

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031722\
 Data File : BN018998.D
 Acq On : 17 Mar 2022 17:18
 Operator : CG/JU
 Sample : N1645-01
 Misc : LOD-MDL-SOIL 0.2ng
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 LOD-MDL-SOIL-01-QT1-2022

Quant Time: Mar 17 17:50:33 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN031722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 17 17:08:56 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 03/18/2022
 Supervised By :Jagrut Upadhyay 03/18/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.854	152	4618	0.400	ng	0.00
7) Naphthalene-d8	10.658	136	12546	0.400	ng	# 0.00
13) Acenaphthene-d10	14.495	164	8164	0.400	ng	0.00
19) Phenanthrene-d10	17.236	188	17217	0.400	ng	# 0.00
29) Chrysene-d12	21.422	240	11589	0.400	ng	# 0.00
35) Perylene-d12	23.793	264	8160	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.406	112	3930	0.380	ng	0.00
5) Phenol-d6	7.017	99	3764	0.347	ng	0.00
8) Nitrobenzene-d5	9.014	82	2943	0.325	ng	0.00
11) 2-Methylnaphthalene-d10	12.253	152	6996	0.336	ng	0.00
14) 2,4,6-Tribromophenol	15.985	330	1143	0.290	ng	0.00
15) 2-Fluorobiphenyl	13.127	172	11601	0.354	ng	0.00
27) Fluoranthene-d10	19.265	212	17611	0.345	ng	0.00
31) Terphenyl-d14	19.864	244	10779	0.379	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.247	88	1245	0.218	ng	93
3) n-Nitrosodimethylamine	3.572	42	1207	0.181	ng	# 94
6) bis(2-Chloroethyl)ether	7.269	93	2402	0.186	ng	98
9) Naphthalene	10.712	128	6786	0.190	ng	98
10) Hexachlorobutadiene	11.011	225	1648	0.189	ng	# 100
12) 2-Methylnaphthalene	12.325	142	4633	0.191	ng	99
16) Acenaphthylene	14.217	152	6244	0.165	ng	99
17) Acenaphthene	14.559	154	4786	0.180	ng	100
18) Fluorene	15.543	166	5822	0.174	ng	99
20) 4,6-Dinitro-2-methylph...	15.628	198	224	0.105	ng	# 6
21) 4-Bromophenyl-phenylether	16.426	248	1717	0.158	ng	# 81
22) Hexachlorobenzene	16.549	284	2614	0.187	ng	99
23) Atrazine	16.692	200	1293	0.159	ng	98
24) Pentachlorophenol	16.897	266	471	0.110	ng	98
25) Phenanthrene	17.277	178	9202	0.171	ng	99
26) Anthracene	17.369	178	7074	0.155	ng	100
28) Fluoranthene	19.295	202	11132	0.176	ng	99
30) Pyrene	19.657	202	11161	0.193	ng	100
32) Benzo(a)anthracene	21.404	228	5201	0.146	ng	97
33) Chrysene	21.458	228	9040	0.188	ng	99
34) Bis(2-ethylhexyl)phtha...	21.333	149	4031	0.170	ng	99
36) Indeno(1,2,3-cd)pyrene	26.255	276	5244m	0.178	ng	
37) Benzo(b)fluoranthene	23.071	252	5280	0.177	ng	# 81
38) Benzo(k)fluoranthene	23.118	252	7802m	0.191	ng	
39) Benzo(a)pyrene	23.694	252	5444	0.201	ng	# 64
40) Dibenzo(a,h)anthracene	26.276	278	4062m	0.177	ng	
41) Benzo(g,h,i)perylene	27.006	276	5226	0.181	ng	93

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

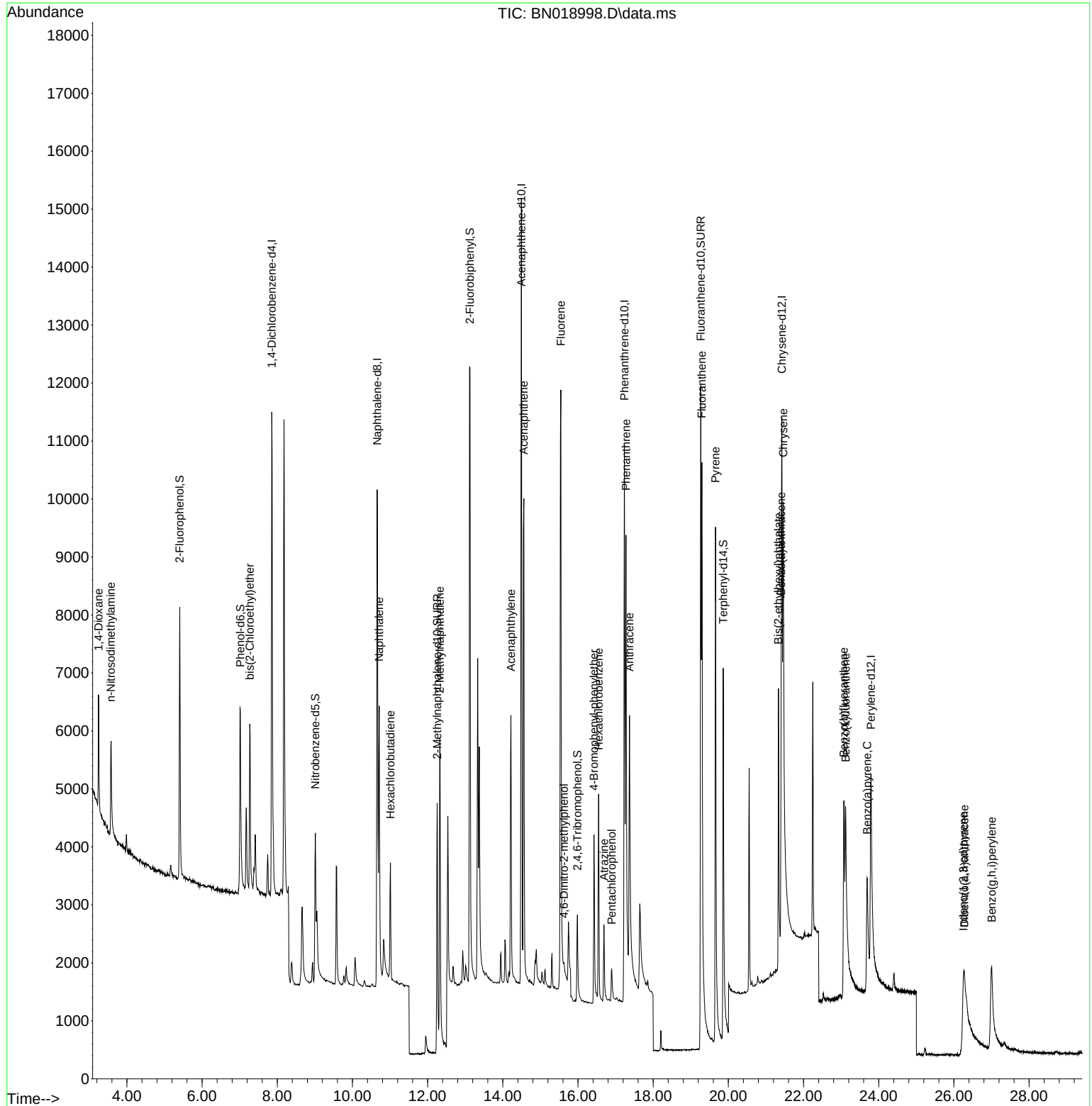
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031722\
 Data File : BN018998.D
 Acq On : 17 Mar 2022 17:18
 Operator : CG/JU
 Sample : N1645-01
 Misc : LOD-MDL-SOIL 0.2ng
 ALS Vial : 5 Sample Multiplier: 1

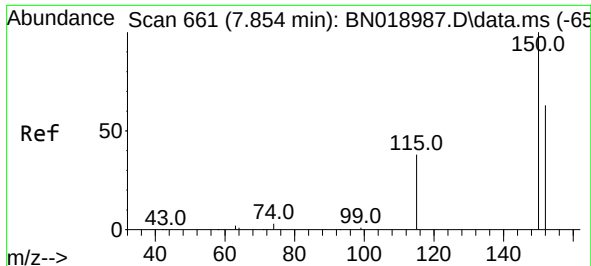
Instrument :
 BNA_N
 ClientSampleId :
 LOD-MDL-SOIL-01-QT1-2022

Quant Time: Mar 17 17:50:33 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN031722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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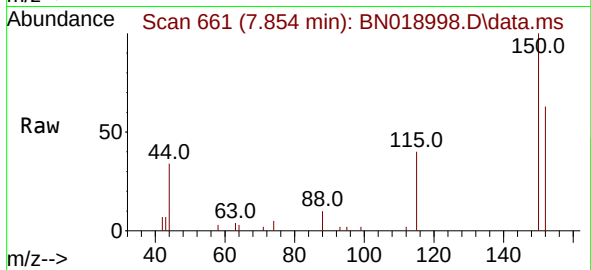
Reviewed By : Christian Giraldo 03/18/2022
 Supervised By : Jagrut Upadhyay 03/18/2022





#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.854 min Scan# 661
 Delta R.T. 0.000 min
 Lab File: BN018998.D
 Acq: 17 Mar 2022 17:18

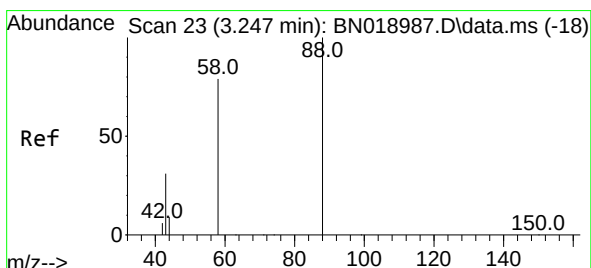
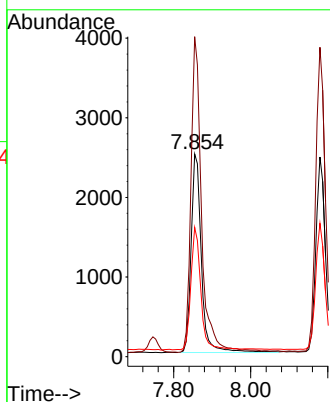
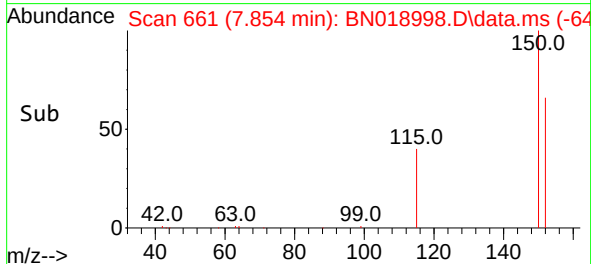
Instrument :
 BNA_N
 ClientSampleId :
 LOD-MDL-SOIL-01-QT1-2022



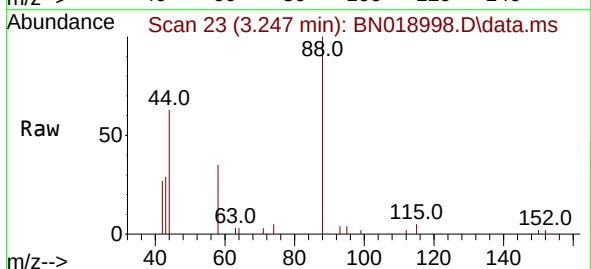
Tgt Ion: 152 Resp: 4618
 Ion Ratio Lower Upper
 152 100
 150 157.9 123.9 185.9
 115 63.8 48.2 72.4

Manual Integrations
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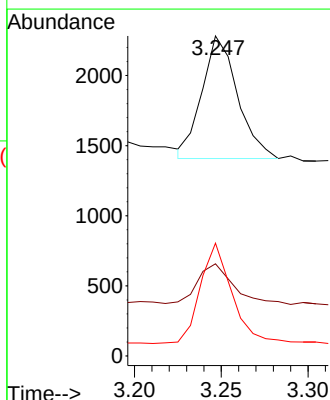
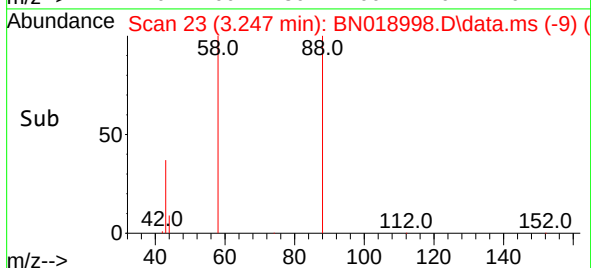
Reviewed By : Christian Giraldo 03/18/2022
 Supervised By : Jagrut Upadhyay 03/18/2022

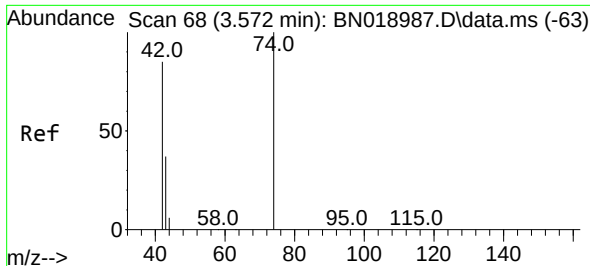


#2
 1,4-Dioxane
 Concen: 0.218 ng
 RT: 3.247 min Scan# 23
 Delta R.T. 0.000 min
 Lab File: BN018998.D
 Acq: 17 Mar 2022 17:18



