

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081221\
 Data File : BN015863.D
 Acq On : 12 Aug 2021 15:48
 Operator : CG/JU
 Sample : M1458-01
 Misc : LOD-MDL-SOIL 0.1ng
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 LOD-MDL-SOIL-01-QT1-2021

Manual Integrations
 APPROVED

mohammad
 8/13/2021 5:13:23 PM

Quant Time: Aug 12 16:20:17 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN081221.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 12 16:19:54 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.928	152	7183	0.400	ng	0.00
7) Naphthalene-d8	10.724	136	34683	0.400	ng	# 0.00
13) Acenaphthene-d10	14.561	164	19775	0.400	ng	0.01
19) Phenanthrene-d10	17.298	188	40733	0.400	ng	0.00
29) Chrysene-d12	21.504	240	44664	0.400	ng	# 0.01
35) Perylene-d12	23.940	264	40818	0.400	ng	0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.494	112	6772	0.381	ng	0.00
5) Phenol-d6	7.080	99	8956	0.371	ng	0.00
8) Nitrobenzene-d5	9.076	82	9742	0.336	ng	0.00
11) 2-Methylnaphthalene-d10	12.314	152	24941	0.446	ng	0.00
14) 2,4,6-Tribromophenol	16.044	330	2452	0.282	ng	0.00
15) 2-Fluorobiphenyl	13.178	172	28425	0.365	ng	0.00
27) Fluoranthene-d10	19.341	212	55206	0.440	ng	0.00
31) Terphenyl-d14	19.937	244	48026	0.379	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.410	88	270	0.095	ng	# 81
3) n-Nitrosodimethylamine	3.797	42	620	0.085	ng	# 91
6) bis(2-Chloroethyl)ether	7.347	93	2297	0.120	ng	100
9) Naphthalene	10.774	128	10426	0.116	ng	97
10) Hexachlorobutadiene	11.066	225	2828	0.116	ng	# 100
12) 2-Methylnaphthalene	12.390	142	7049	0.114	ng	100
16) Acenaphthylene	14.269	152	8248	0.103	ng	100
17) Acenaphthene	14.611	154	5981	0.108	ng	99
18) Fluorene	15.601	166	7432	0.108	ng	100
20) 4,6-Dinitro-2-methylph...	15.690	198	182m	0.046	ng	
21) 4-Bromophenyl-phenylether	16.494	248	2268	0.103	ng	# 91
22) Hexachlorobenzene	16.616	284	3254	0.113	ng	99
23) Atrazine	16.762	200	1771	0.097	ng	96
24) Pentachlorophenol	16.957	266	550	0.052	ng	96
25) Phenanthrene	17.346	178	12221	0.109	ng	98
26) Anthracene	17.431	178	10548	0.106	ng	99
28) Fluoranthene	19.371	202	14875	0.110	ng	99
30) Pyrene	19.733	202	14259	0.107	ng	100
32) Benzo(a)anthracene	21.482	228	14900	0.106	ng	99
33) Chrysene	21.535	228	15387	0.109	ng	99
34) Bis(2-ethylhexyl)phtha...	21.419	149	5521	0.095	ng	99
36) Indeno(1,2,3-cd)pyrene	26.456	276	13206	0.097	ng	98
37) Benzo(b)fluoranthene	23.197	252	15242m	0.108	ng	
38) Benzo(k)fluoranthene	23.245	252	14204	0.107	ng	# 95
39) Benzo(a)pyrene	23.834	252	13096	0.108	ng	# 92
40) Dibenzo(a,h)anthracene	26.483	278	10587	0.095	ng	# 90
41) Benzo(g,h,i)perylene	27.229	276	11794	0.100	ng	98

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

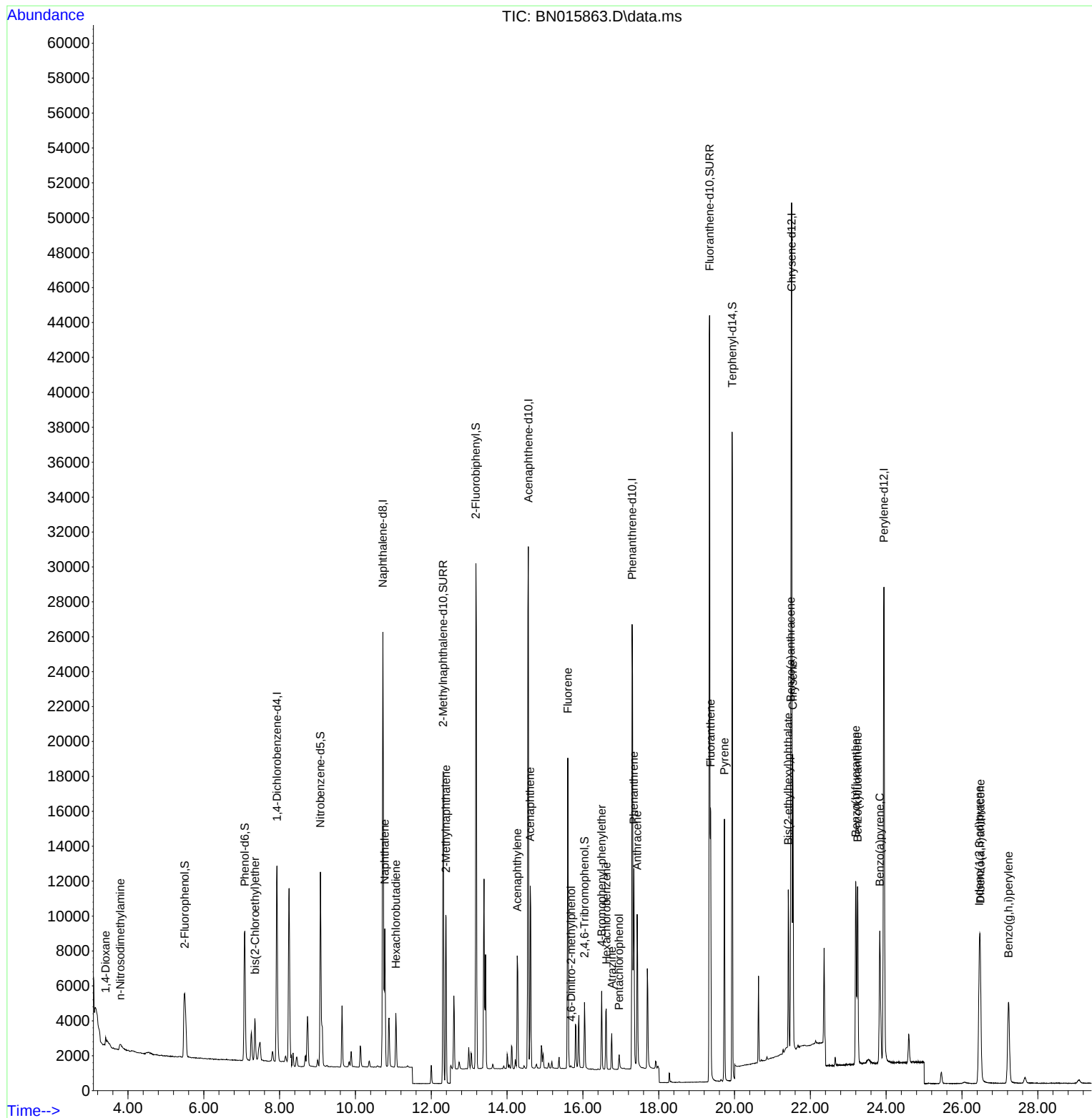
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081221\
Data File : BN015863.D
Acq On : 12 Aug 2021 15:48
Operator : CG/JU
Sample : M1458-01
Misc : LOD-MDL-SOIL 0.1ng
ALS Vial : 11 Sample Multiplier: 1

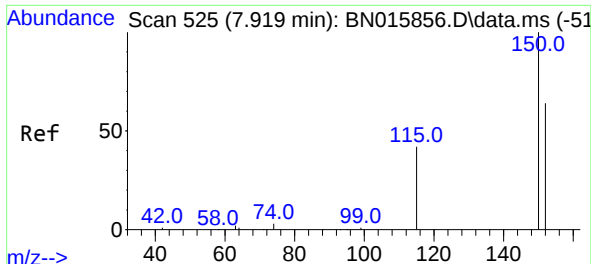
Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

Manual Integrations
APPROVED

mohammad
8/13/2021 5:13:23 PM

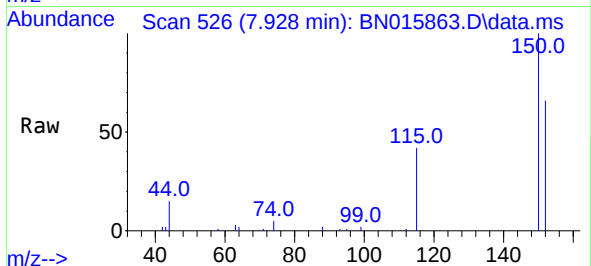
Quant Time: Aug 12 16:20:17 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN081221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 12 16:19:54 2021
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.928 min Scan# 526
Delta R.T. 0.009 min
Lab File: BN015863.D
Acq: 12 Aug 2021 15:48

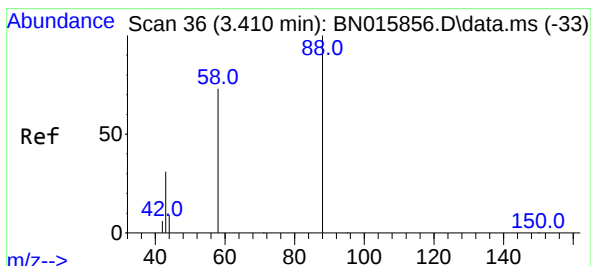
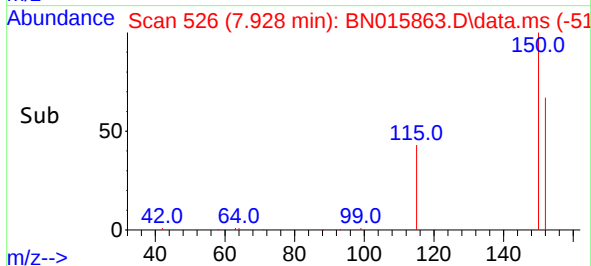
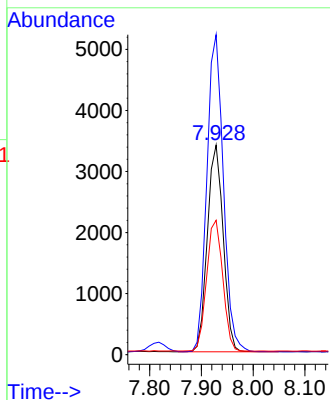
Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021



Tgt Ion:152 Resp: 7183
Ion Ratio Lower Upper
152 100
150 152.7 125.8 188.8
115 64.1 53.6 80.4

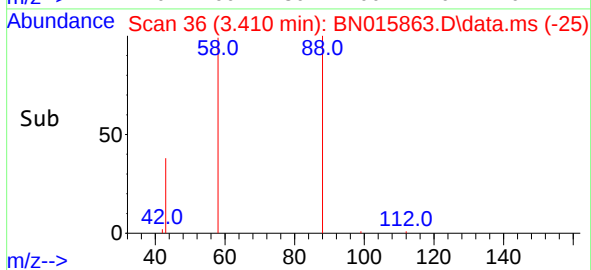
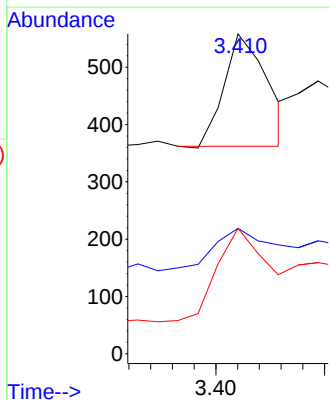
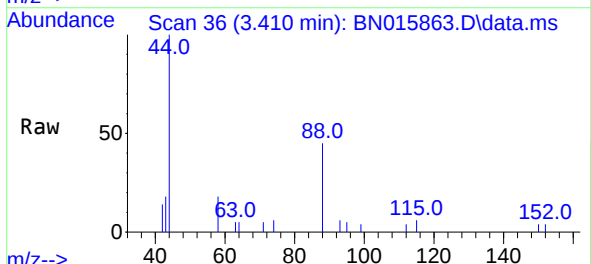
Manual Integrations
APPROVED

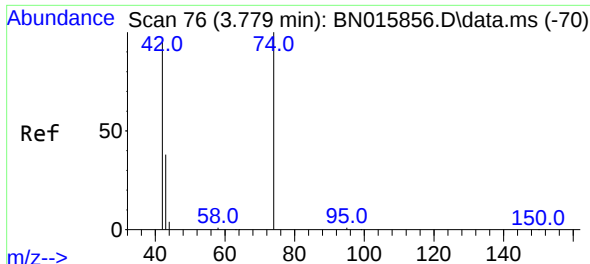
mohammad
8/13/2021 5:13:23 PM



#2
1,4-Dioxane
Concen: 0.095 ng
RT: 3.410 min Scan# 36
Delta R.T. -0.000 min
Lab File: BN015863.D
Acq: 12 Aug 2021 15:48

Tgt Ion: 88 Resp: 270
Ion Ratio Lower Upper
88 100
43 57.0 29.4 44.2#
58 98.5 69.3 103.9





