

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN011624\
 Data File : BN029251.D
 Acq On : 16 Jan 2024 16:20
 Operator : MA/JU
 Sample : 04696-05
 Misc : SFAM-MDL-ME-SOIL-01
 ALS Vial : 12 Sample Multiplier: 1

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

Quant Time: Jan 17 01:33:38 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN011524.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jan 16 03:57:40 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 01/17/2024
 Supervised By :mohammad ahmed 01/18/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.940	152	118340	20.000	ng/u1	0.00
20) Naphthalene-d8	10.746	136	533278	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.581	164	368408	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.334	188	850657	20.000	ng/u1	0.00
79) Chrysene-d12	21.533	240	889836	20.000	ng/u1	0.00
88) Perylene-d12	23.945	264	1023878	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.370	96	14375	5.017	ng/uL	0.00
4) Pyridine-d5	3.781	84	193302	21.871	ng/u1	0.00
7) Phenol-d5	7.099	99	225644	19.873	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.281	67	149726	20.907	ng/u1	0.00
11) 2-Chlorophenol-d4	7.469	132	173234	21.568	ng/u1	0.00
15) 4-Methylphenol-d8	8.646	113	185719	20.287	ng/u1	0.00
21) Nitrobenzene-d5	9.111	128	90636	23.427	ng/u1	0.00
24) 2-Nitrophenol-d4	9.828	143	71493	22.283	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.363	165	167668	20.994	ng/u1	0.00
31) 4-Chloroaniline-d4	10.887	131	291842	20.191	ng/u1	0.00
46) Dimethylphthalate-d6	14.004	166	654291	21.576	ng/u1	0.00
49) Acenaphthylene-d8	14.275	160	729861	21.371	ng/u1	0.00
54) 4-Nitrophenol-d4	14.775	143	98697	18.700	ng/u1	0.00
60) Fluorene-d10	15.575	176	573770	22.201	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.693	200	55166	15.421	ng/u1	0.00
73) Anthracene-d10	17.434	188	881077	20.604	ng/u1	0.00
81) Pyrene-d10	19.728	212	1089301	22.030	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.786	264	1144886	21.696	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.411	88	3512m	1.208	ng/uL	
5) Pyridine	3.805	79	38004	4.209	ng/u1#	77
6) Benzaldehyde	7.087	77	31710m	6.223	ng/u1	
8) Phenol	7.128	94	45834	3.972	ng/u1	96
10) Bis(2-Chloroethyl)ether	7.375	93	38666	4.128	ng/u1	97
12) 2-Chlorophenol	7.499	128	35675	4.267	ng/u1	100
13) 2-Methylphenol	8.381	108	32536	3.701	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.475	45	51104	4.267	ng/u1	100
16) Acetophenone	8.769	105	64828	4.179	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.758	70	34133	4.181	ng/u1	97
18) 4-Methylphenol	8.711	108	37168	3.929	ng/u1	91
19) Hexachloroethane	9.016	117	16288	4.291	ng/u1	95
22) Nitrobenzene	9.152	77	49902	4.666	ng/u1	99
23) Isophorone	9.675	82	93195	4.099	ng/u1	96
25) 2-Nitrophenol	9.858	139	16220	4.318	ng/u1	98
26) 2,4-Dimethylphenol	9.916	107	41986	4.180	ng/u1	95
27) Bis(2-Chloroethoxy)met...	10.169	93	55633	4.347	ng/u1#	98
29) 2,4-Dichlorophenol	10.387	162	34366	4.376	ng/u1	99
30) Naphthalene	10.793	128	132633	4.362	ng/u1	98
32) 4-Chloroaniline	10.910	127	57642	4.099	ng/u1	98
33) Hexachlorobutadiene	11.069	225	24586	4.435	ng/u1	96
34) Caprolactam	11.699	113	13887m	4.363	ng/u1	
35) 4-Chloro-3-methylphenol	12.028	107	35823	3.844	ng/u1	99
36) 2-Methylnaphthalene	12.404	142	89884	4.227	ng/u1	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.622	142	95512	4.527	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.763	216	49055	4.272	ng/ul#	97
40) Hexachlorocyclopentadiene	12.740	237	33232	4.323	ng/ul	95
41) 2,4,6-Trichlorophenol	13.016	196	23077	3.627	ng/ul	93
42) 2,4,5-Trichlorophenol	13.081	196	27613	3.866	ng/ul	95
43) 1,1'-Biphenyl	13.416	154	125940	4.242	ng/ul	99
44) 2-Chloronaphthalene	13.457	162	98659	4.254	ng/ul	96
45) 2-Nitroaniline	13.669	65	23737	3.861	ng/ul	99
47) Dimethylphthalate	14.046	163	131881	4.271	ng/ul	99
48) 2,6-Dinitrotoluene	14.169	165	18046	3.614	ng/ul	98
50) Acenaphthylene	14.304	152	165880	4.186	ng/ul	99
51) 3-Nitroaniline	14.493	138	19893	3.668	ng/ul	96
52) Acenaphthene	14.646	153	107888	4.148	ng/ul	97
53) 2,4-Dinitrophenol	14.698	184	9340	4.377	ng/ul	99
55) 4-Nitrophenol	14.793	109	22357	4.624	ng/ul	94
56) Dibenzofuran	14.981	168	149611	4.253	ng/ul	98
57) 2,4-Dinitrotoluene	14.951	165	28405	3.885	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.204	232	21181	3.594	ng/ul	96
59) Diethylphthalate	15.416	149	133613	4.148	ng/ul	98
61) Fluorene	15.628	166	128272	4.211	ng/ul	92
62) 4-Chlorophenyl-phenyle...	15.634	204	64653	4.343	ng/ul	99
63) 4-Nitroaniline	15.651	138	24101m	4.513	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.704	198	15407	3.740	ng/ul#	75
67) N-Nitrosodiphenylamine	15.845	169	104993	4.071	ng/ul	97
68) 4-Bromophenyl-phenylether	16.528	248	27963	2.941	ng/ul	99
69) Hexachlorobenzene	16.622	284	45958	4.016	ng/ul#	87
70) Atrazine	16.804	200	42656	4.356	ng/ul	99
71) Pentachlorophenol	16.969	266	23548	3.808	ng/ul	97
72) Phenanthrene	17.375	178	206855	4.191	ng/ul	99
74) Anthracene	17.469	178	204858	3.997	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.375	216	47048	4.091	ng/uL	94
76) Pentachlorobenzene	14.893	250	55208	4.637	ng/uL	94
77) Carbazole	17.739	167	182239	3.845	ng/ul	98
78) Di-n-butylphthalate	18.322	149	214732	3.715	ng/ul	99
80) Fluoranthene	19.392	202	241967	4.142	ng/ul	98
82) Pyrene	19.757	202	263753	4.250	ng/ul	99
83) Butylbenzylphthalate	20.681	149	81348	3.353	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.457	252	85265	4.130	ng/ul	95
85) Benzo(a)anthracene	21.516	228	274403	4.185	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.475	149	137631	3.435	ng/ul	98
87) Chrysene	21.569	228	251782	4.152	ng/ul	99
89) Di-n-octyl phthalate	22.422	149	206004	2.854	ng/ul	100
90) Benzo(b)fluoranthene	23.210	252	258913	3.988	ng/ul	99
91) Benzo(k)fluoranthene	23.257	252	270441	4.180	ng/ul	96
93) Benzo(a)pyrene	23.839	252	261619	4.250	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.445	276	300174	3.852	ng/ul#	92
95) Dibenzo(a,h)anthracene	26.480	278	255629	3.934	ng/ul	97
96) Benzo(g,h,i)perylene	27.204	276	237632	3.819	ng/ul	97

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

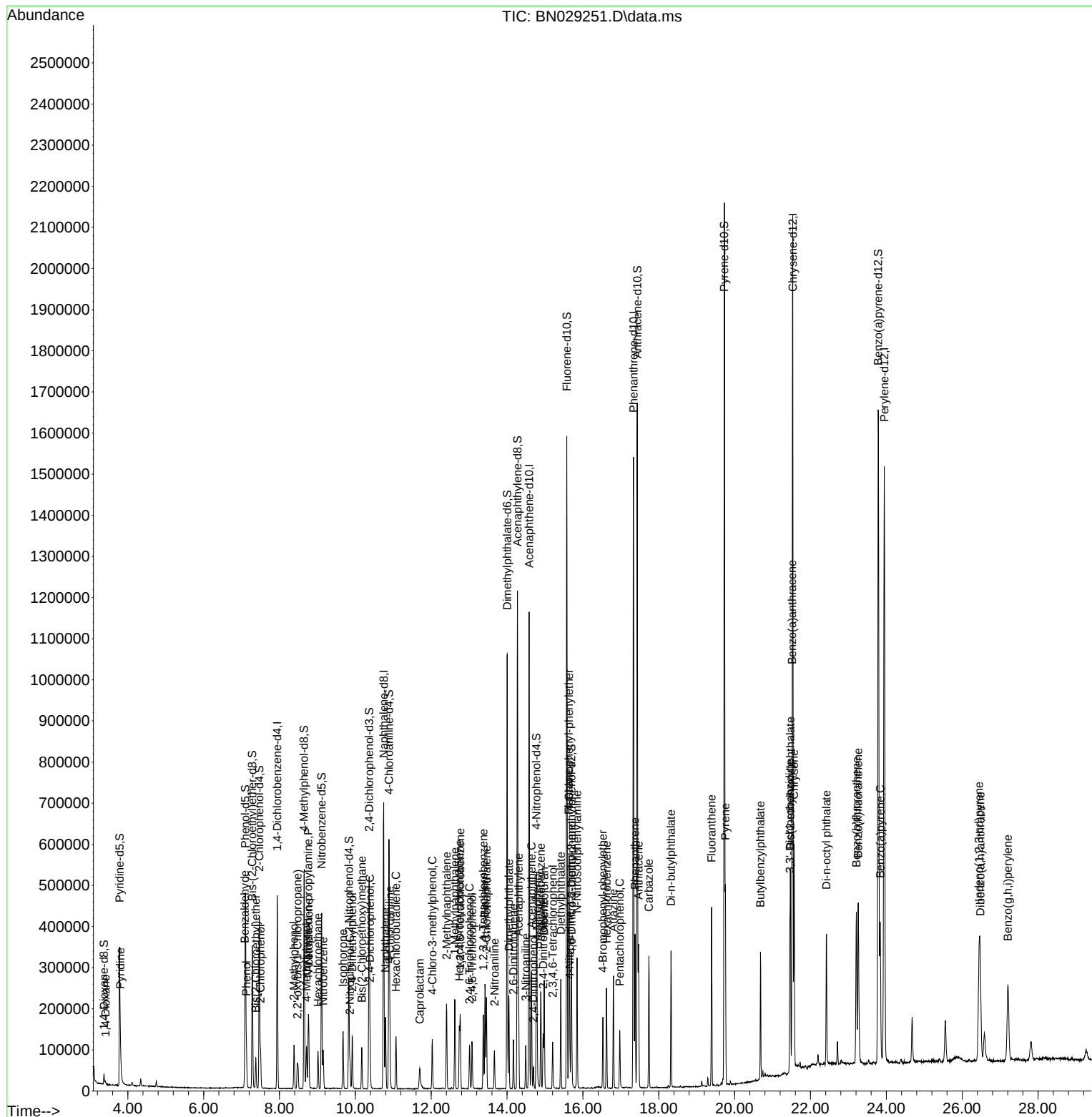
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 ALS Vial : 12 Sample Multiplier: 1

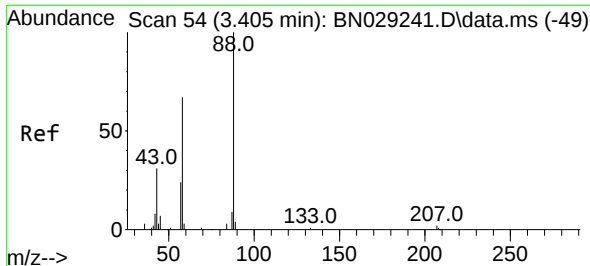
Instrument :
 BNA_N
 ClientSampleId :
 MDL-MED-SOIL-QT4-2023-07

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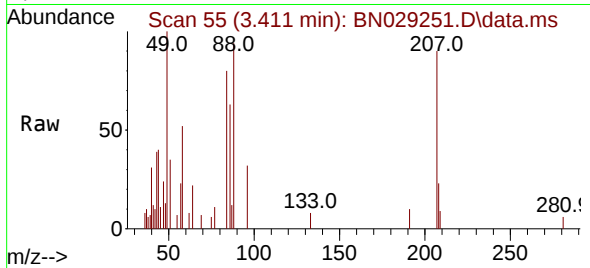
Reviewed By :Jagrut Upadhyay 01/17/2024
 Supervised By :mohammad ahmed 01/18/2024





#2
1,4-Dioxane
Concen: 1.208 ng/uL m
RT: 3.411 min Scan# 54
Delta R.T. 0.000 min
Lab File: BN029251.D
Acq: 16 Jan 2024 16:20

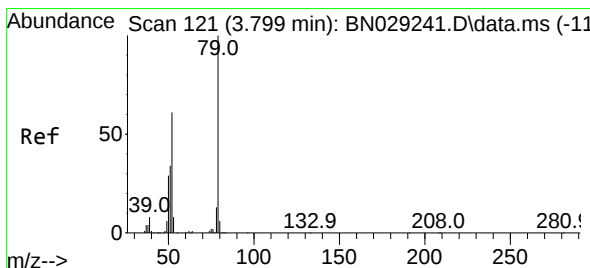
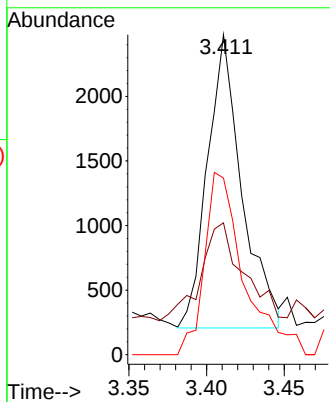
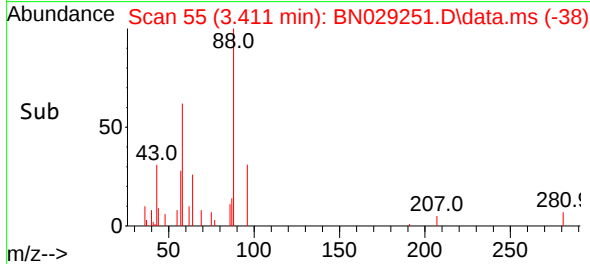
Instrument :
BNA_N
ClientSampleId :
MDL-MED-SOIL-QT4-2023-07



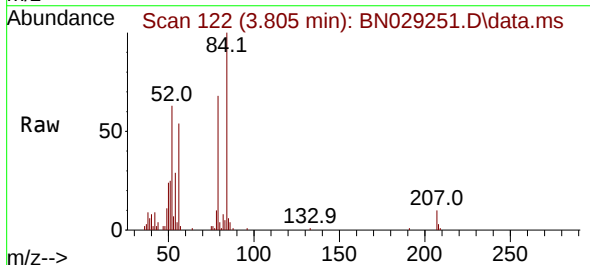
Tgt Ion: 88 Resp: 3512
Ion Ratio Lower Upper
88 100
43 41.2 26.3 39.5
58 55.2 49.7 74.5

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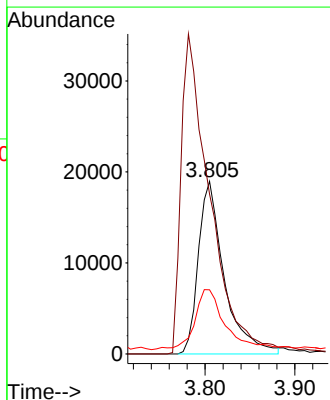
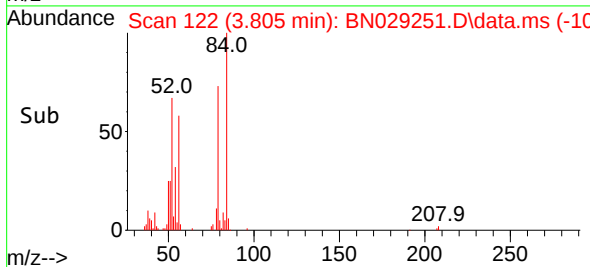
Reviewed By :Jagrut Upadhyay 01/17/2024
Supervised By :mohammad ahmed 01/18/2024

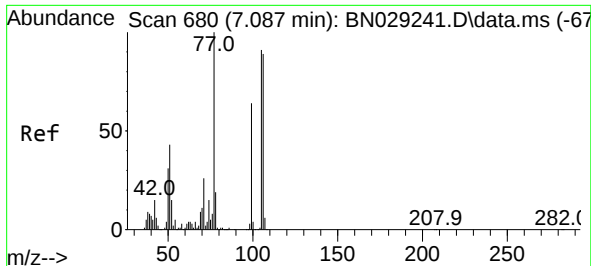


#5
Pyridine
Concen: 4.209 ng/uL
RT: 3.805 min Scan# 122
Delta R.T. 0.000 min
Lab File: BN029251.D
Acq: 16 Jan 2024 16:20



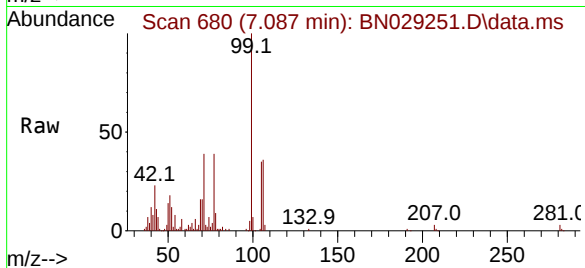
Tgt Ion: 79 Resp: 38004
Ion Ratio Lower Upper
79 100
52 92.6 53.8 80.8
51 37.2 27.4 41.0





#6
Benzaldehyde
Concen: 6.223 ng/ul m
RT: 7.087 min Scan# 680
Delta R.T. 0.000 min
Lab File: BN029251.D
Acq: 16 Jan 2024 16:20

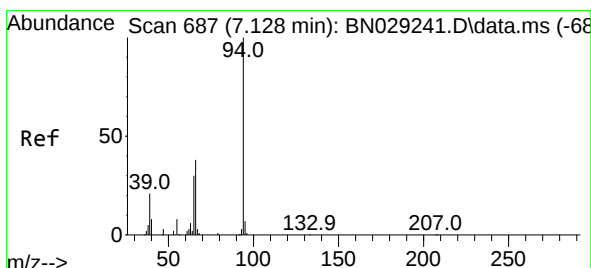
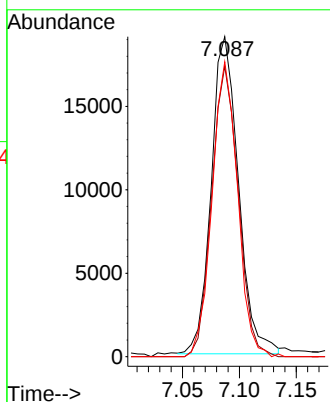
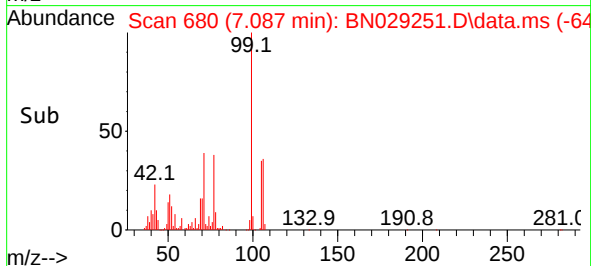
Instrument :
BNA_N
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Tgt Ion: 77 Resp: 31710
Ion Ratio Lower Upper
77 100
105 90.7 73.3 109.9
106 92.2 72.5 108.7

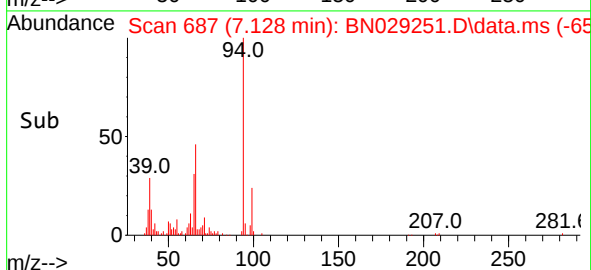
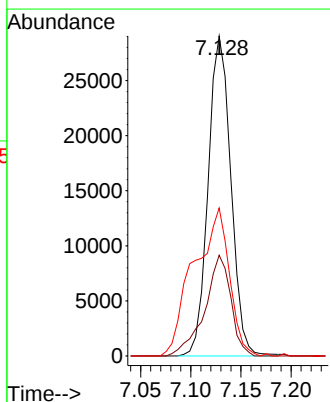
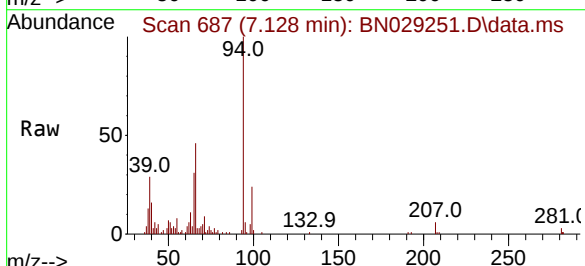
Manual Integrations
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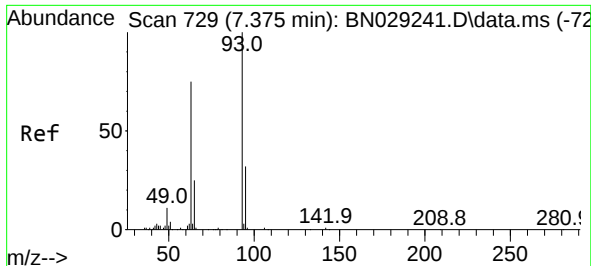
Reviewed By :Jagrut Upadhyay 01/17/2024
Supervised By :mohammad ahmed 01/18/2024



#8
Phenol
Concen: 3.972 ng/ul
RT: 7.128 min Scan# 687
Delta R.T. 0.000 min
Lab File: BN029251.D
Acq: 16 Jan 2024 16:20

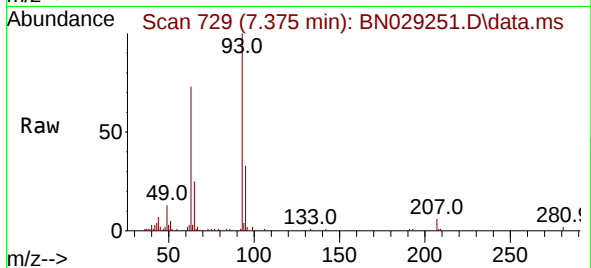
Tgt Ion: 94 Resp: 45834
Ion Ratio Lower Upper
94 100
65 31.5 25.6 38.4
66 46.2 33.8 50.6





#10
Bis(2-Chloroethyl)ether
Concen: 4.128 ng/ul
RT: 7.375 min Scan# 710
Delta R.T. -0.005 min
Lab File: BN029251.D
Acq: 16 Jan 2024 16:20

