

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM011224\
 Data File : BM043827.D
 Acq On : 12 Jan 2024 13:55
 Operator : MA/JU
 Sample : 04696-05
 Misc : SFAM-MDL-ME-SOIL-01
 ALS Vial : 6 Sample Multiplier: 1

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

Quant Time: Jan 13 00:47:55 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	7.945	152	244152	20.000	ng/u1	0.00
20) Naphthalene-d8	10.757	136	1114250	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.586	164	734062	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.339	188	1558594	20.000	ng/u1	0.00
79) Chrysene-d12	21.527	240	1379677	20.000	ng/u1	0.00
88) Perylene-d12	23.950	264	1479345	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.351	96	35121	5.554	ng/uL	0.00
4) Pyridine-d5	3.781	84	494334	25.378	ng/u1	0.00
7) Phenol-d5	7.116	99	568365	23.003	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.287	67	376625	24.460	ng/u1	0.00
11) 2-Chlorophenol-d4	7.475	132	437777	24.356	ng/u1	0.00
15) 4-Methylphenol-d8	8.663	113	453883	23.061	ng/u1	-0.01
21) Nitrobenzene-d5	9.122	128	227037	24.313	ng/u1	0.00
24) 2-Nitrophenol-d4	9.845	143	248937	23.674	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.380	165	430598	22.867	ng/u1	0.00
31) 4-Chloroaniline-d4	10.910	131	647384	21.707	ng/u1	0.00
46) Dimethylphthalate-d6	14.010	166	1456078	23.681	ng/u1	0.00
49) Acenaphthylene-d8	14.286	160	1707496	24.380	ng/u1	0.00
54) 4-Nitrophenol-d4	14.815	143	243613	20.257	ng/u1	-0.01
60) Fluorene-d10	15.580	176	1283707	24.809	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.721	200	202678	18.418	ng/u1	0.00
73) Anthracene-d10	17.439	188	1891120	23.843	ng/u1	0.00
81) Pyrene-d10	19.733	212	2113300	24.799	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.797	264	2007452	24.583	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.387	88	8003	1.206	ng/uL#	92
5) Pyridine	3.798	79	76523	3.829	ng/u1#	35
6) Benzaldehyde	7.098	77	65159m	6.681	ng/u1	
8) Phenol	7.139	94	92376	3.722	ng/u1	94
10) Bis(2-Chloroethyl)ether	7.381	93	80642	4.030	ng/u1	98
12) 2-Chlorophenol	7.504	128	74207	3.978	ng/u1	99
13) 2-Methylphenol	8.398	108	66432	3.475	ng/u1	96
14) 2,2'-oxybis(1-Chloropr...	8.475	45	140516	4.165	ng/u1	98
16) Acetophenone	8.786	105	116032	3.802	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.769	70	66586	3.947	ng/u1	99
18) 4-Methylphenol	8.728	108	76130	3.666	ng/u1	98
19) Hexachloroethane	9.010	117	33028	4.085	ng/u1	91
22) Nitrobenzene	9.163	77	93501	4.016	ng/u1	100
23) Isophorone	9.692	82	175185	3.668	ng/u1	99
25) 2-Nitrophenol	9.875	139	43925	3.952	ng/u1	97
26) 2,4-Dimethylphenol	9.933	107	80752	3.746	ng/u1	97
27) Bis(2-Chloroethoxy)met...	10.180	93	110184	3.890	ng/u1	100
29) 2,4-Dichlorophenol	10.410	162	69807	3.739	ng/u1	92
30) Naphthalene	10.804	128	261362	4.031	ng/u1	98
32) 4-Chloroaniline	10.933	127	107361	3.704	ng/u1	97
33) Hexachlorobutadiene	11.069	225	41366	3.960	ng/u1	99
34) Caprolactam	11.757	113	40801m	6.070	ng/u1	
35) 4-Chloro-3-methylphenol	12.063	107	72715	3.515	ng/u1	99
36) 2-Methylnaphthalene	12.421	142	174973	3.872	ng/u1	98

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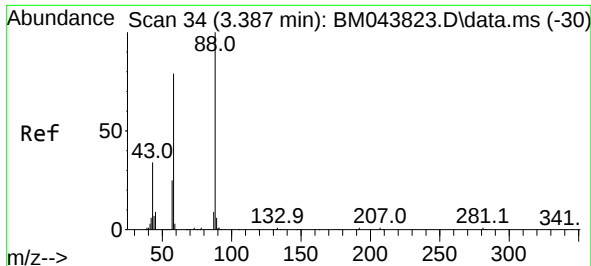
Quant Time: Jan 13 00:47:55 2024
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Manual Integrations APPROVED

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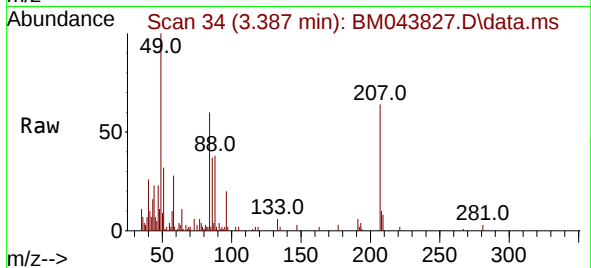
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.633	142	180699	4.010	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.780	216	80749	3.699	ng/ul	98
40) Hexachlorocyclopentadiene	12.739	237	61447	4.209	ng/ul	99
41) 2,4,6-Trichlorophenol	13.033	196	51025	3.292	ng/ul	98
42) 2,4,5-Trichlorophenol	13.110	196	55192	3.353	ng/ul	99
43) 1,1'-Biphenyl	13.427	154	237689	3.792	ng/ul	99
44) 2-Chloronaphthalene	13.468	162	182745	3.784	ng/ul	97
45) 2-Nitroaniline	13.692	65	49716	3.261	ng/ul	94
47) Dimethylphthalate	14.057	163	237045	3.835	ng/ul	100
48) 2,6-Dinitrotoluene	14.192	165	37648	3.073	ng/ul	92
50) Acenaphthylene	14.315	152	316931	3.875	ng/ul	99
51) 3-Nitroaniline	14.527	138	40207	3.104	ng/ul#	94
52) Acenaphthene	14.651	153	210504	3.881	ng/ul	99
53) 2,4-Dinitrophenol	14.739	184	45554	5.985	ng/ul	98
55) 4-Nitrophenol	14.833	109	32084	3.497	ng/ul	91
56) Dibenzofuran	14.992	168	282524	3.877	ng/ul	99
57) 2,4-Dinitrotoluene	14.980	165	60109	3.331	ng/ul#	84
58) 2,3,4,6-Tetrachlorophenol	15.221	232	47018	3.429	ng/ul	96
59) Diethylphthalate	15.415	149	237599	3.606	ng/ul	99
61) Fluorene	15.639	166	237398	3.800	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.633	204	109208	3.735	ng/ul	100
63) 4-Nitroaniline	15.686	138	38237	3.674	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.739	198	43951	3.710	ng/ul#	82
67) N-Nitrosodiphenylamine	15.851	169	190078	3.706	ng/ul	99
68) 4-Bromophenyl-phenylether	16.533	248	61880	3.549	ng/ul	98
69) Hexachlorobenzene	16.633	284	76757	3.731	ng/ul	97
70) Atrazine	16.815	200	62742	3.382	ng/ul	94
71) Pentachlorophenol	16.992	266	62165	4.806	ng/ul	96
72) Phenanthrene	17.386	178	365458	3.818	ng/ul	99
74) Anthracene	17.474	178	355147	3.646	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.386	216	79867	3.655	ng/uL	97
76) Pentachlorobenzene	14.904	250	89237	4.003	ng/uL	98
77) Carbazole	17.762	167	306821	3.398	ng/ul	100
78) Di-n-butylphthalate	18.315	149	382363	3.118	ng/ul	100
80) Fluoranthene	19.403	202	388702	3.728	ng/ul	98
82) Pyrene	19.762	202	422456	3.910	ng/ul	97
83) Butylbenzylphthalate	20.668	149	161264	3.156	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.456	252	111330	3.352	ng/ul	97
85) Benzo(a)anthracene	21.515	228	394779	3.747	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.444	149	243792	2.996	ng/ul	97
87) Chrysene	21.568	228	361710	3.804	ng/ul	98
89) Di-n-octyl phthalate	22.386	149	397191	2.884	ng/ul	100
90) Benzo(b)fluoranthene	23.215	252	369734	3.566	ng/ul	98
91) Benzo(k)fluoranthene	23.262	252	367811	3.601	ng/ul	99
93) Benzo(a)pyrene	23.844	252	353992	3.730	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.473	276	402212	3.713	ng/ul	99
95) Dibenzo(a,h)anthracene	26.497	278	329237	3.668	ng/ul	99
96) Benzo(g,h,i)perylene	27.250	276	312481	3.799	ng/ul	97

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



#2
1,4-Dioxane
Concen: 1.206 ng/uL
RT: 3.387 min Scan# 34
Delta R.T. -0.006 min
Lab File: BM043827.D
Acq: 12 Jan 2024 13:55

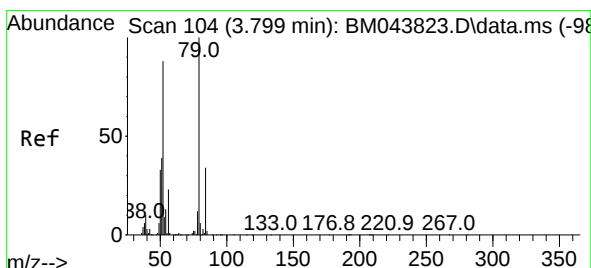
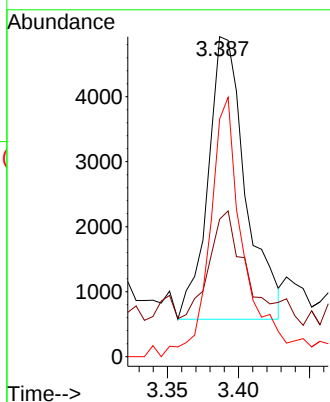
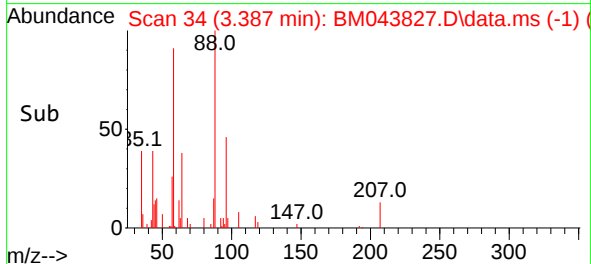
Instrument :
BNA_M
ClientSampleId :
MDL-MED-SOIL-QT4-2023-07



Tgt Ion: 88 Resp: 800
Ion Ratio Lower Upper
88 100
43 43.0 27.2 40.8
58 74.2 62.6 93.8

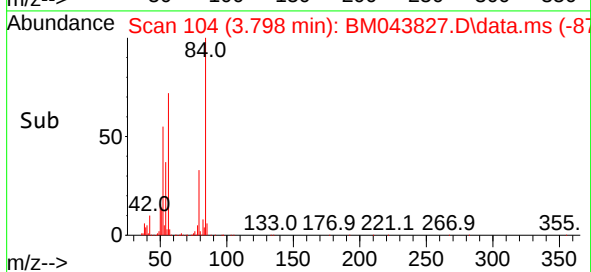
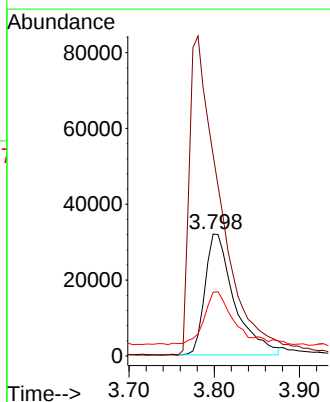
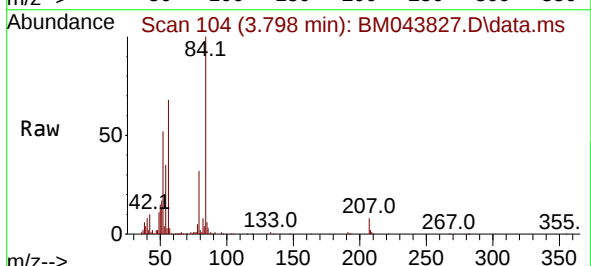
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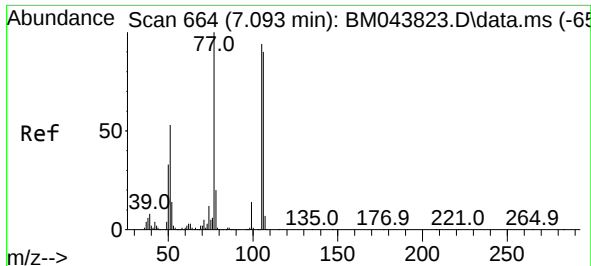
Reviewed By :Jagrut Upadhyay 01/15/2024
Supervised By :mohammad ahmed 01/16/2024



#5
Pyridine
Concen: 3.829 ng/uL
RT: 3.798 min Scan# 104
Delta R.T. -0.000 min
Lab File: BM043827.D
Acq: 12 Jan 2024 13:55

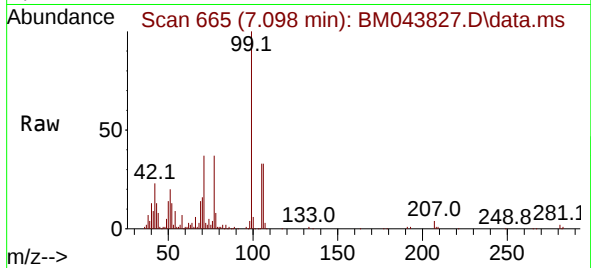
Tgt Ion: 79 Resp: 76523
Ion Ratio Lower Upper
79 100
52 165.1 69.4 104.0#
51 52.3 31.4 47.2#





#6
Benzaldehyde
Concen: 6.681 ng/ul m
RT: 7.098 min Scan# 6
Delta R.T. -0.000 min
Lab File: BM043827.D
Acq: 12 Jan 2024 13:55

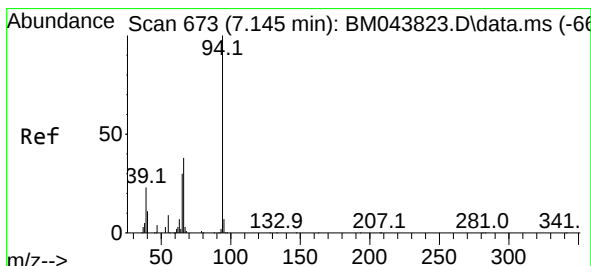
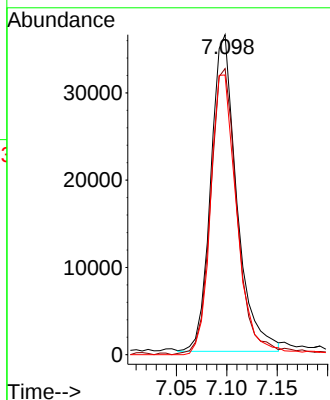
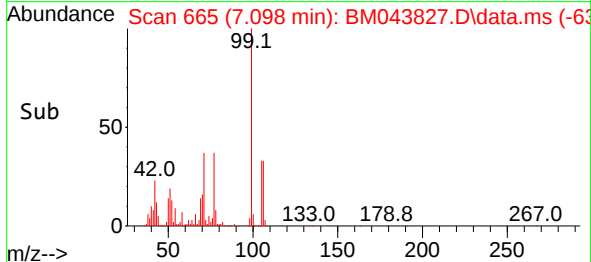
Instrument :
BNA_M
ClientSampleId :
MDL-MED-SOIL-QT4-2023-07



Tgt Ion: 77 Resp: 6515
Ion Ratio Lower Upper
77 100
105 89.4 76.0 114.0
106 87.4 74.2 111.4

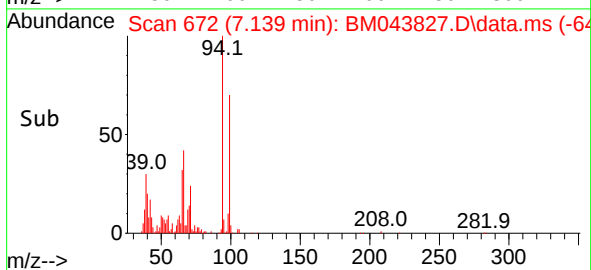
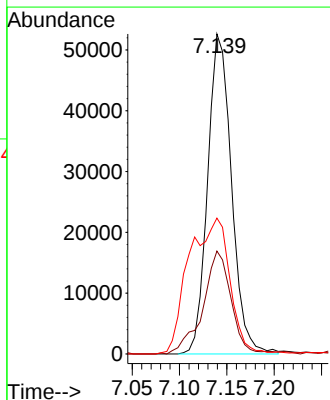
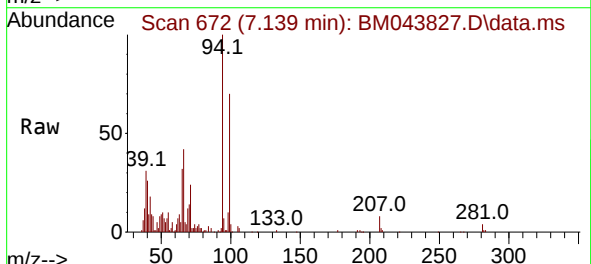
Manual Integrations
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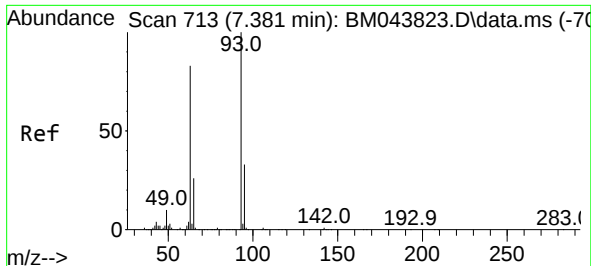
Reviewed By :Jagrut Upadhyay 01/15/2024
Supervised By :mohammad ahmed 01/16/2024



#8
Phenol
Concen: 3.722 ng/ul
RT: 7.139 min Scan# 672
Delta R.T. -0.012 min
Lab File: BM043827.D
Acq: 12 Jan 2024 13:55

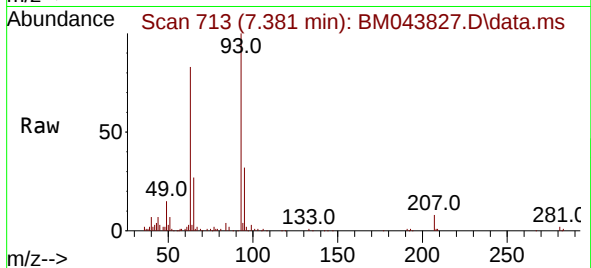
Tgt Ion: 94 Resp: 92376
Ion Ratio Lower Upper
94 100
65 32.2 23.9 35.9
66 42.5 30.7 46.1





#10
Bis(2-Chloroethyl)ether
Concen: 4.030 ng/ul
RT: 7.381 min Scan# 713
Delta R.T. -0.006 min
Lab File: BM043827.D
Acq: 12 Jan 2024 13:55

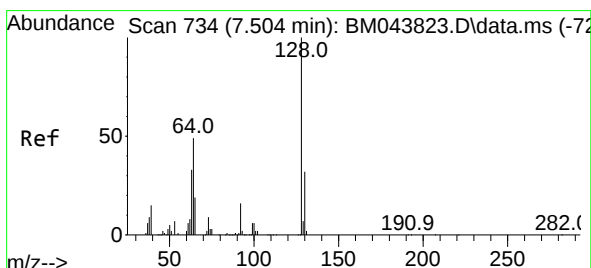
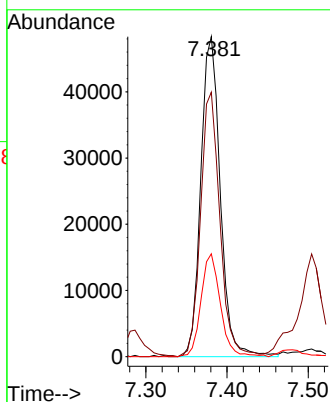
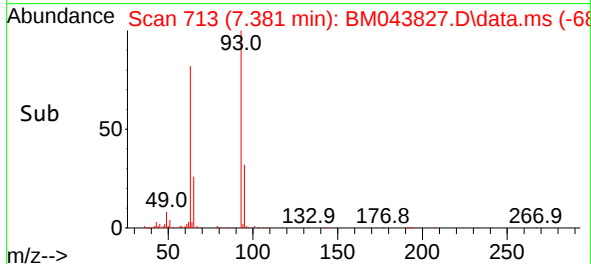
Instrument :
BNA_M
ClientSampleId :
MDL-MED-SOIL-QT4-2023-07



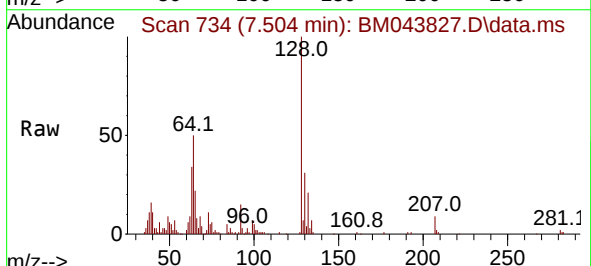
Tgt Ion: 93 Resp: 8064
Ion Ratio Lower Upper
93 100
63 82.6 64.1 96.1
95 32.1 26.1 39.1

Manual Integrations
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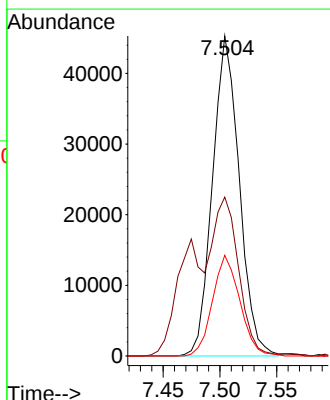
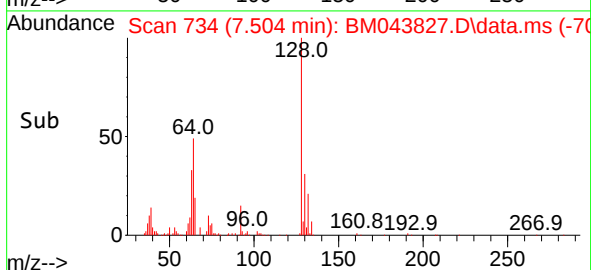
Reviewed By :Jagrut Upadhyay 01/15/2024
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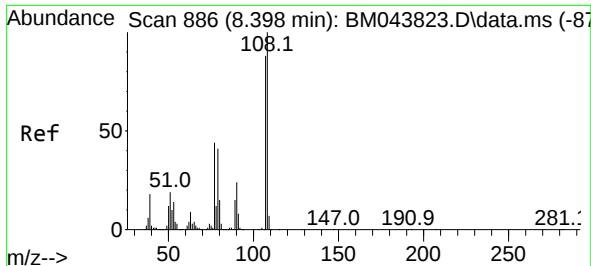


#12
2-Chlorophenol
Concen: 3.978 ng/ul
RT: 7.504 min Scan# 734
Delta R.T. -0.006 min
Lab File: BM043827.D
Acq: 12 Jan 2024 13:55



Tgt Ion:128 Resp: 74207
Ion Ratio Lower Upper
128 100
64 49.6 38.7 58.1
130 31.5 25.3 37.9





