

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080321\
 Data File : BN015776.D
 Acq On : 03 Aug 2021 19:43
 Operator : CG/JU
 Sample : M2940-02
 Misc : LOQ-SOIL-0.1ng
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 LOQ-SOIL-02-QT3-2021

Manual Integrations
 APPROVED

mohammad
 8/4/2021 3:46:41 PM

Quant Time: Aug 04 02:15:37 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN080221.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 04 02:14:12 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.790	152	35003	0.400	ng	0.00
7) Naphthalene-d8	10.572	136	155947	0.400	ng	0.00
13) Acenaphthene-d10	14.408	164	80635	0.400	ng	0.00
19) Phenanthrene-d10	17.164	188	152680	0.400	ng	0.00
29) Chrysene-d12	21.366	240	130769	0.400	ng	0.00
35) Perylene-d12	23.707	264	125949	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.383	112	32540	0.380	ng	0.00
5) Phenol-d6	6.951	99	37583	0.363	ng	0.00
8) Nitrobenzene-d5	8.937	82	29119	0.291	ng	0.01
11) 2-Methylnaphthalene-d10	12.159	152	77889	0.333	ng	0.00
14) 2,4,6-Tribromophenol	15.906	330	8318	0.284	ng	0.00
15) 2-Fluorobiphenyl	13.038	172	105197	0.327	ng	0.00
27) Fluoranthene-d10	19.202	212	127552	0.321	ng	0.00
31) Terphenyl-d14	19.813	244	112870	0.349	ng	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.355	88	790	0.070	ng	# 20
3) n-Nitrosodimethylamine	3.742	42	1791	0.077	ng	# 98
6) bis(2-Chloroethyl)ether	7.218	93	10314	0.110	ng	100
9) Naphthalene	10.622	128	43008	0.105	ng	100
10) Hexachlorobutadiene	10.914	225	7303	0.102	ng	# 99
12) 2-Methylnaphthalene	12.234	142	27968	0.106	ng	100
16) Acenaphthylene	14.129	152	28427	0.086	ng	100
17) Acenaphthene	14.472	154	22736	0.098	ng	99
18) Fluorene	15.461	166	26824	0.097	ng	100
20) 4,6-Dinitro-2-methylph...	15.550	198	287	0.031	ng	# 37
21) 4-Bromophenyl-phenylether	16.360	248	8397	0.094	ng	95
22) Hexachlorobenzene	16.470	284	10260	0.099	ng	99
23) Atrazine	16.628	200	4767	0.086	ng	98
24) Pentachlorophenol	16.811	266	1536	0.048	ng	99
25) Phenanthrene	17.200	178	44829	0.099	ng	98
26) Anthracene	17.298	178	34713	0.091	ng	100
28) Fluoranthene	19.232	202	46367	0.098	ng	100
30) Pyrene	19.599	202	44011	0.101	ng	100
32) Benzo(a)anthracene	21.355	228	36491	0.091	ng	99
33) Chrysene	21.408	228	43112	0.100	ng	99
34) Bis(2-ethylhexyl)phtha...	21.302	149	12211	0.076	ng	99
36) Indeno(1,2,3-cd)pyrene	26.110	276	39245	0.088	ng	97
37) Benzo(b)fluoranthene	22.999	252	42203	0.096	ng	97
38) Benzo(k)fluoranthene	23.046	252	45459m	0.100	ng	
39) Benzo(a)pyrene	23.604	252	33437	0.092	ng	95
40) Dibenzo(a,h)anthracene	26.127	278	32121	0.086	ng	# 88
41) Benzo(g,h,i)perylene	26.836	276	35059	0.090	ng	99

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

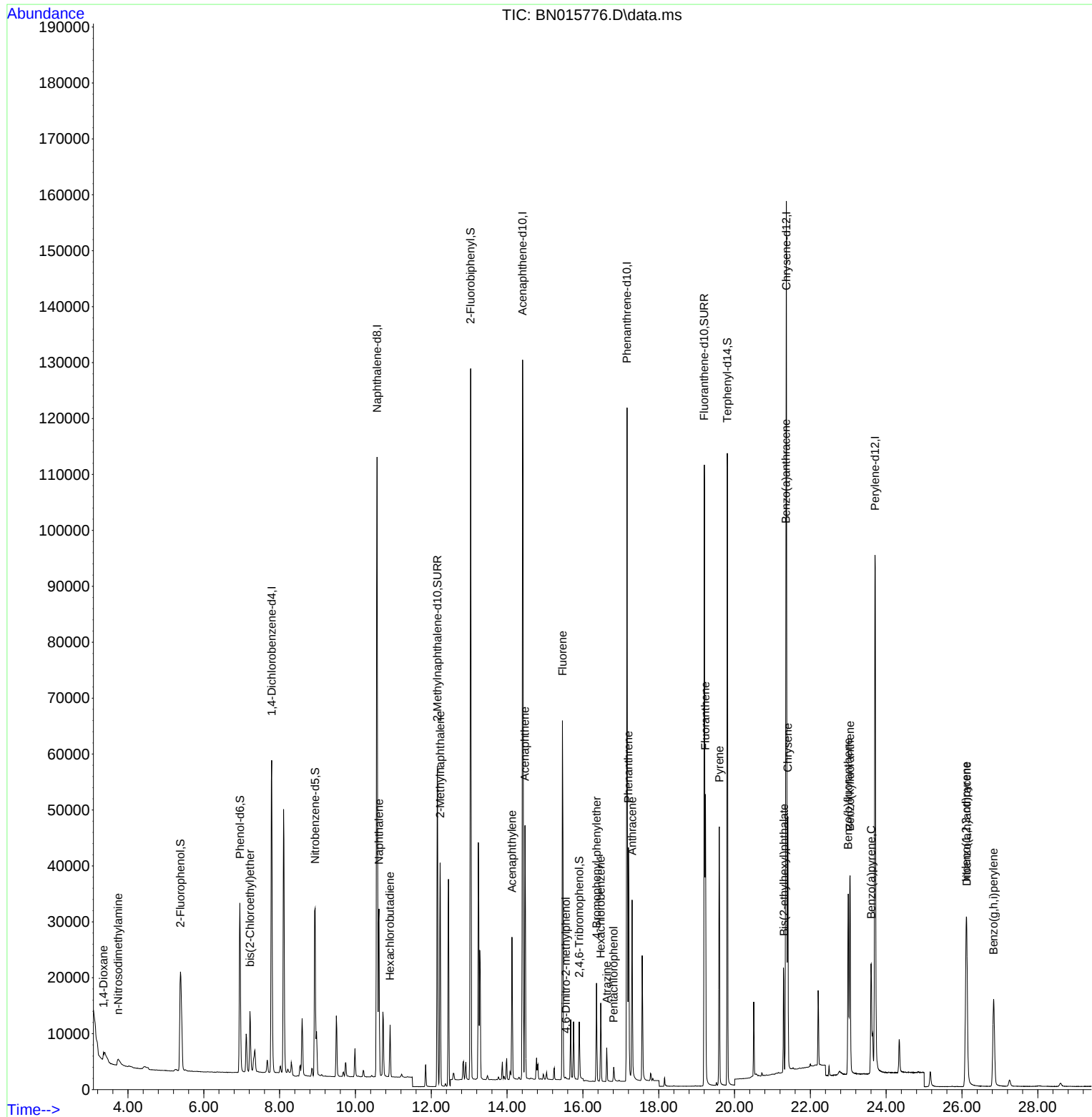
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080321\
Data File : BN015776.D
Acq On : 03 Aug 2021 19:43
Operator : CG/JU
Sample : M2940-02
Misc : LOQ-SOIL-0.1ng
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT3-2021

Manual Integrations
APPROVED

mohammad
8/4/2021 3:46:41 PM

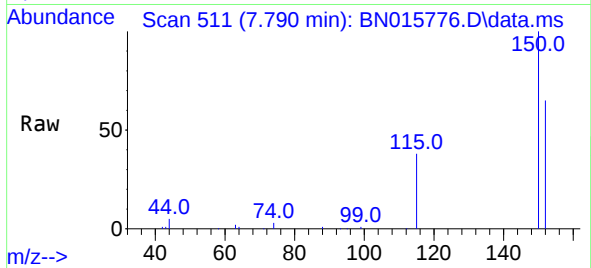
Quant Time: Aug 04 02:15:37 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN080221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 04 02:14:12 2021
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.790 min Scan# 511
Delta R.T. 0.000 min
Lab File: BN015776.D
Acq: 03 Aug 2021 19:43

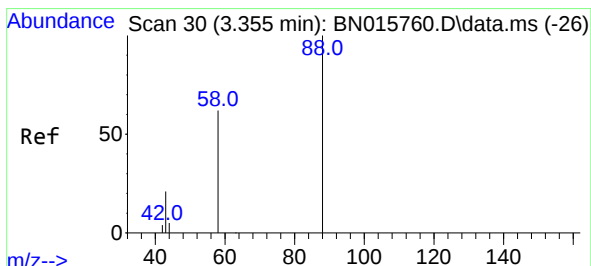
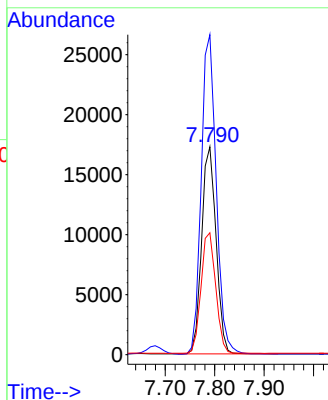
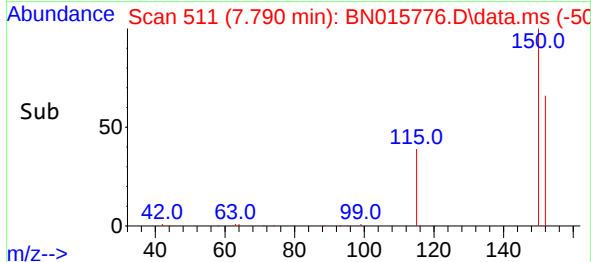
Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT3-2021



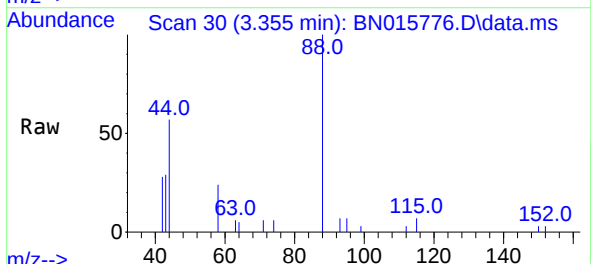
Tgt Ion: 152 Resp: 35003
Ion Ratio Lower Upper
152 100
150 153.9 123.5 185.3
115 58.7 46.8 70.2

Manual Integrations
APPROVED

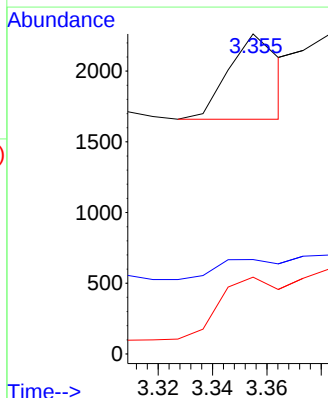
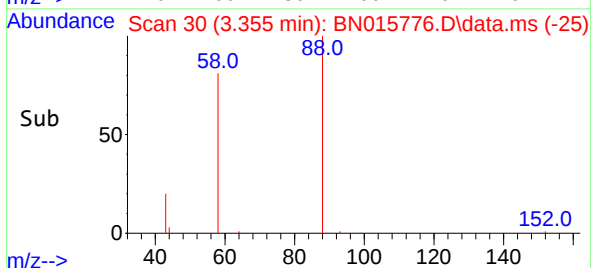
mohammad
8/4/2021 3:46:41 PM



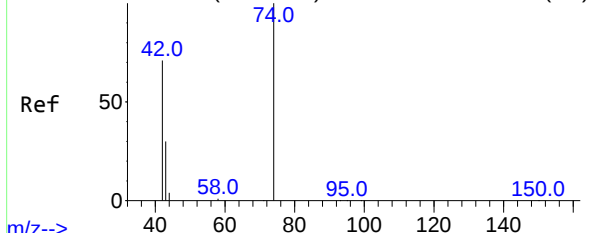
#2
1,4-Dioxane
Concen: 0.070 ng
RT: 3.355 min Scan# 30
Delta R.T. -0.000 min
Lab File: BN015776.D
Acq: 03 Aug 2021 19:43



Tgt Ion: 88 Resp: 790
Ion Ratio Lower Upper
88 100
43 0.0 23.1 34.7#
58 0.0 62.2 93.4#



Abundance Scan 69 (3.715 min): BN015760.D\data.ms (-63)