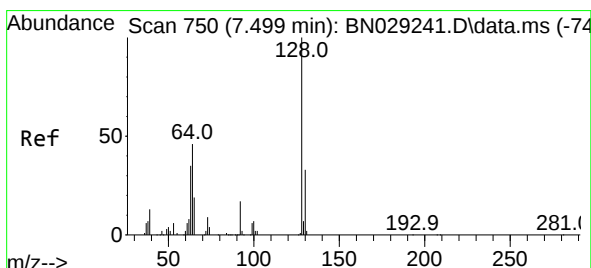
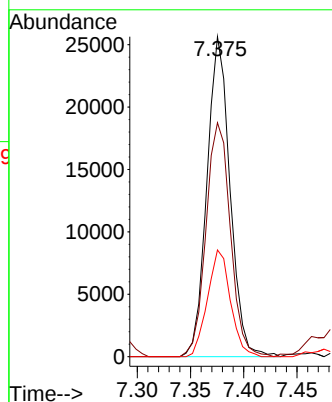
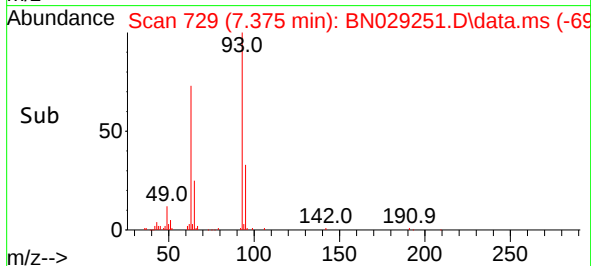
Instrument : BNA_N
ClientSampleId :
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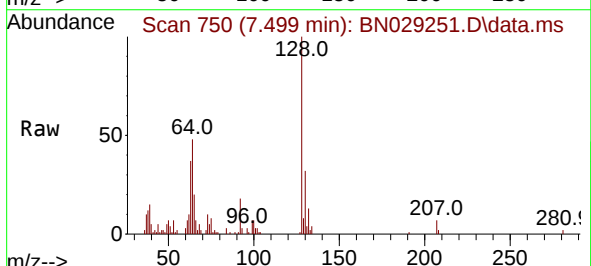
Tgt Ion: 93 Resp: 3866
Ion Ratio Lower Upper
93 100
63 73.1 60.6 91.0
95 33.4 26.1 39.1

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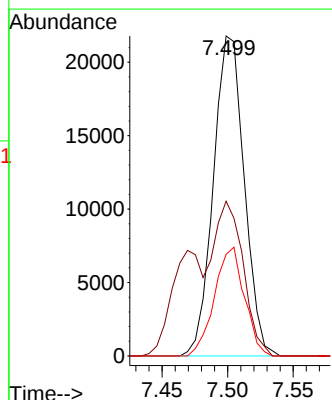
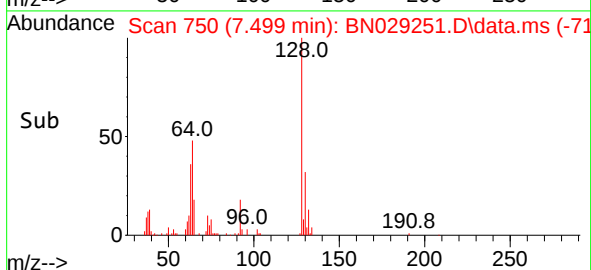
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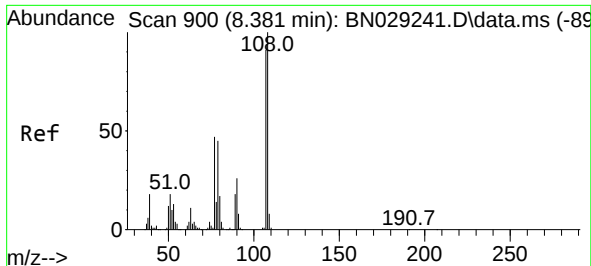


#12
2-Chlorophenol
Concen: 4.267 ng/ul
RT: 7.499 min Scan# 750
Delta R.T. -0.005 min
Lab File: BN029251.D
Acq: 16 Jan 2024 16:20



Tgt Ion:128 Resp: 35675
Ion Ratio Lower Upper
128 100
64 48.3 38.6 57.8
130 31.8 25.5 38.3





#13

2-Methylphenol

Concen: 3.701 ng/ul

RT: 8.381 min Scan# 900

Delta R.T. -0.005 min

Lab File: BN029251.D

Acq: 16 Jan 2024 16:20

Instrument :

BNA_N

ClientSampleId :

MDL-MED-SOIL-QT4-2023-07

Tgt Ion:108 Resp: 32530

Ion Ratio Lower Upper

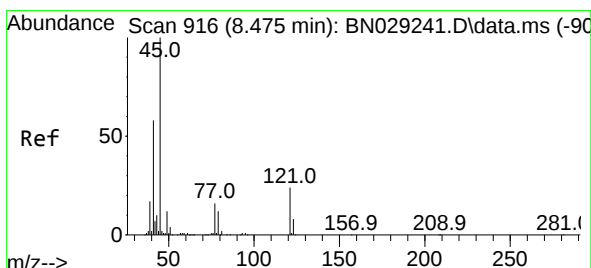
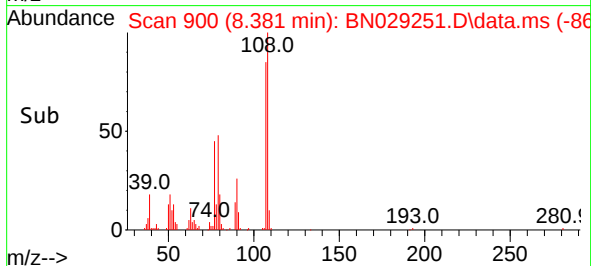
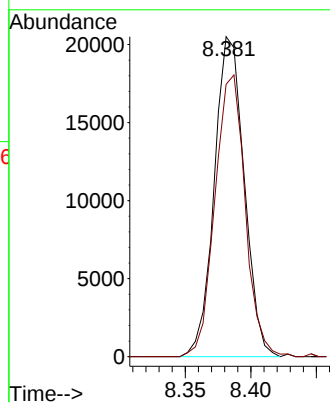
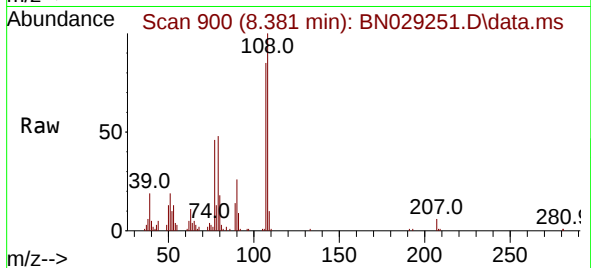
108 100

107 85.1 69.2 103.8

Manual Integrations

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#14

2,2'-oxybis(1-Chloropropane)

Concen: 4.267 ng/ul

RT: 8.475 min Scan# 916

Delta R.T. 0.000 min

Lab File: BN029251.D

Acq: 16 Jan 2024 16:20

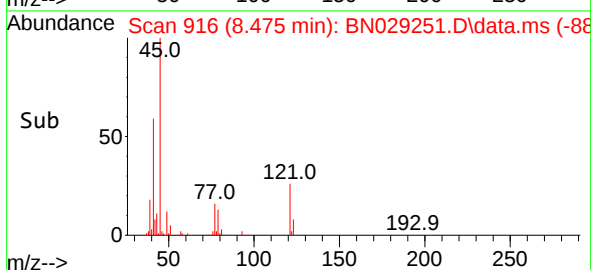
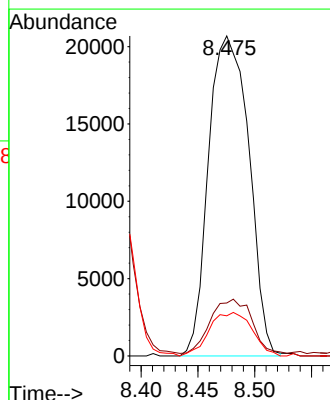
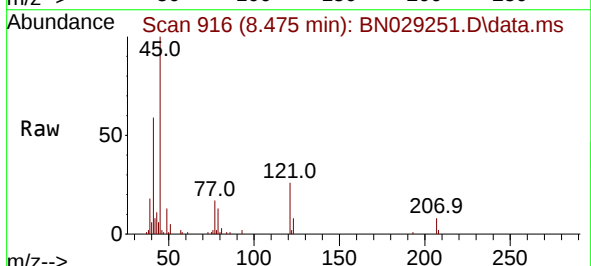
Tgt Ion: 45 Resp: 51104

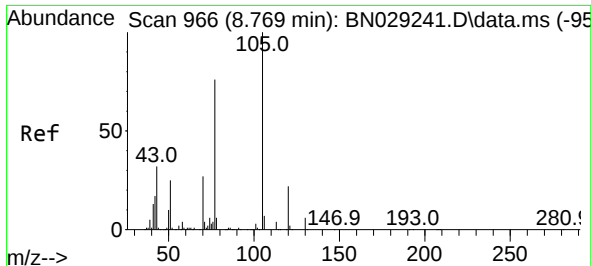
Ion Ratio Lower Upper

45 100

77 16.6 13.1 19.7

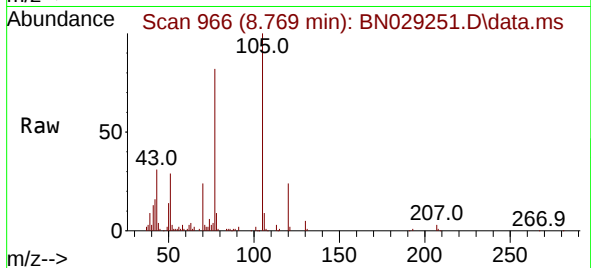
79 12.6 10.0 15.0





#16
Acetophenone
Concen: 4.179 ng/ul
RT: 8.769 min Scan# 966
Delta R.T. -0.005 min
Lab File: BN029251.D
Acq: 16 Jan 2024 16:20

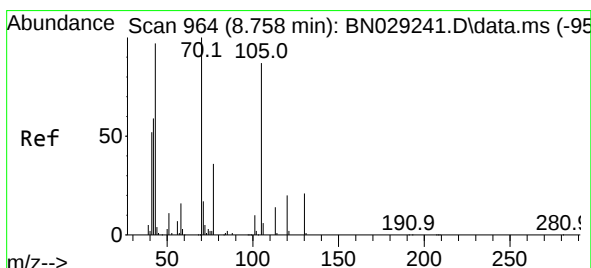
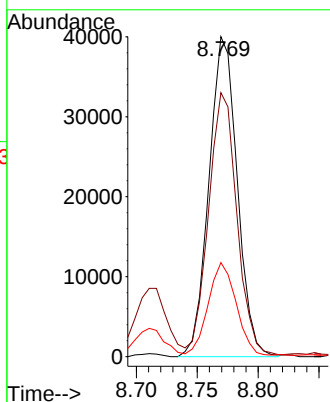
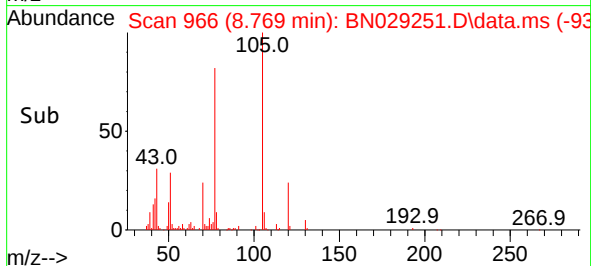
Instrument : BNA_N
ClientSampleId : MDL-MED-SOIL-QT4-2023-07



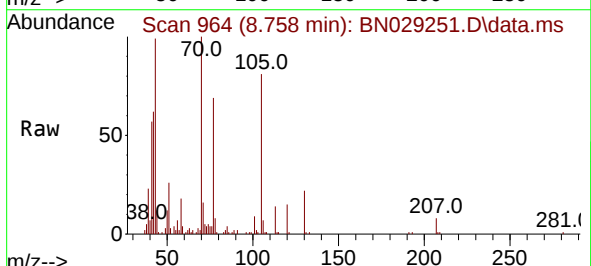
Tgt Ion: 105 Resp: 64828
Ion Ratio Lower Upper
105 100
77 82.5 65.8 98.6
51 29.4 21.8 32.6

Manual Integrations
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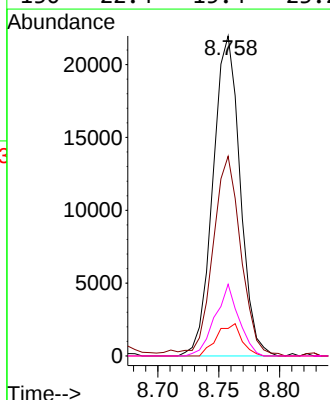
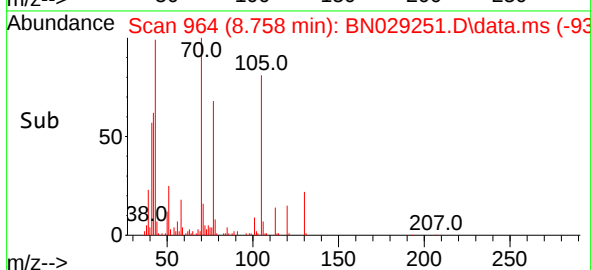
Reviewed By :Jagrut Upadhyay 01/17/2024
Supervised By :mohammad ahmed 01/18/2024

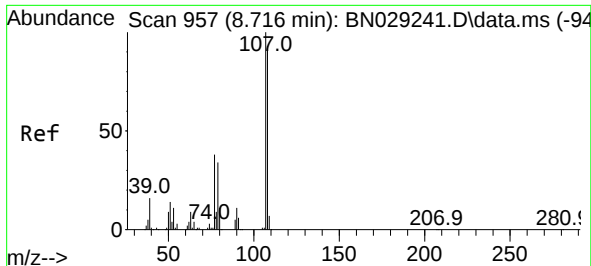


#17
N-Nitroso-di-n-propylamine
Concen: 4.181 ng/ul
RT: 8.758 min Scan# 964
Delta R.T. 0.000 min
Lab File: BN029251.D
Acq: 16 Jan 2024 16:20



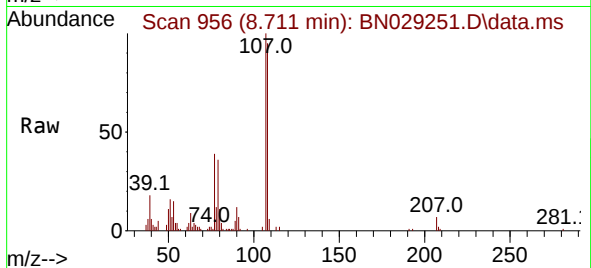
Tgt Ion: 70 Resp: 34133
Ion Ratio Lower Upper
70 100
42 62.4 48.3 72.5
101 8.6 7.1 10.7
130 22.4 15.4 23.2





#18
4-Methylphenol
Concen: 3.929 ng/ul
RT: 8.711 min Scan# 91
Delta R.T. -0.005 min
Lab File: BN029251.D
Acq: 16 Jan 2024 16:20

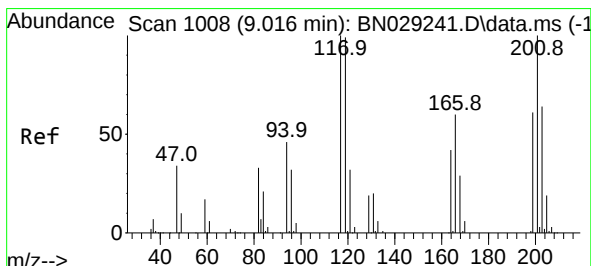
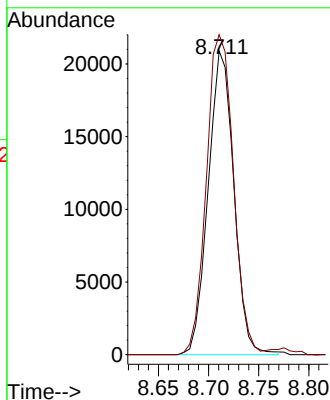
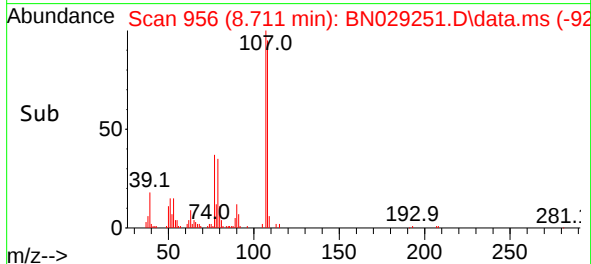
Instrument :
BNA_N
ClientSampleId :
MDL-MED-SOIL-QT4-2023-07



Tgt Ion:108 Resp: 37168
Ion Ratio Lower Upper
108 100
107 105.4 92.5 138.7

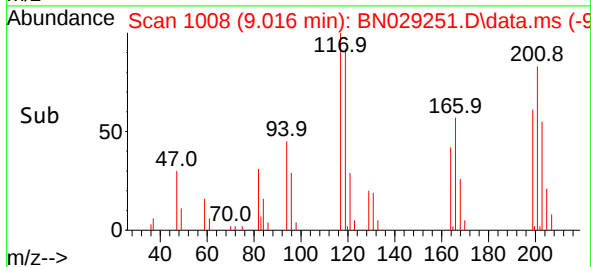
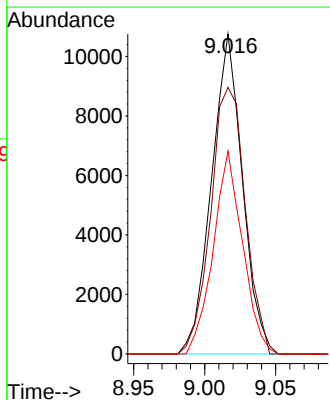
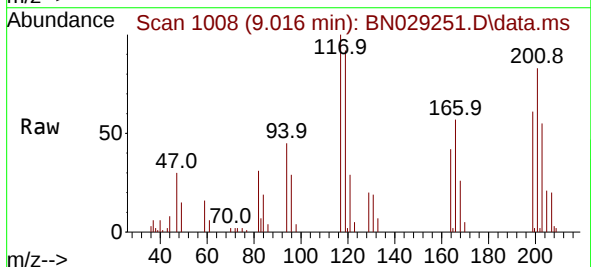
Manual Integrations
APPROVED

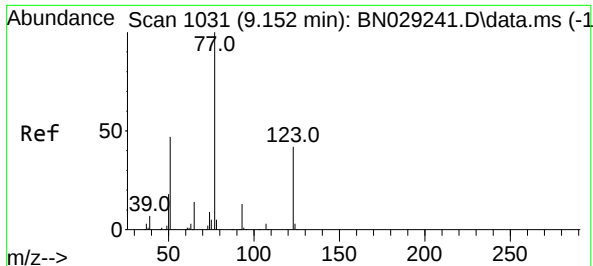
Reviewed By :Jagrut Upadhyay 01/17/2024
Supervised By :mohammad ahmed 01/18/2024



#19
Hexachloroethane
Concen: 4.291 ng/ul
RT: 9.016 min Scan# 1008
Delta R.T. 0.000 min
Lab File: BN029251.D
Acq: 16 Jan 2024 16:20

Tgt Ion:117 Resp: 16288
Ion Ratio Lower Upper
117 100
201 83.3 70.6 106.0
199 63.3 47.9 71.9





#22

Nitrobenzene

Concen: 4.666 ng/ul

RT: 9.152 min Scan# 1031

Delta R.T. 0.000 min

Lab File: BN029251.D

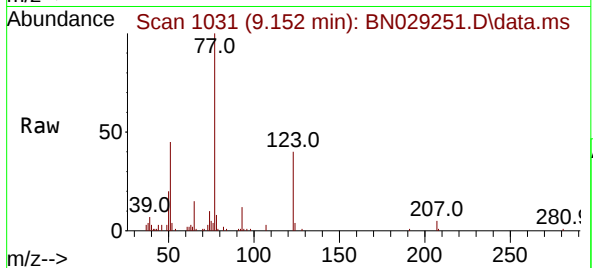
Acq: 16 Jan 2024 16:20

Instrument :

BNA_N

ClientSampleId :

MDL-MED-SOIL-QT4-2023-07

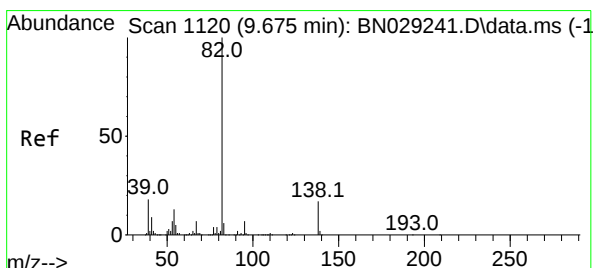
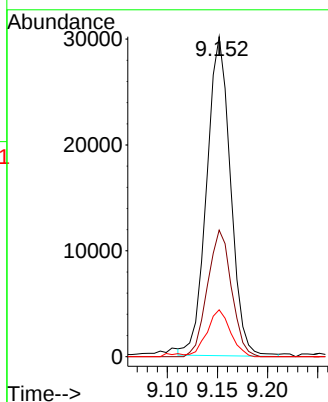
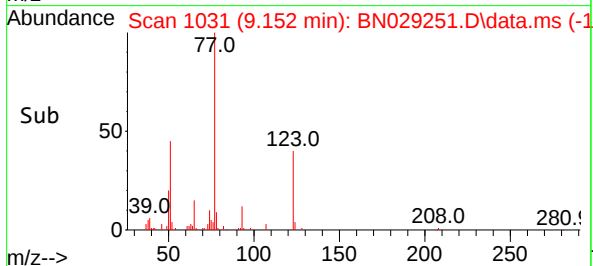


Tgt Ion: 77	Resp: 4990
Ion Ratio	Lower Upper
77 100	
123 39.6	31.4 47.0
65 14.6	10.9 16.3

Manual Integrations

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Reviewed By :Jagrut Upadhyay 01/17/2024
Supervised By :mohammad ahmed 01/18/2024



#23

Isophorone

Concen: 4.099 ng/ul

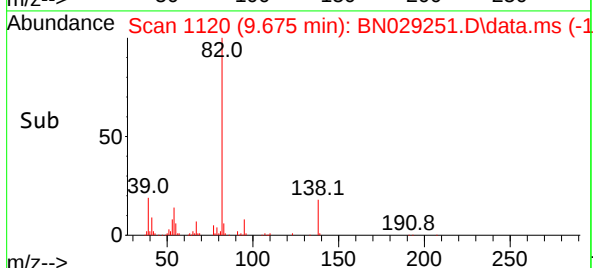
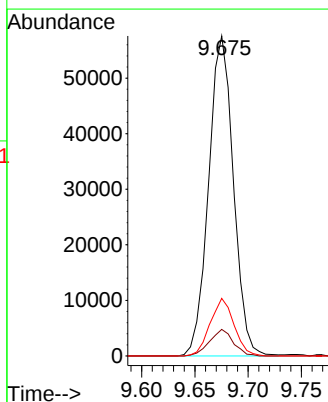
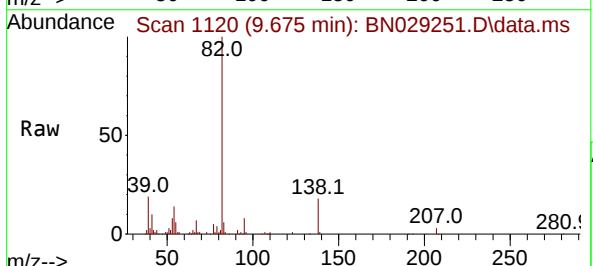
RT: 9.675 min Scan# 1120

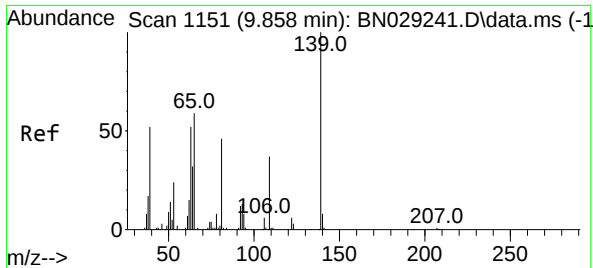
Delta R.T. 0.000 min

Lab File: BN029251.D

Acq: 16 Jan 2024 16:20

Tgt Ion: 82	Resp: 93195
Ion Ratio	Lower Upper
82 100	
95 8.3	5.9 8.9
138 18.0	12.9 19.3





