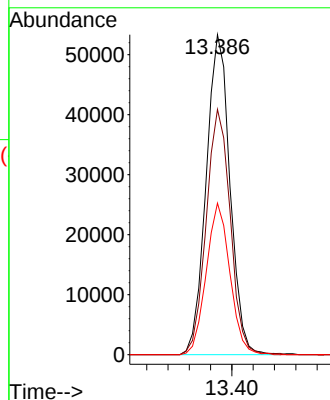
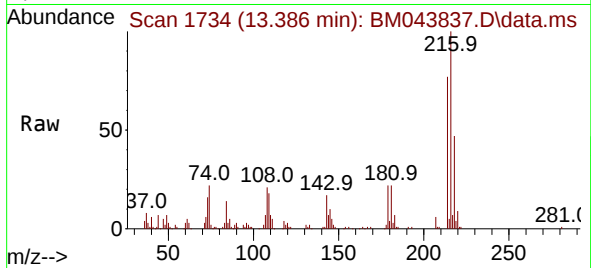
MDL-SOIL-QT4-2023-08

Tgt Ion:	216	Resp:	83062
Ion Ratio	Lower	Upper	
216	100		
214	76.7	62.5	93.7
218	47.3	38.1	57.1

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 01/16/2024
Supervised By :mohammad ahmed 01/17/2024



#76

Pentachlorobenzene

Concen: 4.041 ng/uL

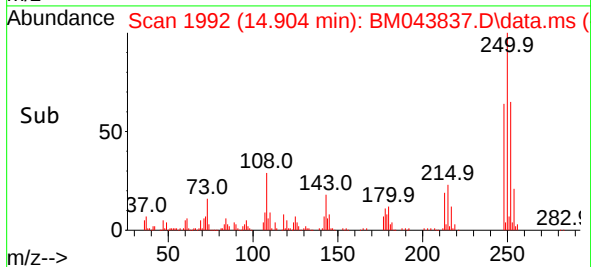
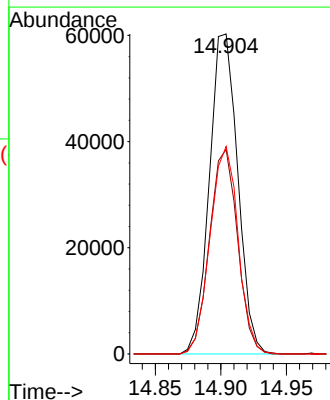
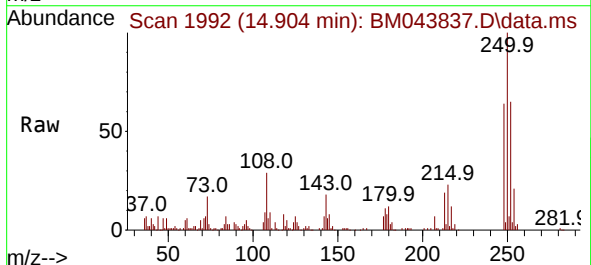
RT: 14.904 min Scan# 1992

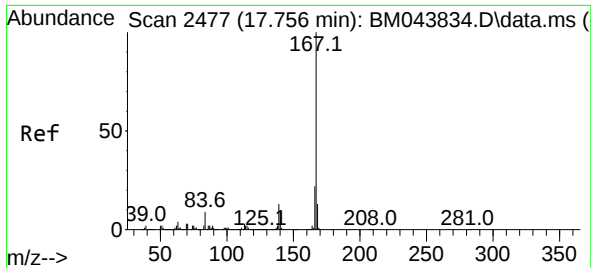
Delta R.T. 0.000 min

Lab File: BM043837.D

Acq: 15 Jan 2024 12:06

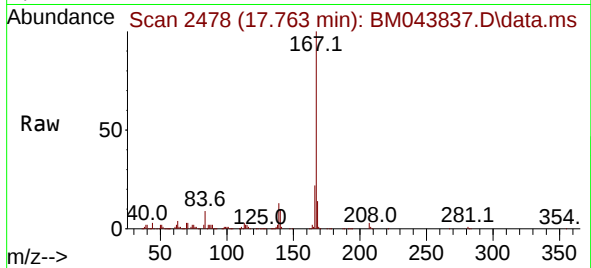
Tgt Ion:	250	Resp:	90862
Ion Ratio	Lower	Upper	
250	100		
248	63.9	49.4	74.0
252	64.8	50.6	75.8





#77
 Carbazole
 Concen: 3.418 ng/ul
 RT: 17.763 min Scan# 2477
 Delta R.T. 0.000 min
 Lab File: BM043837.D
 Acq: 15 Jan 2024 12:06