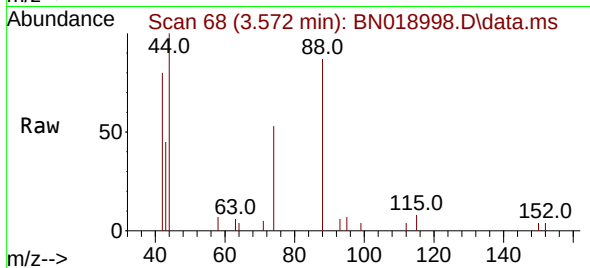
Tgt Ion: 88 Resp: 1245
 Ion Ratio Lower Upper
 88 100
 43 31.4 24.6 37.0
 58 73.3 65.4 98.2





#3
n-Nitrosodimethylamine
Concen: 0.181 ng
RT: 3.572 min Scan# 68
Delta R.T. 0.000 min
Lab File: BN018998.D
Acq: 17 Mar 2022 17:18

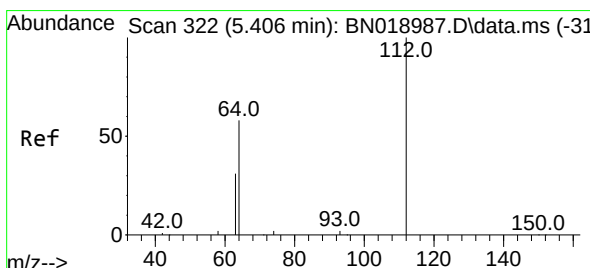
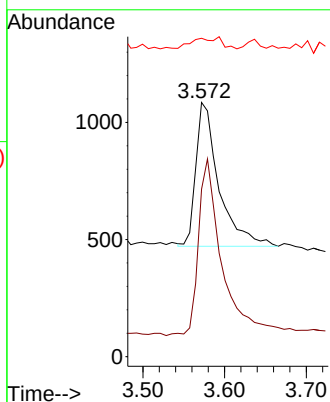
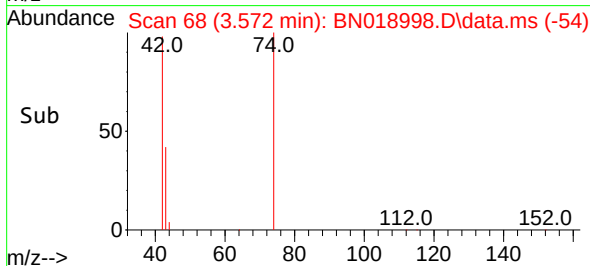
Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022



Tgt Ion: 42 Resp: 120
Ion Ratio Lower Upper
42 100
74 125.9 96.9 145.3
44 0.0 7.3 10.9

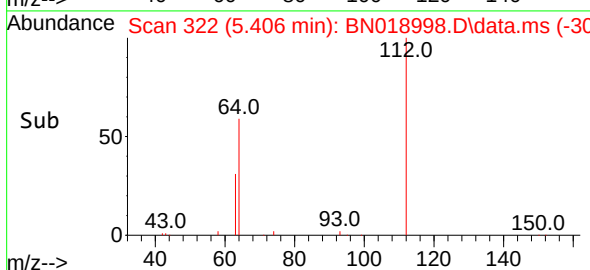
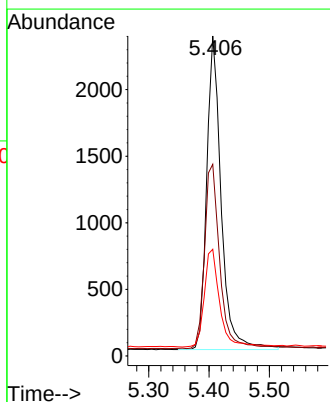
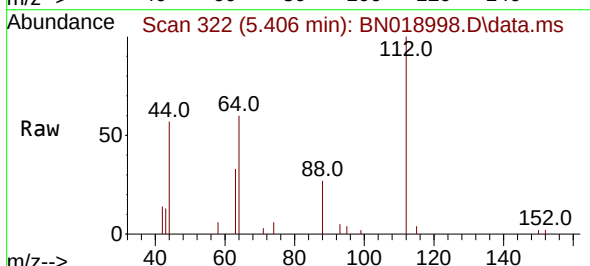
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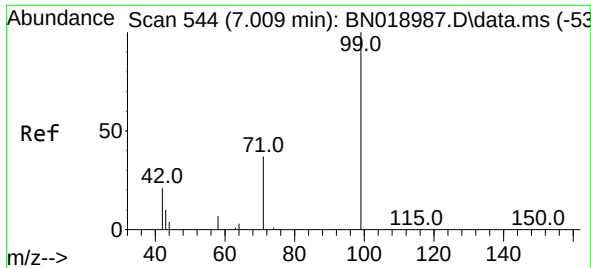
Reviewed By :Christian Giraldo 03/18/2022
Supervised By :Jagrut Upadhyay 03/18/2022



#4
2-Fluorophenol
Concen: 0.380 ng
RT: 5.406 min Scan# 322
Delta R.T. 0.000 min
Lab File: BN018998.D
Acq: 17 Mar 2022 17:18

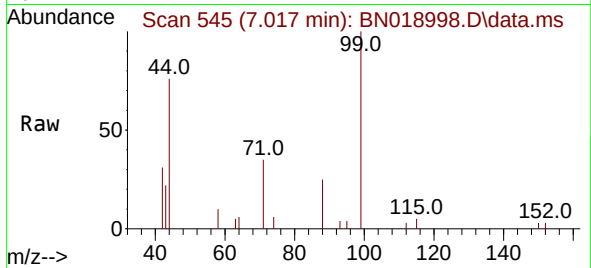
Tgt Ion:112 Resp: 3930
Ion Ratio Lower Upper
112 100
64 61.8 47.8 71.8
63 33.5 25.7 38.5





#5
Phenol-d6
Concen: 0.347 ng
RT: 7.017 min Scan# 544
Delta R.T. 0.007 min
Lab File: BN018998.D
Acq: 17 Mar 2022 17:18

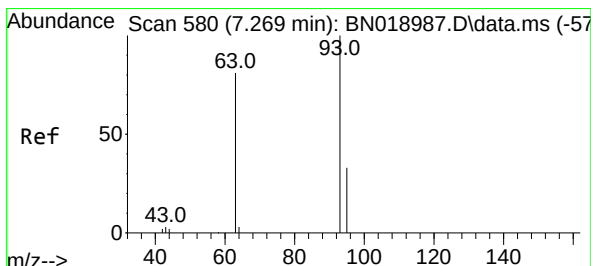
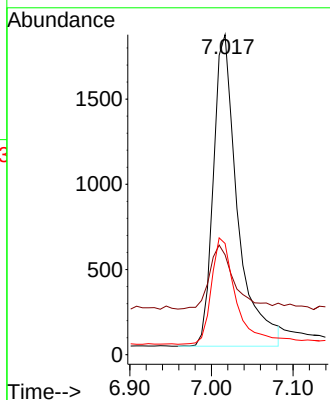
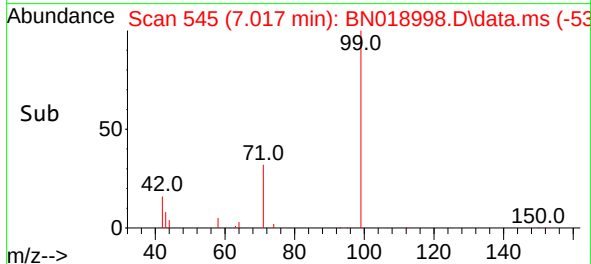
Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022



Tgt Ion: 99 Resp: 3764
Ion Ratio Lower Upper
99 100
42 20.9 16.2 24.4
71 34.6 27.7 41.5

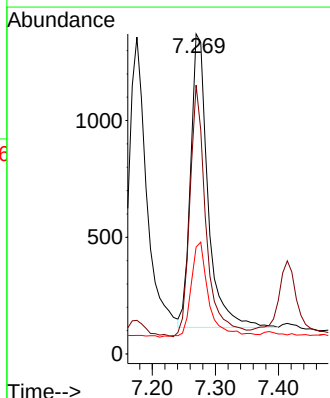
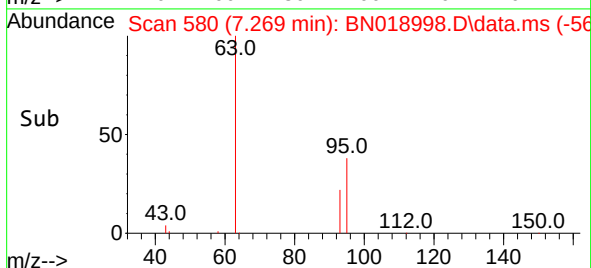
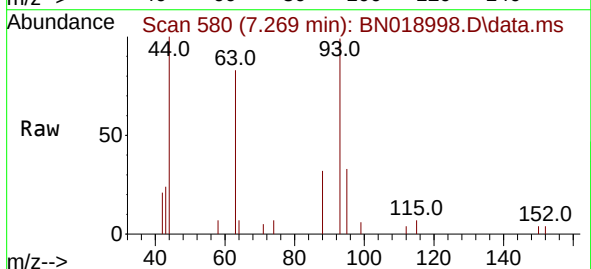
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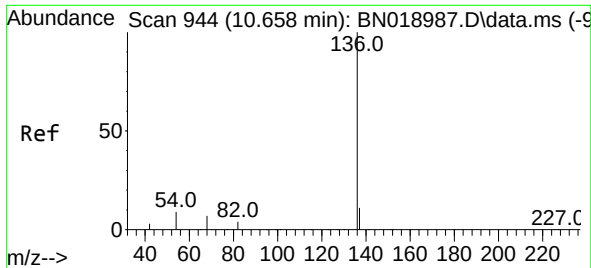
Reviewed By :Christian Giraldo 03/18/2022
Supervised By :Jagrut Upadhyay 03/18/2022



#6
bis(2-Chloroethyl)ether
Concen: 0.186 ng
RT: 7.269 min Scan# 580
Delta R.T. 0.000 min
Lab File: BN018998.D
Acq: 17 Mar 2022 17:18

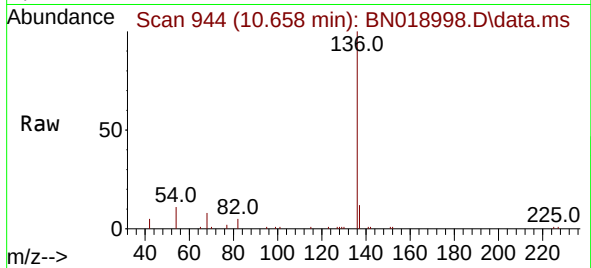
Tgt Ion: 93 Resp: 2402
Ion Ratio Lower Upper
93 100
63 80.3 62.8 94.2
95 33.6 26.2 39.4





#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.658 min Scan# 944
Delta R.T. 0.000 min
Lab File: BN018998.D
Acq: 17 Mar 2022 17:18

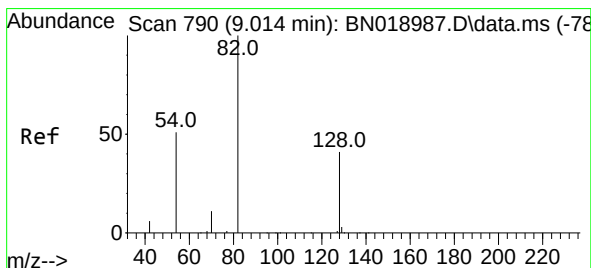
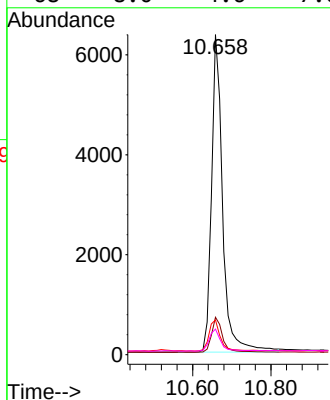
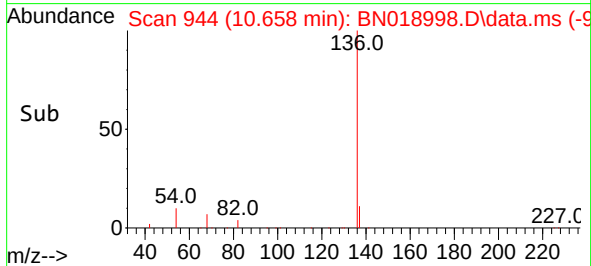
Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022



Tgt Ion:136 Resp: 12540
Ion Ratio Lower Upper
136 100
137 11.7 9.0 13.4
54 10.9 5.8 8.6
68 8.0 4.6 7.0#

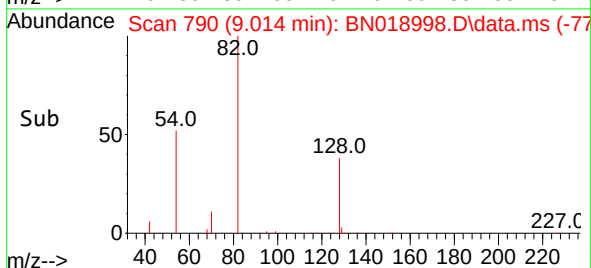
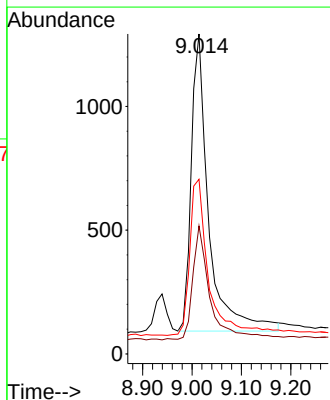
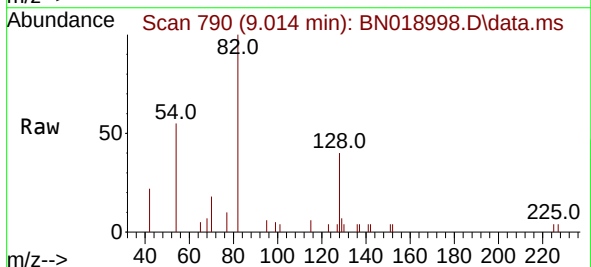
Manual Integrations
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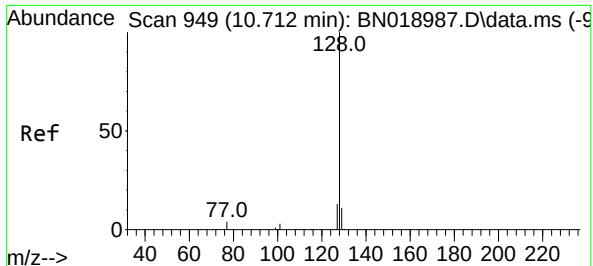
Reviewed By :Christian Giraldo 03/18/2022
Supervised By :Jagrut Upadhyay 03/18/2022