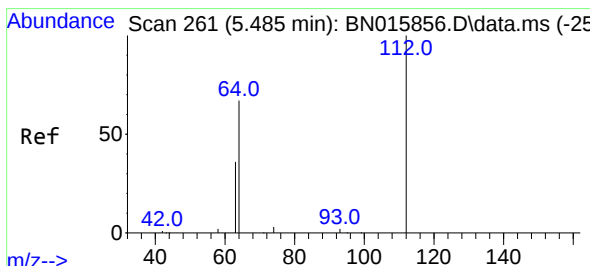
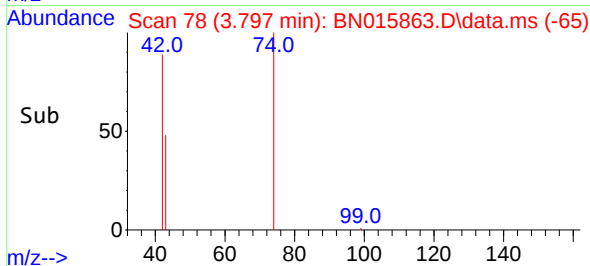
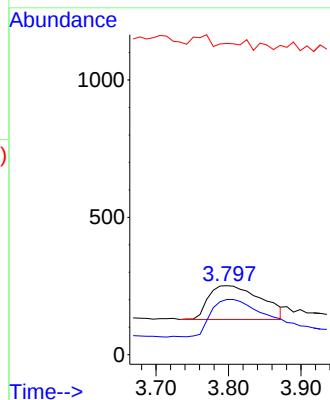
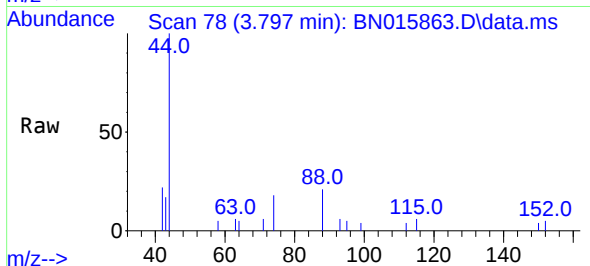
#3
n-Nitrosodimethylamine
Concen: 0.085 ng
RT: 3.797 min Scan# 78
Delta R.T. 0.018 min
Lab File: BN015863.D
Acq: 12 Aug 2021 15:48

Tgt Ion: 42 Resp: 620
Ion Ratio Lower Upper
42 100
74 116.3 86.1 129.1
44 0.0 3.8 5.8#

Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

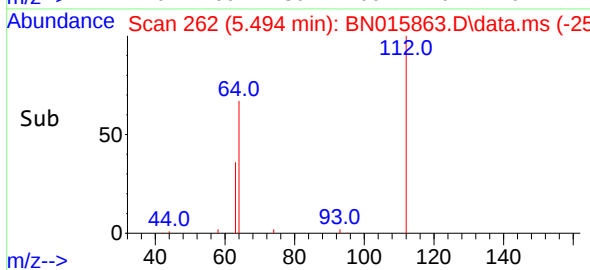
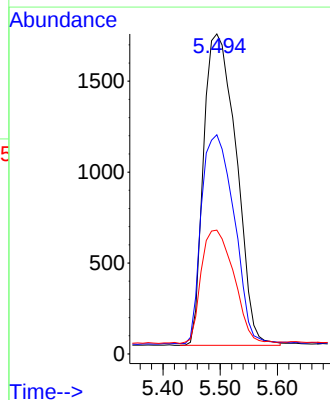
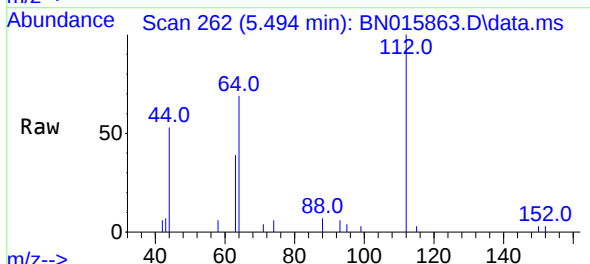
Manual Integrations
APPROVED

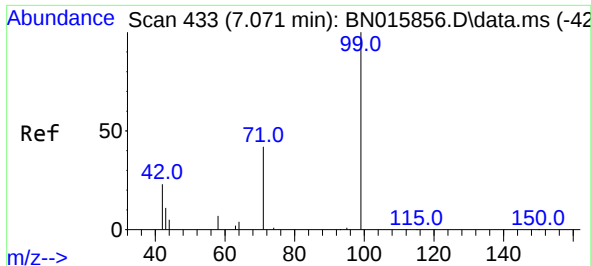
mohammad
8/13/2021 5:13:23 PM



#4
2-Fluorophenol
Concen: 0.381 ng
RT: 5.494 min Scan# 262
Delta R.T. 0.009 min
Lab File: BN015863.D
Acq: 12 Aug 2021 15:48

Tgt Ion: 112 Resp: 6772
Ion Ratio Lower Upper
112 100
64 67.3 53.3 79.9
63 36.4 28.6 42.8





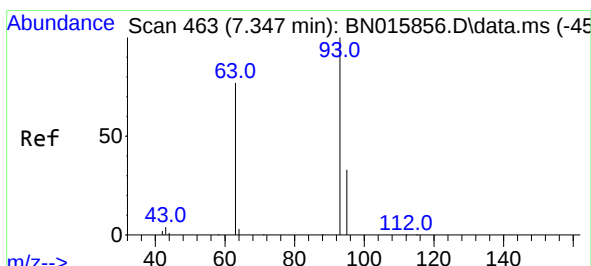
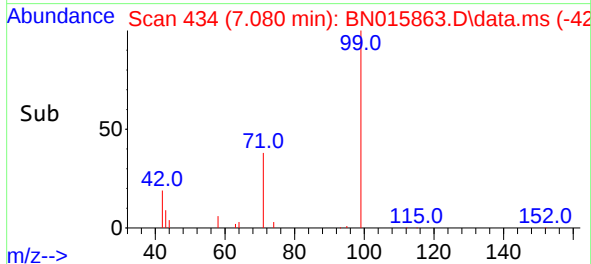
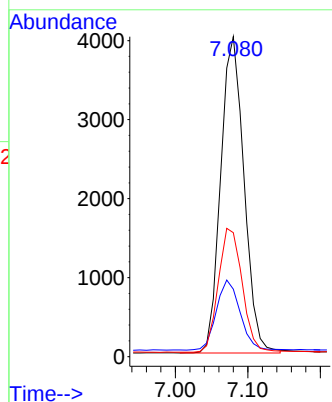
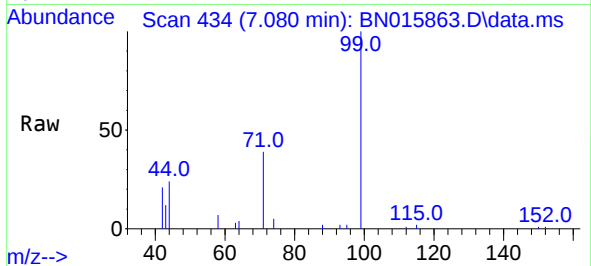
#5
Phenol-d6
Concen: 0.371 ng
RT: 7.080 min Scan# 434
Delta R.T. 0.009 min
Lab File: BN015863.D
Acq: 12 Aug 2021 15:48

Tgt Ion:	99	Resp:	8956
Ion	Ratio	Lower	Upper
99	100		
42	22.3	18.7	28.1
71	40.1	32.4	48.6

Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

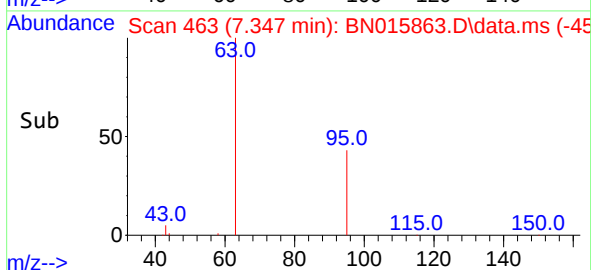
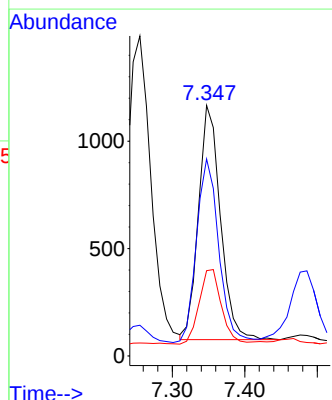
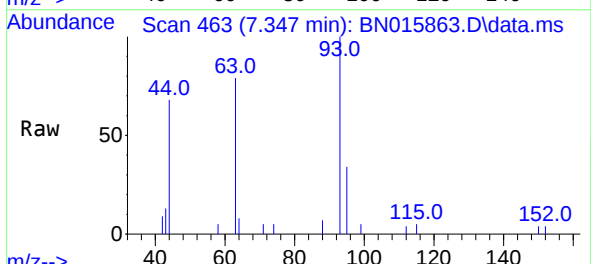
Manual Integrations
APPROVED

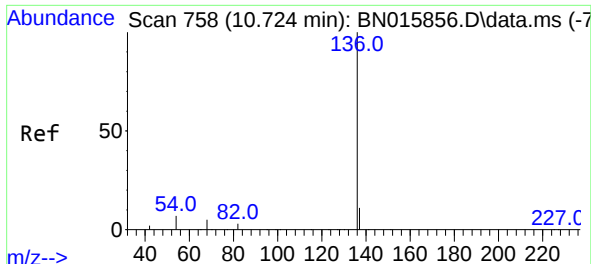
mohammad
8/13/2021 5:13:23 PM



#6
bis(2-Chloroethyl)ether
Concen: 0.120 ng
RT: 7.347 min Scan# 463
Delta R.T. 0.000 min
Lab File: BN015863.D
Acq: 12 Aug 2021 15:48

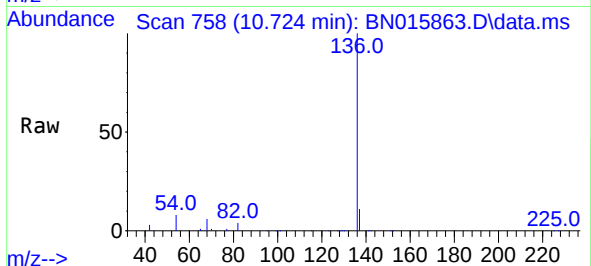
Tgt Ion:	93	Resp:	2297
Ion	Ratio	Lower	Upper
93	100		
63	79.6	63.8	95.6
95	32.2	26.0	39.0





#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.724 min Scan# 758
Delta R.T. 0.000 min
Lab File: BN015863.D
Acq: 12 Aug 2021 15:48

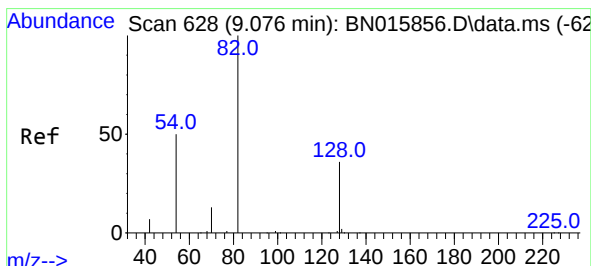
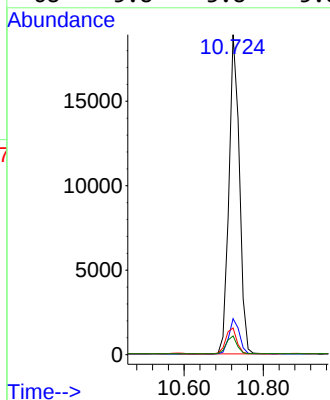
Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021



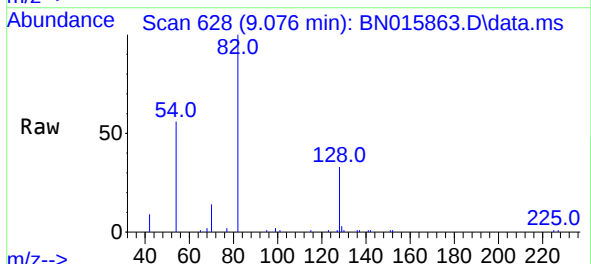
Tgt Ion:	136	Resp:	34683
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.4
54	8.4	5.4	8.2#
68	5.8	3.8	5.8#

Manual Integrations
APPROVED

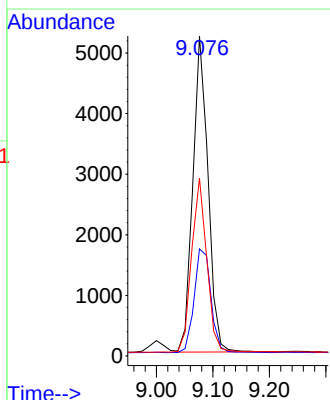
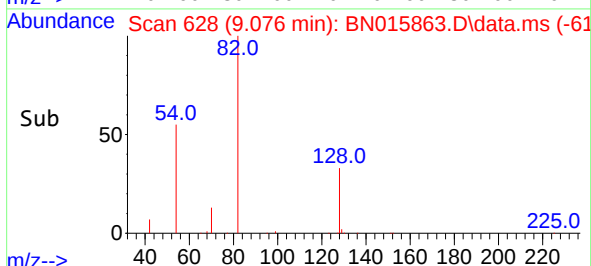
mohammad
8/13/2021 5:13:23 PM