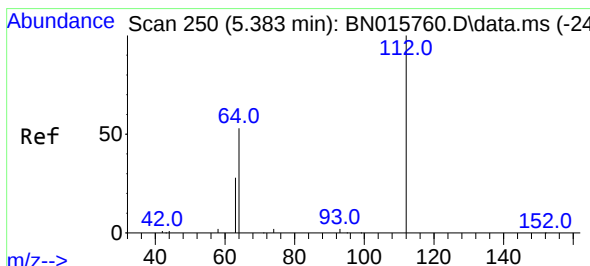
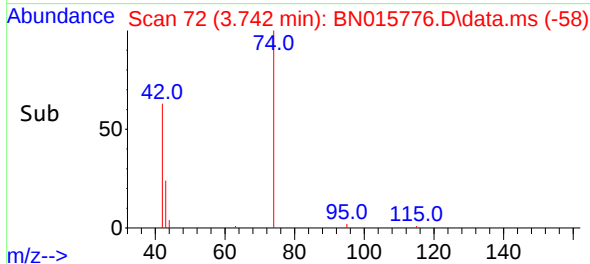
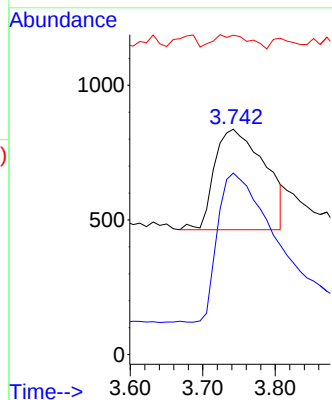
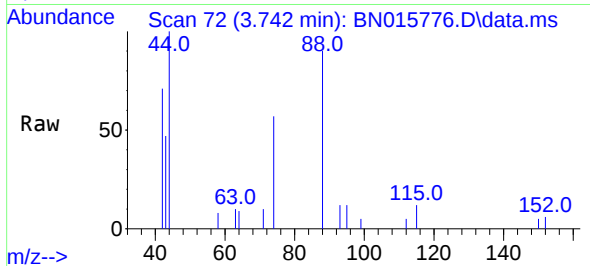
#3
n-Nitrosodimethylamine
Concen: 0.077 ng
RT: 3.742 min Scan# 72
Delta R.T. 0.028 min
Lab File: BN015776.D
Acq: 03 Aug 2021 19:43

Tgt Ion: 42 Resp: 1791
Ion Ratio Lower Upper
42 100
74 144.3 114.4 171.6
44 10.0 3.6 5.4#

Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT3-2021

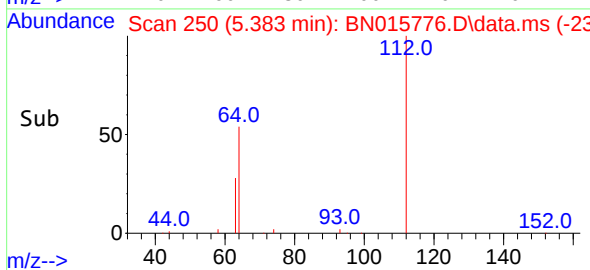
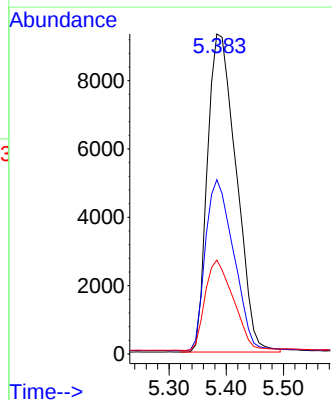
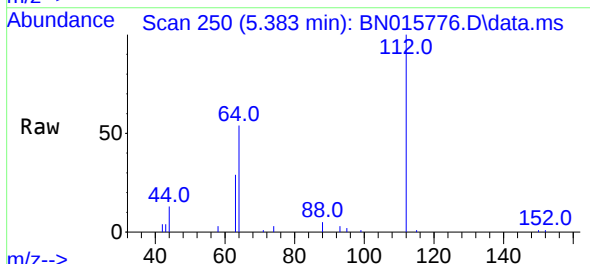
Manual Integrations
APPROVED

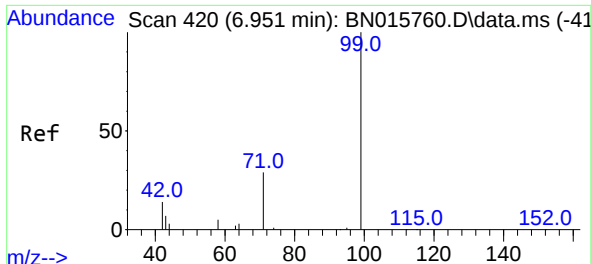
mohammad
8/4/2021 3:46:41 PM



#4
2-Fluorophenol
Concen: 0.380 ng
RT: 5.383 min Scan# 250
Delta R.T. 0.000 min
Lab File: BN015776.D
Acq: 03 Aug 2021 19:43

Tgt Ion: 112 Resp: 32540
Ion Ratio Lower Upper
112 100
64 52.9 42.2 63.4
63 27.8 22.2 33.2





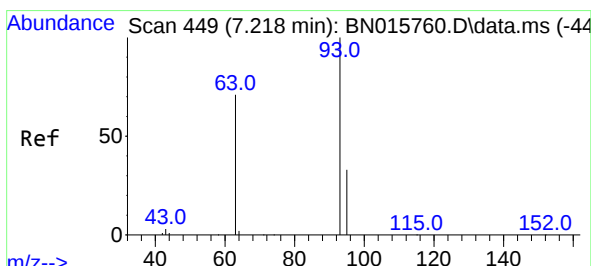
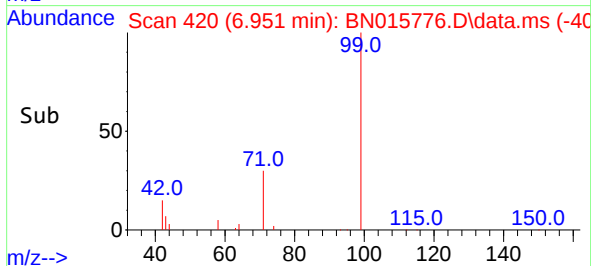
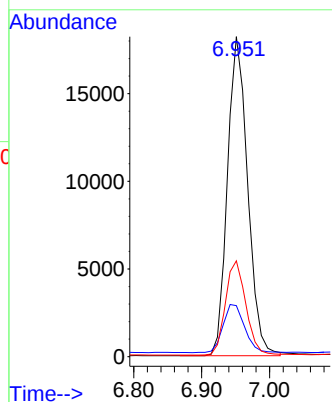
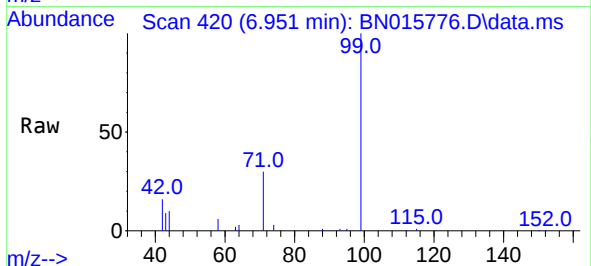
#5
Phenol-d6
Concen: 0.363 ng
RT: 6.951 min Scan# 420
Delta R.T. 0.000 min
Lab File: BN015776.D
Acq: 03 Aug 2021 19:43

Tgt Ion:	99	Resp:	37583
Ion	Ratio	Lower	Upper
99	100		
42	16.1	13.2	19.8
71	29.8	23.8	35.8

Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT3-2021

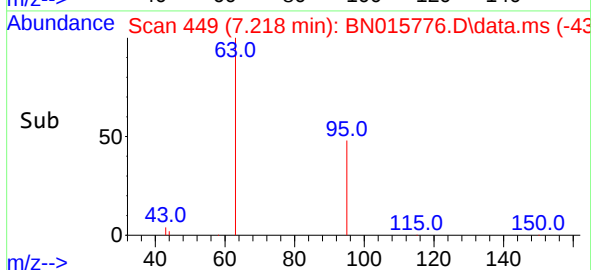
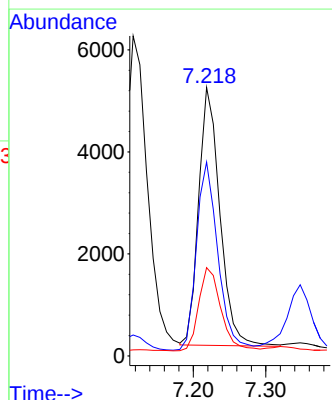
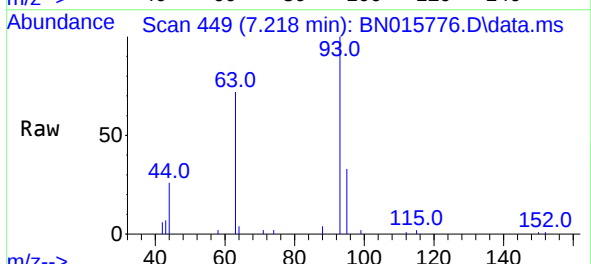
Manual Integrations
APPROVED

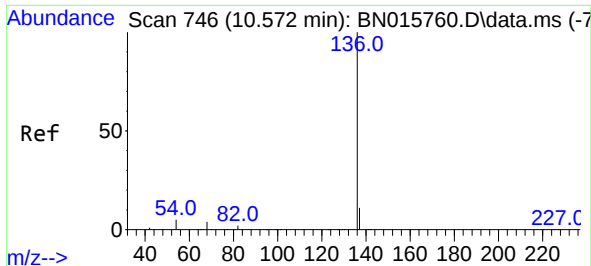
mohammad
8/4/2021 3:46:41 PM



#6
bis(2-Chloroethyl)ether
Concen: 0.110 ng
RT: 7.218 min Scan# 449
Delta R.T. 0.000 min
Lab File: BN015776.D
Acq: 03 Aug 2021 19:43

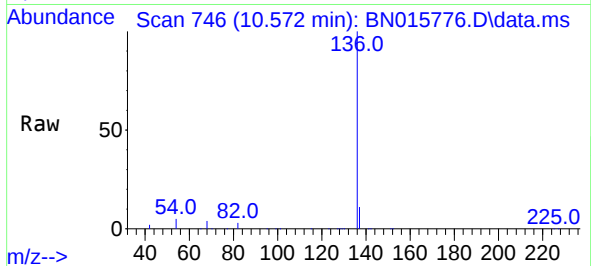
Tgt Ion:	93	Resp:	10314
Ion	Ratio	Lower	Upper
93	100		
63	73.6	58.8	88.2
95	33.8	26.6	39.8





#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.572 min Scan# 746
Delta R.T. 0.000 min
Lab File: BN015776.D
Acq: 03 Aug 2021 19:43

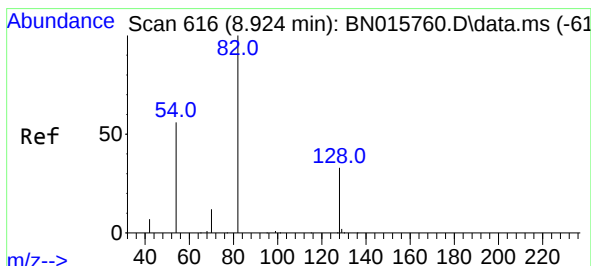
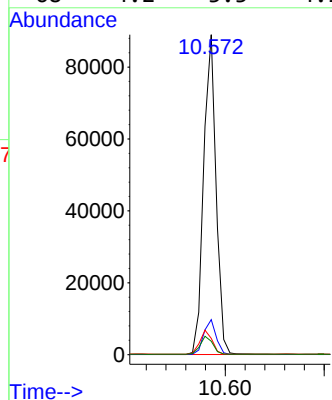
Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT3-2021



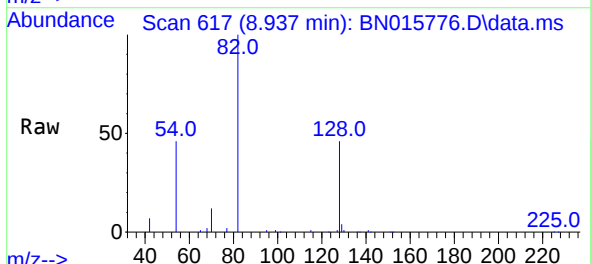
Tgt Ion:	136	Resp:	155947
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	5.1	3.9	5.9
68	4.2	3.3	4.9

Manual Integrations
APPROVED

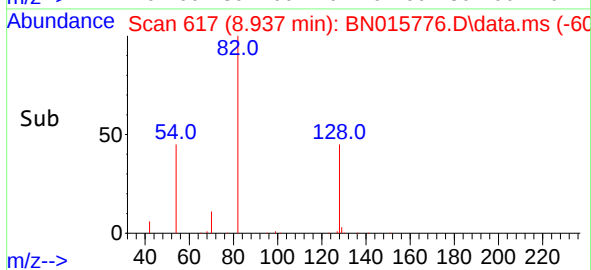
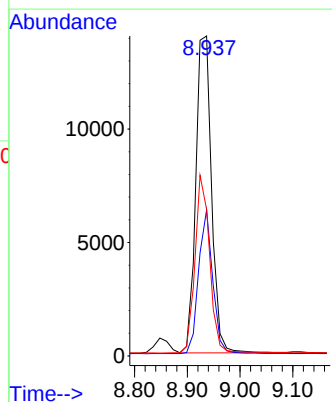
mohammad
8/4/2021 3:46:41 PM