#8
Nitrobenzene-d5
Concen: 0.325 ng
RT: 9.014 min Scan# 790
Delta R.T. 0.000 min
Lab File: BN018998.D
Acq: 17 Mar 2022 17:18

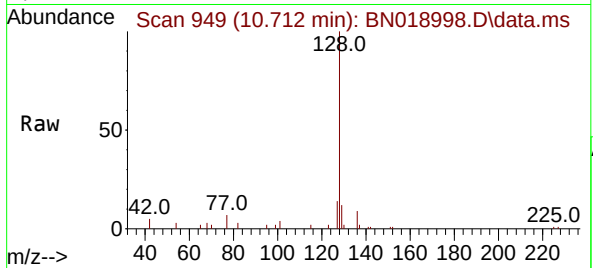
Tgt Ion: 82 Resp: 2943
Ion Ratio Lower Upper
82 100
128 40.0 33.0 49.6
54 54.6 42.5 63.7





#9
Naphthalene
Concen: 0.190 ng
RT: 10.712 min Scan# 949
Delta R.T. 0.000 min
Lab File: BN018998.D
Acq: 17 Mar 2022 17:18

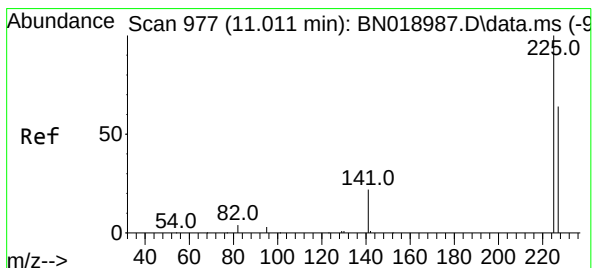
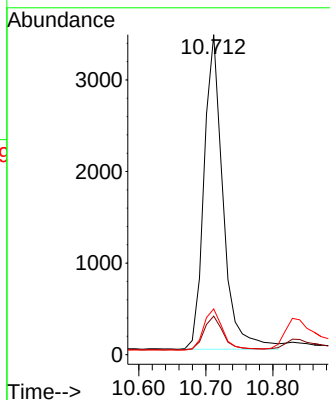
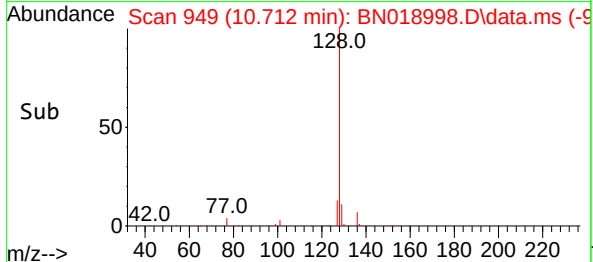
Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022



Tgt Ion:128 Resp: 6780
Ion Ratio Lower Upper
128 100
129 12.0 9.0 13.4
127 14.3 10.7 16.1

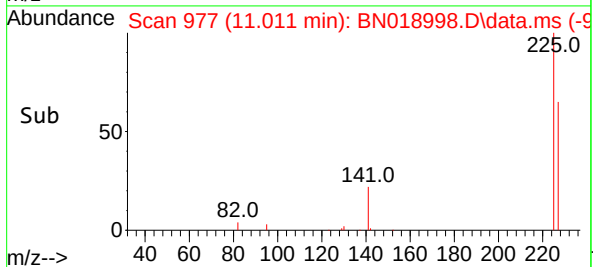
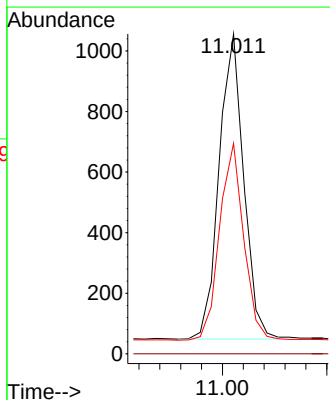
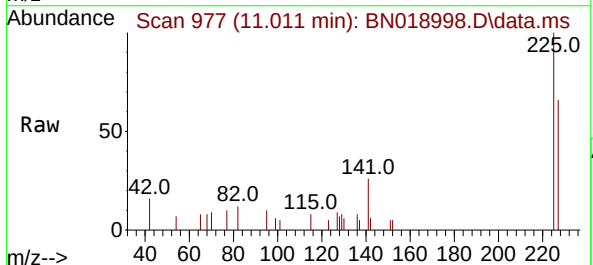
Manual Integrations
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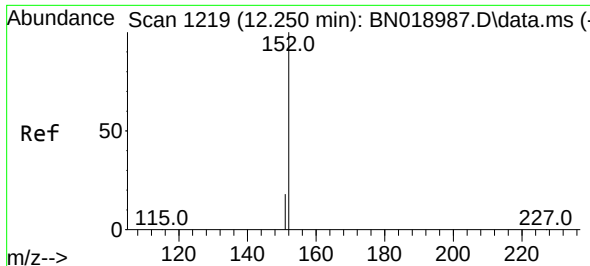
Reviewed By :Christian Giraldo 03/18/2022
Supervised By :Jagrut Upadhyay 03/18/2022



#10
Hexachlorobutadiene
Concen: 0.189 ng
RT: 11.011 min Scan# 977
Delta R.T. 0.000 min
Lab File: BN018998.D
Acq: 17 Mar 2022 17:18

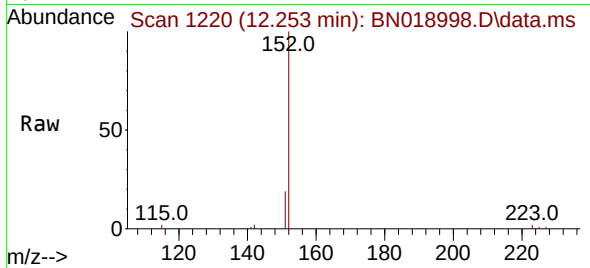
Tgt Ion:225 Resp: 1648
Ion Ratio Lower Upper
225 100
223 0.0 0.0 0.0
227 63.6 51.0 76.6





#11
2-Methylnaphthalene-d10
Concen: 0.336 ng
RT: 12.253 min Scan# 11
Delta R.T. 0.004 min
Lab File: BN018998.D
Acq: 17 Mar 2022 17:18

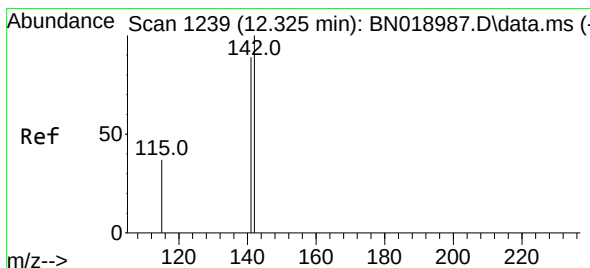
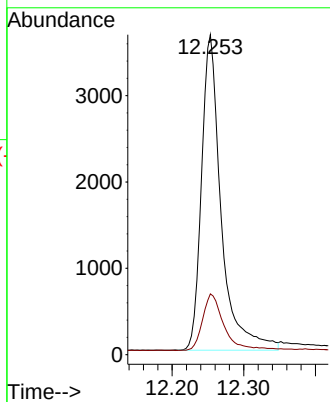
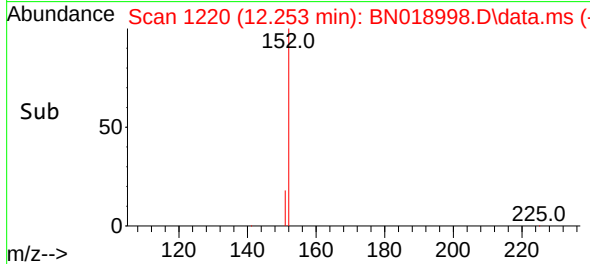
Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022



Tgt Ion:152 Resp: 6990
Ion Ratio Lower Upper
152 100
151 19.9 16.5 24.7

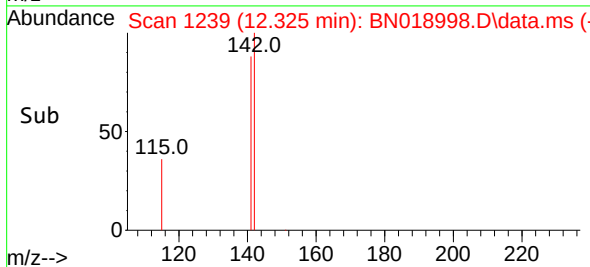
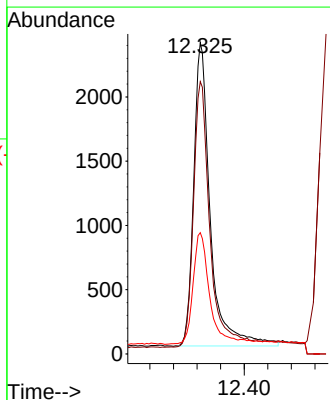
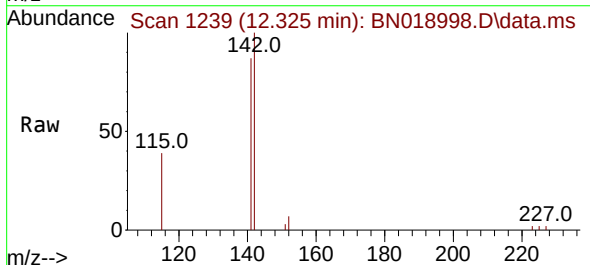
Manual Integrations
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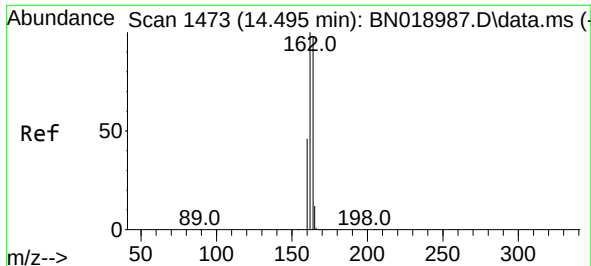
Reviewed By :Christian Giraldo 03/18/2022
Supervised By :Jagrut Upadhyay 03/18/2022



#12
2-Methylnaphthalene
Concen: 0.191 ng
RT: 12.325 min Scan# 1239
Delta R.T. 0.000 min
Lab File: BN018998.D
Acq: 17 Mar 2022 17:18

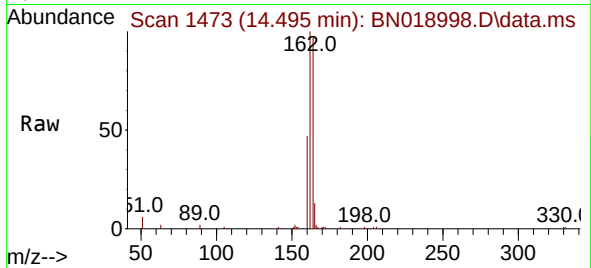
Tgt Ion:142 Resp: 4633
Ion Ratio Lower Upper
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141 87.5 70.0 105.0
115 38.9 29.8 44.8





#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.495 min Scan# 1473
Delta R.T. 0.000 min
Lab File: BN018998.D
Acq: 17 Mar 2022 17:18

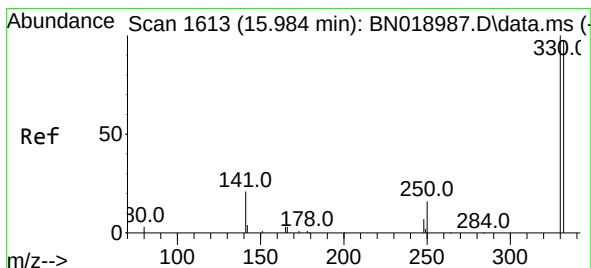
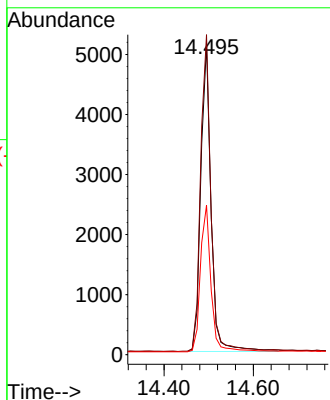
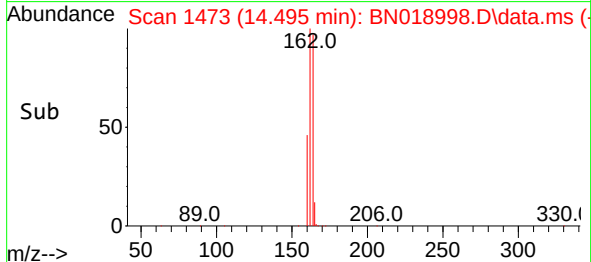
Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022