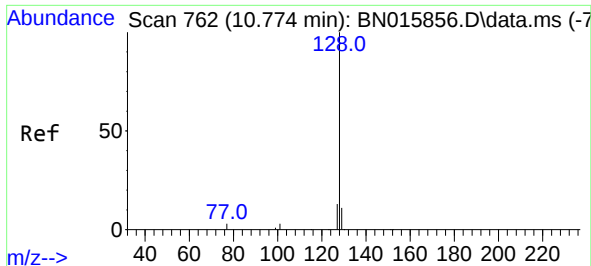


#8
Nitrobenzene-d5
Concen: 0.336 ng
RT: 9.076 min Scan# 628
Delta R.T. 0.000 min
Lab File: BN015863.D
Acq: 12 Aug 2021 15:48

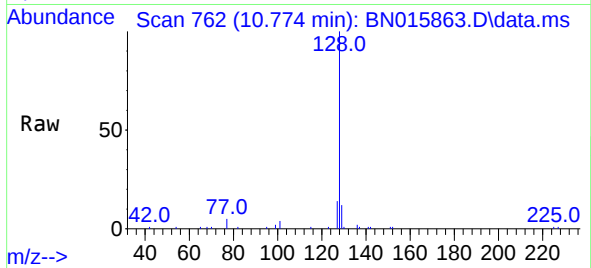


Tgt Ion:	82	Resp:	9742
Ion	Ratio	Lower	Upper
82	100		
128	33.5	29.2	43.8
54	55.6	41.1	61.7

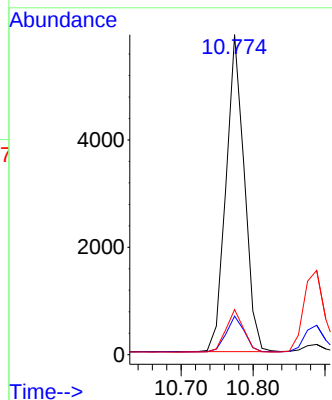




#9
Naphthalene
Concen: 0.116 ng
RT: 10.774 min Scan# 762
Delta R.T. 0.000 min
Lab File: BN015863.D
Acq: 12 Aug 2021 15:48



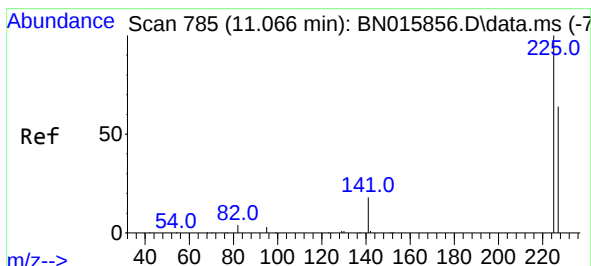
Tgt Ion:128 Resp: 10426
Ion Ratio Lower Upper
128 100
129 12.0 8.8 13.2
127 14.1 10.5 15.7



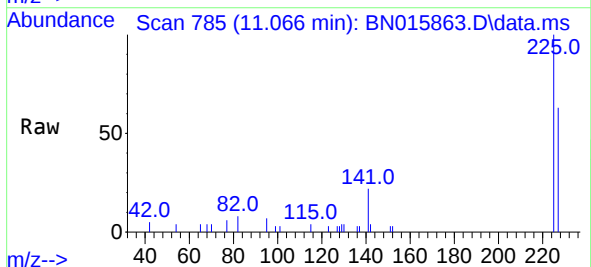
Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

Manual Integrations
APPROVED

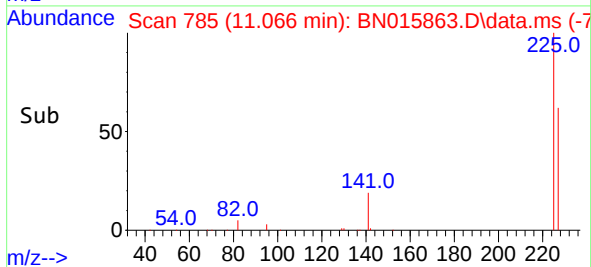
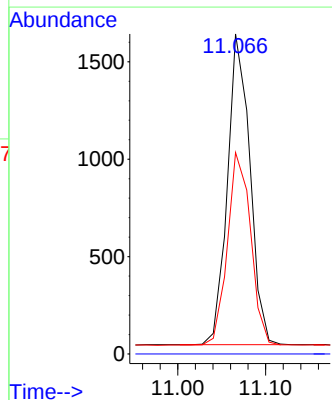
mohammad
8/13/2021 5:13:23 PM

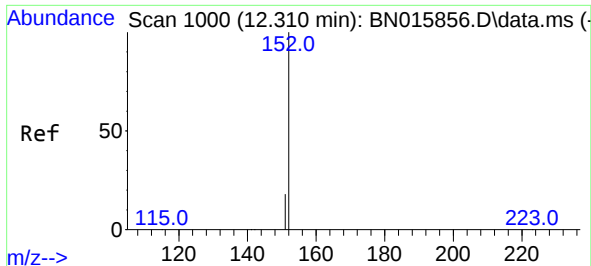


#10
Hexachlorobutadiene
Concen: 0.116 ng
RT: 11.066 min Scan# 785
Delta R.T. -0.000 min
Lab File: BN015863.D
Acq: 12 Aug 2021 15:48



Tgt Ion:225 Resp: 2828
Ion Ratio Lower Upper
225 100
223 0.0 0.0 0.0
227 63.9 51.4 77.0





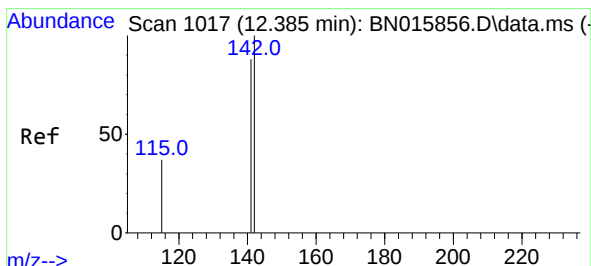
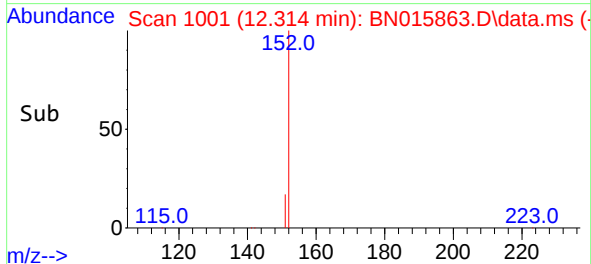
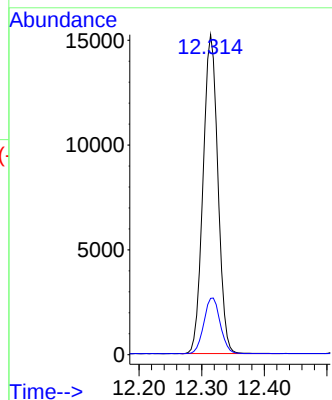
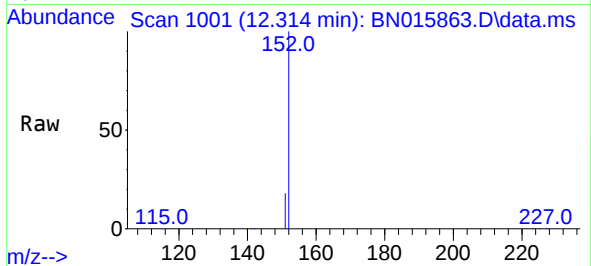
#11
2-Methylnaphthalene-d10
Concen: 0.446 ng
RT: 12.314 min Scan# 1001
Delta R.T. 0.004 min
Lab File: BN015863.D
Acq: 12 Aug 2021 15:48

Tgt Ion:152 Resp: 24941
Ion Ratio Lower Upper
152 100
151 19.3 16.5 24.7

Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

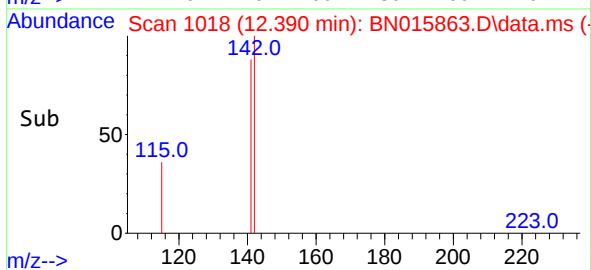
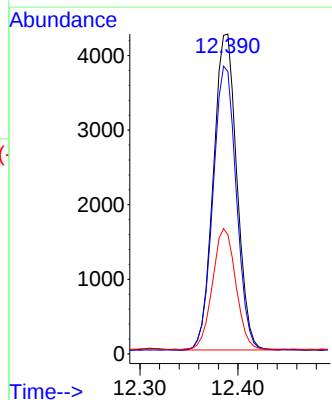
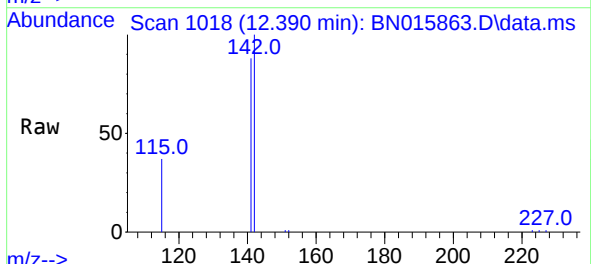
Manual Integrations
APPROVED

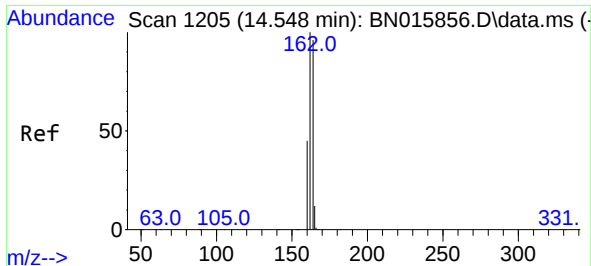
mohammad
8/13/2021 5:13:23 PM



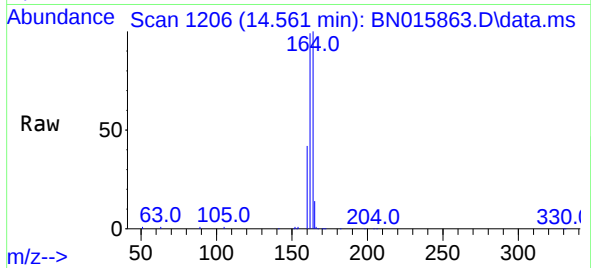
#12
2-Methylnaphthalene
Concen: 0.114 ng
RT: 12.390 min Scan# 1018
Delta R.T. 0.004 min
Lab File: BN015863.D
Acq: 12 Aug 2021 15:48

Tgt Ion:142 Resp: 7049
Ion Ratio Lower Upper
142 100
141 88.2 70.5 105.7
115 37.3 29.8 44.8

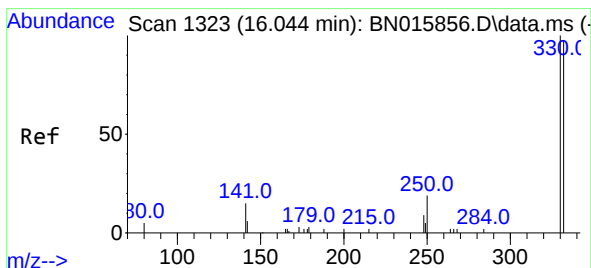
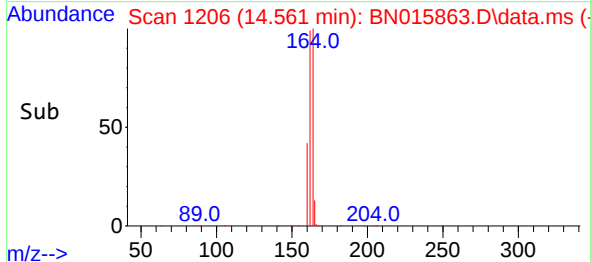
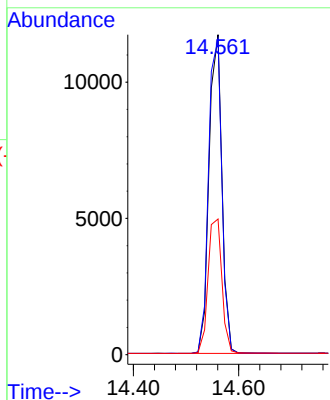




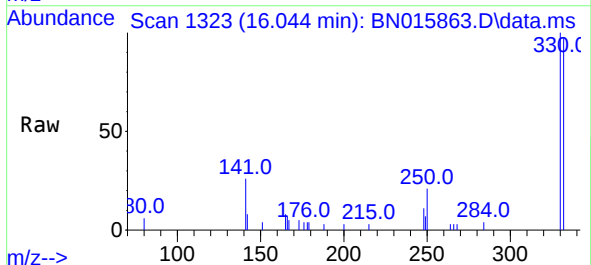
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.561 min Scan# 1206
Delta R.T. 0.013 min
Lab File: BN015863.D
Acq: 12 Aug 2021 15:48



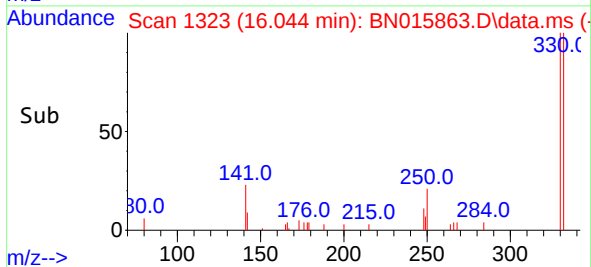
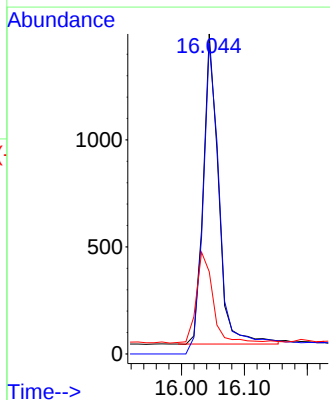
Tgt Ion:164 Resp: 19775
Ion Ratio Lower Upper
164 100
162 98.7 83.5 125.3
160 42.4 37.7 56.5