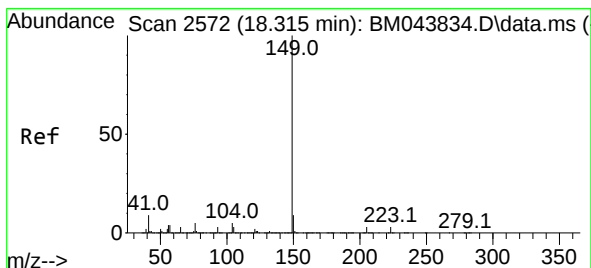
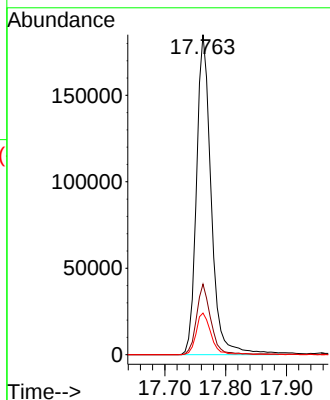
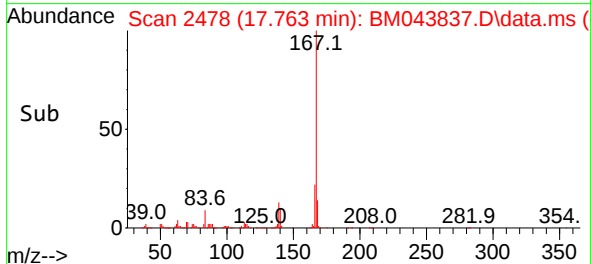
Instrument :
 BNA_M
 ClientSampleId :
 MDL-SOIL-QT4-2023-08



Tgt Ion:167 Resp: 311210
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.4 26.2
 139 13.0 10.4 15.6

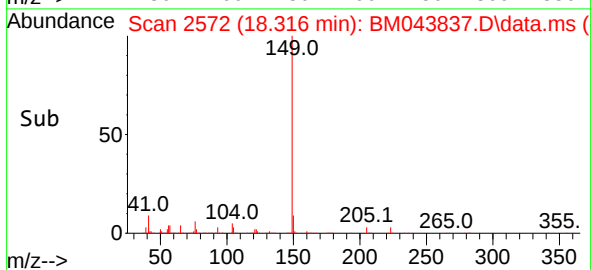
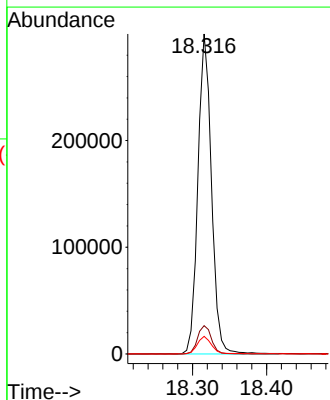
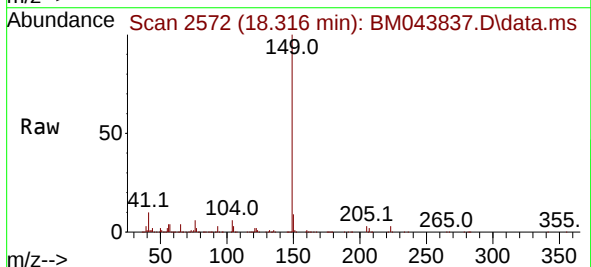
Manual Integrations
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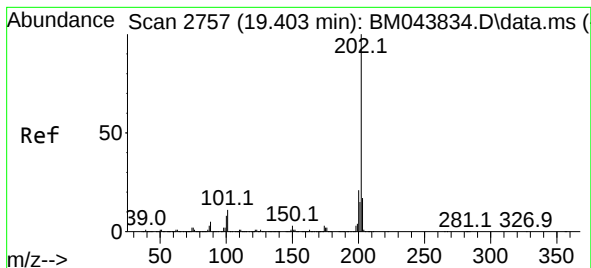
Reviewed By :Jagrut Upadhyay 01/16/2024
 Supervised By :mohammad ahmed 01/17/2024



#78
 Di-n-butylphthalate
 Concen: 3.075 ng/ul
 RT: 18.316 min Scan# 2572
 Delta R.T. -0.006 min
 Lab File: BM043837.D
 Acq: 15 Jan 2024 12:06

Tgt Ion:149 Resp: 380219
 Ion Ratio Lower Upper
 149 100
 150 8.8 7.3 10.9
 104 5.5 3.8 5.8





#80

Fluoranthene

Concen: 3.760 ng/ul

RT: 19.404 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM043837.D

Acq: 15 Jan 2024 12:06

Instrument :

BNA_M

ClientSampleId :

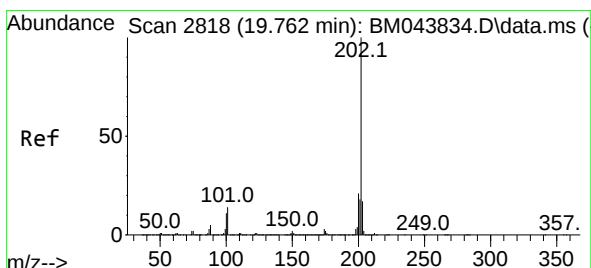
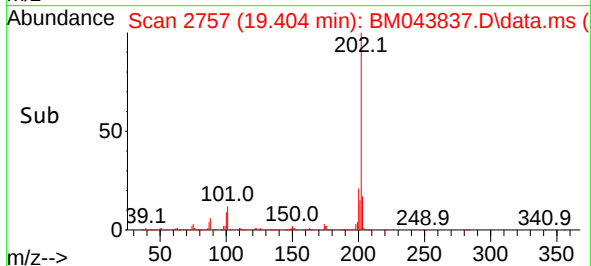
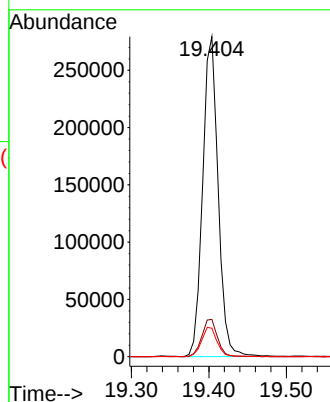
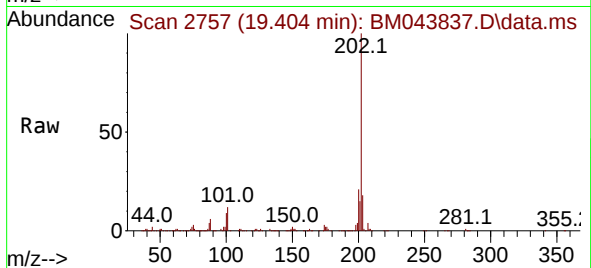
MDL-SOIL-QT4-2023-08