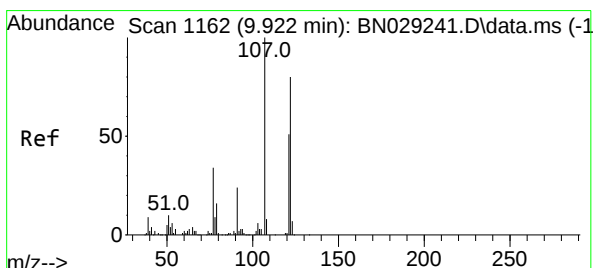
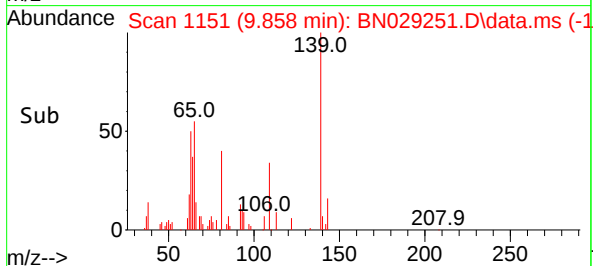
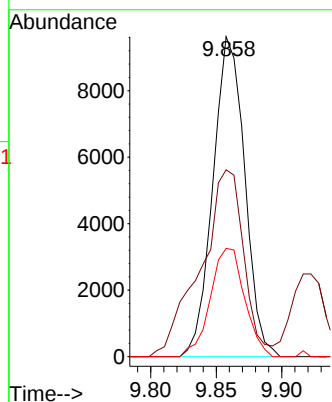
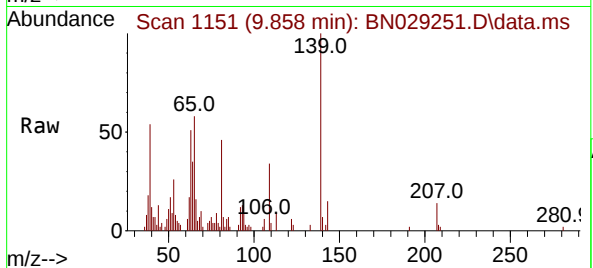
#25
2-Nitrophenol
Concen: 4.318 ng/ul
RT: 9.858 min Scan# 1151
Delta R.T. -0.005 min
Lab File: BN029251.D
Acq: 16 Jan 2024 16:20

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

Tgt Ion:139 Resp: 16220
Ion Ratio Lower Upper
139 100
65 58.4 45.5 68.3
109 33.8 28.6 42.8

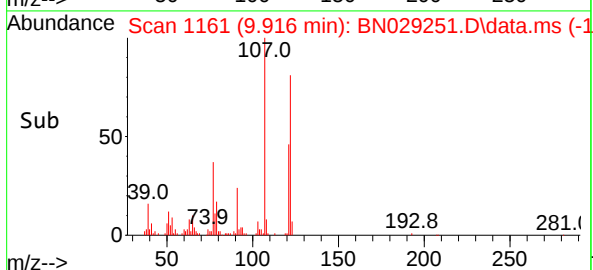
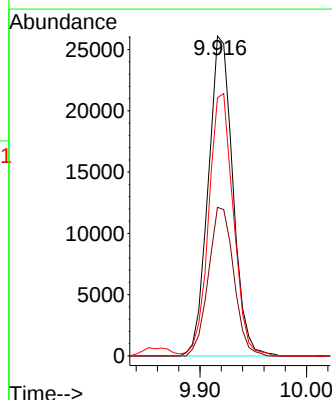
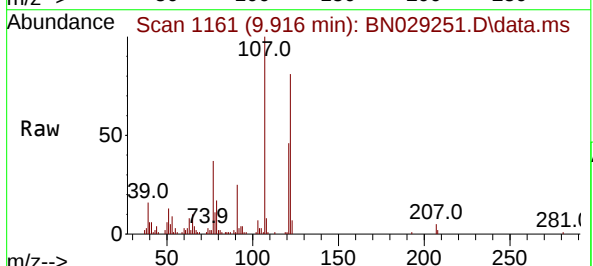
Manual Integrations
APPROVED

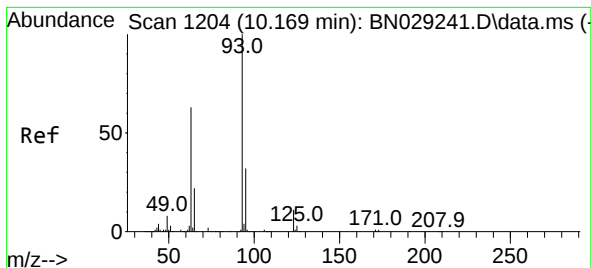
Reviewed By :Jagrut Upadhyay 01/17/2024
Supervised By :mohammad ahmed 01/18/2024



#26
2,4-Dimethylphenol
Concen: 4.180 ng/ul
RT: 9.916 min Scan# 1161
Delta R.T. -0.005 min
Lab File: BN029251.D
Acq: 16 Jan 2024 16:20

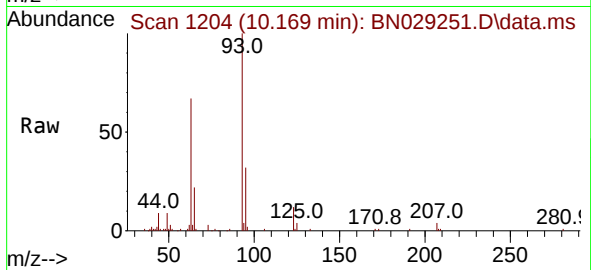
Tgt Ion:107 Resp: 41986
Ion Ratio Lower Upper
107 100
121 46.5 40.1 60.1
122 80.8 68.4 102.6





#27
Bis(2-Chloroethoxy)methane
Concen: 4.347 ng/ul
RT: 10.169 min Scan# 1204
Delta R.T. 0.000 min
Lab File: BN029251.D
Acq: 16 Jan 2024 16:20

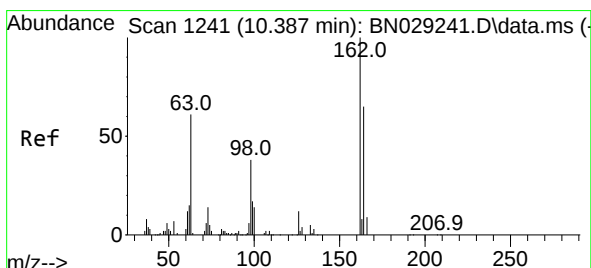
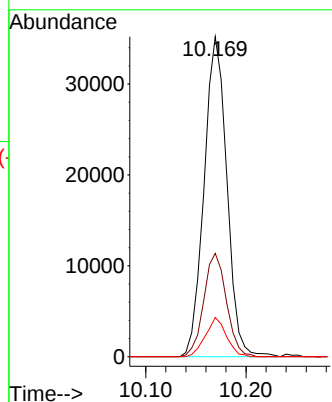
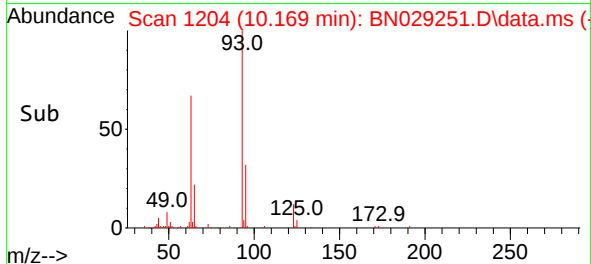
Instrument :
BNA_N
ClientSampleId :
MDL-MED-SOIL-QT4-2023-07



Tgt Ion: 93 Resp: 5563
Ion Ratio Lower Upper
93 100
95 32.3 25.8 38.8
123 12.3 7.9 11.9

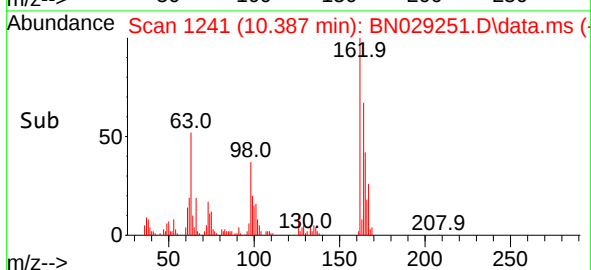
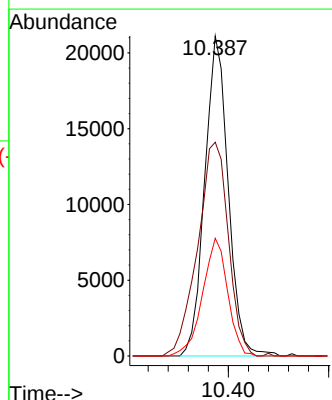
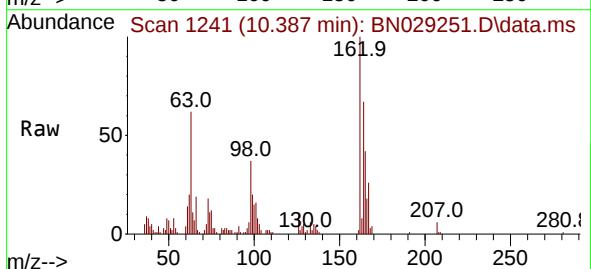
Manual Integrations
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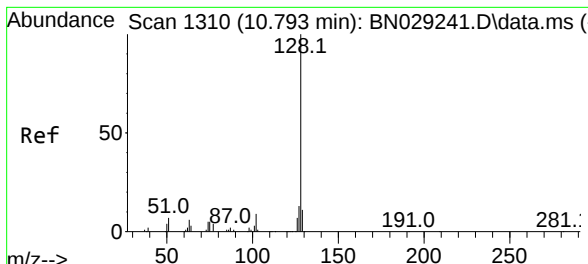
Reviewed By :Jagrut Upadhyay 01/17/2024
Supervised By :mohammad ahmed 01/18/2024



#29
2,4-Dichlorophenol
Concen: 4.376 ng/ul
RT: 10.387 min Scan# 1241
Delta R.T. -0.005 min
Lab File: BN029251.D
Acq: 16 Jan 2024 16:20

Tgt Ion:162 Resp: 34366
Ion Ratio Lower Upper
162 100
164 66.8 53.6 80.4
98 36.8 30.8 46.2





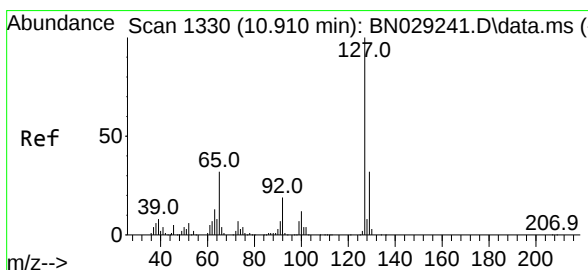
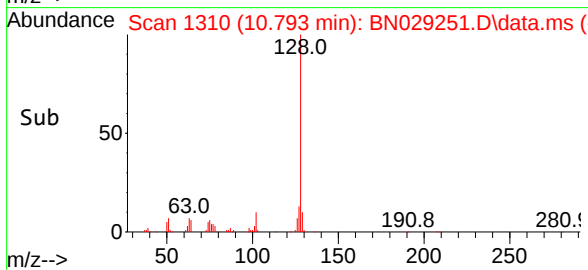
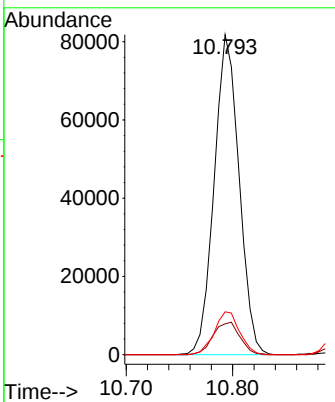
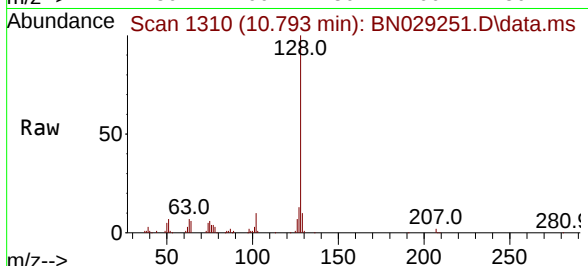
#30
Naphthalene
Concen: 4.362 ng/ul
RT: 10.793 min Scan# 1310
Delta R.T. -0.005 min
Lab File: BN029251.D
Acq: 16 Jan 2024 16:20

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

Tgt Ion:128	Resp: 13263
Ion Ratio	Lower Upper
128 100	
129 9.7	9.0 13.4
127 13.4	10.5 15.7

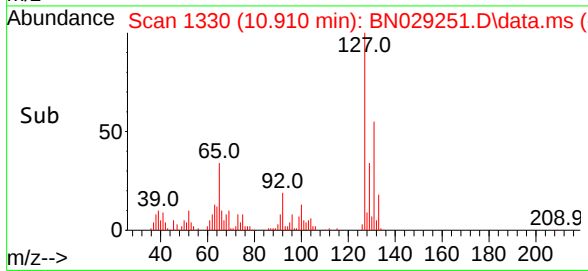
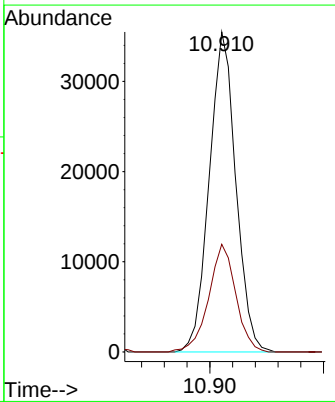
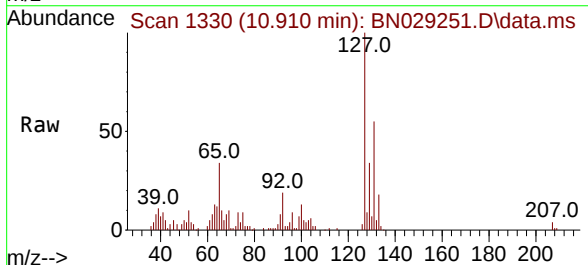
Manual Integrations
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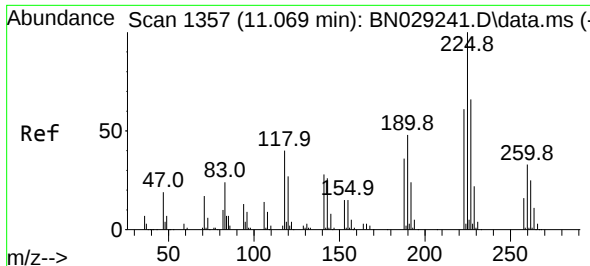
Reviewed By :Jagrut Upadhyay 01/17/2024
Supervised By :mohammad ahmed 01/18/2024



#32
4-Chloroaniline
Concen: 4.099 ng/ul
RT: 10.910 min Scan# 1330
Delta R.T. 0.000 min
Lab File: BN029251.D
Acq: 16 Jan 2024 16:20

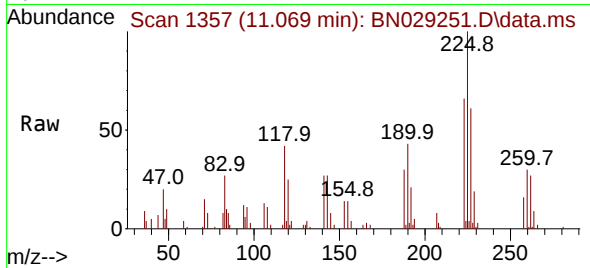
Tgt Ion:127	Resp: 57642
Ion Ratio	Lower Upper
127 100	
129 33.7	26.1 39.1





#33
Hexachlorobutadiene
Concen: 4.435 ng/ul
RT: 11.069 min Scan# 1357
Delta R.T. 0.000 min
Lab File: BN029251.D
Acq: 16 Jan 2024 16:20

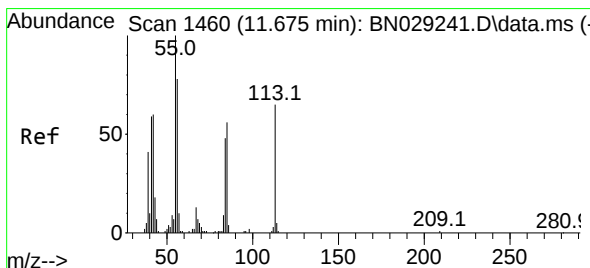
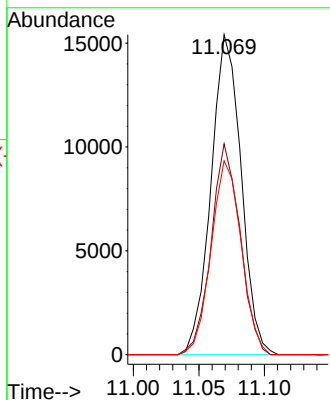
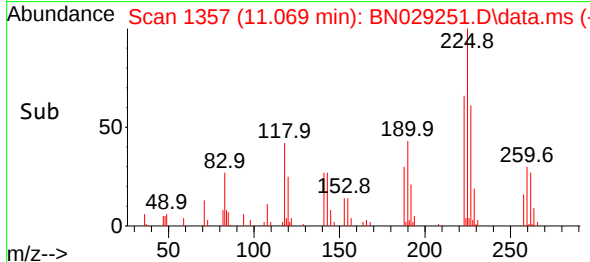
Instrument :
BNA_N
ClientSampleId :
MDL-MED-SOIL-QT4-2023-07



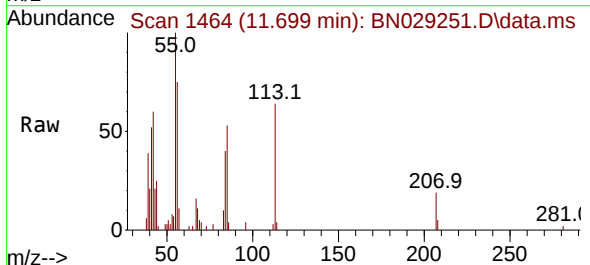
Tgt Ion:225 Resp: 24580
Ion Ratio Lower Upper
225 100
223 65.9 48.0 72.0
227 60.6 47.8 71.6

Manual Integrations
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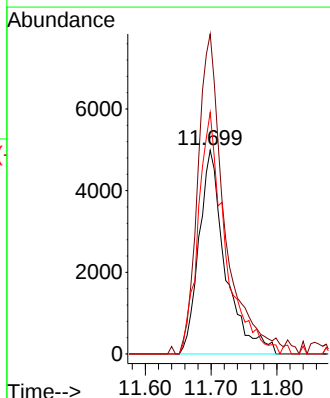
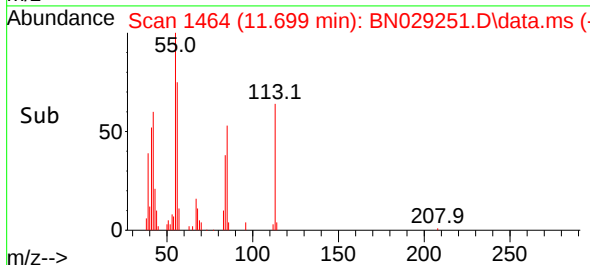
Reviewed By :Jagrut Upadhyay 01/17/2024
Supervised By :mohammad ahmed 01/18/2024

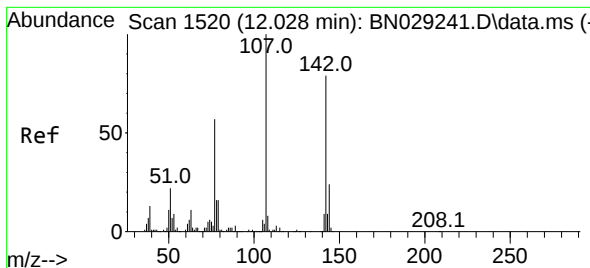


#34
Caprolactam
Concen: 4.363 ng/ul m
RT: 11.699 min Scan# 1464
Delta R.T. 0.024 min
Lab File: BN029251.D
Acq: 16 Jan 2024 16:20



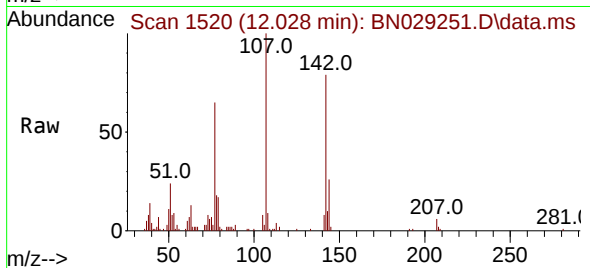
Tgt Ion:113 Resp: 13887
Ion Ratio Lower Upper
113 100
55 157.0 132.9 199.3
56 118.5 96.5 144.7





#35
4-Chloro-3-methylphenol
Concen: 3.844 ng/ul
RT: 12.028 min Scan# 1520
Delta R.T. -0.005 min
Lab File: BN029251.D
Acq: 16 Jan 2024 16:20

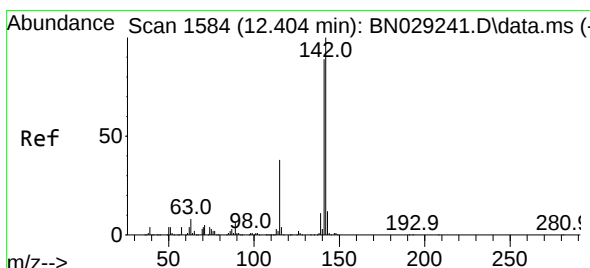
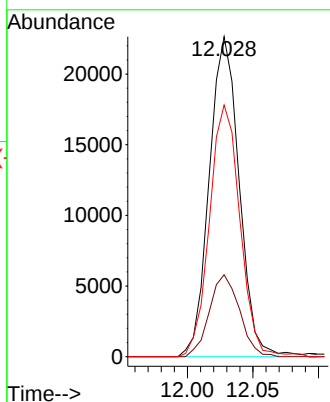
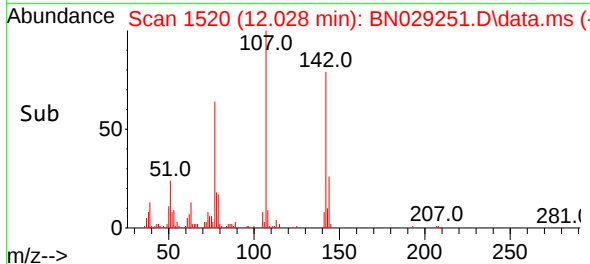
Instrument : BNA_N
ClientSampleId : MDL-MED-SOIL-QT4-2023-07



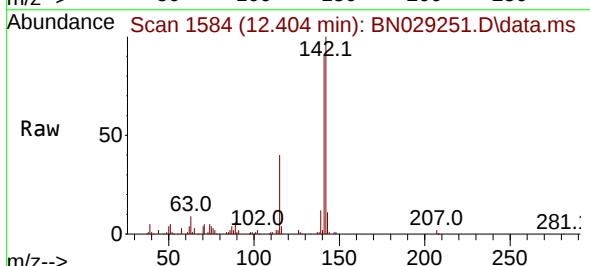
Tgt Ion:107 Resp: 3582
Ion Ratio Lower Upper
107 100
144 25.6 20.2 30.2
142 78.6 62.6 93.8

Manual Integrations
APPROVED

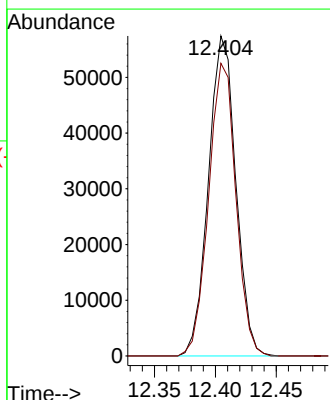
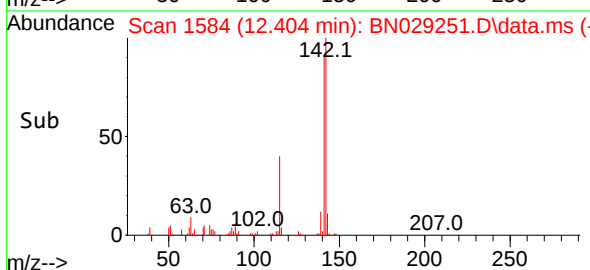
Reviewed By :Jagrut Upadhyay 01/17/2024
Supervised By :mohammad ahmed 01/18/2024

