

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101723\
 Data File : BM042324.D
 Acq On : 17 Oct 2023 17:10
 Operator : MA/JU
 Sample : 03573-06
 Misc : SFAM-MDL-SOIL-02
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MDL-MED-SOIL-QT3-2023-06

Quant Time: Oct 18 02:02:48 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM101223.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 12 15:38:21 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh
 Patel
 10/18/2023

Supervised By :mohammad
 ahmed
 10/19/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.010	152	136230	20.000	ng/u1	0.00
20) Naphthalene-d8	10.834	136	623518	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.651	164	381401	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.404	188	813513	20.000	ng/u1	0.00
79) Chrysene-d12	21.586	240	754592	20.000	ng/u1	-0.01
88) Perylene-d12	24.062	264	769976	20.000	ng/u1	-0.01

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.369	96	29048	6.662	ng/uL	0.00
4) Pyridine-d5	3.805	84	398711	30.877	ng/u1	0.00
7) Phenol-d5	7.157	99	434683	28.791	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.351	67	298910	29.301	ng/u1	0.00
11) 2-Chlorophenol-d4	7.534	132	299848	28.871	ng/u1	0.00
15) 4-Methylphenol-d8	8.716	113	328855	27.504	ng/u1	0.00
21) Nitrobenzene-d5	9.210	128	154277	29.134	ng/u1	0.00
24) 2-Nitrophenol-d4	9.922	143	164433	29.048	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.445	165	281537	27.253	ng/u1	0.00
31) 4-Chloroaniline-d4	10.992	131	440964	27.111	ng/u1	0.00
46) Dimethylphthalate-d6	14.069	166	923827	27.942	ng/u1	0.00
49) Acenaphthylene-d8	14.357	160	1064552	29.419	ng/u1	0.00
54) 4-Nitrophenol-d4	14.863	143	177243	26.653	ng/u1	-0.01
60) Fluorene-d10	15.645	176	798025	29.362	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.769	200	128150	22.487	ng/u1	0.00
73) Anthracene-d10	17.504	188	1196817	28.719	ng/u1	0.00
81) Pyrene-d10	19.798	212	1404411	30.537	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.897	264	1331457	31.504	ng/u1	-0.02

Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.405	88	6084	1.273	ng/uL	94
5) Pyridine	3.828	79	63315	4.736	ng/u1#	78
6) Benzaldehyde	7.169	77	50447	6.536	ng/u1	98
8) Phenol	7.187	94	68914	4.520	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.446	93	60020	4.740	ng/u1	99
12) 2-Chlorophenol	7.563	128	49582	4.571	ng/u1	99
13) 2-Methylphenol	8.451	108	46042	4.046	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.522	45	103109m	4.776	ng/u1	
16) Acetophenone	8.863	105	86235	4.646	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.828	70	48193	4.387	ng/u1	99
18) 4-Methylphenol	8.781	108	53782	4.288	ng/u1	100
19) Hexachloroethane	9.081	117	20768	4.538	ng/u1	97
22) Nitrobenzene	9.251	77	70862	4.731	ng/u1	99
23) Isophorone	9.763	82	122555	4.220	ng/u1	99
25) 2-Nitrophenol	9.957	139	28084	4.534	ng/u1	97
26) 2,4-Dimethylphenol	9.992	107	52237	3.968	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.251	93	83871	4.619	ng/u1	99
29) 2,4-Dichlorophenol	10.475	162	44994	4.460	ng/u1	99
30) Naphthalene	10.886	128	171569	4.694	ng/u1	99
32) 4-Chloroaniline	11.022	127	71336	4.537	ng/u1	97
33) Hexachlorobutadiene	11.116	225	27303	4.688	ng/u1	95
34) Caprolactam	11.851	113	23307	6.327	ng/u1	94
35) 4-Chloro-3-methylphenol	12.116	107	50485	4.062	ng/u1	97
36) 2-Methylnaphthalene	12.486	142	112922	4.514	ng/u1	99

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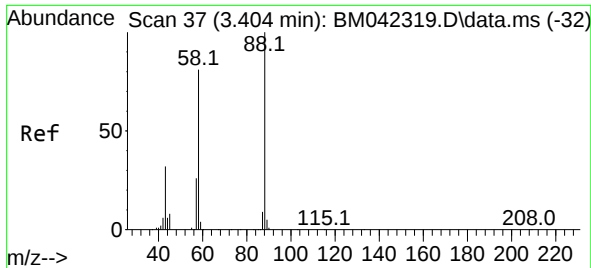
Manual Integrations APPROVED

Reviewed By :Yogesh
 Patel
 10/18/2023

Supervised By :mohammad
 ahmed
 10/19/2023

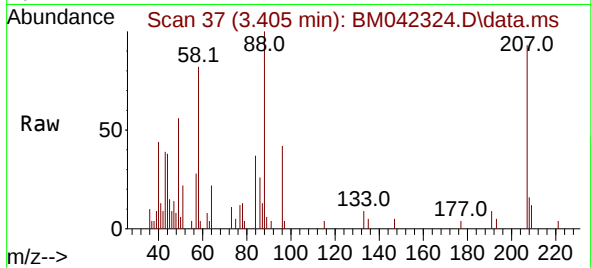
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.704	142	117508	4.647	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.833	216	53686	4.470	ng/ul	98
40) Hexachlorocyclopentadiene	12.780	237	38099	4.902	ng/ul	92
41) 2,4,6-Trichlorophenol	13.086	196	31281	3.896	ng/ul	97
42) 2,4,5-Trichlorophenol	13.157	196	34168	3.964	ng/ul	99
43) 1,1'-Biphenyl	13.492	154	149021	4.559	ng/ul	100
44) 2-Chloronaphthalene	13.539	162	117435	4.687	ng/ul	97
45) 2-Nitroaniline	13.775	65	34285	3.806	ng/ul	97
47) Dimethylphthalate	14.116	163	150235	4.566	ng/ul	98
48) 2,6-Dinitrotoluene	14.257	165	21650	3.635	ng/ul	94
50) Acenaphthylene	14.386	152	197467	4.725	ng/ul	99
51) 3-Nitroaniline	14.598	138	24706	3.519	ng/ul#	89
52) Acenaphthene	14.716	153	130732	4.657	ng/ul	98
53) 2,4-Dinitrophenol	14.798	184	28473	7.063	ng/ul	83
55) 4-Nitrophenol	14.880	109	23442	4.345	ng/ul	92
56) Dibenzofuran	15.051	168	175468	4.653	ng/ul	99
57) 2,4-Dinitrotoluene	15.039	165	34239	3.899	ng/ul	91
58) 2,3,4,6-Tetrachlorophenol	15.269	232	28341	3.918	ng/ul	93
59) Diethylphthalate	15.463	149	149953	4.465	ng/ul	99
61) Fluorene	15.698	166	145325	4.646	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.692	204	67904	4.496	ng/ul	99
63) 4-Nitroaniline	15.757	138	27690	4.410	ng/ul#	76
66) 4,6-Dinitro-2-methylph...	15.786	198	23402	3.927	ng/ul#	87
67) N-Nitrosodiphenylamine	15.916	169	115997	4.482	ng/ul	99
68) 4-Bromophenyl-phenylether	16.586	248	36558	4.178	ng/ul	98
69) Hexachlorobenzene	16.668	284	42709	4.293	ng/ul	95
70) Atrazine	16.857	200	34834	3.922	ng/ul	98
71) Pentachlorophenol	17.033	266	38037	5.643	ng/ul	95
72) Phenanthrene	17.445	178	224949	4.508	ng/ul	100
74) Anthracene	17.539	178	224542	4.474	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.445	216	51786	4.296	ng/uL	98
76) Pentachlorobenzene	14.945	250	55338	4.676	ng/uL	98
77) Carbazole	17.821	167	195430	4.274	ng/ul	99
78) Di-n-butylphthalate	18.345	149	233002	4.026	ng/ul	99
80) Fluoranthene	19.456	202	238877	4.386	ng/ul	98
82) Pyrene	19.821	202	265656	4.640	ng/ul	93
83) Butylbenzylphthalate	20.703	149	93766	3.842	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.509	252	66467	3.687	ng/ul	96
85) Benzo(a)anthracene	21.568	228	247588	4.325	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.451	149	145343	4.031	ng/ul	99
87) Chrysene	21.621	228	232133	4.410	ng/ul	99
89) Di-n-octyl phthalate	22.397	149	239650	3.853	ng/ul	100
90) Benzo(b)fluoranthene	23.292	252	227561	4.349	ng/ul	98
91) Benzo(k)fluoranthene	23.339	252	226854m	4.384	ng/ul	
93) Benzo(a)pyrene	23.944	252	221047	4.515	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	26.644	276	241481	4.061	ng/ul	97
95) Dibenzo(a,h)anthracene	26.668	278	199117	4.037	ng/ul	97
96) Benzo(g,h,i)perylene	27.462	276	189035	4.064	ng/ul	97

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



#2
1,4-Dioxane
Concen: 1.273 ng/uL
RT: 3.405 min Scan# 31
Delta R.T. 0.000 min
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Instrument :
BNA_M
ClientSampleId :
MDL-MED-SOIL-QT3-2023-06

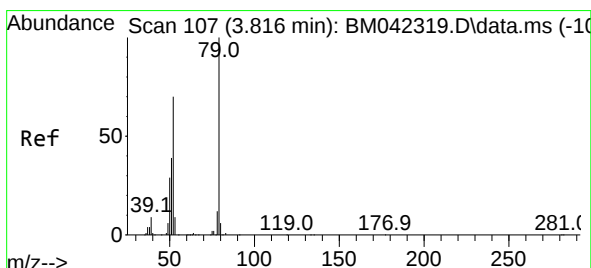
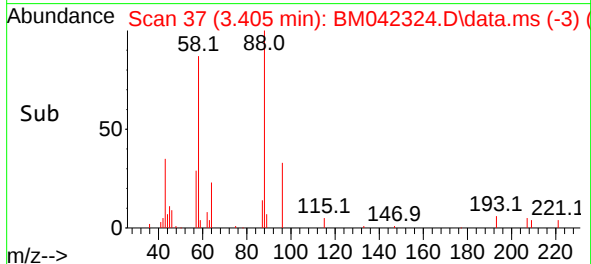
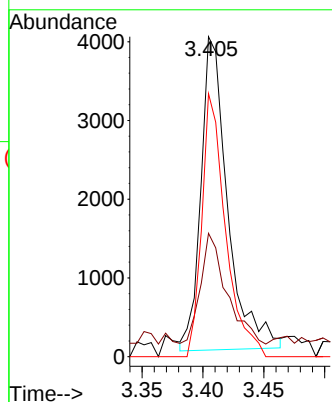


Tgt Ion: 88 Resp: 6084
Ion Ratio Lower Upper
88 100
43 38.6 27.5 41.3
58 82.2 61.8 92.8

Manual Integrations
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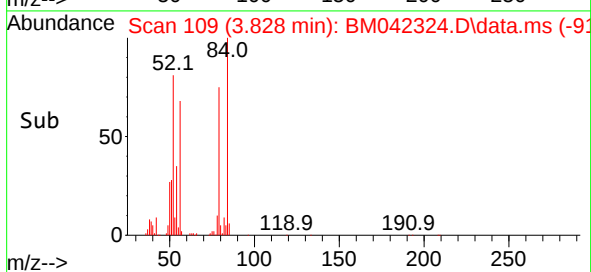
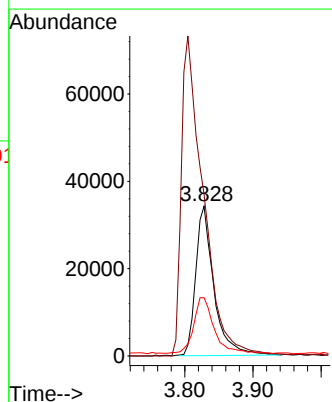
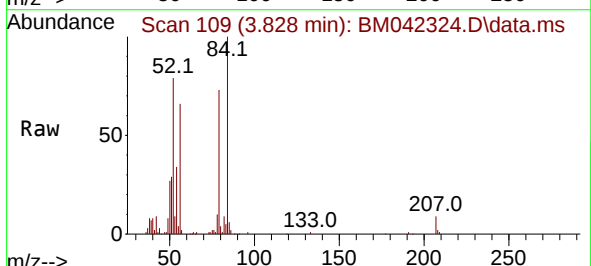
Reviewed By :Yogesh
Patel
10/18/2023

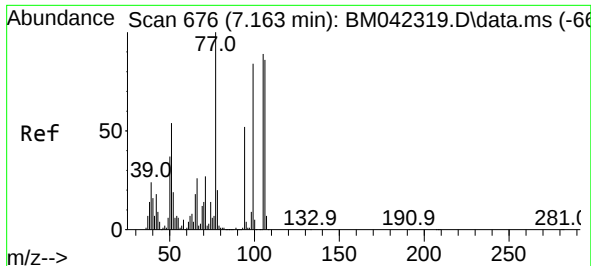
Supervised By :mohammad
ahmed
10/19/2023



#5
Pyridine
Concen: 4.736 ng/uL
RT: 3.828 min Scan# 109
Delta R.T. 0.006 min
Lab File: BM042324.D
Acq: 17 Oct 2023 17:10

Tgt Ion: 79 Resp: 63315
Ion Ratio Lower Upper
79 100
52 107.9 63.8 95.6#
51 38.9 30.2 45.2





#6
Benzaldehyde
Concen: 6.536 ng/u1
RT: 7.169 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM042324.D
Acq: 17 Oct 2023 17:10

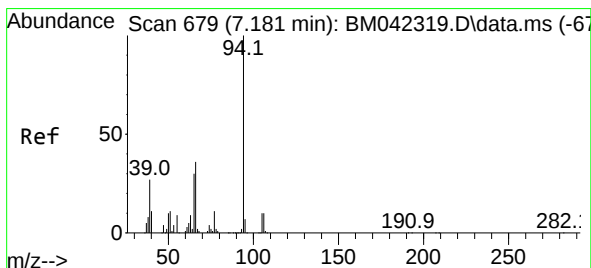
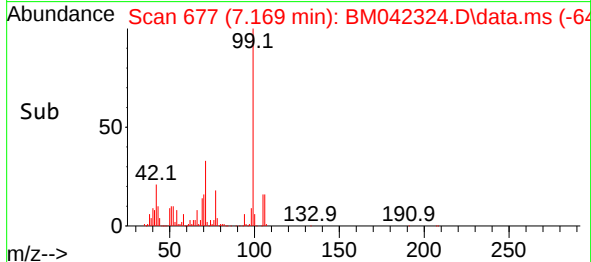
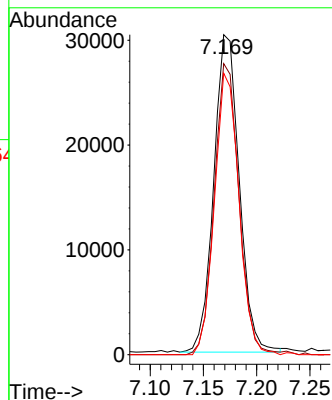
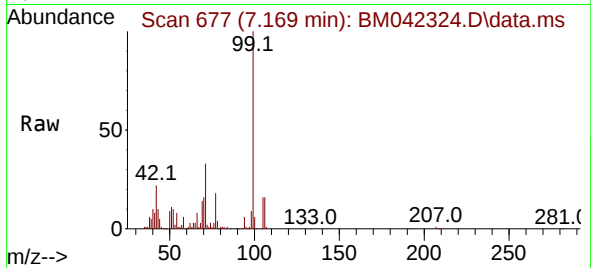
Instrument :
BNA_M
ClientSampleId :
MDL-MED-SOIL-QT3-2023-06

Tgt Ion: 77 Resp: 5044
Ion Ratio Lower Upper
77 100
105 91.0 70.6 105.8
106 87.9 71.6 107.4

Manual Integrations
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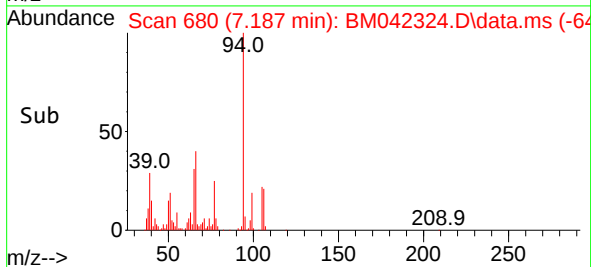
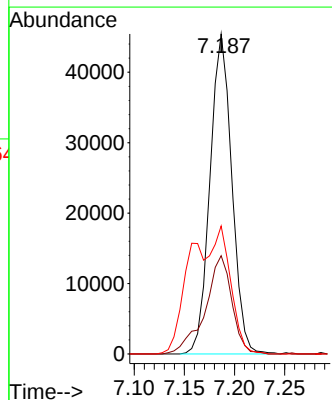
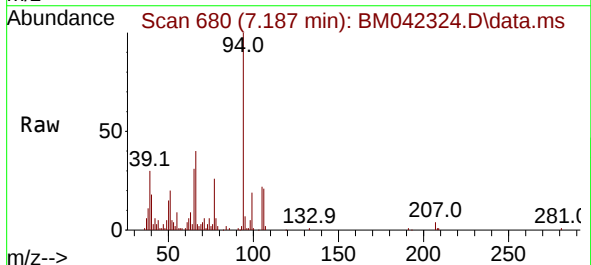
Reviewed By :Yogesh
Patel
10/18/2023

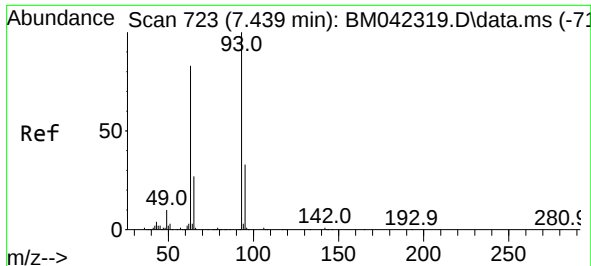
Supervised By :mohammad
ahmed
10/19/2023



#8
Phenol
Concen: 4.520 ng/u1
RT: 7.187 min Scan# 680
Delta R.T. 0.000 min
Lab File: BM042324.D
Acq: 17 Oct 2023 17:10

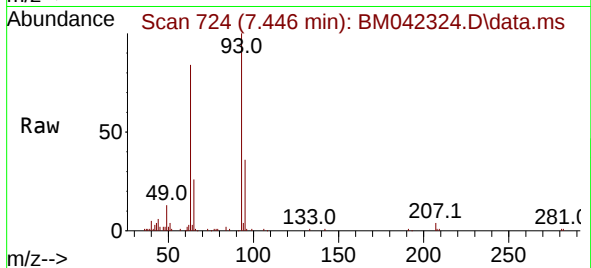
Tgt Ion: 94 Resp: 68914
Ion Ratio Lower Upper
94 100
65 30.7 24.1 36.1
66 40.0 30.7 46.1





#10
Bis(2-Chloroethyl)ether
Concen: 4.740 ng/ul
RT: 7.446 min Scan# 723
Delta R.T. 0.000 min
Lab File: BM042324.D
Acq: 17 Oct 2023 17:10

Instrument :
BNA_M
ClientSampleId :
MDL-MED-SOIL-QT3-2023-06

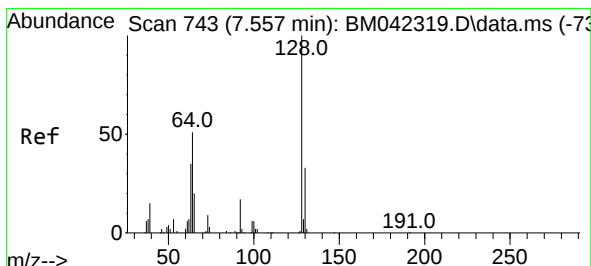
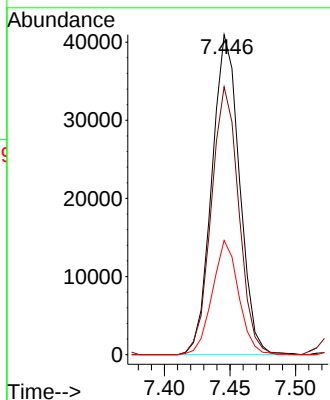
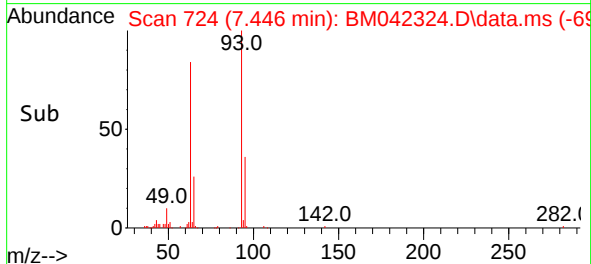


Tgt Ion: 93 Resp: 60020
Ion Ratio Lower Upper
93 100
63 83.7 67.3 100.9
95 35.7 26.7 40.1

Manual Integrations
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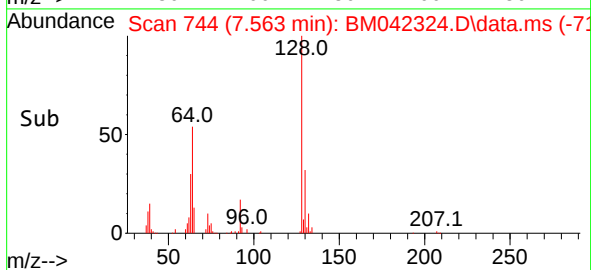
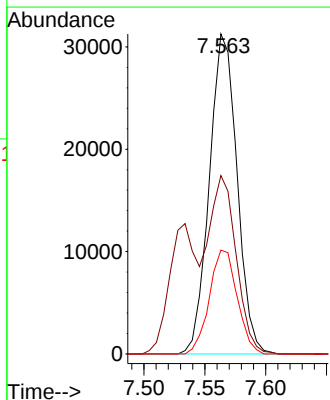
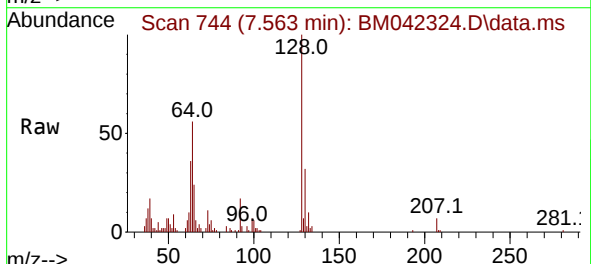
Reviewed By :Yogesh
Patel
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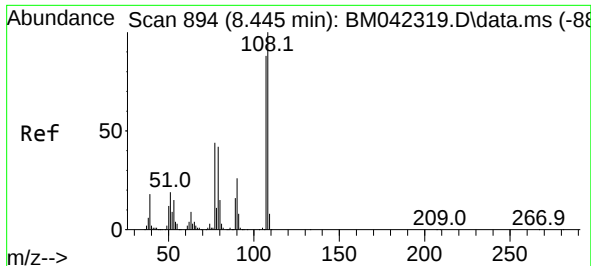
Supervised By :mohammad
ahmed
10/19/2023



#12
2-Chlorophenol
Concen: 4.571 ng/ul
RT: 7.563 min Scan# 744
Delta R.T. 0.000 min
Lab File: BM042324.D
Acq: 17 Oct 2023 17:10