#14
2,4,6-Tribromophenol
Concen: 0.282 ng
RT: 16.044 min Scan# 1323
Delta R.T. 0.000 min
Lab File: BN015863.D
Acq: 12 Aug 2021 15:48



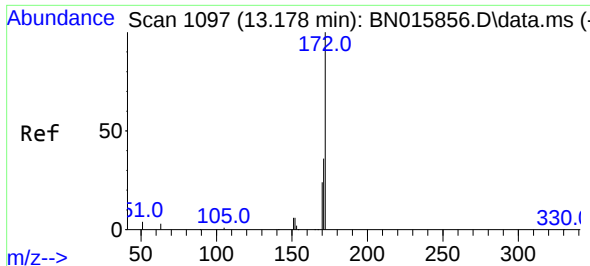
Tgt Ion:330 Resp: 2452
Ion Ratio Lower Upper
330 100
332 115.4 84.1 126.1
141 32.3 24.2 36.4



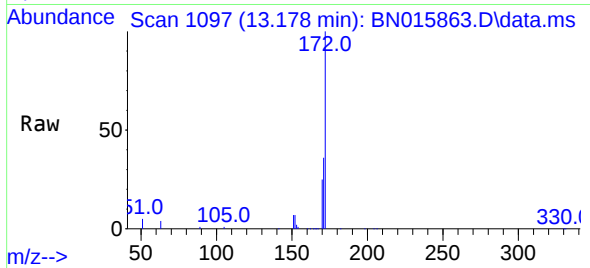
Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

Manual Integrations
APPROVED

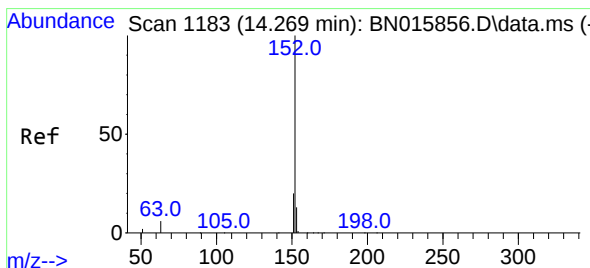
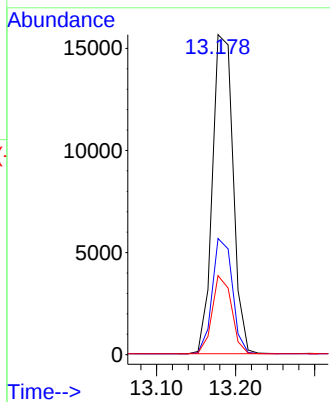
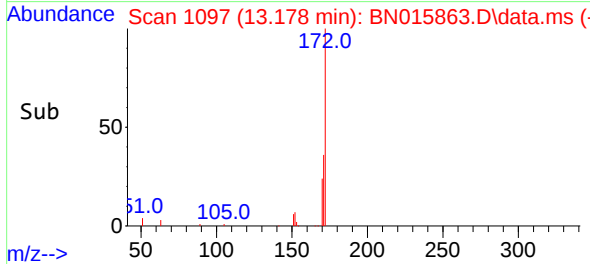
mohammad
8/13/2021 5:13:23 PM



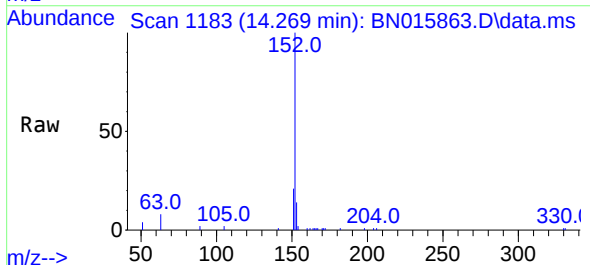
#15
2-Fluorobiphenyl
Concen: 0.365 ng
RT: 13.178 min Scan# 1097
Delta R.T. -0.000 min
Lab File: BN015863.D
Acq: 12 Aug 2021 15:48



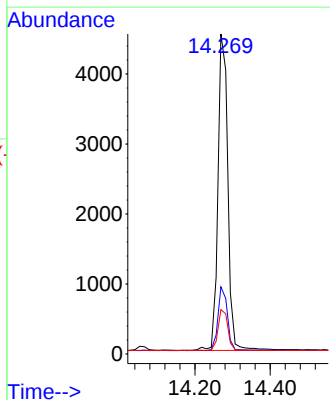
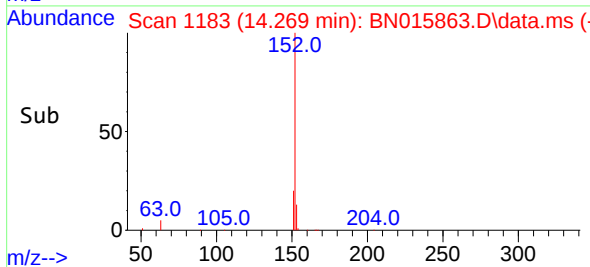
Tgt Ion:172 Resp: 28425
Ion Ratio Lower Upper
172 100
171 36.3 28.7 43.1
170 24.7 19.0 28.4



#16
Acenaphthylene
Concen: 0.103 ng
RT: 14.269 min Scan# 1183
Delta R.T. 0.000 min
Lab File: BN015863.D
Acq: 12 Aug 2021 15:48



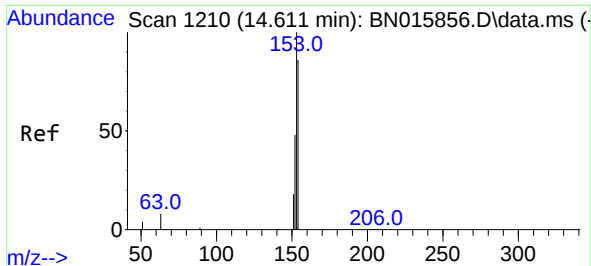
Tgt Ion:152 Resp: 8248
Ion Ratio Lower Upper
152 100
151 19.1 15.4 23.2
153 13.0 10.5 15.7



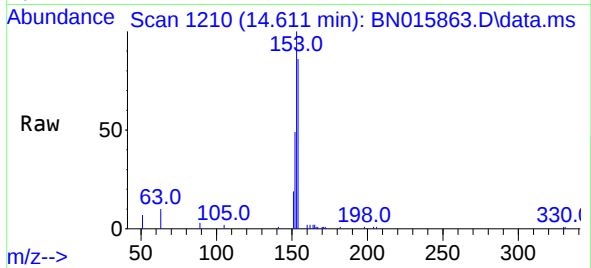
Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

Manual Integrations
APPROVED

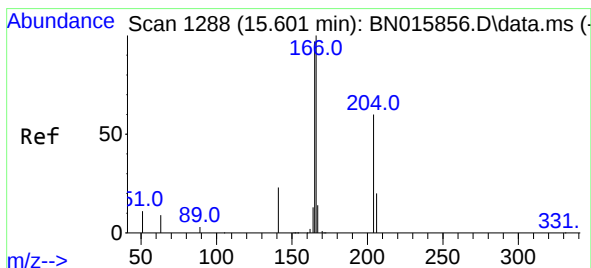
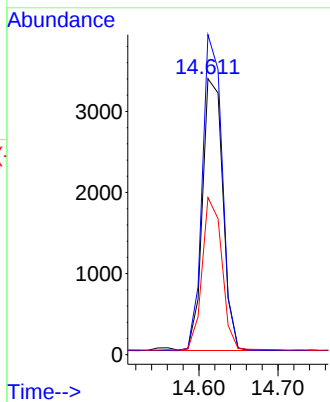
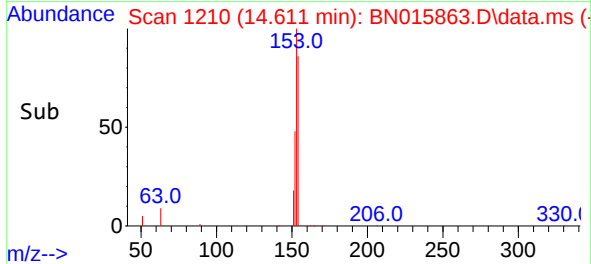
mohammad
8/13/2021 5:13:23 PM



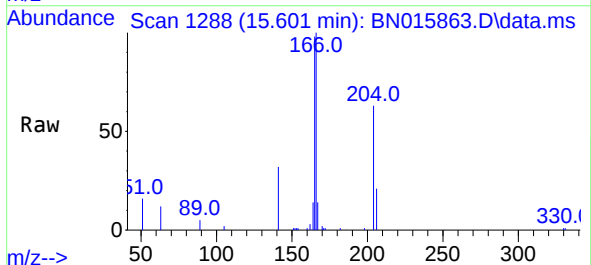
#17
Acenaphthene
Concen: 0.108 ng
RT: 14.611 min Scan# 1210
Delta R.T. 0.000 min
Lab File: BN015863.D
Acq: 12 Aug 2021 15:48



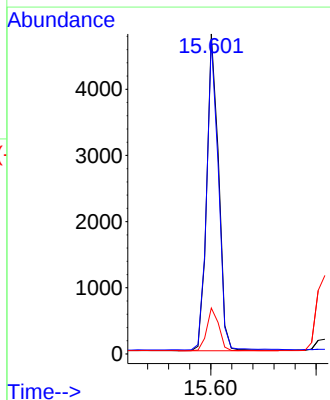
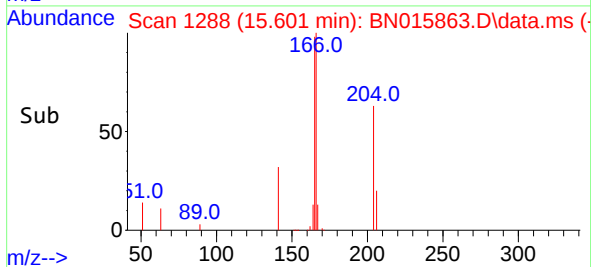
Tgt Ion:154 Resp: 5981
Ion Ratio Lower Upper
154 100
153 113.1 90.1 135.1
152 55.0 43.5 65.3



#18
Fluorene
Concen: 0.108 ng
RT: 15.601 min Scan# 1288
Delta R.T. 0.000 min
Lab File: BN015863.D
Acq: 12 Aug 2021 15:48



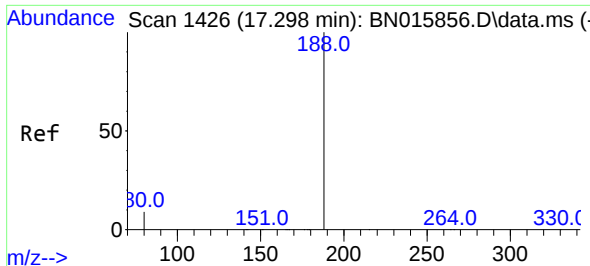
Tgt Ion:166 Resp: 7432
Ion Ratio Lower Upper
166 100
165 96.9 77.8 116.6
167 13.7 11.0 16.4



Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

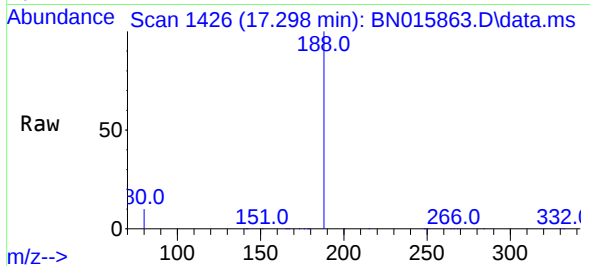
Manual Integrations
APPROVED

mohammad
8/13/2021 5:13:23 PM



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.298 min Scan# 1426
Delta R.T. 0.000 min
Lab File: BN015863.D
Acq: 12 Aug 2021 15:48

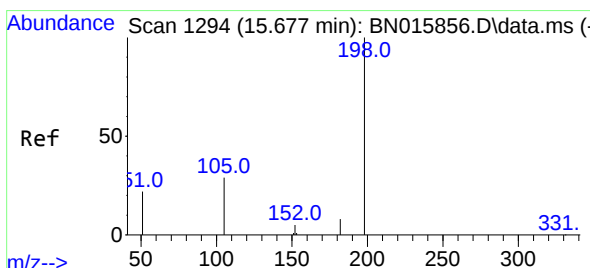
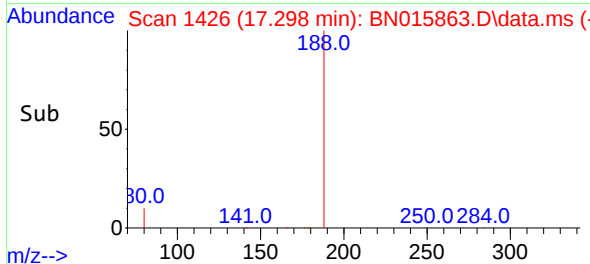
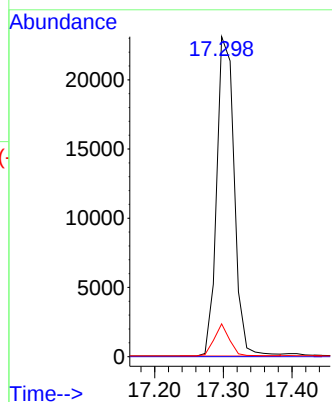
Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021