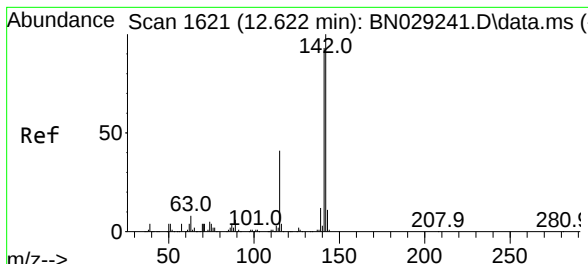


#36
2-Methylnaphthalene
Concen: 4.227 ng/ul
RT: 12.404 min Scan# 1584
Delta R.T. 0.000 min
Lab File: BN029251.D
Acq: 16 Jan 2024 16:20



Tgt Ion:142 Resp: 89884
Ion Ratio Lower Upper
142 100
141 91.5 71.0 106.6





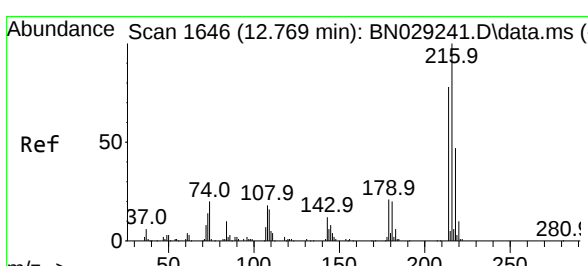
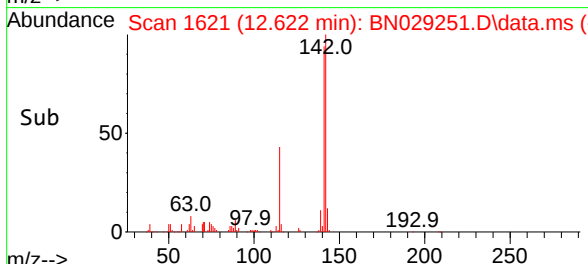
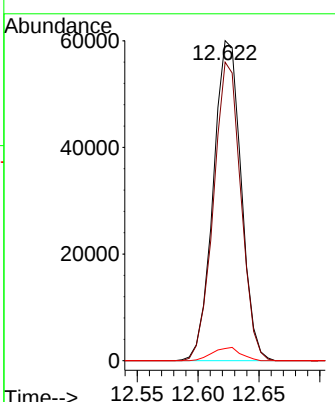
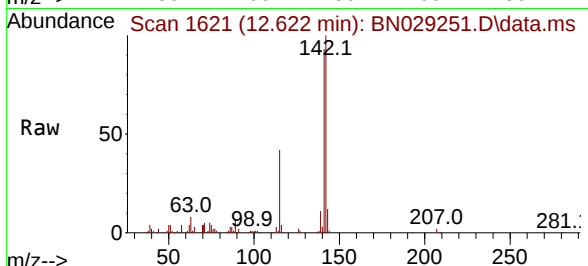
#37
 1-Methylnaphthalene
 Concen: 4.527 ng/ul
 RT: 12.622 min Scan# 1621
 Delta R.T. -0.005 min
 Lab File: BN029251.D
 Acq: 16 Jan 2024 16:20

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

Tgt Ion:	142	Resp:	9551
Ion Ratio	Lower	Upper	
142	100		
141	93.3	74.6	112.0
116	3.8	3.6	5.4

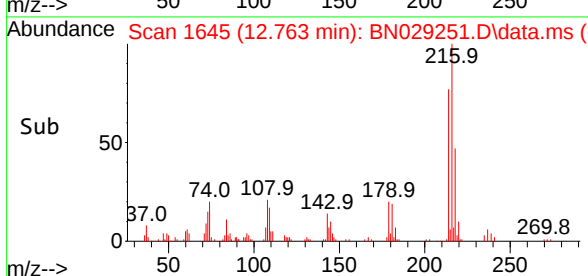
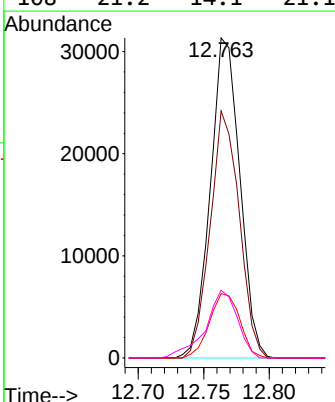
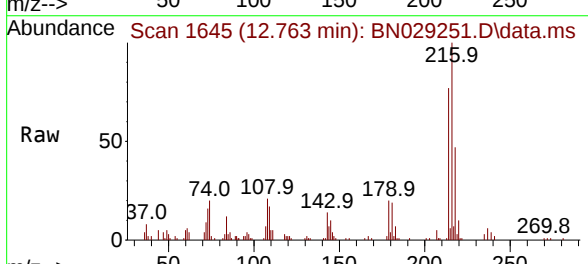
Manual Integrations
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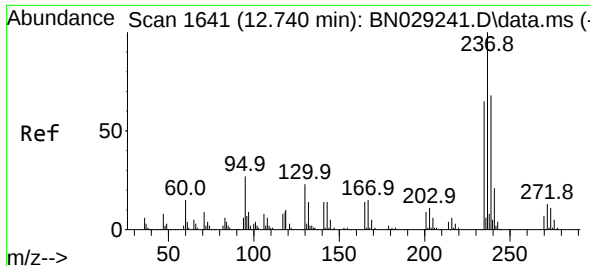
Reviewed By :Jagrut Upadhyay 01/17/2024
 Supervised By :mohammad ahmed 01/18/2024



#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 4.272 ng/ul
 RT: 12.763 min Scan# 1645
 Delta R.T. -0.005 min
 Lab File: BN029251.D
 Acq: 16 Jan 2024 16:20

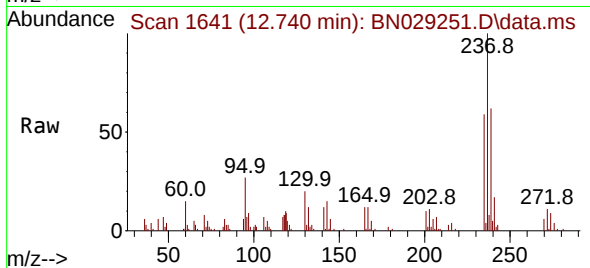
Tgt Ion:	216	Resp:	49055
Ion Ratio	Lower	Upper	
216	100		
214	77.2	60.3	90.5
179	20.1	17.0	25.4
108	21.2	14.1	21.1





#40
Hexachlorocyclopentadiene
Concen: 4.323 ng/ul
RT: 12.740 min Scan# 1641
Delta R.T. -0.005 min
Lab File: BN029251.D
Acq: 16 Jan 2024 16:20

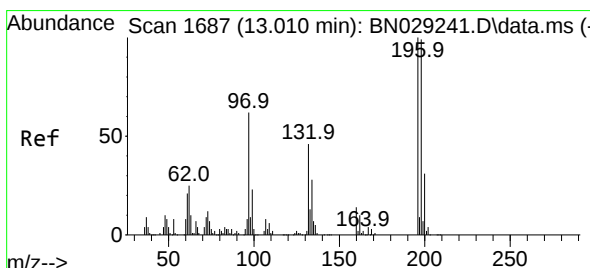
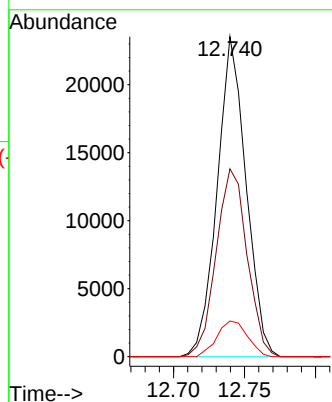
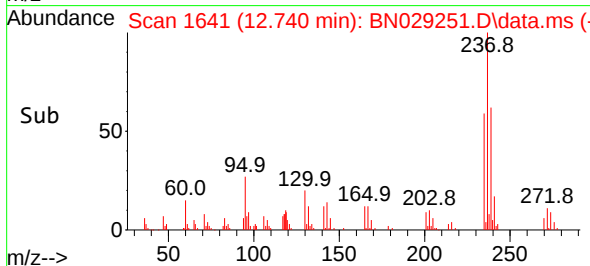
Instrument : BNA_N
ClientSampleId : MDL-MED-SOIL-QT4-2023-07



Tgt Ion:237 Resp: 33232
Ion Ratio Lower Upper
237 100
235 54.4 47.0 70.4
272 11.1 9.3 13.9

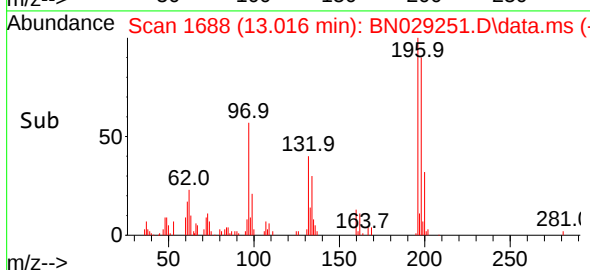
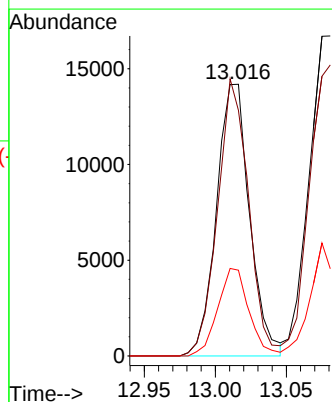
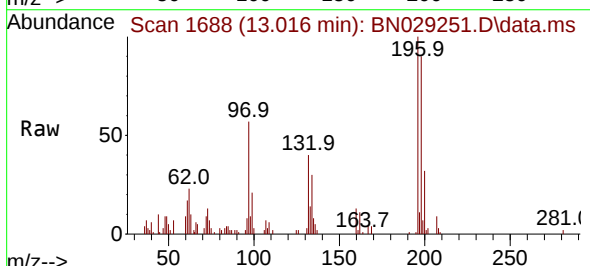
Manual Integrations
APPROVED

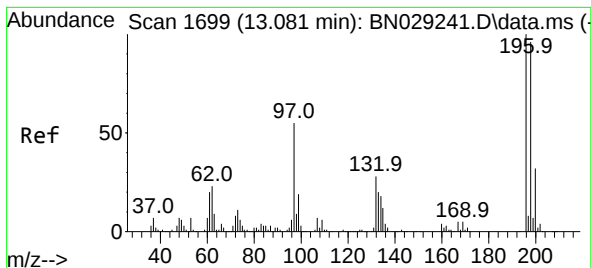
Reviewed By :Jagrut Upadhyay 01/17/2024
Supervised By :mohammad ahmed 01/18/2024



#41
2,4,6-Trichlorophenol
Concen: 3.627 ng/ul
RT: 13.016 min Scan# 1688
Delta R.T. 0.000 min
Lab File: BN029251.D
Acq: 16 Jan 2024 16:20

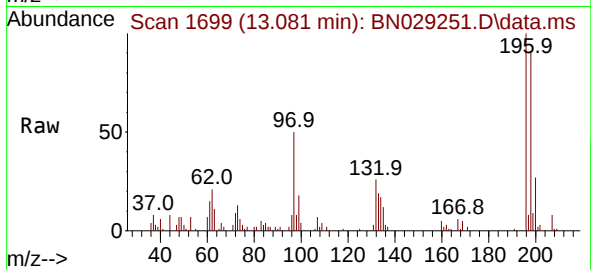
Tgt Ion:196 Resp: 23077
Ion Ratio Lower Upper
196 100
198 90.4 78.6 117.8
200 31.6 23.7 35.5





#42
2,4,5-Trichlorophenol
Concen: 3.866 ng/ul
RT: 13.081 min Scan# 1699
Delta R.T. 0.000 min
Lab File: BN029251.D
Acq: 16 Jan 2024 16:20

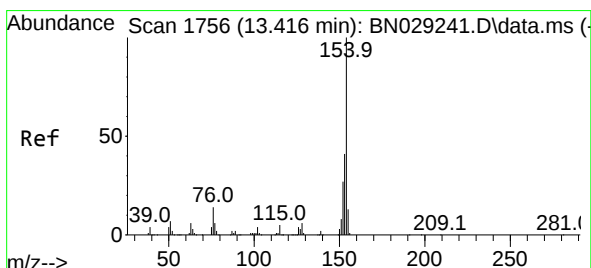
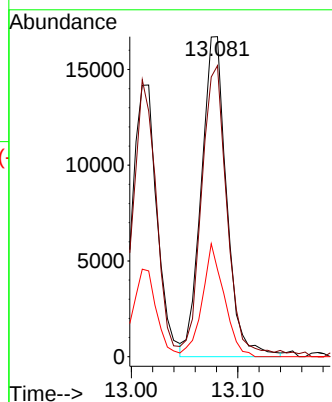
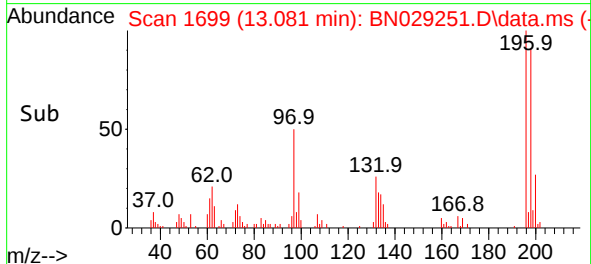
Instrument :
BNA_N
ClientSampleId :
MDL-MED-SOIL-QT4-2023-07



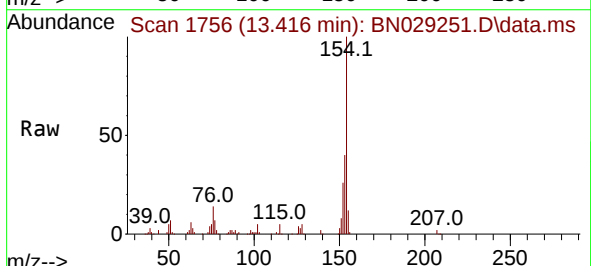
Tgt Ion:196 Resp: 2761
Ion Ratio Lower Upper
196 100
198 91.0 76.5 114.7
200 27.2 23.6 35.4

Manual Integrations
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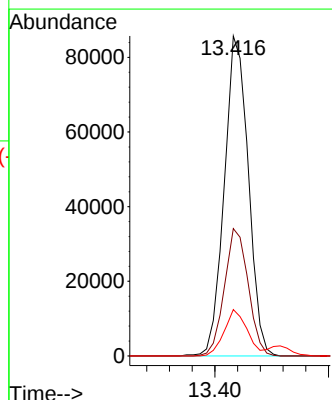
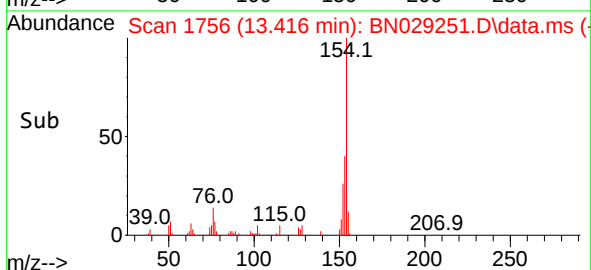
Reviewed By :Jagrut Upadhyay 01/17/2024
Supervised By :mohammad ahmed 01/18/2024

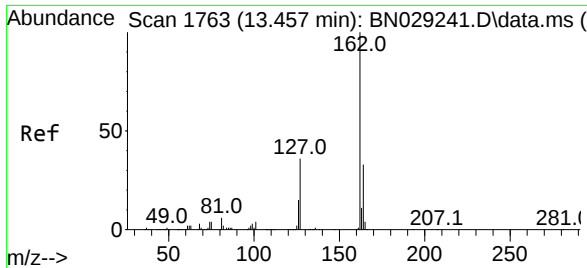


#43
1,1'-Biphenyl
Concen: 4.242 ng/ul
RT: 13.416 min Scan# 1756
Delta R.T. -0.005 min
Lab File: BN029251.D
Acq: 16 Jan 2024 16:20



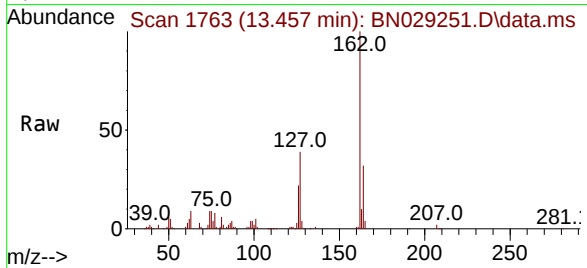
Tgt Ion:154 Resp: 125940
Ion Ratio Lower Upper
154 100
153 39.8 32.4 48.6
76 14.5 10.9 16.3





#44
2-Chloronaphthalene
Concen: 4.254 ng/ul
RT: 13.457 min Scan# 1763
Delta R.T. 0.000 min
Lab File: BN029251.D
Acq: 16 Jan 2024 16:20

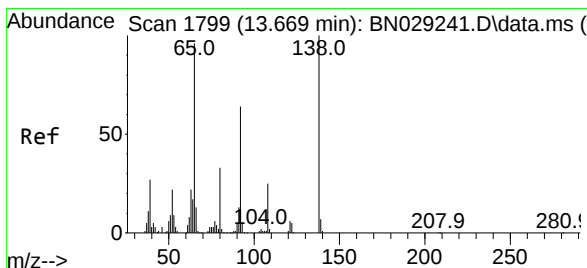
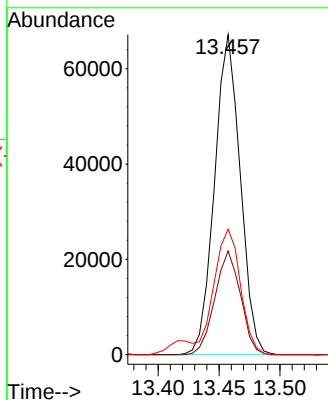
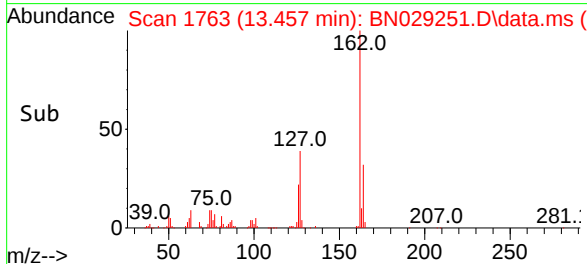
Instrument : BNA_N
ClientSampleId : MDL-MED-SOIL-QT4-2023-07



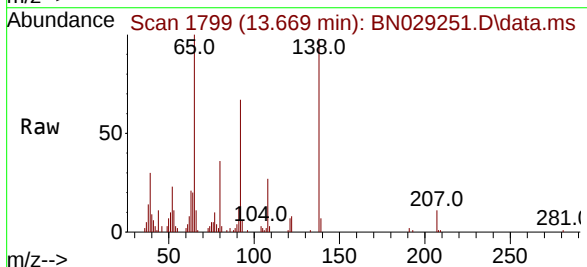
Tgt Ion:162 Resp: 98659
Ion Ratio Lower Upper
162 100
164 32.4 27.4 41.2
127 39.2 33.2 49.8

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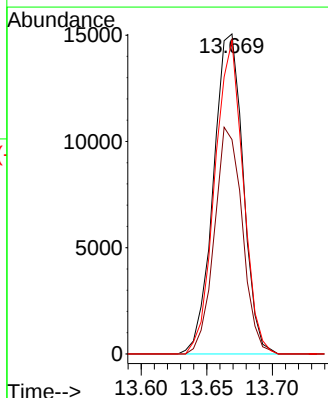
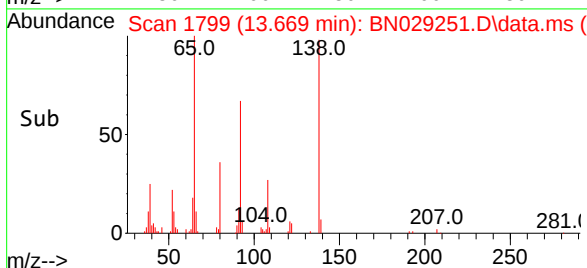
Reviewed By :Jagrut Upadhyay 01/17/2024
Supervised By :mohammad ahmed 01/18/2024

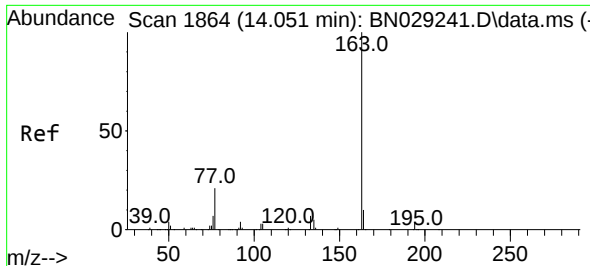


#45
2-Nitroaniline
Concen: 3.861 ng/ul
RT: 13.669 min Scan# 1799
Delta R.T. 0.000 min
Lab File: BN029251.D
Acq: 16 Jan 2024 16:20



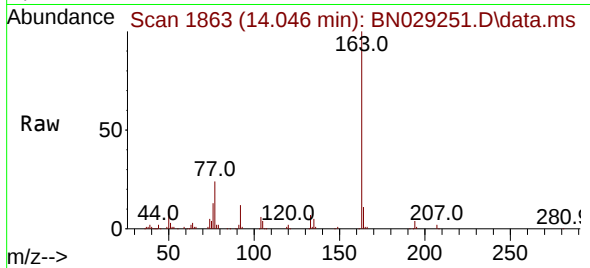
Tgt Ion: 65 Resp: 23737
Ion Ratio Lower Upper
65 100
92 67.0 52.4 78.6
138 97.9 77.8 116.8





#47
Dimethylphthalate
Concen: 4.271 ng/ul
RT: 14.046 min Scan# 1863
Delta R.T. -0.005 min
Lab File: BN029251.D
Acq: 16 Jan 2024 16:20

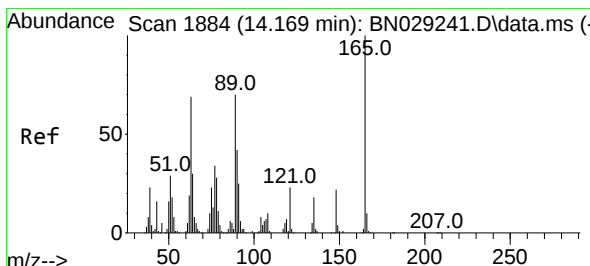
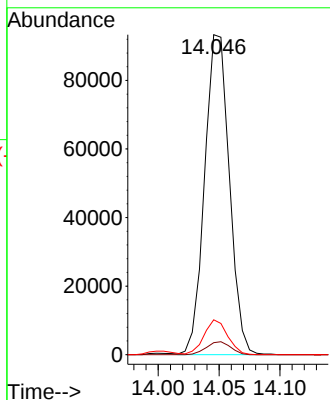
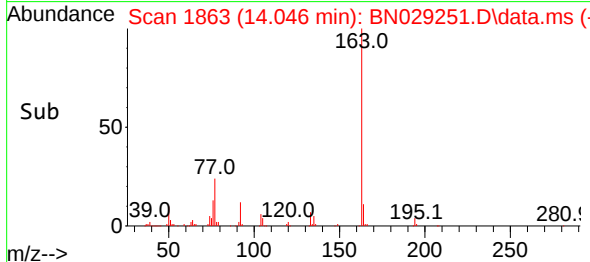
Instrument : BNA_N
ClientSampleId : MDL-MED-SOIL-QT4-2023-07



Tgt Ion:163 Resp: 13188
Ion Ratio Lower Upper
163 100
194 3.8 3.2 4.8
164 10.9 8.2 12.4