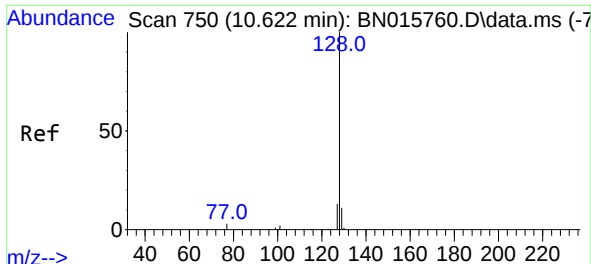


#8
Nitrobenzene-d5
Concen: 0.291 ng
RT: 8.937 min Scan# 617
Delta R.T. 0.013 min
Lab File: BN015776.D
Acq: 03 Aug 2021 19:43



Tgt Ion:	82	Resp:	29119
Ion	Ratio	Lower	Upper
82	100		
128	45.6	26.2	39.4
54	45.8	45.1	67.7





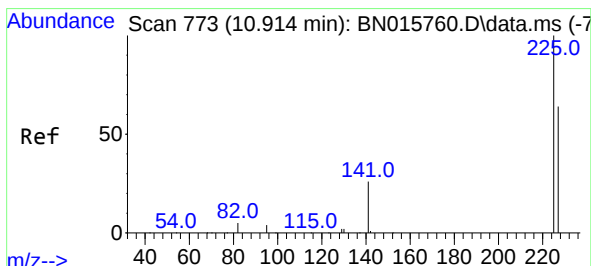
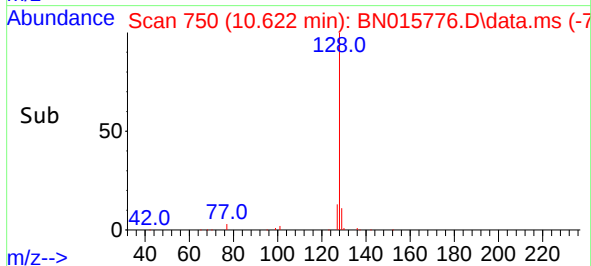
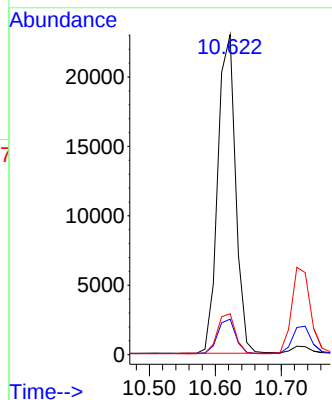
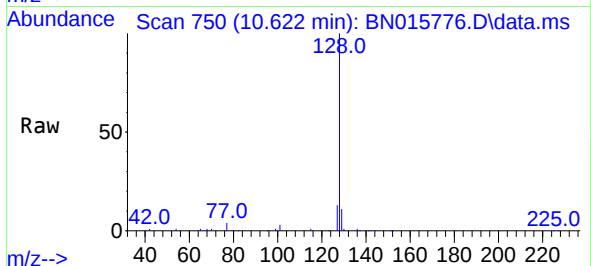
#9
Naphthalene
Concen: 0.105 ng
RT: 10.622 min Scan# 750
Delta R.T. 0.000 min
Lab File: BN015776.D
Acq: 03 Aug 2021 19:43

Tgt Ion:	128	Resp:	43008
Ion Ratio	Lower	Upper	
128	100		
129	11.1	8.8	13.2
127	12.8	10.2	15.2

Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT3-2021

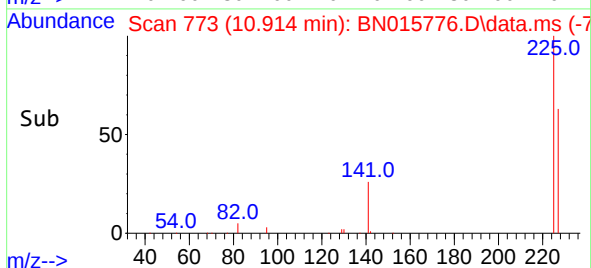
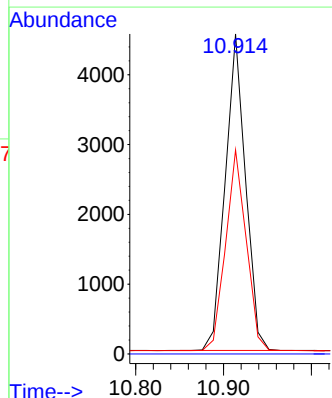
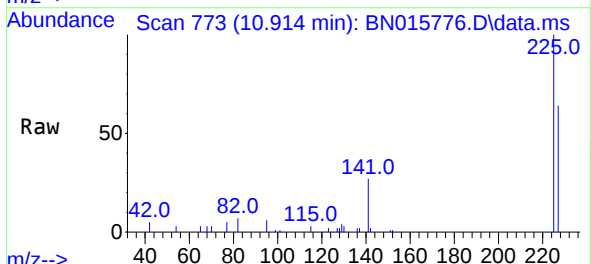
Manual Integrations
APPROVED

mohammad
8/4/2021 3:46:41 PM



#10
Hexachlorobutadiene
Concen: 0.102 ng
RT: 10.914 min Scan# 773
Delta R.T. 0.000 min
Lab File: BN015776.D
Acq: 03 Aug 2021 19:43

Tgt Ion:	225	Resp:	7303
Ion Ratio	Lower	Upper	
225	100		
223	0.0	0.0	0.0
227	64.0	51.5	77.3





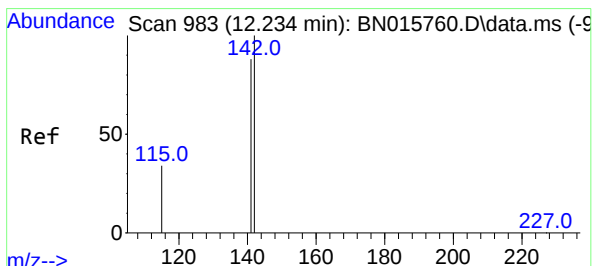
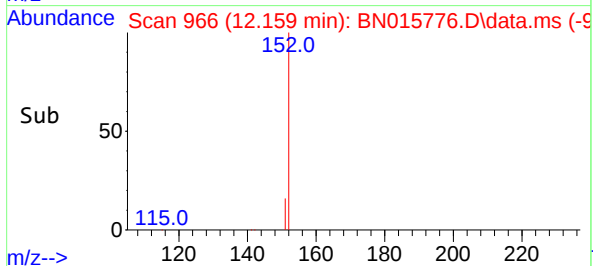
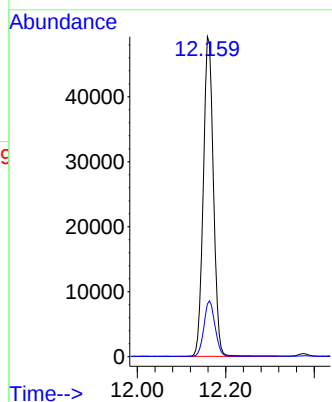
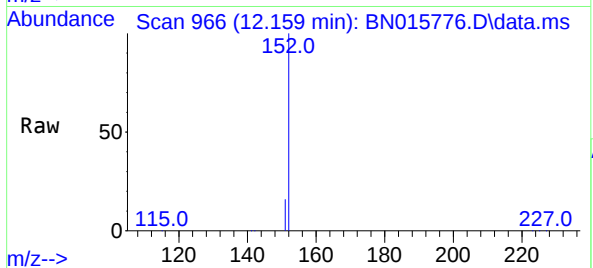
#11
2-Methylnaphthalene-d10
Concen: 0.333 ng
RT: 12.159 min Scan# 966
Delta R.T. -0.004 min
Lab File: BN015776.D
Acq: 03 Aug 2021 19:43

Tgt Ion:152 Resp: 77889
Ion Ratio Lower Upper
152 100
151 19.1 16.2 24.4

Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT3-2021

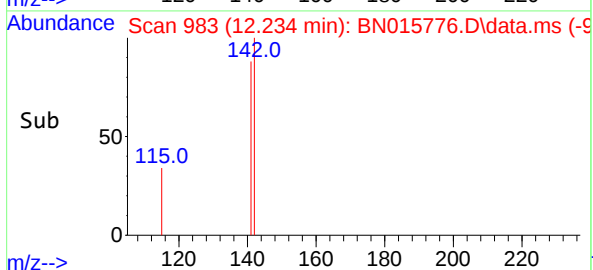
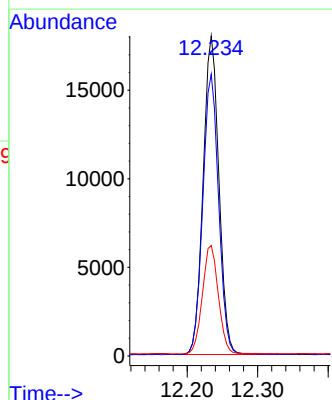
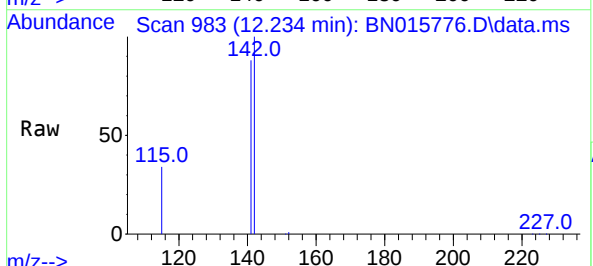
Manual Integrations
APPROVED

mohammad
8/4/2021 3:46:41 PM



#12
2-Methylnaphthalene
Concen: 0.106 ng
RT: 12.234 min Scan# 983
Delta R.T. 0.000 min
Lab File: BN015776.D
Acq: 03 Aug 2021 19:43

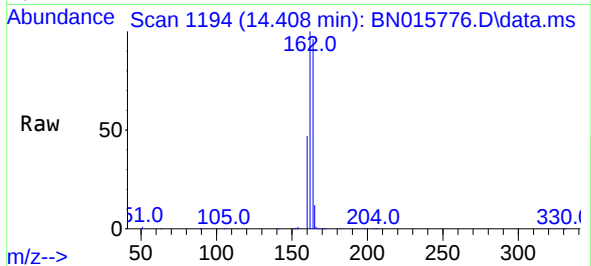
Tgt Ion:142 Resp: 27968
Ion Ratio Lower Upper
142 100
141 88.1 70.5 105.7
115 34.5 27.4 41.0





#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.408 min Scan# 1194
Delta R.T. 0.000 min
Lab File: BN015776.D
Acq: 03 Aug 2021 19:43

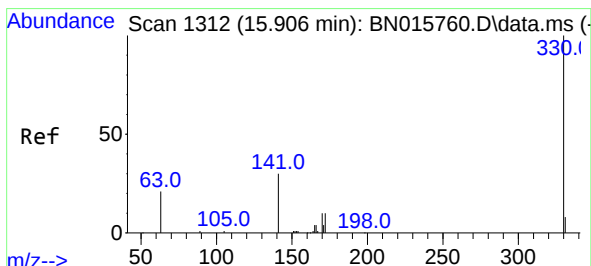
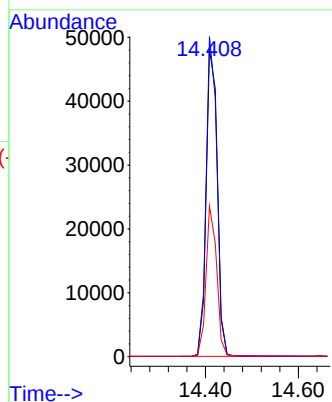
Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT3-2021



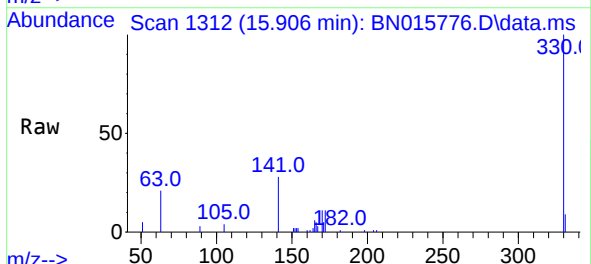
Tgt Ion:164 Resp: 80635
Ion Ratio Lower Upper
164 100
162 104.1 84.2 126.2
160 49.0 39.8 59.6