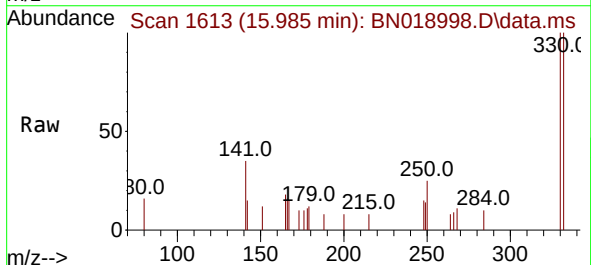
Tgt Ion:164 Resp: 816
Ion Ratio Lower Upper
164 100
162 103.2 85.2 127.8
160 48.2 41.5 62.3

Manual Integrations
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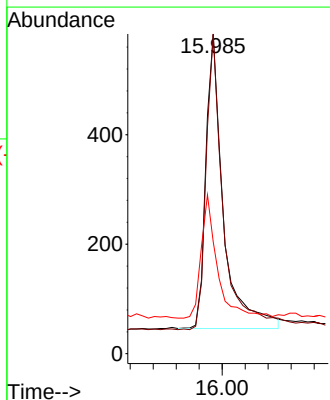
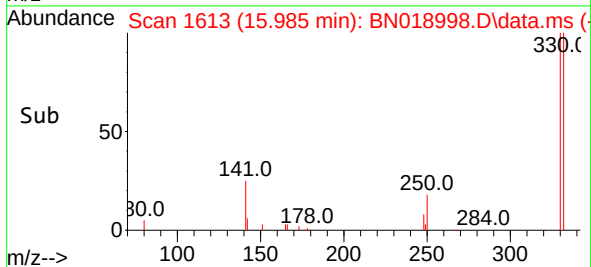
Reviewed By :Christian Giraldo 03/18/2022
Supervised By :Jagrut Upadhyay 03/18/2022

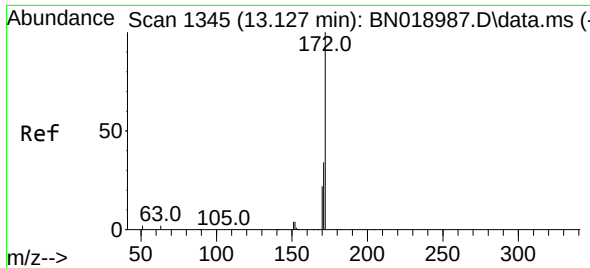


#14
2,4,6-Tribromophenol
Concen: 0.290 ng
RT: 15.985 min Scan# 1613
Delta R.T. 0.000 min
Lab File: BN018998.D
Acq: 17 Mar 2022 17:18



Tgt Ion:330 Resp: 1143
Ion Ratio Lower Upper
330 100
332 98.6 76.8 115.2
141 38.7 32.2 48.2





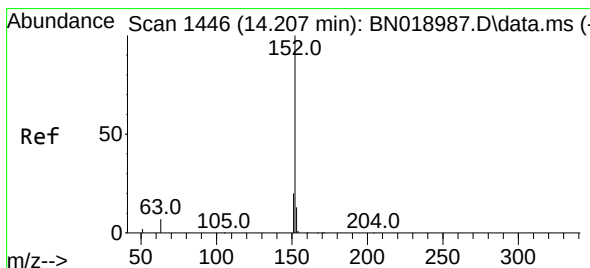
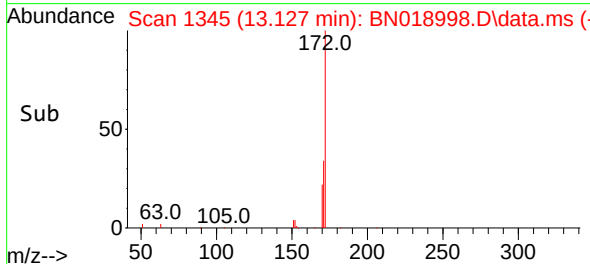
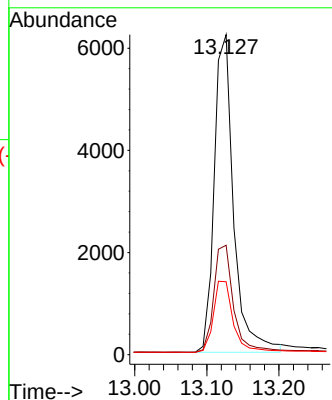
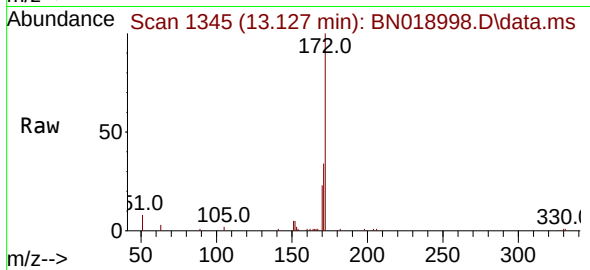
#15
2-Fluorobiphenyl
Concen: 0.354 ng
RT: 13.127 min Scan# 1160
Delta R.T. 0.000 min
Lab File: BN018998.D
Acq: 17 Mar 2022 17:18

Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022

Tgt Ion:172 Resp: 1160
Ion Ratio Lower Upper
172 100
171 34.2 28.2 42.2
170 22.8 18.7 28.1

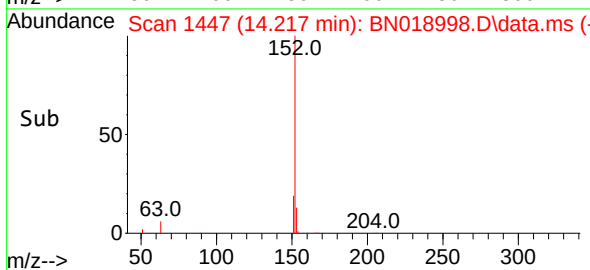
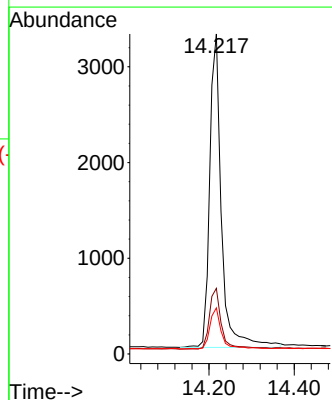
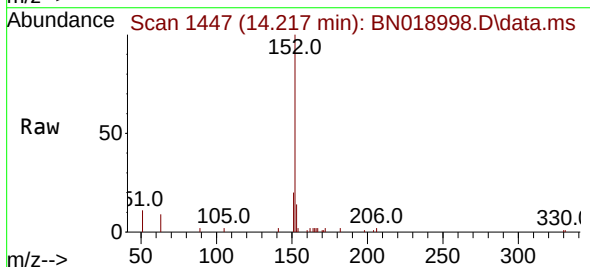
Manual Integrations
APPROVED

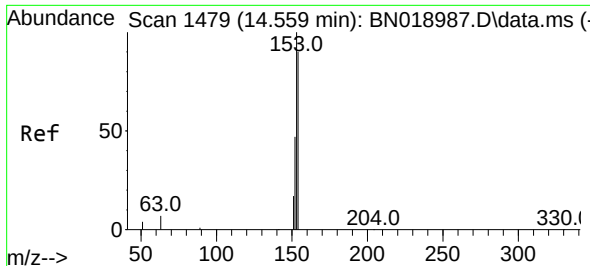
Reviewed By :Christian Giraldo 03/18/2022
Supervised By :Jagrut Upadhyay 03/18/2022



#16
Acenaphthylene
Concen: 0.165 ng
RT: 14.217 min Scan# 1447
Delta R.T. 0.011 min
Lab File: BN018998.D
Acq: 17 Mar 2022 17:18

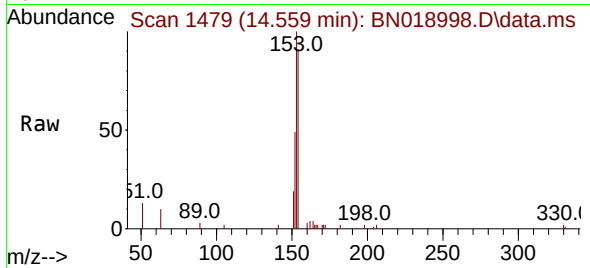
Tgt Ion:152 Resp: 6244
Ion Ratio Lower Upper
152 100
151 20.1 15.9 23.9
153 12.8 10.6 15.8





#17
Acenaphthene
Concen: 0.180 ng
RT: 14.559 min Scan# 1479
Delta R.T. 0.000 min
Lab File: BN018998.D
Acq: 17 Mar 2022 17:18

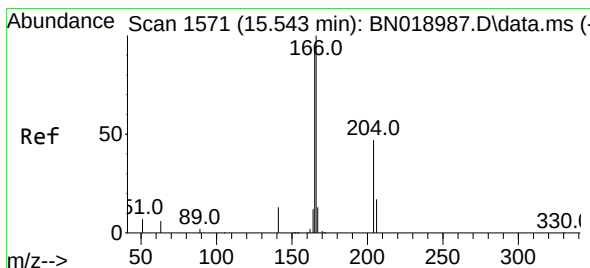
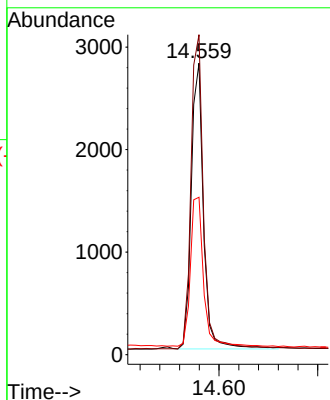
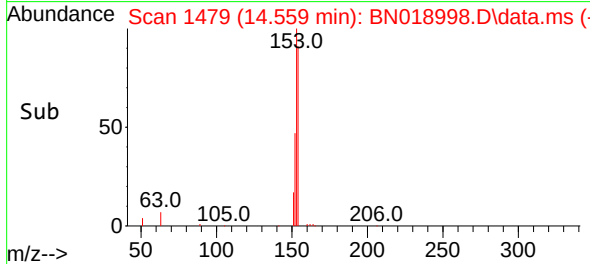
Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022



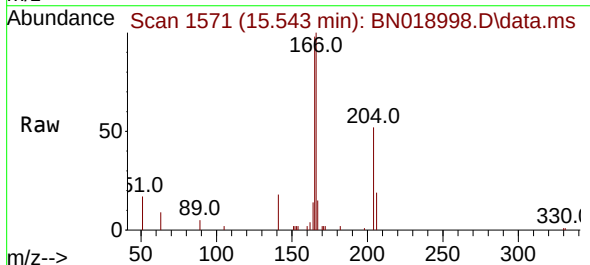
Tgt Ion:154 Resp: 4780
Ion Ratio Lower Upper
154 100
153 112.4 89.7 134.5
152 56.1 44.7 67.1

Manual Integrations
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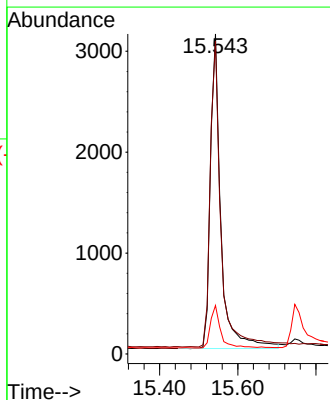
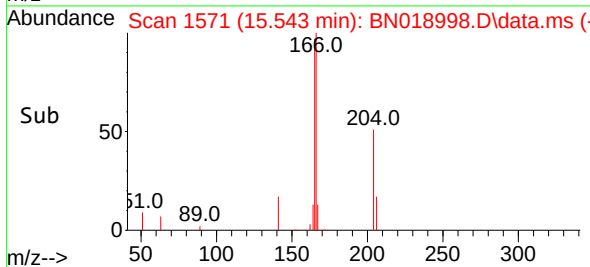
Reviewed By :Christian Giraldo 03/18/2022
Supervised By :Jagrut Upadhyay 03/18/2022

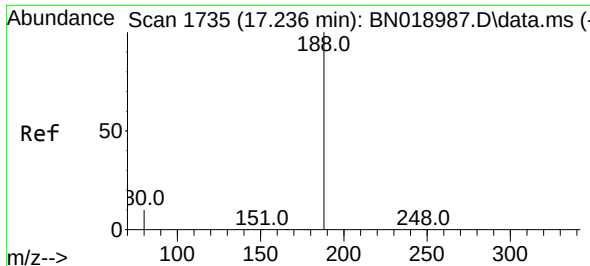


#18
Fluorene
Concen: 0.174 ng
RT: 15.543 min Scan# 1571
Delta R.T. 0.000 min
Lab File: BN018998.D
Acq: 17 Mar 2022 17:18



Tgt Ion:166 Resp: 5822
Ion Ratio Lower Upper
166 100
165 98.2 79.2 118.8
167 13.2 10.7 16.1





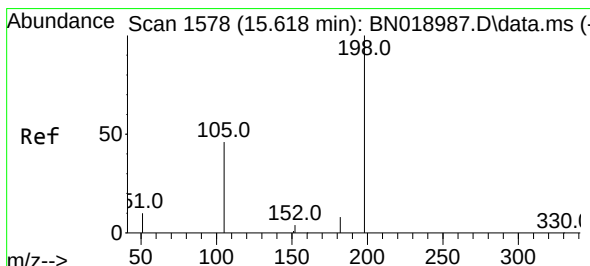
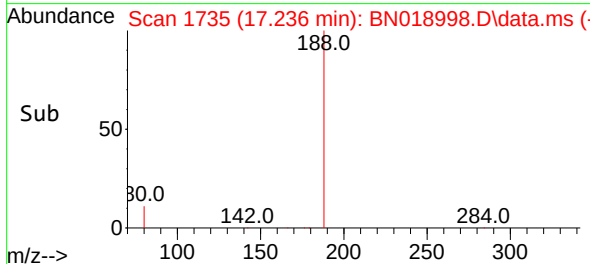
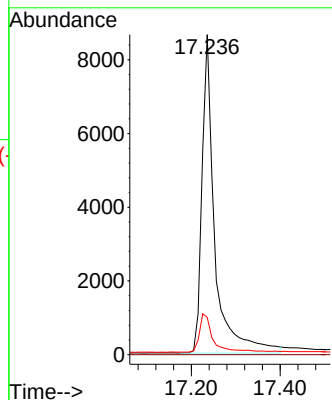
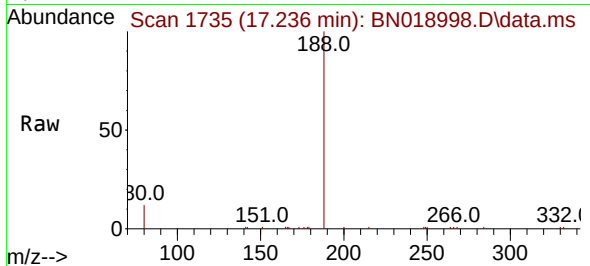
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.236 min Scan# 1735
Delta R.T. -0.000 min
Lab File: BN018998.D
Acq: 17 Mar 2022 17:18