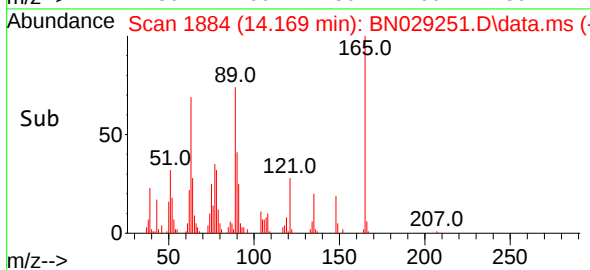
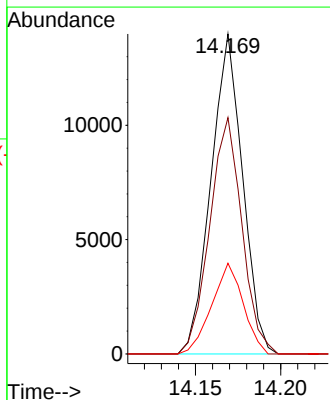
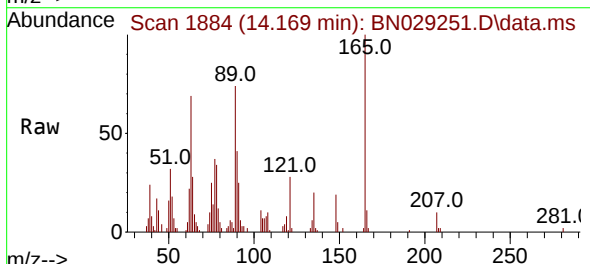
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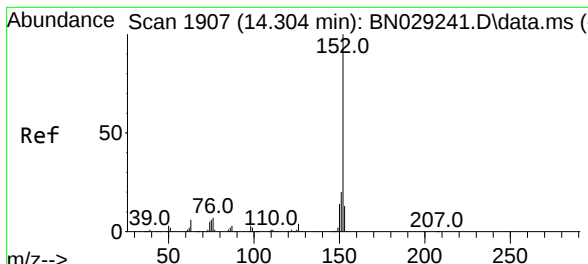
Reviewed By :Jagrut Upadhyay 01/17/2024
Supervised By :mohammad ahmed 01/18/2024



#48
2,6-Dinitrotoluene
Concen: 3.614 ng/ul
RT: 14.169 min Scan# 1884
Delta R.T. 0.000 min
Lab File: BN029251.D
Acq: 16 Jan 2024 16:20

Tgt Ion:165 Resp: 18046
Ion Ratio Lower Upper
165 100
89 73.8 58.6 87.8
121 28.3 20.6 30.8





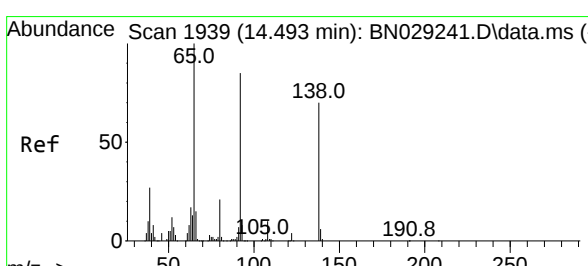
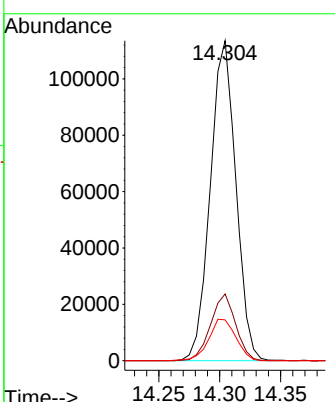
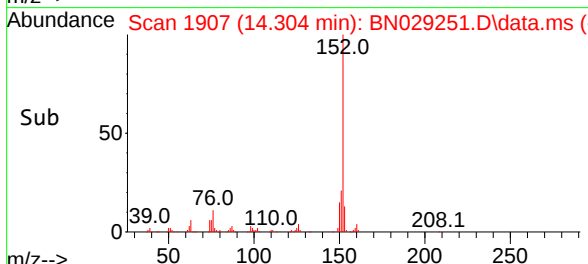
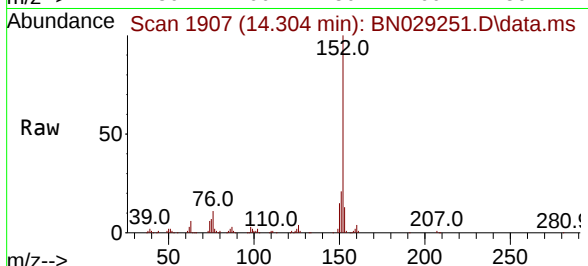
#50
 Acenaphthylene
 Concen: 4.186 ng/ul
 RT: 14.304 min Scan# 1907
 Delta R.T. 0.000 min
 Lab File: BN029251.D
 Acq: 16 Jan 2024 16:20

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

Tgt Ion:152 Resp: 165880

Ion	Ratio	Lower	Upper
152	100		
151	20.9	16.1	24.1
153	12.8	10.3	15.5

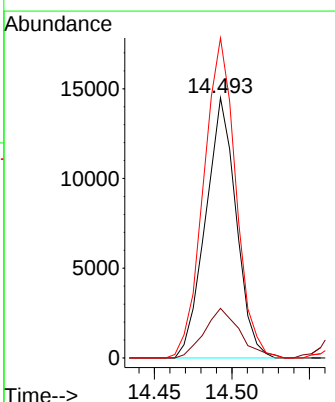
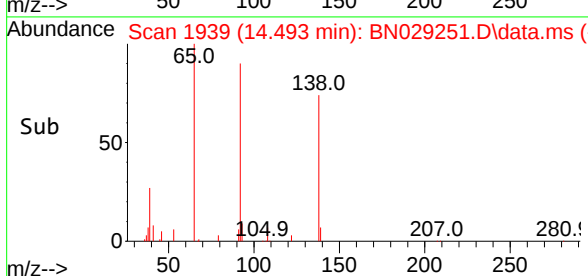
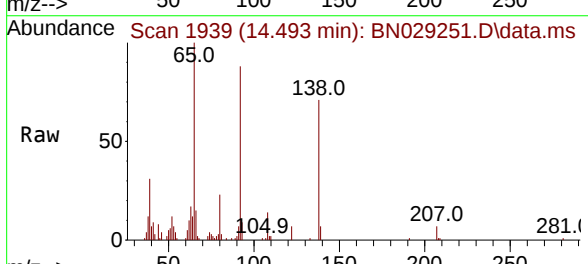
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 Reviewed By :Jagrut Upadhyay 01/17/2024
 Supervised By :mohammad ahmed 01/18/2024

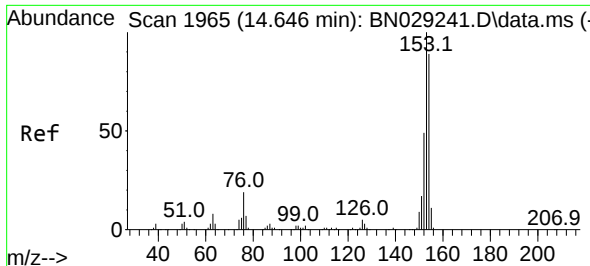


#51
 3-Nitroaniline
 Concen: 3.668 ng/ul
 RT: 14.493 min Scan# 1939
 Delta R.T. 0.000 min
 Lab File: BN029251.D
 Acq: 16 Jan 2024 16:20

Tgt Ion:138 Resp: 19893

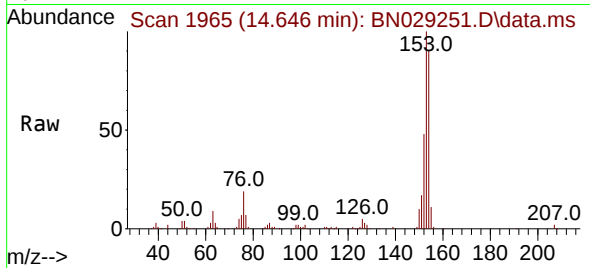
Ion	Ratio	Lower	Upper
138	100		
108	19.1	13.4	20.2
92	123.0	101.8	152.6





#52
Acenaphthene
Concen: 4.148 ng/ul
RT: 14.646 min Scan# 1965
Delta R.T. 0.000 min
Lab File: BN029251.D
Acq: 16 Jan 2024 16:20

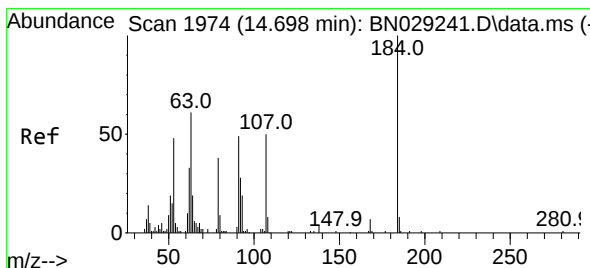
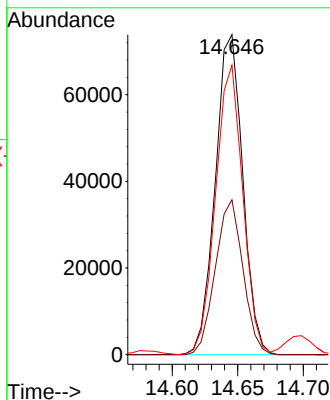
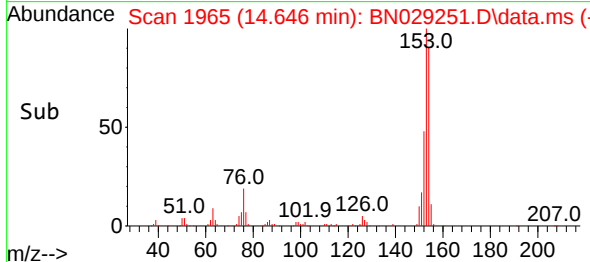
Instrument :
BNA_N
ClientSampleId :
MDL-MED-SOIL-QT4-2023-07



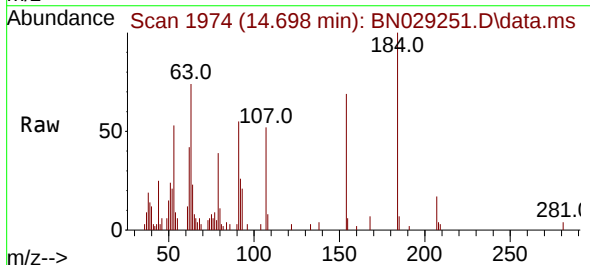
Tgt Ion:153 Resp: 10788
Ion Ratio Lower Upper
153 100
152 48.4 37.8 56.6
154 90.5 70.2 105.2

Manual Integrations
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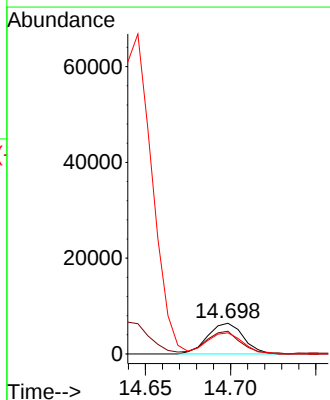
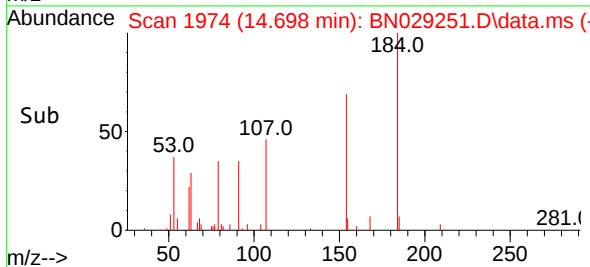
Reviewed By :Jagrut Upadhyay 01/17/2024
Supervised By :mohammad ahmed 01/18/2024

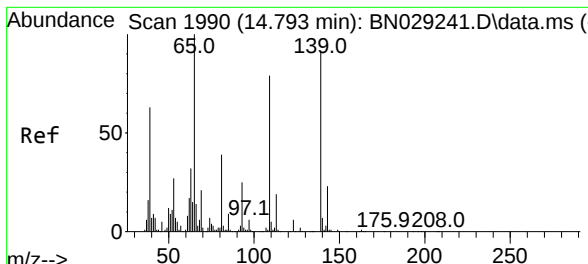


#53
2,4-Dinitrophenol
Concen: 4.377 ng/ul
RT: 14.698 min Scan# 1974
Delta R.T. 0.000 min
Lab File: BN029251.D
Acq: 16 Jan 2024 16:20



Tgt Ion:184 Resp: 9340
Ion Ratio Lower Upper
184 100
63 74.1 58.8 88.2
154 68.7 54.5 81.7



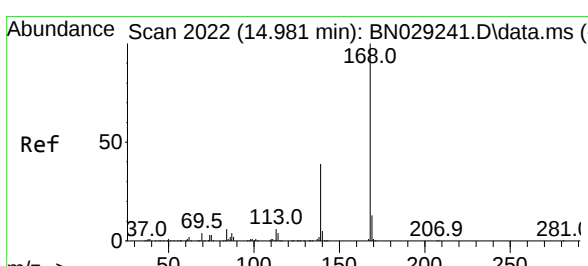
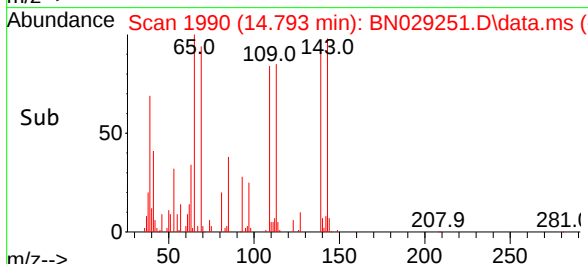
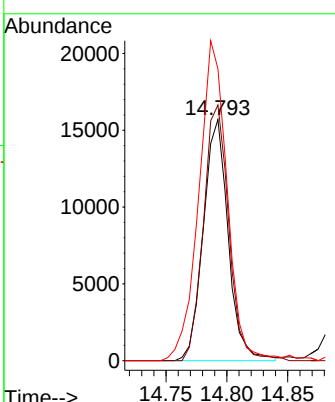
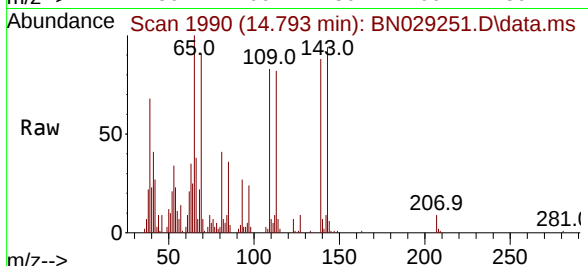


#55
 4-Nitrophenol
 Concen: 4.624 ng/ul
 RT: 14.793 min Scan# 1990
 Delta R.T. 0.000 min
 Lab File: BN029251.D
 Acq: 16 Jan 2024 16:20

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

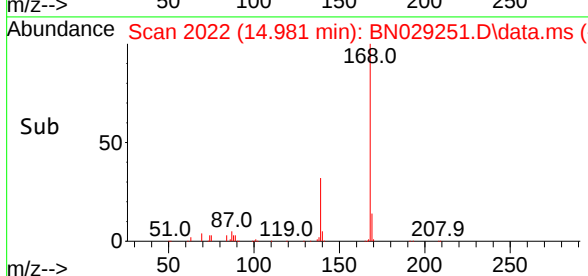
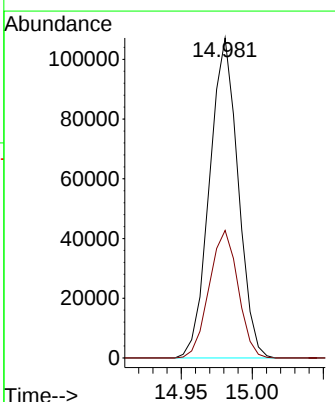
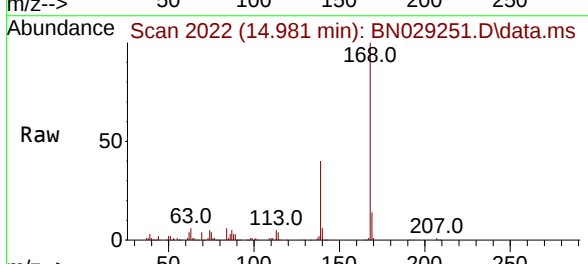
Tgt Ion:	109	Resp:	2235
Ion Ratio	Lower	Upper	
109	100		
139	106.0	91.7	137.5
65	121.0	100.4	150.6

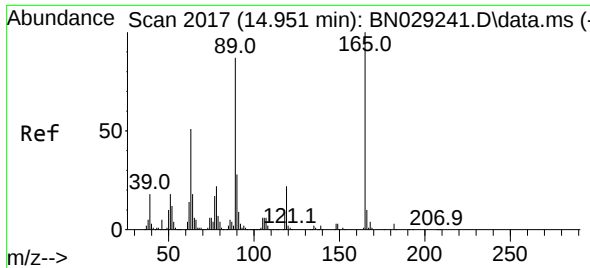
Manual Integrations
APPROVED
 Reviewed By :Jagrut Upadhyay 01/17/2024
 Supervised By :mohammad ahmed 01/18/2024



#56
 Dibenzofuran
 Concen: 4.253 ng/ul
 RT: 14.981 min Scan# 2022
 Delta R.T. 0.000 min
 Lab File: BN029251.D
 Acq: 16 Jan 2024 16:20

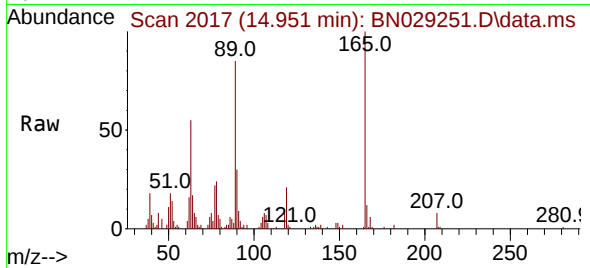
Tgt Ion:	168	Resp:	149611
Ion Ratio	Lower	Upper	
168	100		
139	39.9	32.7	49.1





#57
2,4-Dinitrotoluene
Concen: 3.885 ng/ul
RT: 14.951 min Scan# 2017
Delta R.T. 0.000 min
Lab File: BN029251.D
Acq: 16 Jan 2024 16:20

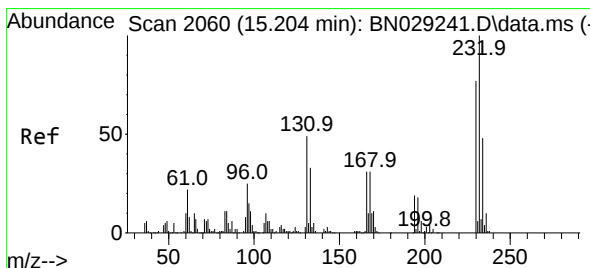
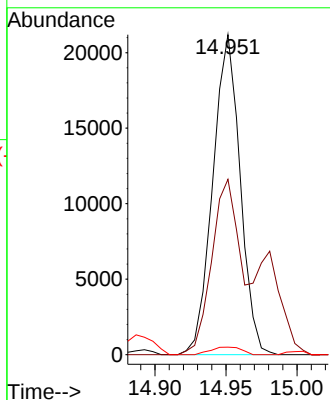
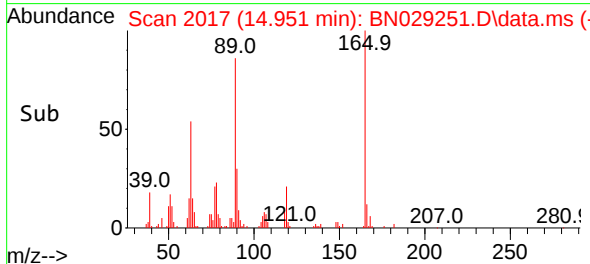
Instrument :
BNA_N
ClientSampleId :
MDL-MED-SOIL-QT4-2023-07



Tgt Ion:165 Resp: 2840
Ion Ratio Lower Upper
165 100
63 54.8 42.0 63.0
182 2.4 2.2 3.4

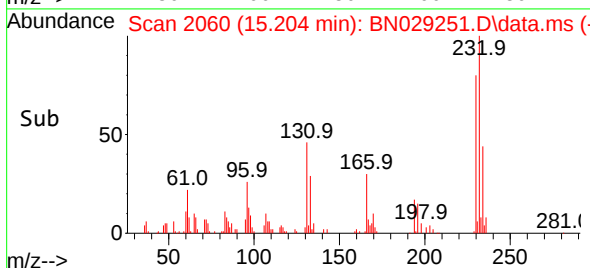
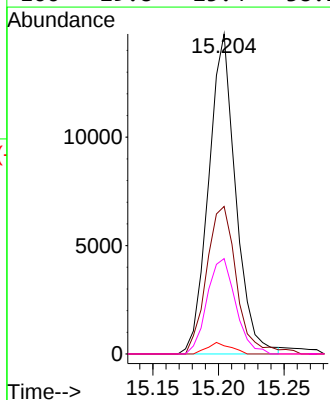
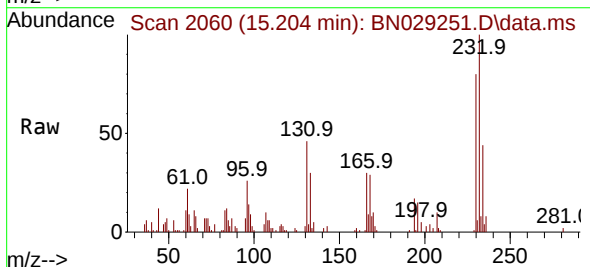
Manual Integrations
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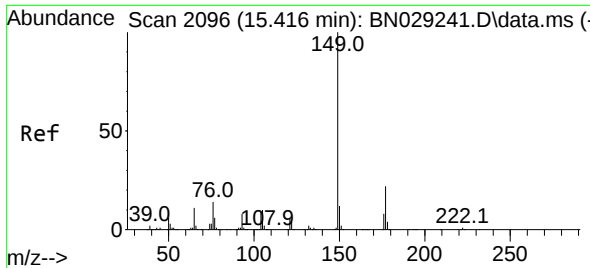
Reviewed By :Jagrut Upadhyay 01/17/2024
Supervised By :mohammad ahmed 01/18/2024



#58
2,3,4,6-Tetrachlorophenol
Concen: 3.594 ng/ul
RT: 15.204 min Scan# 2060
Delta R.T. 0.000 min
Lab File: BN029251.D
Acq: 16 Jan 2024 16:20

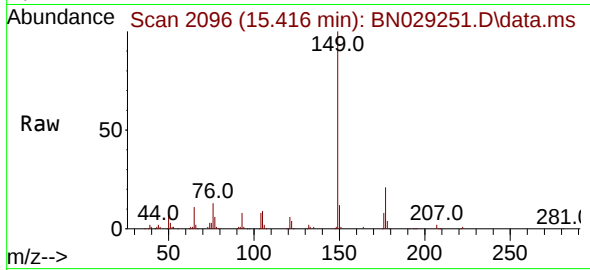
Tgt Ion:232 Resp: 21181
Ion Ratio Lower Upper
232 100
131 46.1 39.7 59.5
130 2.5 2.2 3.4
166 29.8 25.4 38.2





#59
Diethylphthalate
Concen: 4.148 ng/ul
RT: 15.416 min Scan# 2096
Delta R.T. 0.000 min
Lab File: BN029251.D
Acq: 16 Jan 2024 16:20