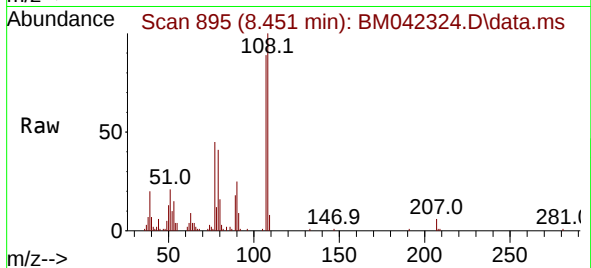
Tgt Ion:128 Resp: 49582
Ion Ratio Lower Upper
128 100
64 55.8 43.8 65.6
130 32.4 25.9 38.9





#13
2-Methylphenol
Concen: 4.046 ng/ul
RT: 8.451 min Scan# 894
Delta R.T. 0.000 min
Lab File: BM042324.D
Acq: 17 Oct 2023 17:10

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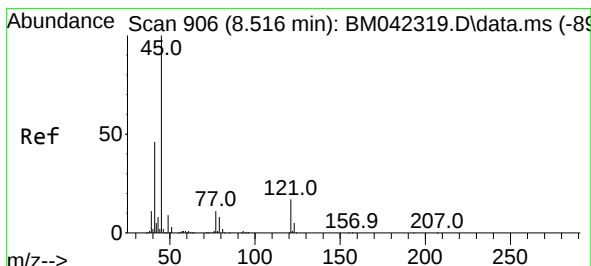
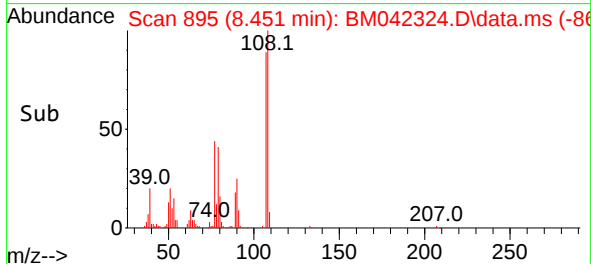
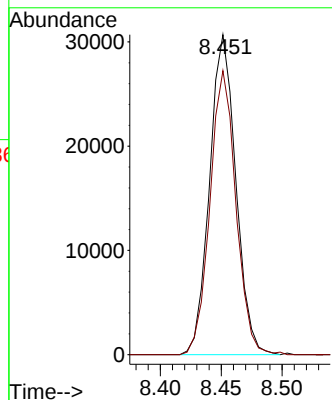


Tgt Ion:108 Resp: 4604
Ion Ratio Lower Upper
108 100
107 88.7 70.6 106.0

Manual Integrations
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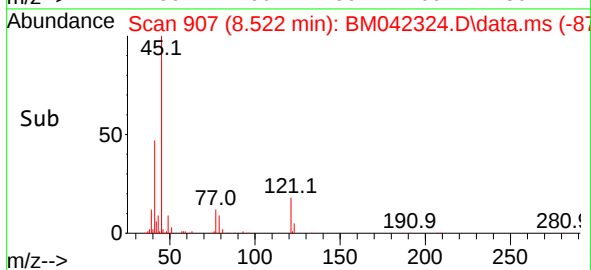
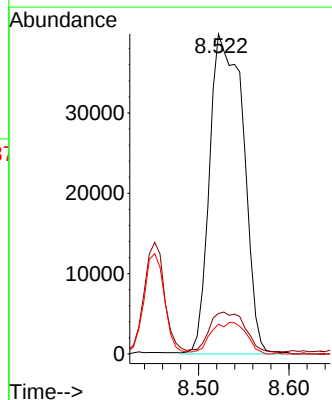
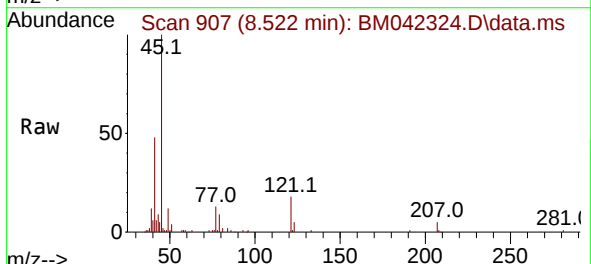
Reviewed By :Yogesh
Patel
10/18/2023

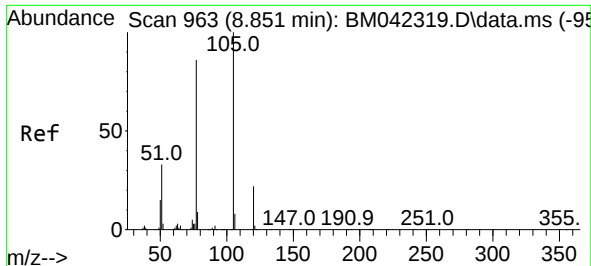
Supervised By :mohammad
ahmed
10/19/2023



#14
2,2'-oxybis(1-Chloropropane)
Concen: 4.776 ng/ul m
RT: 8.522 min Scan# 907
Delta R.T. 0.000 min
Lab File: BM042324.D
Acq: 17 Oct 2023 17:10

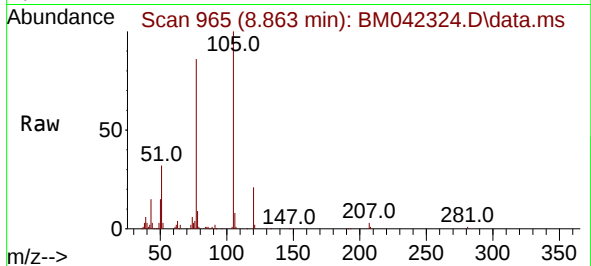
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Ion Ratio Lower Upper
45 100
77 12.7 10.5 15.7
79 9.3 7.3 10.9





#16
Acetophenone
Concen: 4.646 ng/ul
RT: 8.863 min Scan# 90
Delta R.T. 0.006 min
Lab File: BM042324.D
Acq: 17 Oct 2023 17:10

Instrument :
BNA_M
ClientSampleId :
MDL-MED-SOIL-QT3-2023-06

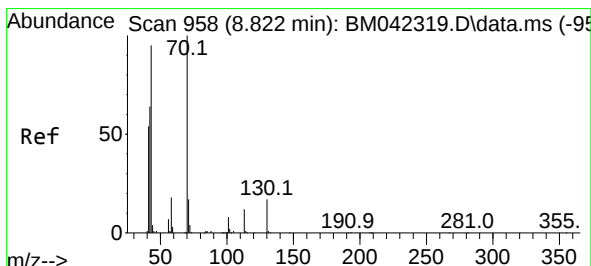
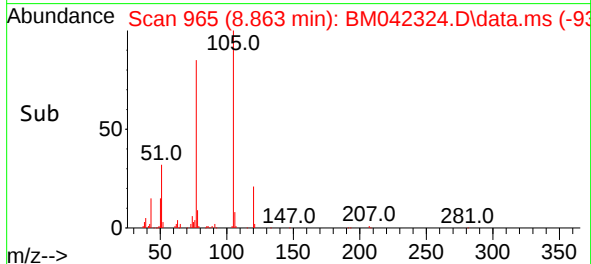
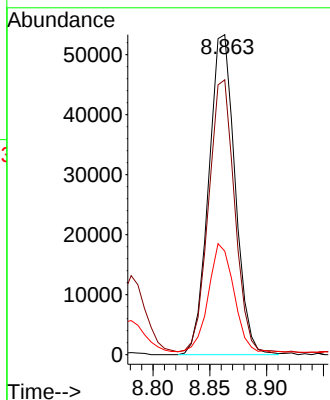


Tgt Ion: 105 Resp: 8623
Ion Ratio Lower Upper
105 100
77 85.9 67.8 101.8
51 32.3 26.9 40.3

Manual Integrations
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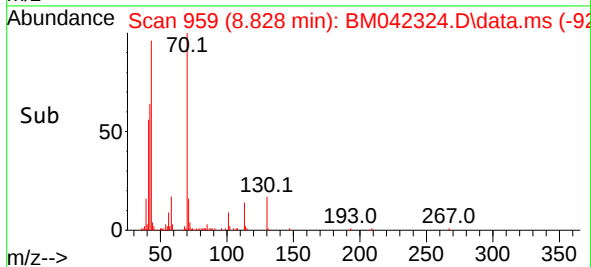
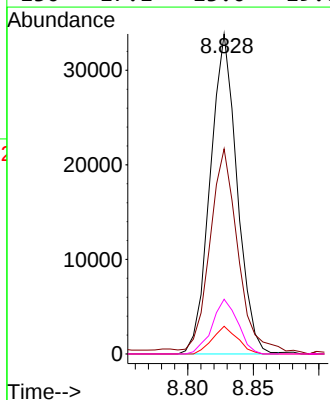
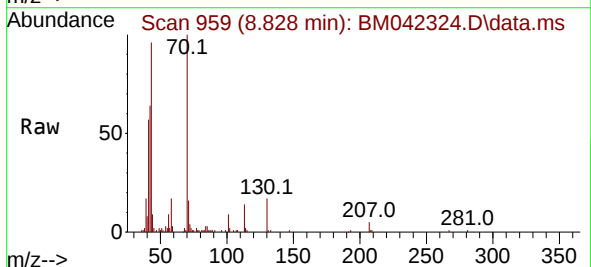
Reviewed By :Yogesh
Patel
10/18/2023

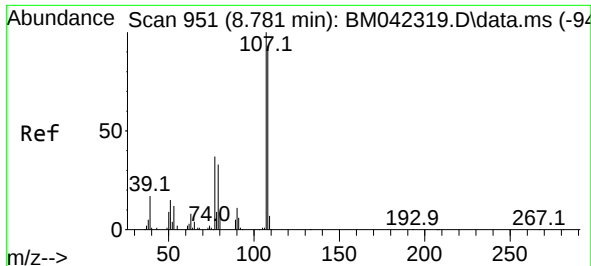
Supervised By :mohammad
ahmed
10/19/2023



#17
N-Nitroso-di-n-propylamine
Concen: 4.387 ng/ul
RT: 8.828 min Scan# 959
Delta R.T. 0.000 min
Lab File: BM042324.D
Acq: 17 Oct 2023 17:10

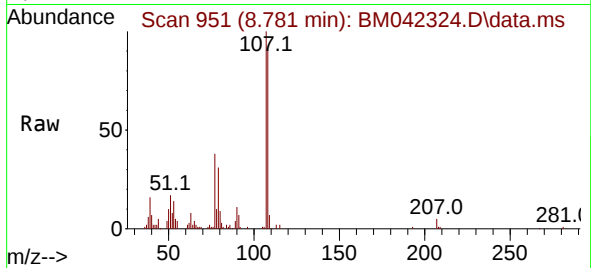
Tgt Ion: 70 Resp: 48193
Ion Ratio Lower Upper
70 100
42 64.1 51.0 76.4
101 8.7 6.7 10.1
130 17.1 13.0 19.6





#18
4-Methylphenol
Concen: 4.288 ng/ul
RT: 8.781 min Scan# 951
Delta R.T. 0.000 min
Lab File: BM042324.D
Acq: 17 Oct 2023 17:10

Instrument :
BNA_M
ClientSampleId :
MDL-MED-SOIL-QT3-2023-06

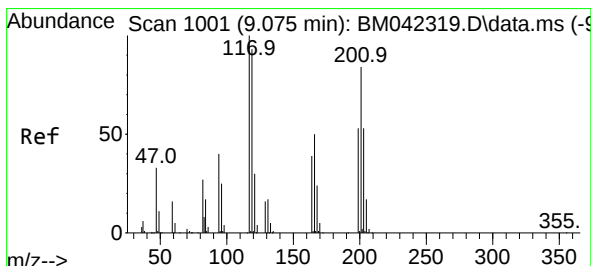
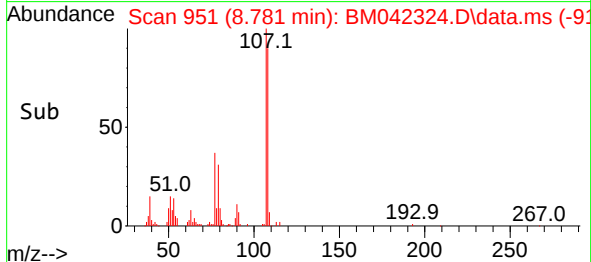
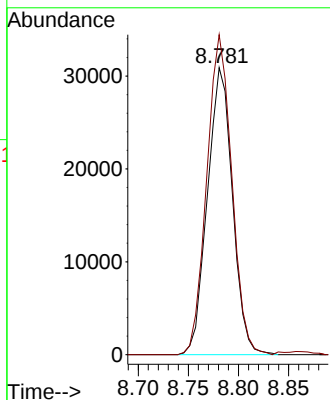


Tgt Ion:108 Resp: 5378
Ion Ratio Lower Upper
108 100
107 111.5 89.0 133.6

Manual Integrations
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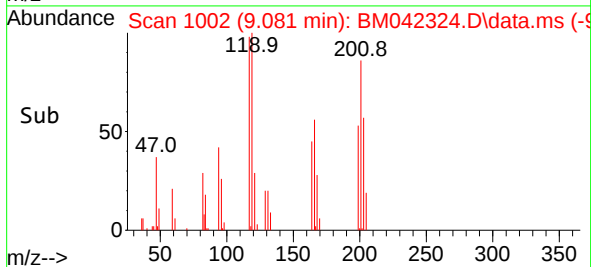
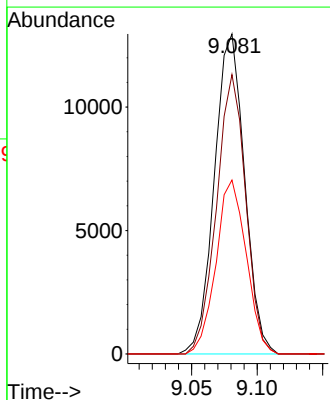
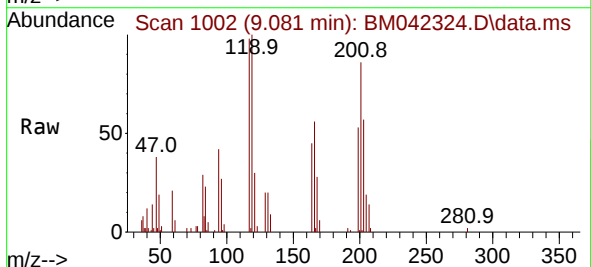
Reviewed By :Yogesh
Patel
10/18/2023

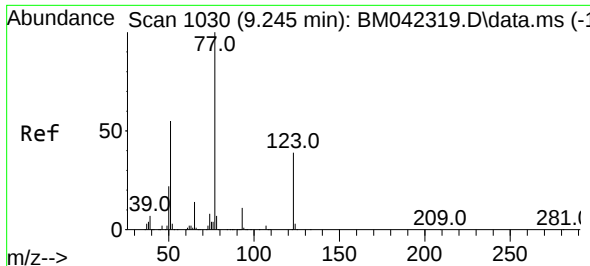
Supervised By :mohammad
ahmed
10/19/2023



#19
Hexachloroethane
Concen: 4.538 ng/ul
RT: 9.081 min Scan# 1002
Delta R.T. 0.000 min
Lab File: BM042324.D
Acq: 17 Oct 2023 17:10

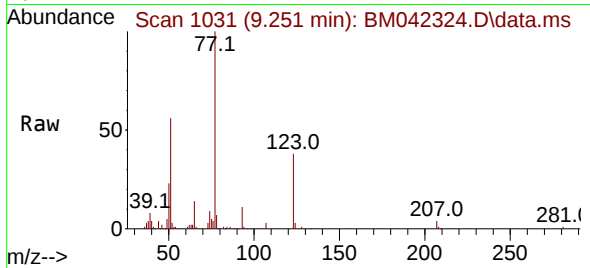
Tgt Ion:117 Resp: 20768
Ion Ratio Lower Upper
117 100
201 88.6 69.8 104.8
199 54.4 40.8 61.2





#22
Nitrobenzene
Concen: 4.731 ng/ul
RT: 9.251 min Scan# 1030
Delta R.T. 0.000 min
Lab File: BM042324.D
Acq: 17 Oct 2023 17:10

Instrument :
BNA_M
ClientSampleId :
MDL-MED-SOIL-QT3-2023-06

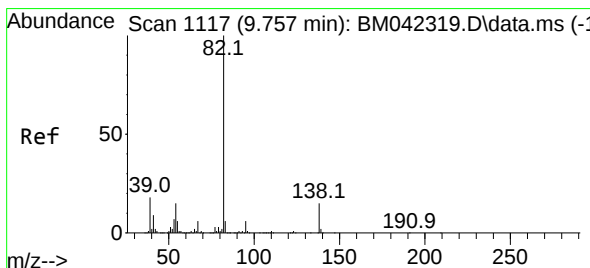
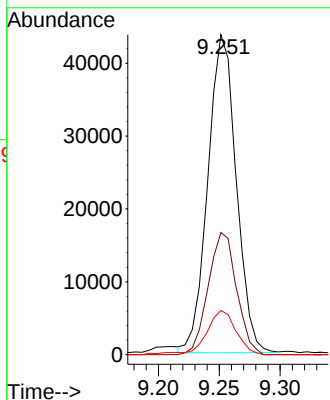
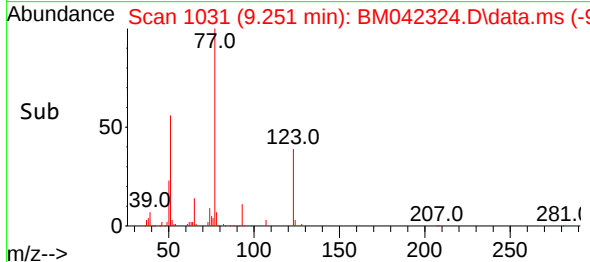


Tgt Ion: 77 Resp: 70862
Ion Ratio Lower Upper
77 100
123 38.2 31.3 46.9
65 13.8 10.7 16.1

Manual Integrations
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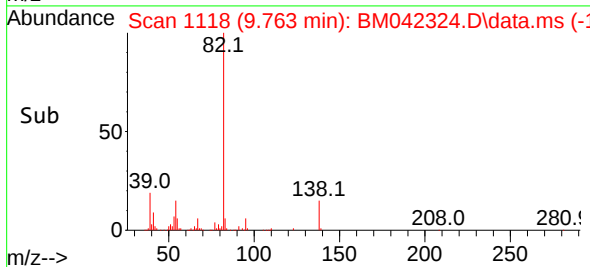
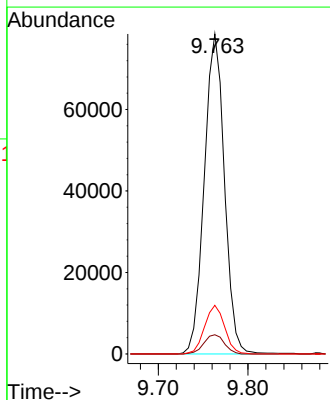
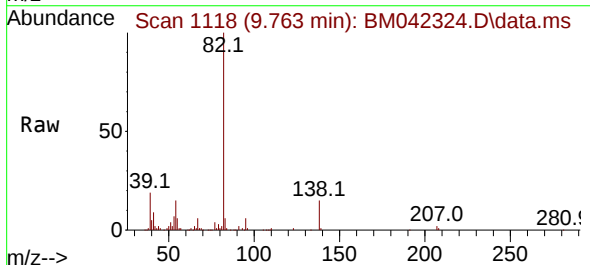
Reviewed By :Yogesh
Patel
10/18/2023

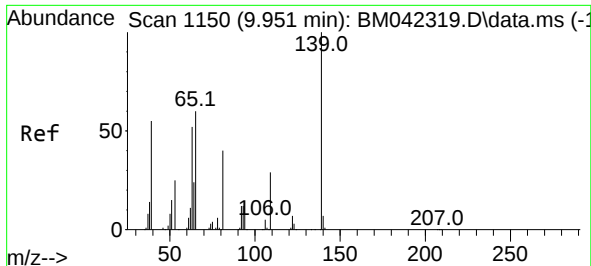
Supervised By :mohammad
ahmed
10/19/2023



#23
Isophorone
Concen: 4.220 ng/ul
RT: 9.763 min Scan# 1118
Delta R.T. 0.000 min
Lab File: BM042324.D
Acq: 17 Oct 2023 17:10

Tgt Ion: 82 Resp: 122555
Ion Ratio Lower Upper
82 100
95 6.0 5.0 7.4
138 15.2 11.8 17.6





#25
2-Nitrophenol
Concen: 4.534 ng/ul
RT: 9.957 min Scan# 1150
Delta R.T. 0.000 min
Lab File: BM042324.D
Acq: 17 Oct 2023 17:10

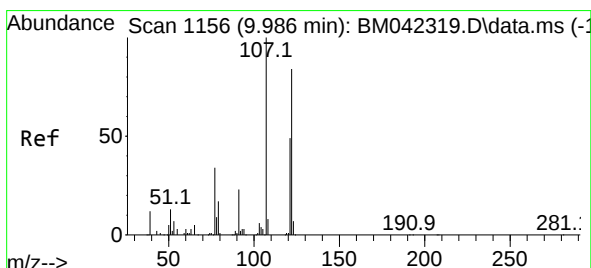
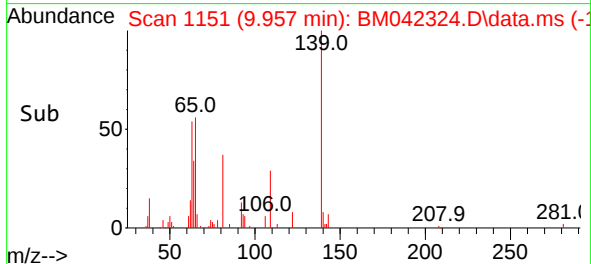
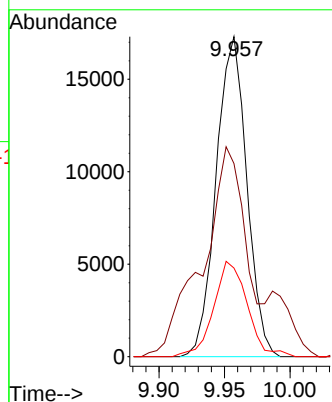
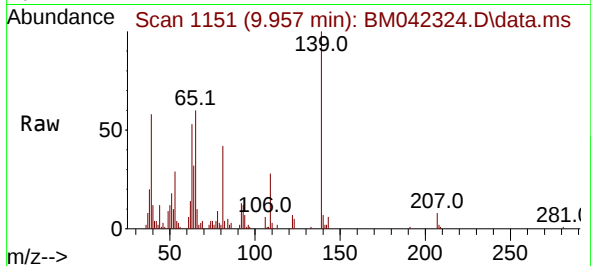
Instrument :
BNA_M
ClientSampleId :
MDL-MED-SOIL-QT3-2023-06

Tgt Ion:139 Resp: 28084
Ion Ratio Lower Upper
139 100
65 60.4 49.4 74.2
109 27.7 24.0 36.0