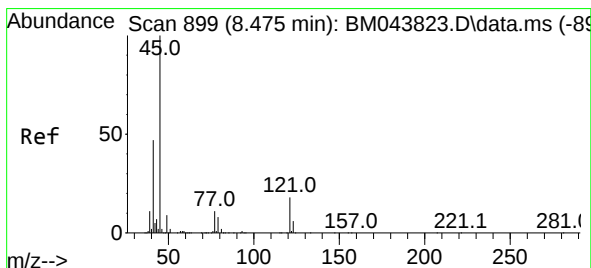
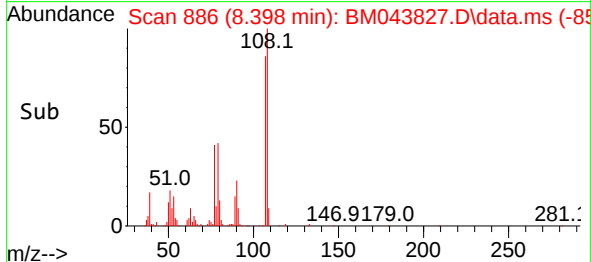
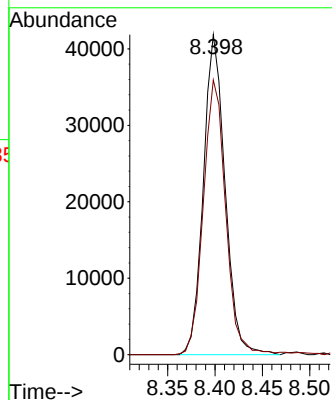
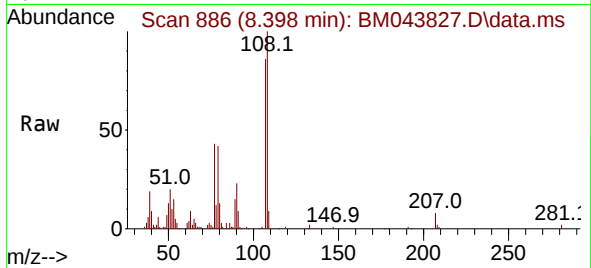
#13
2-Methylphenol
Concen: 3.475 ng/ul
RT: 8.398 min Scan# 886
Delta R.T. -0.006 min
Lab File: BM043827.D
Acq: 12 Jan 2024 13:55

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

Tgt Ion:108 Resp: 66432
Ion Ratio Lower Upper
108 100
107 85.9 71.6 107.4

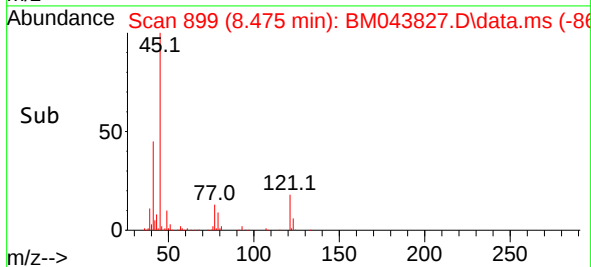
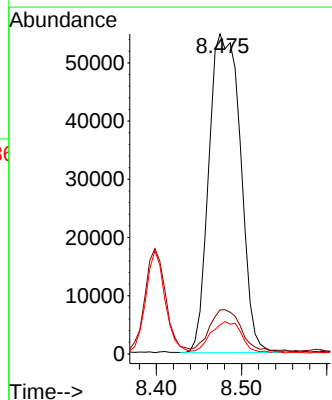
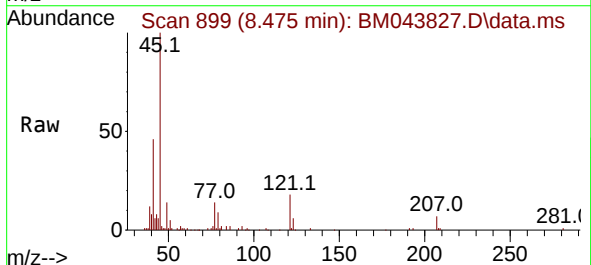
Manual Integrations
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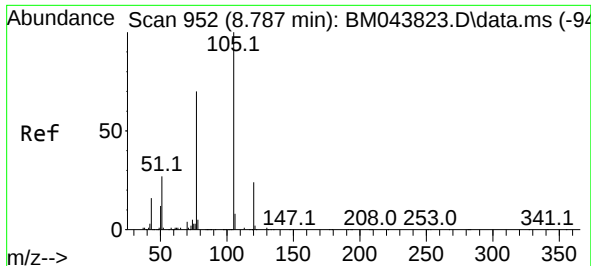
Reviewed By :Jagrut Upadhyay 01/15/2024
Supervised By :mohammad ahmed 01/16/2024



#14
2,2'-oxybis(1-Chloropropane)
Concen: 4.165 ng/ul
RT: 8.475 min Scan# 899
Delta R.T. -0.000 min
Lab File: BM043827.D
Acq: 12 Jan 2024 13:55

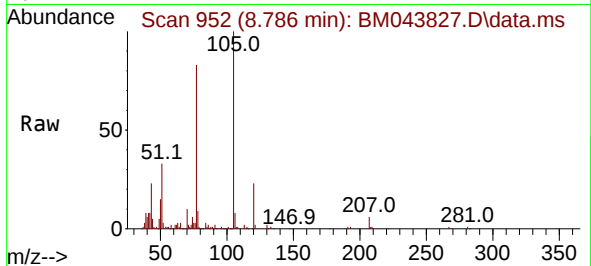
Tgt Ion: 45 Resp: 140516
Ion Ratio Lower Upper
45 100
77 13.8 9.9 14.9
79 9.1 7.0 10.6





#16
Acetophenone
Concen: 3.802 ng/ul
RT: 8.786 min Scan# 911
Delta R.T. -0.000 min
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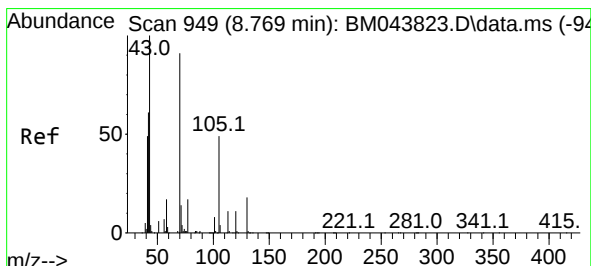
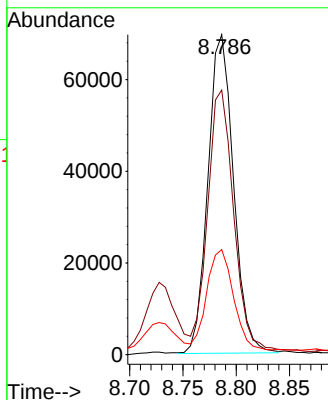
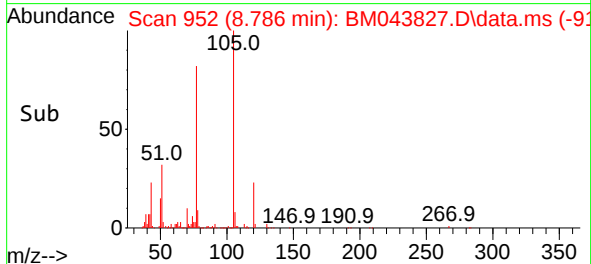
Instrument : BNA_M
ClientSampleId : MDL-MED-SOIL-QT4-2023-07



Tgt Ion: 105 Resp: 116032
Ion Ratio Lower Upper
105 100
77 82.7 65.8 98.6
51 32.8 25.3 37.9

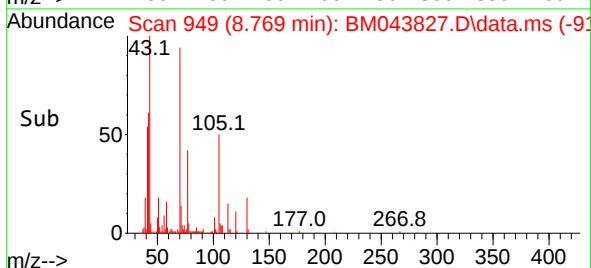
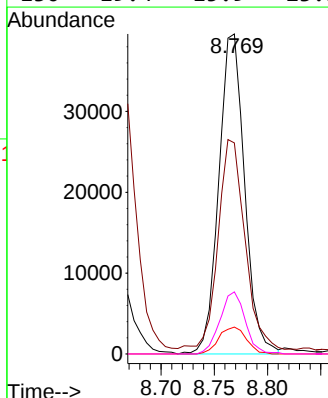
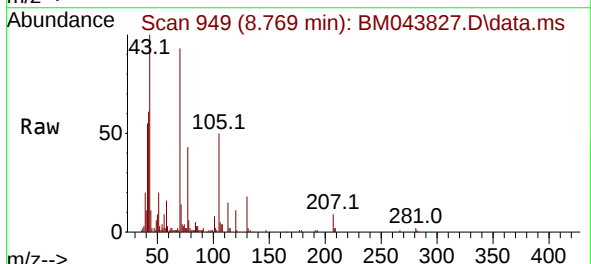
Manual Integrations
APPROVED

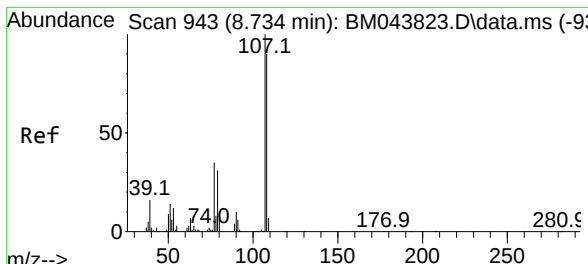
Reviewed By :Jagrut Upadhyay 01/15/2024
Supervised By :mohammad ahmed 01/16/2024



#17
N-Nitroso-di-n-propylamine
Concen: 3.947 ng/ul
RT: 8.769 min Scan# 949
Delta R.T. -0.000 min
Lab File: BM043827.D
Acq: 12 Jan 2024 13:55

Tgt Ion: 70 Resp: 66586
Ion Ratio Lower Upper
70 100
42 66.0 52.3 78.5
101 8.4 7.0 10.4
130 19.4 15.9 23.9





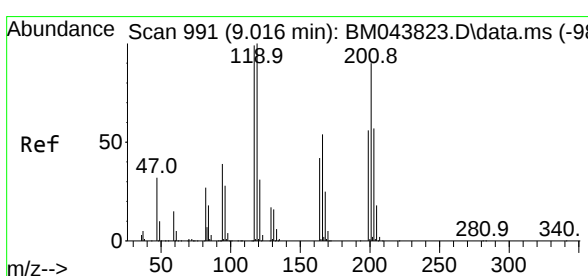
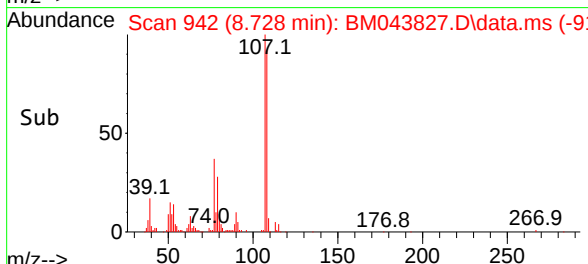
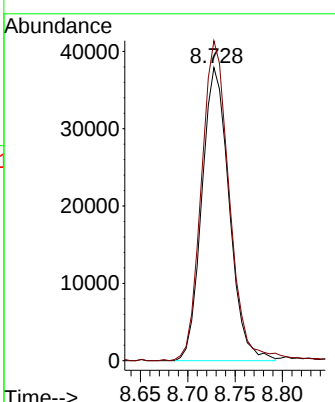
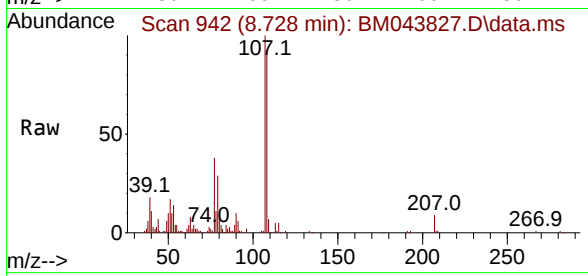
#18
4-Methylphenol
Concen: 3.666 ng/ul
RT: 8.728 min Scan# 94
Delta R.T. -0.012 min
Lab File: BM043827.D
Acq: 12 Jan 2024 13:55

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

Tgt Ion:	108	Resp:	76130
Ion Ratio	Lower	Upper	
108	100		
107	109.2	85.3	127.9

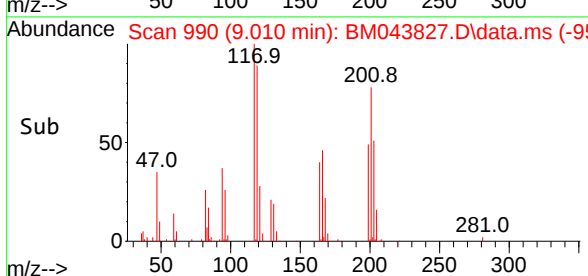
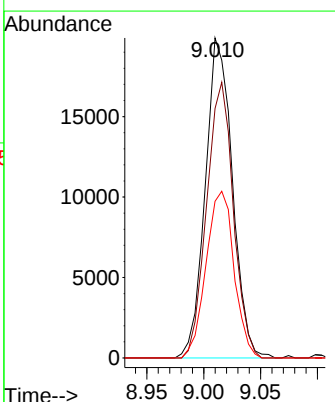
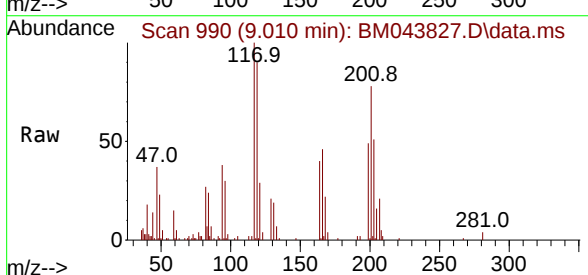
Manual Integrations
APPROVED

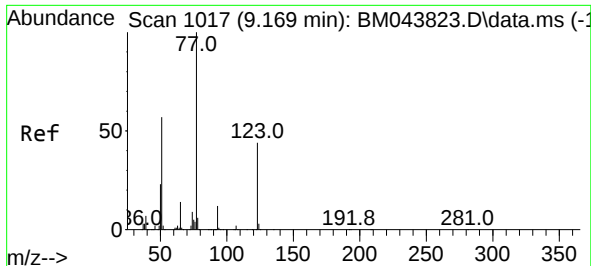
Reviewed By :Jagrut Upadhyay 01/15/2024
Supervised By :mohammad ahmed 01/16/2024



#19
Hexachloroethane
Concen: 4.085 ng/ul
RT: 9.010 min Scan# 990
Delta R.T. -0.006 min
Lab File: BM043827.D
Acq: 12 Jan 2024 13:55

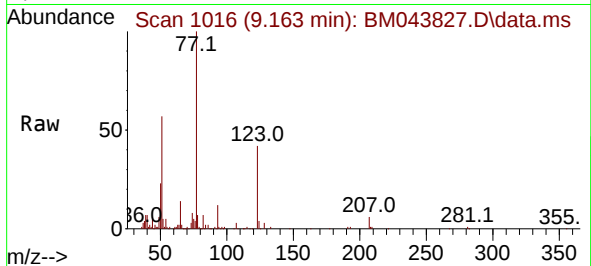
Tgt Ion:	117	Resp:	33028
Ion Ratio	Lower	Upper	
117	100		
201	77.9	69.9	104.9
199	48.9	43.7	65.5





#22
Nitrobenzene
Concen: 4.016 ng/ul
RT: 9.163 min Scan# 1106
Delta R.T. -0.006 min
Lab File: BM043827.D
Acq: 12 Jan 2024 13:55

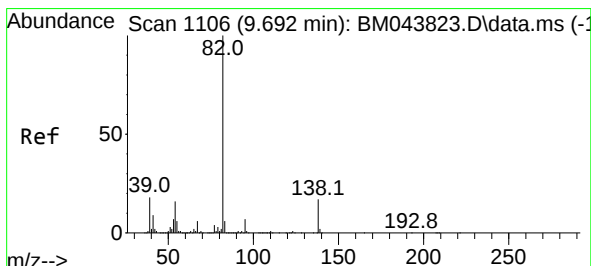
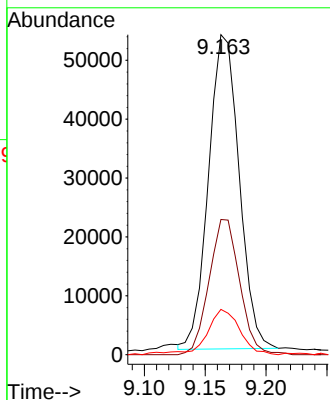
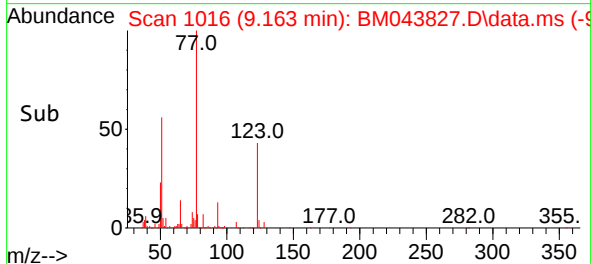
Instrument : BNA_M
ClientSampleId : MDL-MED-SOIL-QT4-2023-07



Tgt Ion: 77 Resp: 9350
Ion Ratio Lower Upper
77 100
123 42.3 33.8 50.8
65 14.1 11.1 16.7

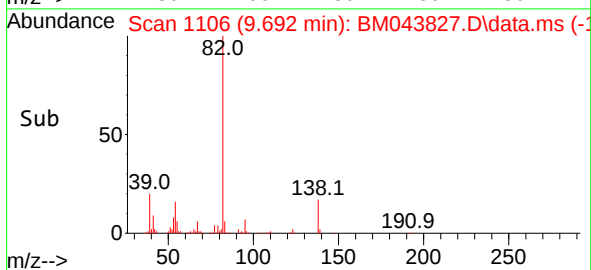
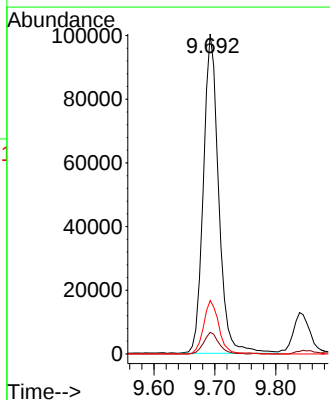
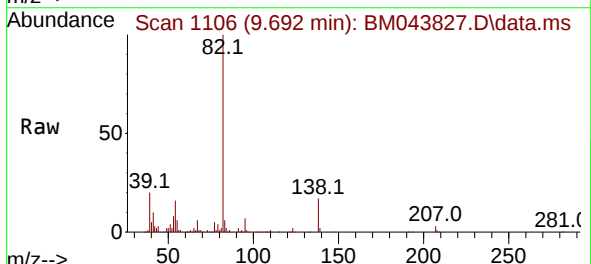
Manual Integrations
APPROVED

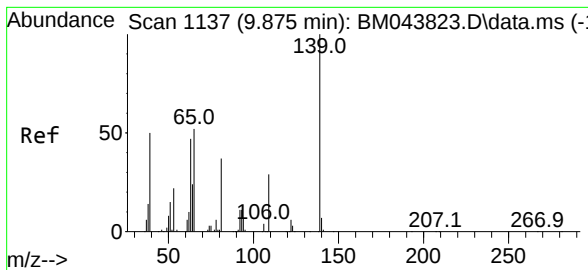
Reviewed By :Jagrut Upadhyay 01/15/2024
Supervised By :mohammad ahmed 01/16/2024



#23
Isophorone
Concen: 3.668 ng/ul
RT: 9.692 min Scan# 1106
Delta R.T. -0.006 min
Lab File: BM043827.D
Acq: 12 Jan 2024 13:55

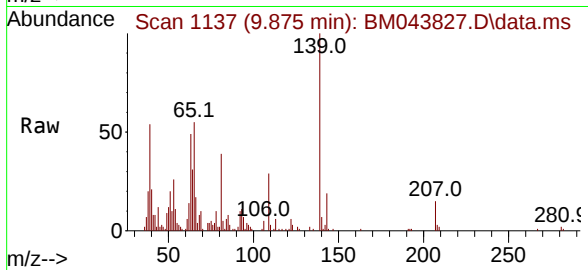
Tgt Ion: 82 Resp: 175185
Ion Ratio Lower Upper
82 100
95 6.8 5.3 7.9
138 16.7 14.0 21.0





#25
2-Nitrophenol
Concen: 3.952 ng/ul
RT: 9.875 min Scan# 1137
Delta R.T. -0.006 min
Lab File: BM043827.D
Acq: 12 Jan 2024 13:55

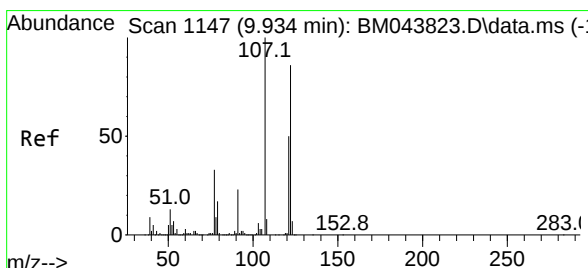
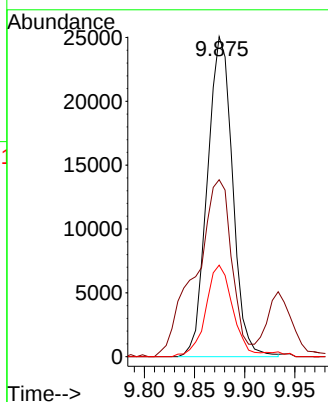
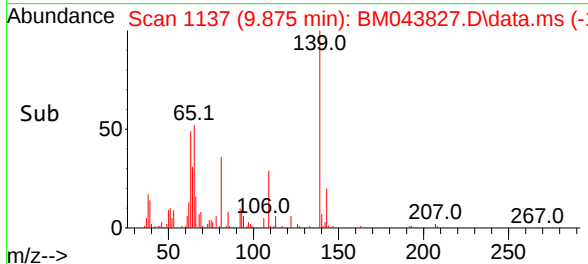
Instrument : BNA_M
ClientSampleId : MDL-MED-SOIL-QT4-2023-07



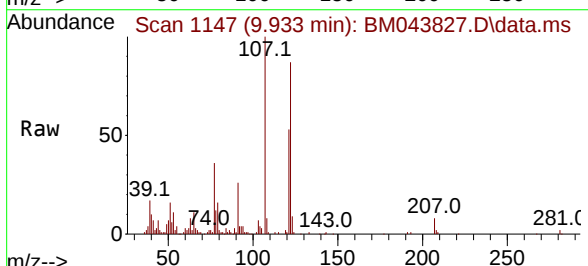
Tgt Ion:139 Resp: 43925
Ion Ratio Lower Upper
139 100
65 55.3 41.8 62.8
109 28.6 23.1 34.7

Manual Integrations
APPROVED

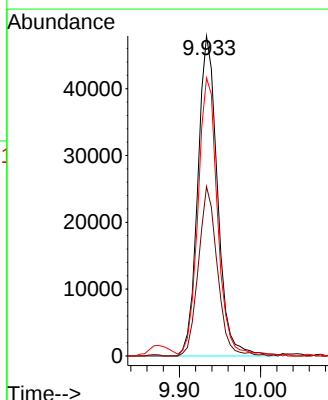
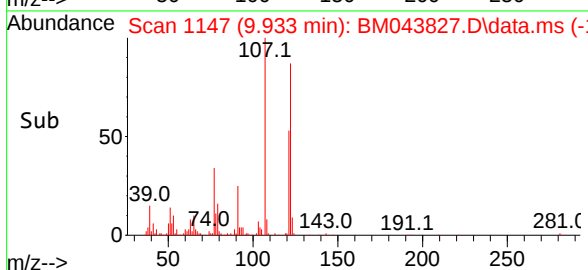
Reviewed By :Jagrut Upadhyay 01/15/2024
Supervised By :mohammad ahmed 01/16/2024