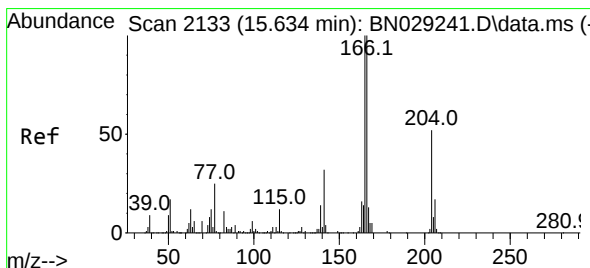
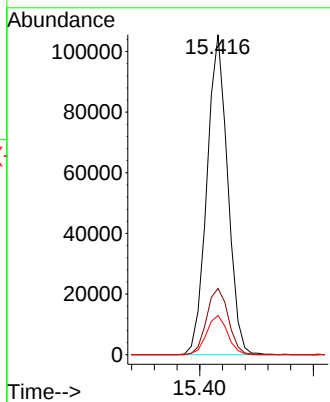
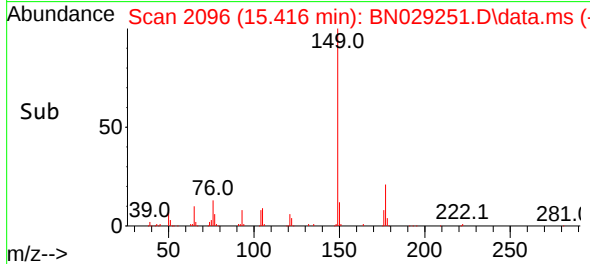
Instrument :
BNA_N
ClientSampleId :
MDL-MED-SOIL-QT4-2023-07



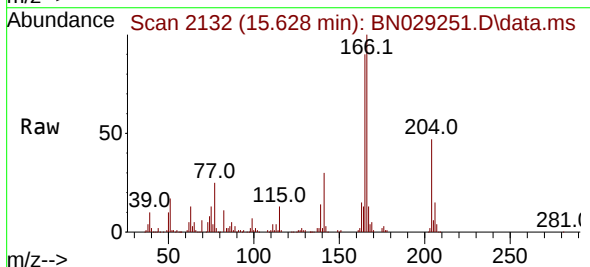
Tgt Ion:149 Resp: 133611
Ion Ratio Lower Upper
149 100
177 20.7 17.7 26.5
150 12.3 10.3 15.5

Manual Integrations
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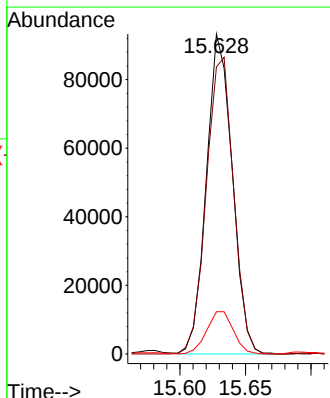
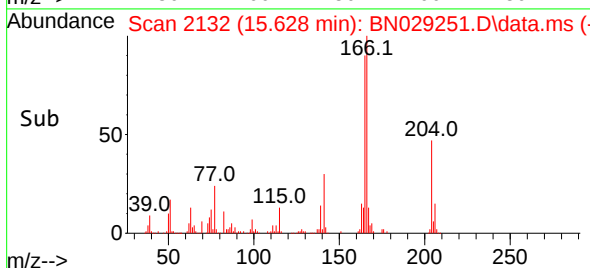
Reviewed By :Jagrut Upadhyay 01/17/2024
Supervised By :mohammad ahmed 01/18/2024

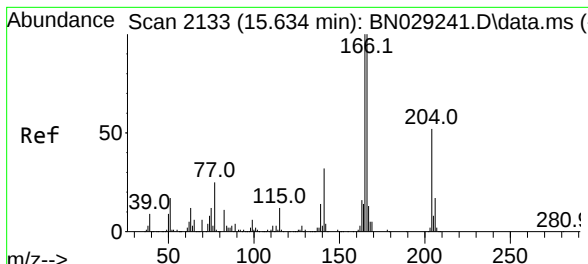


#61
Fluorene
Concen: 4.211 ng/ul
RT: 15.628 min Scan# 2132
Delta R.T. -0.005 min
Lab File: BN029251.D
Acq: 16 Jan 2024 16:20



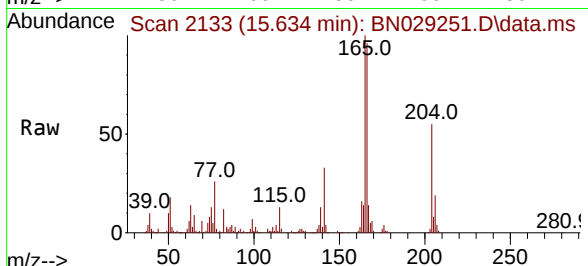
Tgt Ion:166 Resp: 128272
Ion Ratio Lower Upper
166 100
165 89.7 79.0 118.6
167 13.2 10.7 16.1





#62
4-Chlorophenyl-phenylether
Concen: 4.343 ng/ul
RT: 15.634 min Scan# 2133
Delta R.T. 0.000 min
Lab File: BN029251.D
Acq: 16 Jan 2024 16:20

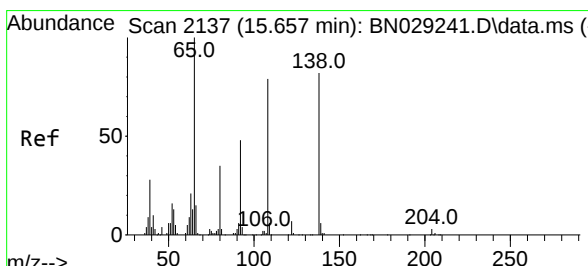
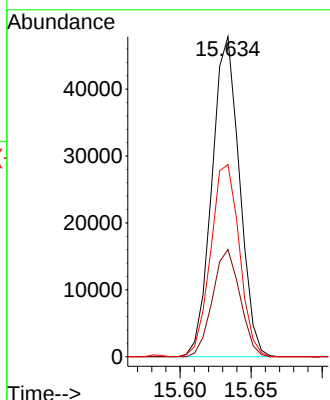
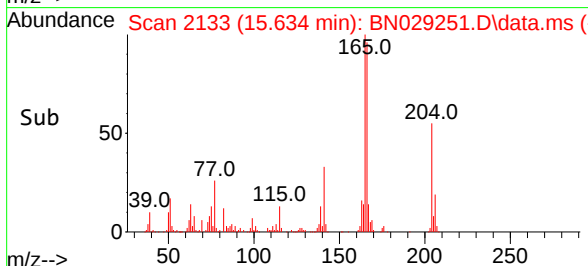
Instrument :
BNA_N
ClientSampleId :
MDL-MED-SOIL-QT4-2023-07



Tgt Ion:	204	Resp:	6465
Ion Ratio	Lower	Upper	
204	100		
206	33.5	26.1	39.1
141	60.0	48.6	72.8

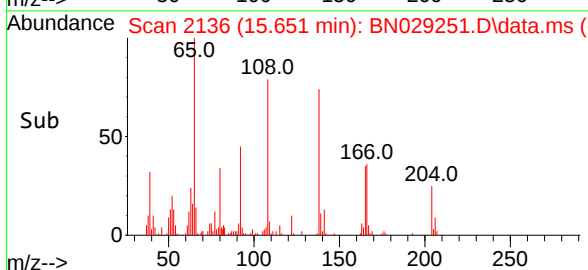
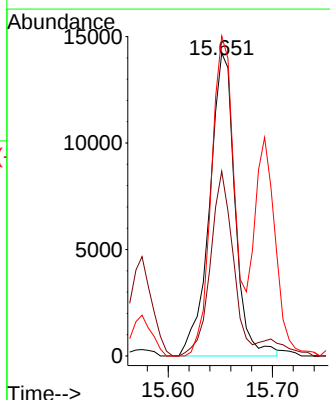
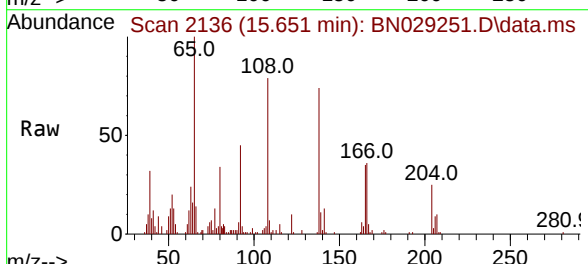
Manual Integrations
APPROVED

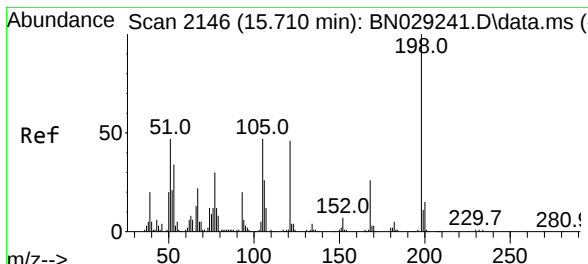
Reviewed By :Jagrut Upadhyay 01/17/2024
Supervised By :mohammad ahmed 01/18/2024



#63
4-Nitroaniline
Concen: 4.513 ng/ul m
RT: 15.651 min Scan# 2136
Delta R.T. -0.005 min
Lab File: BN029251.D
Acq: 16 Jan 2024 16:20

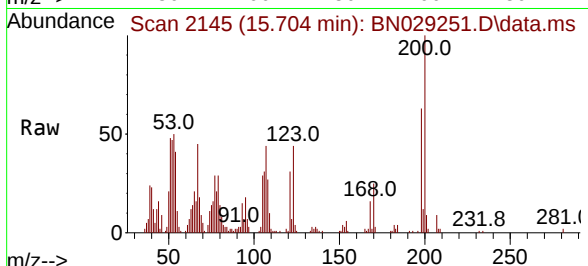
Tgt Ion:	138	Resp:	24101
Ion Ratio	Lower	Upper	
138	100		
92	61.0	44.5	66.7
108	105.6	79.8	119.8





#66
 4,6-Dinitro-2-methylphenol
 Concen: 3.740 ng/ul
 RT: 15.704 min Scan# 2145
 Delta R.T. -0.005 min
 Lab File: BN029251.D
 Acq: 16 Jan 2024 16:20

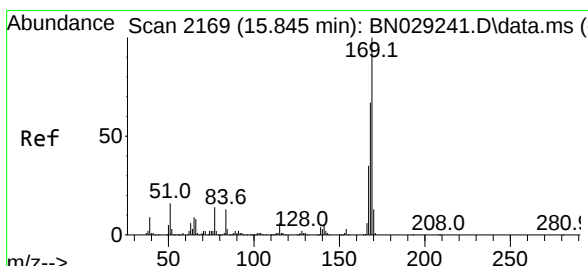
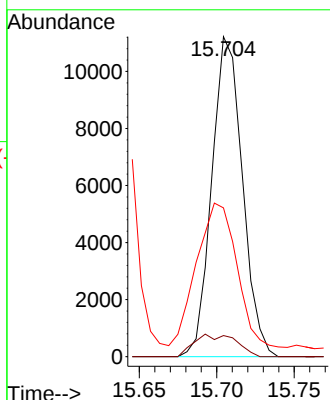
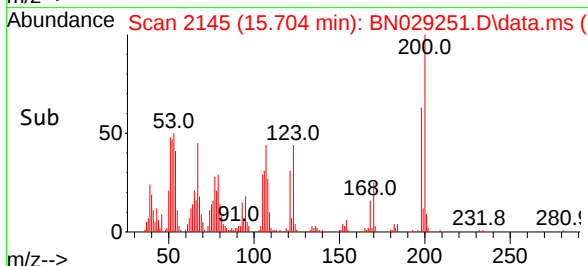
Instrument : BNA_N
 ClientSampleId : MDL-MED-SOIL-QT4-2023-07



Tgt Ion:198 Resp: 1540
 Ion Ratio Lower Upper
 198 100
 182 6.6 4.0 6.0
 77 46.5 24.7 37.1

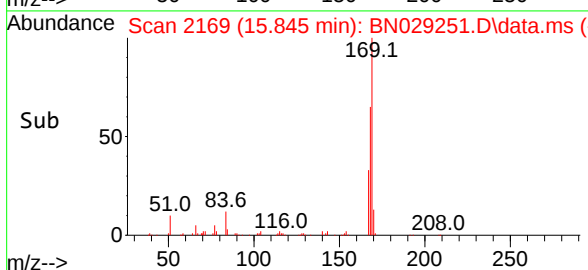
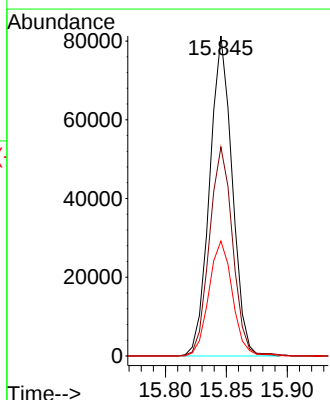
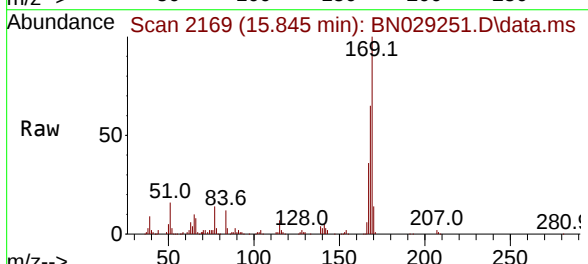
Manual Integrations
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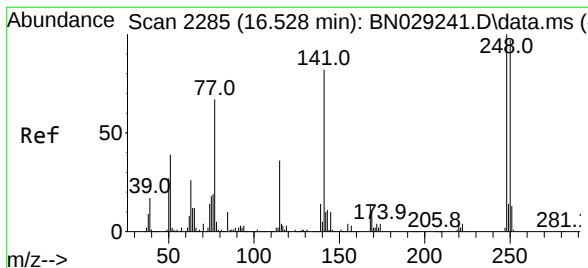
Reviewed By :Jagrut Upadhyay 01/17/2024
 Supervised By :mohammad ahmed 01/18/2024



#67
 N-Nitrosodiphenylamine
 Concen: 4.071 ng/ul
 RT: 15.845 min Scan# 2169
 Delta R.T. 0.000 min
 Lab File: BN029251.D
 Acq: 16 Jan 2024 16:20

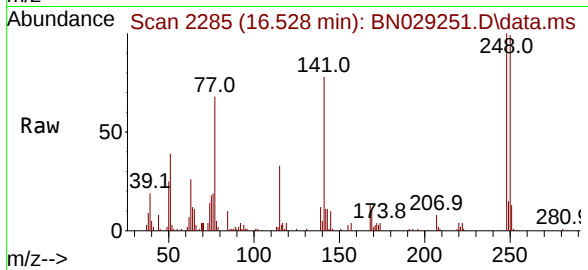
Tgt Ion:169 Resp: 104993
 Ion Ratio Lower Upper
 169 100
 168 65.3 55.1 82.7
 167 35.9 29.4 44.0





#68
4-Bromophenyl-phenylether
Concen: 2.941 ng/ul
RT: 16.528 min Scan# 2285
Delta R.T. 0.000 min
Lab File: BN029251.D
Acq: 16 Jan 2024 16:20

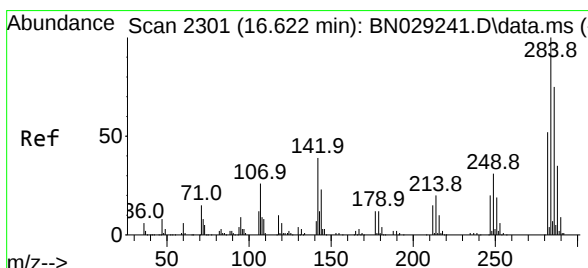
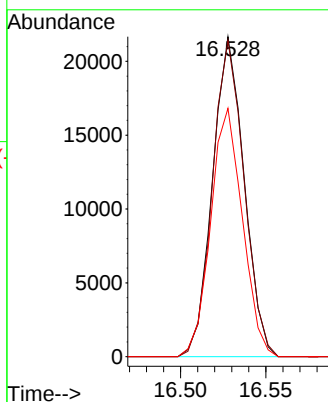
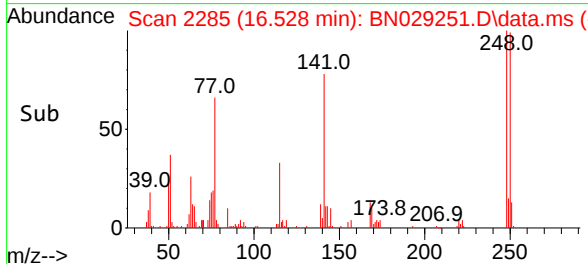
Instrument :
BNA_N
ClientSampleId :
MDL-MED-SOIL-QT4-2023-07



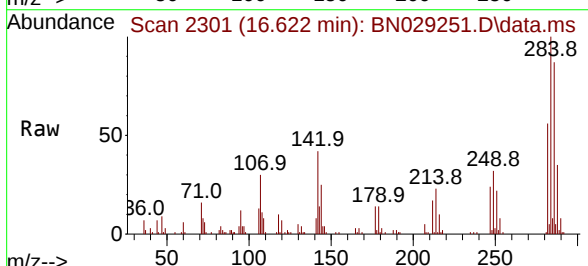
Tgt Ion:248 Resp: 2796
Ion Ratio Lower Upper
248 100
250 98.8 80.2 120.2
141 77.6 62.7 94.1

Manual Integrations
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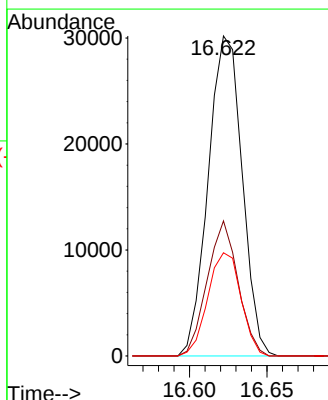
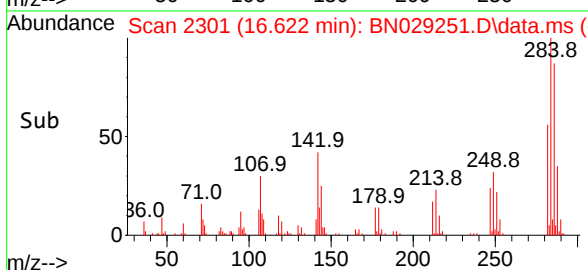
Reviewed By :Jagrut Upadhyay 01/17/2024
Supervised By :mohammad ahmed 01/18/2024

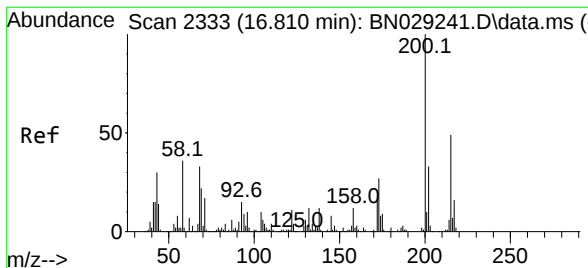


#69
Hexachlorobenzene
Concen: 4.016 ng/ul
RT: 16.622 min Scan# 2301
Delta R.T. -0.005 min
Lab File: BN029251.D
Acq: 16 Jan 2024 16:20



Tgt Ion:284 Resp: 45958
Ion Ratio Lower Upper
284 100
142 42.2 24.9 37.3#
249 32.2 23.1 34.7





#70

Atrazine

Concen: 4.356 ng/ul

RT: 16.804 min Scan# 21

Delta R.T. 0.000 min

Lab File: BN029251.D

Acq: 16 Jan 2024 16:20

Instrument :

BNA_N

ClientSampleId :

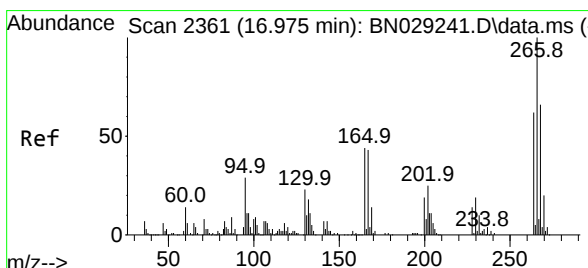
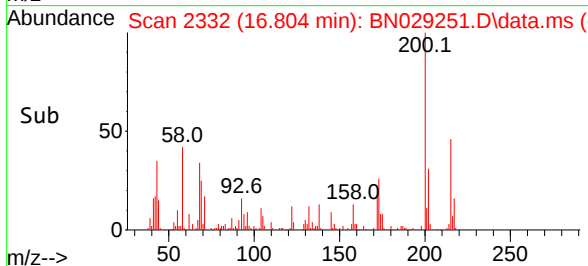
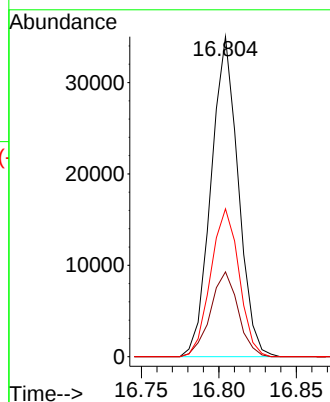
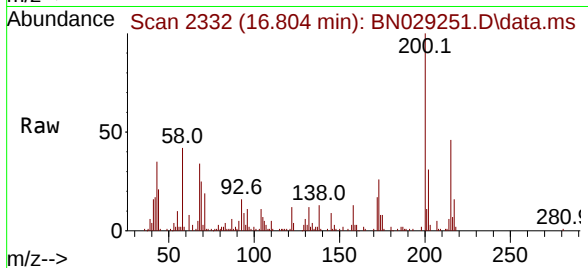
MDL-MED-SOIL-QT4-2023-07

Tgt Ion:200 Resp: 42650
 Ion Ratio Lower Upper
 200 100
 173 26.5 20.1 30.1
 215 46.2 36.9 55.3

Manual Integrations

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Reviewed By :Jagrut Upadhyay 01/17/2024
 Supervised By :mohammad ahmed 01/18/2024



#71

Pentachlorophenol

Concen: 3.808 ng/ul

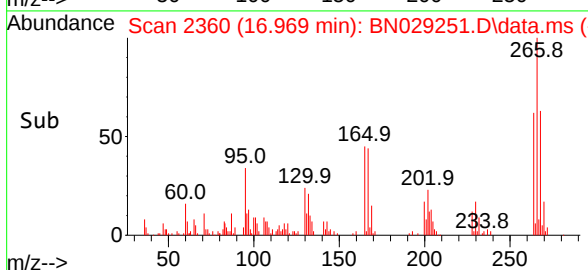
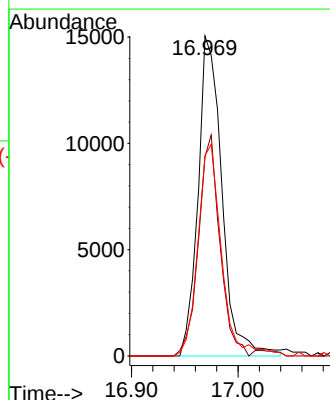
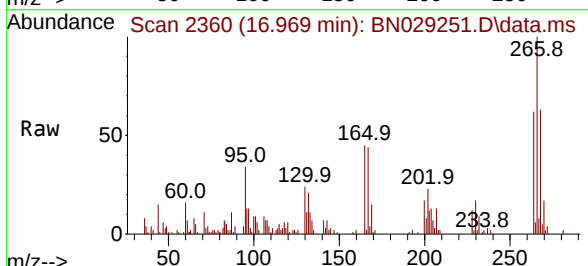
RT: 16.969 min Scan# 2360

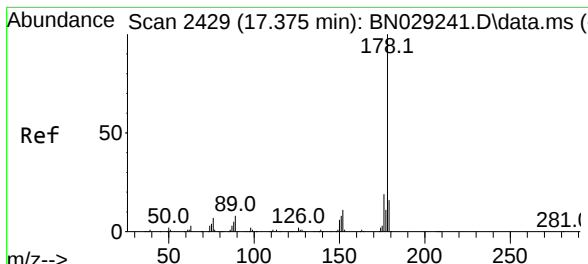
Delta R.T. -0.005 min

Lab File: BN029251.D

Acq: 16 Jan 2024 16:20

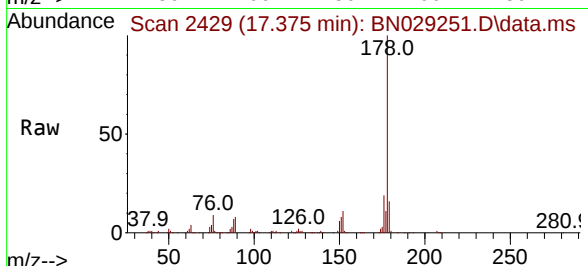
Tgt Ion:266 Resp: 23548
 Ion Ratio Lower Upper
 266 100
 264 62.3 53.4 80.0
 268 62.7 49.4 74.0