Tgt Ion:202 Resp: 386463
 Ion Ratio Lower Upper
 202 100
 101 11.7 9.4 14.2
 100 8.9 7.0 10.6

Manual Integrations

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Reviewed By :Jagrut Upadhyay 01/16/2024
 Supervised By :mohammad ahmed 01/17/2024



#82

Pyrene

Concen: 4.041 ng/ul

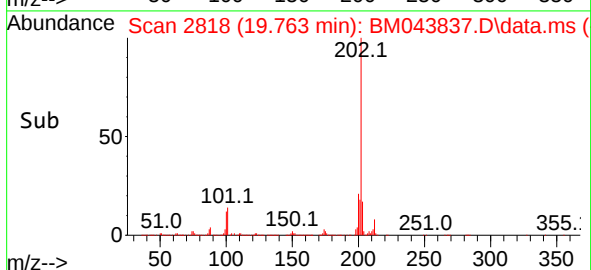
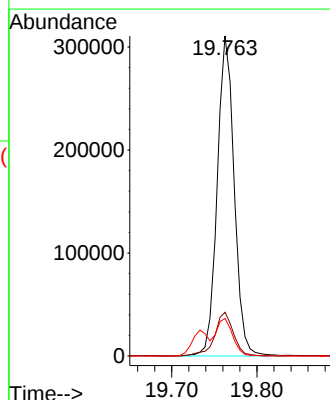
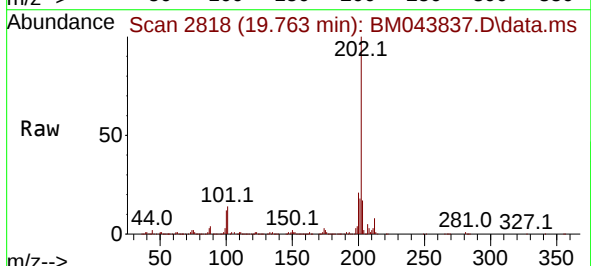
RT: 19.763 min Scan# 2818

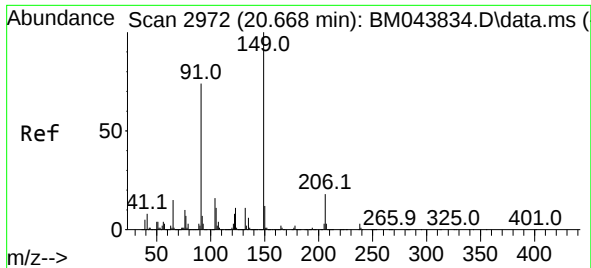
Delta R.T. -0.006 min

Lab File: BM043837.D

Acq: 15 Jan 2024 12:06

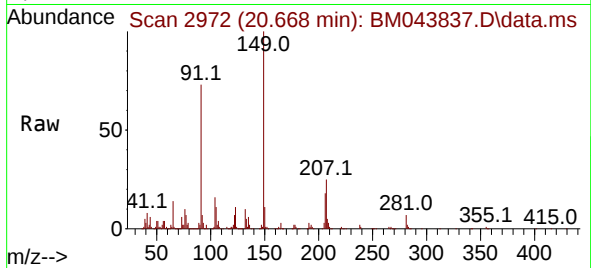
Tgt Ion:202 Resp: 430497
 Ion Ratio Lower Upper
 202 100
 101 13.7 10.7 16.1
 100 11.7 8.6 12.8





#83
Butylbenzylphthalate
Concen: 3.152 ng/ul
RT: 20.668 min Scan# 2972
Delta R.T. -0.006 min
Lab File: BM043837.D
Acq: 15 Jan 2024 12:06

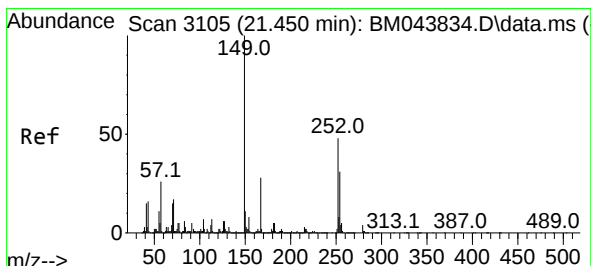
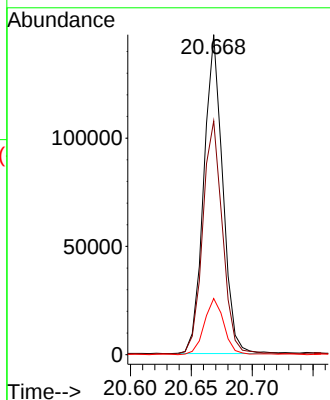
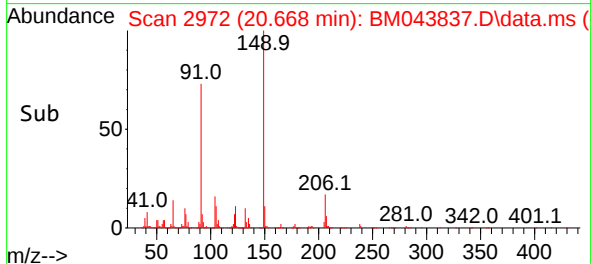
Instrument : BNA_M
ClientSampleId : MDL-SOIL-QT4-2023-08