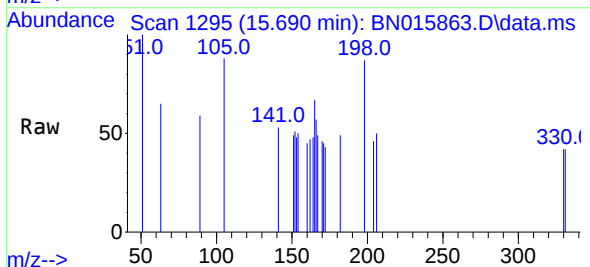
Tgt Ion:188 Resp: 40733
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.2 7.2 10.8

Manual Integrations
APPROVED

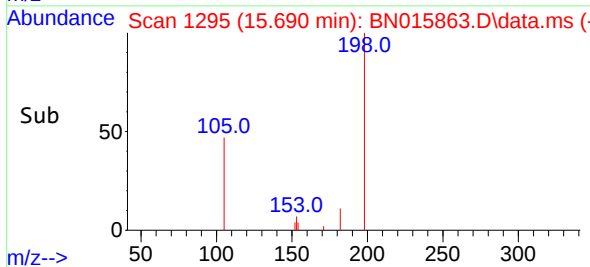
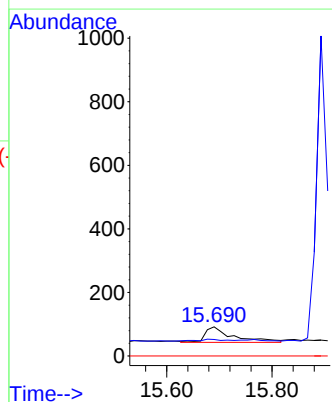
mohammad
8/13/2021 5:13:23 PM

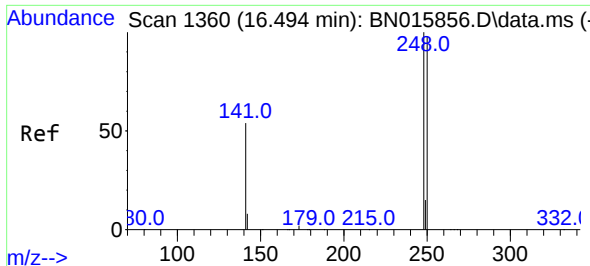


#20
4,6-Dinitro-2-methylphenol
Concen: 0.046 ng m
RT: 15.690 min Scan# 1295
Delta R.T. 0.013 min
Lab File: BN015863.D
Acq: 12 Aug 2021 15:48



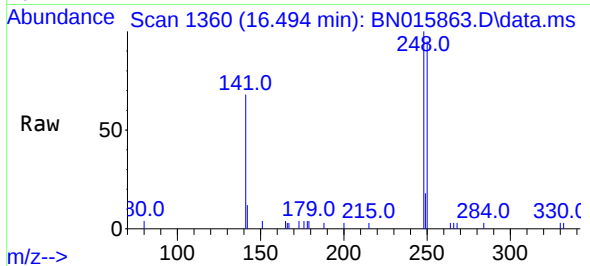
Tgt Ion:198 Resp: 182
Ion Ratio Lower Upper
198 100
182 56.5 11.9 17.9#
77 0.0 0.0 0.0





#21
4-Bromophenyl-phenylether
Concen: 0.103 ng
RT: 16.494 min Scan# 1360
Delta R.T. 0.000 min
Lab File: BN015863.D
Acq: 12 Aug 2021 15:48

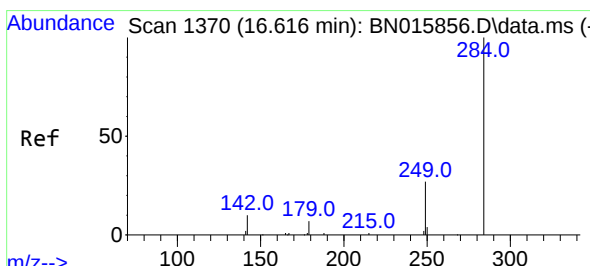
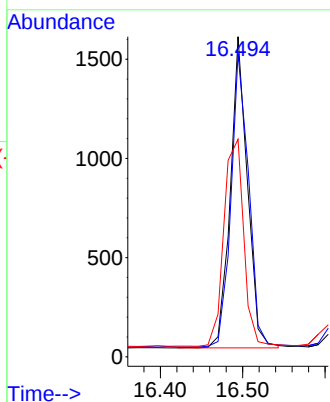
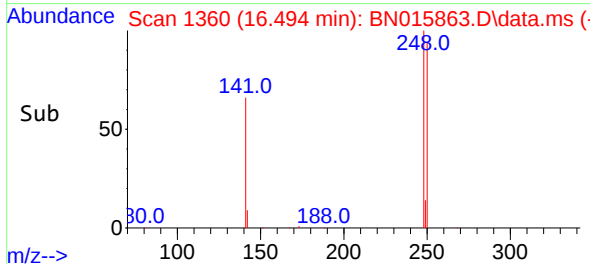
Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021



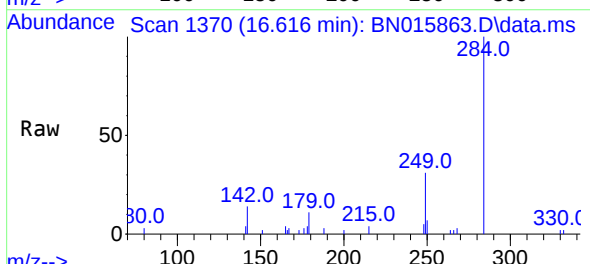
Tgt Ion:248 Resp: 2268
Ion Ratio Lower Upper
248 100
250 94.8 78.6 118.0
141 68.0 43.4 65.2#

Manual Integrations
APPROVED

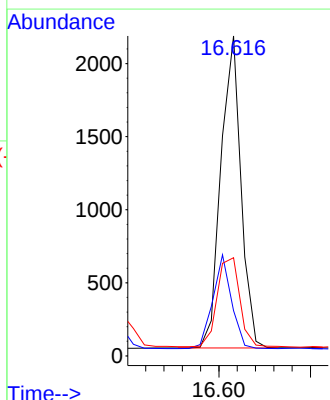
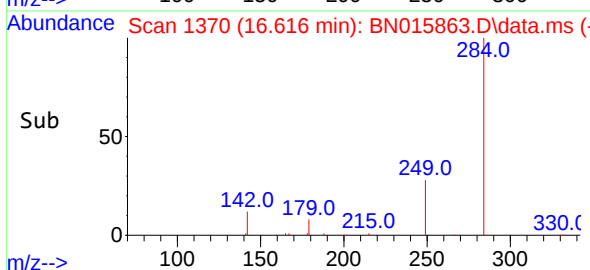
mohammad
8/13/2021 5:13:23 PM

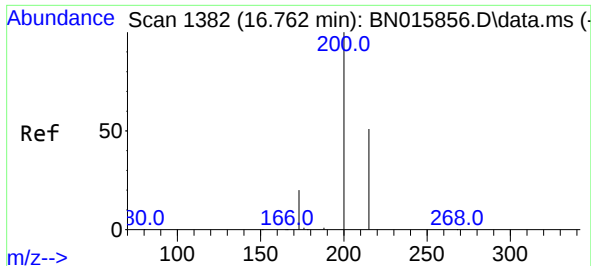


#22
Hexachlorobenzene
Concen: 0.113 ng
RT: 16.616 min Scan# 1370
Delta R.T. 0.000 min
Lab File: BN015863.D
Acq: 12 Aug 2021 15:48

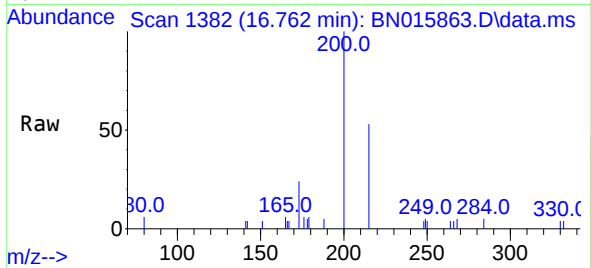


Tgt Ion:284 Resp: 3254
Ion Ratio Lower Upper
284 100
142 27.9 22.6 34.0
249 32.0 25.2 37.8

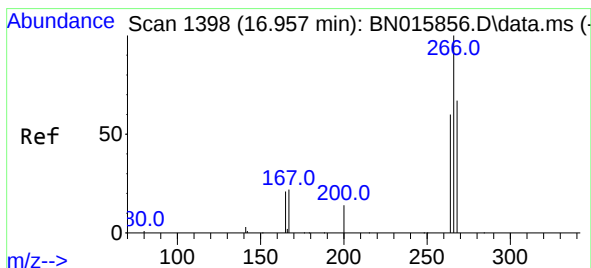
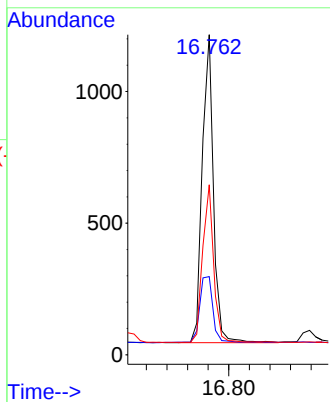
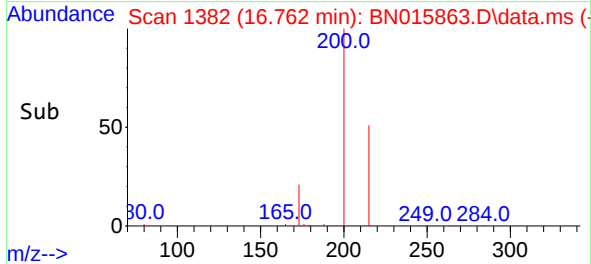




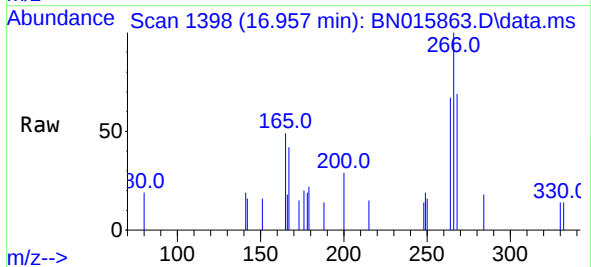
#23
Atrazine
Concen: 0.097 ng
RT: 16.762 min Scan# 1382
Delta R.T. 0.000 min
Lab File: BN015863.D
Acq: 12 Aug 2021 15:48



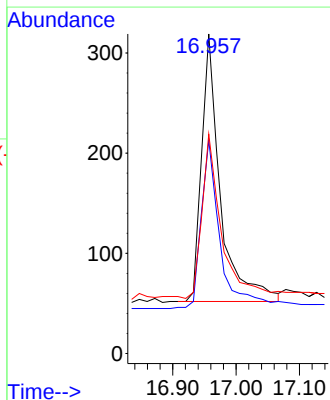
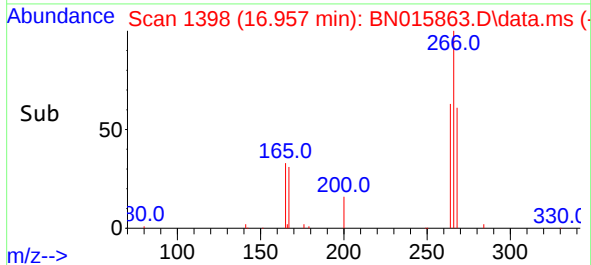
Tgt Ion:	200	Resp:	1771
Ion Ratio	Lower	Upper	
200	100		
173	24.4	16.4	24.6
215	53.1	41.5	62.3



#24
Pentachlorophenol
Concen: 0.052 ng
RT: 16.957 min Scan# 1398
Delta R.T. -0.000 min
Lab File: BN015863.D
Acq: 12 Aug 2021 15:48



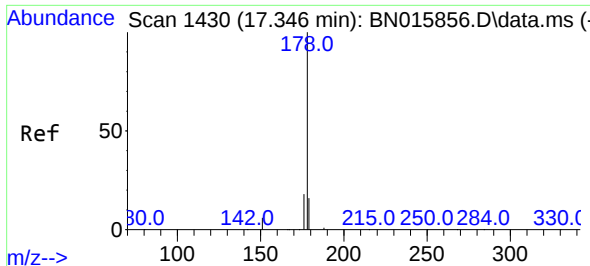
Tgt Ion:	266	Resp:	550
Ion Ratio	Lower	Upper	
266	100		
264	65.8	50.1	75.1
268	66.2	51.0	76.6



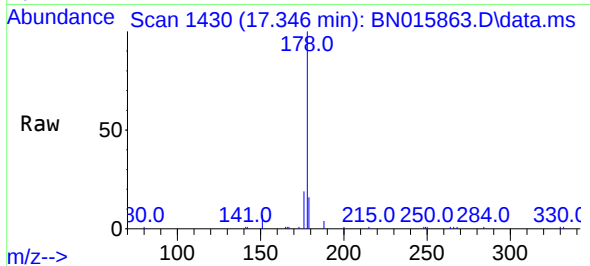
Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