#72
Phenanthrene
Concen: 4.191 ng/u1
RT: 17.375 min Scan# 2429
Delta R.T. 0.000 min
Lab File: BN029251.D
Acq: 16 Jan 2024 16:20

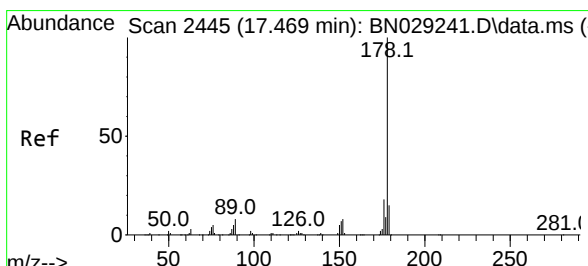
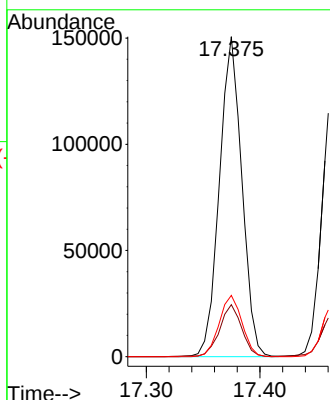
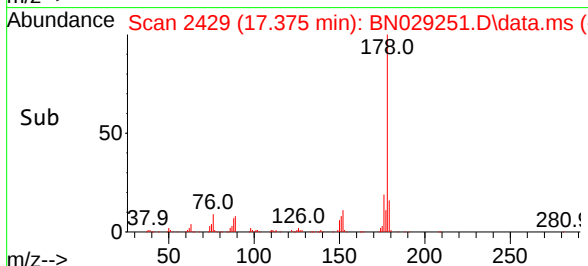
Instrument :
BNA_N
ClientSampleId :
MDL-MED-SOIL-QT4-2023-07



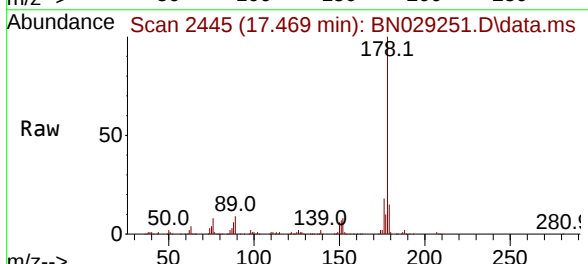
Tgt Ion:178 Resp: 206858
Ion Ratio Lower Upper
178 100
179 16.3 12.6 19.0
176 19.1 15.7 23.5

Manual Integrations
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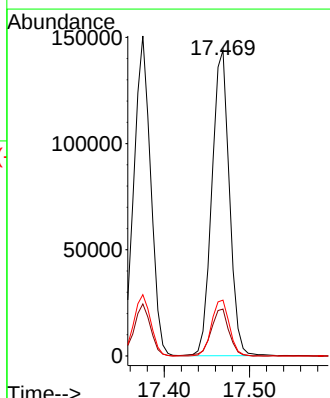
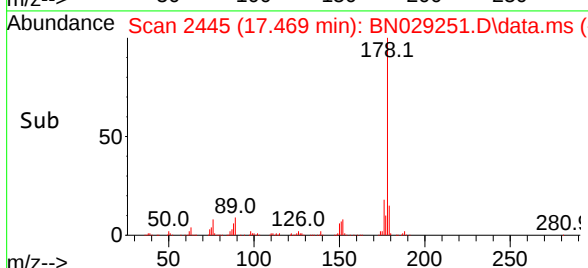
Reviewed By :Jagrut Upadhyay 01/17/2024
Supervised By :mohammad ahmed 01/18/2024

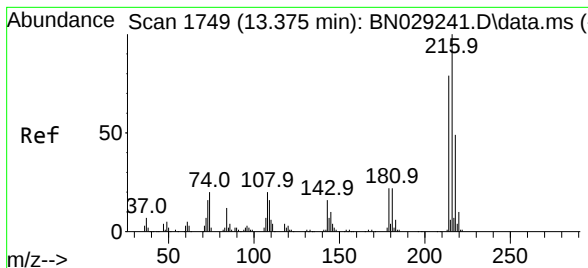


#74
Anthracene
Concen: 3.997 ng/u1
RT: 17.469 min Scan# 2445
Delta R.T. 0.000 min
Lab File: BN029251.D
Acq: 16 Jan 2024 16:20



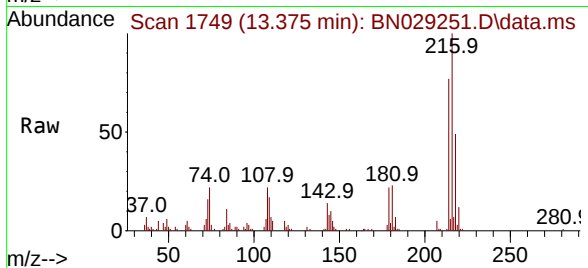
Tgt Ion:178 Resp: 204858
Ion Ratio Lower Upper
178 100
179 15.3 11.6 17.4
176 18.3 14.2 21.4





#75
1,2,3,4-Tetrachlorobenzene
Concen: 4.091 ng/uL
RT: 13.375 min Scan# 1749
Delta R.T. 0.000 min
Lab File: BN029251.D
Acq: 16 Jan 2024 16:20

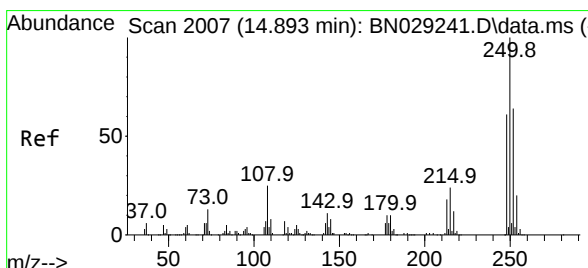
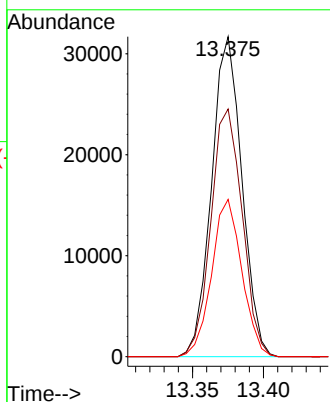
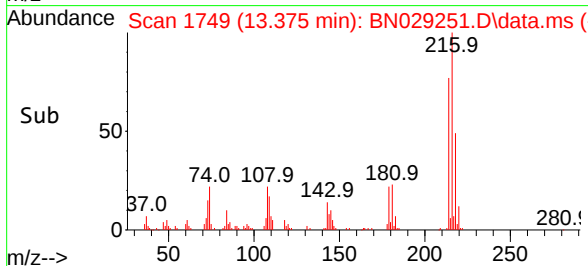
Instrument :
BNA_N
ClientSampleId :
MDL-MED-SOIL-QT4-2023-07



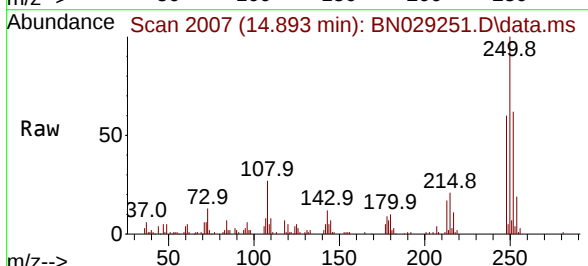
Tgt Ion:216 Resp: 47048
Ion Ratio Lower Upper
216 100
214 77.4 58.3 87.5
218 49.1 35.2 52.8

Manual Integrations
APPROVED

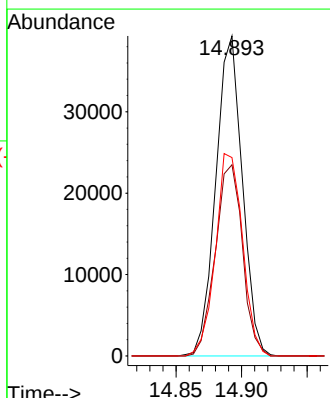
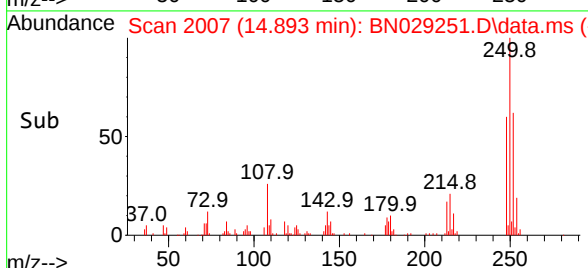
Reviewed By :Jagrut Upadhyay 01/17/2024
Supervised By :mohammad ahmed 01/18/2024

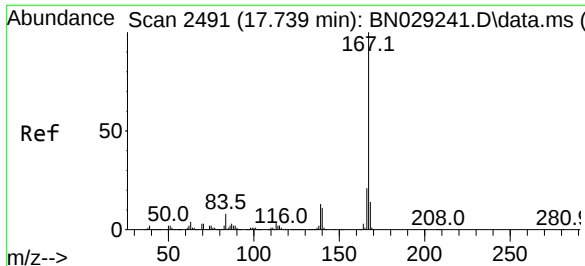


#76
Pentachlorobenzene
Concen: 4.637 ng/uL
RT: 14.893 min Scan# 2007
Delta R.T. 0.000 min
Lab File: BN029251.D
Acq: 16 Jan 2024 16:20



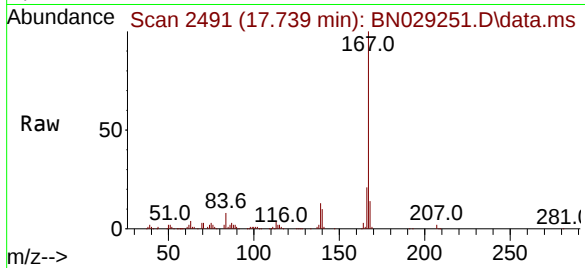
Tgt Ion:250 Resp: 55208
Ion Ratio Lower Upper
250 100
248 59.7 50.5 75.7
252 62.0 54.3 81.5





#77
 Carbazole
 Concen: 3.845 ng/ul
 RT: 17.739 min Scan# 2491
 Delta R.T. 0.000 min
 Lab File: BN029251.D
 Acq: 16 Jan 2024 16:20

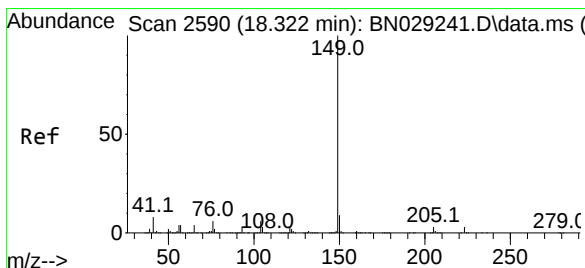
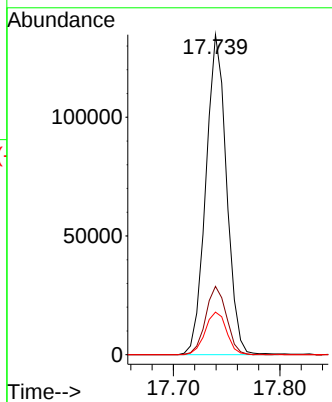
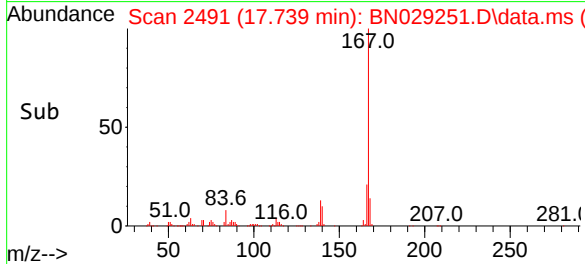
Instrument : BNA_N
 ClientSampleId : MDL-MED-SOIL-QT4-2023-07



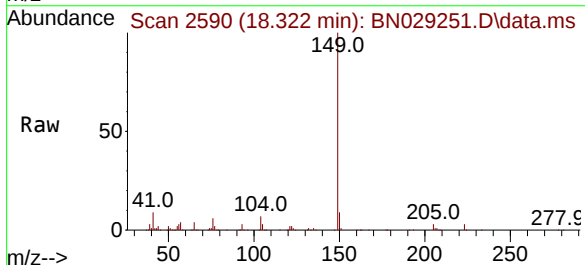
Tgt Ion:167 Resp: 182239
 Ion Ratio Lower Upper
 167 100
 166 21.3 18.0 27.0
 139 13.3 10.8 16.2

Manual Integrations
 APPROVED

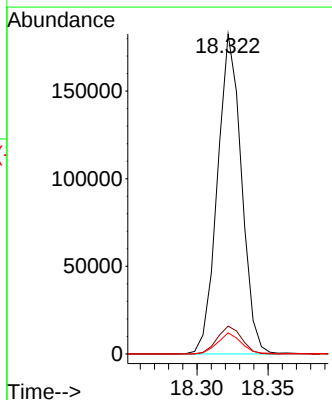
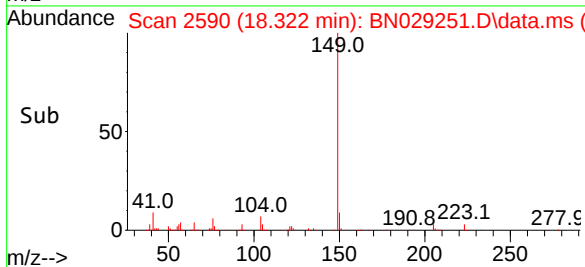
Reviewed By :Jagrut Upadhyay 01/17/2024
 Supervised By :mohammad ahmed 01/18/2024

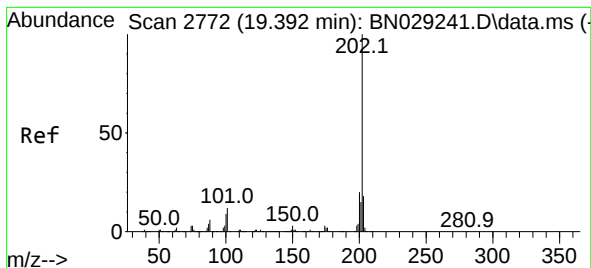


#78
 Di-n-butylphthalate
 Concen: 3.715 ng/ul
 RT: 18.322 min Scan# 2590
 Delta R.T. 0.000 min
 Lab File: BN029251.D
 Acq: 16 Jan 2024 16:20



Tgt Ion:149 Resp: 214732
 Ion Ratio Lower Upper
 149 100
 150 8.7 7.1 10.7
 104 6.6 4.8 7.2





#80

Fluoranthene

Concen: 4.142 ng/ul

RT: 19.392 min Scan# 21

Delta R.T. 0.000 min

Lab File: BN029251.D

Acq: 16 Jan 2024 16:20

Instrument :

BNA_N

ClientSampleId :

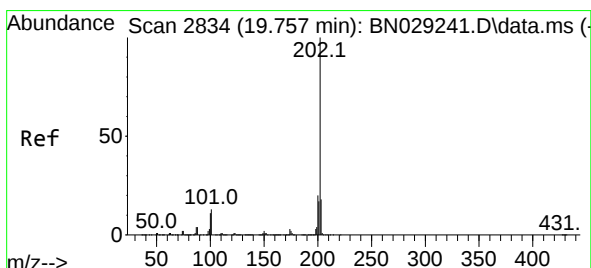
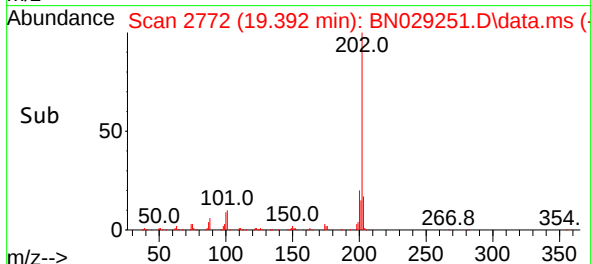
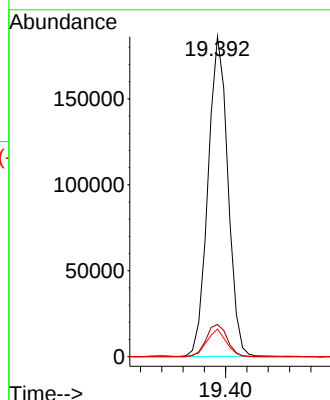
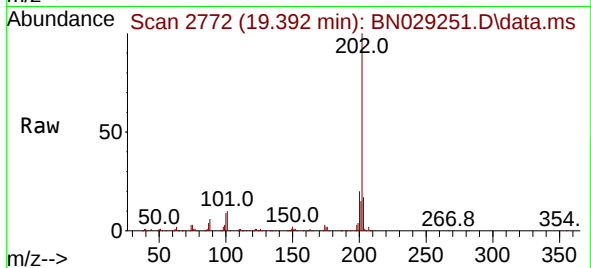
MDL-MED-SOIL-QT4-2023-07

Tgt Ion:202 Resp: 24196
 Ion Ratio Lower Upper
 202 100
 101 10.1 9.3 13.9
 100 8.7 7.0 10.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 01/17/2024
 Supervised By :mohammad ahmed 01/18/2024



#82

Pyrene

Concen: 4.250 ng/ul

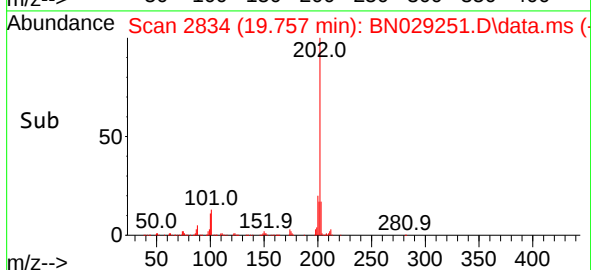
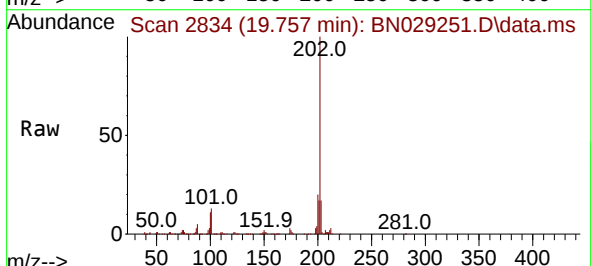
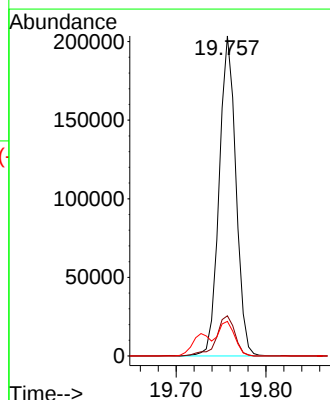
RT: 19.757 min Scan# 2834

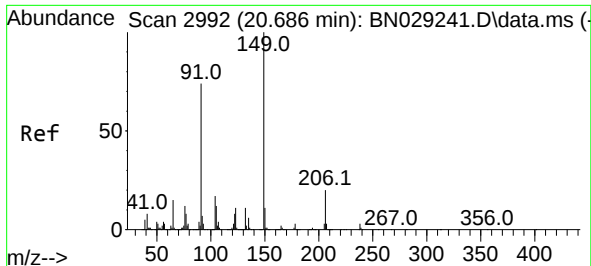
Delta R.T. 0.000 min

Lab File: BN029251.D

Acq: 16 Jan 2024 16:20

Tgt Ion:202 Resp: 263753
 Ion Ratio Lower Upper
 202 100
 101 12.6 10.3 15.5
 100 10.8 8.9 13.3





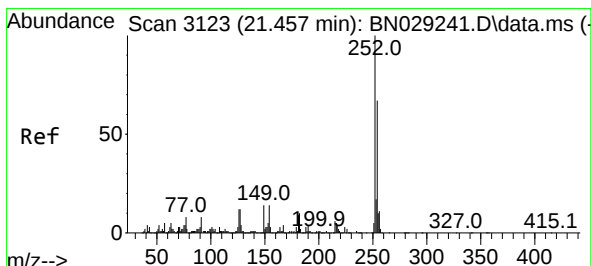
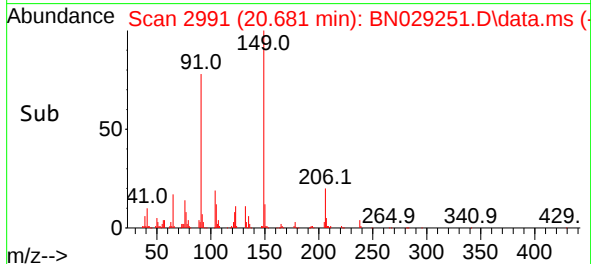
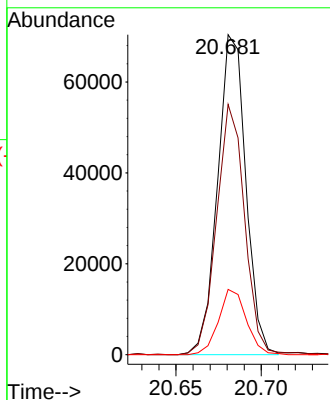
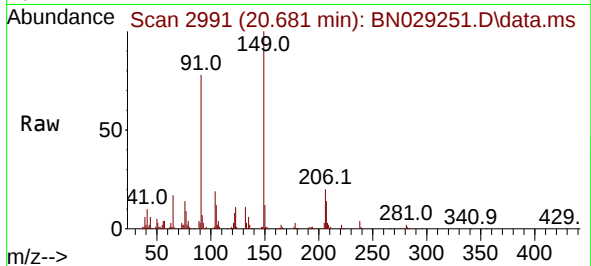
#83
Butylbenzylphthalate
Concen: 3.353 ng/ul
RT: 20.681 min Scan# 2991
Delta R.T. 0.000 min
Lab File: BN029251.D
Acq: 16 Jan 2024 16:20

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

Tgt Ion:149 Resp: 81348
Ion Ratio Lower Upper
149 100
91 78.2 65.4 98.2
206 20.4 14.9 22.3

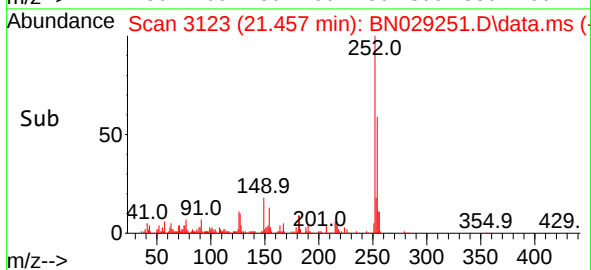
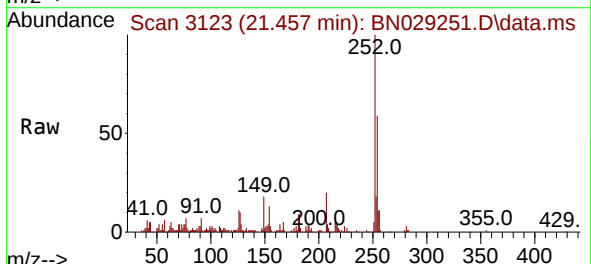
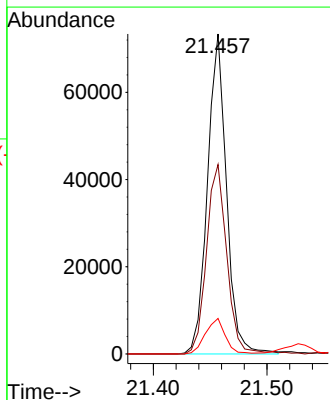
Manual Integrations
APPROVED