Tgt Ion:149 Resp: 15875
Ion Ratio Lower Upper
149 100
91 73.1 56.5 84.7
206 17.6 15.5 23.3

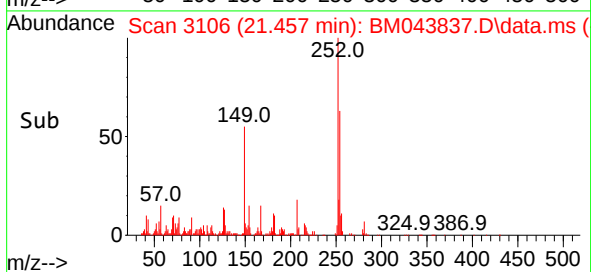
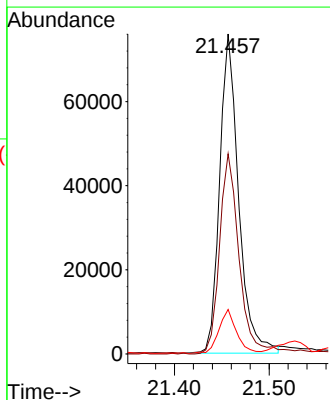
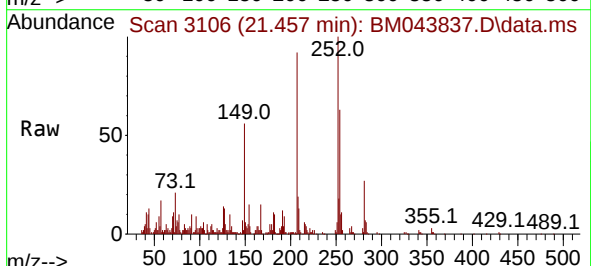
Manual Integrations
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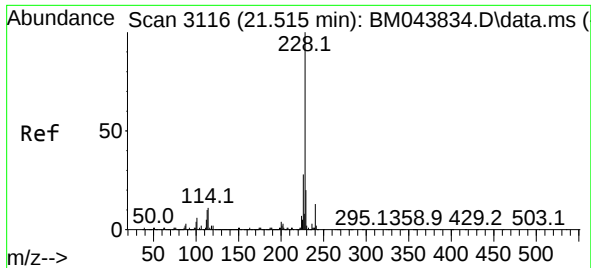
Reviewed By :Jagrut Upadhyay 01/16/2024
Supervised By :mohammad ahmed 01/17/2024



#84
3,3'-Dichlorobenzidine
Concen: 3.230 ng/ul
RT: 21.457 min Scan# 3106
Delta R.T. 0.000 min
Lab File: BM043837.D
Acq: 15 Jan 2024 12:06

Tgt Ion:252 Resp: 105780
Ion Ratio Lower Upper
252 100
254 62.5 52.1 78.1
126 13.9 9.8 14.8





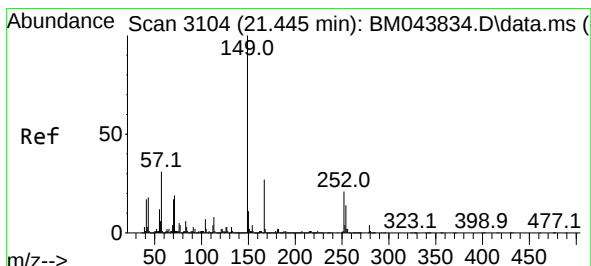
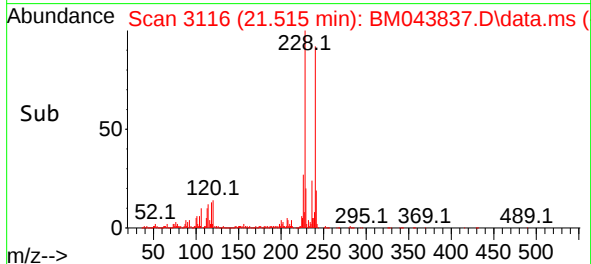
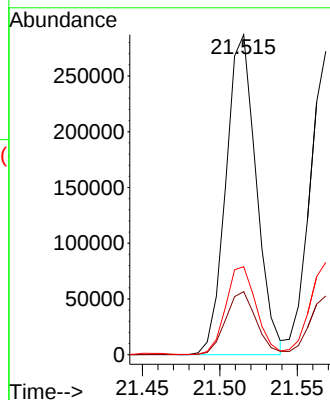
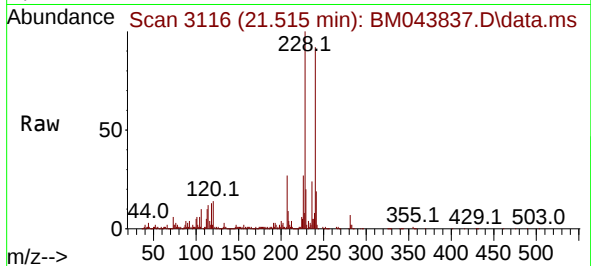
#85
Benzo(a)anthracene
Concen: 3.762 ng/ul
RT: 21.515 min Scan# 3116
Delta R.T. -0.006 min
Lab File: BM043837.D
Acq: 15 Jan 2024 12:06