Manual Integrations
APPROVED

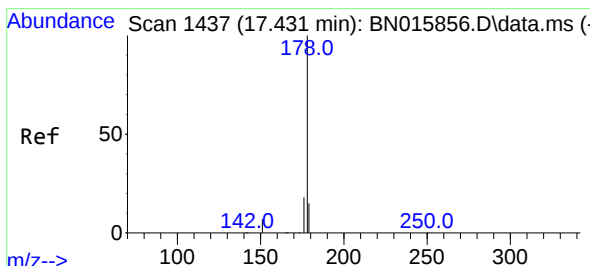
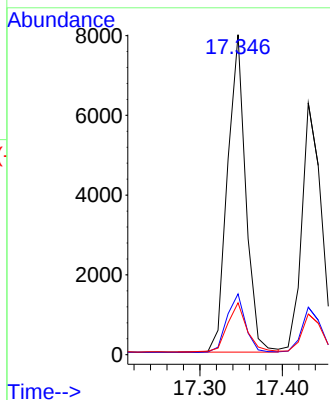
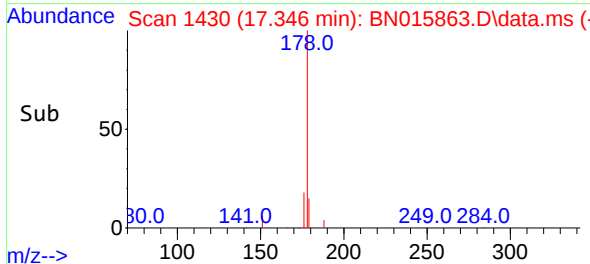
mohammad
8/13/2021 5:13:23 PM



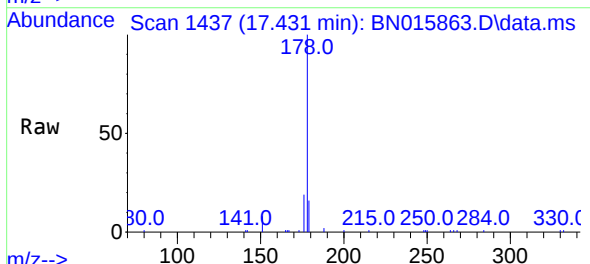
#25
Phenanthrene
Concen: 0.109 ng
RT: 17.346 min Scan# 1430
Delta R.T. -0.000 min
Lab File: BN015863.D
Acq: 12 Aug 2021 15:48



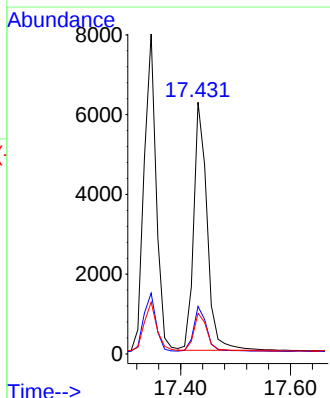
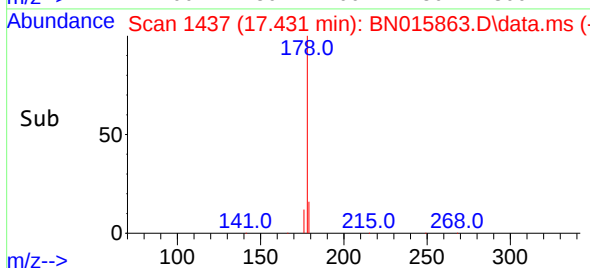
Tgt Ion:178 Resp: 12221
Ion Ratio Lower Upper
178 100
176 18.7 14.6 21.8
179 16.5 12.6 18.8



#26
Anthracene
Concen: 0.106 ng
RT: 17.431 min Scan# 1437
Delta R.T. 0.000 min
Lab File: BN015863.D
Acq: 12 Aug 2021 15:48



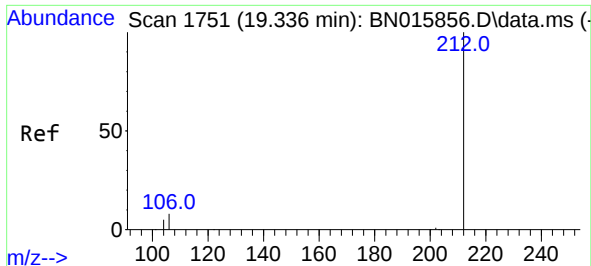
Tgt Ion:178 Resp: 10548
Ion Ratio Lower Upper
178 100
176 17.5 14.3 21.5
179 15.5 12.2 18.4



Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

Manual Integrations
APPROVED

mohammad
8/13/2021 5:13:23 PM



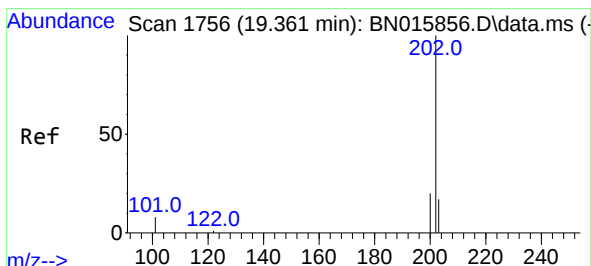
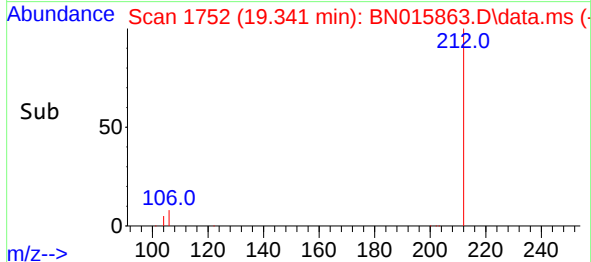
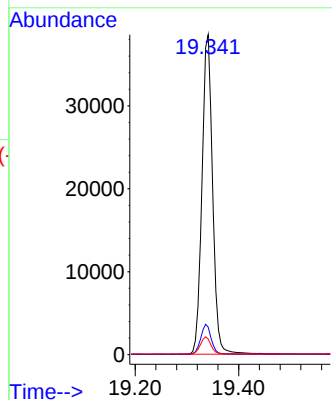
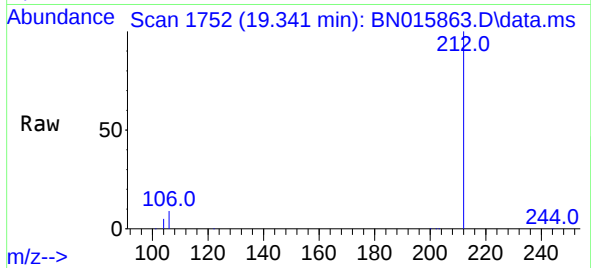
#27
Fluoranthene-d10
Concen: 0.440 ng
RT: 19.341 min Scan# 1752
Delta R.T. 0.005 min
Lab File: BN015863.D
Acq: 12 Aug 2021 15:48

Tgt Ion:	212	Resp:	55206
Ion Ratio	Lower	Upper	
212	100		
106	9.2	7.4	11.2
104	5.4	4.3	6.5

Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

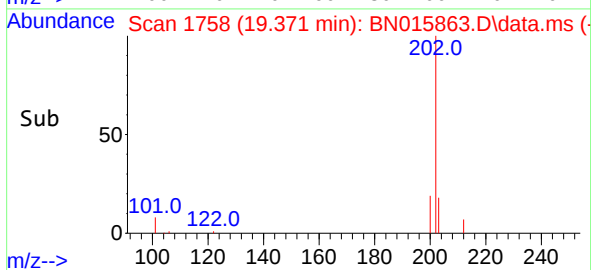
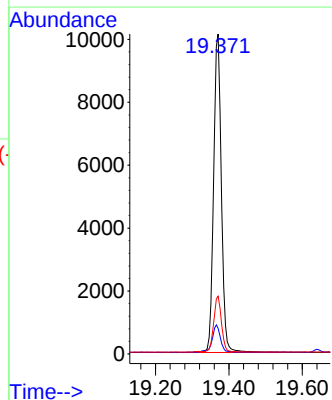
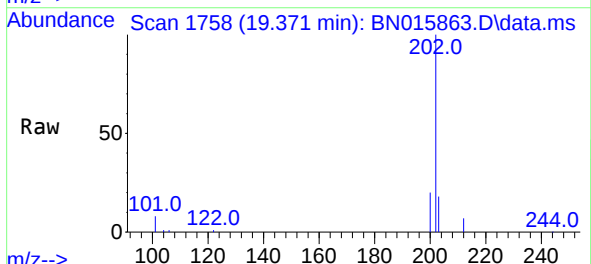
Manual Integrations
APPROVED

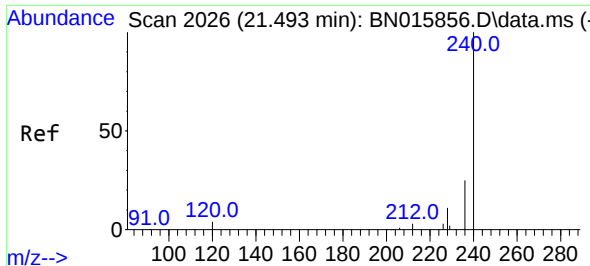
mohammad
8/13/2021 5:13:23 PM



#28
Fluoranthene
Concen: 0.110 ng
RT: 19.371 min Scan# 1758
Delta R.T. 0.010 min
Lab File: BN015863.D
Acq: 12 Aug 2021 15:48

Tgt Ion:	202	Resp:	14875
Ion Ratio	Lower	Upper	
202	100		
101	9.3	6.8	10.2
203	17.3	13.8	20.8





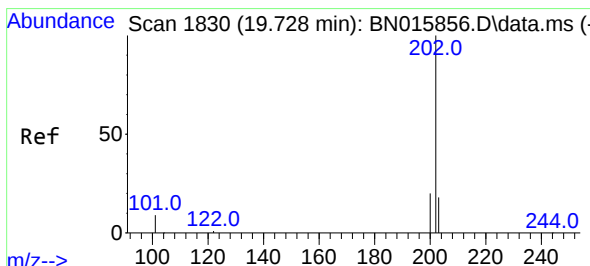
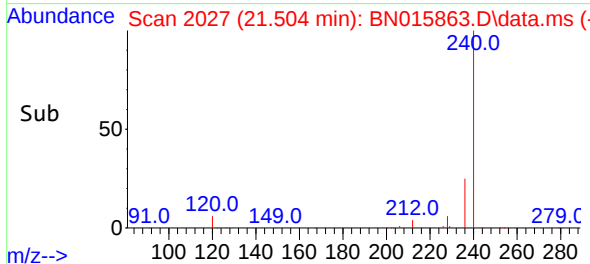
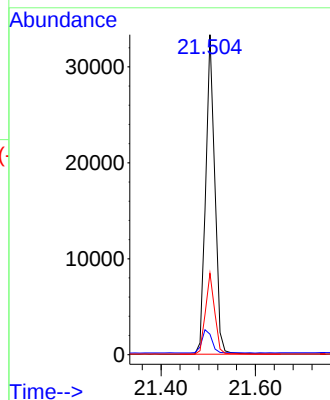
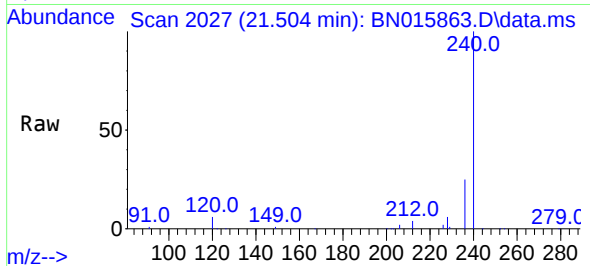
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.504 min Scan# 2027
Delta R.T. 0.011 min
Lab File: BN015863.D
Acq: 12 Aug 2021 15:48

Tgt Ion:240 Resp: 44664
Ion Ratio Lower Upper
240 100
120 6.4 3.8 5.8#
236 25.4 20.0 30.0

Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

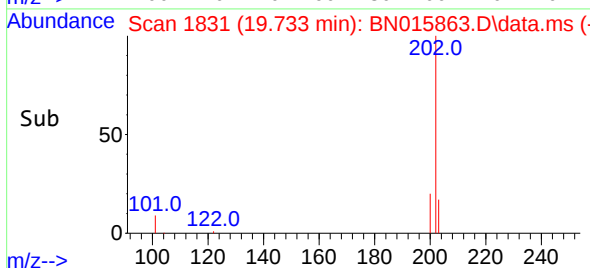
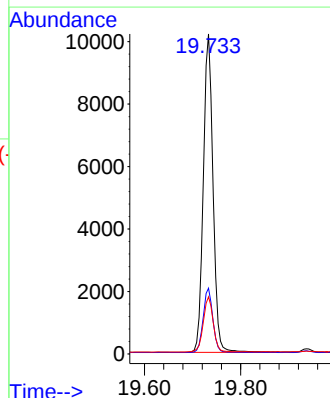
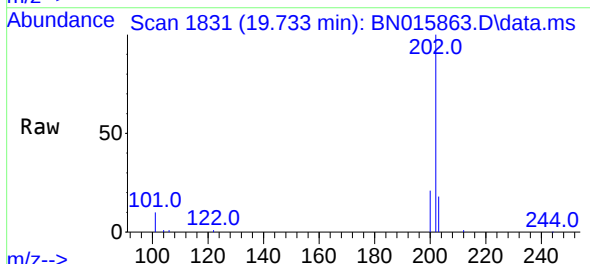
Manual Integrations
APPROVED