Instrument : BNA_N
ClientSampleId : LOD-MDL-SOIL-01-QT1-2022

Tgt Ion:188 Resp: 1721
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.6 11.8 17.8

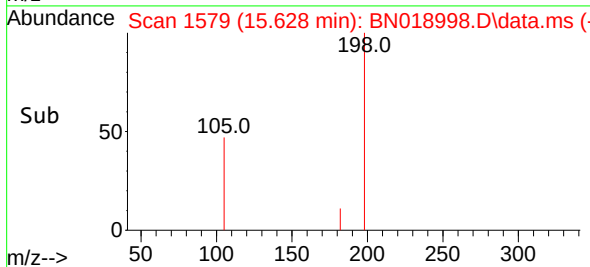
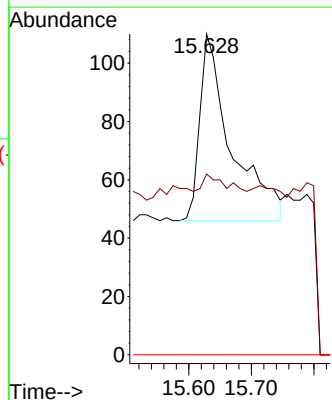
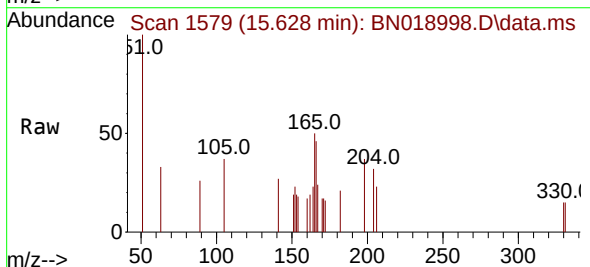
Manual Integrations
APPROVED

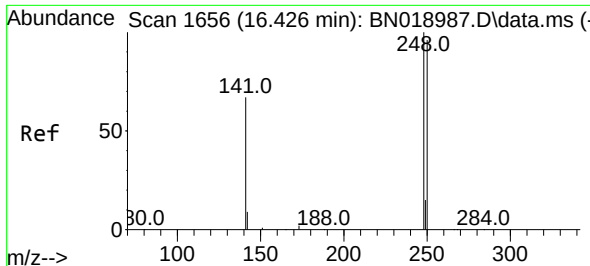
Reviewed By :Christian Giraldo 03/18/2022
Supervised By :Jagrut Upadhyay 03/18/2022



#20
4,6-Dinitro-2-methylphenol
Concen: 0.105 ng
RT: 15.628 min Scan# 1579
Delta R.T. 0.010 min
Lab File: BN018998.D
Acq: 17 Mar 2022 17:18

Tgt Ion:198 Resp: 224
Ion Ratio Lower Upper
198 100
182 56.4 13.0 19.4#
77 0.0 0.0 0.0





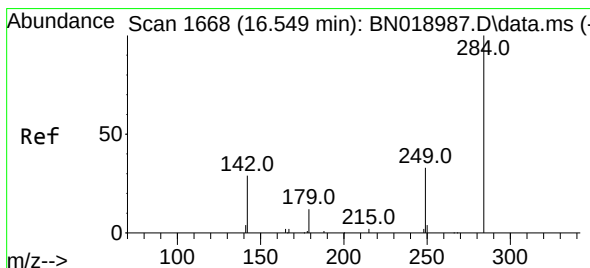
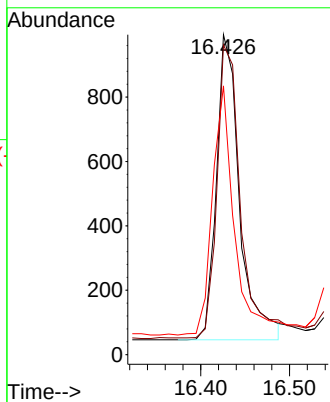
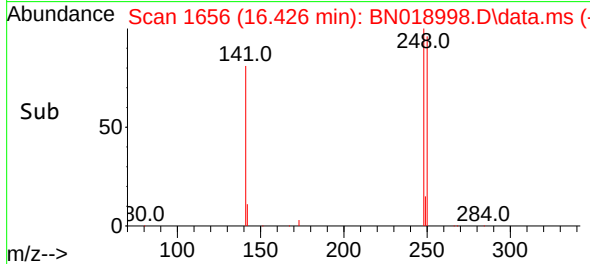
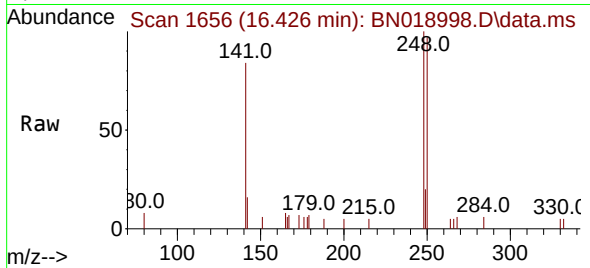
#21
4-Bromophenyl-phenylether
Concen: 0.158 ng
RT: 16.426 min Scan# 1656
Delta R.T. 0.000 min
Lab File: BN018998.D
Acq: 17 Mar 2022 17:18

Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022

Tgt Ion:248 Resp: 171
Ion Ratio Lower Upper
248 100
250 96.8 80.7 121.1
141 84.0 39.6 59.4

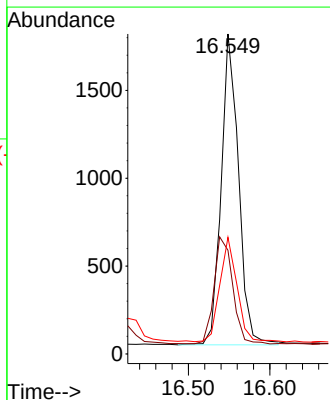
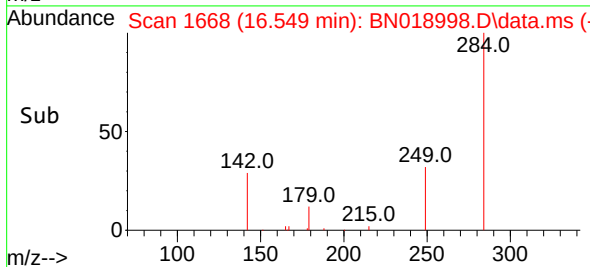
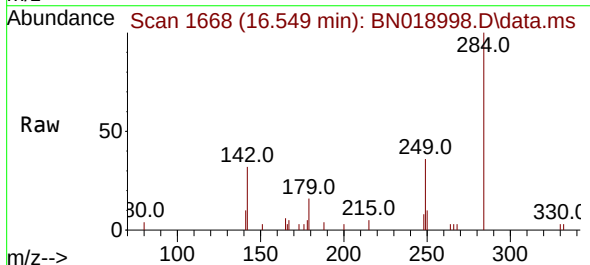
Manual Integrations
APPROVED

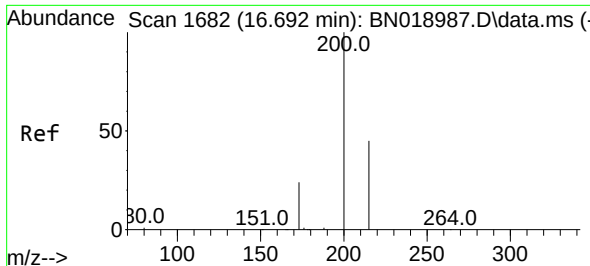
Reviewed By :Christian Giraldo 03/18/2022
Supervised By :Jagrut Upadhyay 03/18/2022



#22
Hexachlorobenzene
Concen: 0.187 ng
RT: 16.549 min Scan# 1668
Delta R.T. 0.000 min
Lab File: BN018998.D
Acq: 17 Mar 2022 17:18

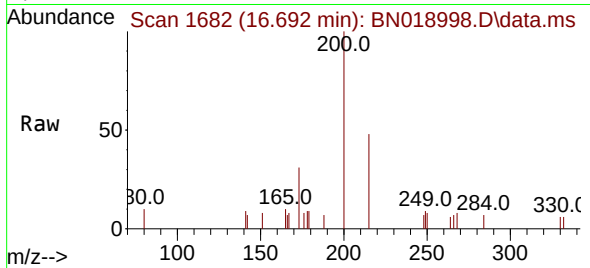
Tgt Ion:284 Resp: 2614
Ion Ratio Lower Upper
284 100
142 37.0 29.8 44.8
249 33.1 26.2 39.2





#23
Atrazine
Concen: 0.159 ng
RT: 16.692 min Scan# 1682
Delta R.T. 0.000 min
Lab File: BN018998.D
Acq: 17 Mar 2022 17:18

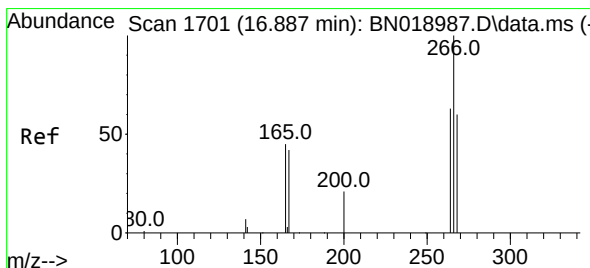
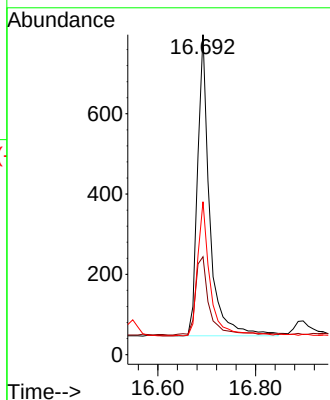
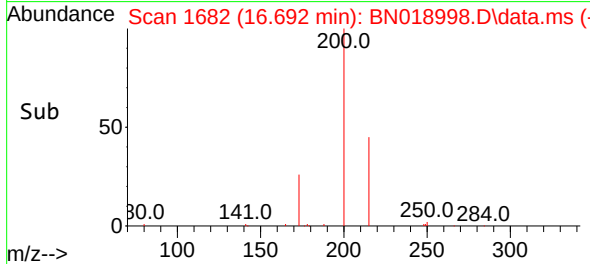
Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022



Tgt Ion:200 Resp: 129
Ion Ratio Lower Upper
200 100
173 30.6 23.9 35.9
215 47.8 36.6 54.8

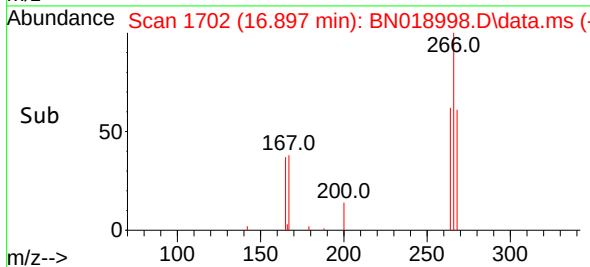
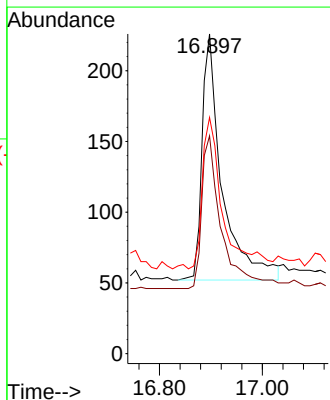
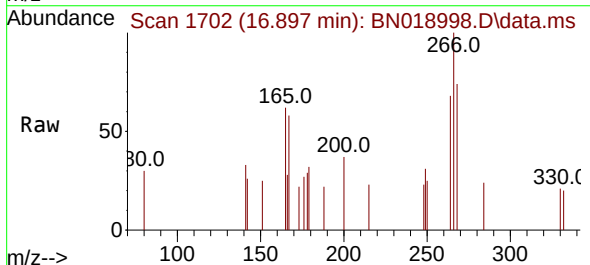
Manual Integrations
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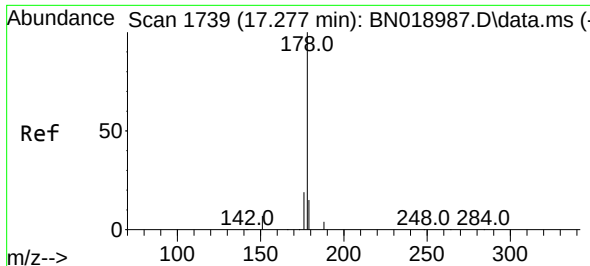
Reviewed By :Christian Giraldo 03/18/2022
Supervised By :Jagrut Upadhyay 03/18/2022



#24
Pentachlorophenol
Concen: 0.110 ng
RT: 16.897 min Scan# 1702
Delta R.T. 0.010 min
Lab File: BN018998.D
Acq: 17 Mar 2022 17:18