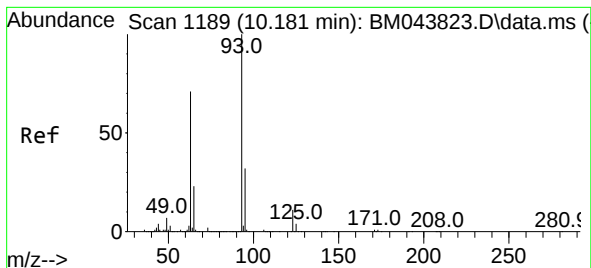


#26
2,4-Dimethylphenol
Concen: 3.746 ng/ul
RT: 9.933 min Scan# 1147
Delta R.T. -0.006 min
Lab File: BM043827.D
Acq: 12 Jan 2024 13:55



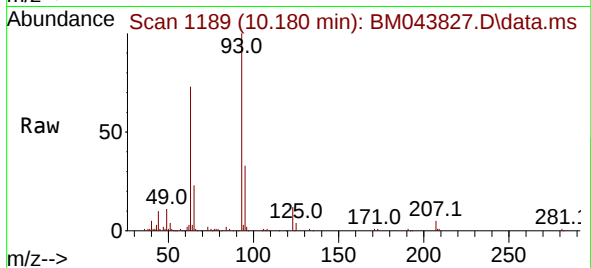
Tgt Ion:107 Resp: 80752
Ion Ratio Lower Upper
107 100
121 52.9 40.2 60.4
122 86.9 70.8 106.2





#27
 Bis(2-Chloroethoxy)methane
 Concen: 3.890 ng/ul
 RT: 10.180 min Scan# 1189
 Delta R.T. -0.000 min
 Lab File: BM043827.D
 Acq: 12 Jan 2024 13:55

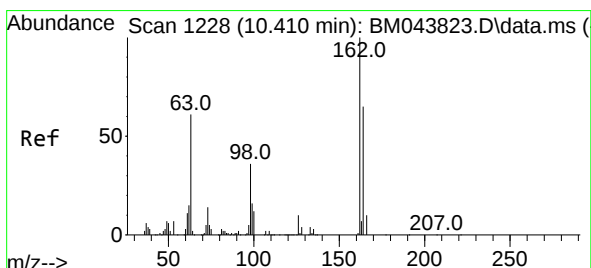
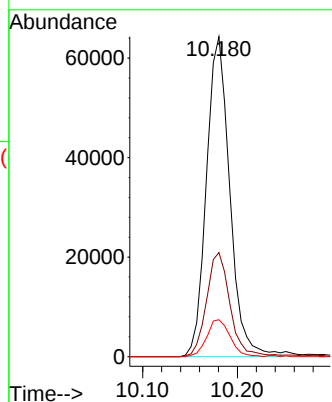
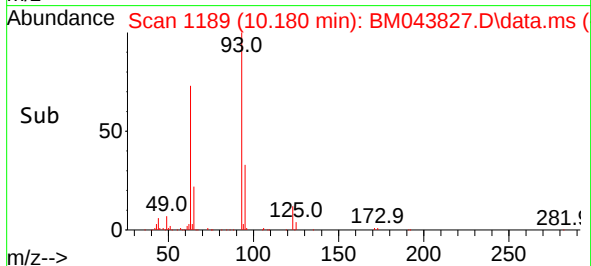
Instrument :
 BNA_M
 ClientSampleId :
 MDL-MED-SOIL-QT4-2023-07



Tgt Ion: 93 Resp: 110184
 Ion Ratio Lower Upper
 93 100
 95 32.6 26.2 39.4
 123 11.5 9.2 13.8

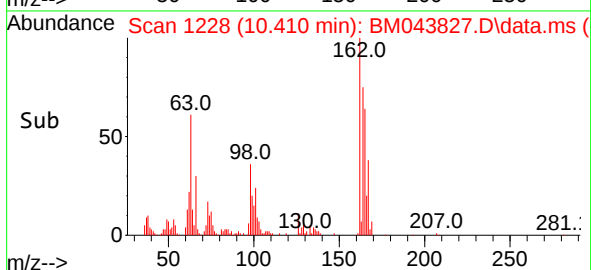
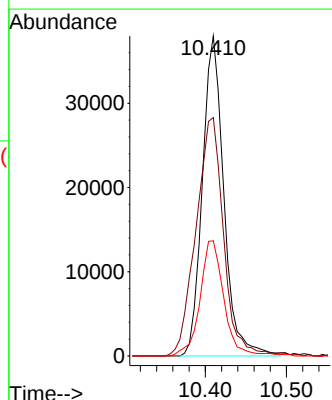
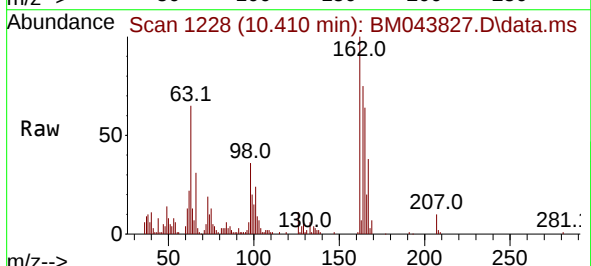
Manual Integrations
 APPROVED

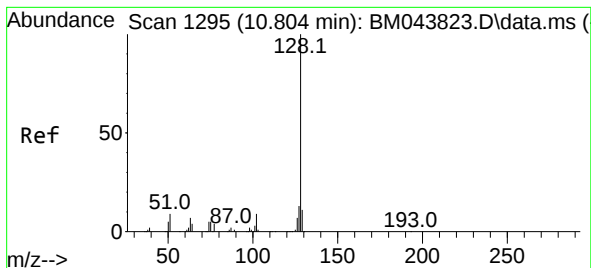
Reviewed By :Jagrut Upadhyay 01/15/2024
 Supervised By :mohammad ahmed 01/16/2024



#29
 2,4-Dichlorophenol
 Concen: 3.739 ng/ul
 RT: 10.410 min Scan# 1228
 Delta R.T. -0.006 min
 Lab File: BM043827.D
 Acq: 12 Jan 2024 13:55

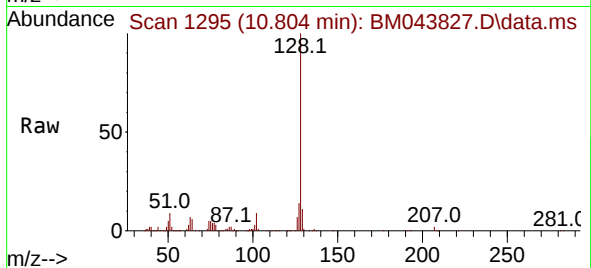
Tgt Ion:162 Resp: 69807
 Ion Ratio Lower Upper
 162 100
 164 74.5 52.3 78.5
 98 36.0 28.5 42.7





#30
Naphthalene
Concen: 4.031 ng/uI
RT: 10.804 min Scan# 1295
Delta R.T. -0.006 min
Lab File: BM043827.D
Acq: 12 Jan 2024 13:55

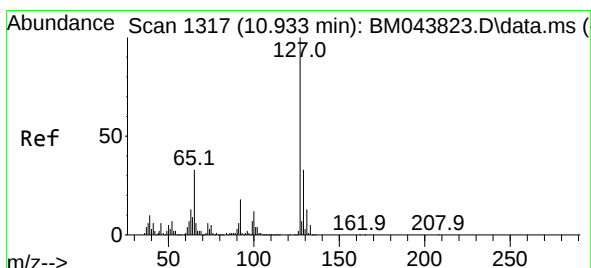
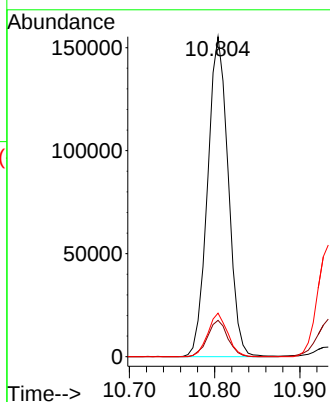
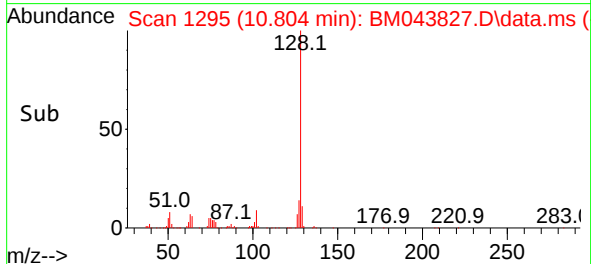
Instrument :
BNA_M
ClientSampleId :
MDL-MED-SOIL-QT4-2023-07



Tgt Ion:128 Resp: 261362
Ion Ratio Lower Upper
128 100
129 11.4 8.8 13.2
127 13.6 10.2 15.4

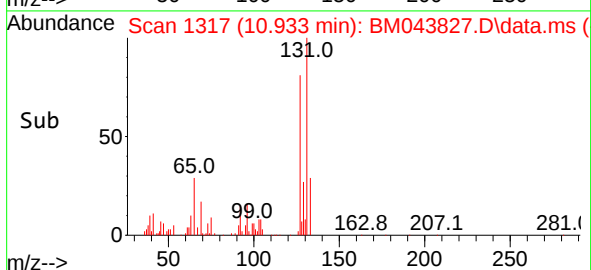
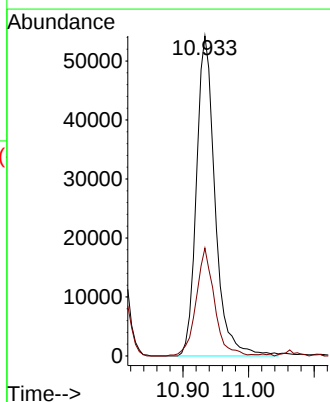
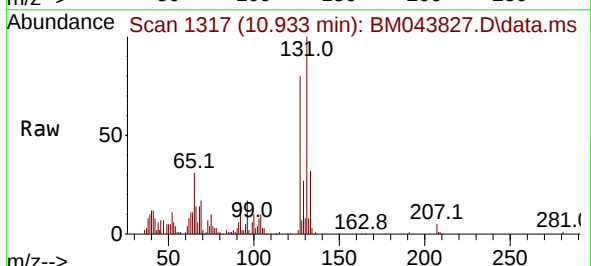
Manual Integrations
APPROVED

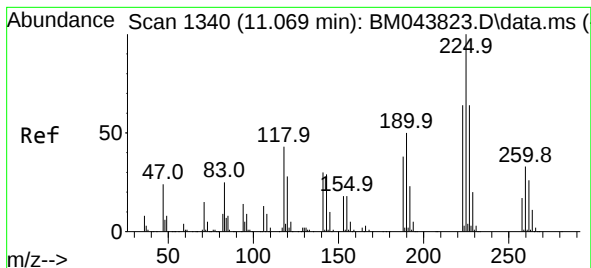
Reviewed By :Jagrut Upadhyay 01/15/2024
Supervised By :mohammad ahmed 01/16/2024



#32
4-Chloroaniline
Concen: 3.704 ng/uI
RT: 10.933 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BM043827.D
Acq: 12 Jan 2024 13:55

Tgt Ion:127 Resp: 107361
Ion Ratio Lower Upper
127 100
129 33.7 25.8 38.6





#33

Hexachlorobutadiene

Concen: 3.960 ng/ul

RT: 11.069 min Scan# 11

Delta R.T. -0.006 min

Lab File: BM043827.D

Acq: 12 Jan 2024 13:55

Instrument :

BNA_M

ClientSampleId :

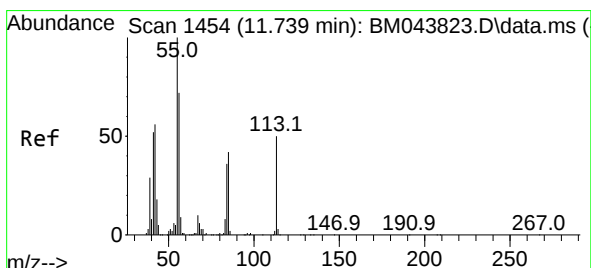
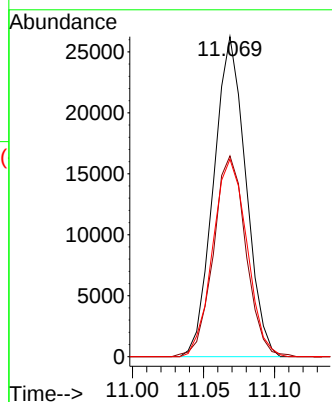
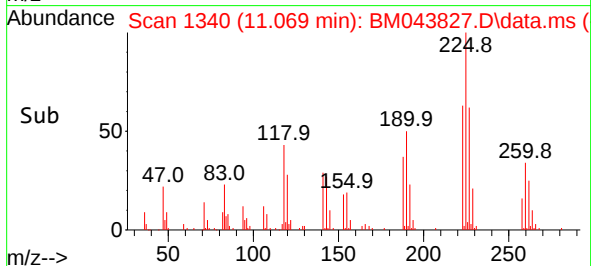
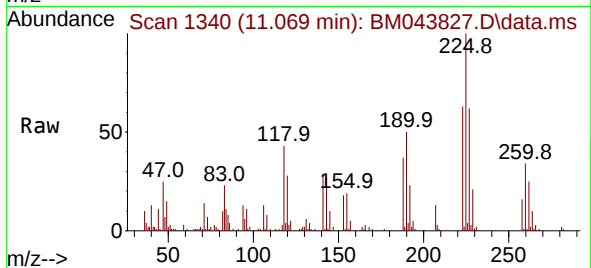
MDL-MED-SOIL-QT4-2023-07

Tgt Ion:	225	Resp:	4136
Ion Ratio	Lower	Upper	
225	100		
223	62.8	50.6	75.8
227	61.7	50.8	76.2

Manual Integrations

APPROVED

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



#34

Caprolactam

Concen: 6.070 ng/ul m

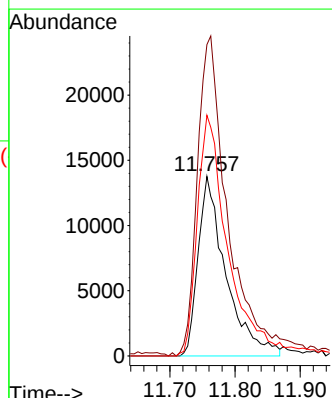
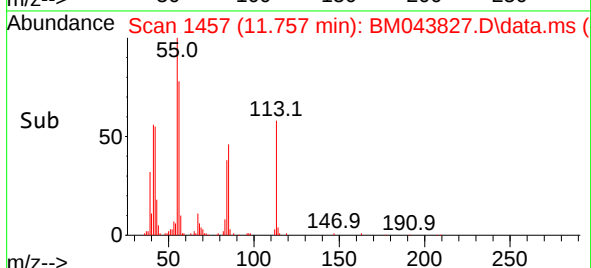
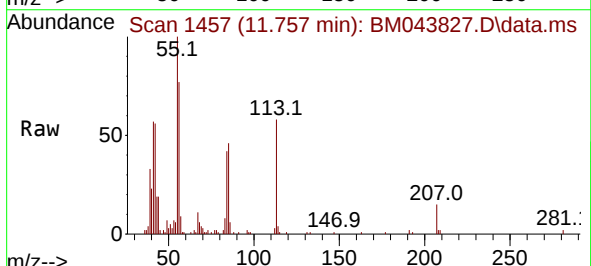
RT: 11.757 min Scan# 1457

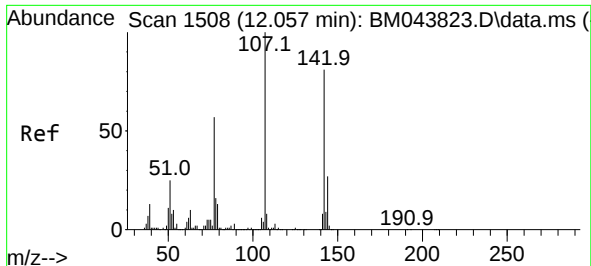
Delta R.T. 0.012 min

Lab File: BM043827.D

Acq: 12 Jan 2024 13:55

Tgt Ion:	113	Resp:	40801
Ion Ratio	Lower	Upper	
113	100		
55	173.4	147.3	220.9
56	134.0	109.9	164.9





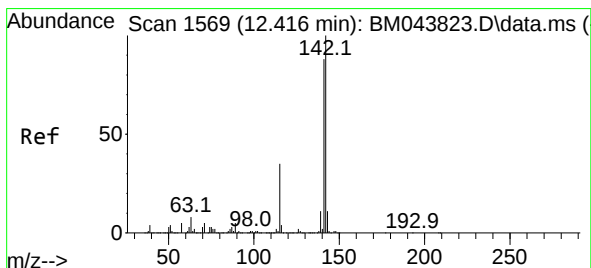
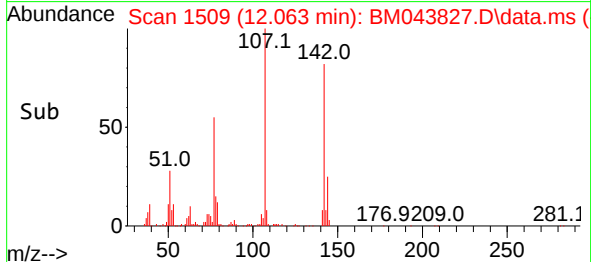
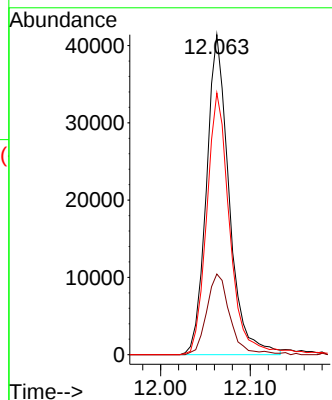
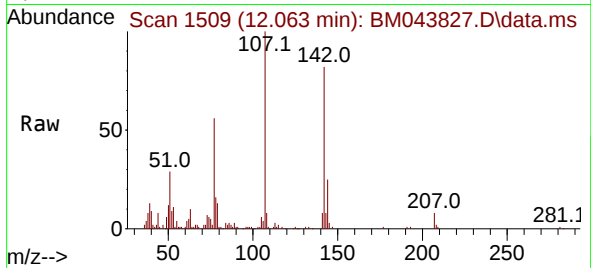
#35
4-Chloro-3-methylphenol
Concen: 3.515 ng/ul
RT: 12.063 min Scan# 1509
Delta R.T. -0.000 min
Lab File: BM043827.D
Acq: 12 Jan 2024 13:55

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

Tgt Ion:107 Resp: 72715
Ion Ratio Lower Upper
107 100
144 25.2 21.8 32.6
142 81.8 65.9 98.9

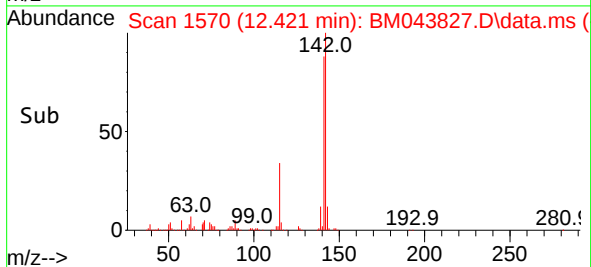
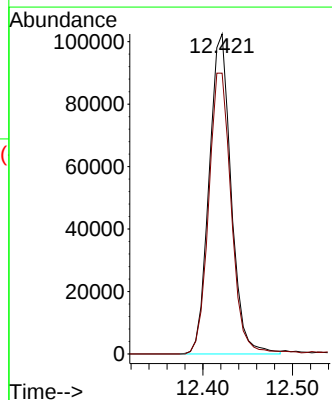
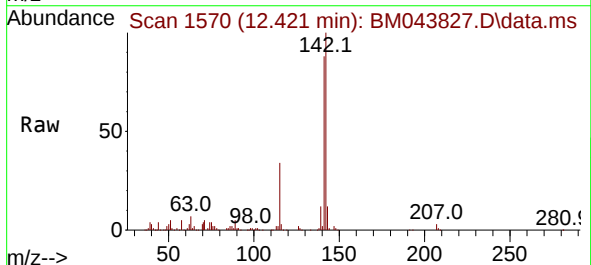
Manual Integrations
APPROVED

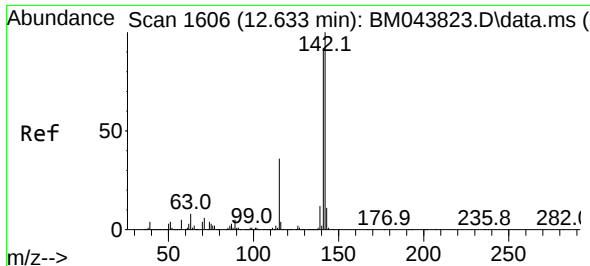
Reviewed By :Jagrut Upadhyay 01/15/2024
Supervised By :mohammad ahmed 01/16/2024



#36
2-Methylnaphthalene
Concen: 3.872 ng/ul
RT: 12.421 min Scan# 1570
Delta R.T. -0.000 min
Lab File: BM043827.D
Acq: 12 Jan 2024 13:55

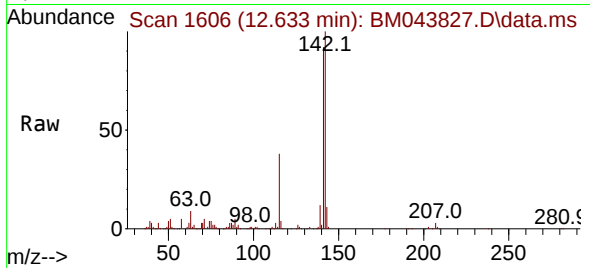
Tgt Ion:142 Resp: 174973
Ion Ratio Lower Upper
142 100
141 87.8 71.4 107.0





#37
1-Methylnaphthalene
Concen: 4.010 ng/ul
RT: 12.633 min Scan# 1606
Delta R.T. -0.006 min
Lab File: BM043827.D
Acq: 12 Jan 2024 13:55

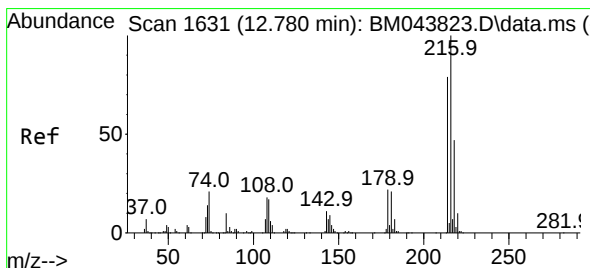
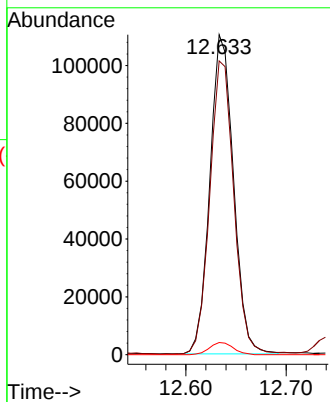
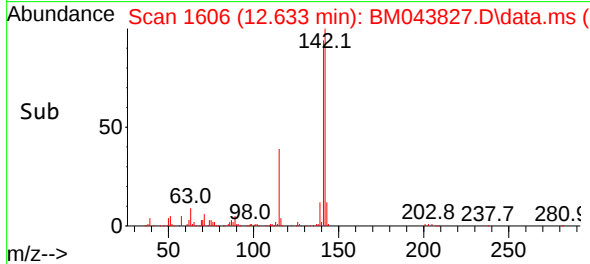
Instrument : BNA_M
ClientSampleId :
MDL-MED-SOIL-QT4-2023-07