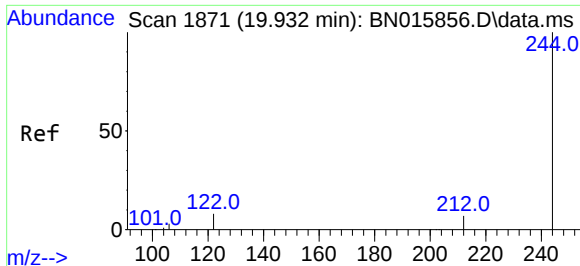
mohammad
8/13/2021 5:13:23 PM



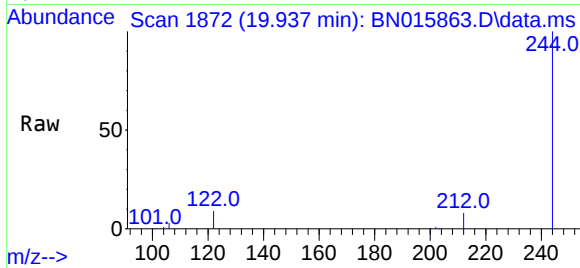
#30
Pyrene
Concen: 0.107 ng
RT: 19.733 min Scan# 1831
Delta R.T. 0.005 min
Lab File: BN015863.D
Acq: 12 Aug 2021 15:48

Tgt Ion:202 Resp: 14259
Ion Ratio Lower Upper
202 100
200 20.2 16.2 24.2
203 17.9 14.1 21.1

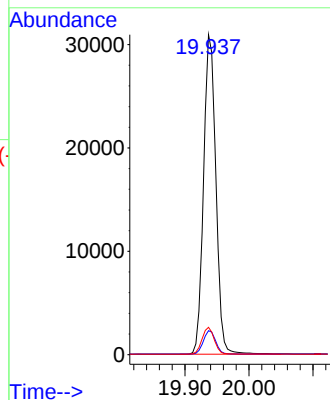
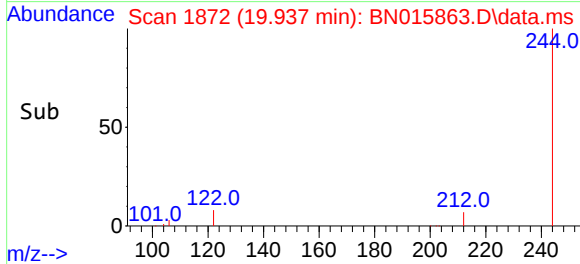




#31
Terphenyl-d14
Concen: 0.379 ng
RT: 19.937 min Scan# 1872
Delta R.T. 0.005 min
Lab File: BN015863.D
Acq: 12 Aug 2021 15:48



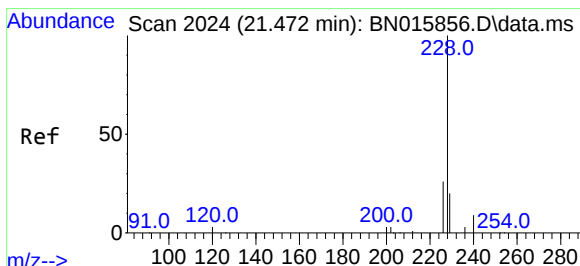
Tgt Ion:244 Resp: 48026
Ion Ratio Lower Upper
244 100
212 7.5 6.0 9.0
122 8.6 6.5 9.7



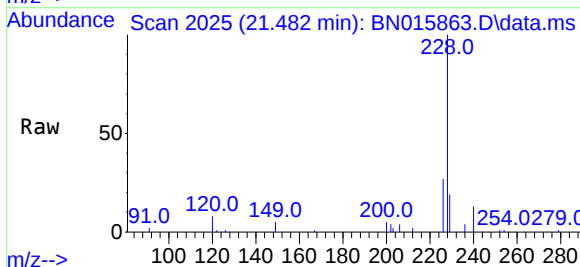
Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

Manual Integrations
APPROVED

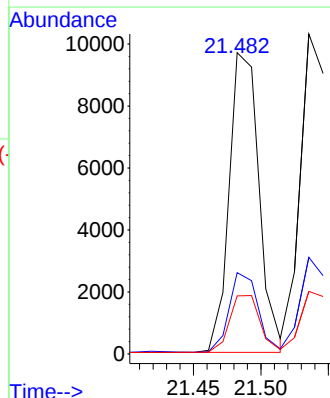
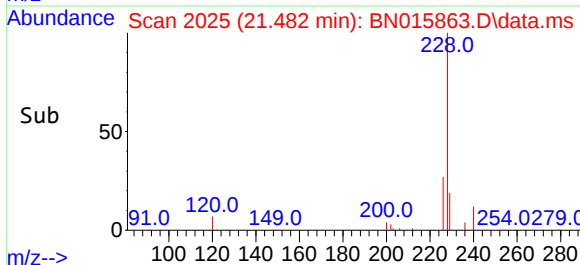
mohammad
8/13/2021 5:13:23 PM

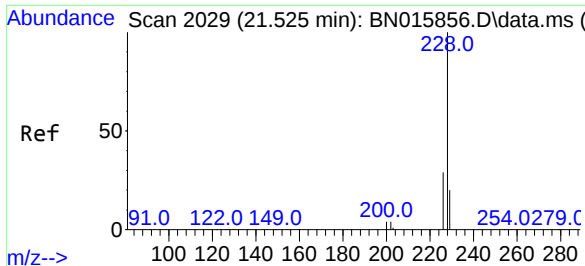


#32
Benzo(a)anthracene
Concen: 0.106 ng
RT: 21.482 min Scan# 2025
Delta R.T. 0.011 min
Lab File: BN015863.D
Acq: 12 Aug 2021 15:48



Tgt Ion:228 Resp: 14900
Ion Ratio Lower Upper
228 100
226 27.0 21.1 31.7
229 19.3 15.7 23.5





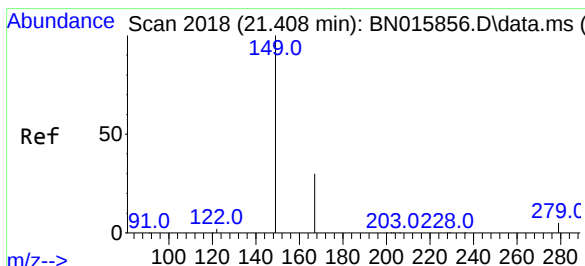
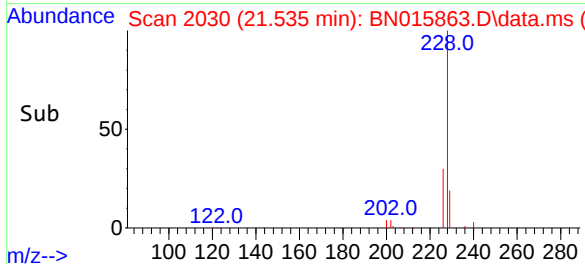
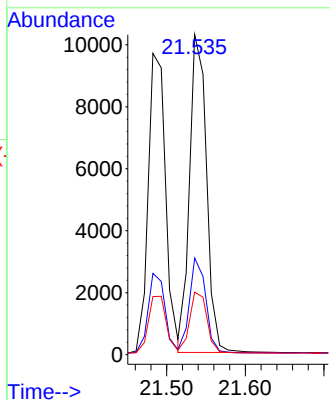
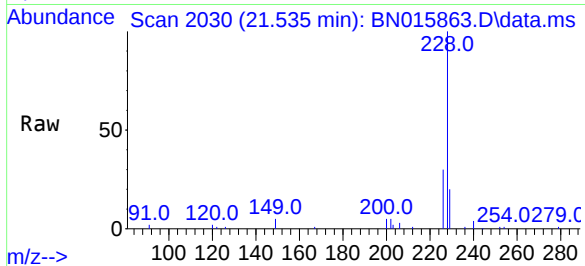
#33
Chrysene
Concen: 0.109 ng
RT: 21.535 min Scan# 2030
Delta R.T. 0.011 min
Lab File: BN015863.D
Acq: 12 Aug 2021 15:48

Tgt Ion:	228	Resp:	15387
Ion Ratio	Lower	Upper	
228	100		
226	30.2	23.4	35.2
229	19.6	15.8	23.6

Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

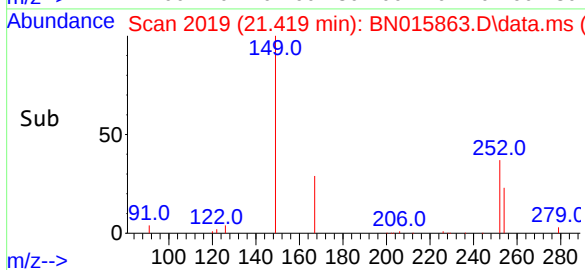
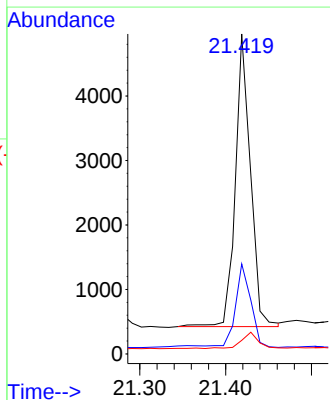
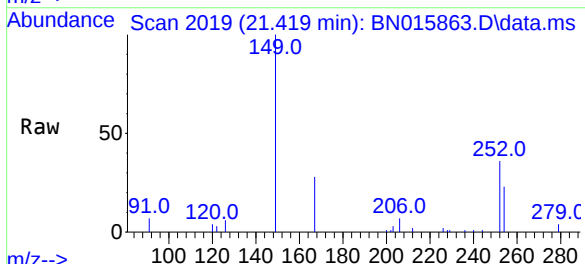
Manual Integrations
APPROVED

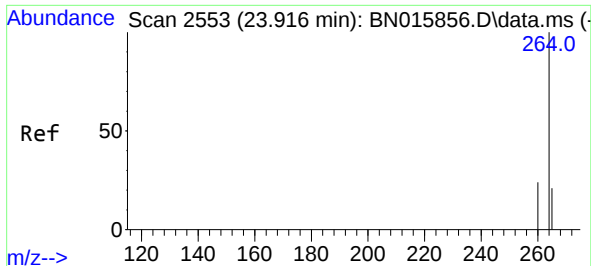
mohammad
8/13/2021 5:13:23 PM



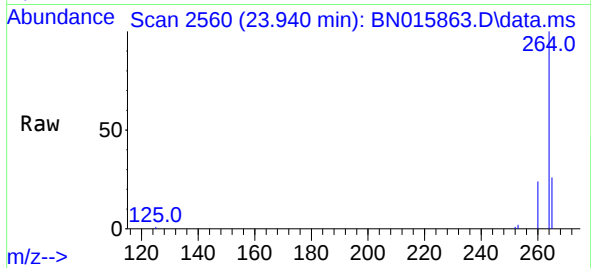
#34
Bis(2-ethylhexyl)phthalate
Concen: 0.095 ng
RT: 21.419 min Scan# 2019
Delta R.T. 0.011 min
Lab File: BN015863.D
Acq: 12 Aug 2021 15:48

Tgt Ion:	149	Resp:	5521
Ion Ratio	Lower	Upper	
149	100		
167	28.8	22.9	34.3
279	6.1	4.4	6.6

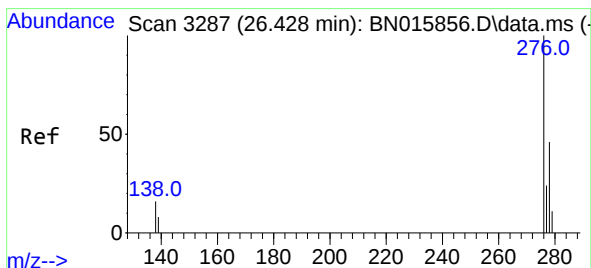
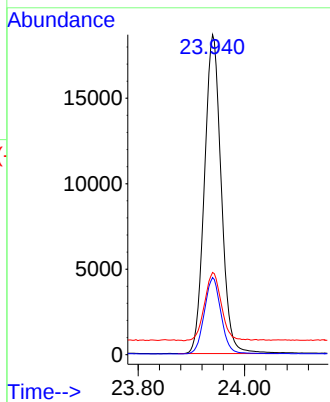
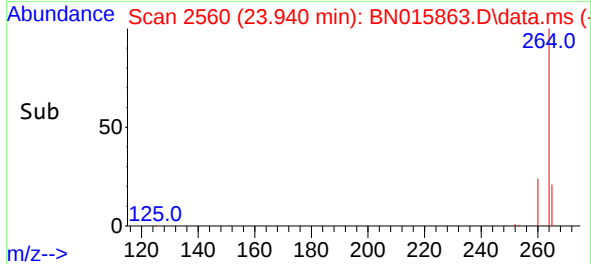




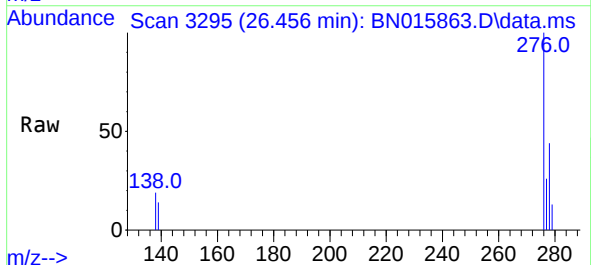
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.940 min Scan# 2560
Delta R.T. 0.024 min
Lab File: BN015863.D
Acq: 12 Aug 2021 15:48



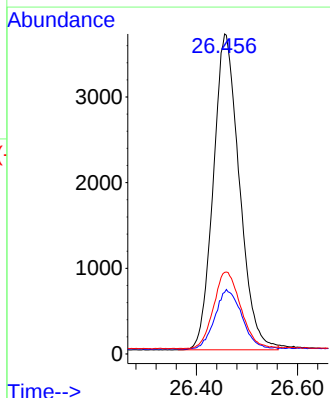
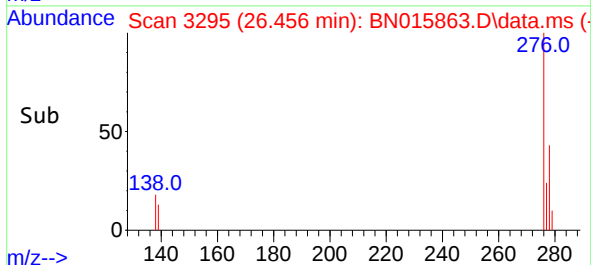
Tgt Ion:264 Resp: 40818
Ion Ratio Lower Upper
264 100
260 24.1 19.1 28.7
265 25.7 19.8 29.8