Manual Integrations
APPROVED

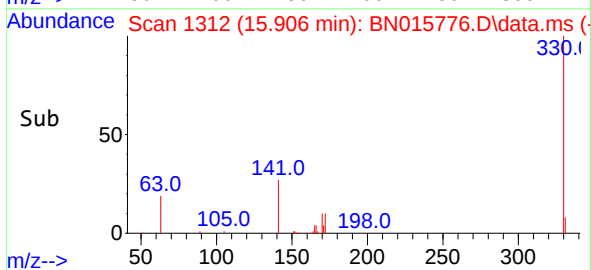
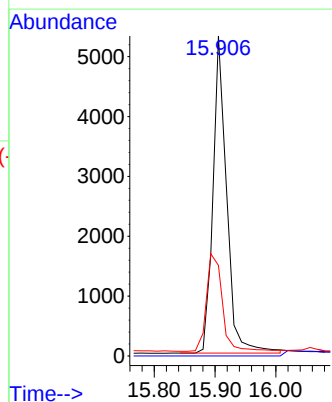
mohammad
8/4/2021 3:46:41 PM

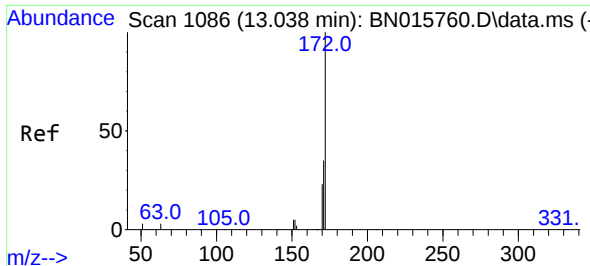


#14
2,4,6-Tribromophenol
Concen: 0.284 ng
RT: 15.906 min Scan# 1312
Delta R.T. 0.000 min
Lab File: BN015776.D
Acq: 03 Aug 2021 19:43



Tgt Ion:330 Resp: 8318
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 35.6 28.2 42.2





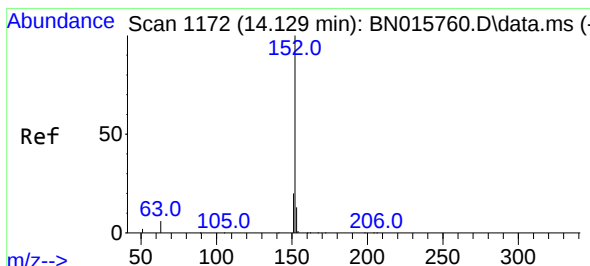
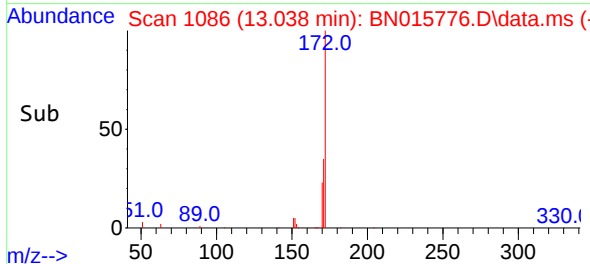
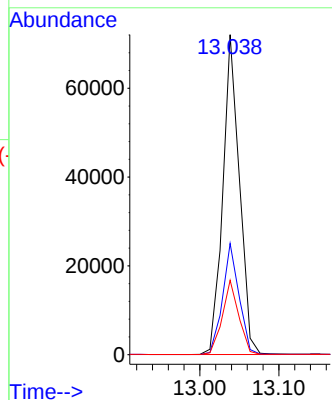
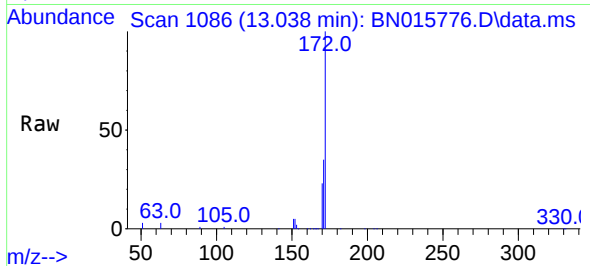
#15
2-Fluorobiphenyl
Concen: 0.327 ng
RT: 13.038 min Scan# 1086
Delta R.T. 0.000 min
Lab File: BN015776.D
Acq: 03 Aug 2021 19:43

Tgt Ion:172 Resp: 105197
Ion Ratio Lower Upper
172 100
171 34.7 27.8 41.8
170 23.3 18.7 28.1

Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT3-2021

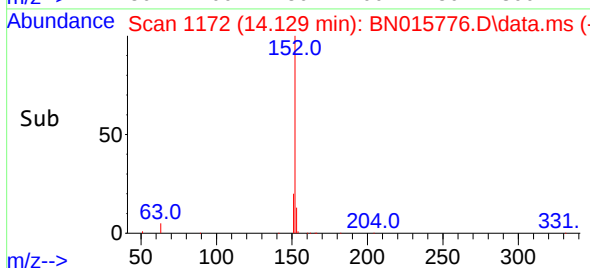
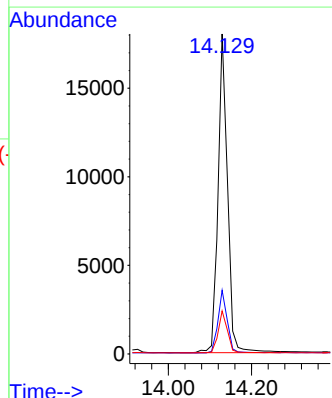
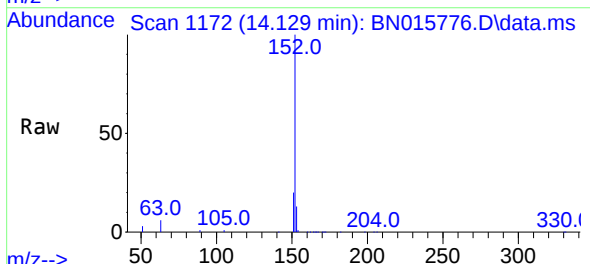
Manual Integrations
APPROVED

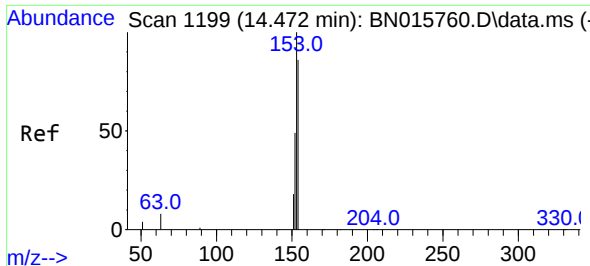
mohammad
8/4/2021 3:46:41 PM



#16
Acenaphthylene
Concen: 0.086 ng
RT: 14.129 min Scan# 1172
Delta R.T. 0.000 min
Lab File: BN015776.D
Acq: 03 Aug 2021 19:43

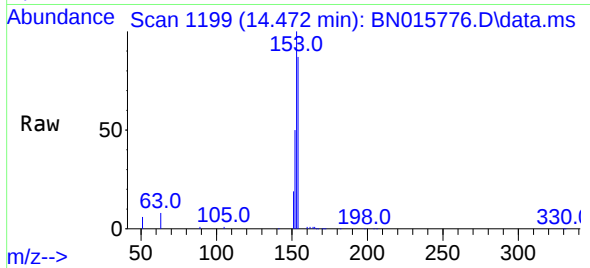
Tgt Ion:152 Resp: 28427
Ion Ratio Lower Upper
152 100
151 19.6 15.7 23.5
153 13.1 10.5 15.7





#17
Acenaphthene
Concen: 0.098 ng
RT: 14.472 min Scan# 1199
Delta R.T. 0.000 min
Lab File: BN015776.D
Acq: 03 Aug 2021 19:43

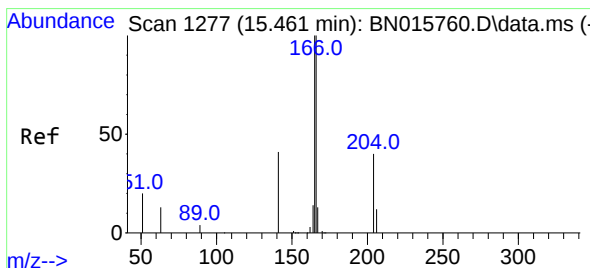
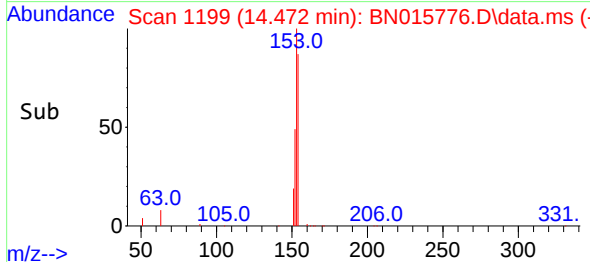
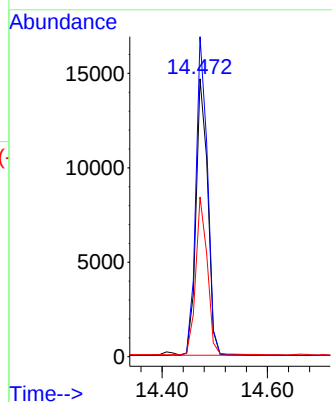
Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT3-2021



Tgt Ion:154 Resp: 22736
Ion Ratio Lower Upper
154 100
153 113.4 90.5 135.7
152 56.2 44.4 66.6

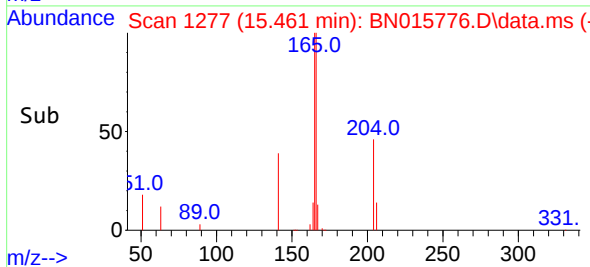
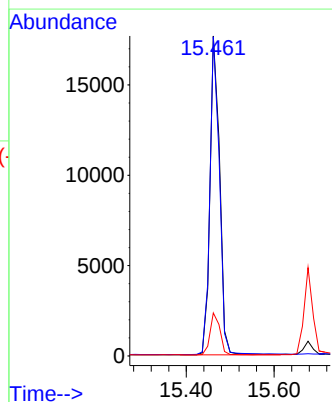
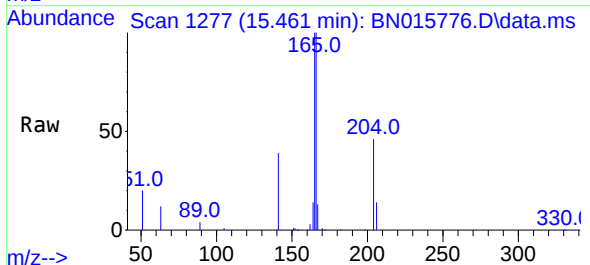
Manual Integrations
APPROVED

mohammad
8/4/2021 3:46:41 PM



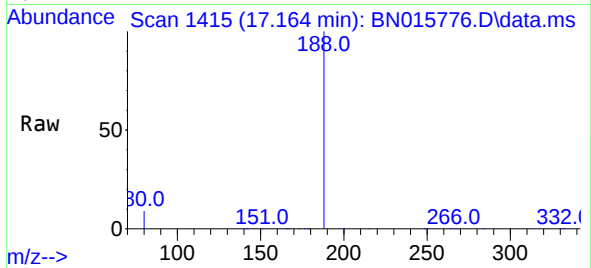
#18
Fluorene
Concen: 0.097 ng
RT: 15.461 min Scan# 1277
Delta R.T. 0.000 min
Lab File: BN015776.D
Acq: 03 Aug 2021 19:43

Tgt Ion:166 Resp: 26824
Ion Ratio Lower Upper
166 100
165 97.9 78.2 117.2
167 13.5 10.7 16.1

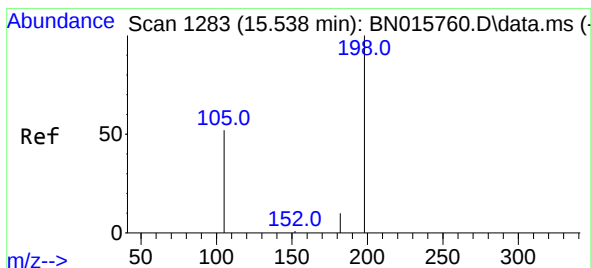
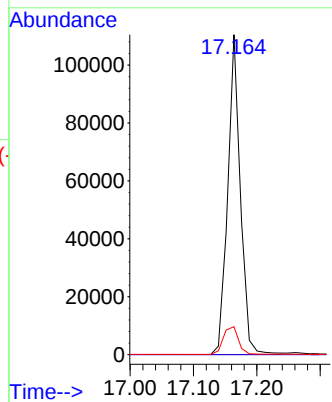
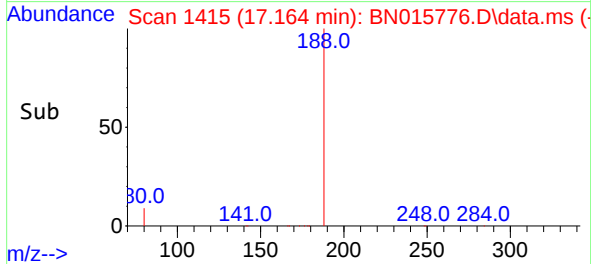