Tgt Ion:142 Resp: 18069
Ion Ratio Lower Upper
142 100
141 91.8 73.4 110.2
116 3.8 3.0 4.4

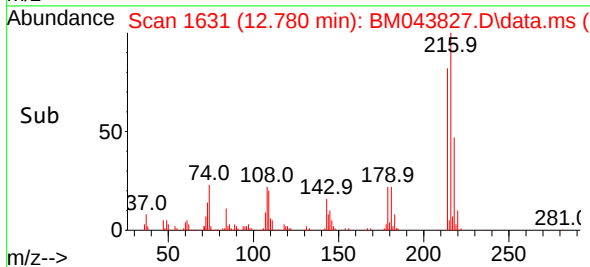
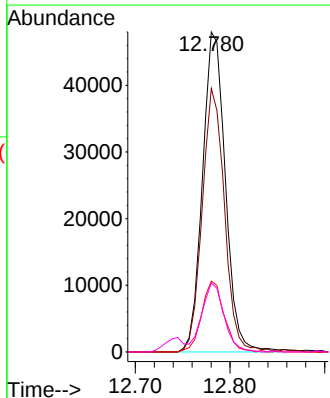
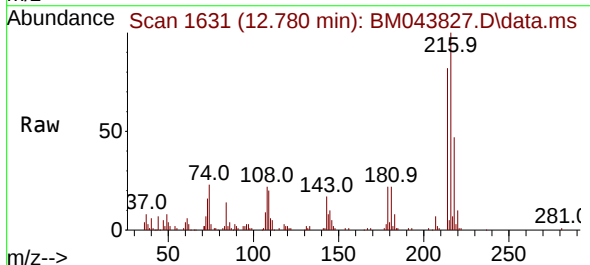
Manual Integrations
APPROVED

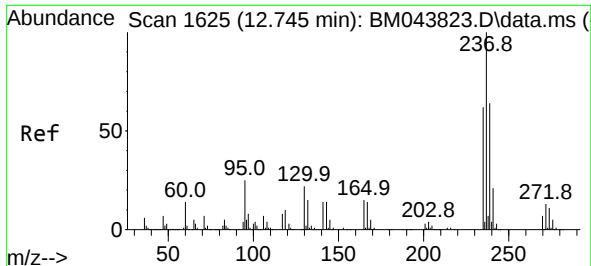
Reviewed By :Jagrut Upadhyay 01/15/2024
Supervised By :mohammad ahmed 01/16/2024



#39
1,2,4,5-Tetrachlorobenzene
Concen: 3.699 ng/ul
RT: 12.780 min Scan# 1631
Delta R.T. -0.006 min
Lab File: BM043827.D
Acq: 12 Jan 2024 13:55

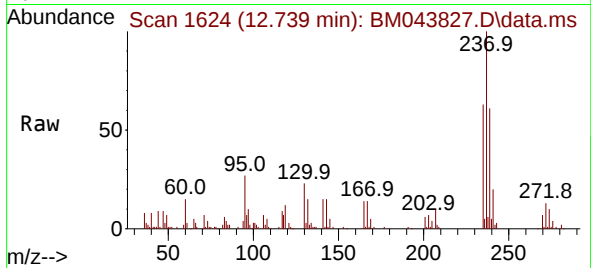
Tgt Ion:216 Resp: 80749
Ion Ratio Lower Upper
216 100
214 82.3 64.3 96.5
179 22.2 17.8 26.8
108 21.6 15.5 23.3





#40
Hexachlorocyclopentadiene
Concen: 4.209 ng/ul
RT: 12.739 min Scan# 1624
Delta R.T. -0.006 min
Lab File: BM043827.D
Acq: 12 Jan 2024 13:55

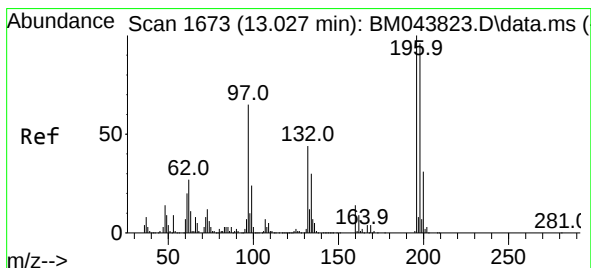
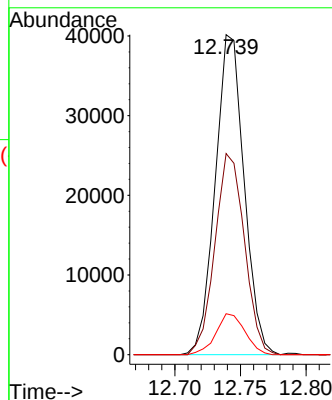
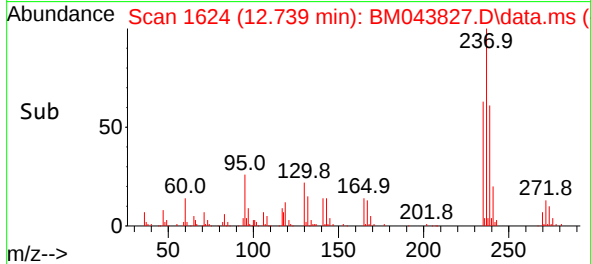
Instrument : BNA_M
ClientSampleId : MDL-MED-SOIL-QT4-2023-07



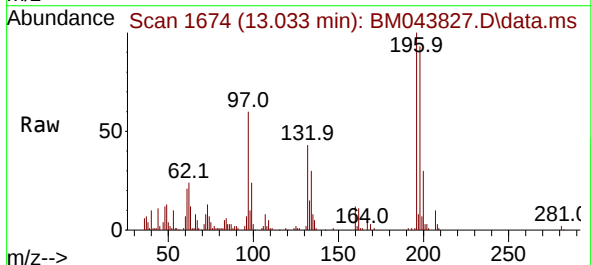
Tgt Ion:237 Resp: 6144
Ion Ratio Lower Upper
237 100
235 62.8 49.8 74.8
272 12.8 9.8 14.8

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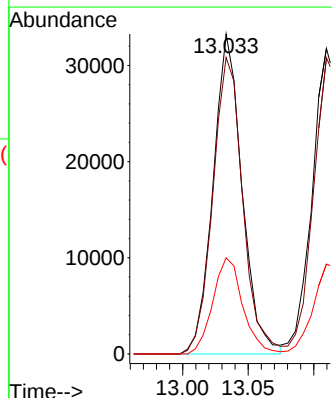
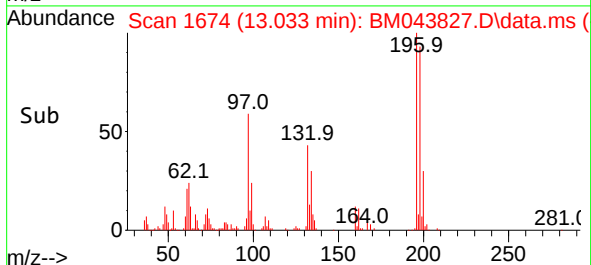
Reviewed By :Jagrut Upadhyay 01/15/2024
Supervised By :mohammad ahmed 01/16/2024

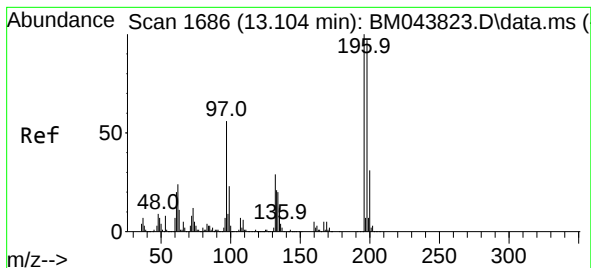


#41
2,4,6-Trichlorophenol
Concen: 3.292 ng/ul
RT: 13.033 min Scan# 1674
Delta R.T. -0.000 min
Lab File: BM043827.D
Acq: 12 Jan 2024 13:55



Tgt Ion:196 Resp: 51025
Ion Ratio Lower Upper
196 100
198 92.7 76.3 114.5
200 30.0 24.6 36.8





#42

2,4,5-Trichlorophenol

Concen: 3.353 ng/ul

RT: 13.110 min Scan# 1687

Delta R.T. -0.000 min

Lab File: BM043827.D

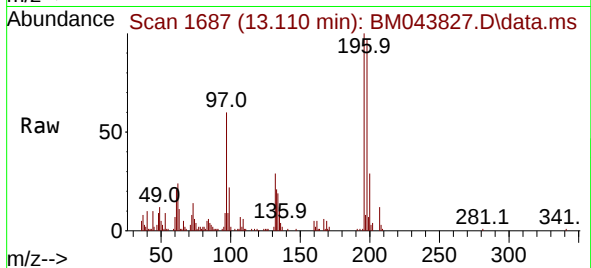
Acq: 12 Jan 2024 13:55

Instrument :

BNA_M

ClientSampleId :

MDL-MED-SOIL-QT4-2023-07



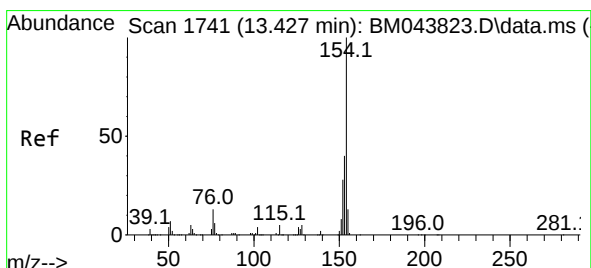
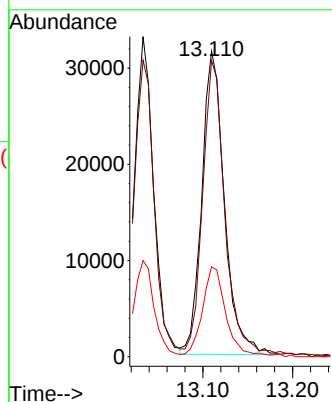
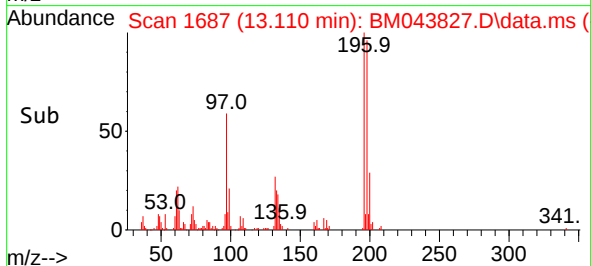
Tgt Ion:196 Resp: 55192

Ion	Ratio	Lower	Upper
196	100		
198	96.9	76.6	114.8
200	29.4	24.4	36.6

Manual Integrations

APPROVED

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



#43

1,1'-Biphenyl

Concen: 3.792 ng/ul

RT: 13.427 min Scan# 1741

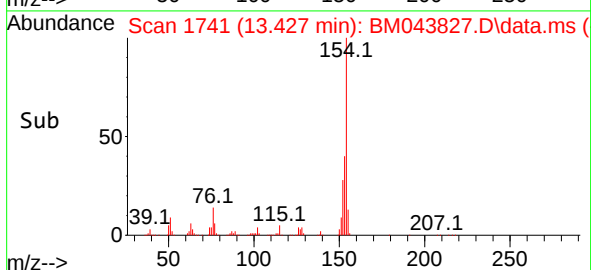
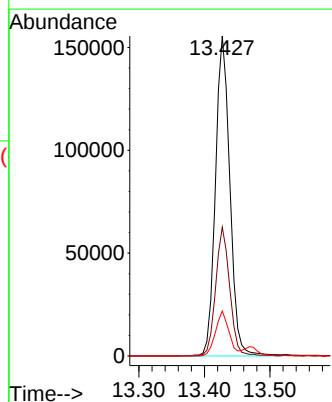
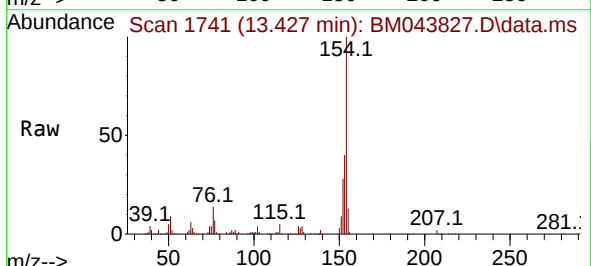
Delta R.T. -0.006 min

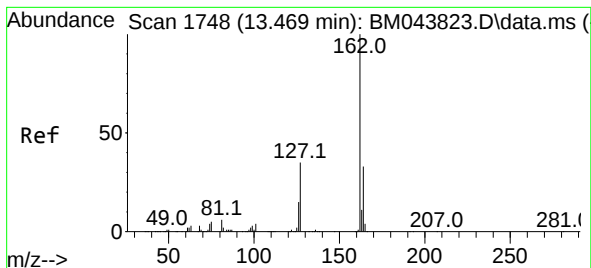
Lab File: BM043827.D

Acq: 12 Jan 2024 13:55

Tgt Ion:154 Resp: 237689

Ion	Ratio	Lower	Upper
154	100		
153	40.3	31.9	47.9
76	14.0	10.4	15.6





#44

2-Chloronaphthalene

Concen: 3.784 ng/ul

RT: 13.468 min Scan# 1748

Delta R.T. -0.006 min

Lab File: BM043827.D

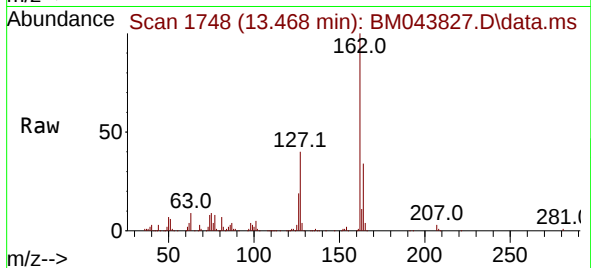
Acq: 12 Jan 2024 13:55

Instrument :

BNA_M

ClientSampleId :

MDL-MED-SOIL-QT4-2023-07



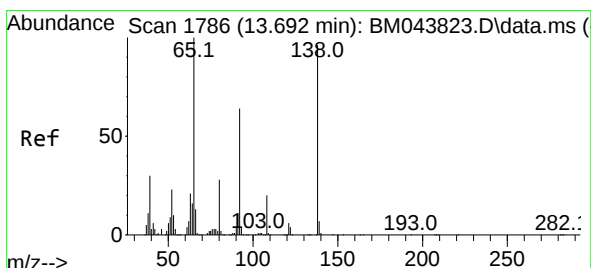
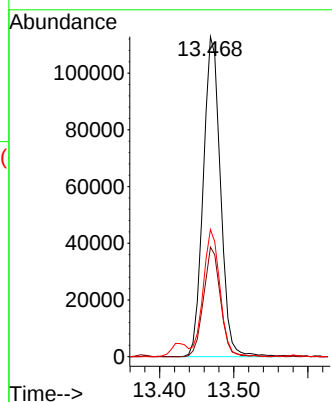
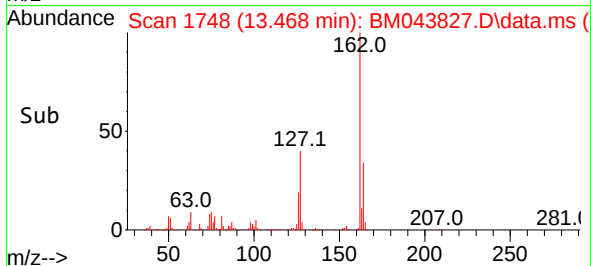
Tgt Ion:162 Resp: 182745

Ion	Ratio	Lower	Upper
162	100		
164	34.3	25.9	38.9
127	39.8	30.7	46.1

Manual Integrations

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



#45

2-Nitroaniline

Concen: 3.261 ng/ul

RT: 13.692 min Scan# 1786

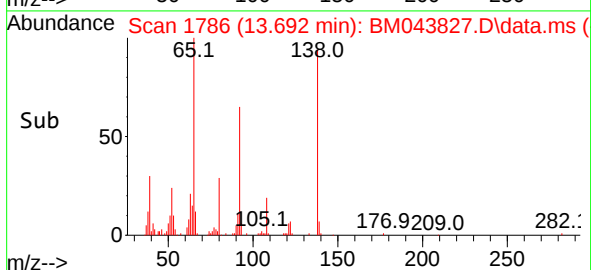
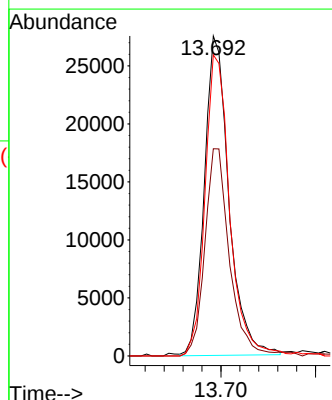
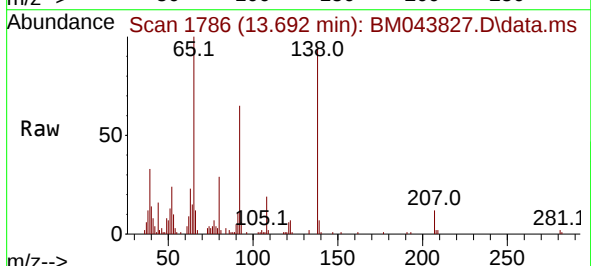
Delta R.T. -0.006 min

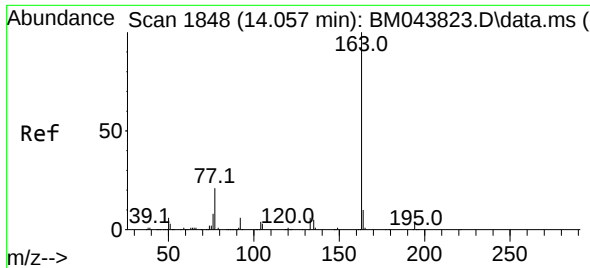
Lab File: BM043827.D

Acq: 12 Jan 2024 13:55

Tgt Ion: 65 Resp: 49716

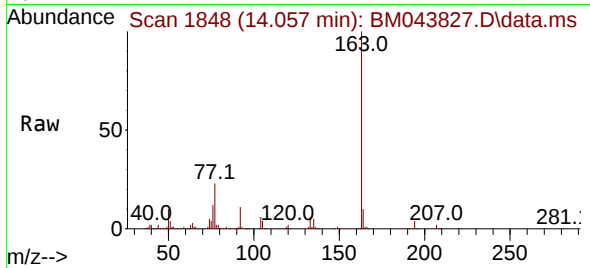
Ion	Ratio	Lower	Upper
65	100		
92	64.8	52.3	78.5
138	94.1	82.6	123.8





#47
Dimethylphthalate
Concen: 3.835 ng/ul
RT: 14.057 min Scan# 1848
Delta R.T. -0.006 min
Lab File: BM043827.D
Acq: 12 Jan 2024 13:55

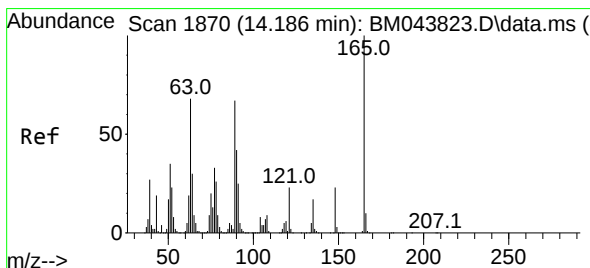
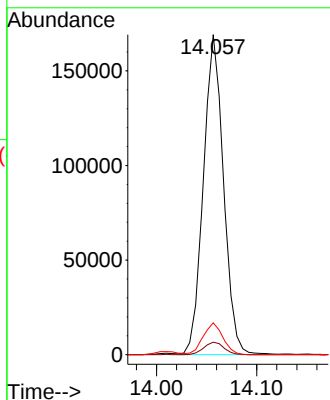
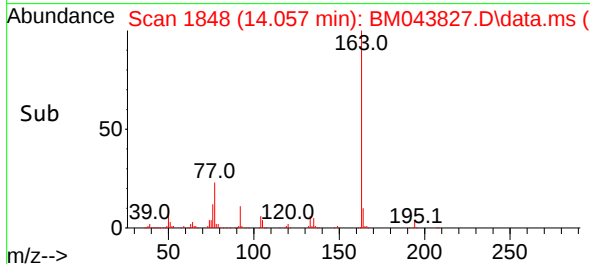
Instrument : BNA_M
ClientSampleId : MDL-MED-SOIL-QT4-2023-07



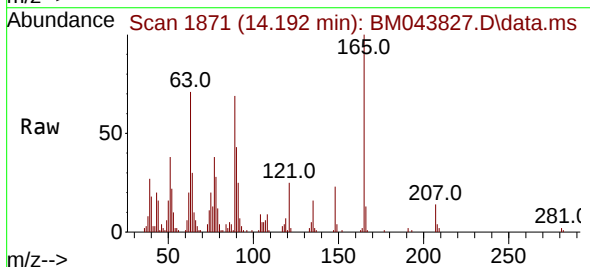
Tgt Ion:163 Resp: 237049
Ion Ratio Lower Upper
163 100
194 3.9 3.1 4.7
164 10.0 8.1 12.1

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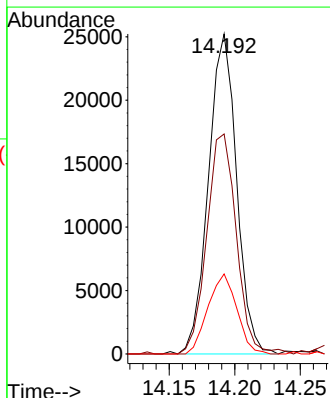
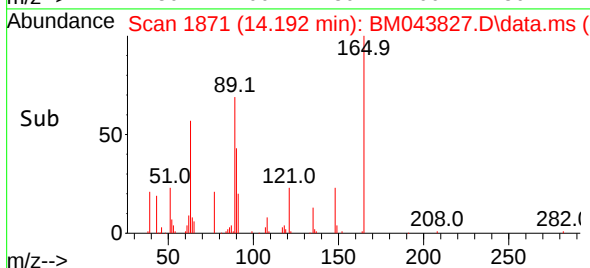
Reviewed By :Jagrut Upadhyay 01/15/2024
Supervised By :mohammad ahmed 01/16/2024

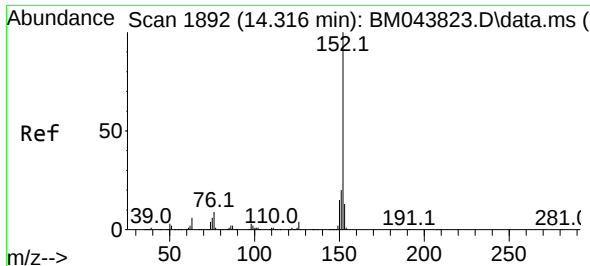


#48
2,6-Dinitrotoluene
Concen: 3.073 ng/ul
RT: 14.192 min Scan# 1871
Delta R.T. -0.000 min
Lab File: BM043827.D
Acq: 12 Jan 2024 13:55