Instrument : BNA_M
ClientSampleId :
MDL-SOIL-QT4-2023-08

Tgt Ion:228 Resp: 39067
Ion Ratio Lower Upper
228 100
229 19.7 15.5 23.3
226 27.5 22.3 33.5

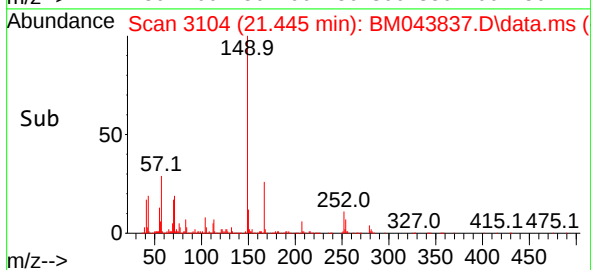
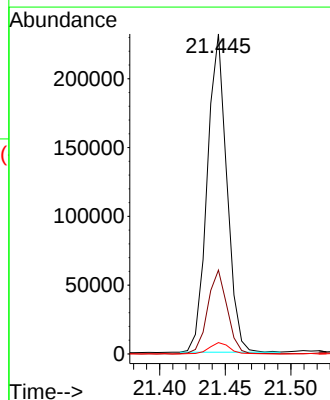
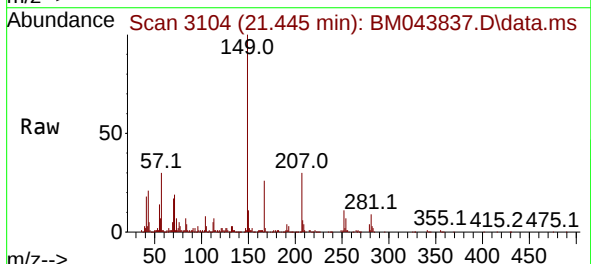
Manual Integrations
APPROVED

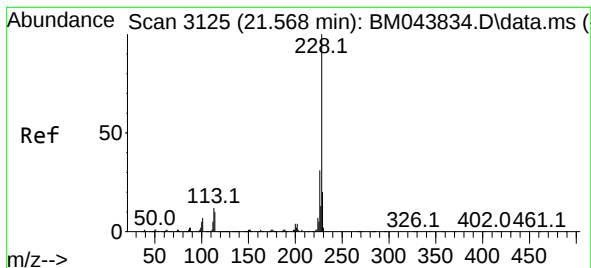
Reviewed By :Jagrut Upadhyay 01/16/2024
Supervised By :mohammad ahmed 01/17/2024



#86
Bis(2-ethylhexyl)phthalate
Concen: 2.993 ng/ul
RT: 21.445 min Scan# 3104
Delta R.T. 0.000 min
Lab File: BM043837.D
Acq: 15 Jan 2024 12:06

Tgt Ion:149 Resp: 240116
Ion Ratio Lower Upper
149 100
167 26.2 21.5 32.3
279 3.6 2.8 4.2





#87

Chrysene

Concen: 3.875 ng/ul

RT: 21.568 min Scan# 3125

Delta R.T. -0.006 min

Lab File: BM043837.D

Acq: 15 Jan 2024 12:06

Instrument :

BNA_M

ClientSampleId :

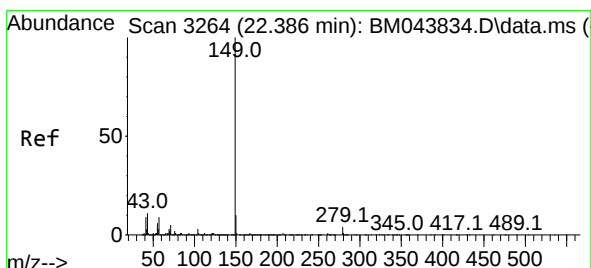
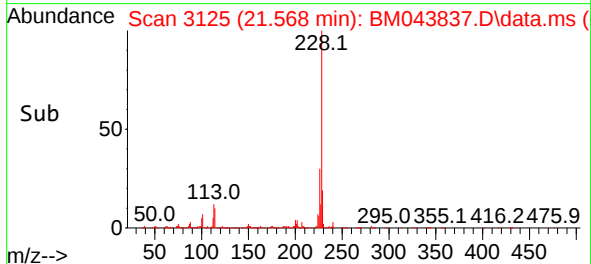
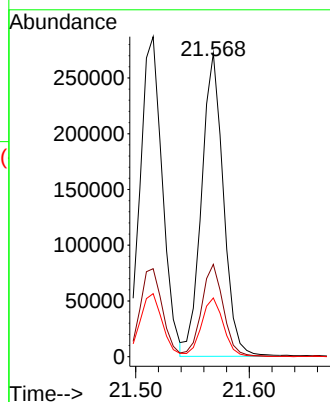
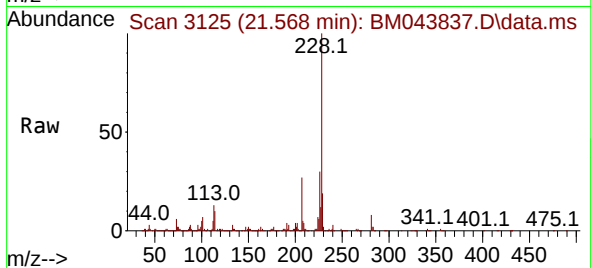
MDL-SOIL-QT4-2023-08