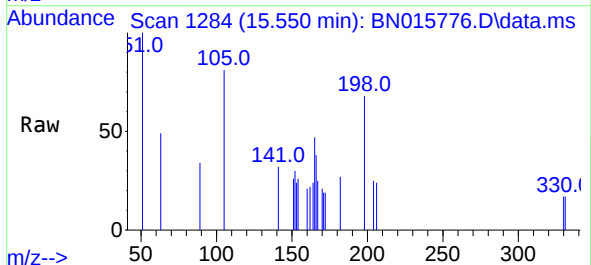
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.164 min Scan# 1415
Delta R.T. 0.000 min
Lab File: BN015776.D
Acq: 03 Aug 2021 19:43



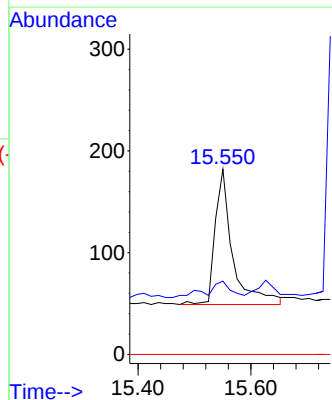
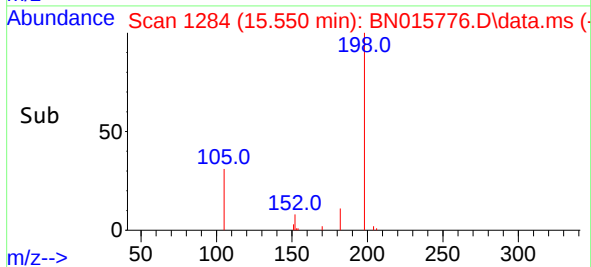
Tgt Ion:188 Resp: 152680
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.7 7.7 11.5



#20
4,6-Dinitro-2-methylphenol
Concen: 0.031 ng
RT: 15.550 min Scan# 1284
Delta R.T. 0.012 min
Lab File: BN015776.D
Acq: 03 Aug 2021 19:43



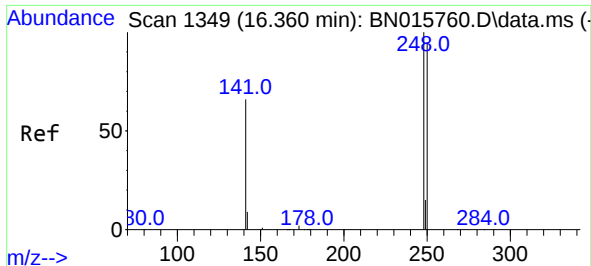
Tgt Ion:198 Resp: 287
Ion Ratio Lower Upper
198 100
182 39.6 11.1 16.7#
77 0.0 0.0 0.0



Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT3-2021

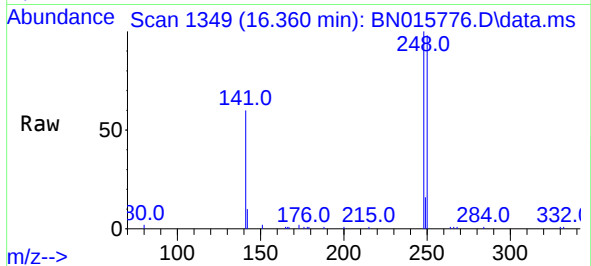
Manual Integrations
APPROVED

mohammad
8/4/2021 3:46:41 PM



#21
4-Bromophenyl-phenylether
Concen: 0.094 ng
RT: 16.360 min Scan# 1349
Delta R.T. 0.000 min
Lab File: BN015776.D
Acq: 03 Aug 2021 19:43

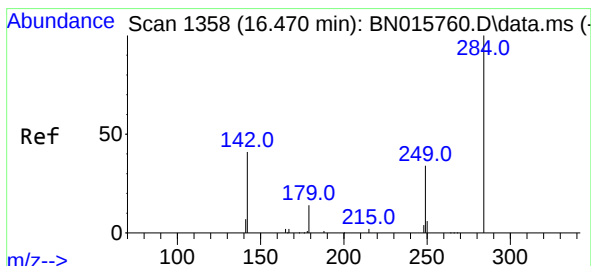
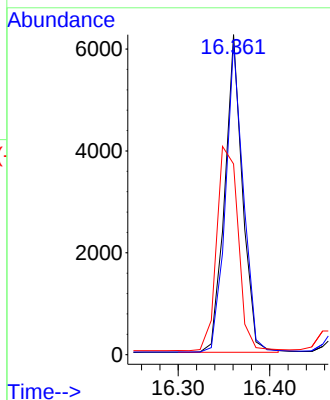
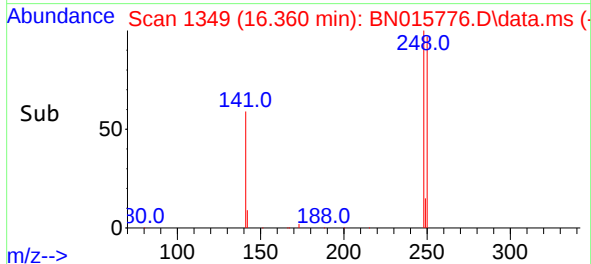
Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT3-2021



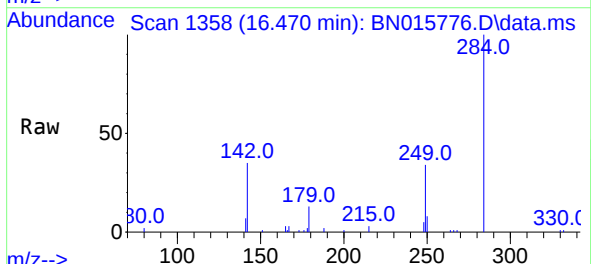
Tgt Ion:248 Resp: 8397
Ion Ratio Lower Upper
248 100
250 97.5 75.8 113.6
141 59.6 52.8 79.2

Manual Integrations
APPROVED

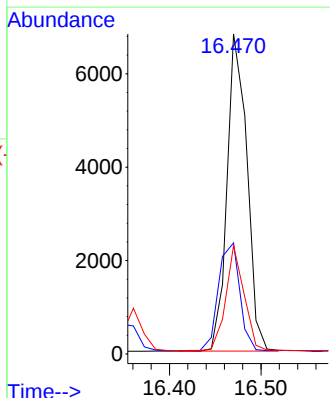
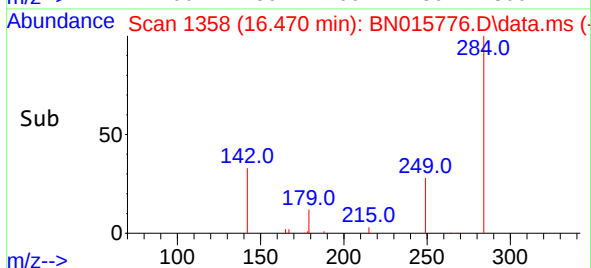
mohammad
8/4/2021 3:46:41 PM

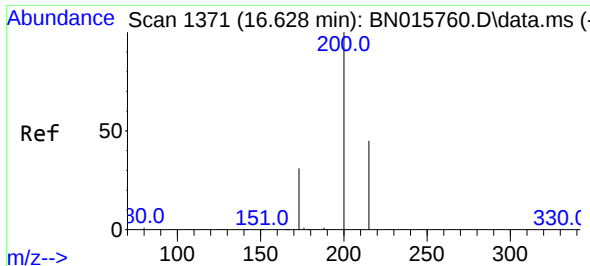


#22
Hexachlorobenzene
Concen: 0.099 ng
RT: 16.470 min Scan# 1358
Delta R.T. 0.000 min
Lab File: BN015776.D
Acq: 03 Aug 2021 19:43



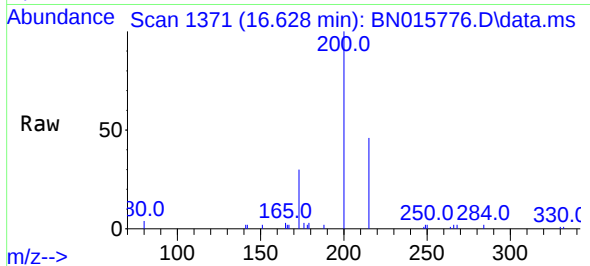
Tgt Ion:284 Resp: 10260
Ion Ratio Lower Upper
284 100
142 36.3 29.4 44.2
249 30.1 23.8 35.6





#23
Atrazine
Concen: 0.086 ng
RT: 16.628 min Scan# 1371
Delta R.T. 0.000 min
Lab File: BN015776.D
Acq: 03 Aug 2021 19:43

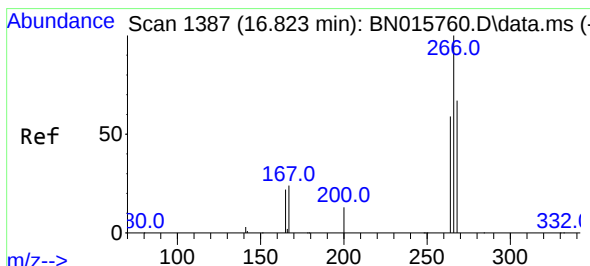
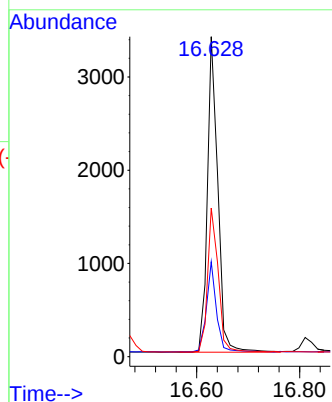
Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT3-2021



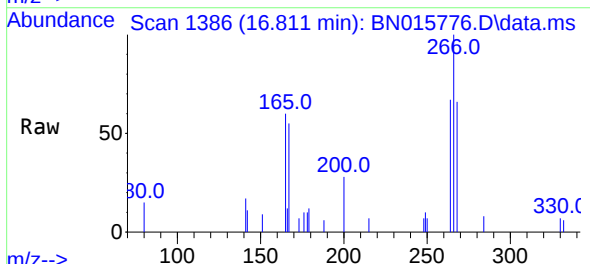
Tgt Ion:200 Resp: 4767
Ion Ratio Lower Upper
200 100
173 29.7 25.0 37.6
215 46.4 36.3 54.5

Manual Integrations
APPROVED

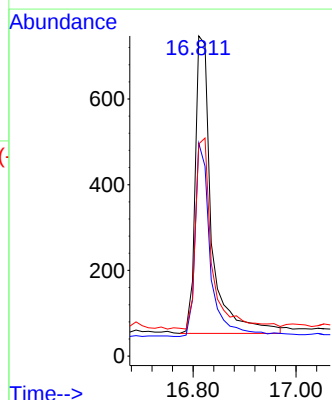
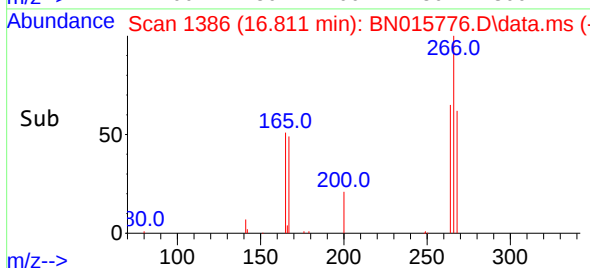
mohammad
8/4/2021 3:46:41 PM

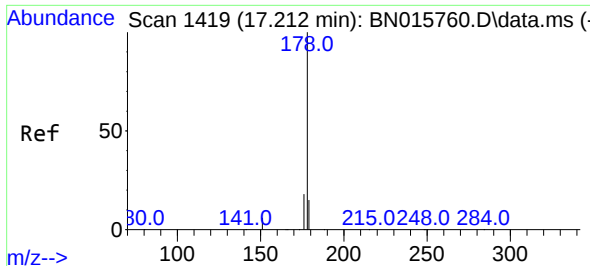


#24
Pentachlorophenol
Concen: 0.048 ng
RT: 16.811 min Scan# 1386
Delta R.T. -0.012 min
Lab File: BN015776.D
Acq: 03 Aug 2021 19:43



Tgt Ion:266 Resp: 1536
Ion Ratio Lower Upper
266 100
264 61.1 49.7 74.5
268 63.4 51.8 77.6