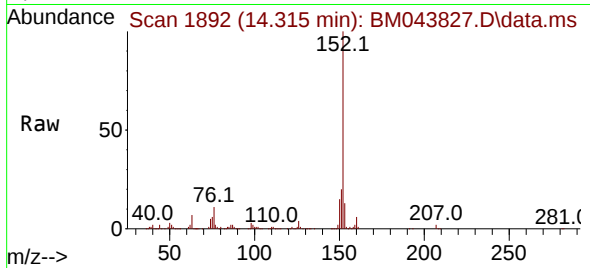
Tgt Ion:165 Resp: 37648
Ion Ratio Lower Upper
165 100
89 68.7 49.5 74.3
121 25.0 17.8 26.6





#50
Acenaphthylene
Concen: 3.875 ng/ul
RT: 14.315 min Scan# 1892
Delta R.T. -0.006 min
Lab File: BM043827.D
Acq: 12 Jan 2024 13:55

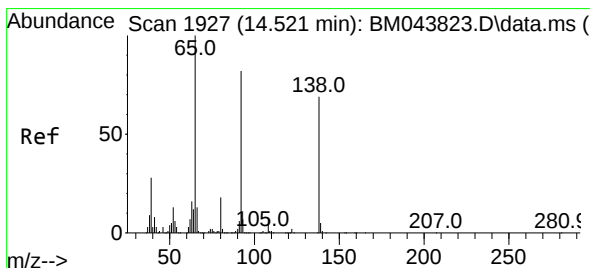
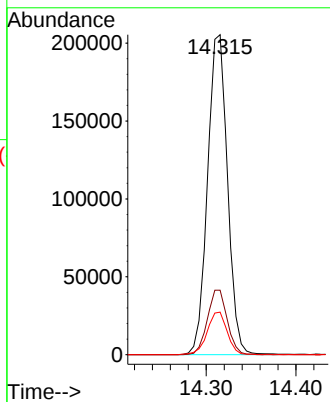
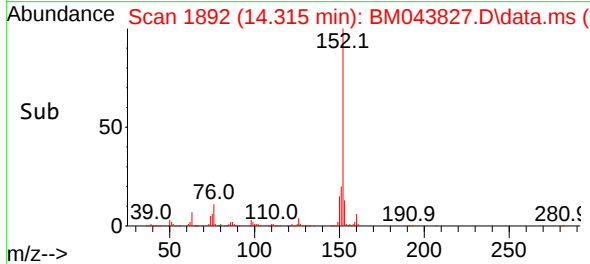
Instrument : BNA_M
ClientSampleId :
MDL-MED-SOIL-QT4-2023-07



Tgt Ion:152 Resp: 31693
Ion Ratio Lower Upper
152 100
151 20.2 15.9 23.9
153 13.3 10.5 15.7

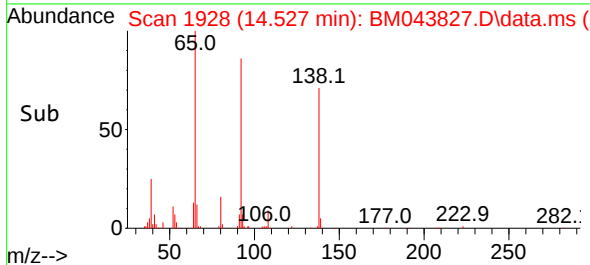
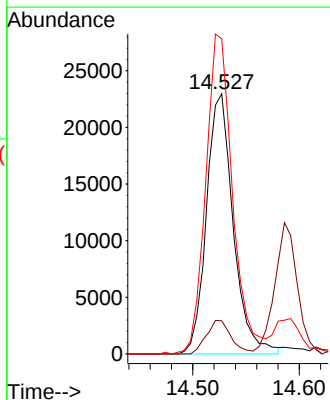
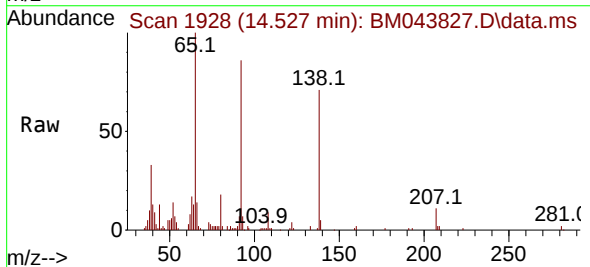
Manual Integrations
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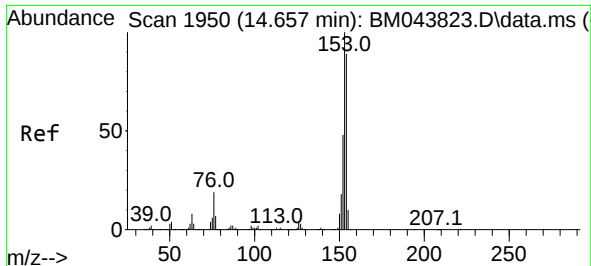
Reviewed By :Jagrut Upadhyay 01/15/2024
Supervised By :mohammad ahmed 01/16/2024



#51
3-Nitroaniline
Concen: 3.104 ng/ul
RT: 14.527 min Scan# 1928
Delta R.T. 0.006 min
Lab File: BM043827.D
Acq: 12 Jan 2024 13:55

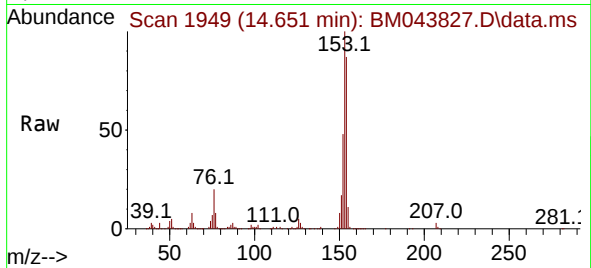
Tgt Ion:138 Resp: 40207
Ion Ratio Lower Upper
138 100
108 12.7 7.9 11.9#
92 121.2 92.2 138.2





#52
Acenaphthene
Concen: 3.881 ng/ul
RT: 14.651 min Scan# 1949
Delta R.T. -0.006 min
Lab File: BM043827.D
Acq: 12 Jan 2024 13:55

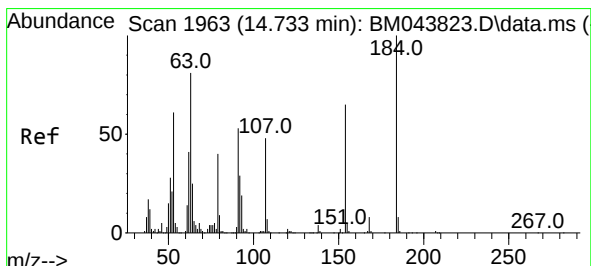
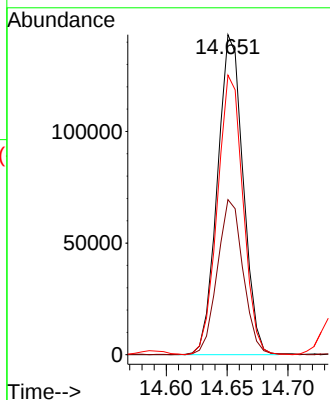
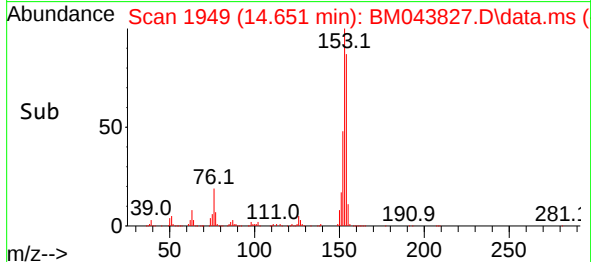
Instrument : BNA_M
ClientSampleId : MDL-MED-SOIL-QT4-2023-07



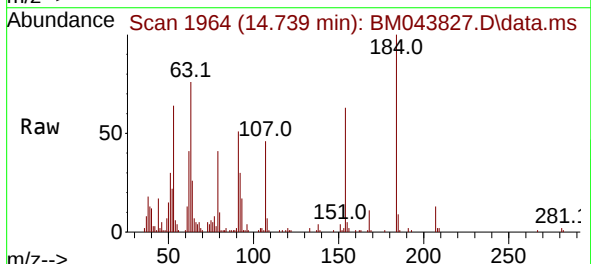
Tgt Ion:153 Resp: 210504
Ion Ratio Lower Upper
153 100
152 48.5 38.5 57.7
154 87.4 71.2 106.8

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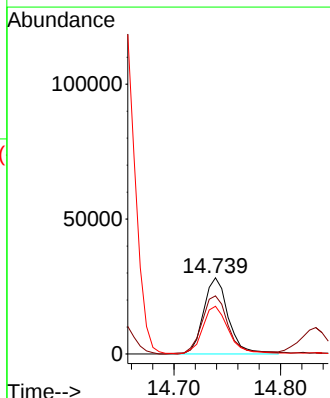
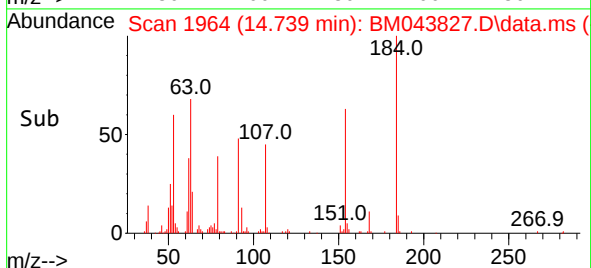
Reviewed By :Jagrut Upadhyay 01/15/2024
Supervised By :mohammad ahmed 01/16/2024

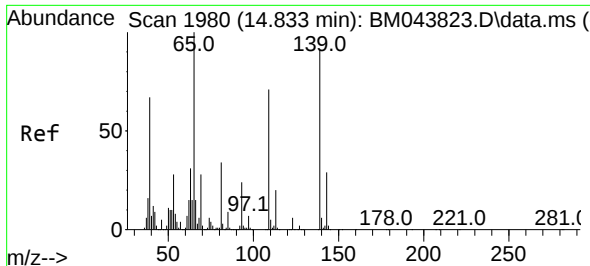


#53
2,4-Dinitrophenol
Concen: 5.985 ng/ul
RT: 14.739 min Scan# 1964
Delta R.T. -0.000 min
Lab File: BM043827.D
Acq: 12 Jan 2024 13:55



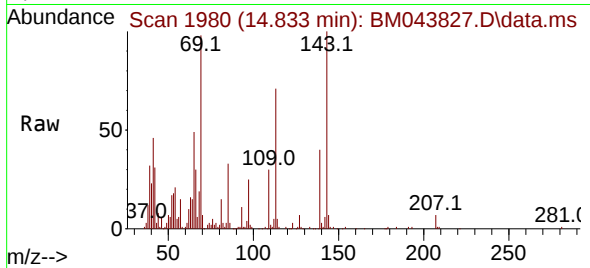
Tgt Ion:184 Resp: 45554
Ion Ratio Lower Upper
184 100
63 76.3 60.0 90.0
154 62.6 51.7 77.5





#55
4-Nitrophenol
Concen: 3.497 ng/ul
RT: 14.833 min Scan# 1980
Delta R.T. -0.006 min
Lab File: BM043827.D
Acq: 12 Jan 2024 13:55

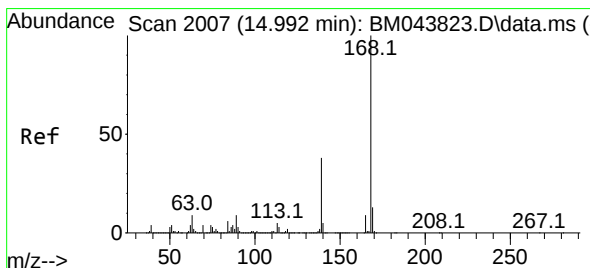
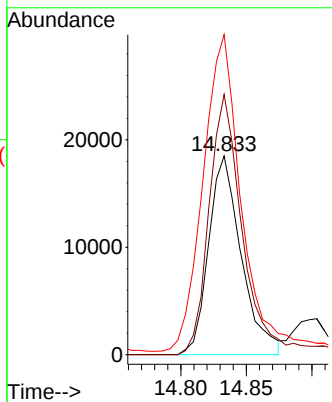
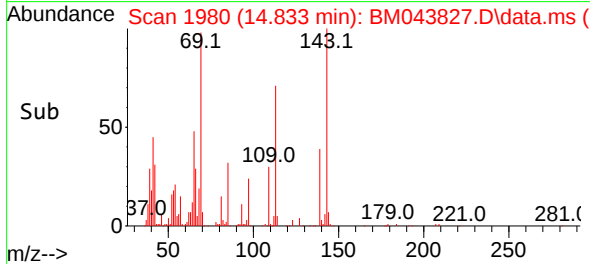
Instrument : BNA_M
ClientSampleId : MDL-MED-SOIL-QT4-2023-07



Tgt Ion:109 Resp: 32084
Ion Ratio Lower Upper
109 100
139 131.0 112.6 168.8
65 161.1 118.5 177.7

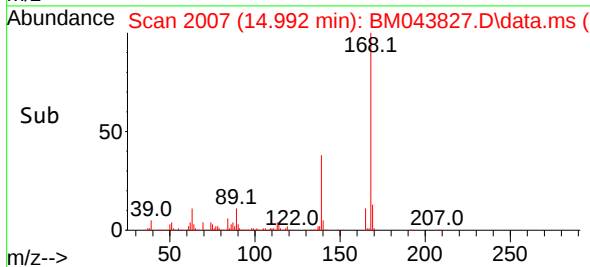
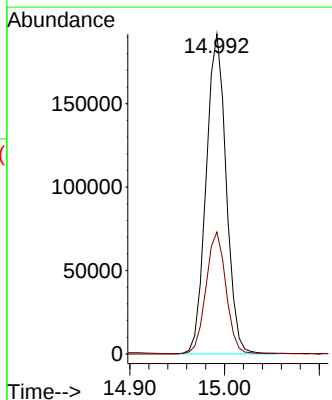
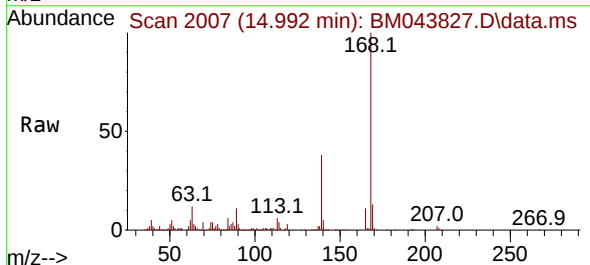
Manual Integrations
APPROVED

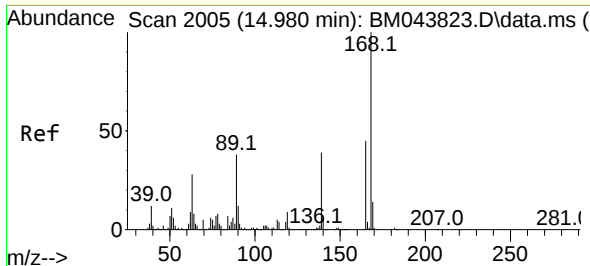
Reviewed By :Jagrut Upadhyay 01/15/2024
Supervised By :mohammad ahmed 01/16/2024



#56
Dibenzofuran
Concen: 3.877 ng/ul
RT: 14.992 min Scan# 2007
Delta R.T. -0.000 min
Lab File: BM043827.D
Acq: 12 Jan 2024 13:55

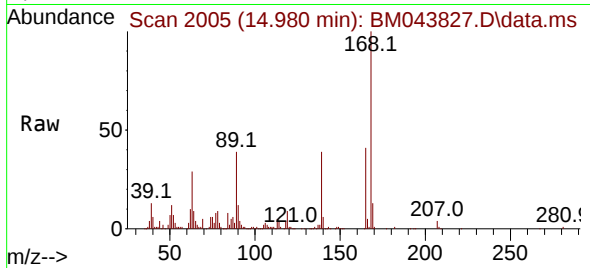
Tgt Ion:168 Resp: 282524
Ion Ratio Lower Upper
168 100
139 38.1 30.2 45.2





#57
2,4-Dinitrotoluene
Concen: 3.331 ng/ul
RT: 14.980 min Scan# 2005
Delta R.T. -0.000 min
Lab File: BM043827.D
Acq: 12 Jan 2024 13:55

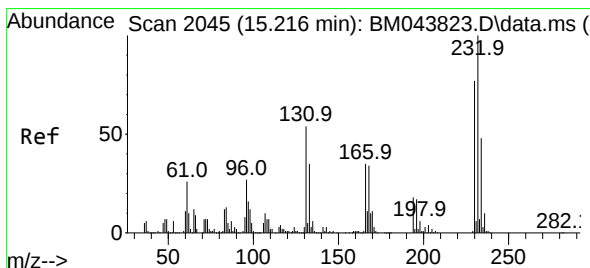
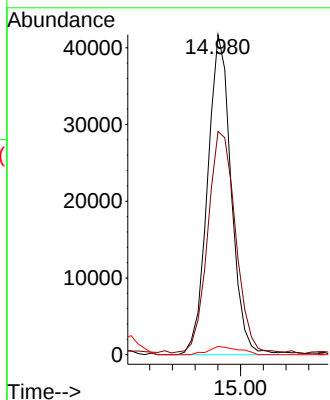
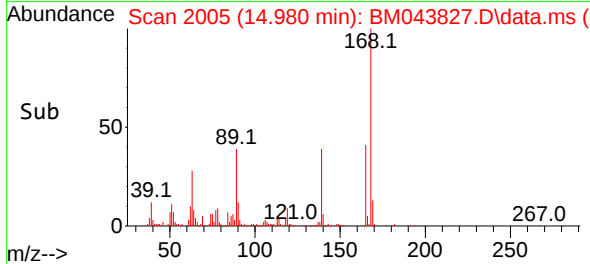
Instrument : BNA_M
ClientSampleId :
MDL-MED-SOIL-QT4-2023-07



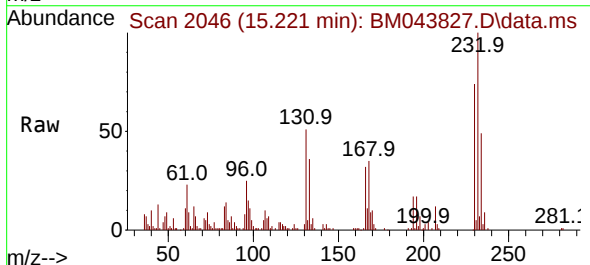
Tgt Ion:165 Resp: 60109
Ion Ratio Lower Upper
165 100
63 69.7 45.7 68.5
182 2.6 2.0 3.0

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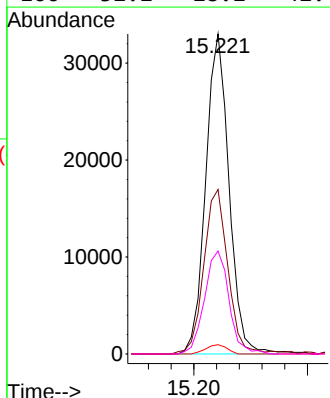
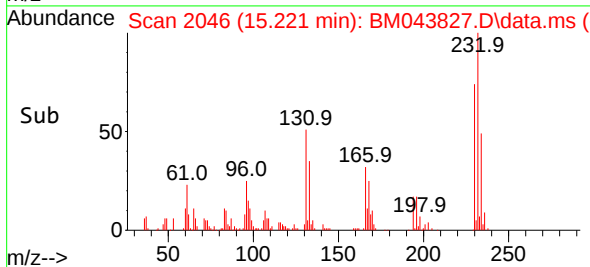
Reviewed By :Jagrut Upadhyay 01/15/2024
Supervised By :mohammad ahmed 01/16/2024

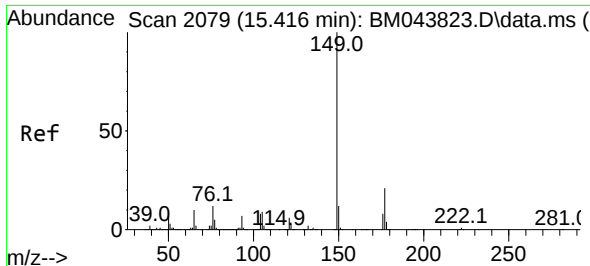


#58
2,3,4,6-Tetrachlorophenol
Concen: 3.429 ng/ul
RT: 15.221 min Scan# 2046
Delta R.T. -0.000 min
Lab File: BM043827.D
Acq: 12 Jan 2024 13:55



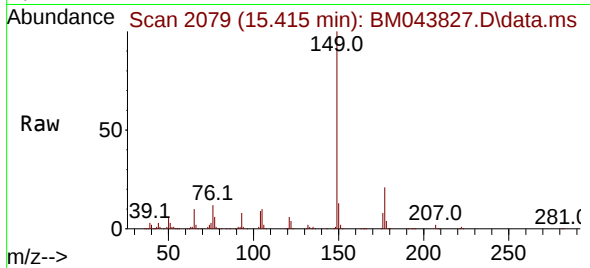
Tgt Ion:232 Resp: 47018
Ion Ratio Lower Upper
232 100
131 51.4 43.3 64.9
130 2.9 2.2 3.2
166 32.2 28.2 42.4





#59
Diethylphthalate
Concen: 3.606 ng/u1
RT: 15.415 min Scan# 2079
Delta R.T. -0.006 min
Lab File: BM043827.D
Acq: 12 Jan 2024 13:55

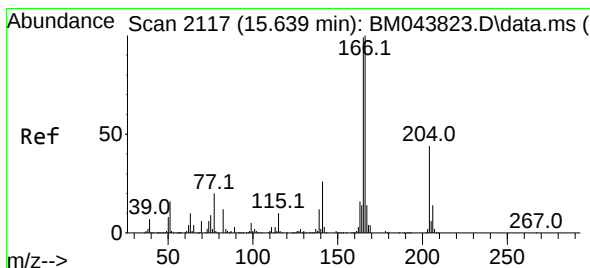
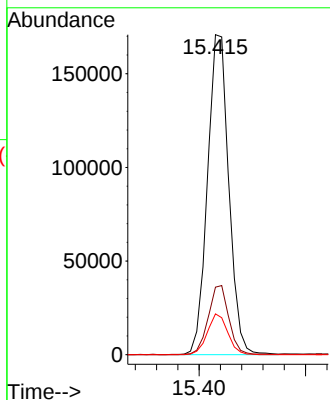
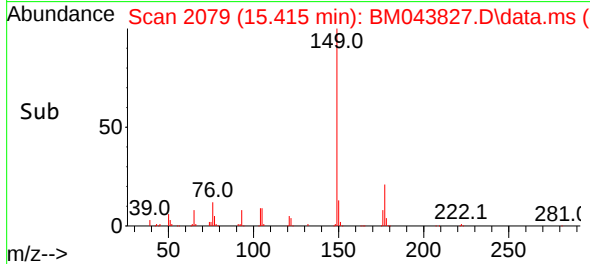
Instrument :
BNA_M
ClientSampleId :
MDL-MED-SOIL-QT4-2023-07



Tgt Ion:149 Resp: 237599
Ion Ratio Lower Upper
149 100
177 21.1 17.1 25.7
150 12.8 9.7 14.5