Tgt Ion:228 Resp: 363310
 Ion Ratio Lower Upper
 228 100
 226 30.4 24.6 36.8
 229 19.3 15.8 23.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 01/16/2024
 Supervised By :mohammad ahmed 01/17/2024



#89

Di-n-octyl phthalate

Concen: 2.874 ng/ul

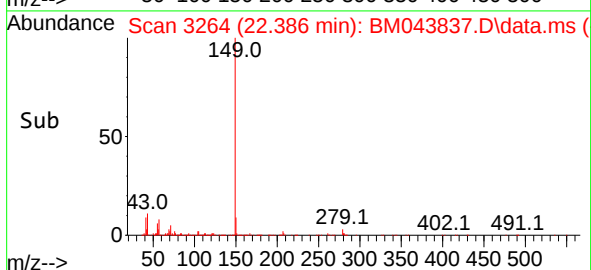
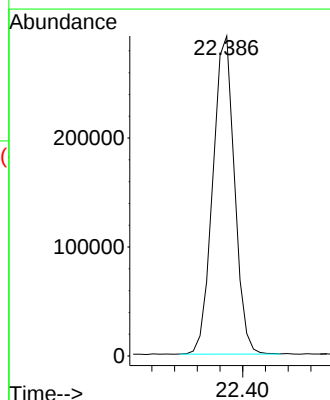
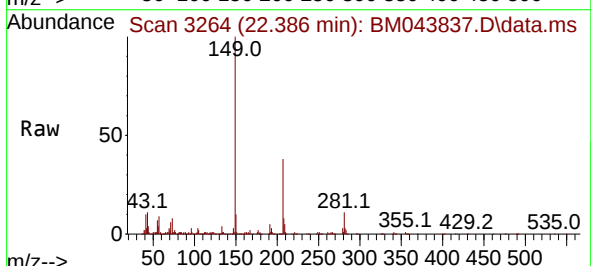
RT: 22.386 min Scan# 3264

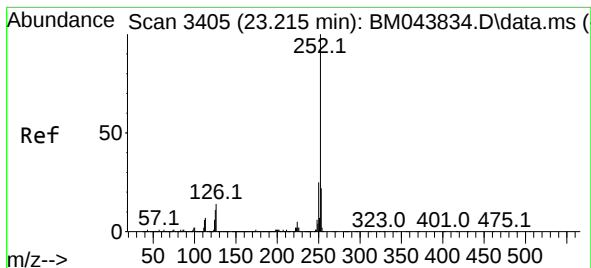
Delta R.T. 0.000 min

Lab File: BM043837.D

Acq: 15 Jan 2024 12:06

Tgt Ion:149 Resp: 387142





#90

Benzo(b)fluoranthene

Concen: 3.670 ng/ul

RT: 23.209 min Scan# 3405

Delta R.T. -0.012 min

Lab File: BM043837.D

Acq: 15 Jan 2024 12:06

Instrument :

BNA_M

ClientSampleId :

MDL-SOIL-QT4-2023-08

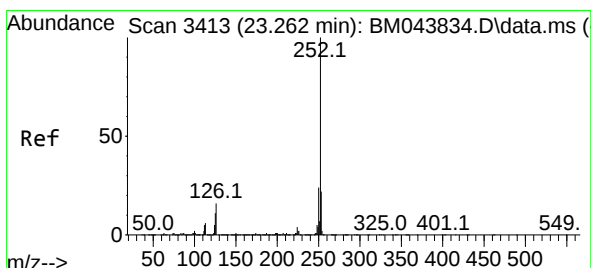
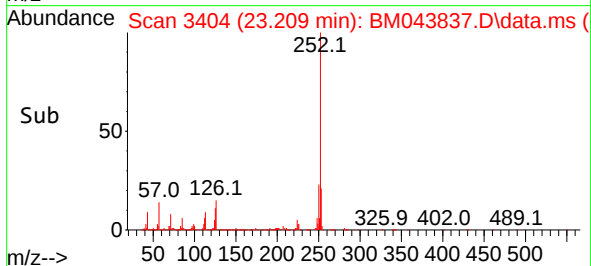
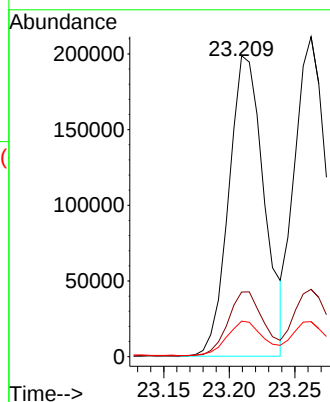
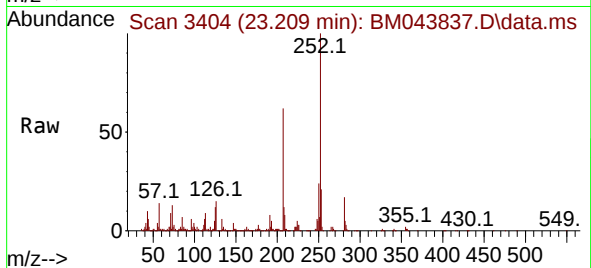
Tgt Ion:252 Resp: 37224

Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.4	26.2
125	11.8	8.6	12.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 01/16/2024
Supervised By :mohammad ahmed 01/17/2024