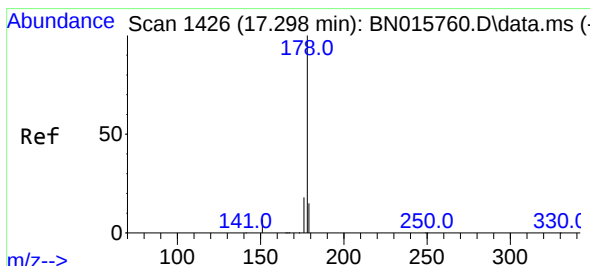
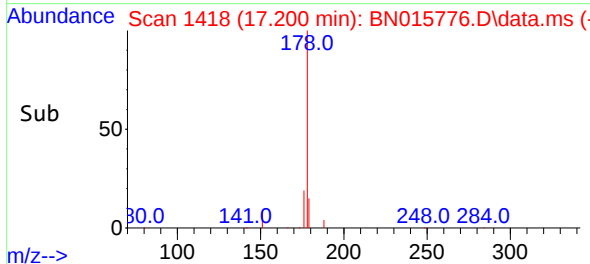
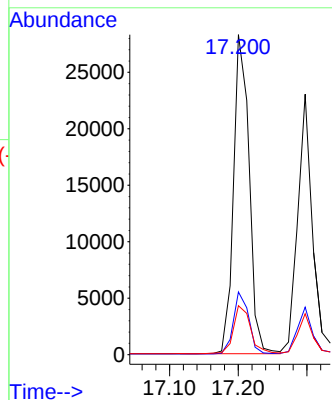
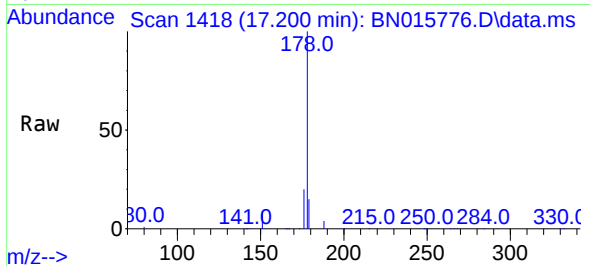
#25
Phenanthrene
Concen: 0.099 ng
RT: 17.200 min Scan# 1418
Delta R.T. -0.012 min
Lab File: BN015776.D
Acq: 03 Aug 2021 19:43

Tgt Ion:178 Resp: 44829
Ion Ratio Lower Upper
178 100
176 19.1 15.1 22.7
179 16.6 12.2 18.4

Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT3-2021

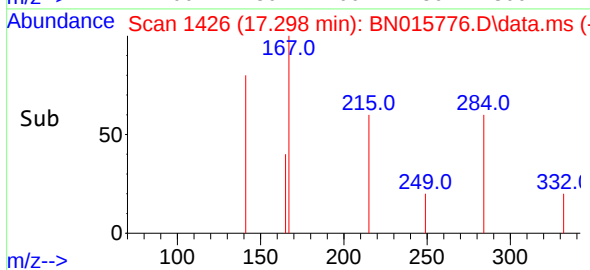
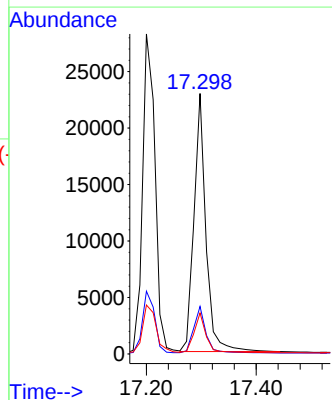
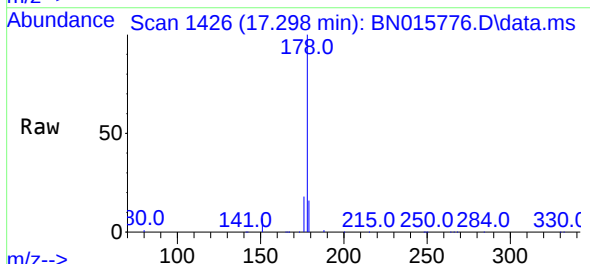
Manual Integrations
APPROVED

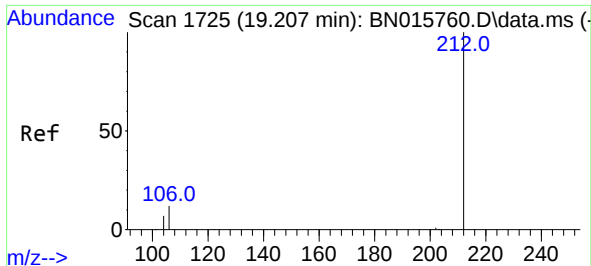
mohammad
8/4/2021 3:46:41 PM



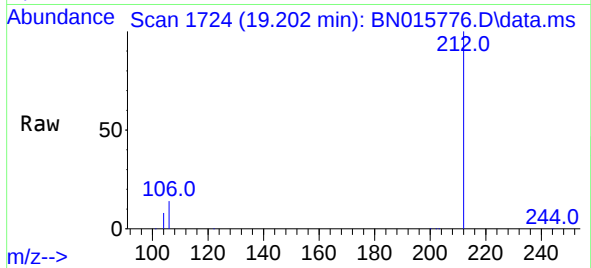
#26
Anthracene
Concen: 0.091 ng
RT: 17.298 min Scan# 1426
Delta R.T. 0.000 min
Lab File: BN015776.D
Acq: 03 Aug 2021 19:43

Tgt Ion:178 Resp: 34713
Ion Ratio Lower Upper
178 100
176 18.3 14.6 22.0
179 15.2 12.2 18.4

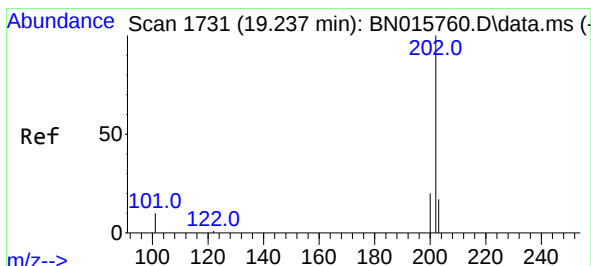
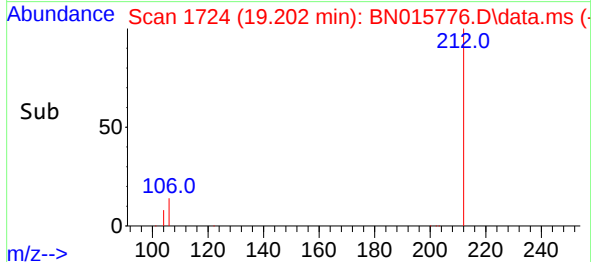
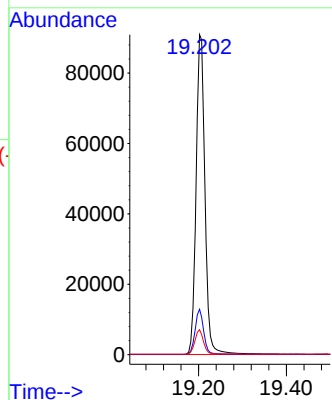




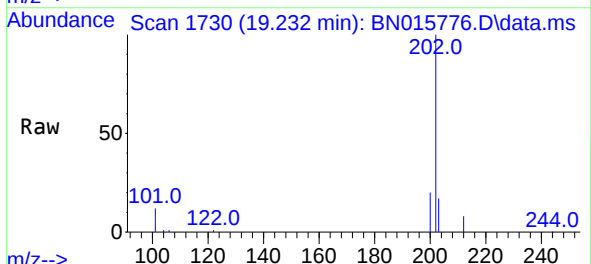
#27
Fluoranthene-d10
Concen: 0.321 ng
RT: 19.202 min Scan# 1724
Delta R.T. -0.005 min
Lab File: BN015776.D
Acq: 03 Aug 2021 19:43



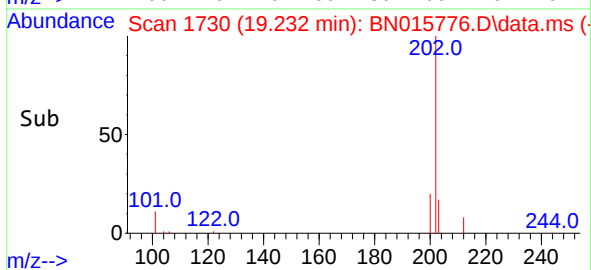
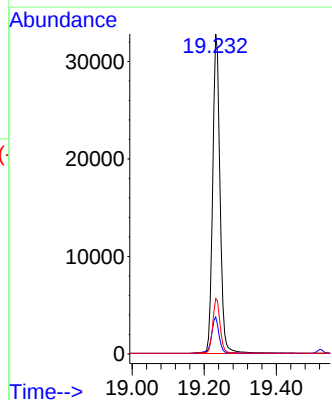
Tgt Ion:212 Resp: 127552
Ion Ratio Lower Upper
212 100
106 13.6 10.8 16.2
104 7.4 6.0 9.0



#28
Fluoranthene
Concen: 0.098 ng
RT: 19.232 min Scan# 1730
Delta R.T. -0.005 min
Lab File: BN015776.D
Acq: 03 Aug 2021 19:43



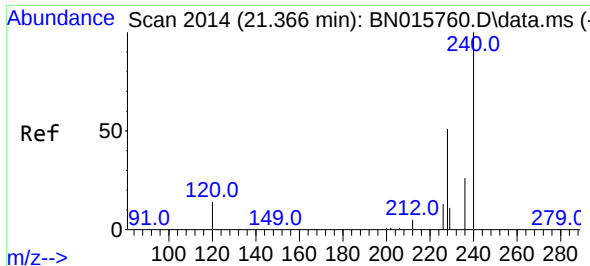
Tgt Ion:202 Resp: 46367
Ion Ratio Lower Upper
202 100
101 11.5 9.0 13.6
203 17.2 13.8 20.8



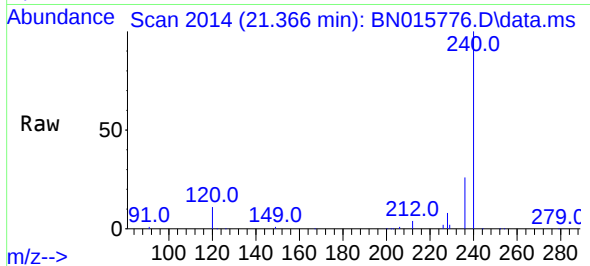
Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT3-2021

Manual Integrations
APPROVED

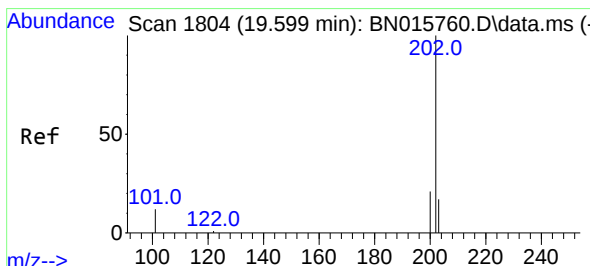
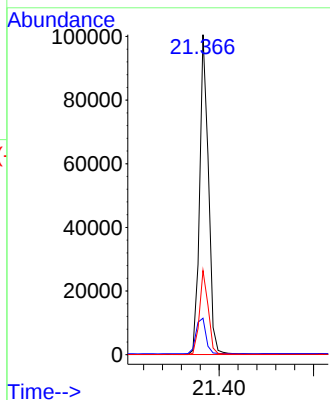
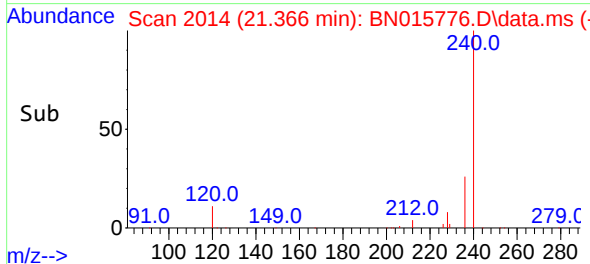
mohammad
8/4/2021 3:46:41 PM



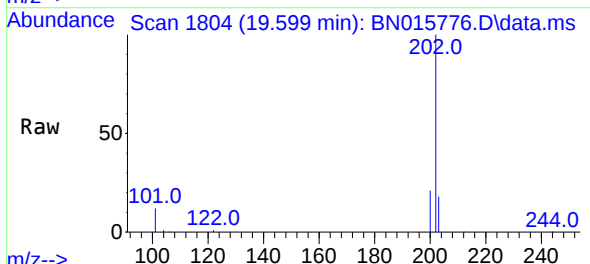
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.366 min Scan# 2014
Delta R.T. 0.000 min
Lab File: BN015776.D
Acq: 03 Aug 2021 19:43