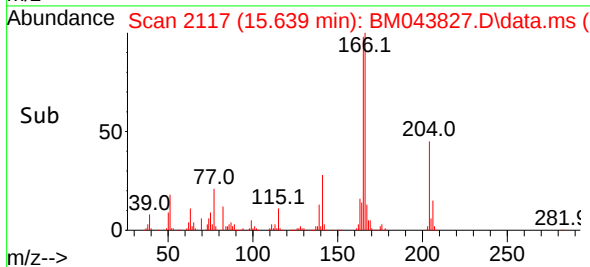
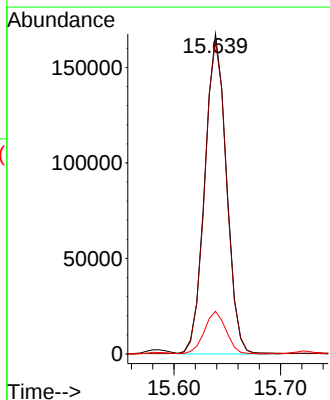
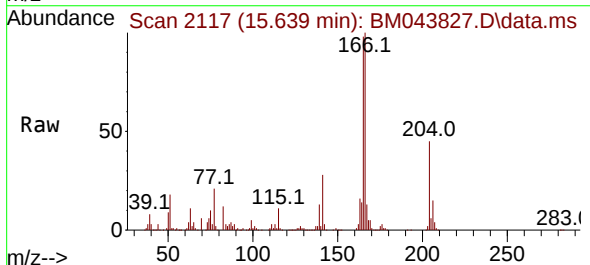
Manual Integrations
APPROVED

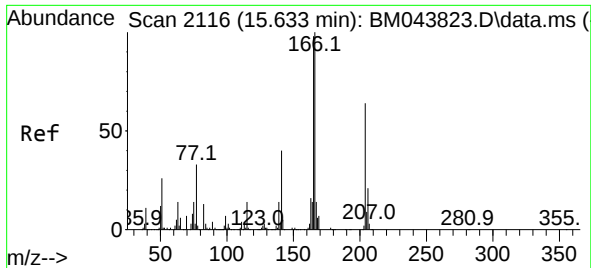
Reviewed By :Jagrut Upadhyay 01/15/2024
Supervised By :mohammad ahmed 01/16/2024



#61
Fluorene
Concen: 3.800 ng/u1
RT: 15.639 min Scan# 2117
Delta R.T. -0.006 min
Lab File: BM043827.D
Acq: 12 Jan 2024 13:55

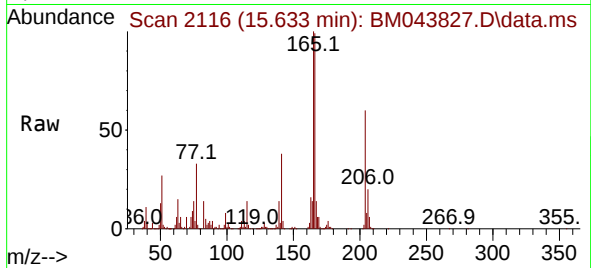
Tgt Ion:166 Resp: 237398
Ion Ratio Lower Upper
166 100
165 98.0 78.0 117.0
167 13.4 10.6 16.0





#62
4-Chlorophenyl-phenylether
Concen: 3.735 ng/ul
RT: 15.633 min Scan# 2116
Delta R.T. -0.006 min
Lab File: BM043827.D
Acq: 12 Jan 2024 13:55

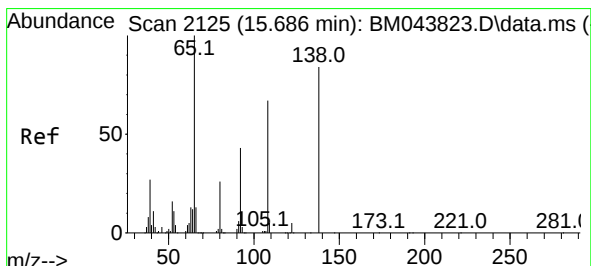
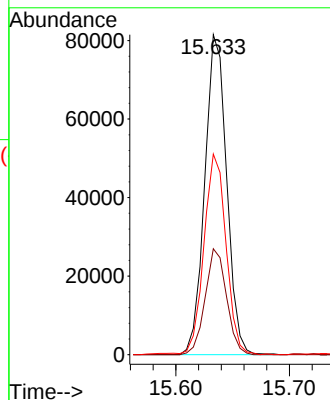
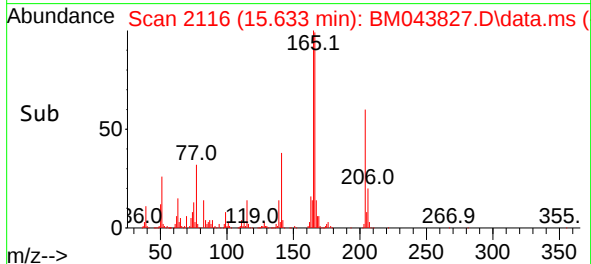
Instrument :
BNA_M
ClientSampleId :
MDL-MED-SOIL-QT4-2023-07



Tgt Ion:204 Resp: 109208
Ion Ratio Lower Upper
204 100
206 33.1 26.4 39.6
141 62.7 50.3 75.5

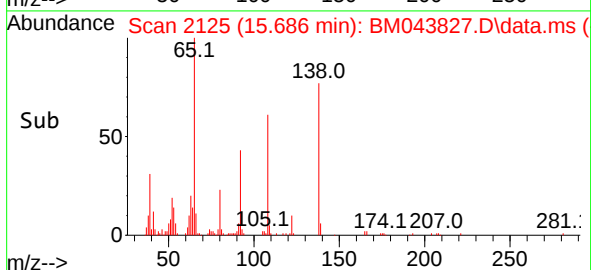
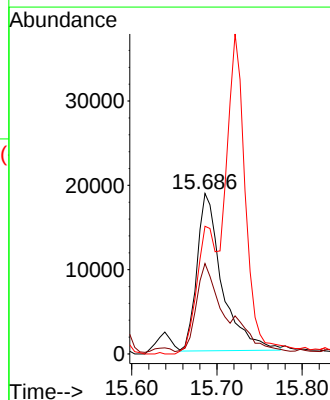
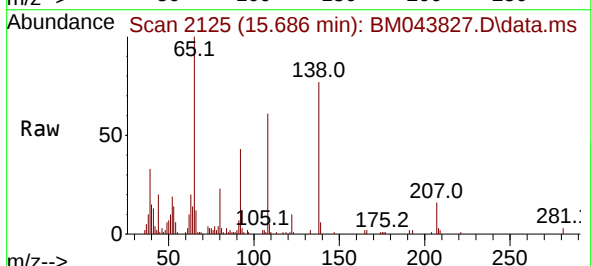
Manual Integrations
APPROVED

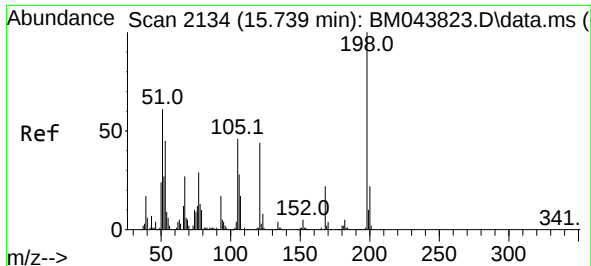
Reviewed By :Jagrut Upadhyay 01/15/2024
Supervised By :mohammad ahmed 01/16/2024



#63
4-Nitroaniline
Concen: 3.674 ng/ul
RT: 15.686 min Scan# 2125
Delta R.T. -0.000 min
Lab File: BM043827.D
Acq: 12 Jan 2024 13:55

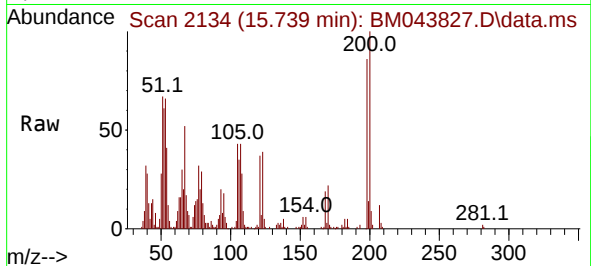
Tgt Ion:138 Resp: 38237
Ion Ratio Lower Upper
138 100
92 56.3 43.3 64.9
108 79.6 63.8 95.8





#66
4,6-Dinitro-2-methylphenol
Concen: 3.710 ng/ul
RT: 15.739 min Scan# 2134
Delta R.T. -0.006 min
Lab File: BM043827.D
Acq: 12 Jan 2024 13:55

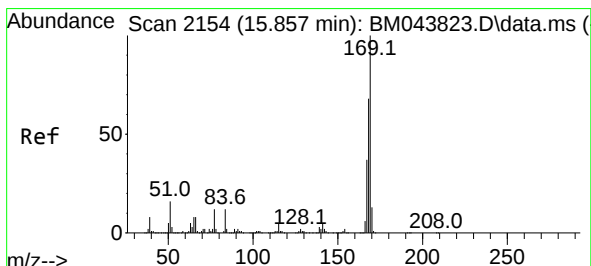
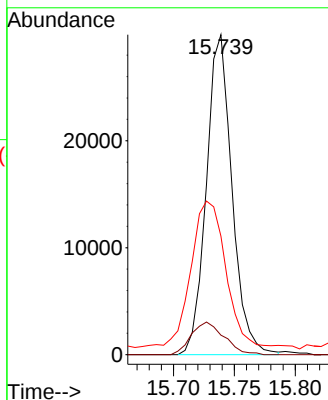
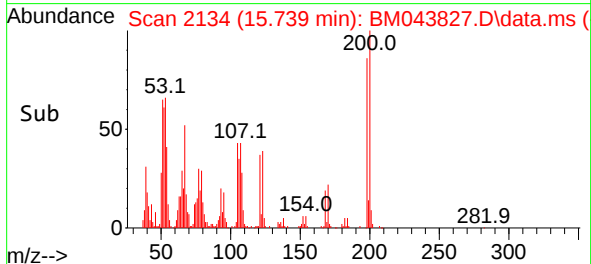
Instrument :
BNA_M
ClientSampleId :
MDL-MED-SOIL-QT4-2023-07



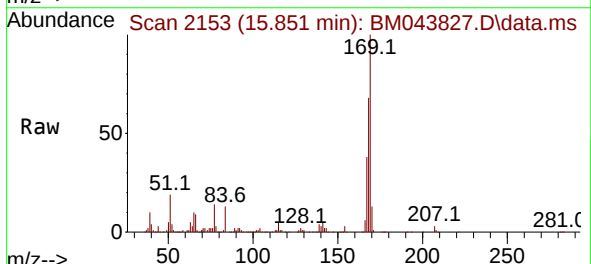
Tgt Ion:198 Resp: 43951
Ion Ratio Lower Upper
198 100
182 6.1 3.4 5.2
77 37.0 21.4 32.2

Manual Integrations
APPROVED

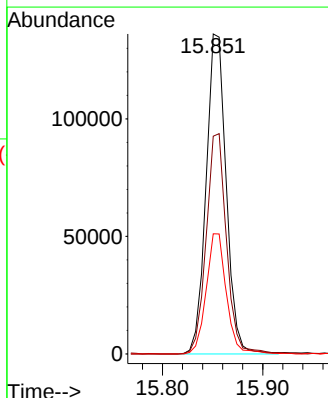
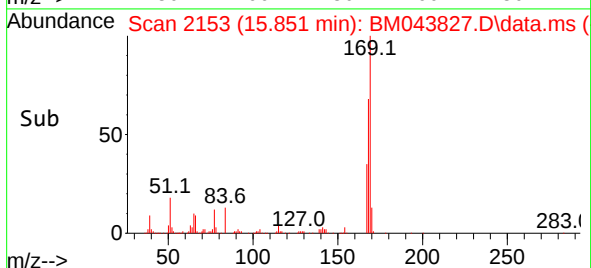
Reviewed By :Jagrut Upadhyay 01/15/2024
Supervised By :mohammad ahmed 01/16/2024

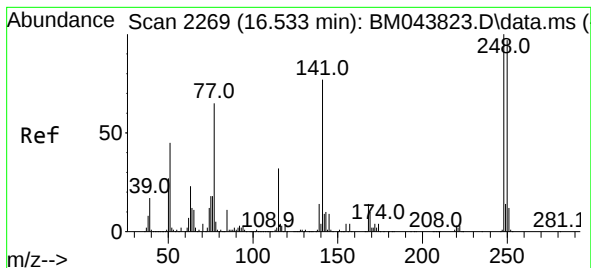


#67
N-Nitrosodiphenylamine
Concen: 3.706 ng/ul
RT: 15.851 min Scan# 2153
Delta R.T. -0.006 min
Lab File: BM043827.D
Acq: 12 Jan 2024 13:55



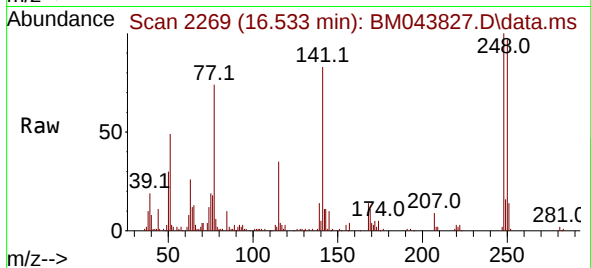
Tgt Ion:169 Resp: 190078
Ion Ratio Lower Upper
169 100
168 68.1 53.9 80.9
167 37.5 29.8 44.6





#68
4-Bromophenyl-phenylether
Concen: 3.549 ng/ul
RT: 16.533 min Scan# 2269
Delta R.T. -0.000 min
Lab File: BM043827.D
Acq: 12 Jan 2024 13:55

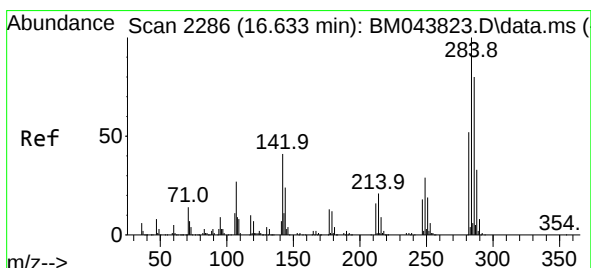
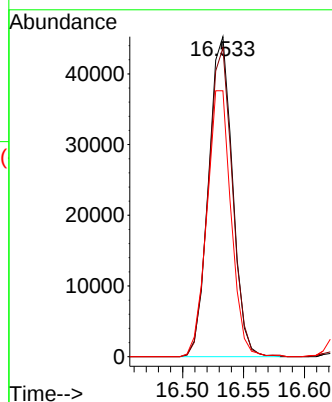
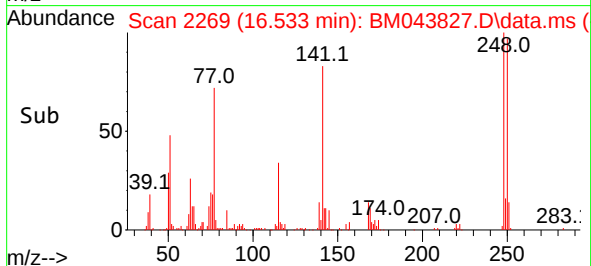
Instrument :
BNA_M
ClientSampleId :
MDL-MED-SOIL-QT4-2023-07



Tgt Ion:248 Resp: 61880
Ion Ratio Lower Upper
248 100
250 96.5 78.2 117.2
141 83.1 64.8 97.2

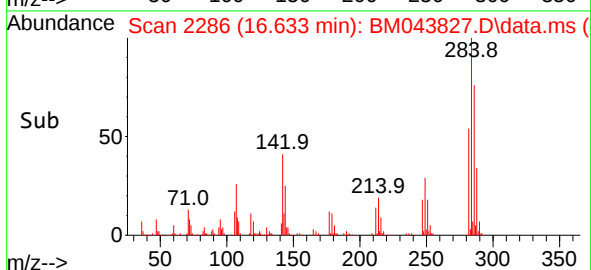
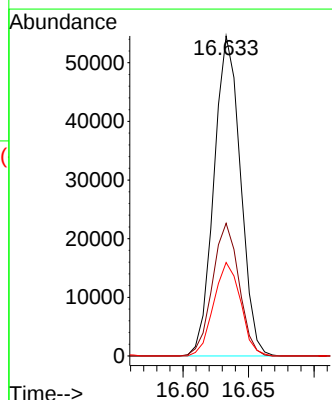
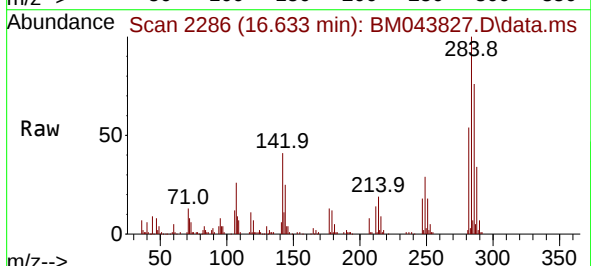
Manual Integrations
APPROVED

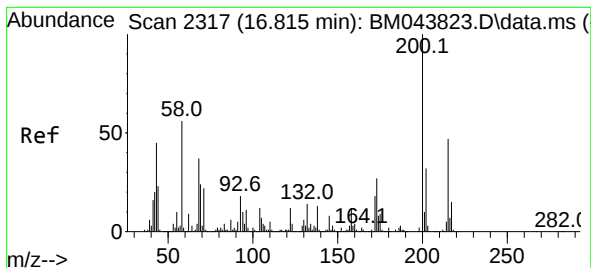
Reviewed By :Jagrut Upadhyay 01/15/2024
Supervised By :mohammad ahmed 01/16/2024



#69
Hexachlorobenzene
Concen: 3.731 ng/ul
RT: 16.633 min Scan# 2286
Delta R.T. -0.006 min
Lab File: BM043827.D
Acq: 12 Jan 2024 13:55

Tgt Ion:284 Resp: 76757
Ion Ratio Lower Upper
284 100
142 41.5 31.0 46.6
249 29.2 23.8 35.8





#70

Atrazine

Concen: 3.382 ng/ul

RT: 16.815 min Scan# 2317

Delta R.T. -0.006 min

Lab File: BM043827.D

Acq: 12 Jan 2024 13:55

Instrument :

BNA_M

ClientSampleId :

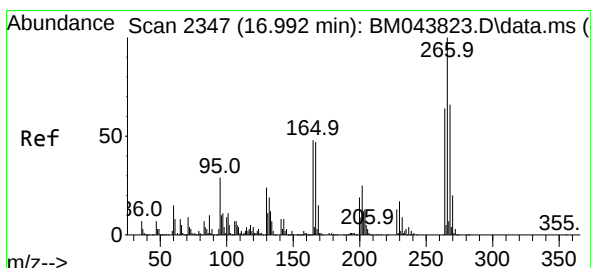
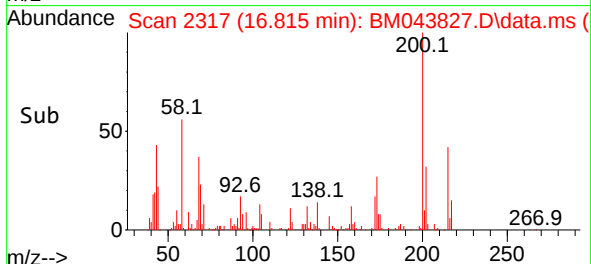
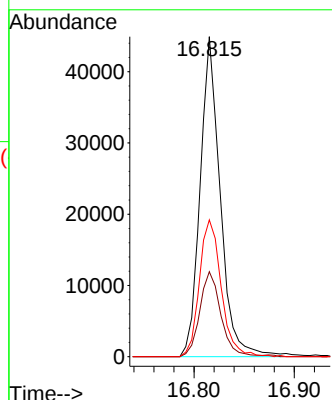
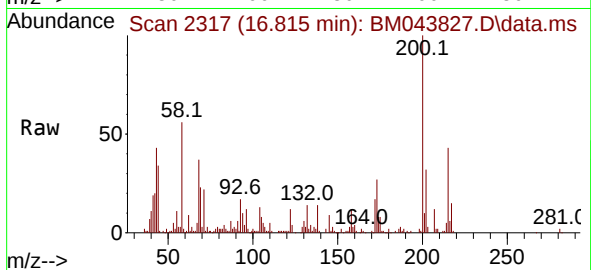
MDL-MED-SOIL-QT4-2023-07

Tgt Ion:	200	Resp:	6274
Ion Ratio	Lower	Upper	
200	100		
173	26.6	22.0	33.0
215	42.7	38.7	58.1

Manual Integrations

APPROVED

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



#71

Pentachlorophenol

Concen: 4.806 ng/ul

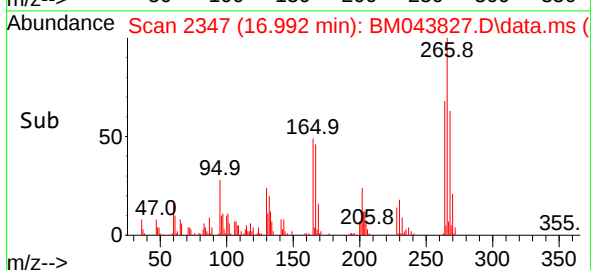
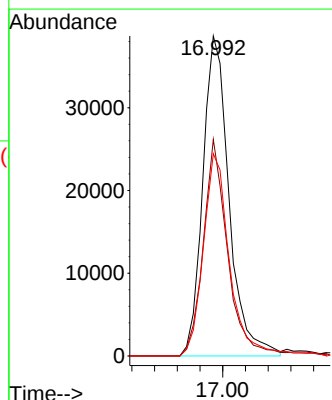
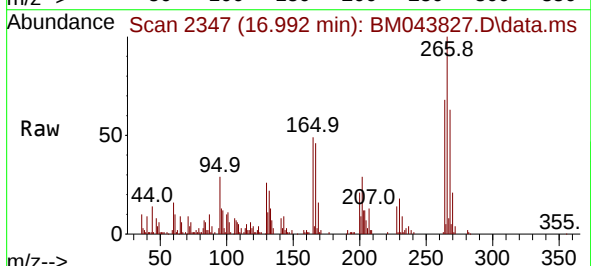
RT: 16.992 min Scan# 2347

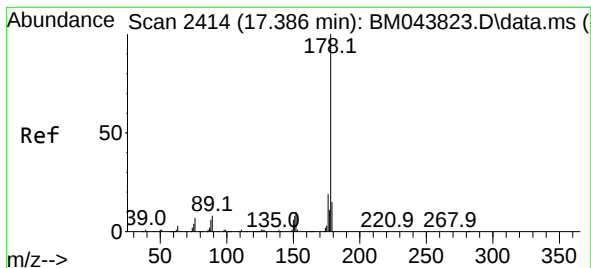
Delta R.T. -0.006 min

Lab File: BM043827.D

Acq: 12 Jan 2024 13:55

Tgt Ion:	266	Resp:	62165
Ion Ratio	Lower	Upper	
266	100		
264	67.6	50.0	75.0
268	63.2	51.6	77.4





#72

Phenanthrene

Concen: 3.818 ng/ul

RT: 17.386 min Scan# 2414

Delta R.T. -0.000 min

Lab File: BM043827.D

Acq: 12 Jan 2024 13:55

Instrument :

BNA_M

ClientSampleId :