#91

Benzo(k)fluoranthene

Concen: 3.683 ng/ul

RT: 23.262 min Scan# 3413

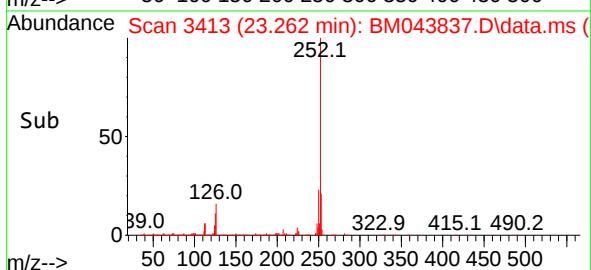
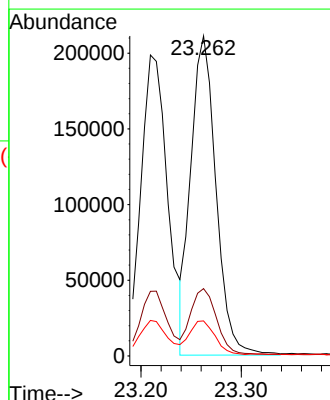
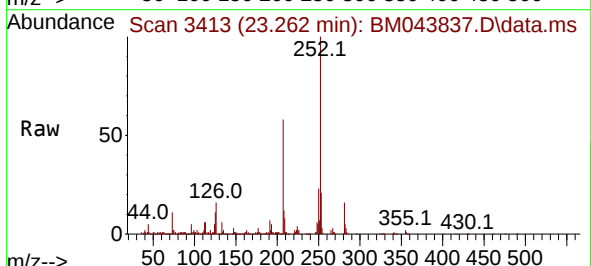
Delta R.T. -0.006 min

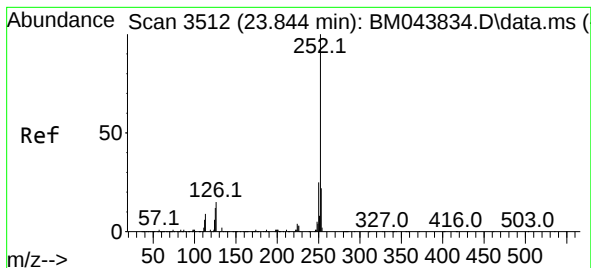
Lab File: BM043837.D

Acq: 15 Jan 2024 12:06

Tgt Ion:252 Resp: 367904

Ion	Ratio	Lower	Upper
252	100		
253	21.1	17.5	26.3
125	11.0	8.6	13.0





#93

Benzo(a)pyrene

Concen: 3.815 ng/ul

RT: 23.845 min Scan# 3

Delta R.T. -0.006 min

Lab File: BM043837.D

Acq: 15 Jan 2024 12:06

Instrument :

BNA_M

ClientSampleId :

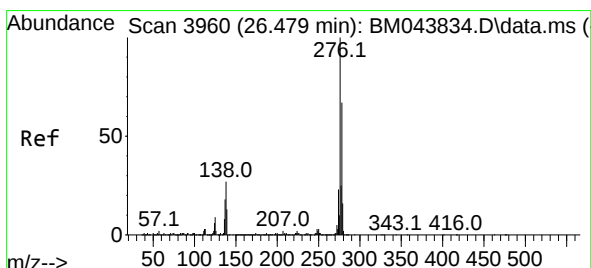
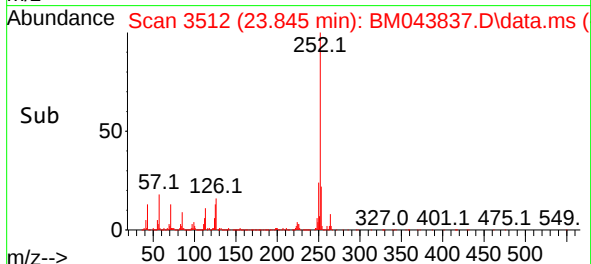
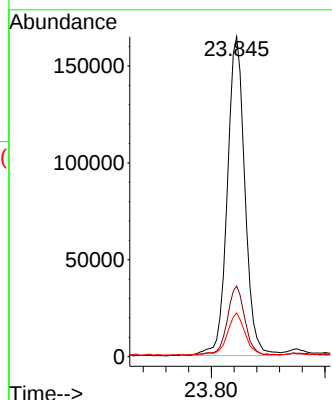
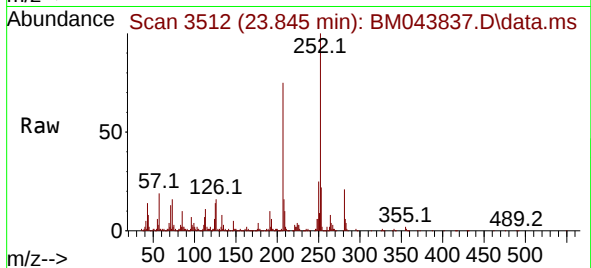
MDL-SOIL-QT4-2023-08

Tgt Ion:	252	Resp:	35421
Ion Ratio	Lower	Upper	
252	100		
253	22.1	17.5	26.3
125	13.7	9.7	14.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 01/16/2024
Supervised By :mohammad ahmed 01/17/2024