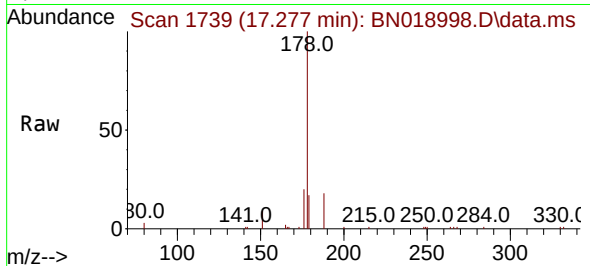
Tgt Ion:266 Resp: 471
Ion Ratio Lower Upper
266 100
264 61.4 50.2 75.4
268 62.8 51.9 77.9





#25
Phenanthrene
Concen: 0.171 ng
RT: 17.277 min Scan# 1739
Delta R.T. 0.000 min
Lab File: BN018998.D
Acq: 17 Mar 2022 17:18

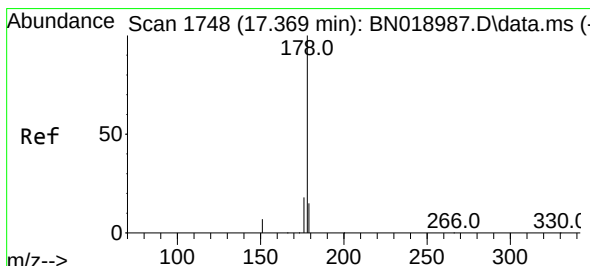
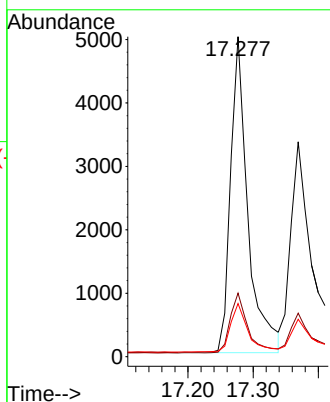
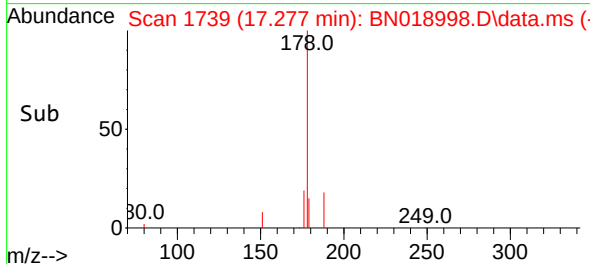
Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022



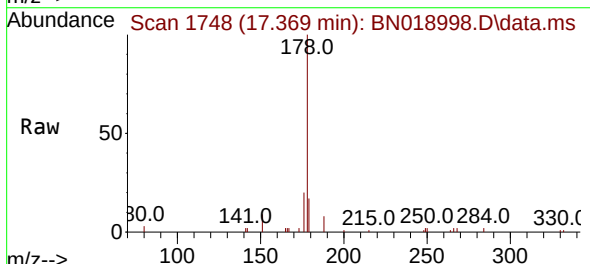
Tgt Ion:178 Resp: 920
Ion Ratio Lower Upper
178 100
176 19.1 15.4 23.0
179 16.1 12.2 18.2

Manual Integrations
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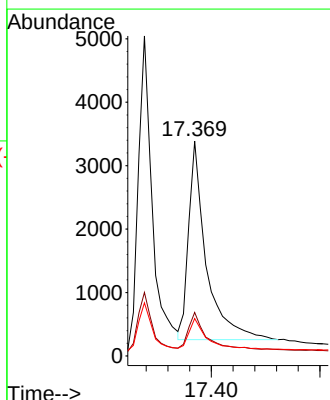
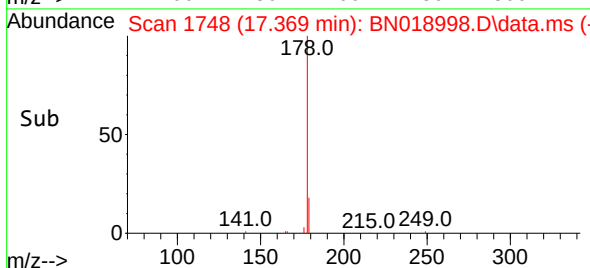
Reviewed By :Christian Giraldo 03/18/2022
Supervised By :Jagrut Upadhyay 03/18/2022

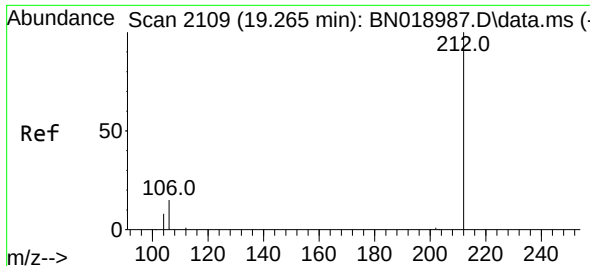


#26
Anthracene
Concen: 0.155 ng
RT: 17.369 min Scan# 1748
Delta R.T. 0.000 min
Lab File: BN018998.D
Acq: 17 Mar 2022 17:18



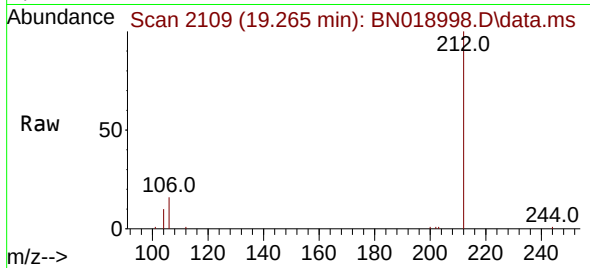
Tgt Ion:178 Resp: 7074
Ion Ratio Lower Upper
178 100
176 18.4 14.8 22.2
179 15.4 12.2 18.4





#27
Fluoranthene-d10
Concen: 0.345 ng
RT: 19.265 min Scan# 2109
Delta R.T. 0.000 min
Lab File: BN018998.D
Acq: 17 Mar 2022 17:18

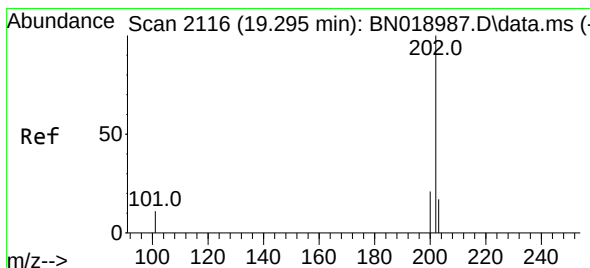
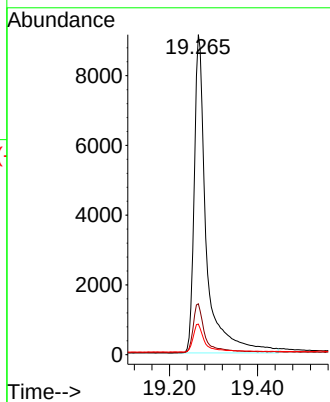
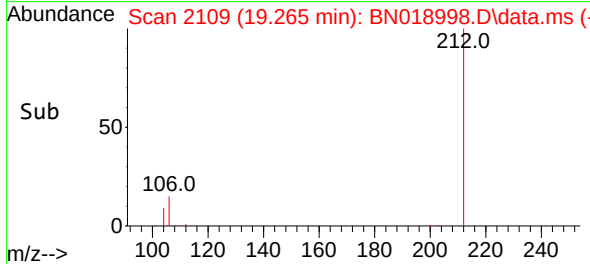
Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022



Tgt Ion:212 Resp: 1761
Ion Ratio Lower Upper
212 100
106 15.3 12.7 19.1
104 8.1 7.1 10.7

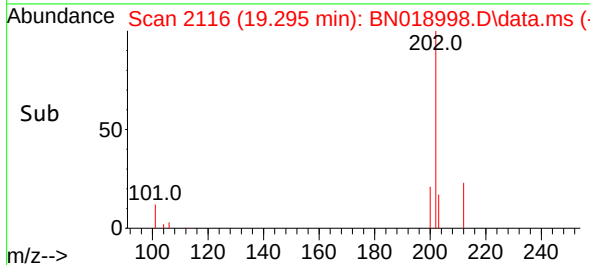
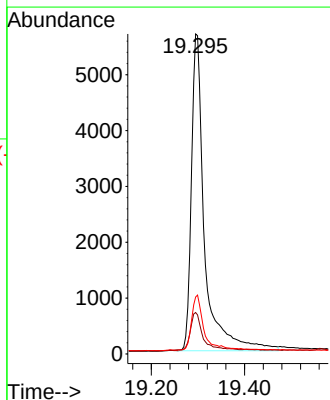
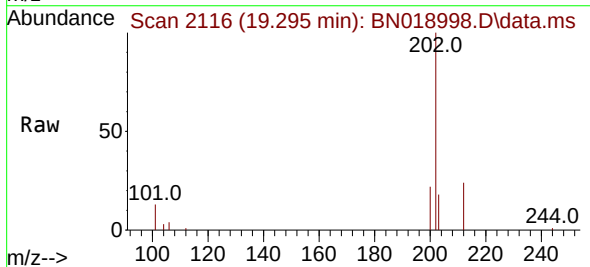
Manual Integrations
APPROVED

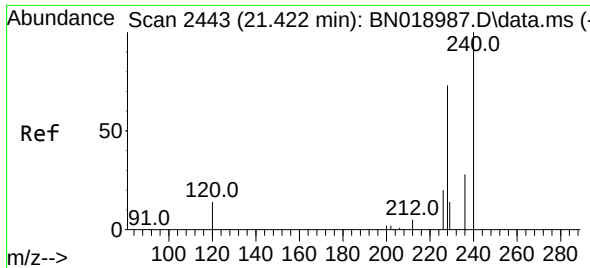
Reviewed By :Christian Giraldo 03/18/2022
Supervised By :Jagrut Upadhyay 03/18/2022



#28
Fluoranthene
Concen: 0.176 ng
RT: 19.295 min Scan# 2116
Delta R.T. 0.000 min
Lab File: BN018998.D
Acq: 17 Mar 2022 17:18

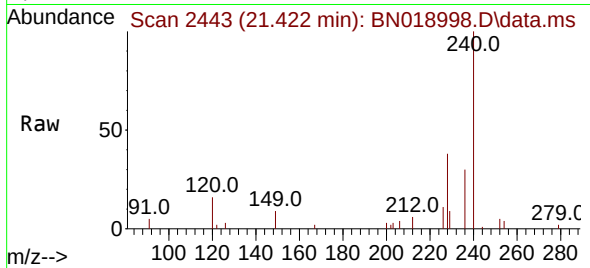
Tgt Ion:202 Resp: 11132
Ion Ratio Lower Upper
202 100
101 12.0 9.8 14.6
203 16.7 13.7 20.5





#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.422 min Scan# 2443
Delta R.T. 0.000 min
Lab File: BN018998.D
Acq: 17 Mar 2022 17:18

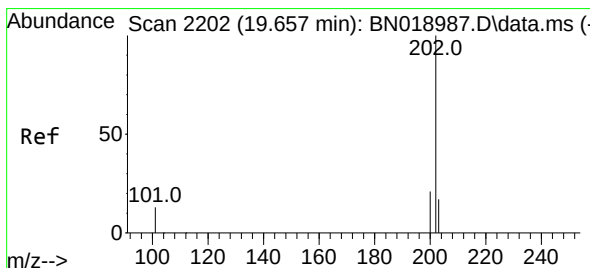
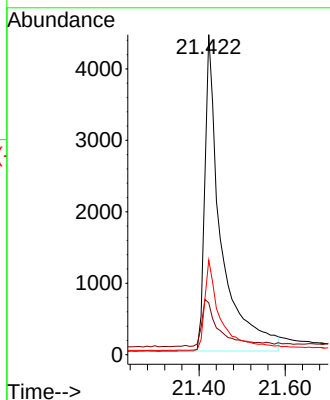
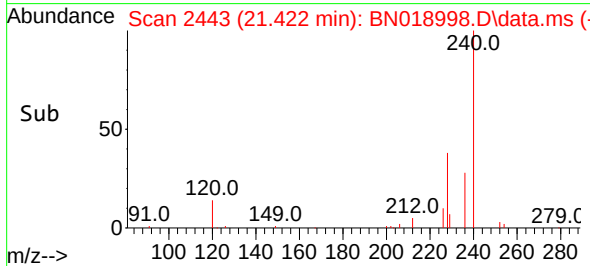
Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022



Tgt Ion:240 Resp: 11589
Ion Ratio Lower Upper
240 100
120 16.2 8.5 12.7
236 29.5 22.4 33.6

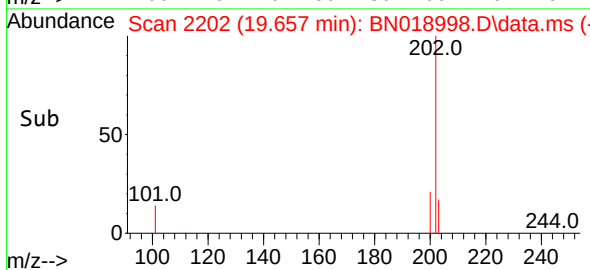
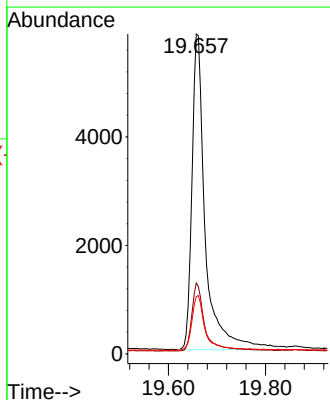
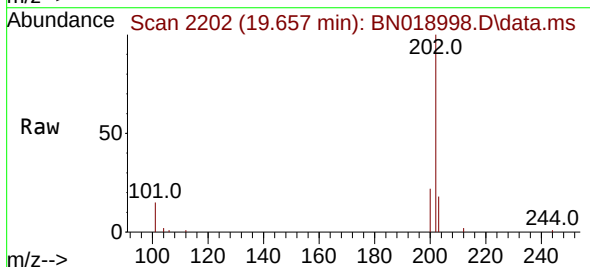
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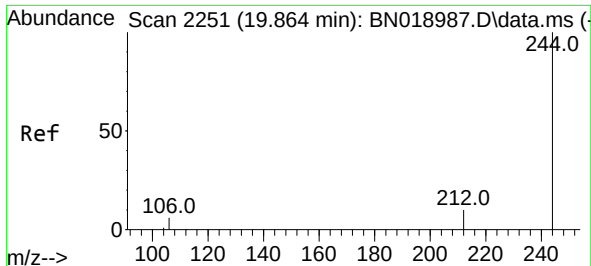
Reviewed By :Christian Giraldo 03/18/2022
Supervised By :Jagrut Upadhyay 03/18/2022