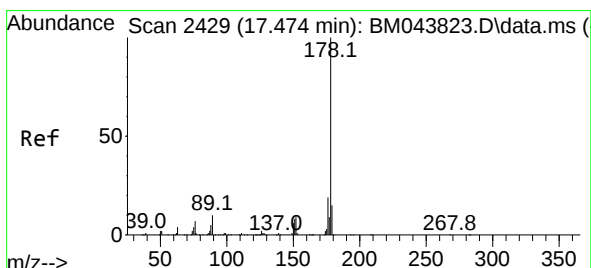
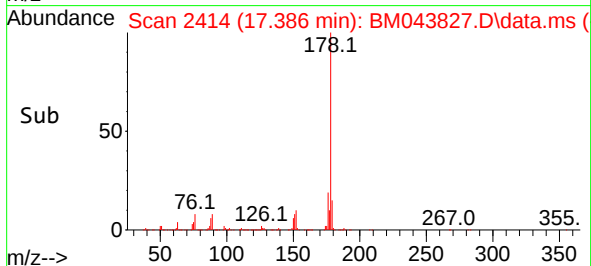
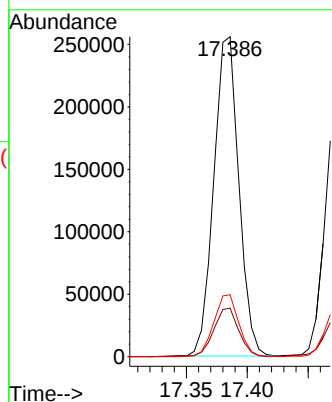
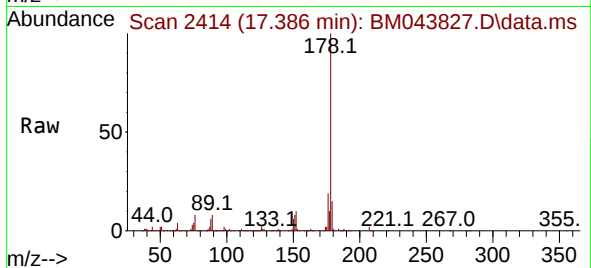
MDL-MED-SOIL-QT4-2023-07

Tgt Ion:178 Resp: 365458
 Ion Ratio Lower Upper
 178 100
 179 15.1 12.6 18.8
 176 19.4 15.6 23.4

Manual Integrations

APPROVED

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



#74

Anthracene

Concen: 3.646 ng/ul

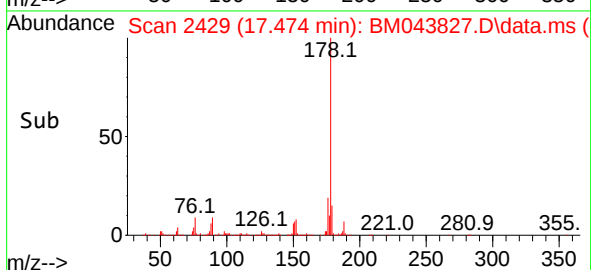
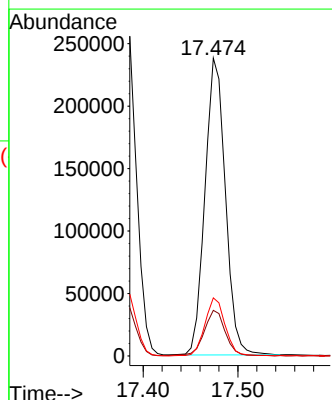
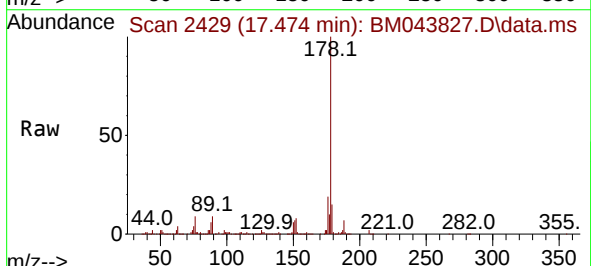
RT: 17.474 min Scan# 2429

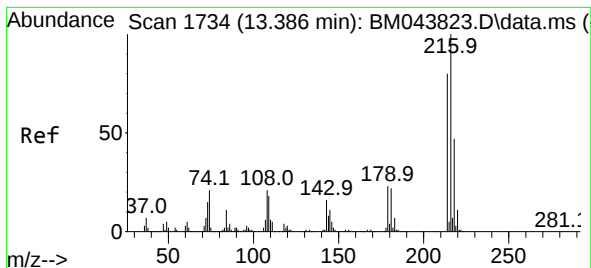
Delta R.T. -0.006 min

Lab File: BM043827.D

Acq: 12 Jan 2024 13:55

Tgt Ion:178 Resp: 355147
 Ion Ratio Lower Upper
 178 100
 179 15.3 12.3 18.5
 176 19.5 15.2 22.8





#75

1,2,3,4-Tetrachlorobenzene

Concen: 3.655 ng/uL

RT: 13.386 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM043827.D

Acq: 12 Jan 2024 13:55

Instrument :

BNA_M

ClientSampleId :

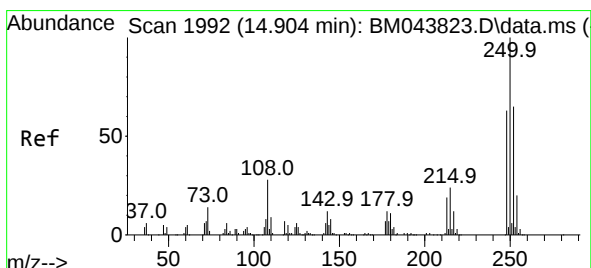
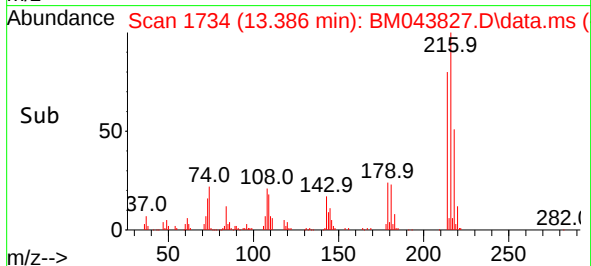
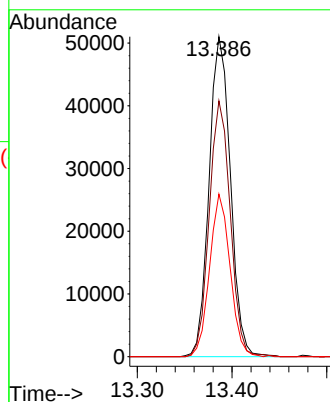
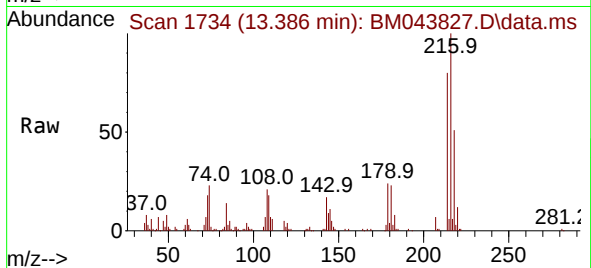
MDL-MED-SOIL-QT4-2023-07

Tgt Ion:	216	Resp:	7986
Ion Ratio	Lower	Upper	
216	100		
214	79.9	62.5	93.7
218	50.8	38.1	57.1

Manual Integrations

APPROVED

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



#76

Pentachlorobenzene

Concen: 4.003 ng/uL

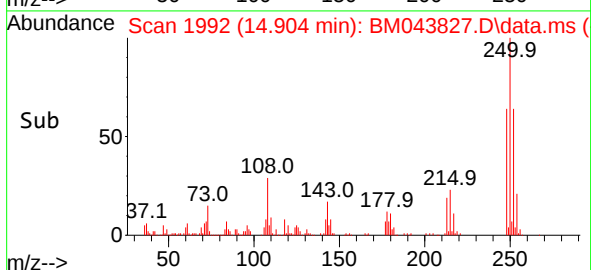
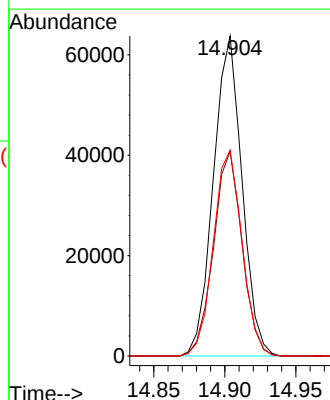
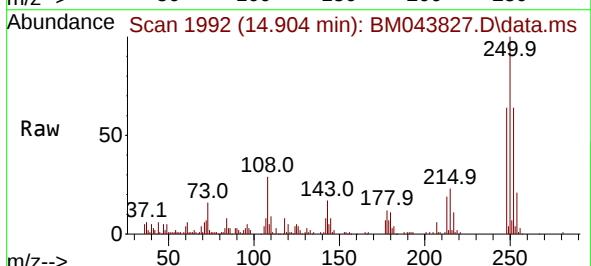
RT: 14.904 min Scan# 1992

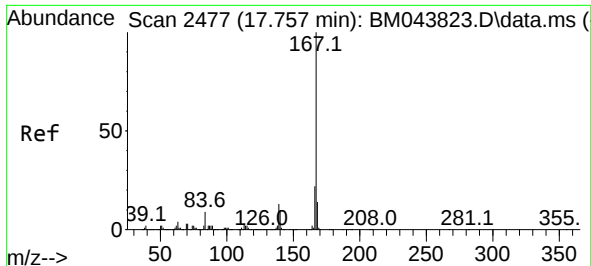
Delta R.T. -0.000 min

Lab File: BM043827.D

Acq: 12 Jan 2024 13:55

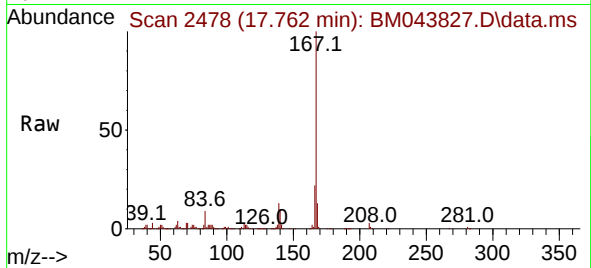
Tgt Ion:	250	Resp:	89237
Ion Ratio	Lower	Upper	
250	100		
248	63.9	49.4	74.0
252	64.3	50.6	75.8





#77
Carbazole
Concen: 3.398 ng/ul
RT: 17.762 min Scan# 2477
Delta R.T. -0.000 min
Lab File: BM043827.D
Acq: 12 Jan 2024 13:55

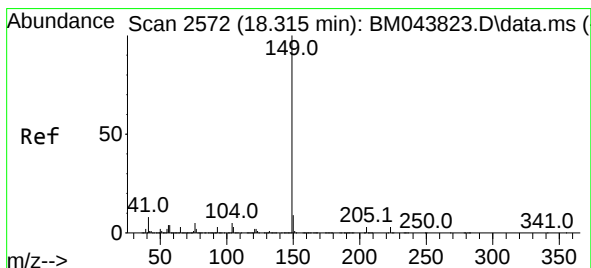
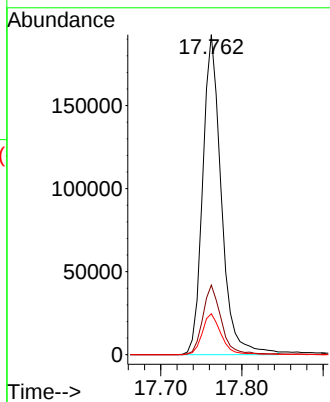
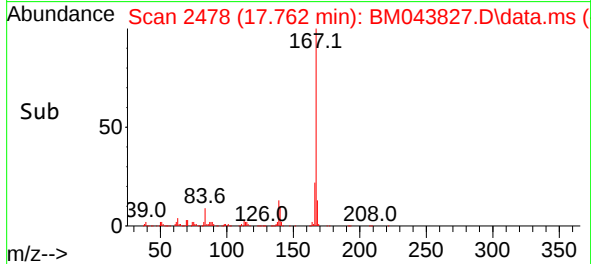
Instrument :
BNA_M
ClientSampleId :
MDL-MED-SOIL-QT4-2023-07



Tgt Ion:167 Resp: 30682
Ion Ratio Lower Upper
167 100
166 21.8 17.4 26.2
139 12.8 10.4 15.6

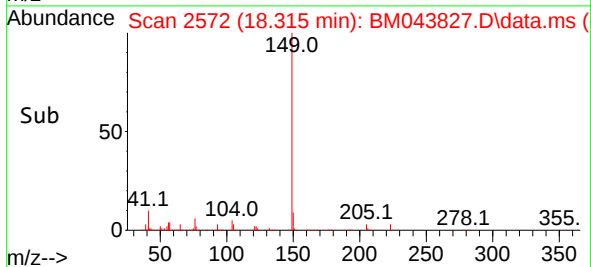
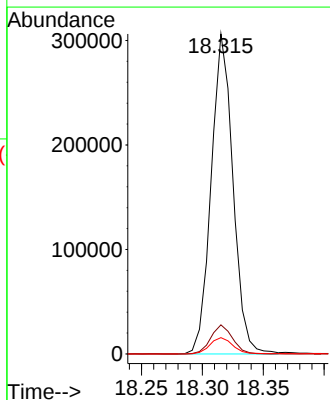
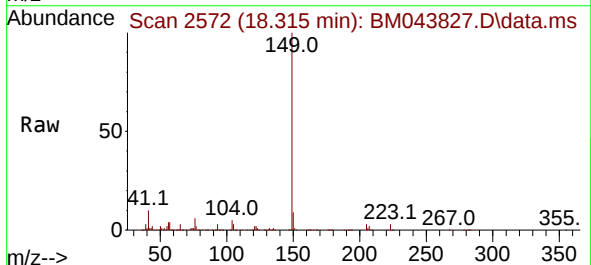
Manual Integrations
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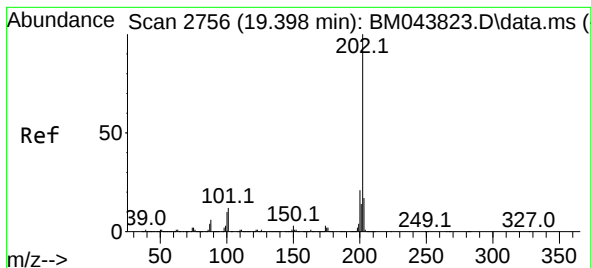
Reviewed By :Jagrut Upadhyay 01/15/2024
Supervised By :mohammad ahmed 01/16/2024



#78
Di-n-butylphthalate
Concen: 3.118 ng/ul
RT: 18.315 min Scan# 2572
Delta R.T. -0.006 min
Lab File: BM043827.D
Acq: 12 Jan 2024 13:55

Tgt Ion:149 Resp: 382363
Ion Ratio Lower Upper
149 100
150 9.1 7.3 10.9
104 5.1 3.8 5.8





#80

Fluoranthene

Concen: 3.728 ng/ul

RT: 19.403 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM043827.D

Acq: 12 Jan 2024 13:55

Instrument :

BNA_M

ClientSampleId :

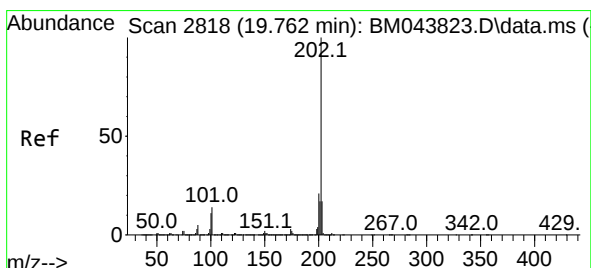
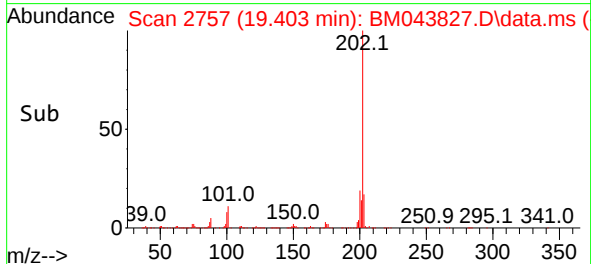
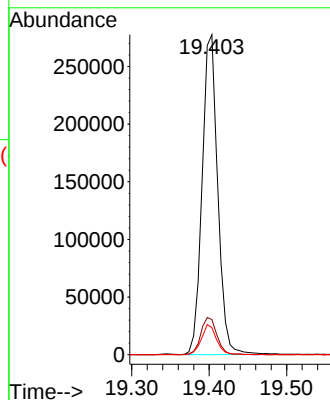
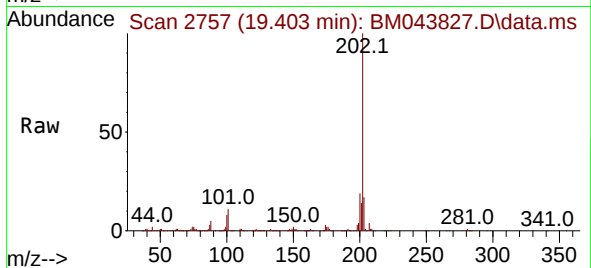
MDL-MED-SOIL-QT4-2023-07

Tgt Ion:202 Resp: 388702
 Ion Ratio Lower Upper
 202 100
 101 11.0 9.4 14.2
 100 8.5 7.0 10.6

Manual Integrations

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



#82

Pyrene

Concen: 3.910 ng/ul

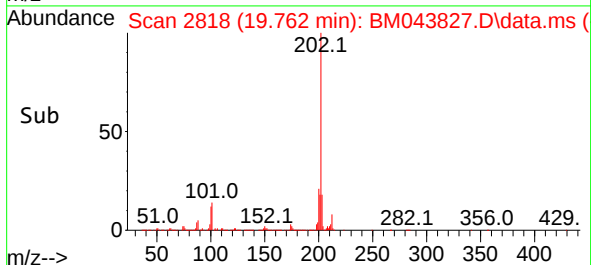
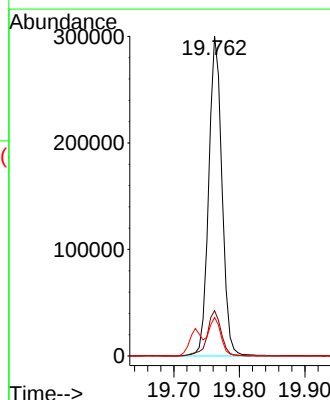
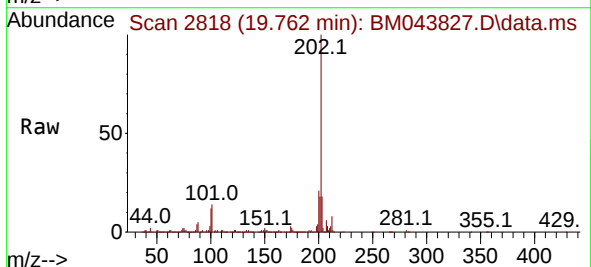
RT: 19.762 min Scan# 2818

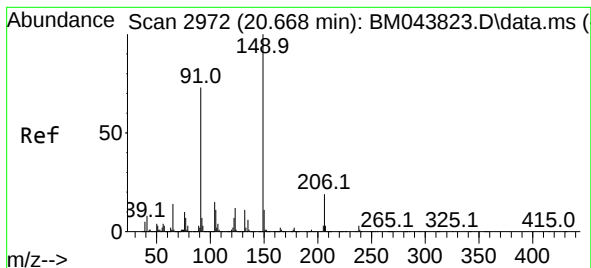
Delta R.T. -0.006 min

Lab File: BM043827.D

Acq: 12 Jan 2024 13:55

Tgt Ion:202 Resp: 422456
 Ion Ratio Lower Upper
 202 100
 101 14.2 10.7 16.1
 100 12.0 8.6 12.8





#83

Butylbenzylphthalate

Concen: 3.156 ng/ul

RT: 20.668 min Scan# 2972

Delta R.T. -0.006 min

Lab File: BM043827.D

Acq: 12 Jan 2024 13:55

Instrument :

BNA_M

ClientSampleId :

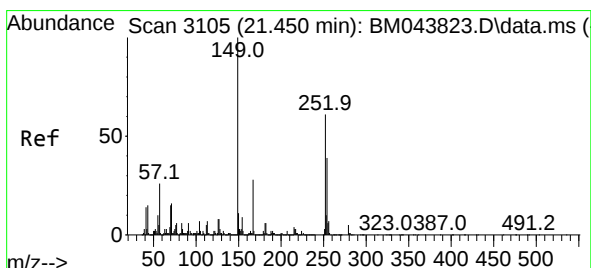
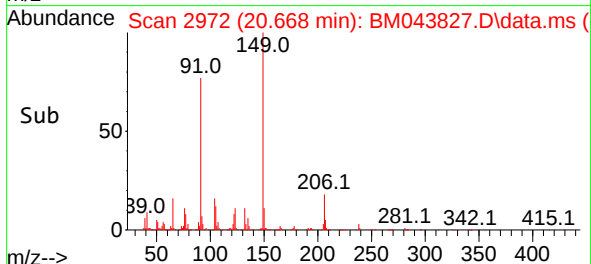
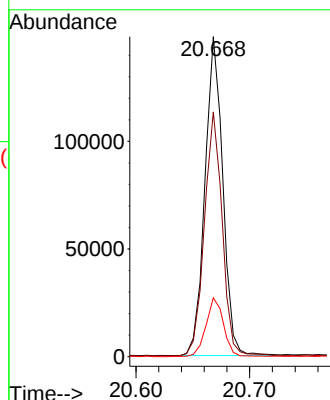
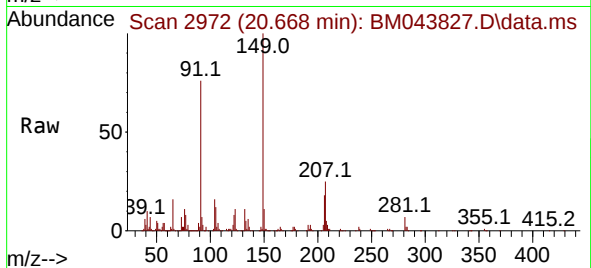
MDL-MED-SOIL-QT4-2023-07

Tgt Ion:	149	Resp:	161264
Ion Ratio	Lower	Upper	
149	100		
91	76.5	56.5	84.7
206	18.4	15.5	23.3

Manual Integrations

APPROVED

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



#84

3,3'-Dichlorobenzidine

Concen: 3.352 ng/ul

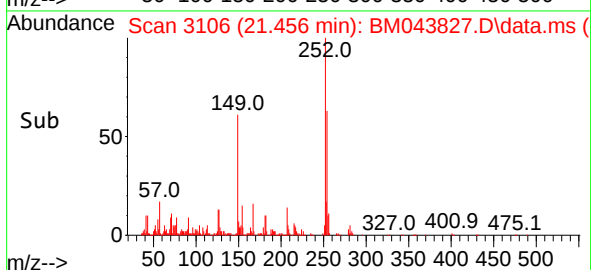
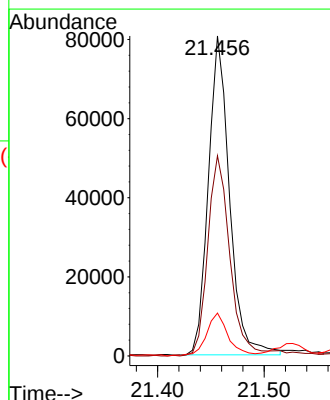
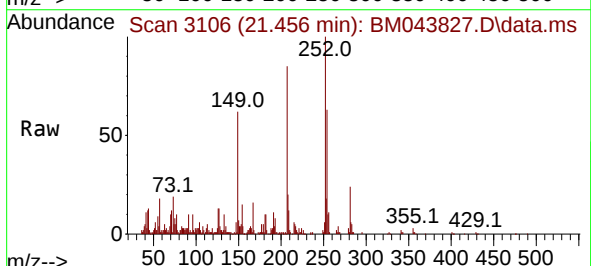
RT: 21.456 min Scan# 3106