#36
Indeno(1,2,3-cd)pyrene
Concen: 0.097 ng
RT: 26.456 min Scan# 3295
Delta R.T. 0.027 min
Lab File: BN015863.D
Acq: 12 Aug 2021 15:48



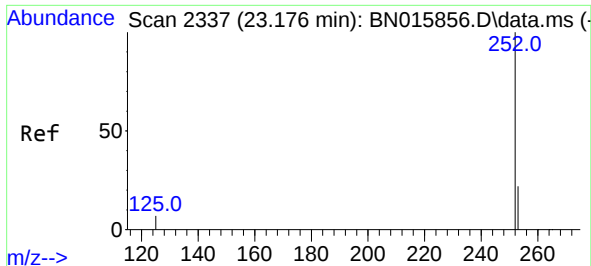
Tgt Ion:276 Resp: 13206
Ion Ratio Lower Upper
276 100
138 19.5 13.8 20.8
277 25.3 20.3 30.5



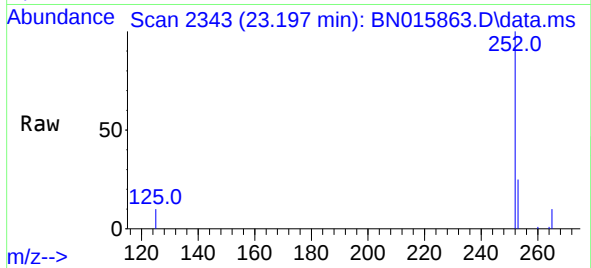
Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

Manual Integrations
APPROVED

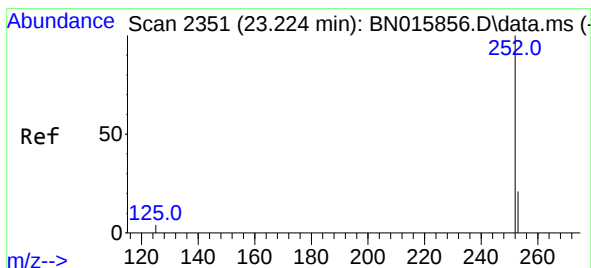
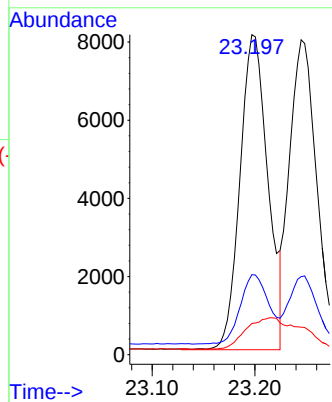
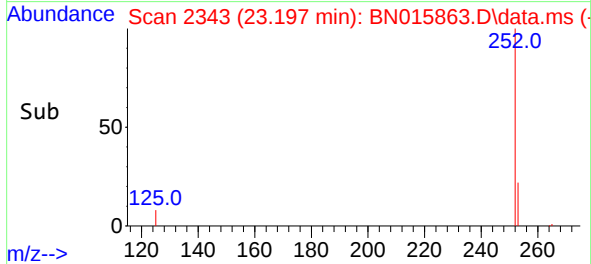
mohammad
8/13/2021 5:13:23 PM



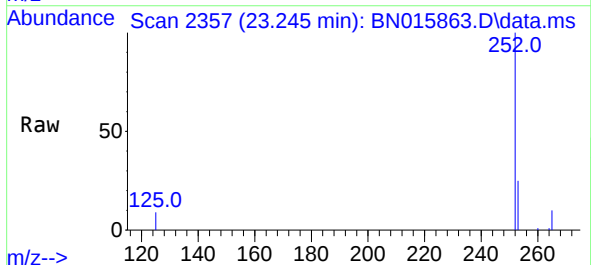
#37
Benzo(b)fluoranthene
Concen: 0.108 ng m
RT: 23.197 min Scan# 2343
Delta R.T. 0.021 min
Lab File: BN015863.D
Acq: 12 Aug 2021 15:48



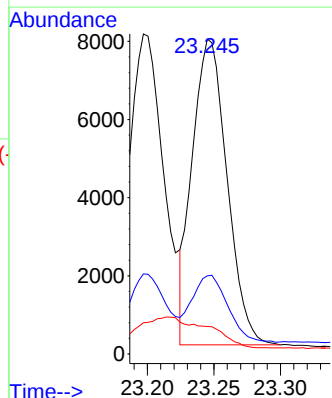
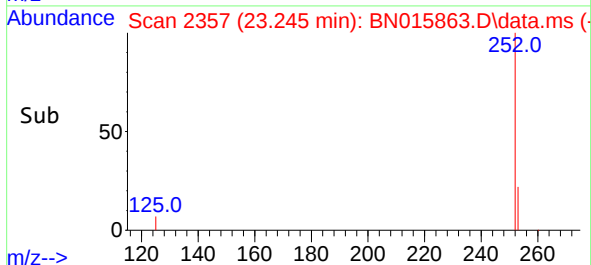
Tgt Ion:252 Resp: 15242
Ion Ratio Lower Upper
252 100
253 25.0 18.2 27.2
125 9.8 6.2 9.4#



#38
Benzo(k)fluoranthene
Concen: 0.107 ng
RT: 23.245 min Scan# 2357
Delta R.T. 0.021 min
Lab File: BN015863.D
Acq: 12 Aug 2021 15:48



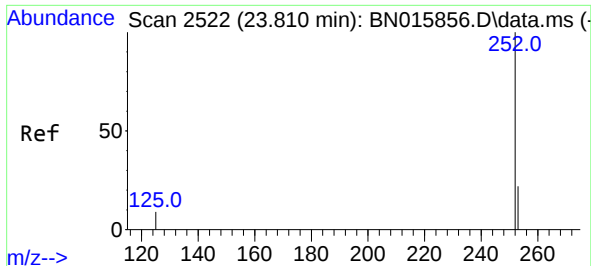
Tgt Ion:252 Resp: 14204
Ion Ratio Lower Upper
252 100
253 24.8 18.1 27.1
125 8.7 5.6 8.4#



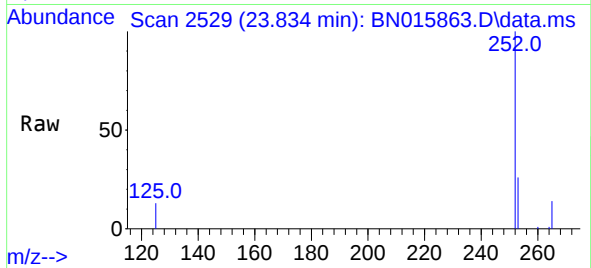
Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

Manual Integrations
APPROVED

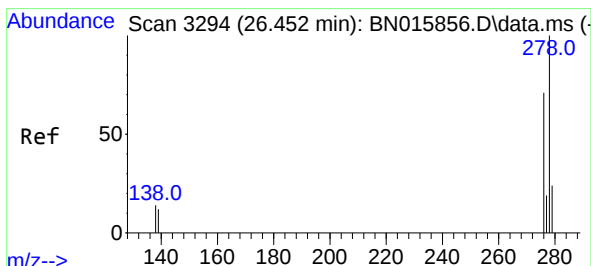
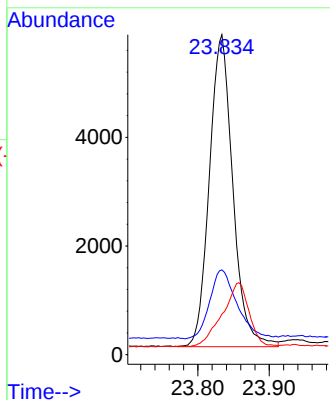
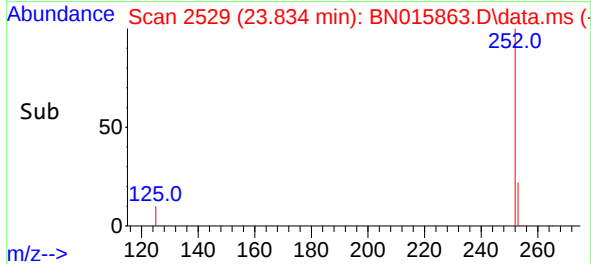
mohammad
8/13/2021 5:13:23 PM



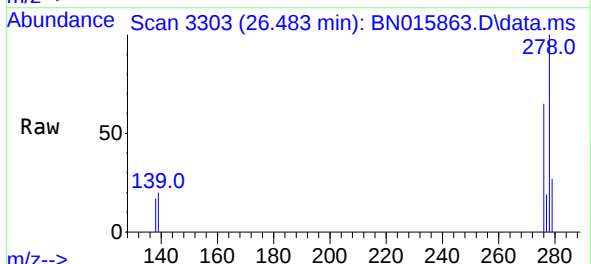
#39
Benzo(a)pyrene
Concen: 0.108 ng
RT: 23.834 min Scan# 2529
Delta R.T. 0.024 min
Lab File: BN015863.D
Acq: 12 Aug 2021 15:48



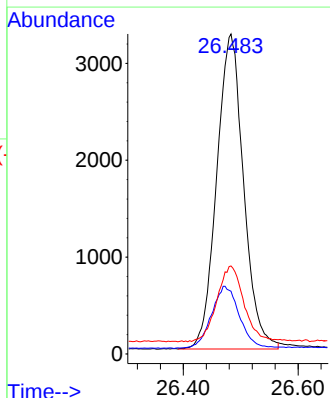
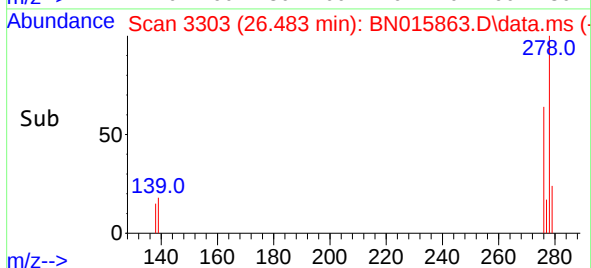
Tgt Ion: 252 Resp: 13096
Ion Ratio Lower Upper
252 100
253 26.5 18.6 27.8
125 12.7 7.3 10.9#



#40
Dibenzo(a,h)anthracene
Concen: 0.095 ng
RT: 26.483 min Scan# 3303
Delta R.T. 0.031 min
Lab File: BN015863.D
Acq: 12 Aug 2021 15:48



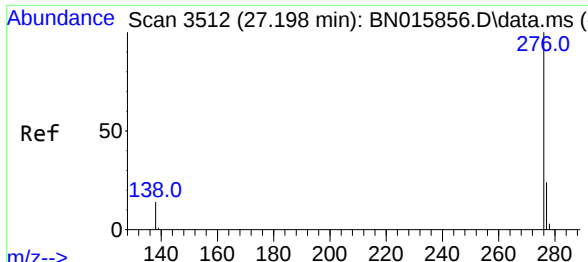
Tgt Ion: 278 Resp: 10587
Ion Ratio Lower Upper
278 100
139 19.6 10.2 15.2#
279 27.5 19.5 29.3



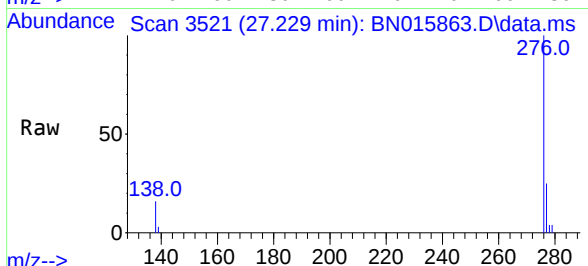
Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

Manual Integrations
APPROVED

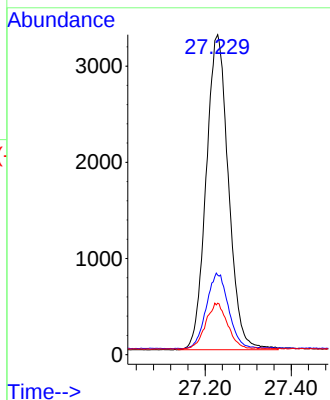
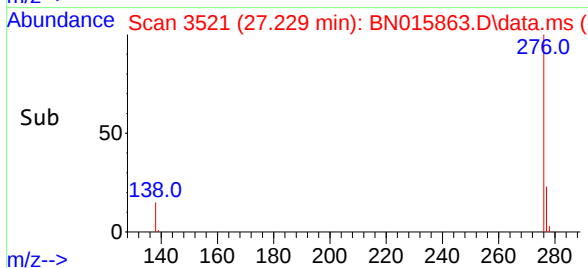
mohammad
8/13/2021 5:13:23 PM



#41
Benzo(g,h,i)perylene
Concen: 0.100 ng
RT: 27.229 min Scan# 3521
Delta R.T. 0.031 min
Lab File: BN015863.D
Acq: 12 Aug 2021 15:48



Tgt Ion:	276	Resp:	11794
Ion Ratio	Lower	Upper	
276	100		
277	24.9	19.5	29.3
138	16.1	11.8	17.8



Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

Manual Integrations
APPROVED

mohammad
8/13/2021 5:13:23 PM