#30
Pyrene
Concen: 0.193 ng
RT: 19.657 min Scan# 2202
Delta R.T. 0.000 min
Lab File: BN018998.D
Acq: 17 Mar 2022 17:18

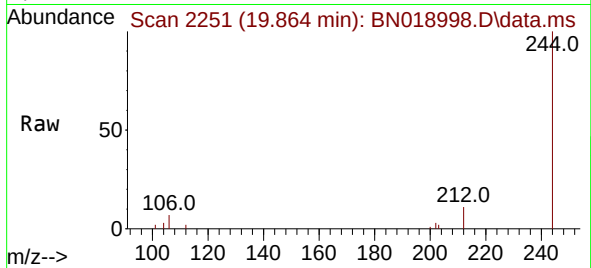
Tgt Ion:202 Resp: 11161
Ion Ratio Lower Upper
202 100
200 21.0 16.9 25.3
203 17.5 14.2 21.2





#31
 Terphenyl-d14
 Concen: 0.379 ng
 RT: 19.864 min Scan# 211
 Delta R.T. 0.000 min
 Lab File: BN018998.D
 Acq: 17 Mar 2022 17:18

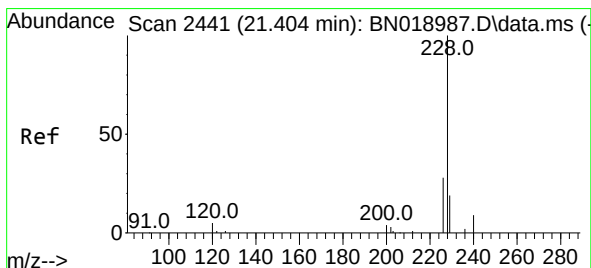
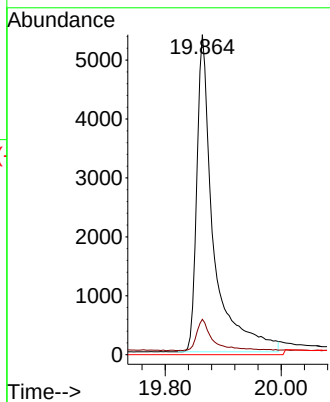
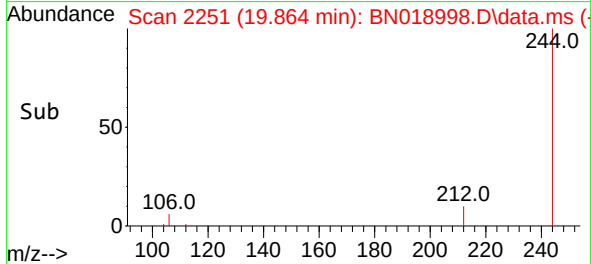
Instrument :
 BNA_N
 ClientSampleId :
 LOD-MDL-SOIL-01-QT1-2022



Tgt Ion:244 Resp: 10779
 Ion Ratio Lower Upper
 244 100
 212 11.0 8.2 12.4
 122 0.0 0.0 0.0

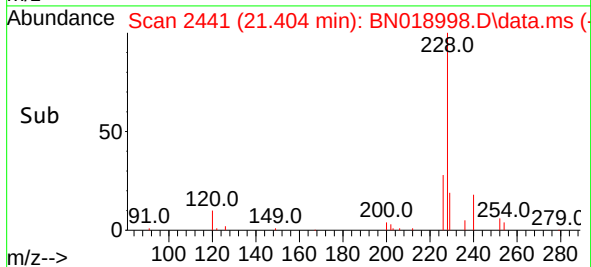
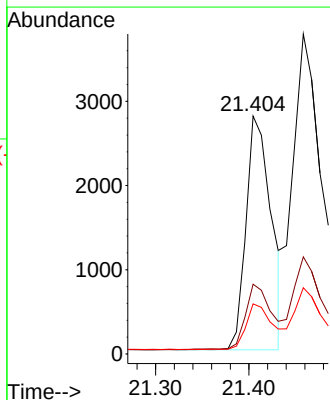
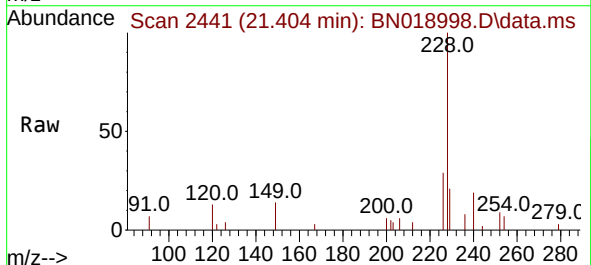
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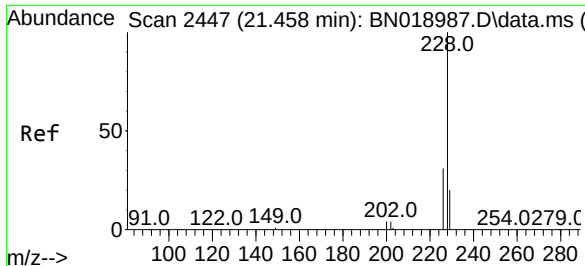
Reviewed By :Christian Giraldo 03/18/2022
 Supervised By :Jagrut Upadhyay 03/18/2022



#32
 Benzo(a)anthracene
 Concen: 0.146 ng
 RT: 21.404 min Scan# 2441
 Delta R.T. 0.000 min
 Lab File: BN018998.D
 Acq: 17 Mar 2022 17:18

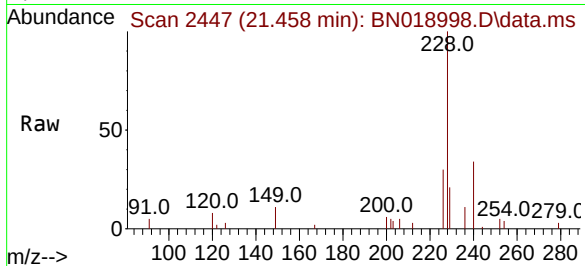
Tgt Ion:228 Resp: 5201
 Ion Ratio Lower Upper
 228 100
 226 29.3 21.9 32.9
 229 21.0 16.0 24.0





#33
Chrysene
Concen: 0.188 ng
RT: 21.458 min Scan# 2447
Delta R.T. 0.000 min
Lab File: BN018998.D
Acq: 17 Mar 2022 17:18

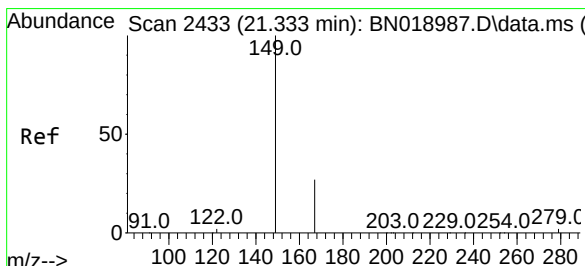
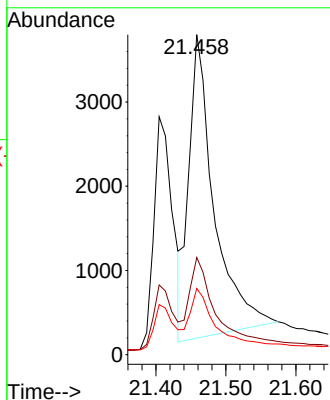
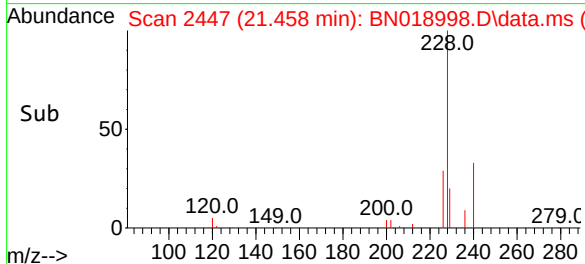
Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022



Tgt Ion: 228 Resp: 9040
Ion Ratio Lower Upper
228 100
226 30.3 24.0 36.0
229 20.7 15.9 23.9

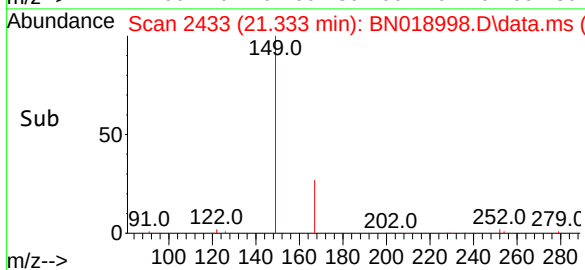
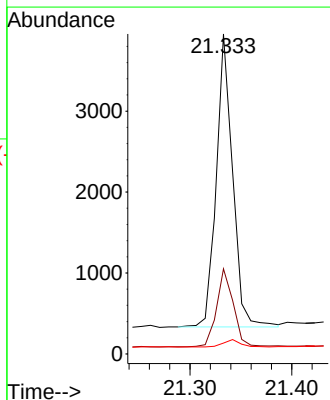
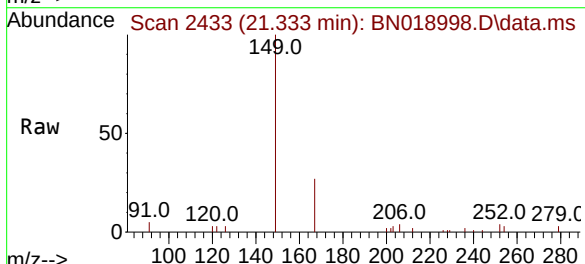
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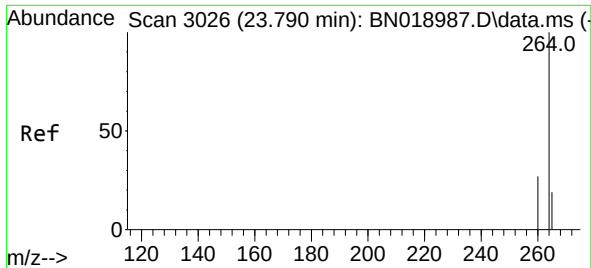
Reviewed By : Christian Giraldo 03/18/2022
Supervised By : Jagrut Upadhyay 03/18/2022



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.170 ng
RT: 21.333 min Scan# 2433
Delta R.T. 0.000 min
Lab File: BN018998.D
Acq: 17 Mar 2022 17:18

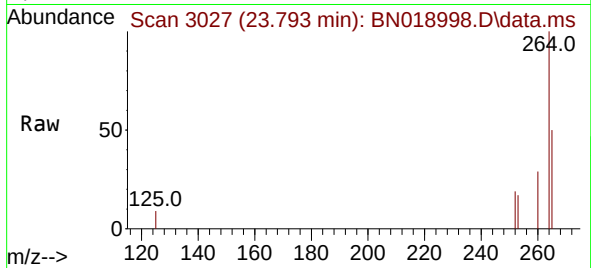
Tgt Ion: 149 Resp: 4031
Ion Ratio Lower Upper
149 100
167 27.6 21.8 32.8
279 2.7 2.0 3.0





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.793 min Scan# 3026
Delta R.T. 0.003 min
Lab File: BN018998.D
Acq: 17 Mar 2022 17:18

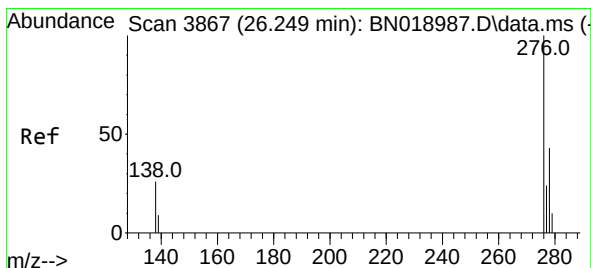
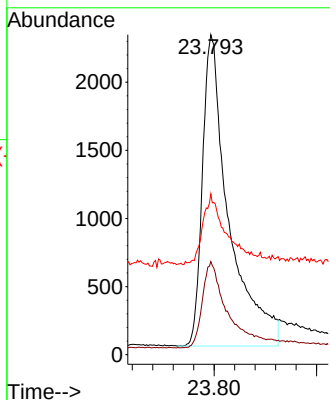
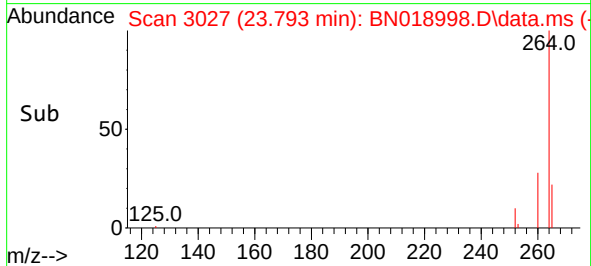
Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022



Tgt Ion:264 Resp: 8160
Ion Ratio Lower Upper
264 100
260 29.1 22.4 33.6
265 50.3 25.3 37.9