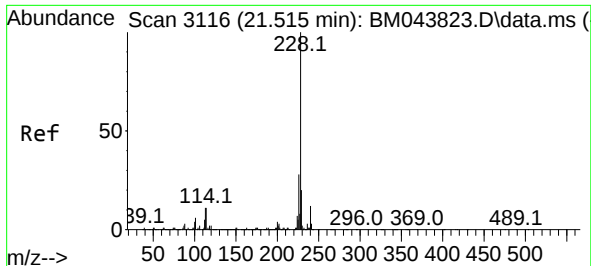
Delta R.T. -0.000 min

Lab File: BM043827.D

Acq: 12 Jan 2024 13:55

Tgt Ion:	252	Resp:	111330
Ion Ratio	Lower	Upper	
252	100		
254	62.6	52.1	78.1
126	13.4	9.8	14.8





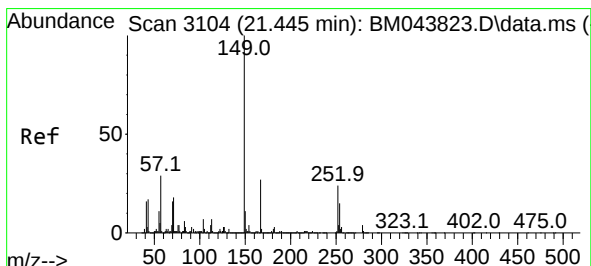
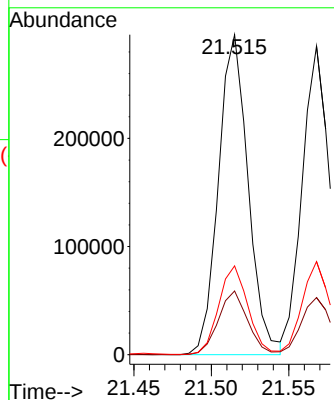
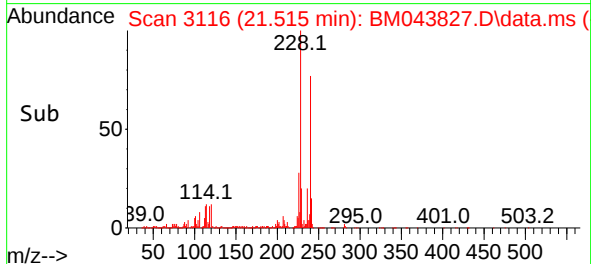
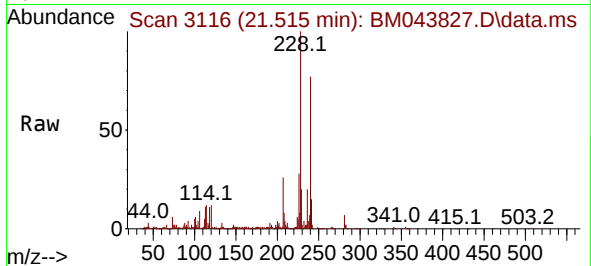
#85
Benzo(a)anthracene
Concen: 3.747 ng/ul
RT: 21.515 min Scan# 3116
Delta R.T. -0.006 min
Lab File: BM043827.D
Acq: 12 Jan 2024 13:55

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

Tgt Ion:228 Resp: 394779
Ion Ratio Lower Upper
228 100
229 19.9 15.5 23.3
226 27.8 22.3 33.5

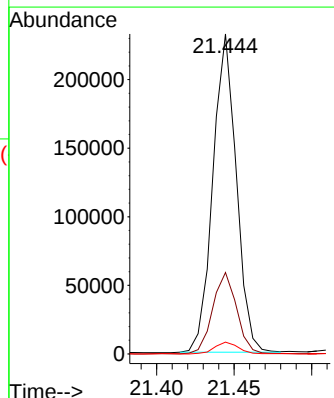
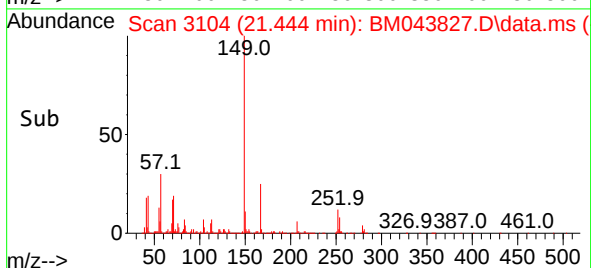
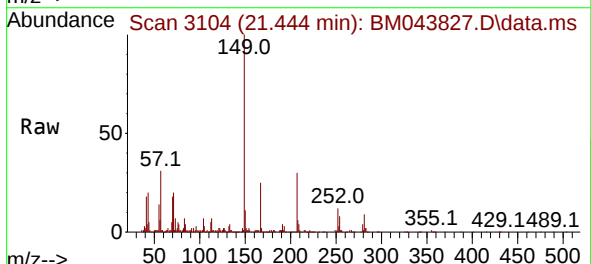
Manual Integrations
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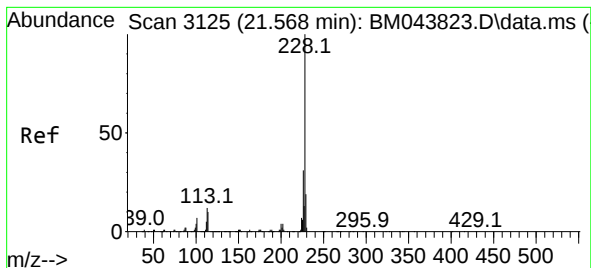
Reviewed By :Jagrut Upadhyay 01/15/2024
Supervised By :mohammad ahmed 01/16/2024



#86
Bis(2-ethylhexyl)phthalate
Concen: 2.996 ng/ul
RT: 21.444 min Scan# 3104
Delta R.T. -0.000 min
Lab File: BM043827.D
Acq: 12 Jan 2024 13:55

Tgt Ion:149 Resp: 243792
Ion Ratio Lower Upper
149 100
167 25.4 21.5 32.3
279 3.7 2.8 4.2





#87

Chrysene

Concen: 3.804 ng/ul

RT: 21.568 min Scan# 3125

Delta R.T. -0.006 min

Lab File: BM043827.D

Acq: 12 Jan 2024 13:55

Instrument :

BNA_M

ClientSampleId :

MDL-MED-SOIL-QT4-2023-07

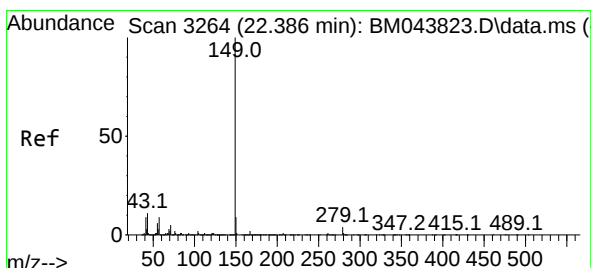
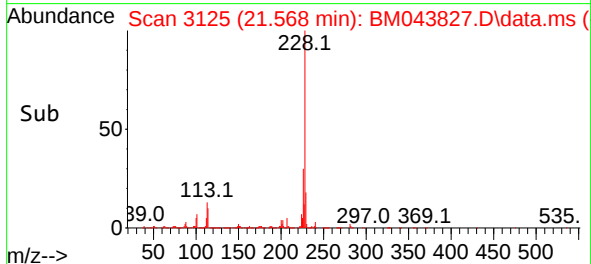
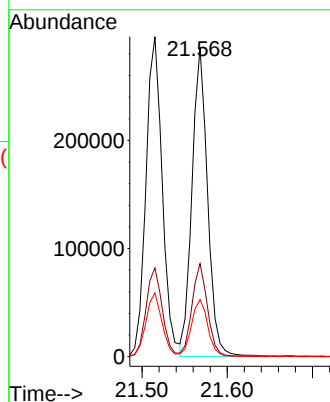
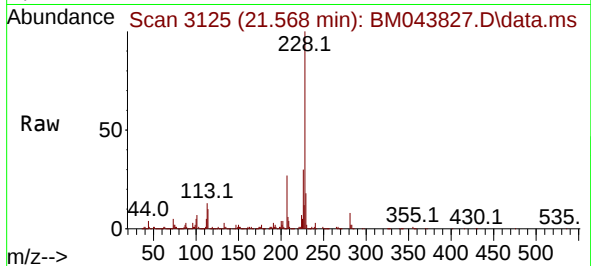
Tgt Ion:228 Resp: 361710

Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.6	36.8
229	18.5	15.8	23.8

Manual Integrations

APPROVED

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



#89

Di-n-octyl phthalate

Concen: 2.884 ng/ul

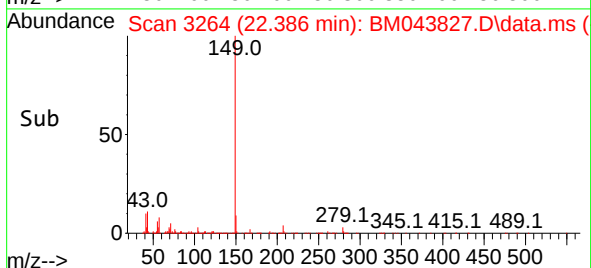
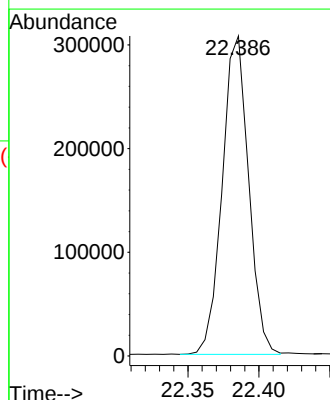
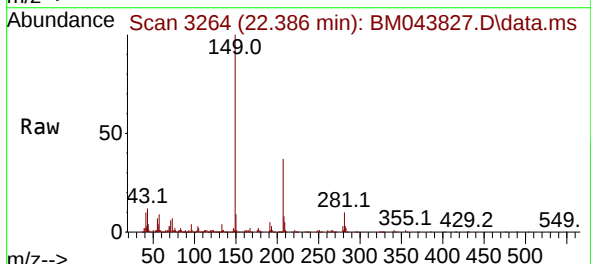
RT: 22.386 min Scan# 3264

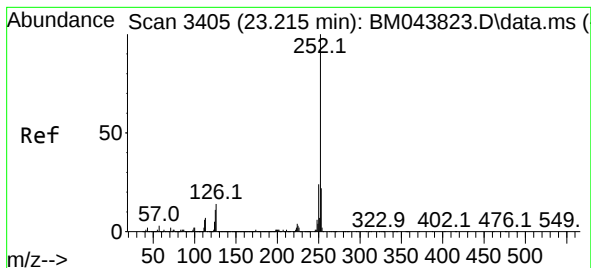
Delta R.T. -0.000 min

Lab File: BM043827.D

Acq: 12 Jan 2024 13:55

Tgt Ion:149 Resp: 397191





#90

Benzo(b)fluoranthene

Concen: 3.566 ng/ul

RT: 23.215 min Scan# 3405

Delta R.T. -0.006 min

Lab File: BM043827.D

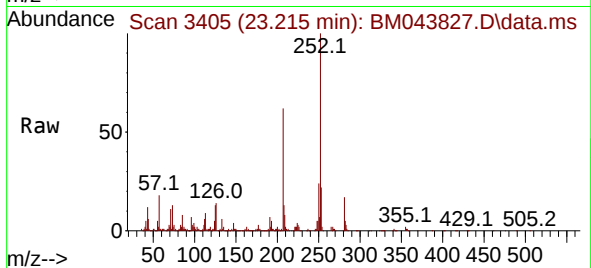
Acq: 12 Jan 2024 13:55

Instrument :

BNA_M

ClientSampleId :

MDL-MED-SOIL-QT4-2023-07

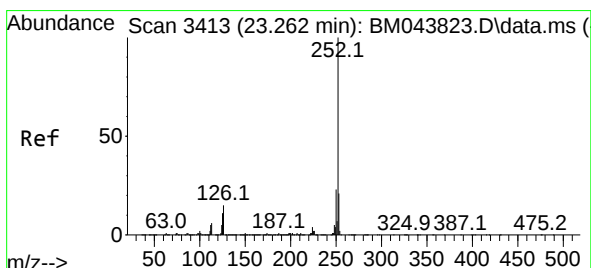
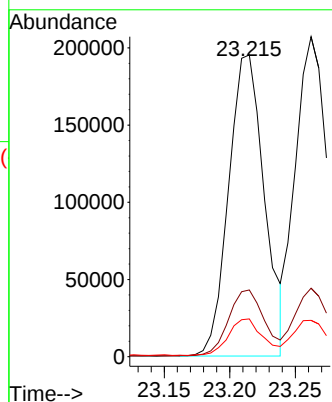
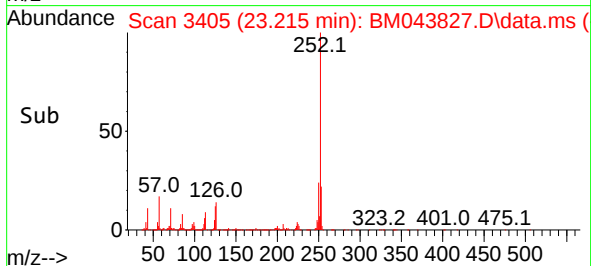


Tgt Ion:	252	Resp:	369734
Ion Ratio	Lower	Upper	
252	100		
253	22.1	17.4	26.2
125	12.5	8.6	12.8

Manual Integrations

APPROVED

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



#91

Benzo(k)fluoranthene

Concen: 3.601 ng/ul

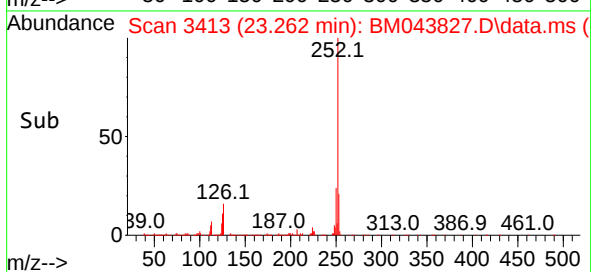
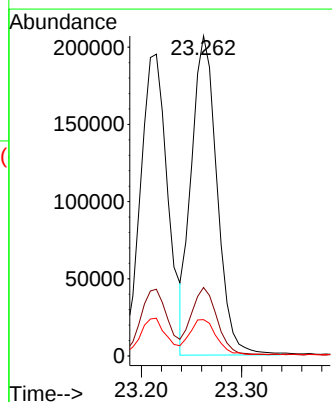
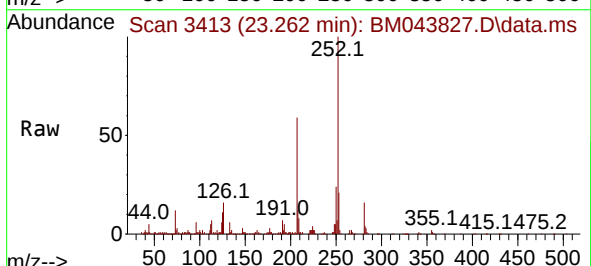
RT: 23.262 min Scan# 3413

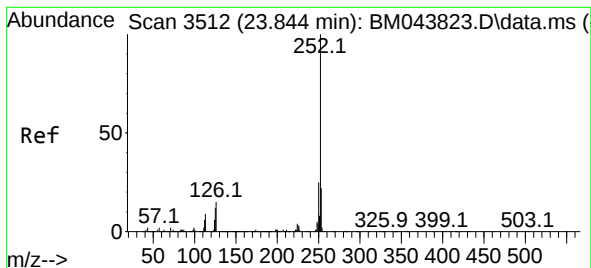
Delta R.T. -0.006 min

Lab File: BM043827.D

Acq: 12 Jan 2024 13:55

Tgt Ion:	252	Resp:	367811
Ion Ratio	Lower	Upper	
252	100		
253	21.4	17.5	26.3
125	11.3	8.6	13.0





#93

Benzo(a)pyrene

Concen: 3.730 ng/ul

RT: 23.844 min Scan# 3512

Delta R.T. -0.006 min

Lab File: BM043827.D

Acq: 12 Jan 2024 13:55

Instrument :

BNA_M

ClientSampleId :

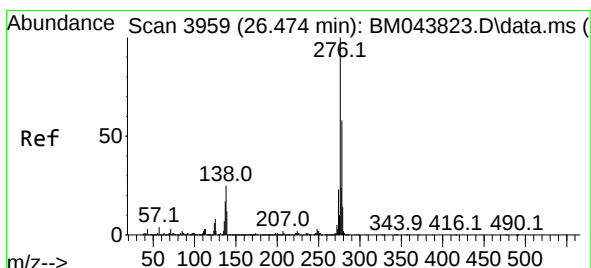
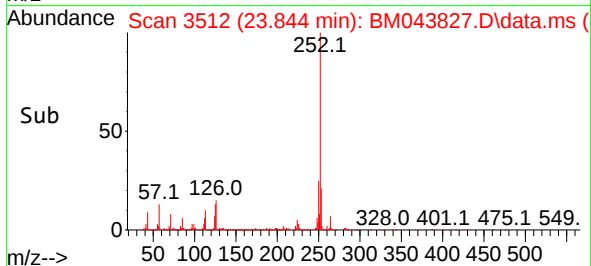
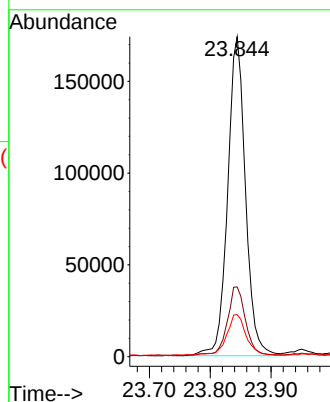
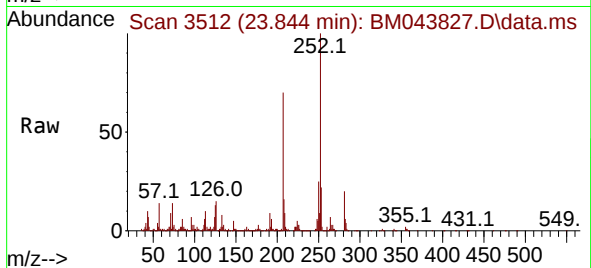
MDL-MED-SOIL-QT4-2023-07

Tgt Ion:	252	Resp:	353992
Ion Ratio	Lower	Upper	
252	100		
253	21.8	17.5	26.3
125	13.2	9.7	14.5

Manual Integrations

APPROVED

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



#94

Indeno(1,2,3-cd)pyrene

Concen: 3.713 ng/ul

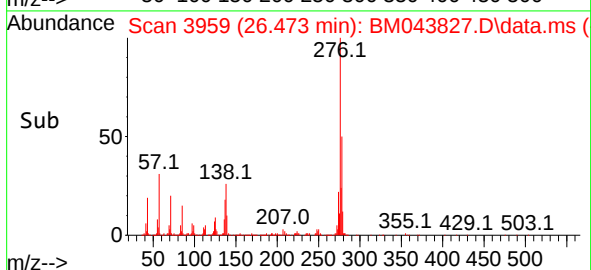
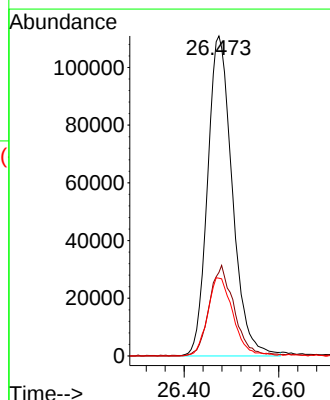
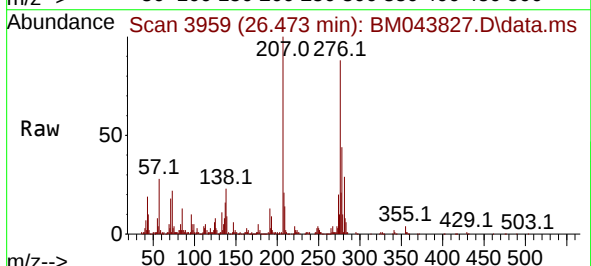
RT: 26.473 min Scan# 3959

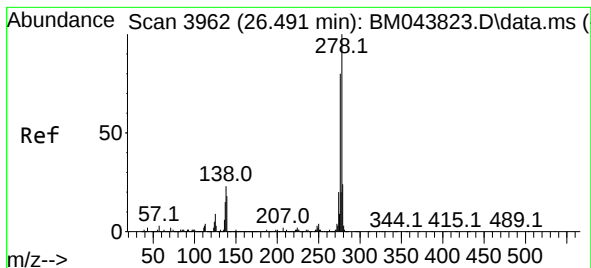
Delta R.T. -0.012 min

Lab File: BM043827.D

Acq: 12 Jan 2024 13:55

Tgt Ion:	276	Resp:	402212
Ion Ratio	Lower	Upper	
276	100		
138	26.1	21.4	32.0
277	24.3	20.2	30.2





#95

Dibenzo(a,h)anthracene

Concen: 3.668 ng/ul

RT: 26.497 min Scan# 3962

Delta R.T. -0.006 min

Lab File: BM043827.D

Acq: 12 Jan 2024 13:55

Instrument :

BNA_M

ClientSampleId :

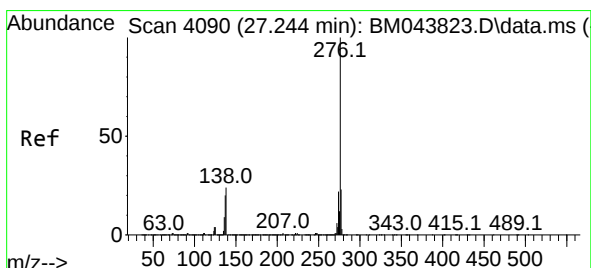
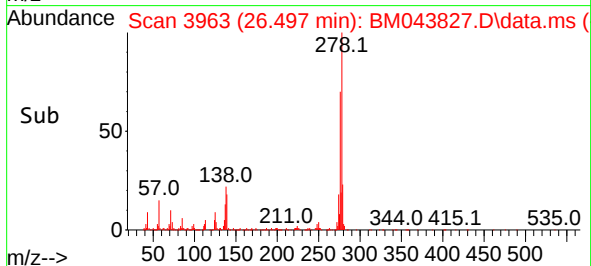
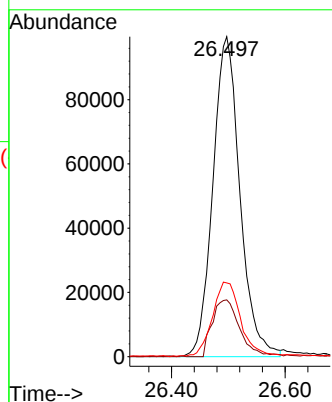
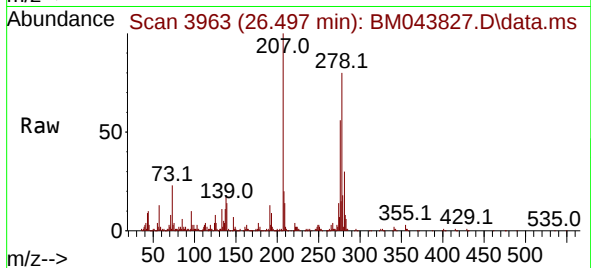
MDL-MED-SOIL-QT4-2023-07

Tgt Ion:	278	Resp:	32923
Ion Ratio	Lower	Upper	
278	100		
139	17.8	14.4	21.6
279	23.0	19.0	28.6

Manual Integrations

APPROVED

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



#96

Benzo(g,h,i)perylene

Concen: 3.799 ng/ul

RT: 27.250 min Scan# 4091

Delta R.T. -0.006 min

Lab File: BM043827.D

Acq: 12 Jan 2024 13:55

Tgt Ion:	276	Resp:	312481
Ion Ratio	Lower	Upper	
276	100		
138	25.5	19.1	28.7
277	22.4	19.1	28.7