Manual Integrations
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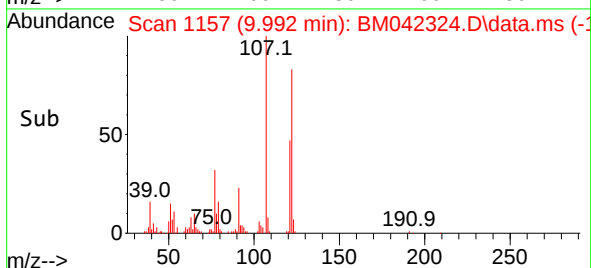
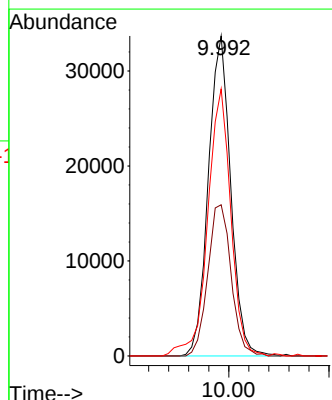
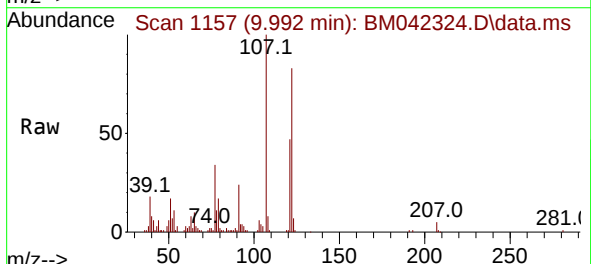
Reviewed By :Yogesh
Patel
10/18/2023

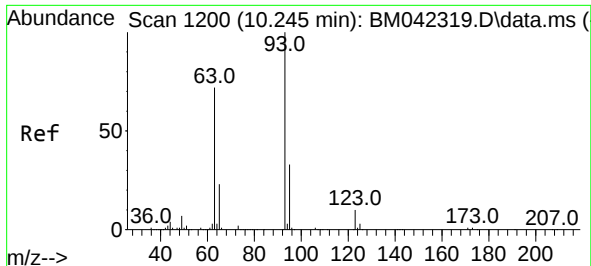
Supervised By :mohammad
ahmed
10/19/2023



#26
2,4-Dimethylphenol
Concen: 3.968 ng/ul
RT: 9.992 min Scan# 1157
Delta R.T. 0.000 min
Lab File: BM042324.D
Acq: 17 Oct 2023 17:10

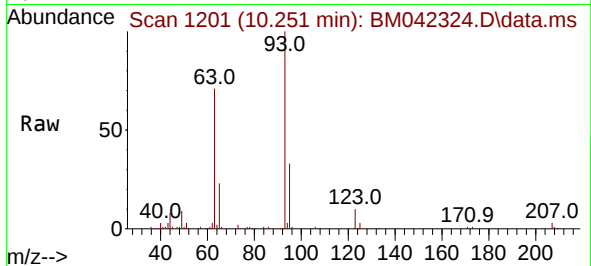
Tgt Ion:107 Resp: 52237
Ion Ratio Lower Upper
107 100
121 47.3 38.4 57.6
122 83.5 68.6 102.8





#27
 Bis(2-Chloroethoxy)methane
 Concen: 4.619 ng/ul
 RT: 10.251 min Scan# 1201
 Delta R.T. 0.000 min
 Lab File: BM042324.D
 Acq: 17 Oct 2023 17:10

Instrument :
 BNA_M
 ClientSampleId :
 MDL-MED-SOIL-QT3-2023-06

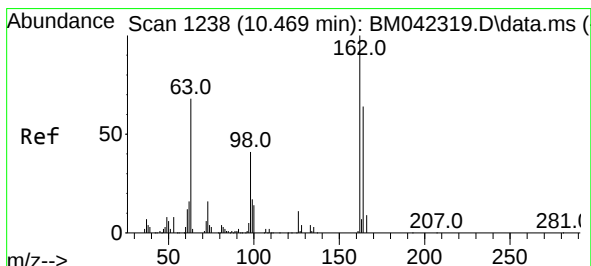
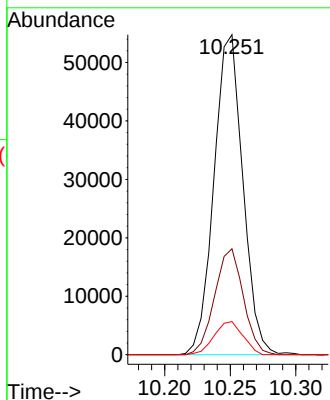
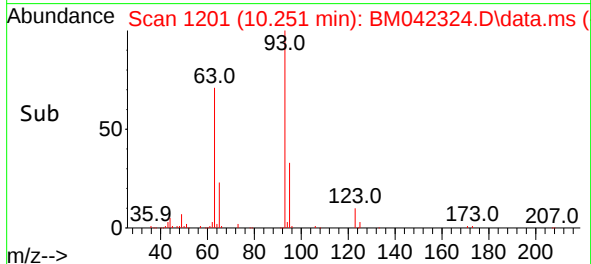


Tgt Ion: 93 Resp: 8387
 Ion Ratio Lower Upper
 93 100
 95 33.1 26.1 39.1
 123 10.4 8.1 12.1

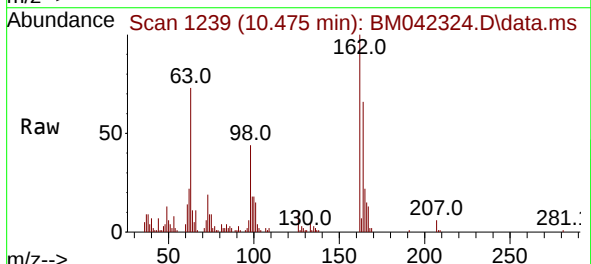
Manual Integrations
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Reviewed By :Yogesh
 Patel
 10/18/2023

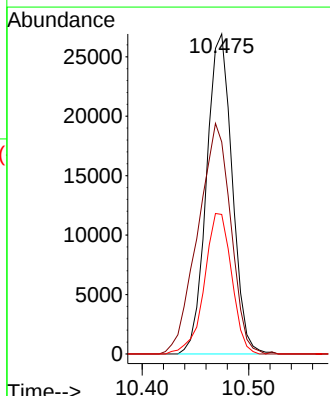
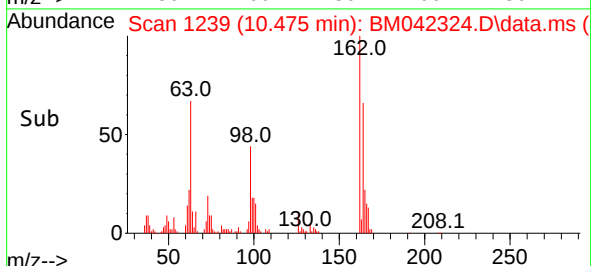
Supervised By :mohammad
 ahmed
 10/19/2023

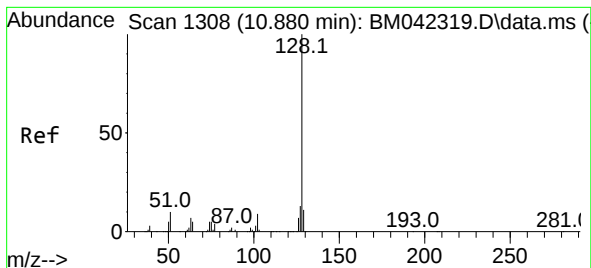


#29
 2,4-Dichlorophenol
 Concen: 4.460 ng/ul
 RT: 10.475 min Scan# 1239
 Delta R.T. 0.000 min
 Lab File: BM042324.D
 Acq: 17 Oct 2023 17:10



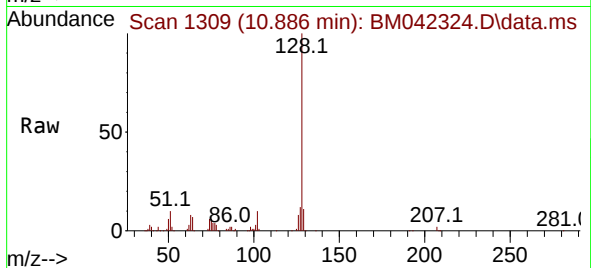
Tgt Ion:162 Resp: 44994
 Ion Ratio Lower Upper
 162 100
 164 66.3 52.4 78.6
 98 43.6 34.6 52.0





#30
Naphthalene
Concen: 4.694 ng/ul
RT: 10.886 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM042324.D
Acq: 17 Oct 2023 17:10

Instrument :
BNA_M
ClientSampleId :
MDL-MED-SOIL-QT3-2023-06

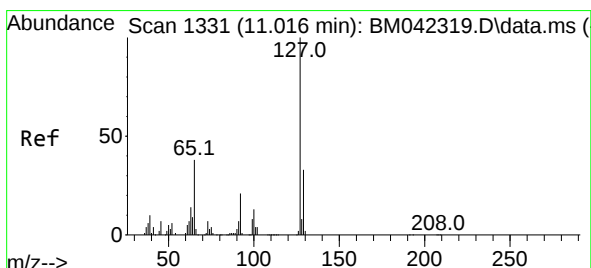
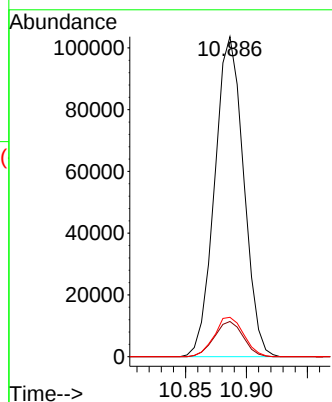
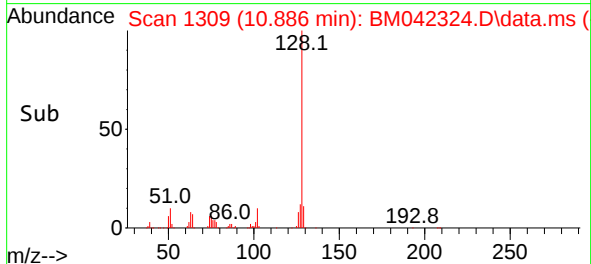


Tgt Ion:128 Resp: 171569
Ion Ratio Lower Upper
128 100
129 11.0 8.6 12.8
127 12.3 10.4 15.6

Manual Integrations
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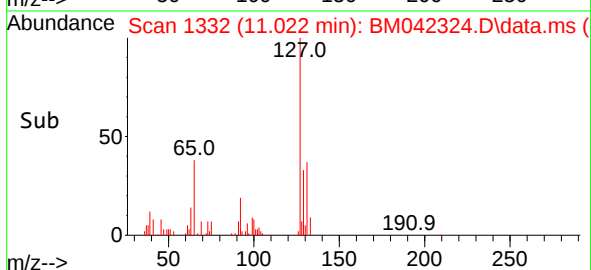
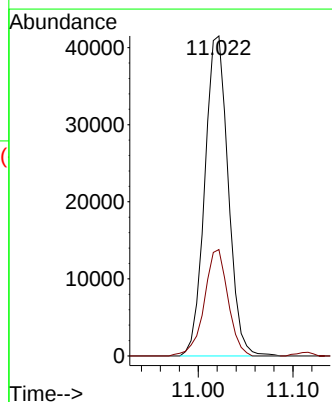
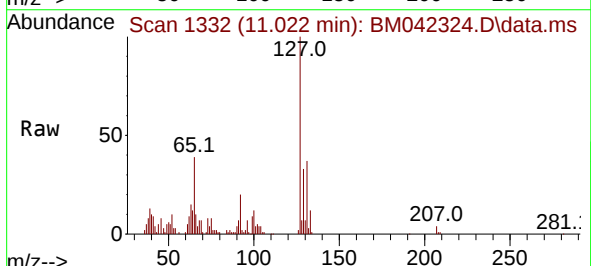
Reviewed By :Yogesh
Patel
10/18/2023

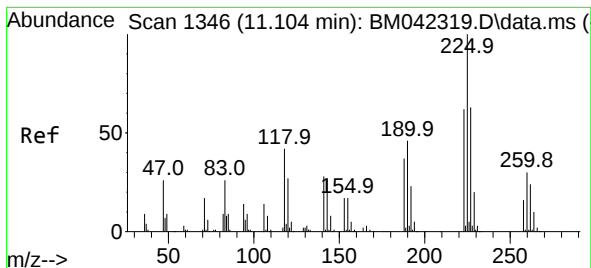
Supervised By :mohammad
ahmed
10/19/2023



#32
4-Chloroaniline
Concen: 4.537 ng/ul
RT: 11.022 min Scan# 1332
Delta R.T. 0.000 min
Lab File: BM042324.D
Acq: 17 Oct 2023 17:10

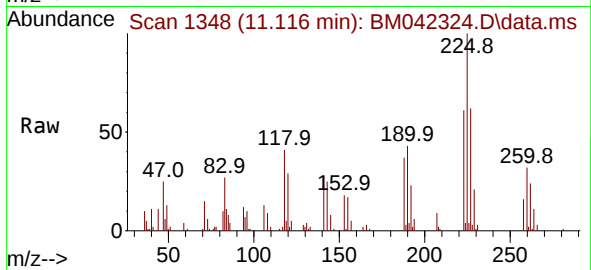
Tgt Ion:127 Resp: 71336
Ion Ratio Lower Upper
127 100
129 33.2 25.1 37.7





#33
Hexachlorobutadiene
Concen: 4.688 ng/ul
RT: 11.116 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM042324.D
Acq: 17 Oct 2023 17:10

Instrument :
BNA_M
ClientSampleId :
MDL-MED-SOIL-QT3-2023-06

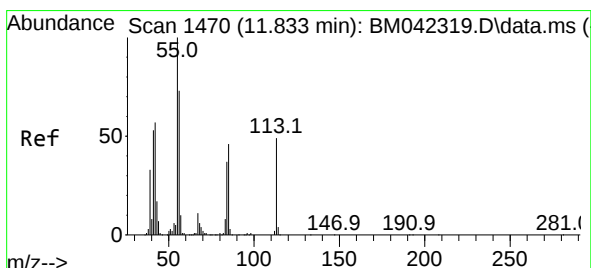
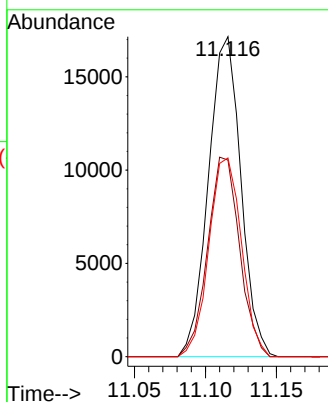
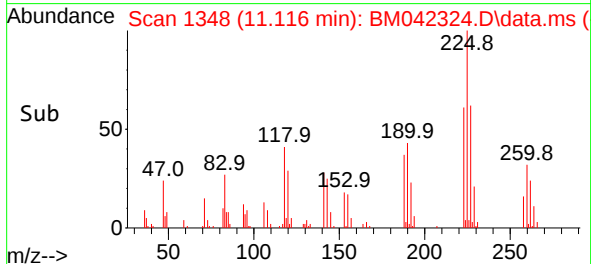


Tgt Ion:225 Resp: 2730
Ion Ratio Lower Upper
225 100
223 61.4 51.3 76.9
227 62.1 53.4 80.0

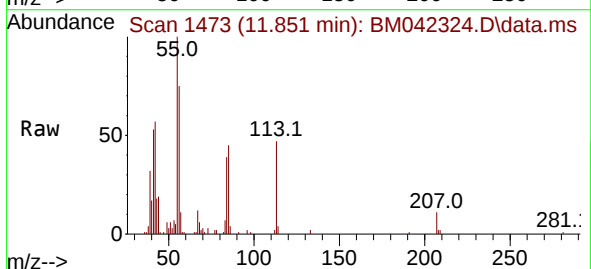
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel
10/18/2023

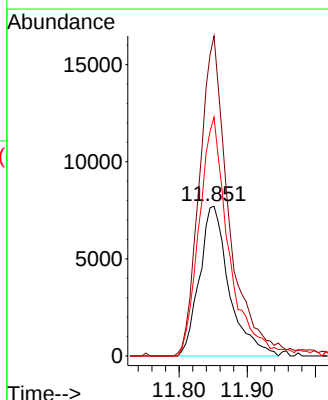
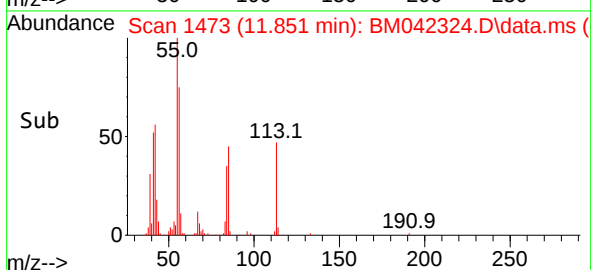
Supervised By :mohammad
ahmed
10/19/2023

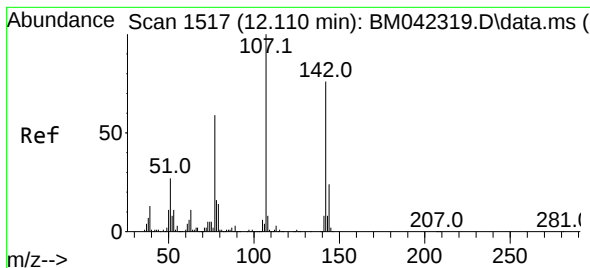


#34
Caprolactam
Concen: 6.327 ng/ul
RT: 11.851 min Scan# 1473
Delta R.T. 0.018 min
Lab File: BM042324.D
Acq: 17 Oct 2023 17:10



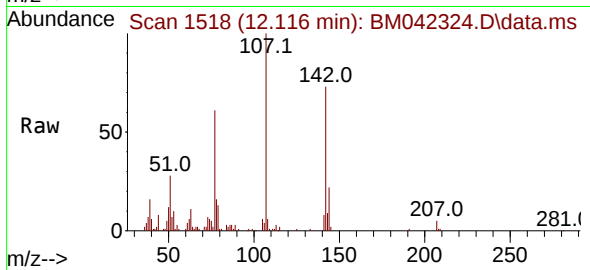
Tgt Ion:113 Resp: 23307
Ion Ratio Lower Upper
113 100
55 213.8 162.1 243.1
56 159.4 124.2 186.2





#35
4-Chloro-3-methylphenol
Concen: 4.062 ng/ul
RT: 12.116 min Scan# 1517
Delta R.T. 0.000 min
Lab File: BM042324.D
Acq: 17 Oct 2023 17:10

Instrument :
BNA_M
ClientSampleId :
MDL-MED-SOIL-QT3-2023-06

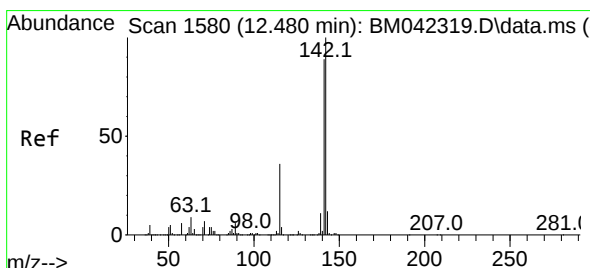
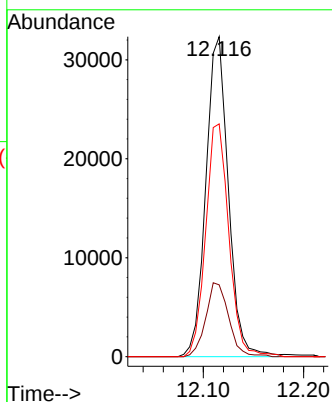
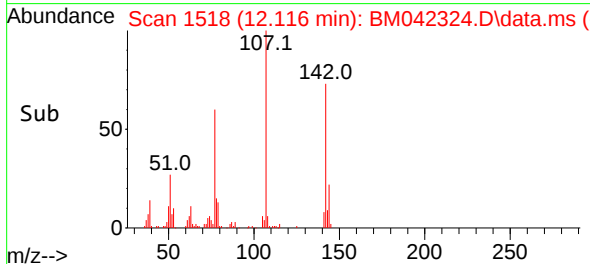


Tgt Ion:107 Resp: 5048
Ion Ratio Lower Upper
107 100
144 22.5 19.3 28.9
142 72.8 60.6 91.0

Manual Integrations
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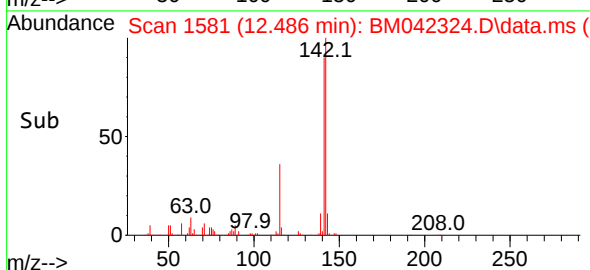
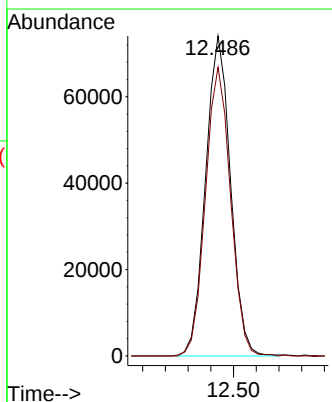
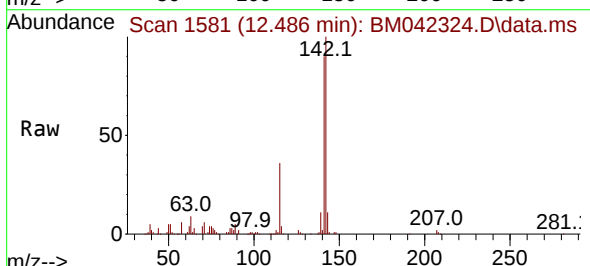
Reviewed By :Yogesh
Patel
10/18/2023

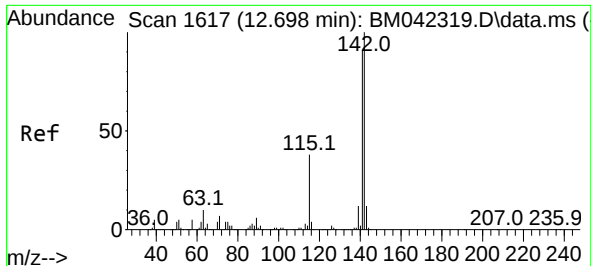
Supervised By :mohammad
ahmed
10/19/2023



#36
2-Methylnaphthalene
Concen: 4.514 ng/ul
RT: 12.486 min Scan# 1581
Delta R.T. 0.000 min
Lab File: BM042324.D
Acq: 17 Oct 2023 17:10

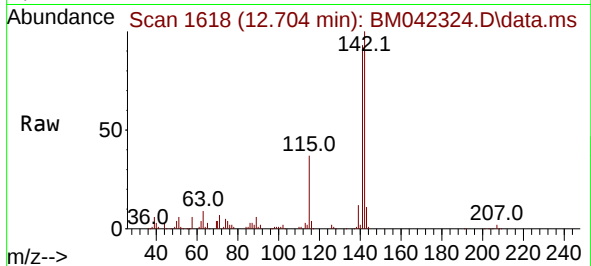
Tgt Ion:142 Resp: 112922
Ion Ratio Lower Upper
142 100
141 90.2 71.5 107.3





#37
1-Methylnaphthalene
Concen: 4.647 ng/ul
RT: 12.704 min Scan# 1617
Delta R.T. -0.006 min
Lab File: BM042324.D
Acq: 17 Oct 2023 17:10