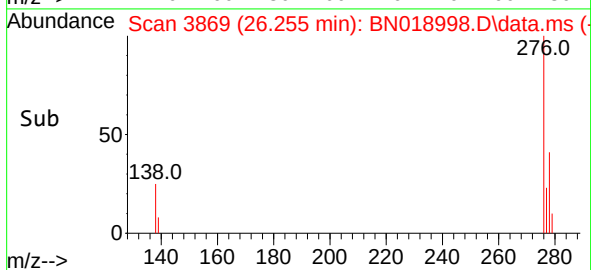
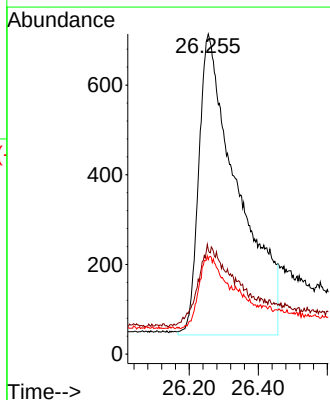
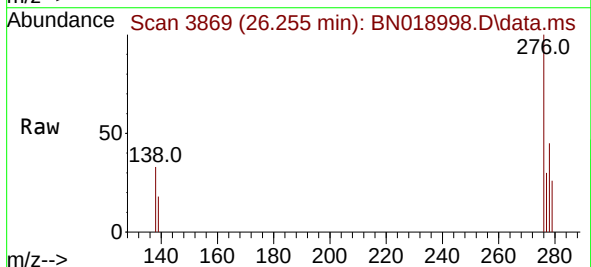
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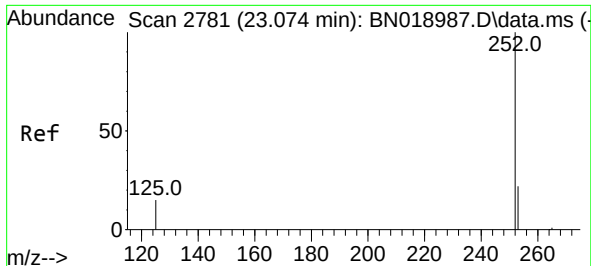
Reviewed By :Christian Giraldo 03/18/2022
Supervised By :Jagrut Upadhyay 03/18/2022



#36
Indeno(1,2,3-cd)pyrene
Concen: 0.178 ng m
RT: 26.255 min Scan# 3869
Delta R.T. 0.006 min
Lab File: BN018998.D
Acq: 17 Mar 2022 17:18

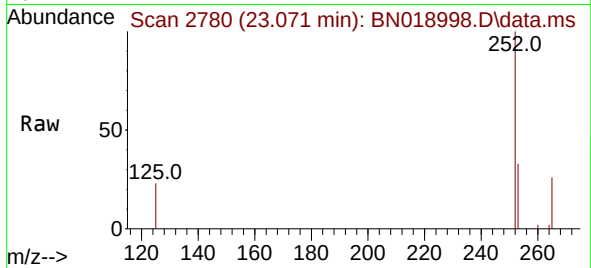
Tgt Ion:276 Resp: 5244
Ion Ratio Lower Upper
276 100
138 8.4 24.5 36.7#
277 15.0 19.8 29.8#





#37
Benzo(b)fluoranthene
Concen: 0.177 ng
RT: 23.071 min Scan# 2781
Delta R.T. -0.003 min
Lab File: BN018998.D
Acq: 17 Mar 2022 17:18

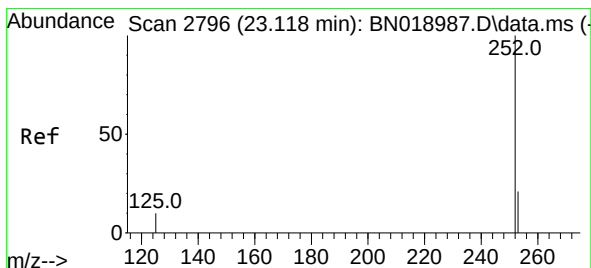
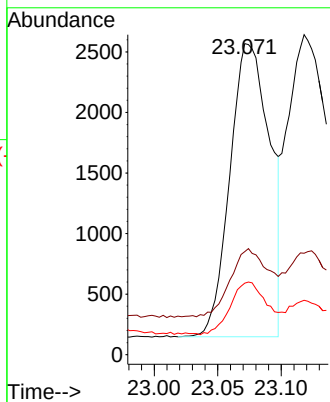
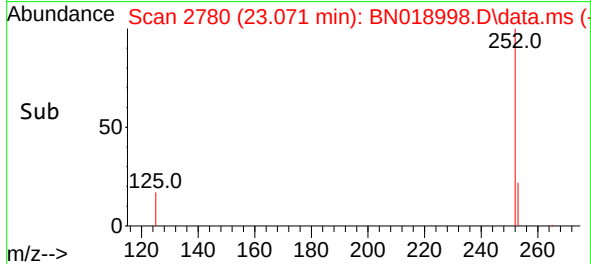
Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022



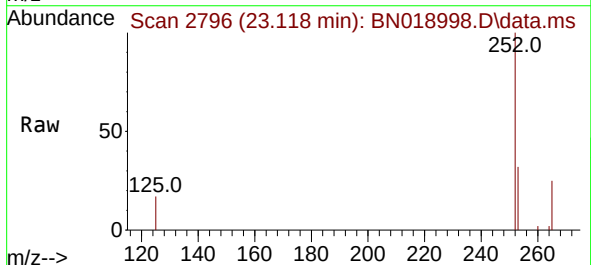
Tgt Ion:252 Resp: 5280
Ion Ratio Lower Upper
252 100
253 33.1 18.9 28.3#
125 23.0 12.1 18.1#

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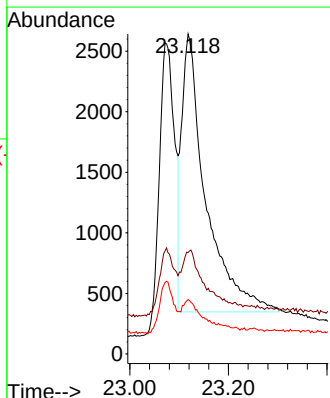
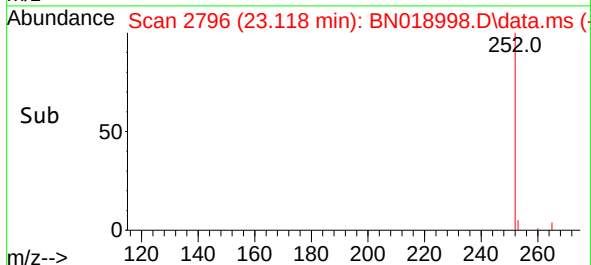
Reviewed By :Christian Giraldo 03/18/2022
Supervised By :Jagrut Upadhyay 03/18/2022

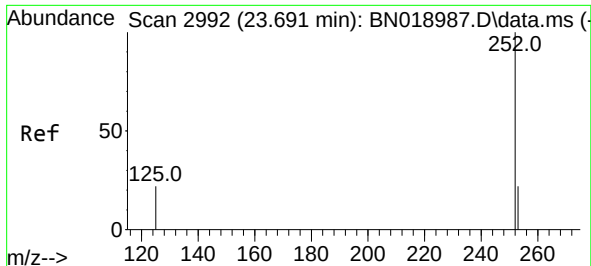


#38
Benzo(k)fluoranthene
Concen: 0.191 ng m
RT: 23.118 min Scan# 2796
Delta R.T. 0.000 min
Lab File: BN018998.D
Acq: 17 Mar 2022 17:18



Tgt Ion:252 Resp: 7802
Ion Ratio Lower Upper
252 100
253 31.7 18.9 28.3#
125 17.0 10.3 15.5#





#39

Benzo(a)pyrene

Concen: 0.201 ng

RT: 23.694 min Scan# 2992

Delta R.T. 0.003 min

Lab File: BN018998.D

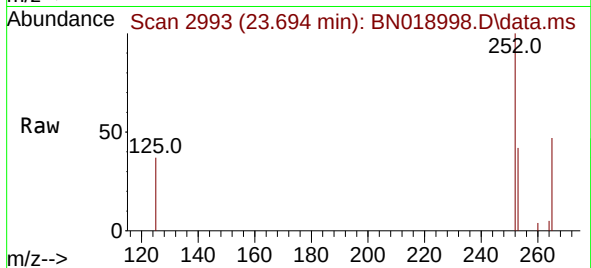
Acq: 17 Mar 2022 17:18

Instrument :

BN018998.D

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2022



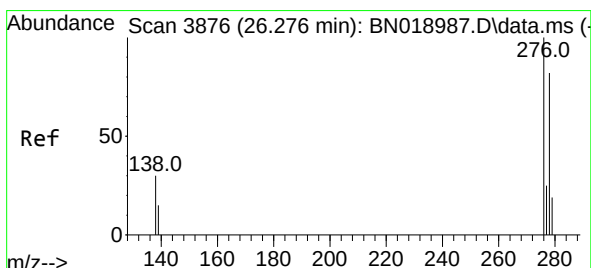
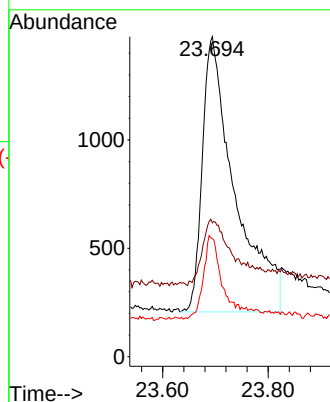
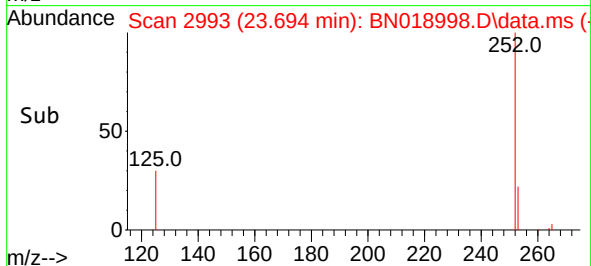
Tgt Ion:	252	Resp:	544
Ion Ratio	Lower	Upper	
252	100		
253	41.9	20.1	30.1
125	36.9	15.2	22.8

Manual Integrations

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Reviewed By :Christian Giraldo 03/18/2022

Supervised By :Jagrut Upadhyay 03/18/2022



#40

Dibenzo(a,h)anthracene

Concen: 0.177 ng m

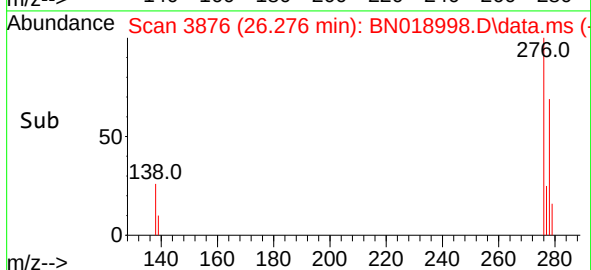
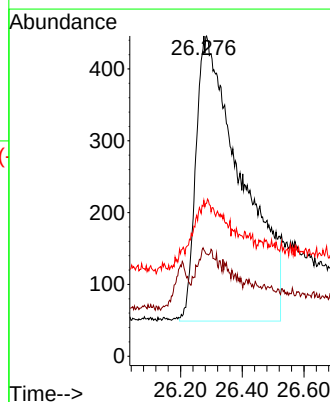
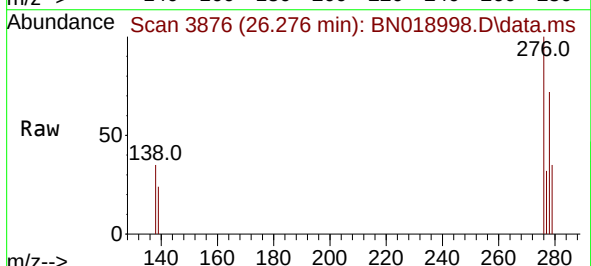
RT: 26.276 min Scan# 3876

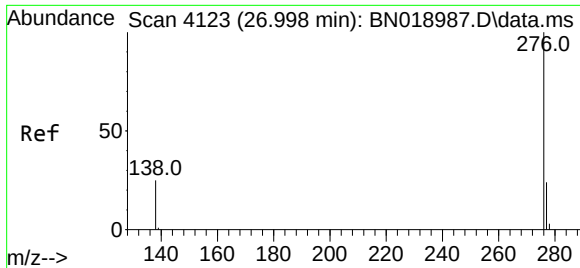
Delta R.T. 0.000 min

Lab File: BN018998.D

Acq: 17 Mar 2022 17:18

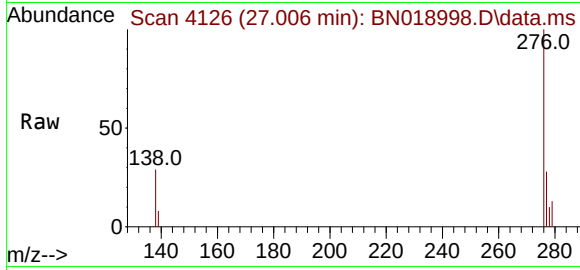
Tgt Ion:	278	Resp:	4062
Ion Ratio	Lower	Upper	
278	100		
139	33.2	17.2	25.8
279	48.7	19.9	29.9





#41
Benzo(g,h,i)perylene
Concen: 0.181 ng
RT: 27.006 min Scan# 41
Delta R.T. 0.009 min
Lab File: BN018998.D
Acq: 17 Mar 2022 17:18

Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022



Tgt Ion:276 Resp: 5220
Ion Ratio Lower Upper
276 100
277 27.8 19.4 29.0
138 29.3 21.0 31.6

Manual Integrations
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Reviewed By :Christian Giraldo 03/18/2022
Supervised By :Jagrut Upadhyay 03/18/2022