#94

Indeno(1,2,3-cd)pyrene

Concen: 3.709 ng/ul

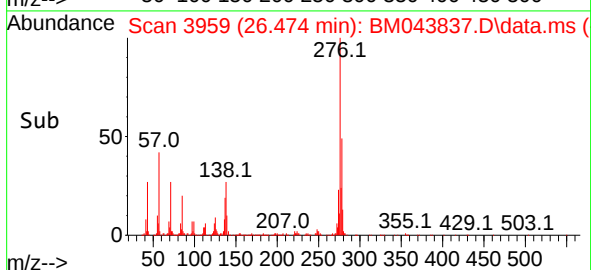
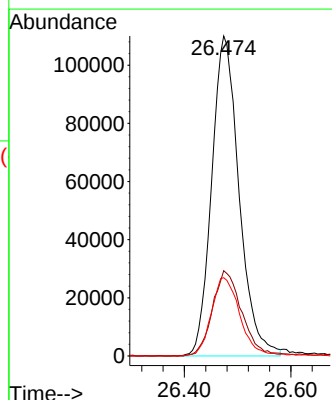
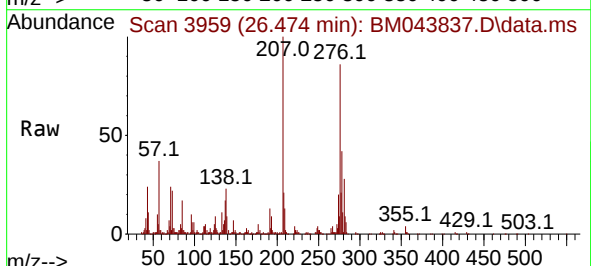
RT: 26.474 min Scan# 3959

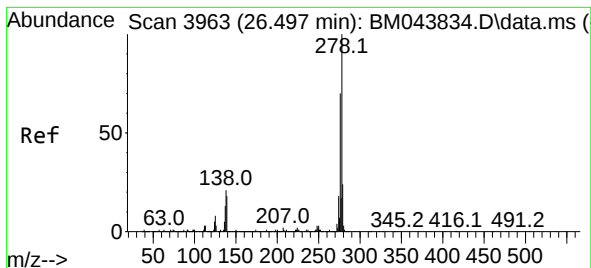
Delta R.T. -0.012 min

Lab File: BM043837.D

Acq: 15 Jan 2024 12:06

Tgt Ion:	276	Resp:	393025
Ion Ratio	Lower	Upper	
276	100		
138	26.6	21.4	32.0
277	24.5	20.2	30.2





#95

Dibenzo(a,h)anthracene

Concen: 3.697 ng/ul

RT: 26.497 min Scan# 3963

Delta R.T. -0.006 min

Lab File: BM043837.D

Acq: 15 Jan 2024 12:06

Instrument :

BNA_M

ClientSampleId :

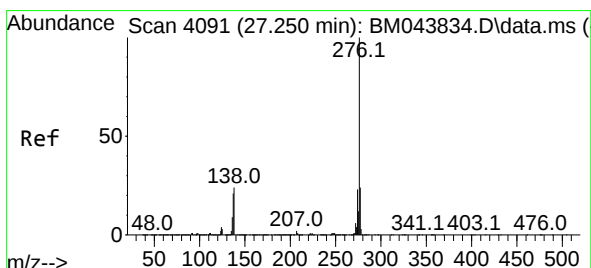
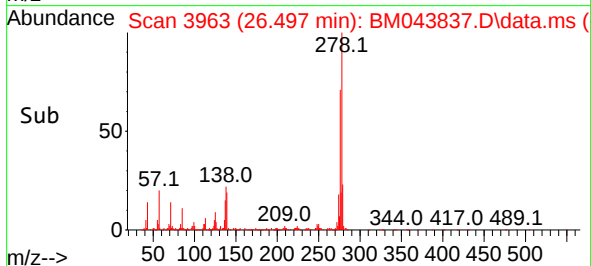
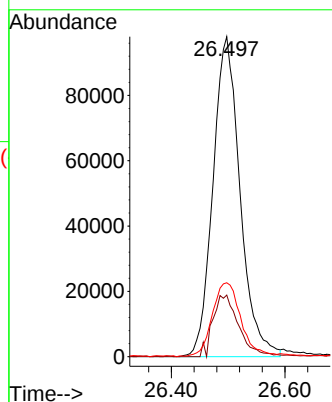
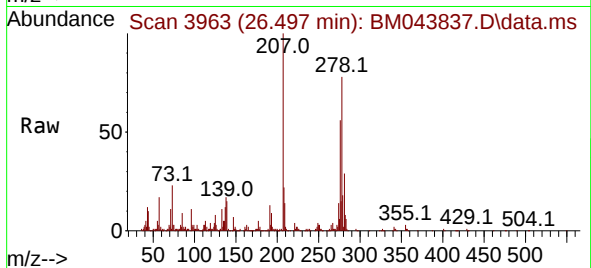
MDL-SOIL-QT4-2023-08

Tgt Ion:	278	Resp:	32455
Ion Ratio	Lower	Upper	
278	100		
139	19.3	14.4	21.6
279	23.1	19.0	28.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 01/16/2024
Supervised By :mohammad ahmed 01/17/2024



#96

Benzo(g,h,i)perylene

Concen: 3.895 ng/ul

RT: 27.250 min Scan# 4091

Delta R.T. -0.006 min

Lab File: BM043837.D

Acq: 15 Jan 2024 12:06

Tgt Ion:	276	Resp:	313408
Ion Ratio	Lower	Upper	
276	100		
138	23.4	19.1	28.7
277	22.6	19.1	28.7