Instrument :
BNA_M
ClientSampleId :
MDL-MED-SOIL-QT3-2023-06

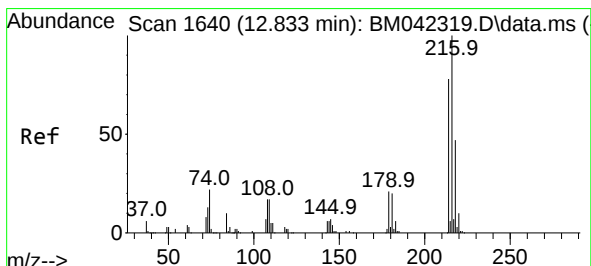
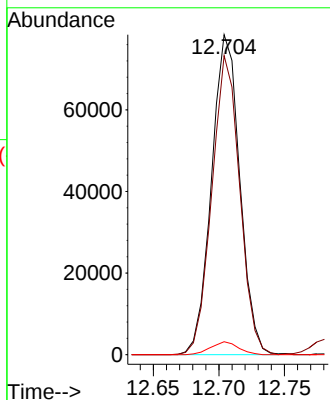
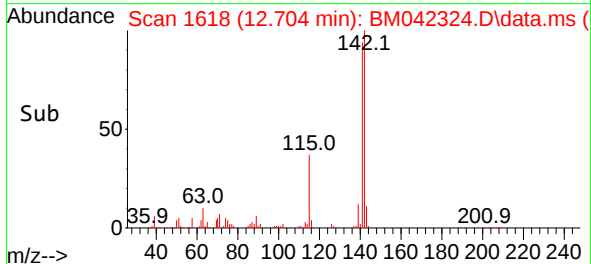


Tgt Ion:142 Resp: 117508
Ion Ratio Lower Upper
142 100
141 93.5 74.6 111.8
116 4.1 3.2 4.8

Manual Integrations
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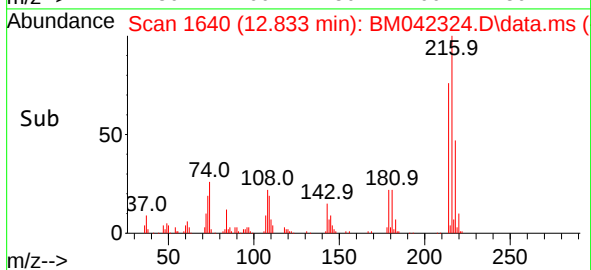
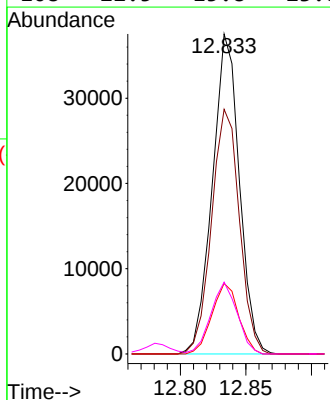
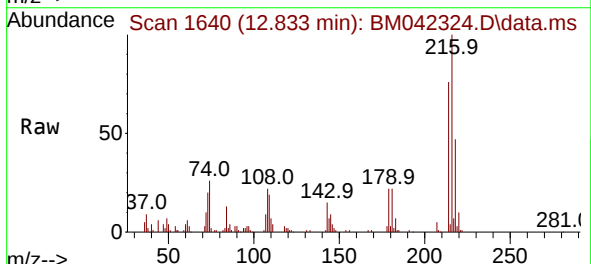
Reviewed By :Yogesh
Patel
10/18/2023

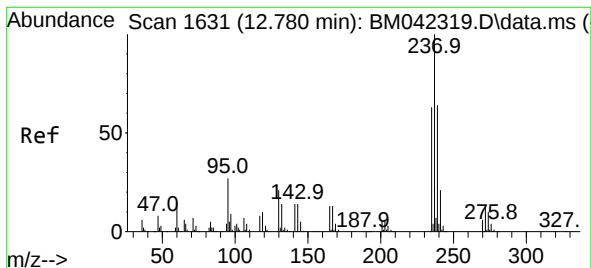
Supervised By :mohammad
ahmed
10/19/2023



#39
1,2,4,5-Tetrachlorobenzene
Concen: 4.470 ng/ul
RT: 12.833 min Scan# 1640
Delta R.T. -0.006 min
Lab File: BM042324.D
Acq: 17 Oct 2023 17:10

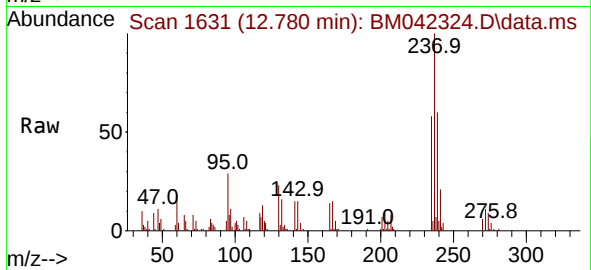
Tgt Ion:216 Resp: 53686
Ion Ratio Lower Upper
216 100
214 76.4 60.6 90.8
179 22.0 16.9 25.3
108 22.5 15.8 23.8





#40
Hexachlorocyclopentadiene
Concen: 4.902 ng/ul
RT: 12.780 min Scan# 1631
Delta R.T. -0.006 min
Lab File: BM042324.D
Acq: 17 Oct 2023 17:10

Instrument :
BNA_M
ClientSampleId :
MDL-MED-SOIL-QT3-2023-06

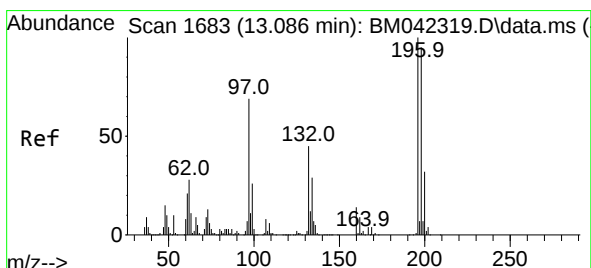
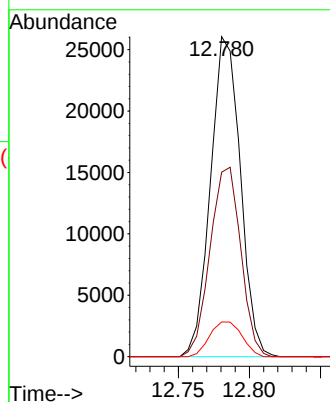
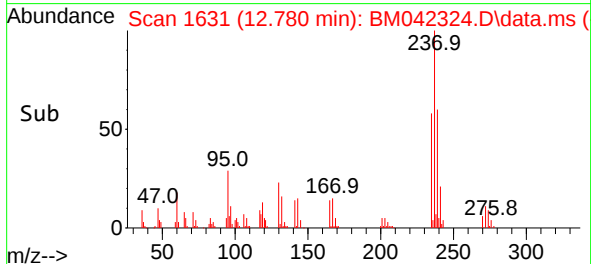


Tgt Ion:237 Resp: 38095
Ion Ratio Lower Upper
237 100
235 57.7 51.5 77.3
272 10.8 9.8 14.6

Manual Integrations
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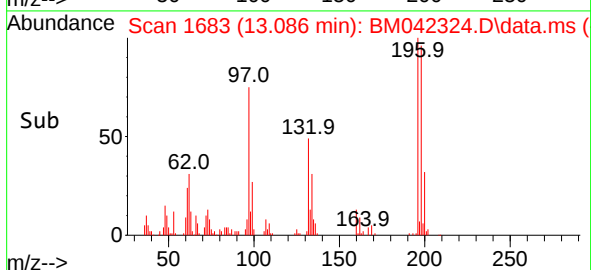
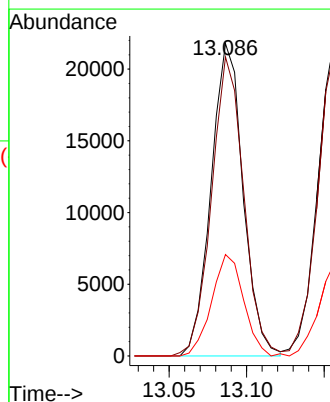
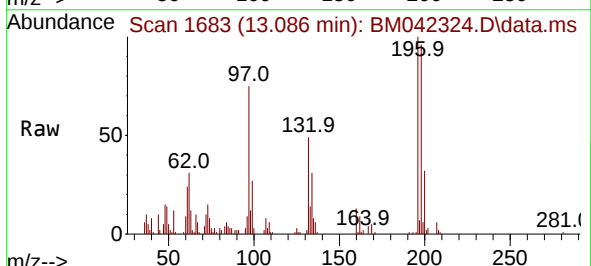
Reviewed By :Yogesh
Patel
10/18/2023

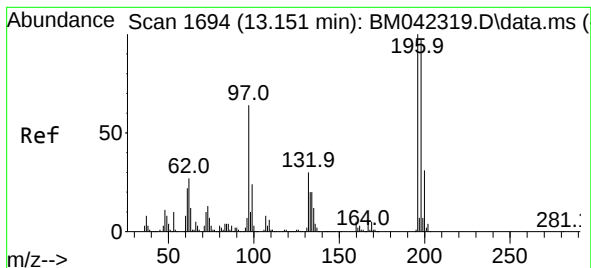
Supervised By :mohammad
ahmed
10/19/2023



#41
2,4,6-Trichlorophenol
Concen: 3.896 ng/ul
RT: 13.086 min Scan# 1683
Delta R.T. -0.006 min
Lab File: BM042324.D
Acq: 17 Oct 2023 17:10

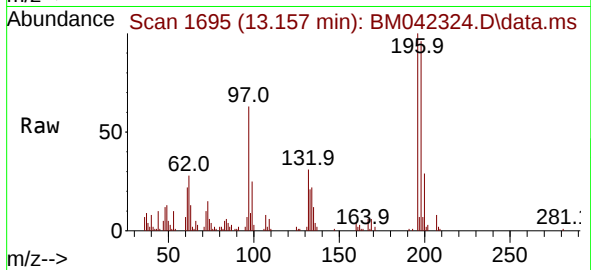
Tgt Ion:196 Resp: 31281
Ion Ratio Lower Upper
196 100
198 95.8 79.5 119.3
200 32.5 25.3 37.9





#42
2,4,5-Trichlorophenol
Concen: 3.964 ng/ul
RT: 13.157 min Scan# 1695
Delta R.T. 0.000 min
Lab File: BM042324.D
Acq: 17 Oct 2023 17:10

Instrument :
BNA_M
ClientSampleId :
MDL-MED-SOIL-QT3-2023-06

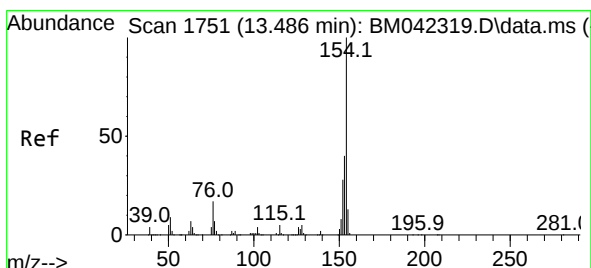
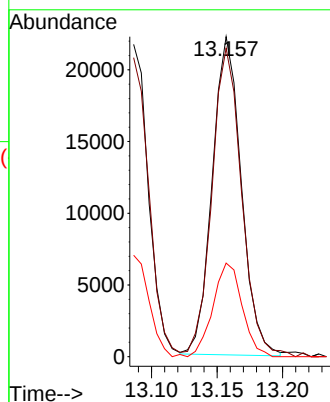
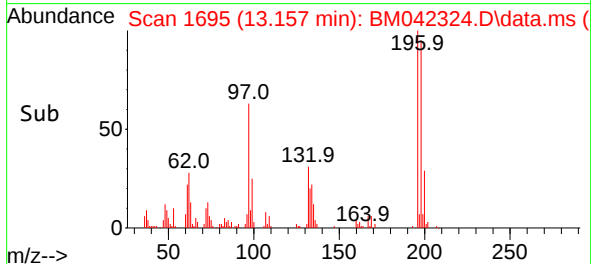


Tgt Ion:196 Resp: 34168
Ion Ratio Lower Upper
196 100
198 96.4 76.4 114.6
200 29.3 24.3 36.5

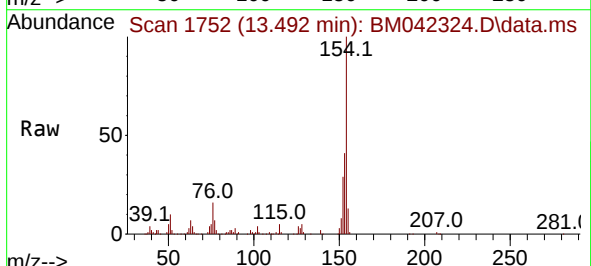
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel
10/18/2023

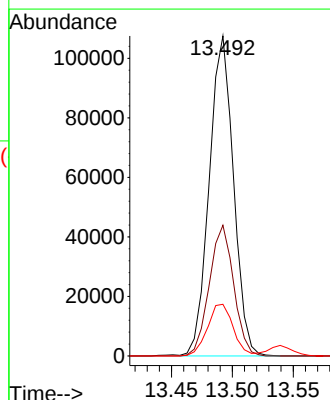
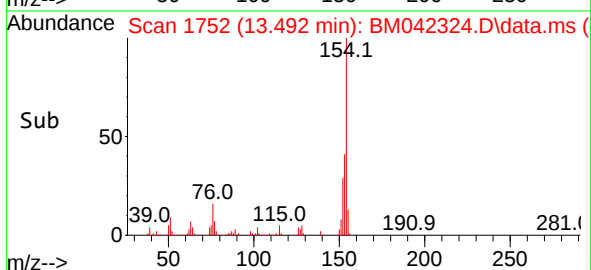
Supervised By :mohammad
ahmed
10/19/2023

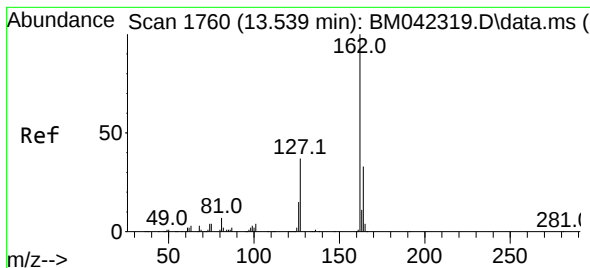


#43
1,1'-Biphenyl
Concen: 4.559 ng/ul
RT: 13.492 min Scan# 1752
Delta R.T. 0.000 min
Lab File: BM042324.D
Acq: 17 Oct 2023 17:10



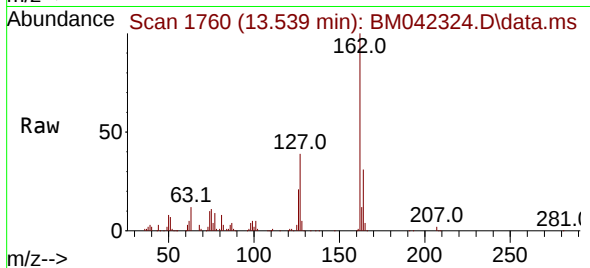
Tgt Ion:154 Resp: 149021
Ion Ratio Lower Upper
154 100
153 40.9 32.9 49.3
76 16.1 13.0 19.4





#44
2-Chloronaphthalene
Concen: 4.687 ng/ul
RT: 13.539 min Scan# 11743
Delta R.T. -0.006 min
Lab File: BM042324.D
Acq: 17 Oct 2023 17:10

Instrument : BNA_M
ClientSampleId : MDL-MED-SOIL-QT3-2023-06

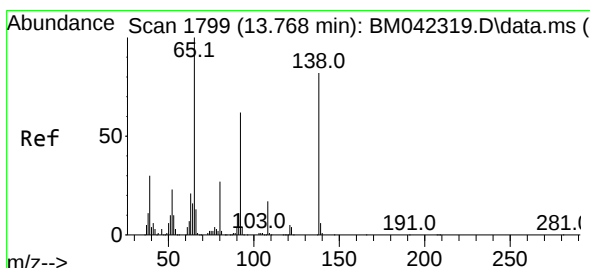
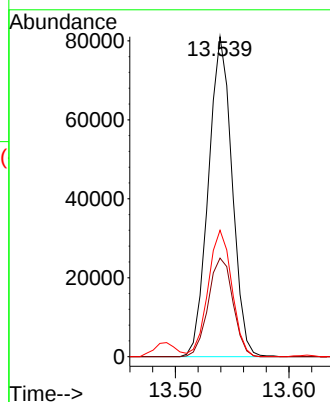
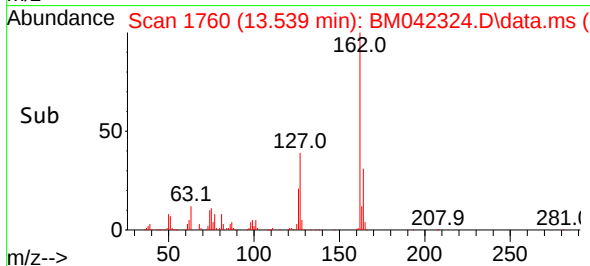


Tgt Ion:162 Resp: 11743
Ion Ratio Lower Upper
162 100
164 30.8 26.9 40.3
127 39.5 32.1 48.1

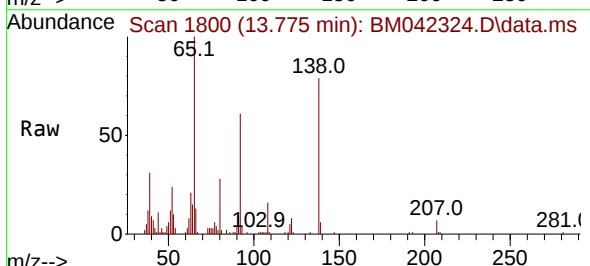
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel
10/18/2023

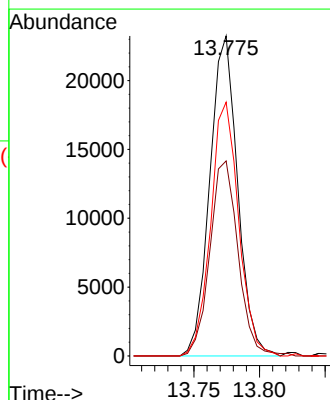
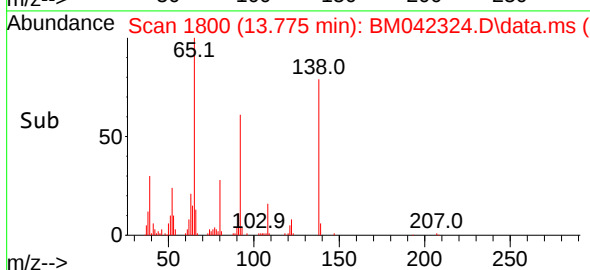
Supervised By :mohammad
ahmed
10/19/2023

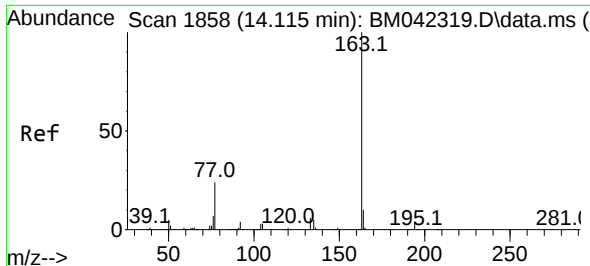


#45
2-Nitroaniline
Concen: 3.806 ng/ul
RT: 13.775 min Scan# 1800
Delta R.T. 0.000 min
Lab File: BM042324.D
Acq: 17 Oct 2023 17:10



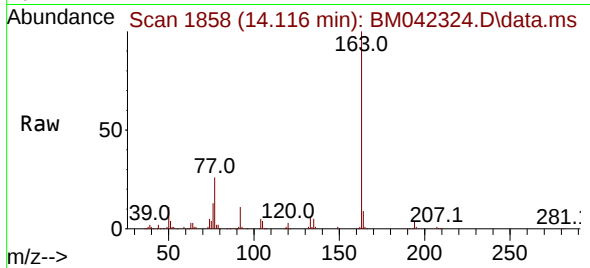
Tgt Ion: 65 Resp: 34285
Ion Ratio Lower Upper
65 100
92 60.9 50.0 75.0
138 79.3 66.4 99.6





#47
Dimethylphthalate
Concen: 4.566 ng/ul
RT: 14.116 min Scan# 1858
Delta R.T. 0.000 min
Lab File: BM042324.D
Acq: 17 Oct 2023 17:10

Instrument :
BNA_M
ClientSampleId :
MDL-MED-SOIL-QT3-2023-06

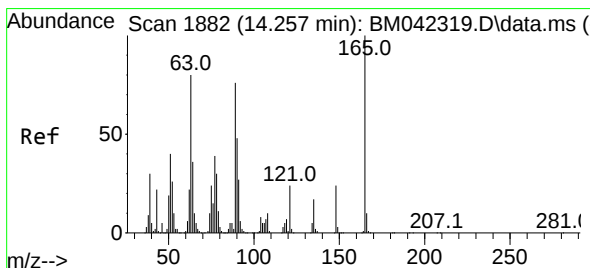
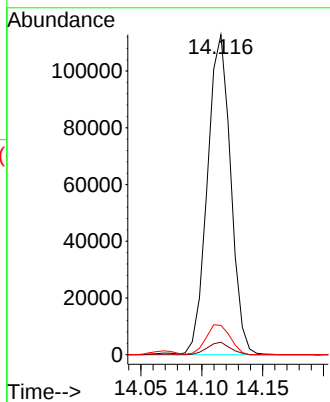
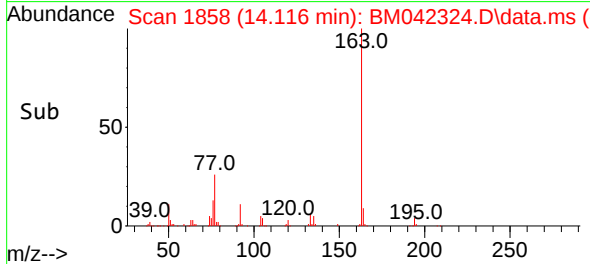


Tgt Ion:163 Resp: 150235
Ion Ratio Lower Upper
163 100
194 3.9 3.0 4.4
164 9.2 8.1 12.1

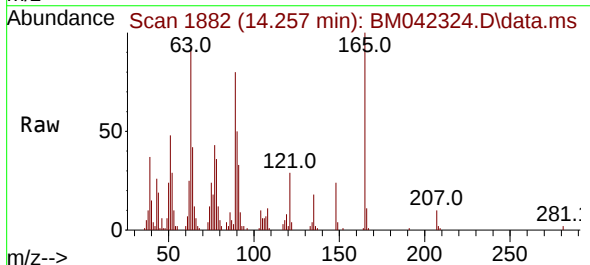
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel
10/18/2023

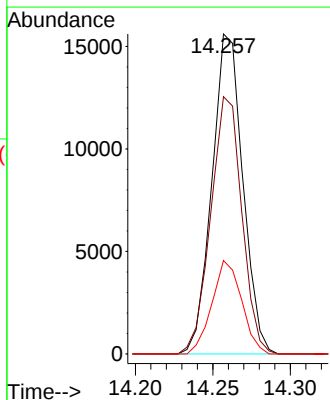
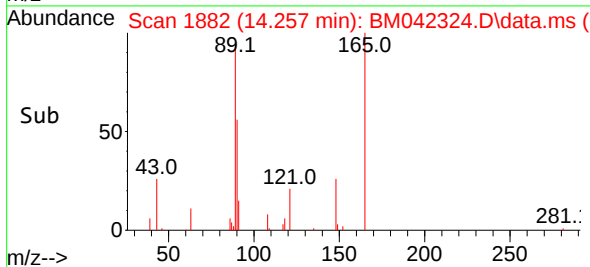
Supervised By :mohammad
ahmed
10/19/2023