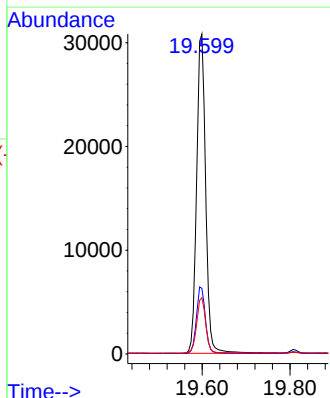
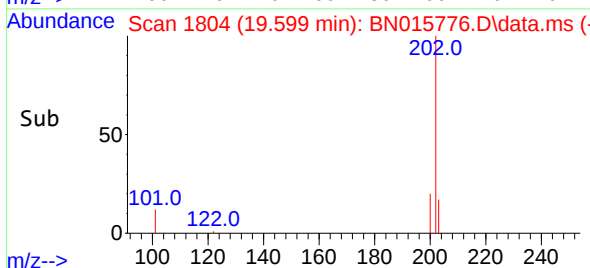
Tgt Ion:240 Resp: 130769
Ion Ratio Lower Upper
240 100
120 11.4 11.4 17.0
236 26.3 21.2 31.8



#30
Pyrene
Concen: 0.101 ng
RT: 19.599 min Scan# 1804
Delta R.T. 0.000 min
Lab File: BN015776.D
Acq: 03 Aug 2021 19:43



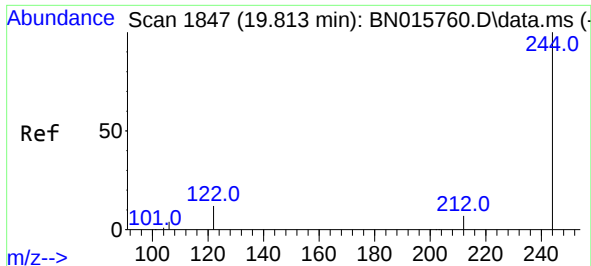
Tgt Ion:202 Resp: 44011
Ion Ratio Lower Upper
202 100
200 20.7 16.5 24.7
203 17.4 13.9 20.9



Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT3-2021

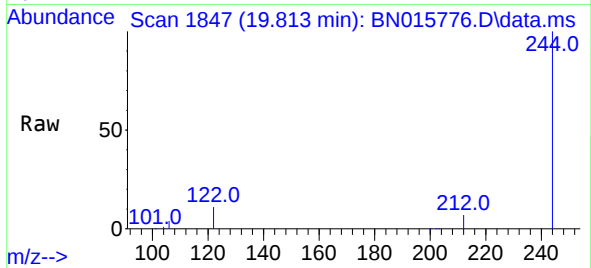
Manual Integrations
APPROVED

mohammad
8/4/2021 3:46:41 PM



#31
Terphenyl-d14
Concen: 0.349 ng
RT: 19.813 min Scan# 1847
Delta R.T. 0.000 min
Lab File: BN015776.D
Acq: 03 Aug 2021 19:43

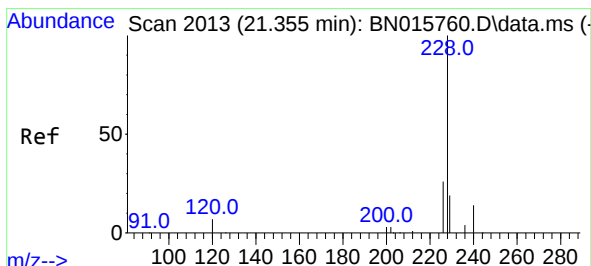
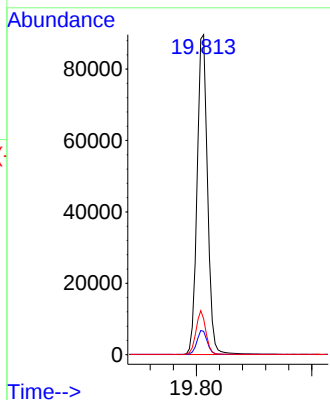
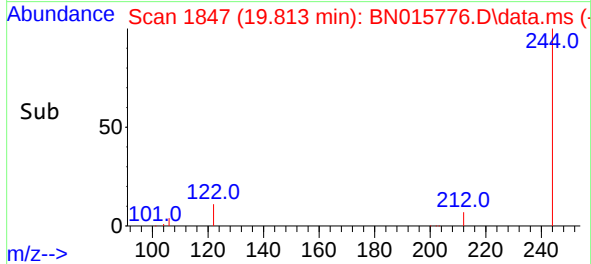
Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT3-2021



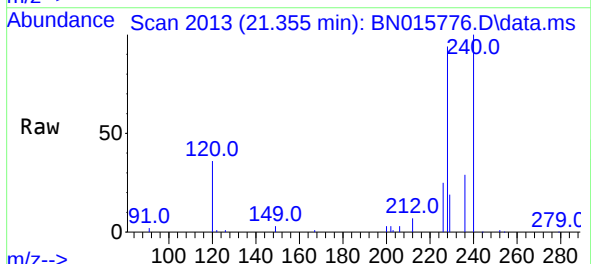
Tgt Ion:244 Resp: 112870
Ion Ratio Lower Upper
244 100
212 7.3 5.9 8.9
122 11.2 9.7 14.5

Manual Integrations
APPROVED

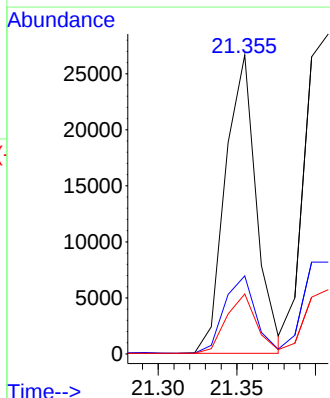
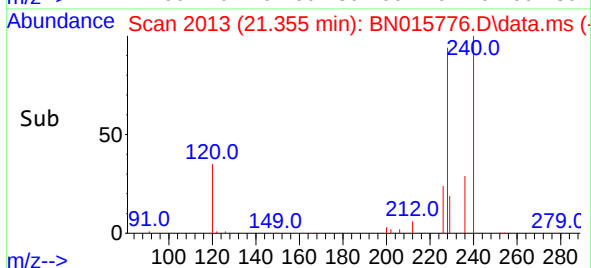
mohammad
8/4/2021 3:46:41 PM

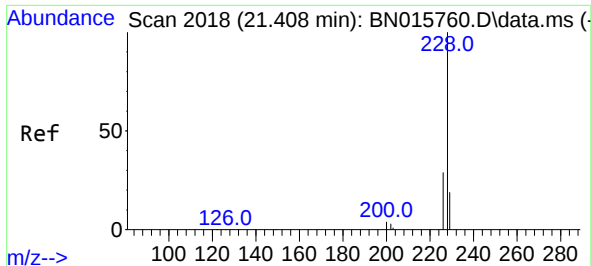


#32
Benzo(a)anthracene
Concen: 0.091 ng
RT: 21.355 min Scan# 2013
Delta R.T. 0.000 min
Lab File: BN015776.D
Acq: 03 Aug 2021 19:43



Tgt Ion:228 Resp: 36491
Ion Ratio Lower Upper
228 100
226 26.1 21.2 31.8
229 20.0 15.6 23.4





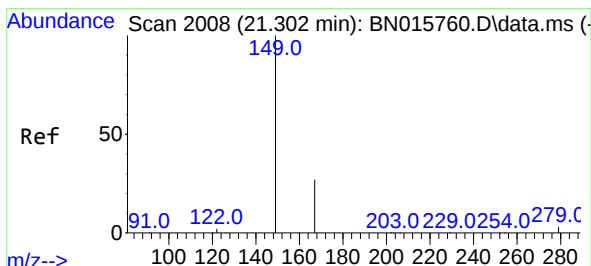
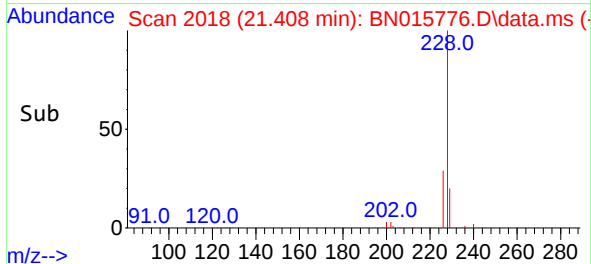
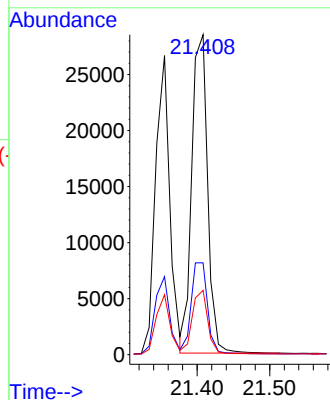
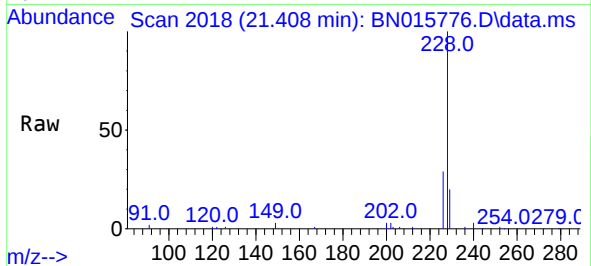
#33
Chrysene
Concen: 0.100 ng
RT: 21.408 min Scan# 2018
Delta R.T. 0.000 min
Lab File: BN015776.D
Acq: 03 Aug 2021 19:43

Tgt Ion: 228 Resp: 43112
Ion Ratio Lower Upper
228 100
226 28.7 23.3 34.9
229 20.1 15.7 23.5

Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT3-2021

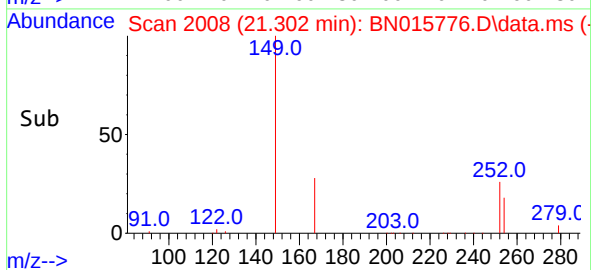
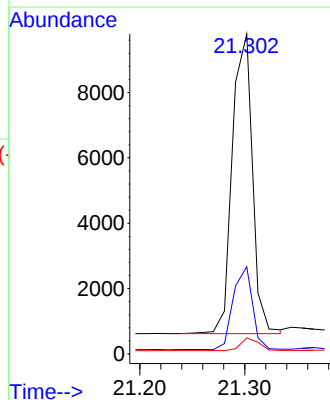
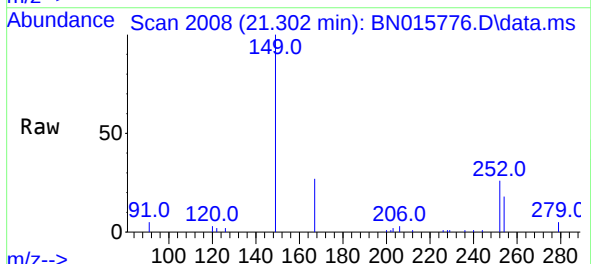
Manual Integrations
APPROVED

mohammad
8/4/2021 3:46:41 PM



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.076 ng
RT: 21.302 min Scan# 2008
Delta R.T. -0.000 min
Lab File: BN015776.D
Acq: 03 Aug 2021 19:43

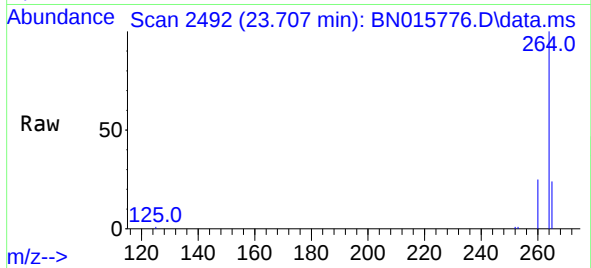
Tgt Ion: 149 Resp: 12211
Ion Ratio Lower Upper
149 100
167 27.0 21.2 31.8
279 3.9 3.2 4.8





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.707 min Scan# 2492
Delta R.T. -0.007 min
Lab File: BN015776.D
Acq: 03 Aug 2021 19:43

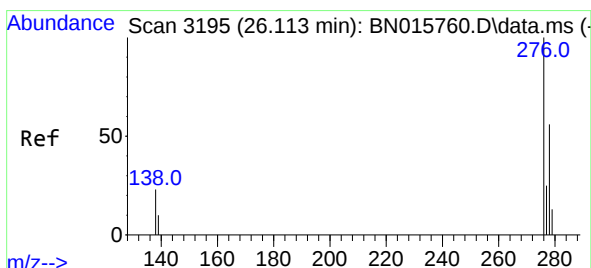
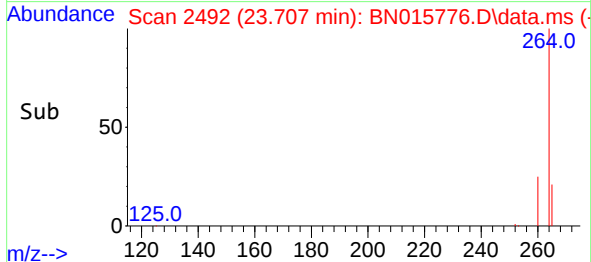
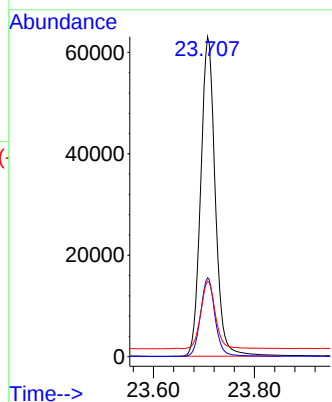
Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT3-2021