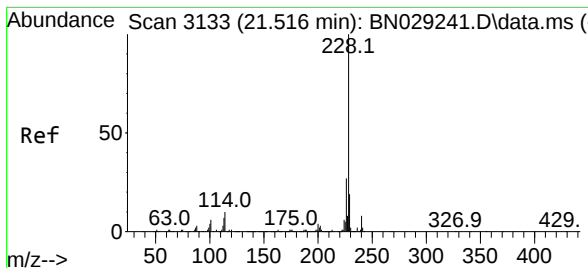
Reviewed By :Jagrut Upadhyay 01/17/2024
Supervised By :mohammad ahmed 01/18/2024



#84
3,3'-Dichlorobenzidine
Concen: 4.130 ng/ul
RT: 21.457 min Scan# 3123
Delta R.T. 0.000 min
Lab File: BN029251.D
Acq: 16 Jan 2024 16:20

Tgt Ion:252 Resp: 85265
Ion Ratio Lower Upper
252 100
254 59.2 50.7 76.1
126 11.1 8.6 12.8





#85

Benzo(a)anthracene

Concen: 4.185 ng/ul

RT: 21.516 min Scan# 3133

Delta R.T. 0.000 min

Lab File: BN029251.D

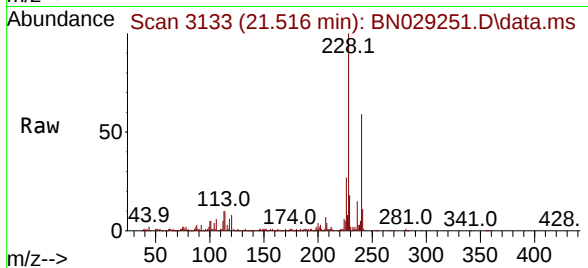
Acq: 16 Jan 2024 16:20

Instrument :

BNA_N

ClientSampleId :

MDL-MED-SOIL-QT4-2023-07



Tgt Ion:228 Resp: 27440

Ion Ratio Lower Upper

228 100

229 18.0 16.3 24.5

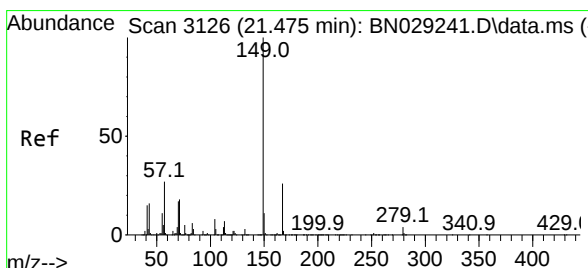
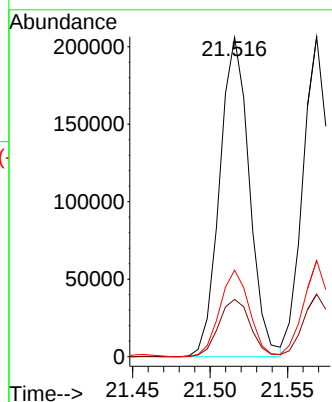
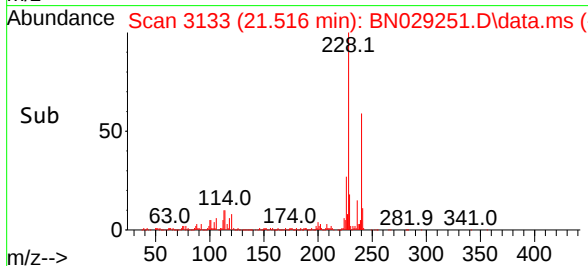
226 27.1 22.4 33.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 01/17/2024

Supervised By :mohammad ahmed 01/18/2024



#86

Bis(2-ethylhexyl)phthalate

Concen: 3.435 ng/ul

RT: 21.475 min Scan# 3126

Delta R.T. 0.000 min

Lab File: BN029251.D

Acq: 16 Jan 2024 16:20

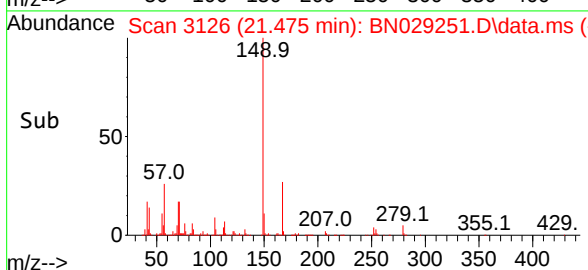
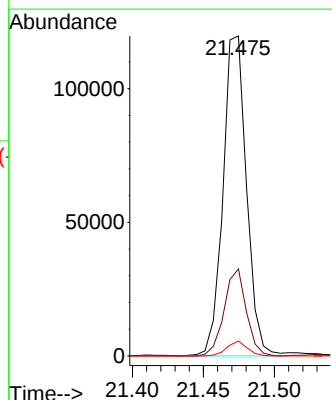
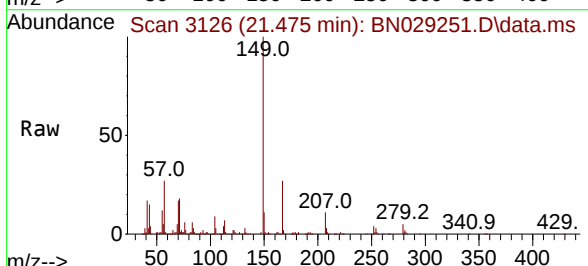
Tgt Ion:149 Resp: 137631

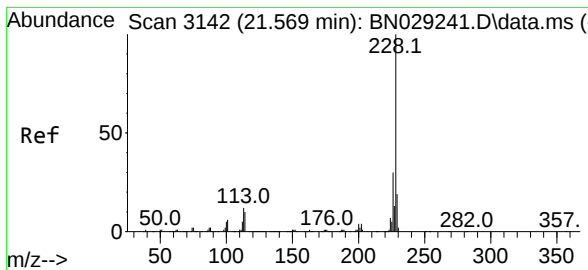
Ion Ratio Lower Upper

149 100

167 27.2 20.6 31.0

279 4.7 3.6 5.4





#87

Chrysene

Concen: 4.152 ng/ul

RT: 21.569 min Scan# 3142

Delta R.T. 0.000 min

Lab File: BN029251.D

Acq: 16 Jan 2024 16:20

Instrument :

BNA_N

ClientSampleId :

MDL-MED-SOIL-QT4-2023-07

Tgt Ion:228 Resp: 25178

Ion Ratio Lower Upper

228 100

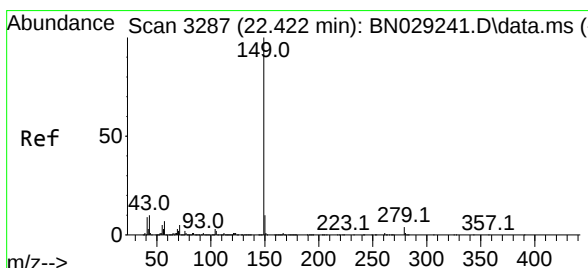
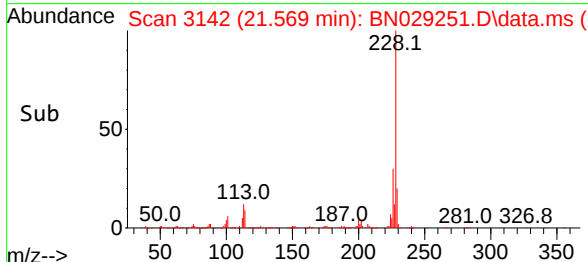
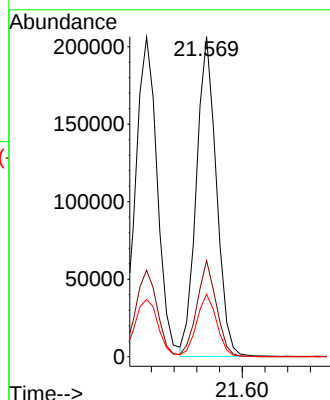
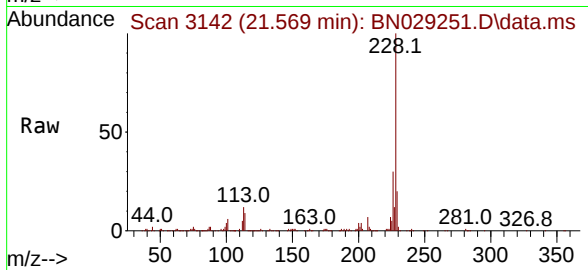
226 30.0 24.3 36.5

229 19.5 15.9 23.9

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 01/17/2024
Supervised By :mohammad ahmed 01/18/2024



#89

Di-n-octyl phthalate

Concen: 2.854 ng/ul

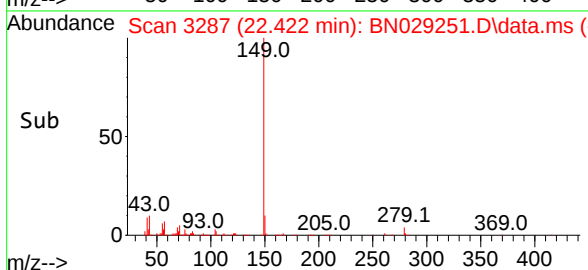
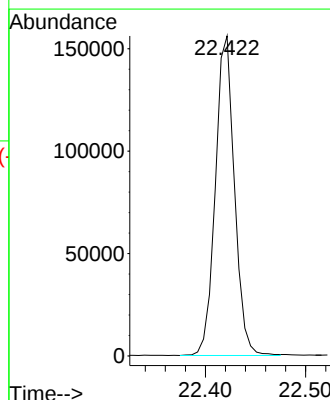
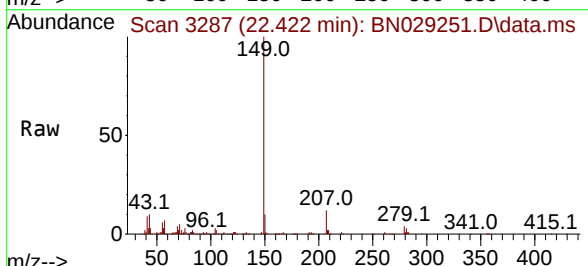
RT: 22.422 min Scan# 3287

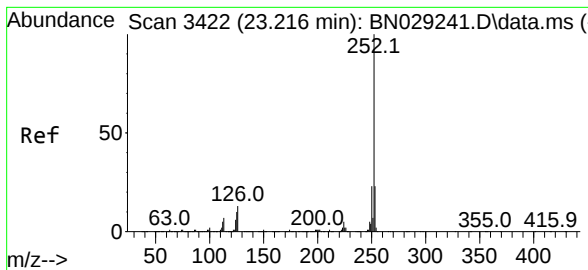
Delta R.T. 0.000 min

Lab File: BN029251.D

Acq: 16 Jan 2024 16:20

Tgt Ion:149 Resp: 206004





#90

Benzo(b)fluoranthene

Concen: 3.988 ng/ul

RT: 23.210 min Scan# 3422

Delta R.T. 0.000 min

Lab File: BN029251.D

Acq: 16 Jan 2024 16:20

Instrument :

BNA_N

ClientSampleId :

MDL-MED-SOIL-QT4-2023-07

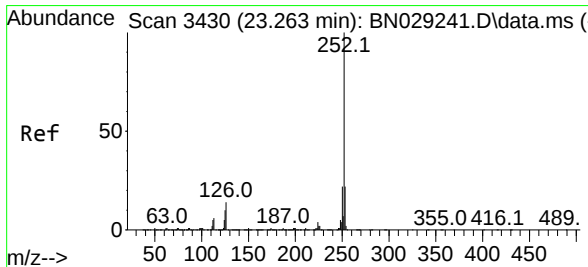
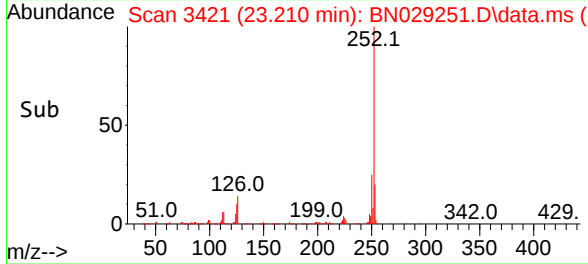
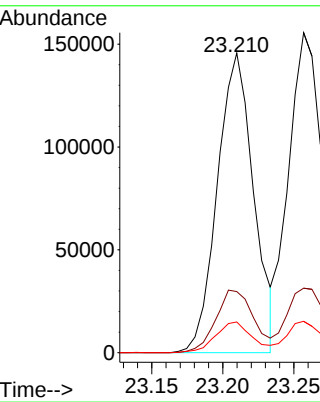
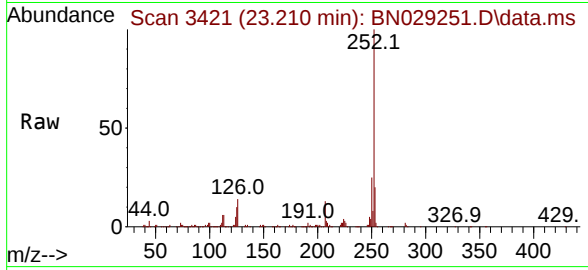
Tgt Ion:252 Resp: 25891

Ion	Ratio	Lower	Upper
252	100		
253	20.4	16.9	25.3
125	10.3	8.2	12.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 01/17/2024
Supervised By :mohammad ahmed 01/18/2024



#91

Benzo(k)fluoranthene

Concen: 4.180 ng/ul

RT: 23.257 min Scan# 3429

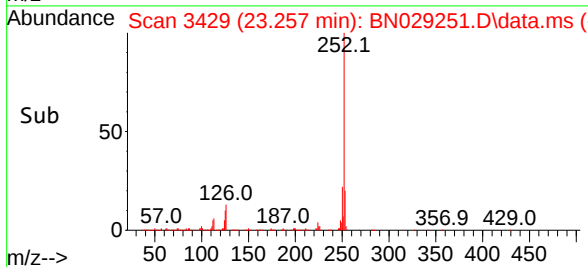
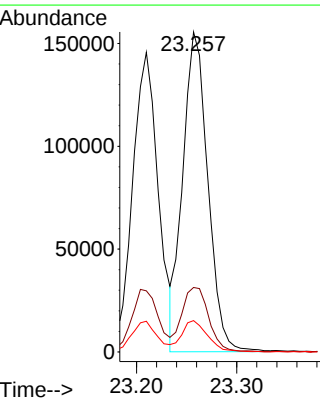
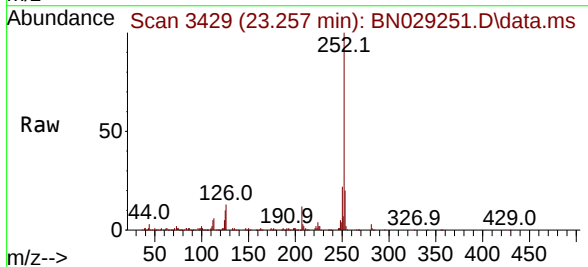
Delta R.T. -0.005 min

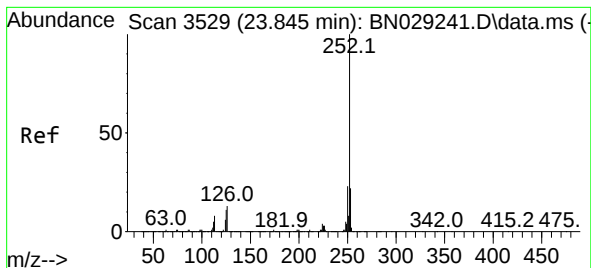
Lab File: BN029251.D

Acq: 16 Jan 2024 16:20

Tgt Ion:252 Resp: 270441

Ion	Ratio	Lower	Upper
252	100		
253	20.1	18.2	27.2
125	9.8	8.0	12.0





#93

Benzo(a)pyrene

Concen: 4.250 ng/ul

RT: 23.839 min Scan# 3529

Delta R.T. 0.000 min

Lab File: BN029251.D

Acq: 16 Jan 2024 16:20

Instrument :

BN029251.D

ClientSampleId :

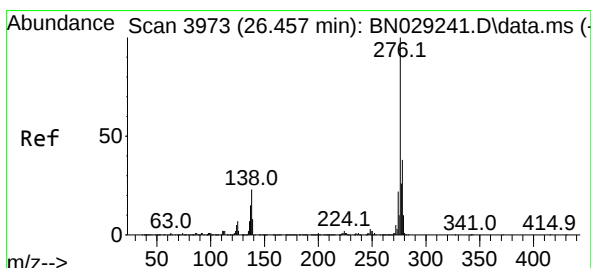
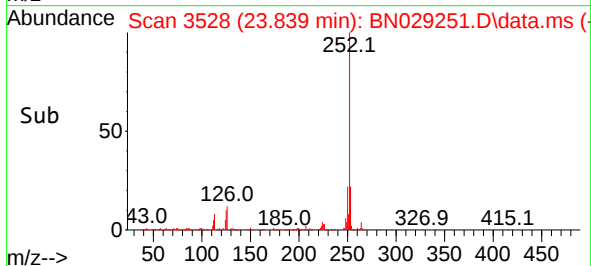
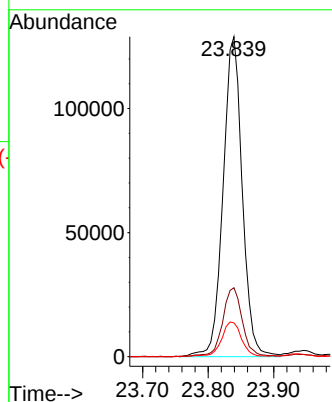
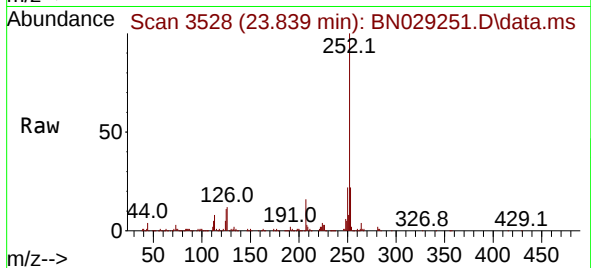
MDL-MED-SOIL-QT4-2023-07

Tgt Ion:	252	Resp:	261619
Ion Ratio	Lower	Upper	
252	100		
253	21.6	17.4	26.0
125	10.5	9.0	13.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 01/17/2024
Supervised By :mohammad ahmed 01/18/2024



#94

Indeno(1,2,3-cd)pyrene

Concen: 3.852 ng/ul

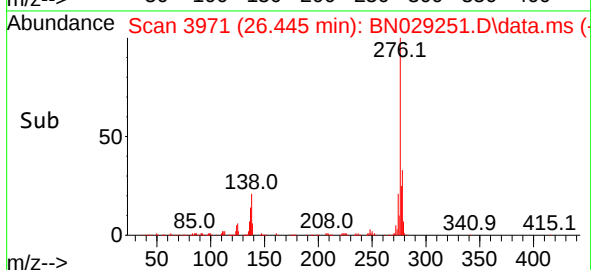
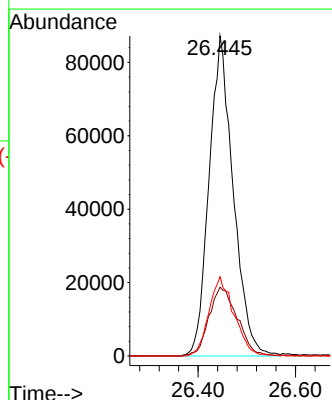
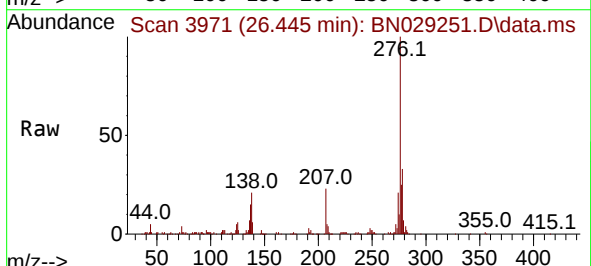
RT: 26.445 min Scan# 3971

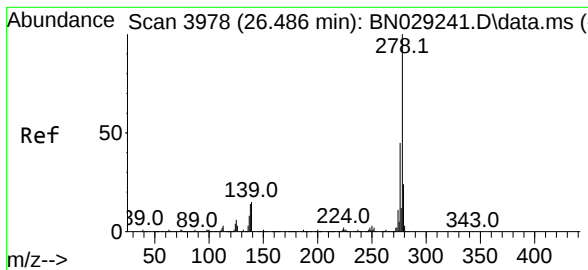
Delta R.T. -0.005 min

Lab File: BN029251.D

Acq: 16 Jan 2024 16:20

Tgt Ion:	276	Resp:	300174
Ion Ratio	Lower	Upper	
276	100		
138	27.9	17.2	25.8
277	24.7	18.6	28.0





#95

Dibenzo(a,h)anthracene

Concen: 3.934 ng/ul

RT: 26.480 min Scan# 3978

Delta R.T. 0.000 min

Lab File: BN029251.D

Acq: 16 Jan 2024 16:20

Instrument :

BNA_N

ClientSampleId :

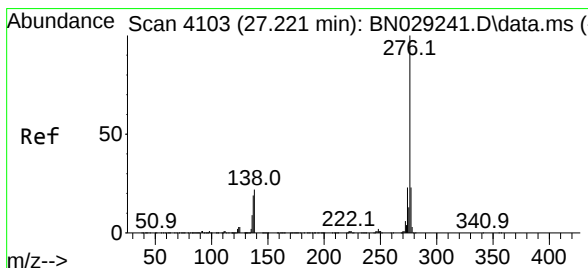
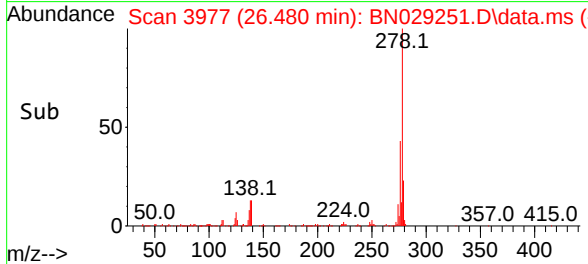
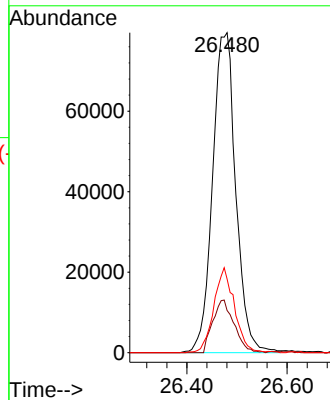
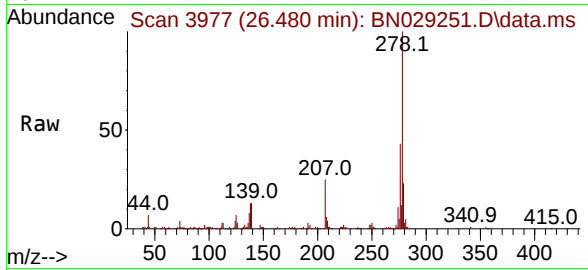
MDL-MED-SOIL-QT4-2023-07

Tgt Ion:	278	Resp:	255629
Ion Ratio	Lower	Upper	
278	100		
139	13.2	12.0	18.0
279	23.0	19.3	28.9

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 01/17/2024
Supervised By :mohammad ahmed 01/18/2024



#96

Benzo(g,h,i)perylene

Concen: 3.819 ng/ul

RT: 27.204 min Scan# 4100

Delta R.T. -0.011 min

Lab File: BN029251.D

Acq: 16 Jan 2024 16:20

Tgt Ion:	276	Resp:	237632
Ion Ratio	Lower	Upper	
276	100		
138	21.2	15.8	23.6
277	22.7	17.0	25.6