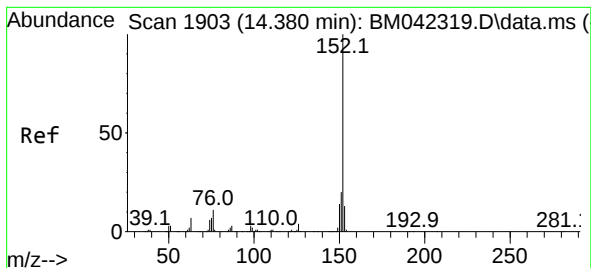


#48
2,6-Dinitrotoluene
Concen: 3.635 ng/ul
RT: 14.257 min Scan# 1882
Delta R.T. -0.006 min
Lab File: BM042324.D
Acq: 17 Oct 2023 17:10



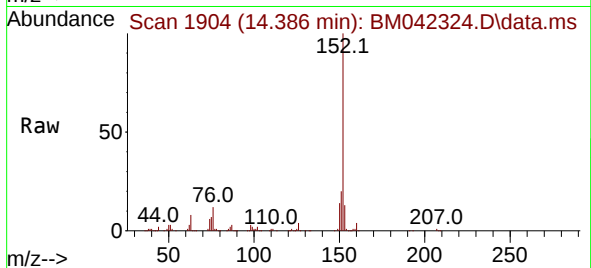
Tgt Ion:165 Resp: 21650
Ion Ratio Lower Upper
165 100
89 80.4 60.3 90.5
121 29.2 20.2 30.4





#50
Acenaphthylene
Concen: 4.725 ng/ul
RT: 14.386 min Scan# 1903
Delta R.T. 0.000 min
Lab File: BM042324.D
Acq: 17 Oct 2023 17:10

Instrument :
BNA_M
ClientSampleId :
MDL-MED-SOIL-QT3-2023-06

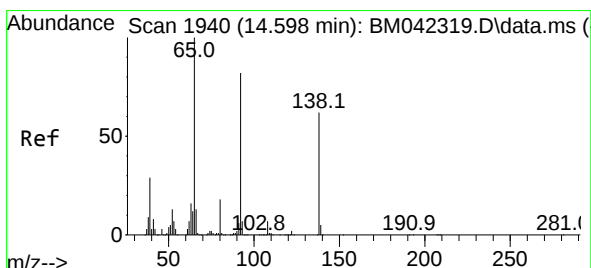
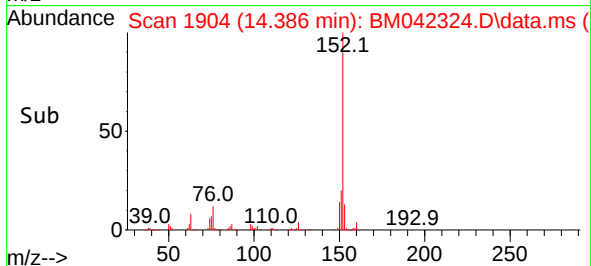
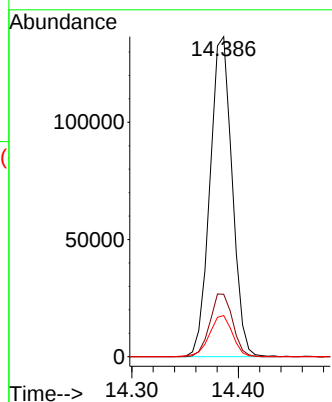


Tgt Ion:152 Resp: 19746
Ion Ratio Lower Upper
152 100
151 19.5 15.9 23.9
153 12.9 10.3 15.5

Manual Integrations
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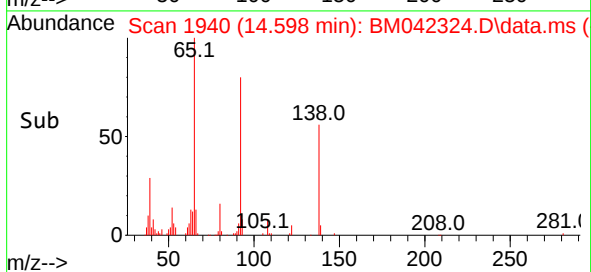
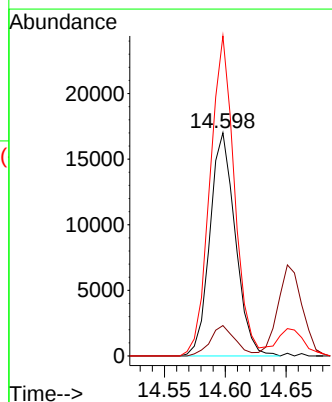
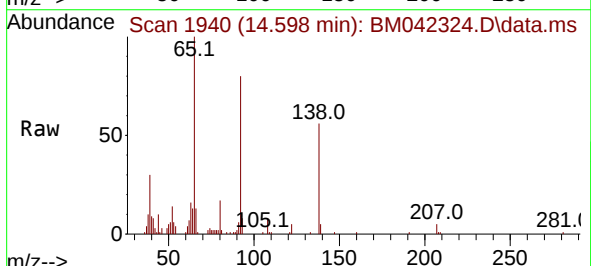
Reviewed By :Yogesh
Patel
10/18/2023

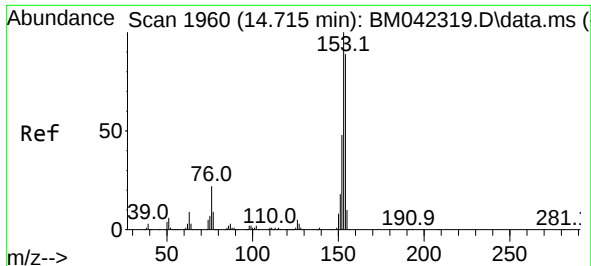
Supervised By :mohammad
ahmed
10/19/2023



#51
3-Nitroaniline
Concen: 3.519 ng/ul
RT: 14.598 min Scan# 1940
Delta R.T. -0.006 min
Lab File: BM042324.D
Acq: 17 Oct 2023 17:10

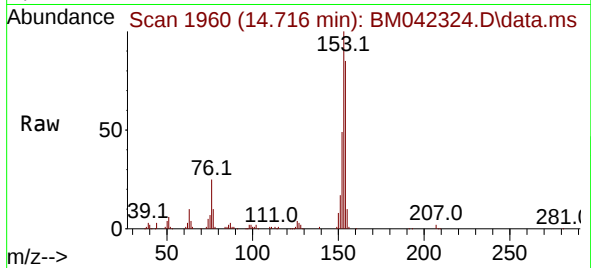
Tgt Ion:138 Resp: 24706
Ion Ratio Lower Upper
138 100
108 13.6 8.5 12.7#
92 143.3 103.8 155.6





#52
Acenaphthene
Concen: 4.657 ng/ul
RT: 14.716 min Scan# 1960
Delta R.T. -0.006 min
Lab File: BM042324.D
Acq: 17 Oct 2023 17:10

Instrument :
BNA_M
ClientSampleId :
MDL-MED-SOIL-QT3-2023-06

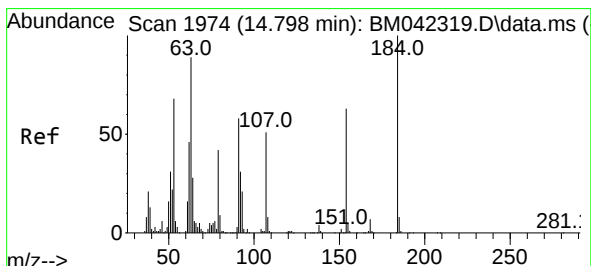
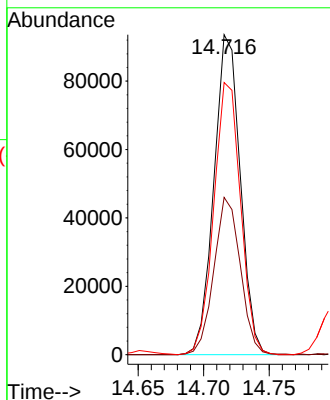
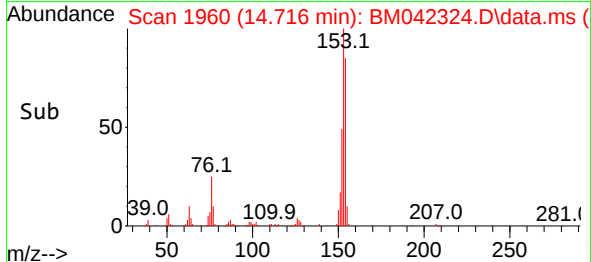


Tgt Ion:153 Resp: 13073
Ion Ratio Lower Upper
153 100
152 49.2 39.0 58.4
154 85.1 70.4 105.6

Manual Integrations
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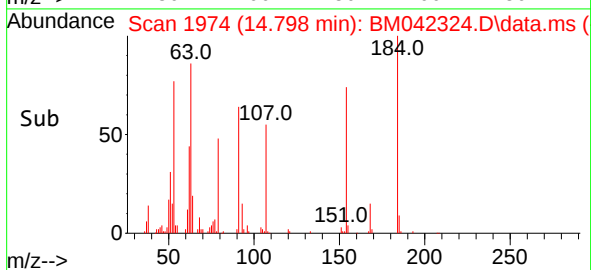
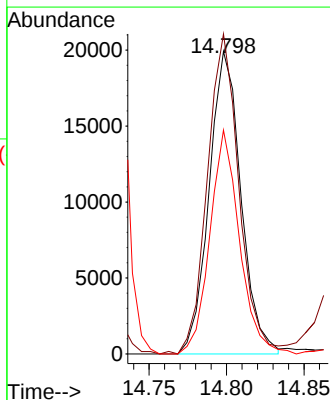
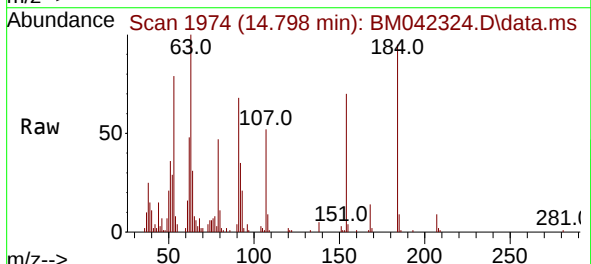
Reviewed By :Yogesh
Patel
10/18/2023

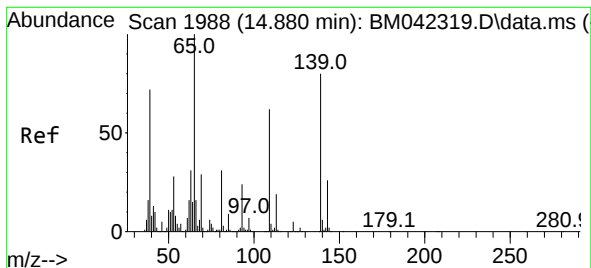
Supervised By :mohammad
ahmed
10/19/2023



#53
2,4-Dinitrophenol
Concen: 7.063 ng/ul
RT: 14.798 min Scan# 1974
Delta R.T. -0.006 min
Lab File: BM042324.D
Acq: 17 Oct 2023 17:10

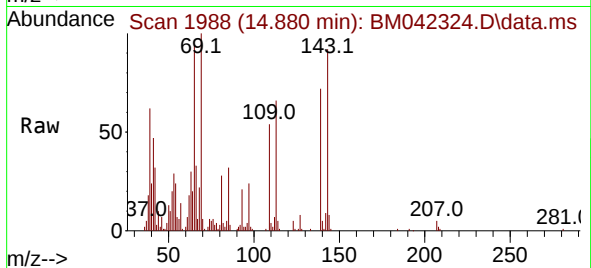
Tgt Ion:184 Resp: 28473
Ion Ratio Lower Upper
184 100
63 105.7 70.6 106.0
154 74.0 50.1 75.1





#55
4-Nitrophenol
Concen: 4.345 ng/ul
RT: 14.880 min Scan# 1988
Delta R.T. -0.006 min
Lab File: BM042324.D
Acq: 17 Oct 2023 17:10

Instrument : BNA_M
ClientSampleId : MDL-MED-SOIL-QT3-2023-06

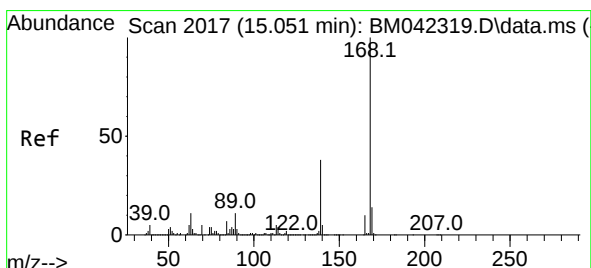
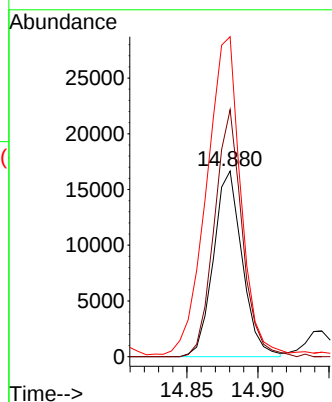
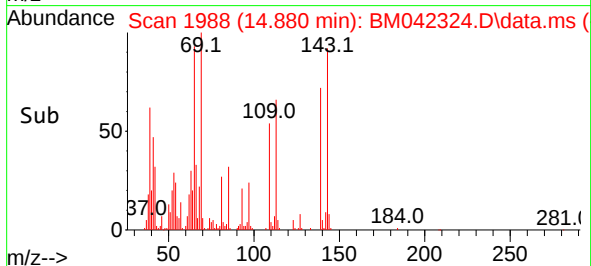


Tgt Ion:109 Resp: 2344
Ion Ratio Lower Upper
109 100
139 133.1 102.5 153.7
65 172.5 126.6 189.8

Manual Integrations
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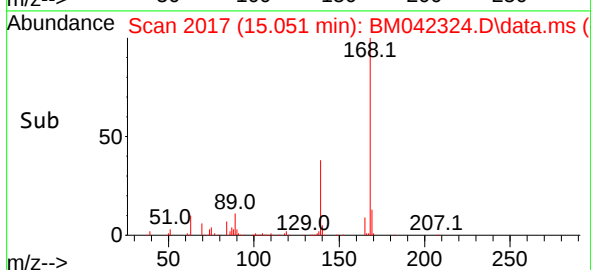
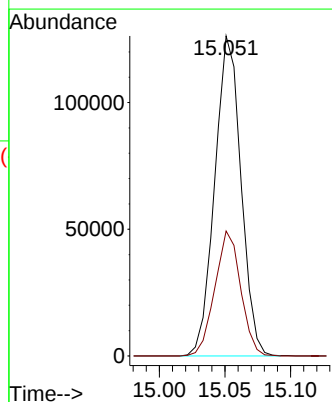
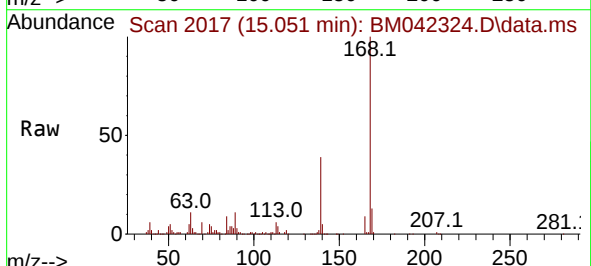
Reviewed By :Yogesh
Patel
10/18/2023

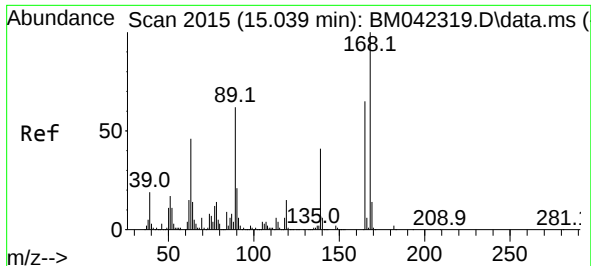
Supervised By :mohammad
ahmed
10/19/2023



#56
Dibenzofuran
Concen: 4.653 ng/ul
RT: 15.051 min Scan# 1717
Delta R.T. -0.006 min
Lab File: BM042324.D
Acq: 17 Oct 2023 17:10

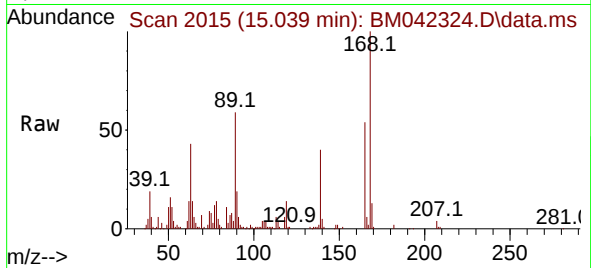
Tgt Ion:168 Resp: 175468
Ion Ratio Lower Upper
168 100
139 39.1 30.7 46.1





#57
2,4-Dinitrotoluene
Concen: 3.899 ng/ul
RT: 15.039 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BM042324.D
Acq: 17 Oct 2023 17:10

Instrument :
BNA_M
ClientSampleId :
MDL-MED-SOIL-QT3-2023-06

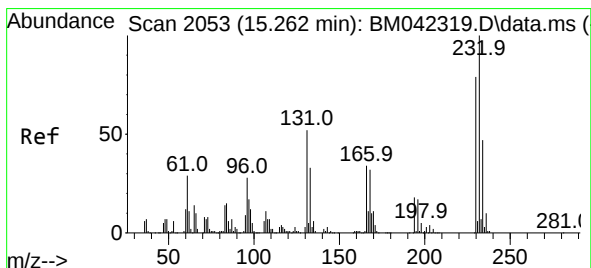
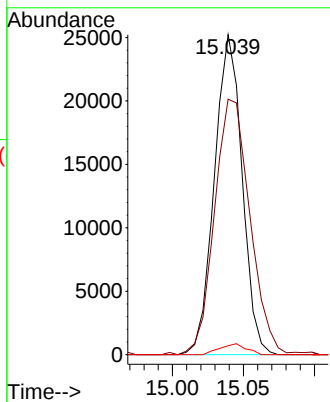
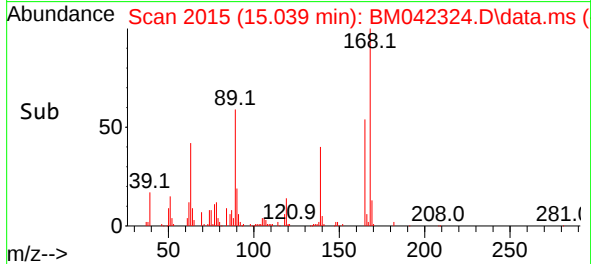


Tgt Ion:165 Resp: 34239
Ion Ratio Lower Upper
165 100
63 79.9 57.5 86.3
182 2.8 2.0 3.0

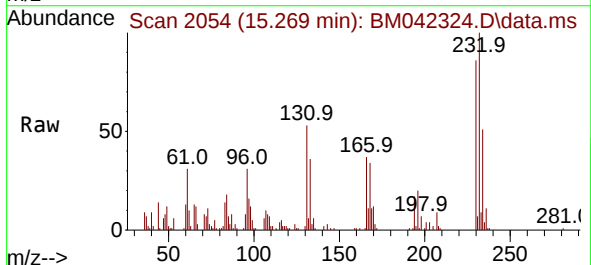
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel
10/18/2023

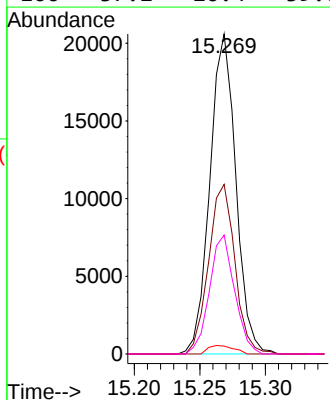
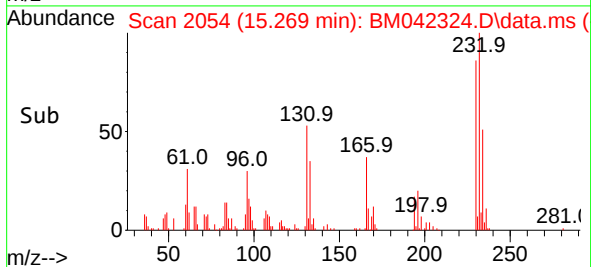
Supervised By :mohammad
ahmed
10/19/2023

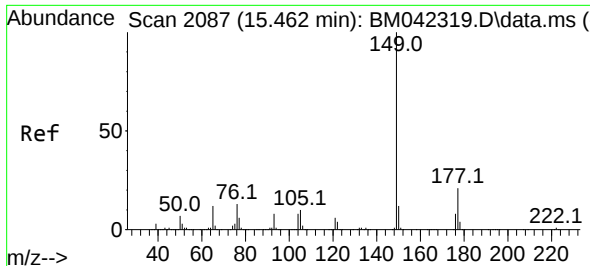


#58
2,3,4,6-Tetrachlorophenol
Concen: 3.918 ng/ul
RT: 15.269 min Scan# 2054
Delta R.T. -0.006 min
Lab File: BM042324.D
Acq: 17 Oct 2023 17:10



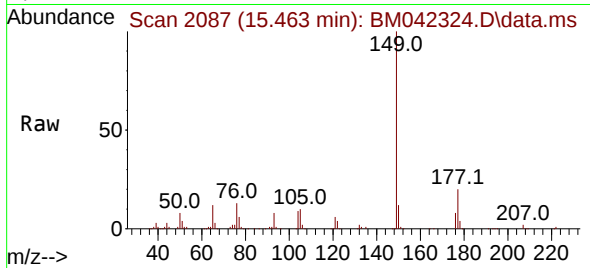
Tgt Ion:232 Resp: 28341
Ion Ratio Lower Upper
232 100
131 53.0 38.2 57.4
130 2.4 2.2 3.4
166 37.2 26.4 39.6





#59
Diethylphthalate
Concen: 4.465 ng/ul
RT: 15.463 min Scan# 2087
Delta R.T. -0.006 min
Lab File: BM042324.D
Acq: 17 Oct 2023 17:10

Instrument :
BNA_M
ClientSampleId :
MDL-MED-SOIL-QT3-2023-06

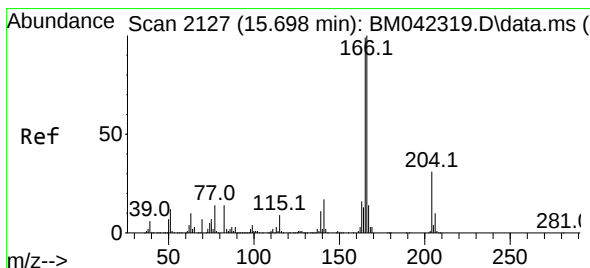
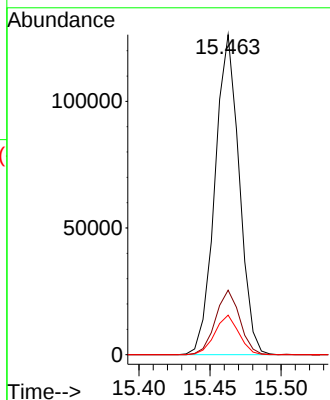
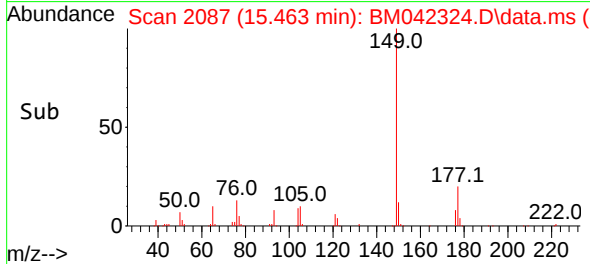


Tgt Ion:149 Resp: 14995
Ion Ratio Lower Upper
149 100
177 20.2 16.6 25.0
150 12.3 9.7 14.5

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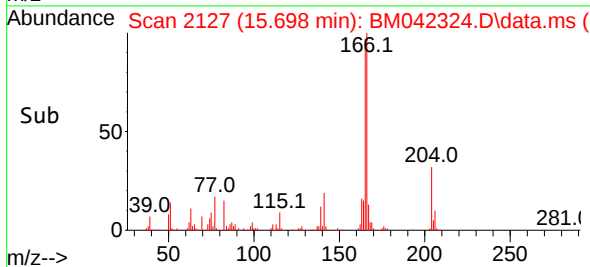
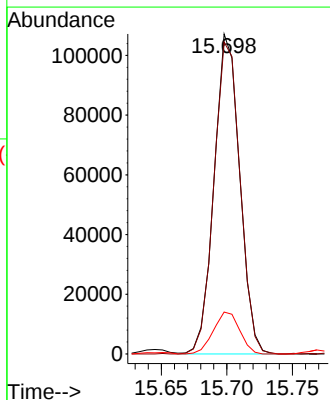
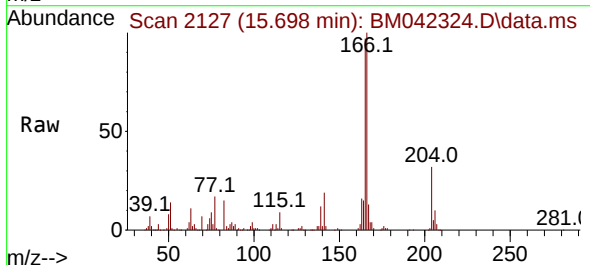
Reviewed By :Yogesh
Patel
10/18/2023

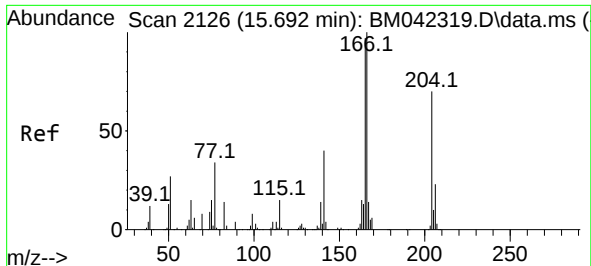
Supervised By :mohammad
ahmed
10/19/2023



#61
Fluorene
Concen: 4.646 ng/ul
RT: 15.698 min Scan# 2127
Delta R.T. -0.006 min
Lab File: BM042324.D
Acq: 17 Oct 2023 17:10

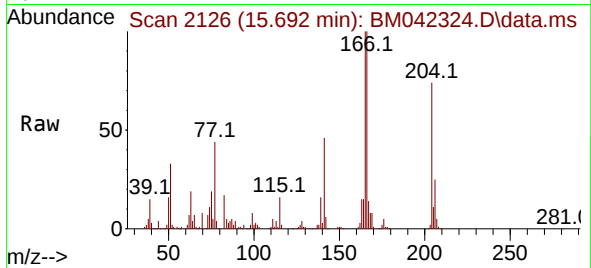
Tgt Ion:166 Resp: 145325
Ion Ratio Lower Upper
166 100
165 97.5 78.7 118.1
167 13.1 10.9 16.3





#62
4-Chlorophenyl-phenylether
Concen: 4.496 ng/ul
RT: 15.692 min Scan# 2126
Delta R.T. -0.006 min
Lab File: BM042324.D
Acq: 17 Oct 2023 17:10

Instrument :
BNA_M
ClientSampleId :
MDL-MED-SOIL-QT3-2023-06

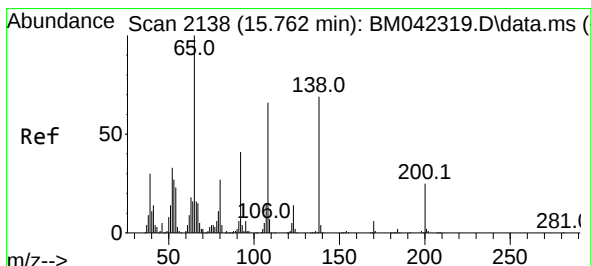
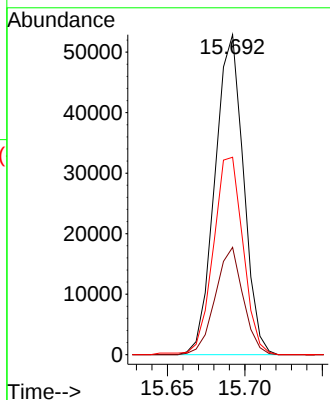
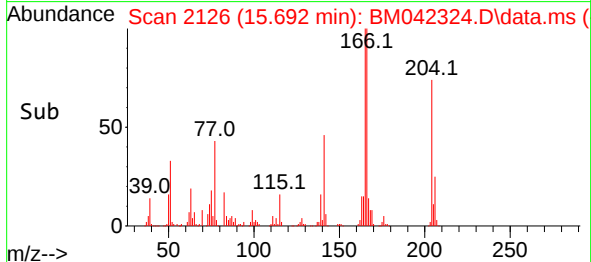


Tgt Ion:204 Resp: 67904
Ion Ratio Lower Upper
204 100
206 33.5 26.3 39.5
141 61.7 48.5 72.7

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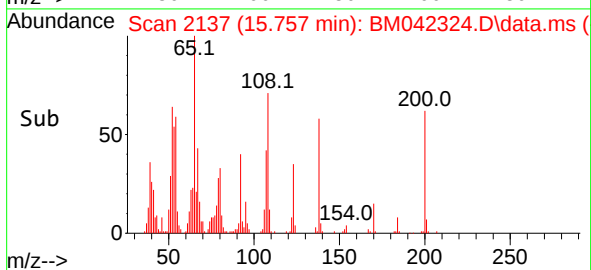
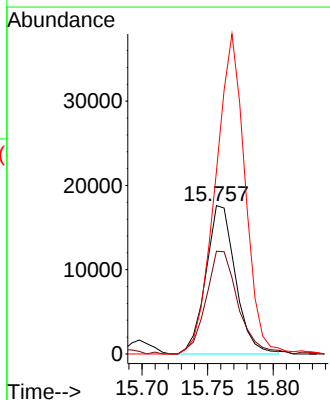
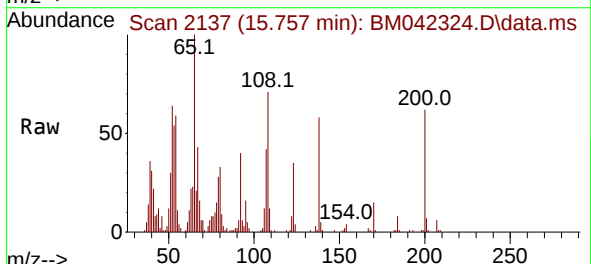
Reviewed By :Yogesh
Patel
10/18/2023

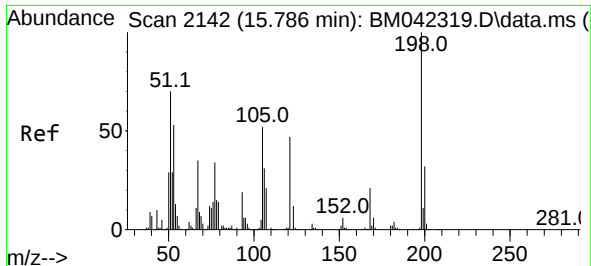
Supervised By :mohammad
ahmed
10/19/2023



#63
4-Nitroaniline
Concen: 4.410 ng/ul
RT: 15.757 min Scan# 2137
Delta R.T. -0.006 min
Lab File: BM042324.D
Acq: 17 Oct 2023 17:10

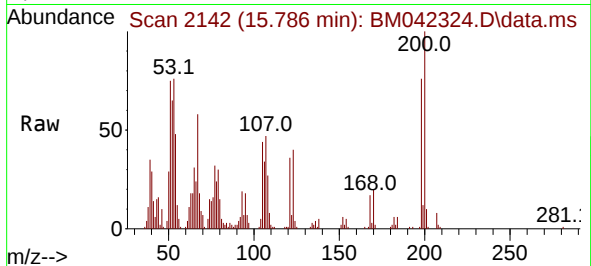
Tgt Ion:138 Resp: 27690
Ion Ratio Lower Upper
138 100
92 69.2 49.5 74.3
108 123.1 72.5 108.7#





#66
4,6-Dinitro-2-methylphenol
Concen: 3.927 ng/ul
RT: 15.786 min Scan# 2142
Delta R.T. -0.006 min
Lab File: BM042324.D
Acq: 17 Oct 2023 17:10

Instrument :
BNA_M
ClientSampleId :
MDL-MED-SOIL-QT3-2023-06

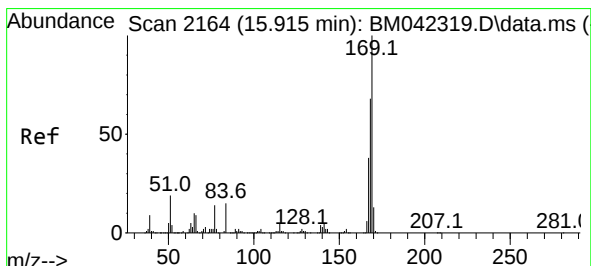
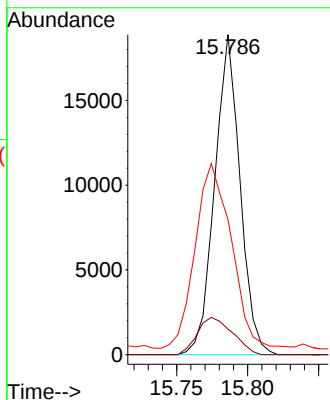
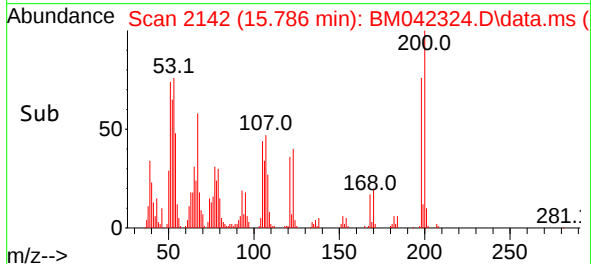


Tgt Ion:198 Resp: 2340
Ion Ratio Lower Upper
198 100
182 8.0 4.2 6.2
77 42.3 27.4 41.0

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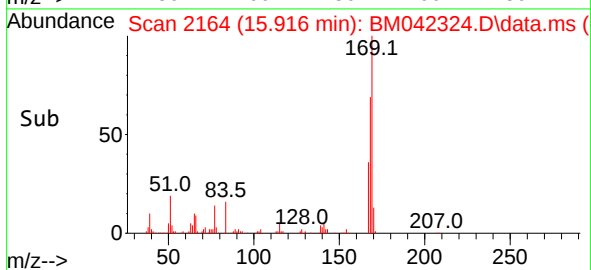
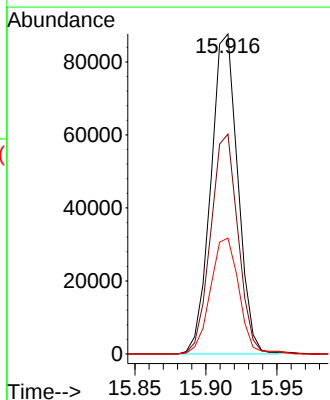
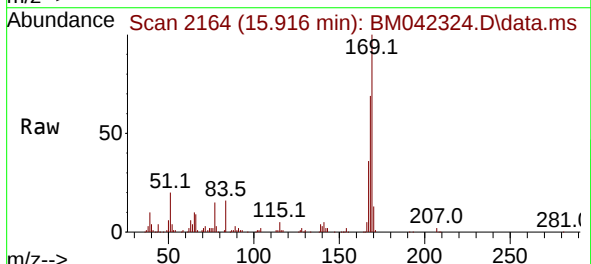
Reviewed By :Yogesh
Patel
10/18/2023

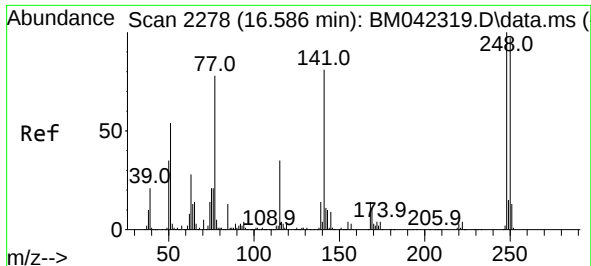
Supervised By :mohammad
ahmed
10/19/2023



#67
N-Nitrosodiphenylamine
Concen: 4.482 ng/ul
RT: 15.916 min Scan# 2164
Delta R.T. -0.006 min
Lab File: BM042324.D
Acq: 17 Oct 2023 17:10

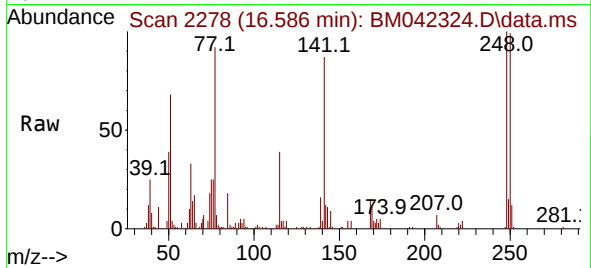
Tgt Ion:169 Resp: 115997
Ion Ratio Lower Upper
169 100
168 68.7 55.8 83.8
167 36.2 29.8 44.8





#68
4-Bromophenyl-phenylether
Concen: 4.178 ng/ul
RT: 16.586 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM042324.D
Acq: 17 Oct 2023 17:10

Instrument :
BNA_M
ClientSampleId :
MDL-MED-SOIL-QT3-2023-06

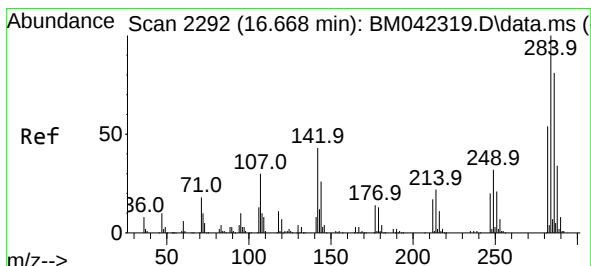
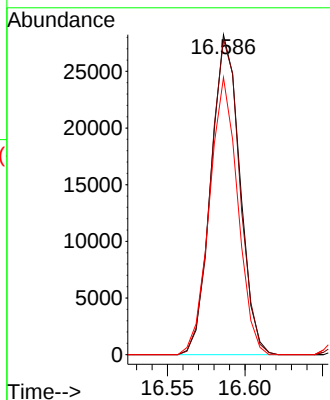
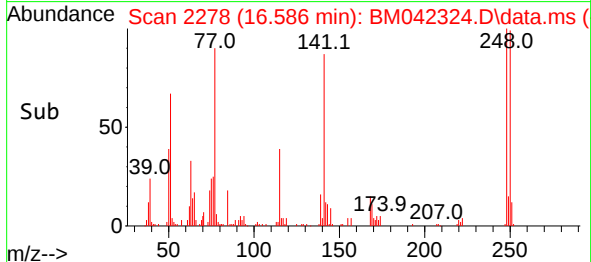


Tgt Ion:248 Resp: 3655
Ion Ratio Lower Upper
248 100
250 98.6 79.4 119.0
141 86.6 66.5 99.7

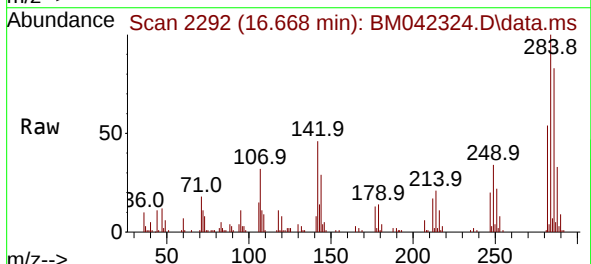
Manual Integrations
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Reviewed By :Yogesh
Patel
10/18/2023

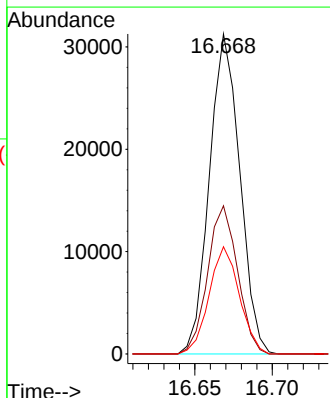
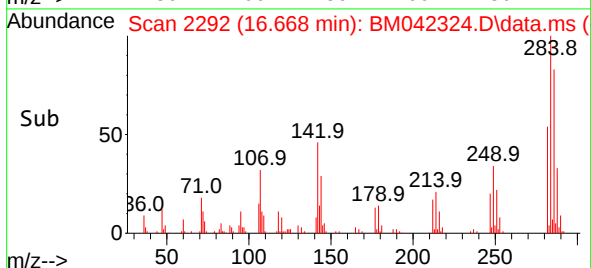
Supervised By :mohammad
ahmed
10/19/2023

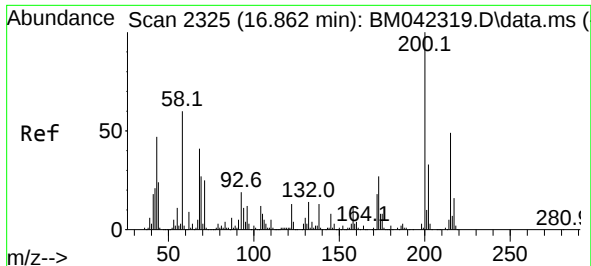


#69
Hexachlorobenzene
Concen: 4.293 ng/ul
RT: 16.668 min Scan# 2292
Delta R.T. -0.006 min
Lab File: BM042324.D
Acq: 17 Oct 2023 17:10



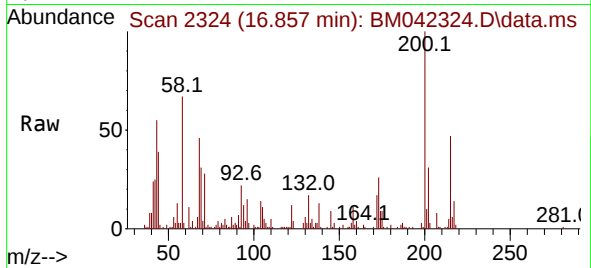
Tgt Ion:284 Resp: 42709
Ion Ratio Lower Upper
284 100
142 46.3 33.8 50.6
249 33.5 25.4 38.0





#70
Atrazine
Concen: 3.922 ng/ul
RT: 16.857 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM042324.D
Acq: 17 Oct 2023 17:10

Instrument :
BNA_M
ClientSampleId :
MDL-MED-SOIL-QT3-2023-06

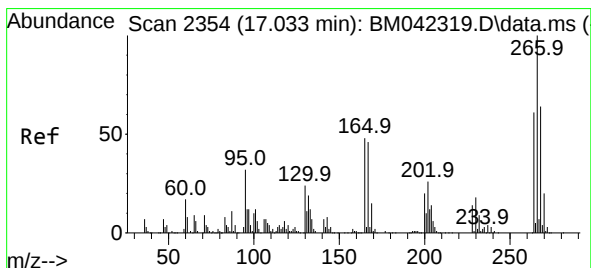
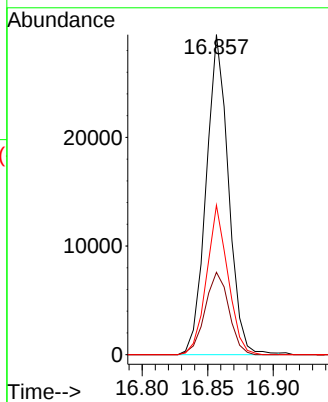
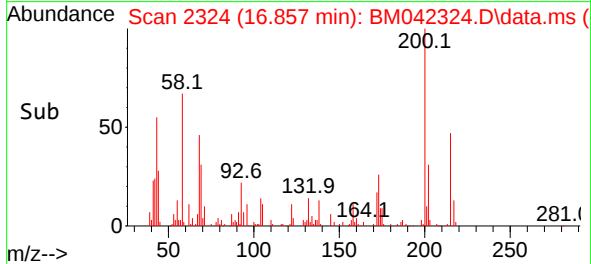


Tgt Ion:200 Resp: 34834
Ion Ratio Lower Upper
200 100
173 25.7 21.0 31.6
215 46.7 36.1 54.1

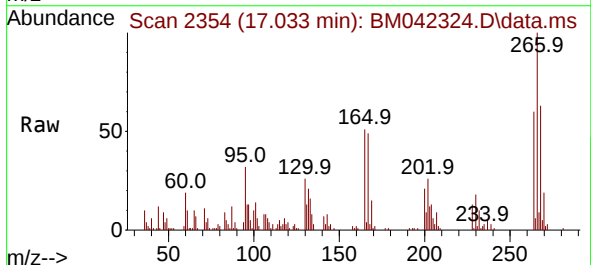
Manual Integrations
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Reviewed By :Yogesh
Patel
10/18/2023

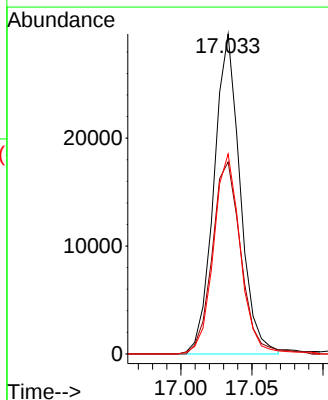
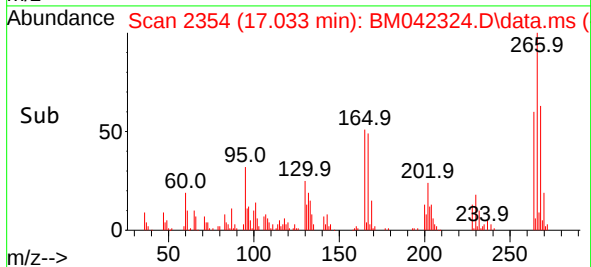
Supervised By :mohammad
ahmed
10/19/2023

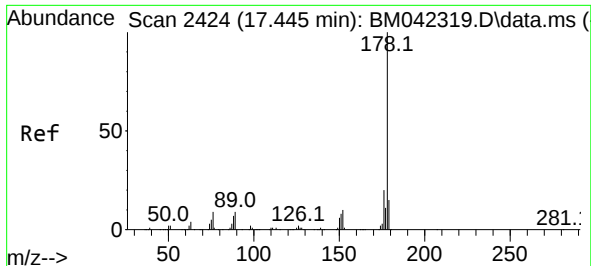


#71
Pentachlorophenol
Concen: 5.643 ng/ul
RT: 17.033 min Scan# 2354
Delta R.T. -0.006 min
Lab File: BM042324.D
Acq: 17 Oct 2023 17:10



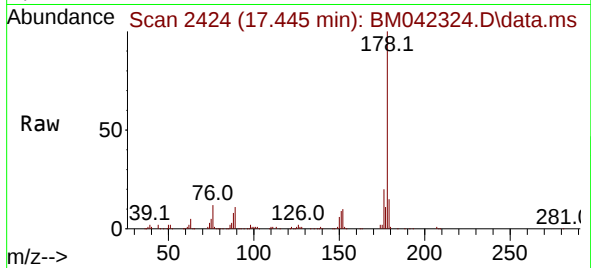
Tgt Ion:266 Resp: 38037
Ion Ratio Lower Upper
266 100
264 60.0 51.2 76.8
268 62.5 52.6 78.8





#72
Phenanthrene
Concen: 4.508 ng/ul
RT: 17.445 min Scan# 2424
Delta R.T. -0.006 min
Lab File: BM042324.D
Acq: 17 Oct 2023 17:10

Instrument : BNA_M
ClientSampleId : MDL-MED-SOIL-QT3-2023-06

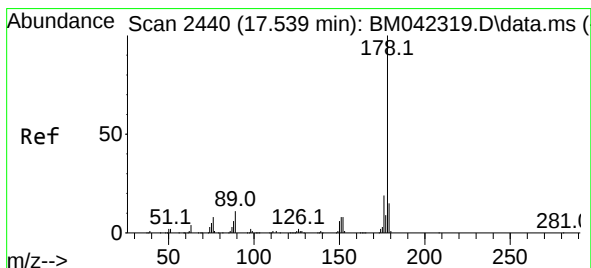
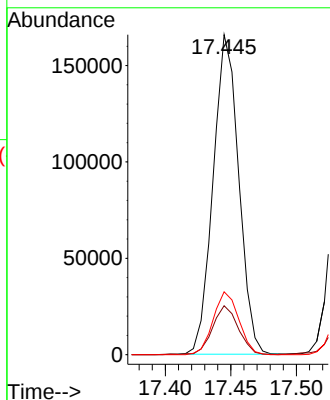


Tgt Ion:178 Resp: 224949
Ion Ratio Lower Upper
178 100
179 15.3 12.2 18.4
176 19.7 15.8 23.8

Manual Integrations
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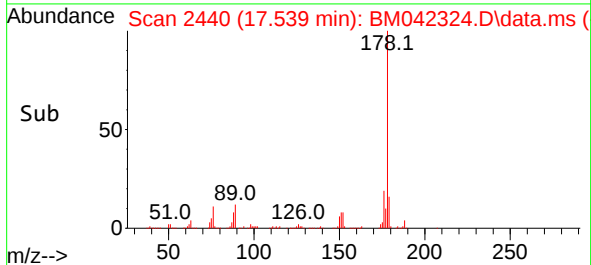
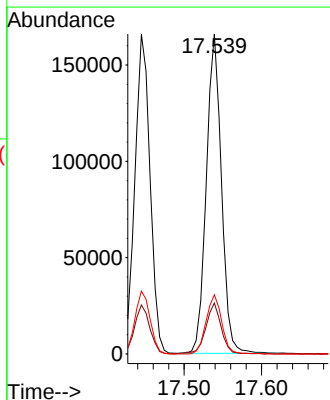
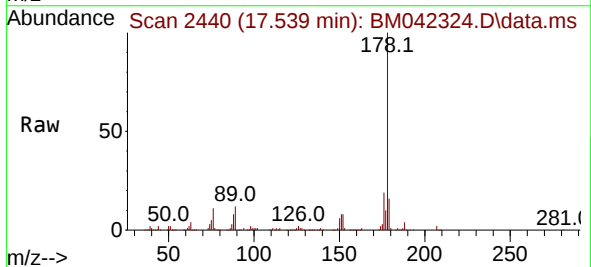
Reviewed By :Yogesh
Patel
10/18/2023

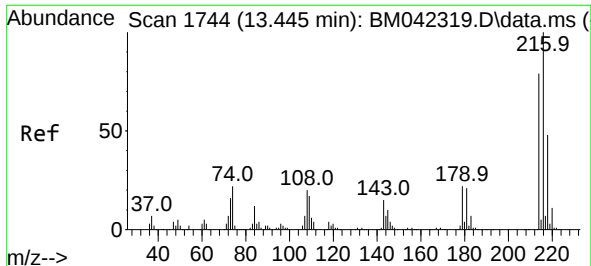
Supervised By :mohammad
ahmed
10/19/2023



#74
Anthracene
Concen: 4.474 ng/ul
RT: 17.539 min Scan# 2440
Delta R.T. -0.006 min
Lab File: BM042324.D
Acq: 17 Oct 2023 17:10

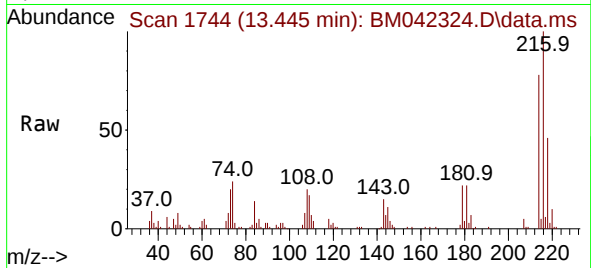
Tgt Ion:178 Resp: 224542
Ion Ratio Lower Upper
178 100
179 15.9 12.2 18.2
176 18.5 15.0 22.4





#75
1,2,3,4-Tetrachlorobenzene
Concen: 4.296 ng/uL
RT: 13.445 min Scan# 1744
Delta R.T. -0.006 min
Lab File: BM042324.D
Acq: 17 Oct 2023 17:10

Instrument :
BNA_M
ClientSampleId :
MDL-MED-SOIL-QT3-2023-06

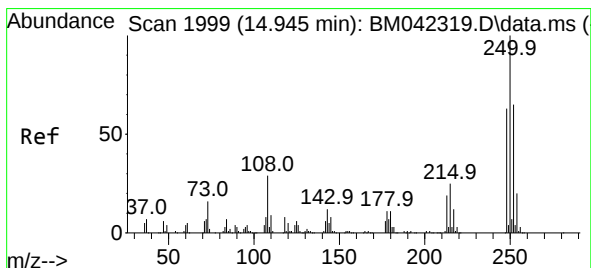
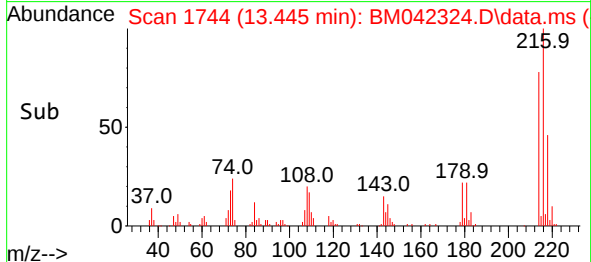
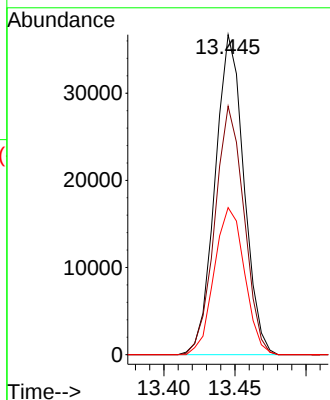


Tgt Ion:216 Resp: 51780
Ion Ratio Lower Upper
216 100
214 77.7 62.0 93.0
218 45.9 38.8 58.2

Manual Integrations
APPROVED

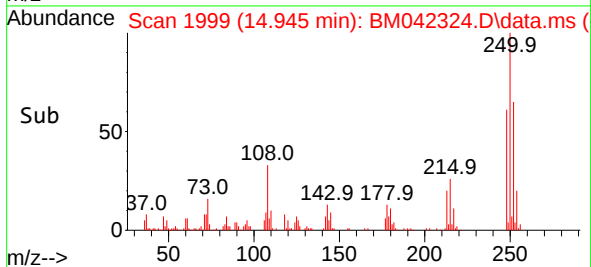
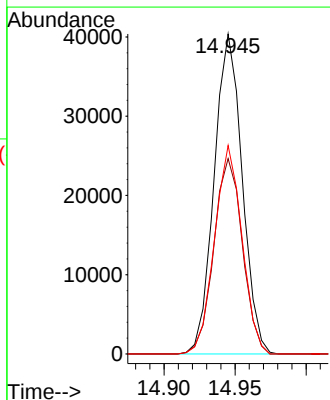
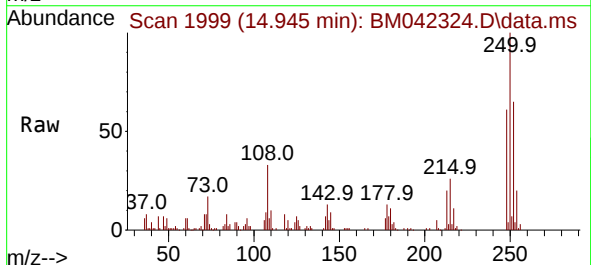
Reviewed By :Yogesh
Patel
10/18/2023

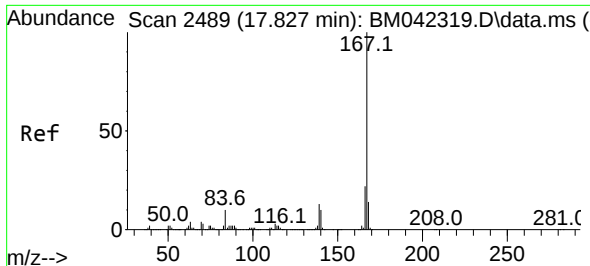
Supervised By :mohammad
ahmed
10/19/2023



#76
Pentachlorobenzene
Concen: 4.676 ng/uL
RT: 14.945 min Scan# 1999
Delta R.T. -0.006 min
Lab File: BM042324.D
Acq: 17 Oct 2023 17:10

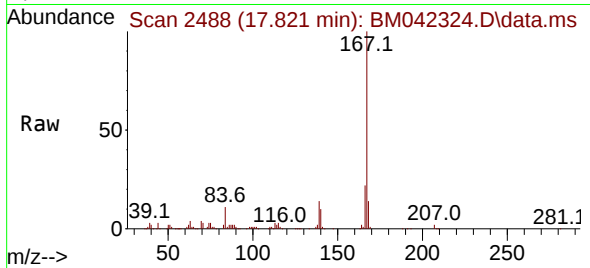
Tgt Ion:250 Resp: 55338
Ion Ratio Lower Upper
250 100
248 61.1 51.1 76.7
252 65.1 52.9 79.3





#77
 Carbazole
 Concen: 4.274 ng/ul
 RT: 17.821 min Scan# 2488
 Delta R.T. -0.006 min
 Lab File: BM042324.D
 Acq: 17 Oct 2023 17:10

Instrument : BNA_M
 ClientSampleId : MDL-MED-SOIL-QT3-2023-06

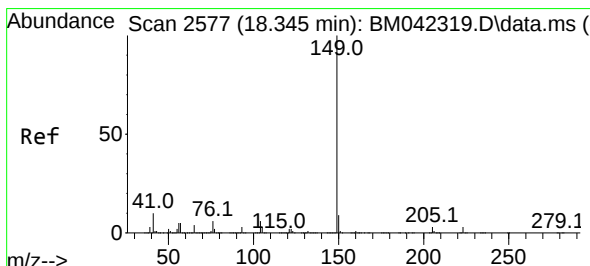
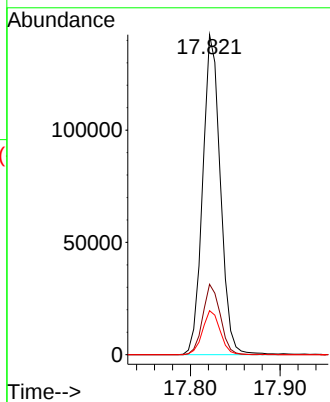
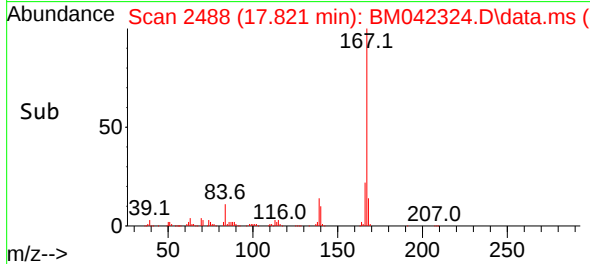


Tgt Ion:167 Resp: 195430
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.4 26.0
 139 13.7 10.6 16.0

Manual Integrations
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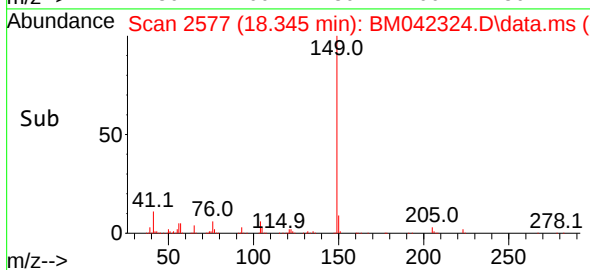
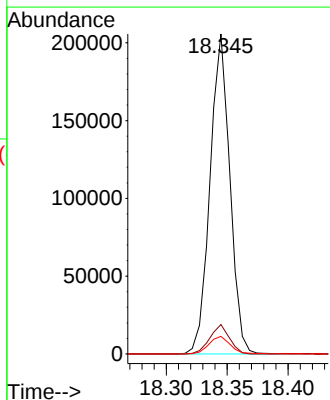
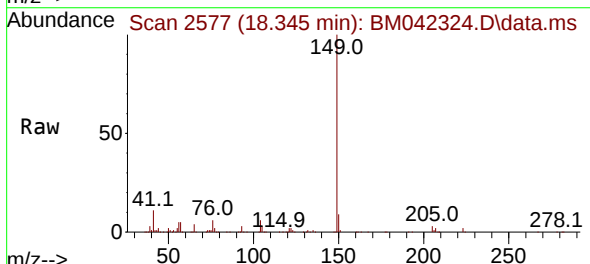
Reviewed By :Yogesh
 Patel
 10/18/2023

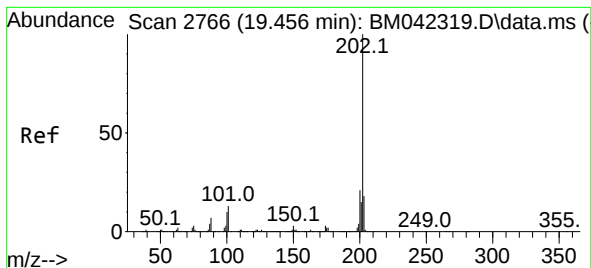
Supervised By :mohammad
 ahmed
 10/19/2023



#78
 Di-n-butylphthalate
 Concen: 4.026 ng/ul
 RT: 18.345 min Scan# 2577
 Delta R.T. -0.006 min
 Lab File: BM042324.D
 Acq: 17 Oct 2023 17:10

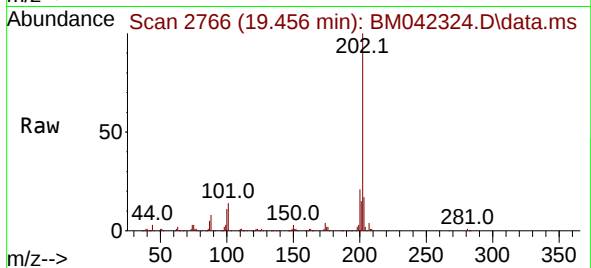
Tgt Ion:149 Resp: 233002
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.2 10.8
 104 5.5 4.6 6.8





#80
Fluoranthene
Concen: 4.386 ng/ul
RT: 19.456 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM042324.D
Acq: 17 Oct 2023 17:10

Instrument :
BNA_M
ClientSampleId :
MDL-MED-SOIL-QT3-2023-06

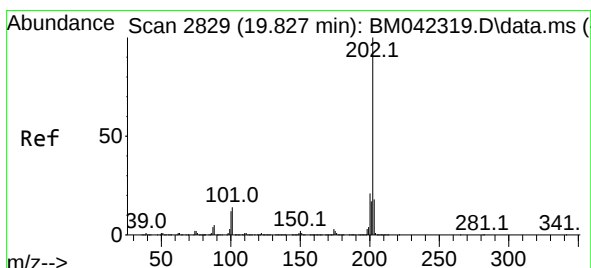
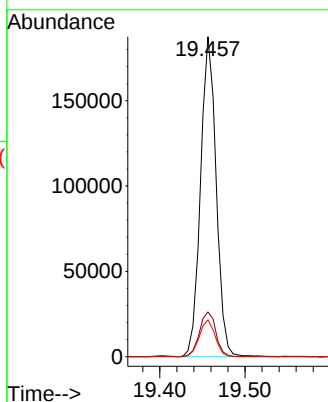
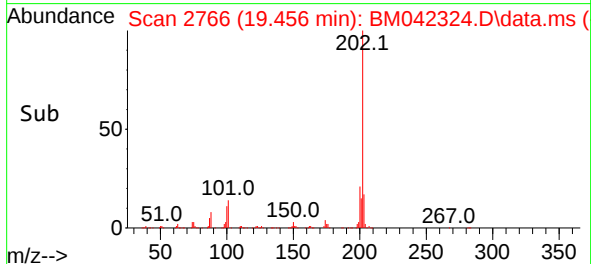


Tgt Ion:202 Resp: 23887
Ion Ratio Lower Upper
202 100
101 14.0 10.8 16.2
100 11.5 8.3 12.5

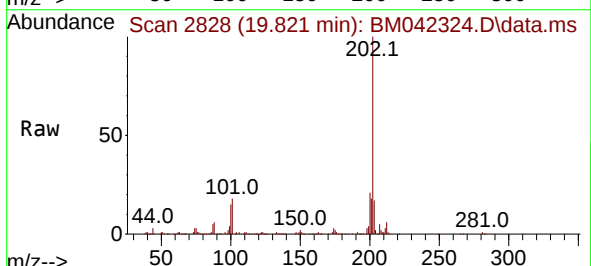
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Reviewed By :Yogesh
Patel
10/18/2023

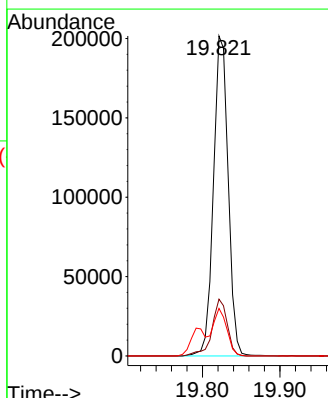
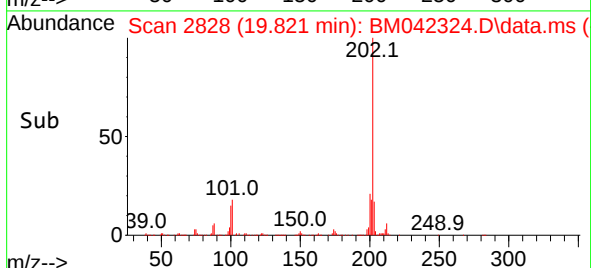
Supervised By :mohammad
ahmed
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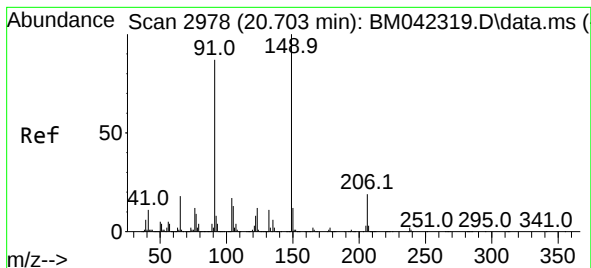


#82
Pyrene
Concen: 4.640 ng/ul
RT: 19.821 min Scan# 2828
Delta R.T. -0.012 min
Lab File: BM042324.D
Acq: 17 Oct 2023 17:10



Tgt Ion:202 Resp: 265656
Ion Ratio Lower Upper
202 100
101 17.8 11.9 17.9
100 14.8 9.9 14.9





#83

Butylbenzylphthalate

Concen: 3.842 ng/ul

RT: 20.703 min Scan# 2978

Delta R.T. -0.006 min

Lab File: BM042324.D

Acq: 17 Oct 2023 17:10

Instrument :

BNA_M

ClientSampleId :

MDL-MED-SOIL-QT3-2023-06

Tgt Ion:149 Resp: 93760

Ion	Ratio	Lower	Upper
149	100		
91	83.8	67.1	100.7
206	17.0	14.2	21.2

Manual Integrations

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Reviewed By :Yogesh

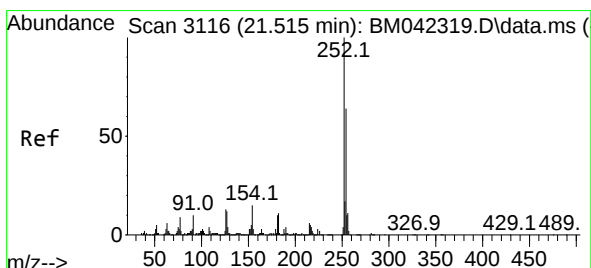
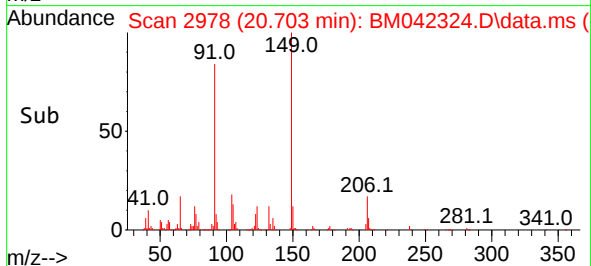
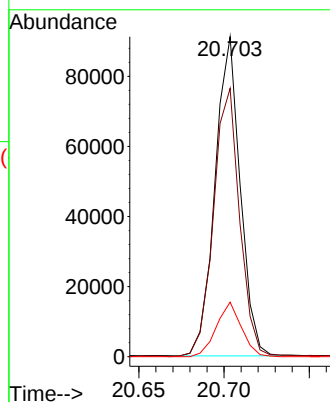
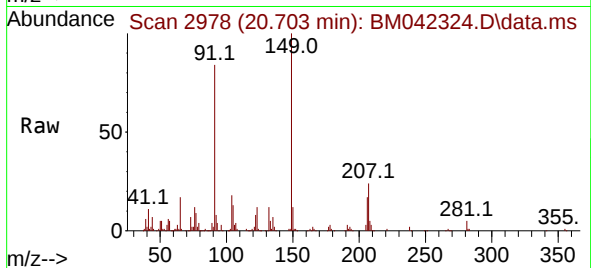
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Supervised By :mohammad

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10/19/2023



#84

3,3'-Dichlorobenzidine

Concen: 3.687 ng/ul

RT: 21.509 min Scan# 3115

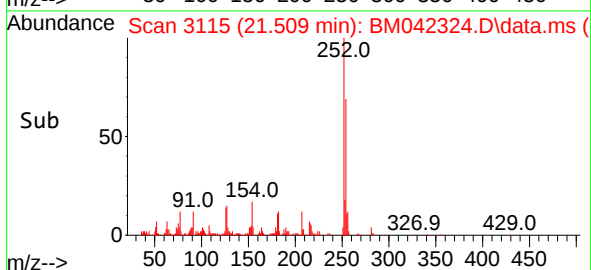
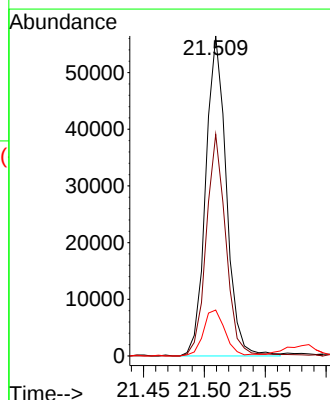
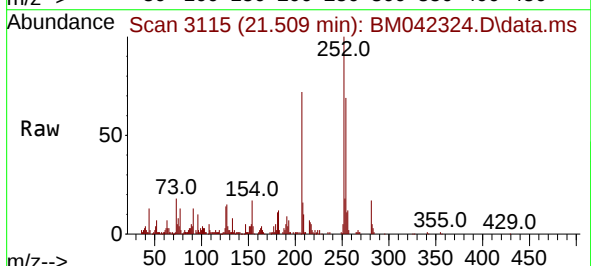
Delta R.T. -0.012 min

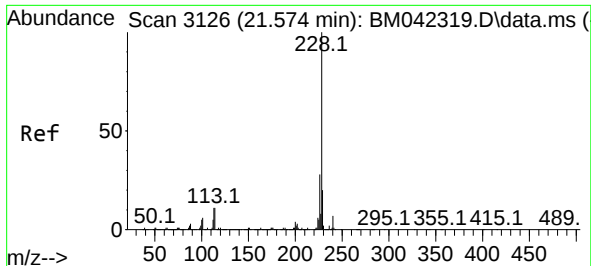
Lab File: BM042324.D

Acq: 17 Oct 2023 17:10

Tgt Ion:252 Resp: 66467

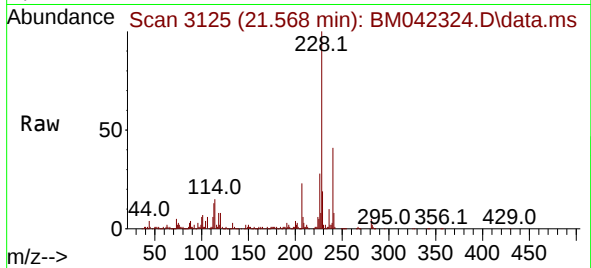
Ion	Ratio	Lower	Upper
252	100		
254	69.2	52.5	78.7
126	14.4	10.4	15.6





#85
Benzo(a)anthracene
Concen: 4.325 ng/ul
RT: 21.568 min Scan# 3126
Delta R.T. -0.012 min
Lab File: BM042324.D
Acq: 17 Oct 2023 17:10

Instrument : BNA_M
ClientSampleId : MDL-MED-SOIL-QT3-2023-06

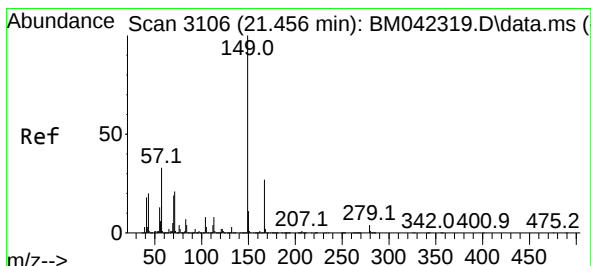
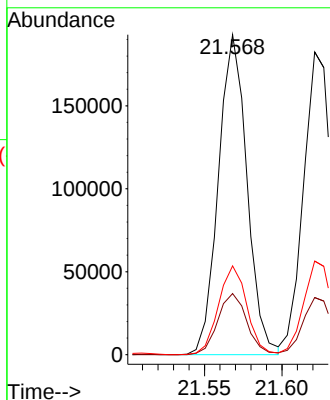
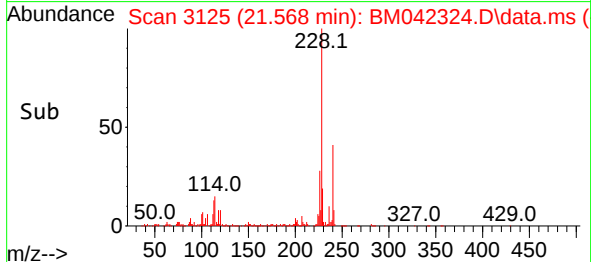


Tgt Ion:228 Resp: 247588
Ion Ratio Lower Upper
228 100
229 19.1 15.9 23.9
226 27.8 22.2 33.4

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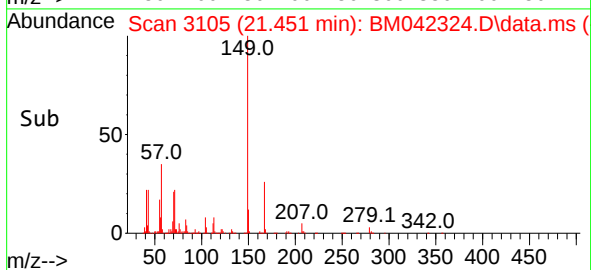
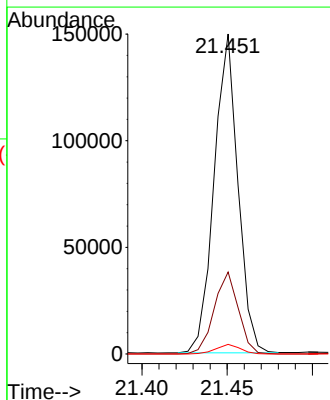
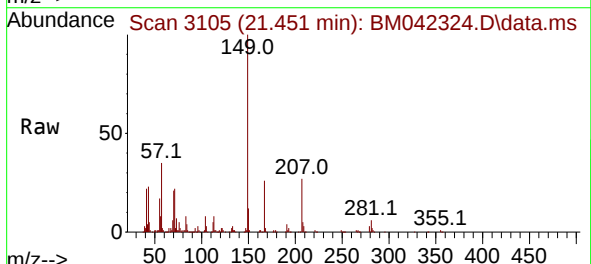
Reviewed By :Yogesh
Patel
10/18/2023

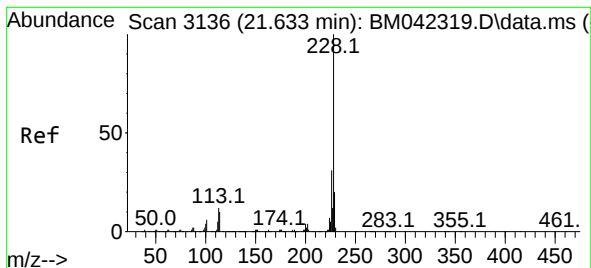
Supervised By :mohammad
ahmed
10/19/2023



#86
Bis(2-ethylhexyl)phthalate
Concen: 4.031 ng/ul
RT: 21.451 min Scan# 3105
Delta R.T. -0.006 min
Lab File: BM042324.D
Acq: 17 Oct 2023 17:10

Tgt Ion:149 Resp: 145343
Ion Ratio Lower Upper
149 100
167 25.6 21.1 31.7
279 3.0 2.4 3.6





#87

Chrysene

Concen: 4.410 ng/ul

RT: 21.621 min Scan# 3136

Delta R.T. -0.012 min

Lab File: BM042324.D

Acq: 17 Oct 2023 17:10

Instrument :

BNA_M

ClientSampleId :

MDL-MED-SOIL-QT3-2023-06

Tgt Ion:228 Resp: 23213
 Ion Ratio Lower Upper
 228 100
 226 30.9 24.4 36.6
 229 18.9 15.7 23.5

Manual Integrations

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Reviewed By :Yogesh

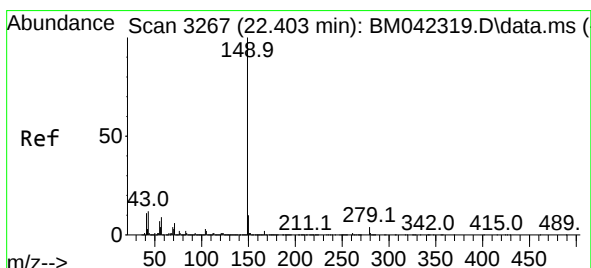
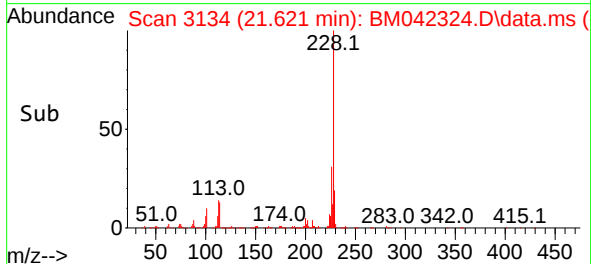
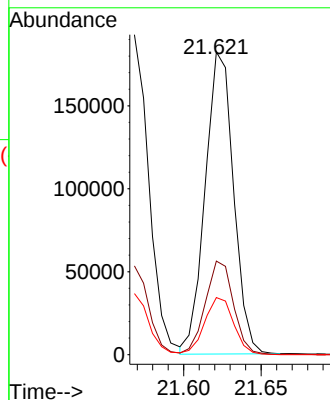
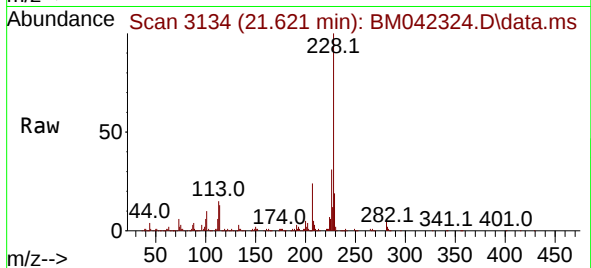
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#89

Di-n-octyl phthalate

Concen: 3.853 ng/ul

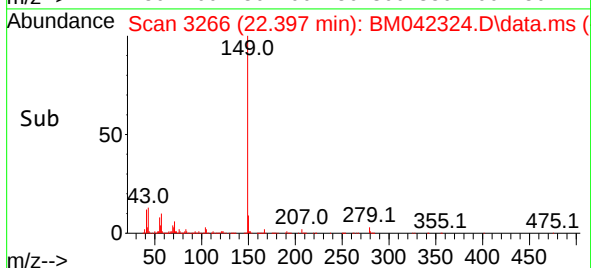
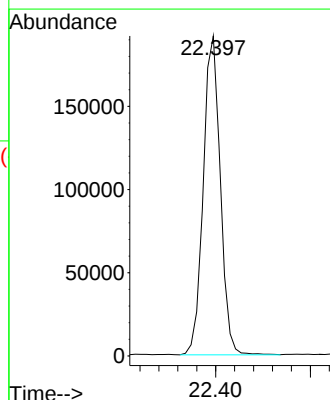
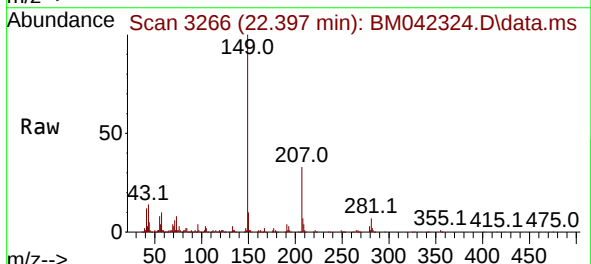
RT: 22.397 min Scan# 3266

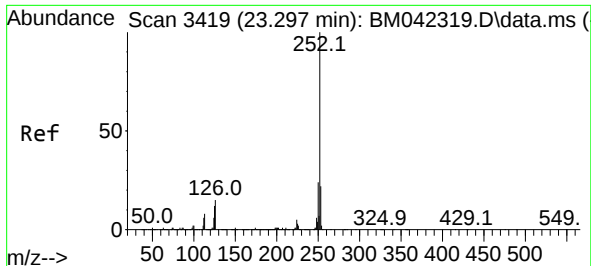
Delta R.T. -0.012 min

Lab File: BM042324.D

Acq: 17 Oct 2023 17:10

Tgt Ion:149 Resp: 239650





#90
Benzo(b)fluoranthene
Concen: 4.349 ng/ul
RT: 23.292 min Scan# 3419
Delta R.T. -0.017 min
Lab File: BM042324.D
Acq: 17 Oct 2023 17:10

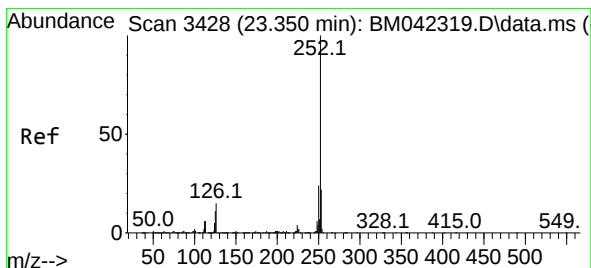
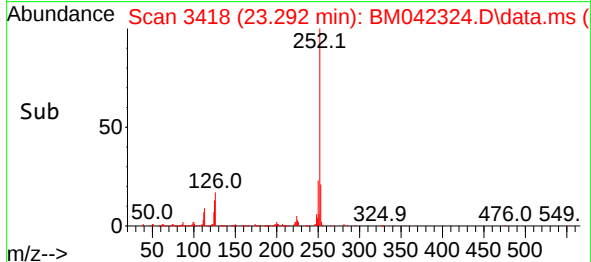
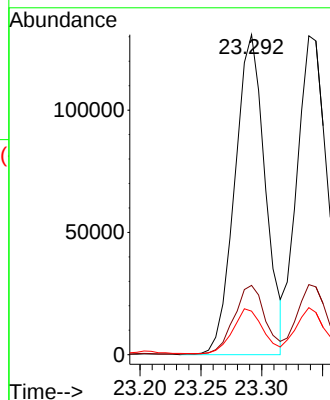
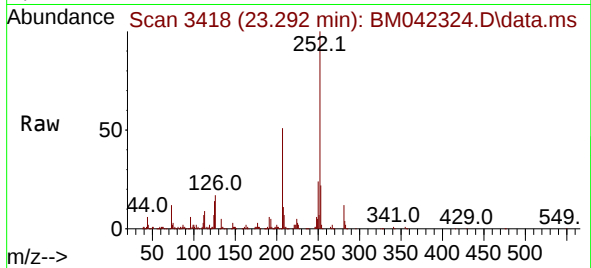
Instrument : BNA_M
ClientSampleId :
MDL-MED-SOIL-QT3-2023-06

Tgt Ion:252 Resp: 22756
Ion Ratio Lower Upper
252 100
253 21.6 17.4 26.0
125 13.6 9.4 14.2

Manual Integrations
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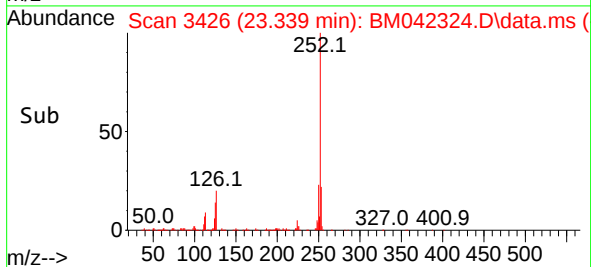
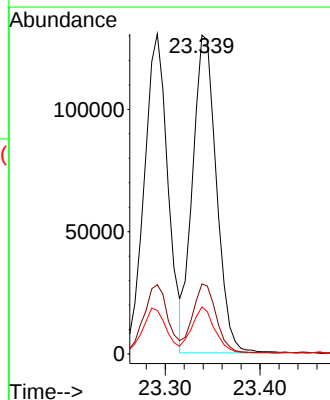
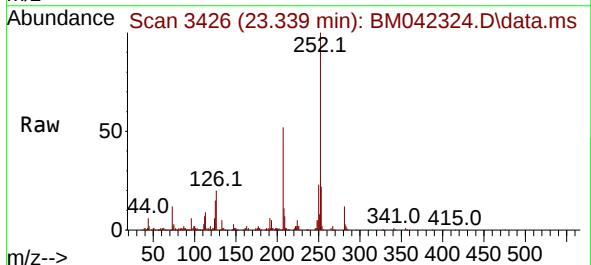
Reviewed By :Yogesh
Patel
10/18/2023

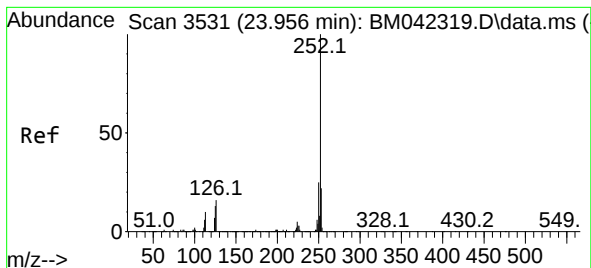
Supervised By :mohammad
ahmed
10/19/2023



#91
Benzo(k)fluoranthene
Concen: 4.384 ng/ul m
RT: 23.339 min Scan# 3426
Delta R.T. -0.018 min
Lab File: BM042324.D
Acq: 17 Oct 2023 17:10

Tgt Ion:252 Resp: 226854
Ion Ratio Lower Upper
252 100
253 22.0 17.7 26.5
125 14.8 9.8 14.6#





#93

Benzo(a)pyrene

Concen: 4.515 ng/ul

RT: 23.944 min Scan# 3

Delta R.T. -0.018 min

Lab File: BM042324.D

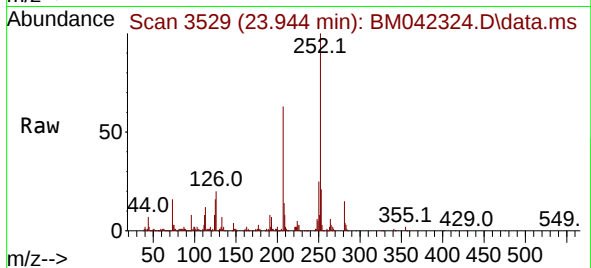
Acq: 17 Oct 2023 17:10

Instrument :

BNA_M

ClientSampleId :

MDL-MED-SOIL-QT3-2023-06



Tgt Ion:	252	Resp:	22104
Ion Ratio	Lower	Upper	
252	100		
253	21.0	17.3	25.9
125	16.0	10.8	16.2

Manual Integrations

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Reviewed By :Yogesh

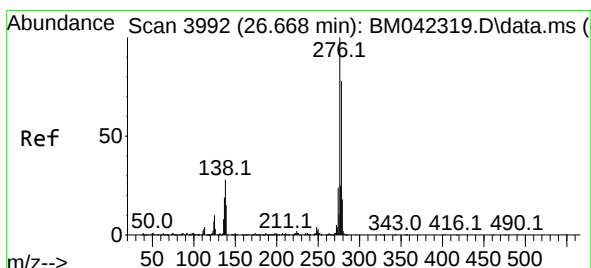
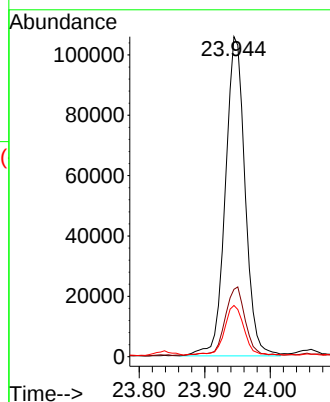
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#94

Indeno(1,2,3-cd)pyrene

Concen: 4.061 ng/ul

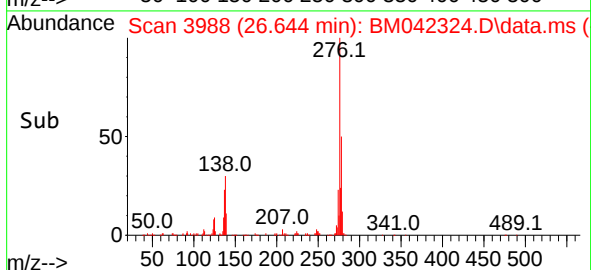
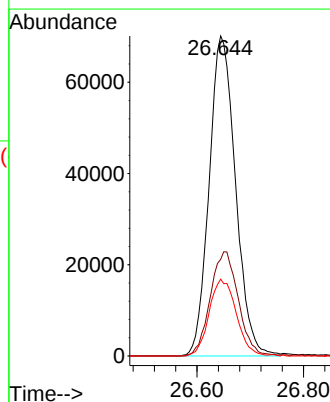
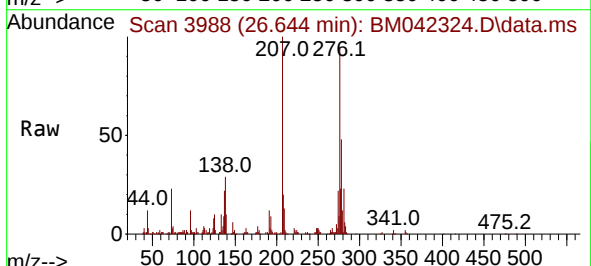
RT: 26.644 min Scan# 3988

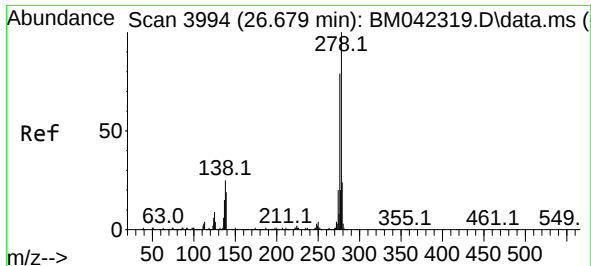
Delta R.T. -0.029 min

Lab File: BM042324.D

Acq: 17 Oct 2023 17:10

Tgt Ion:	276	Resp:	241481
Ion Ratio	Lower	Upper	
276	100		
138	30.2	22.8	34.2
277	24.0	20.0	30.0





#95
Dibenzo(a,h)anthracene
Concen: 4.037 ng/ul
RT: 26.668 min Scan# 3994
Delta R.T. -0.023 min
Lab File: BM042324.D
Acq: 17 Oct 2023 17:10

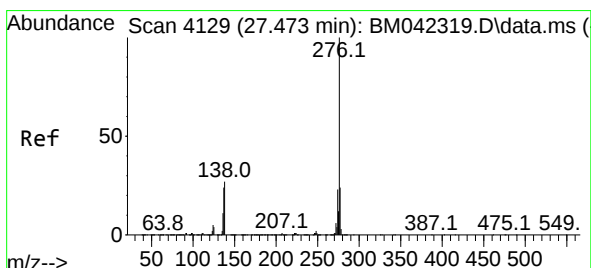
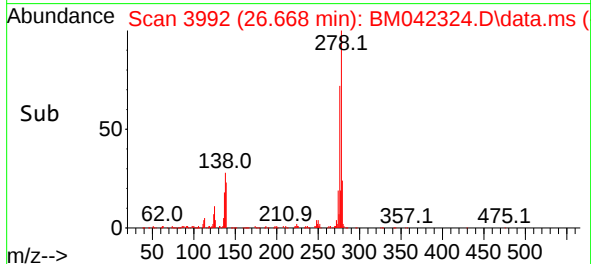
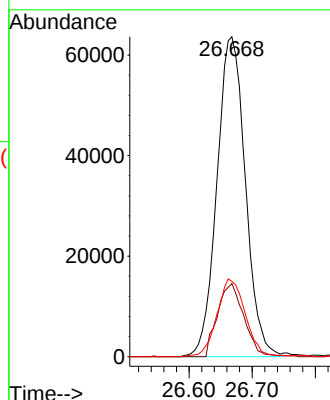
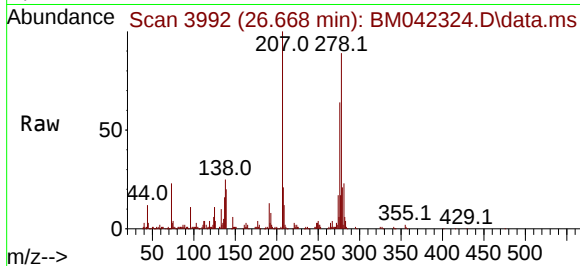
Instrument :
BNA_M
ClientSampleId :
MDL-MED-SOIL-QT3-2023-06

Tgt Ion:278 Resp: 19911
Ion Ratio Lower Upper
278 100
139 22.9 15.8 23.8
279 23.5 19.1 28.7

Manual Integrations
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Reviewed By :Yogesh
Patel
10/18/2023

Supervised By :mohammad
ahmed
10/19/2023



#96
Benzo(g,h,i)perylene
Concen: 4.064 ng/ul
RT: 27.462 min Scan# 4127
Delta R.T. -0.029 min
Lab File: BM042324.D
Acq: 17 Oct 2023 17:10

Tgt Ion:276 Resp: 189035
Ion Ratio Lower Upper
276 100
138 28.6 22.1 33.1
277 22.6 19.4 29.0