Tgt Ion:264 Resp: 125949
Ion Ratio Lower Upper
264 100
260 24.7 19.5 29.3
265 23.6 19.2 28.8

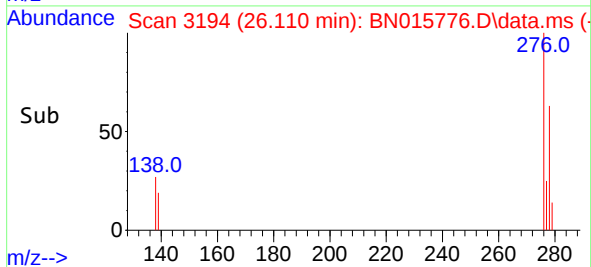
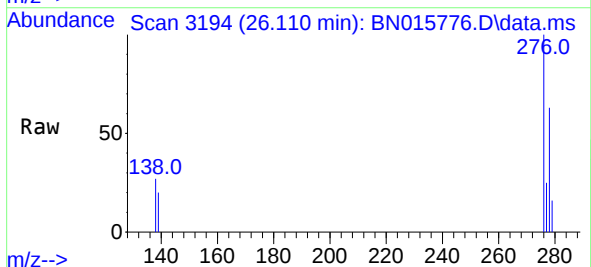
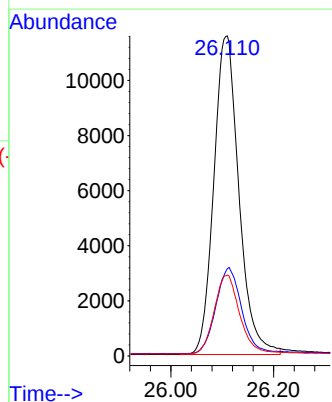
Manual Integrations
APPROVED

mohammad
8/4/2021 3:46:41 PM



#36
Indeno(1,2,3-cd)pyrene
Concen: 0.088 ng
RT: 26.110 min Scan# 3194
Delta R.T. -0.003 min
Lab File: BN015776.D
Acq: 03 Aug 2021 19:43

Tgt Ion:276 Resp: 39245
Ion Ratio Lower Upper
276 100
138 27.7 19.6 29.4
277 25.1 20.0 30.0





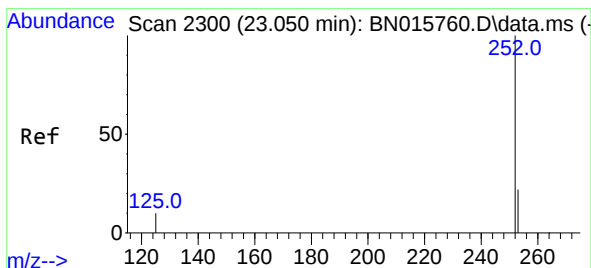
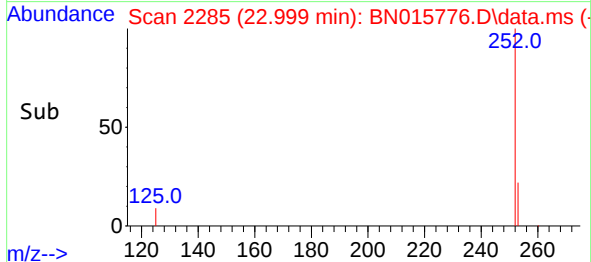
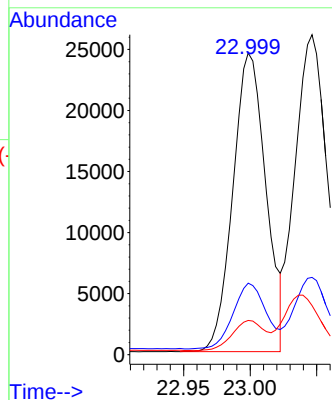
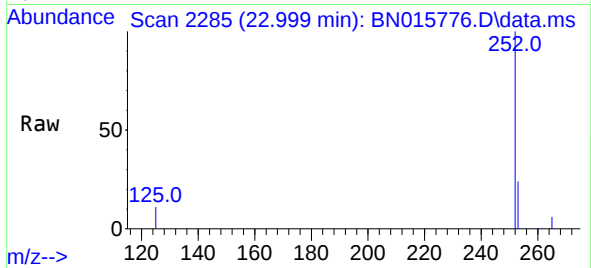
#37
Benzo(b)fluoranthene
Concen: 0.096 ng
RT: 22.999 min Scan# 2285
Delta R.T. -0.003 min
Lab File: BN015776.D
Acq: 03 Aug 2021 19:43

Tgt Ion:	252	Resp:	42203
Ion Ratio	Lower	Upper	
252	100		
253	23.7	17.7	26.5
125	11.4	8.2	12.4

Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT3-2021

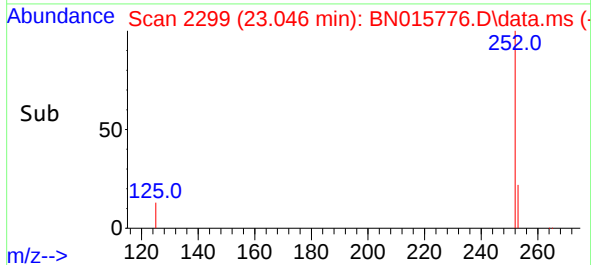
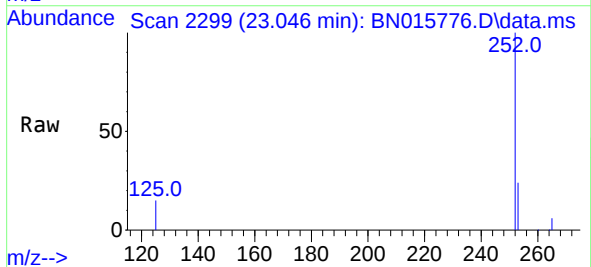
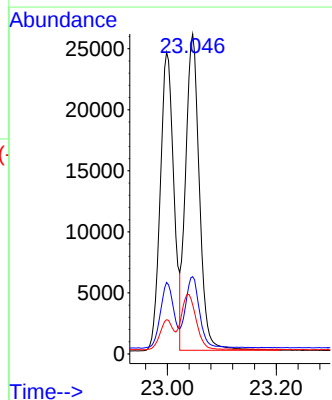
Manual Integrations
APPROVED

mohammad
8/4/2021 3:46:41 PM



#38
Benzo(k)fluoranthene
Concen: 0.100 ng m
RT: 23.046 min Scan# 2299
Delta R.T. -0.003 min
Lab File: BN015776.D
Acq: 03 Aug 2021 19:43

Tgt Ion:	252	Resp:	45459
Ion Ratio	Lower	Upper	
252	100		
253	24.1	17.8	26.6
125	15.4	8.3	12.5#





#39

Benzo(a)pyrene

Concen: 0.092 ng

RT: 23.604 min Scan# 2462

Delta R.T. -0.003 min

Lab File: BN015776.D

Acq: 03 Aug 2021 19:43

Tgt Ion:	252	Resp:	33437
Ion Ratio	Lower	Upper	
252	100		
253	24.7	17.8	26.8
125	13.4	9.0	13.6

Instrument :

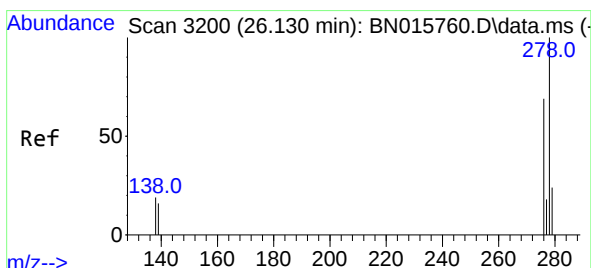
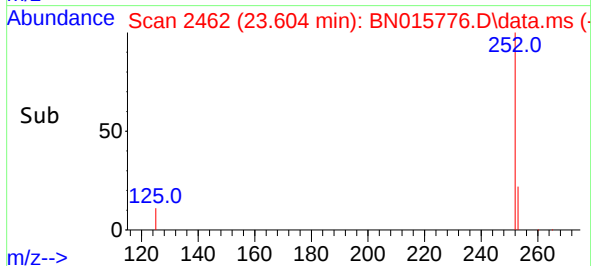
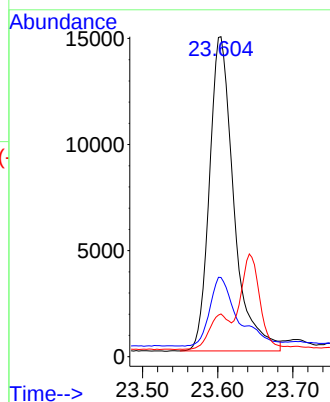
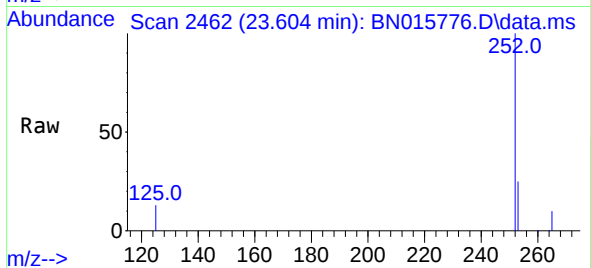
BNA_N

ClientSampleId :

LOQ-SOIL-02-QT3-2021

Manual Integrations
APPROVED

mohammad
8/4/2021 3:46:41 PM



#40

Dibenzo(a,h)anthracene

Concen: 0.086 ng

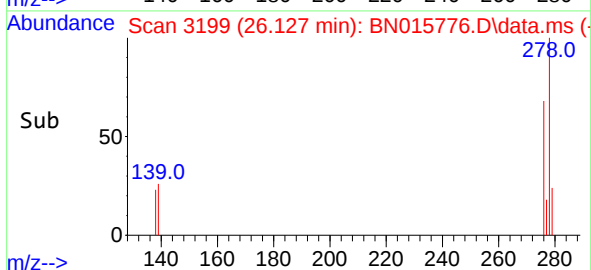
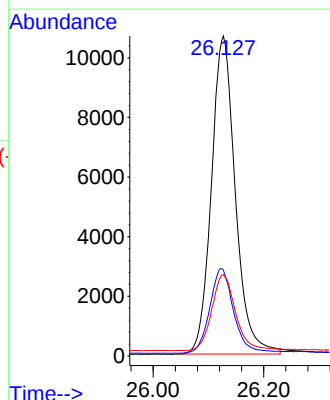
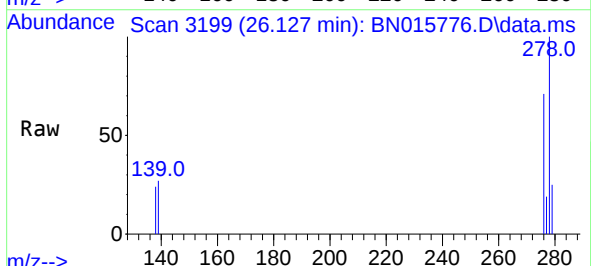
RT: 26.127 min Scan# 3199

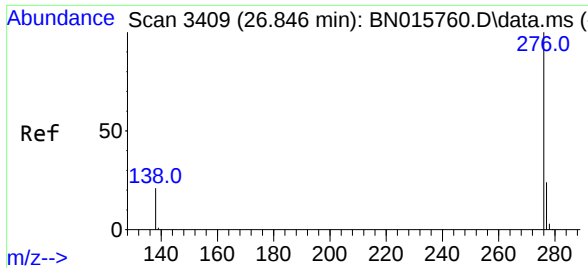
Delta R.T. -0.003 min

Lab File: BN015776.D

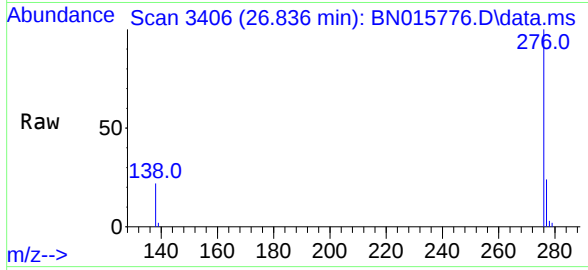
Acq: 03 Aug 2021 19:43

Tgt Ion:	278	Resp:	32121
Ion Ratio	Lower	Upper	
278	100		
139	26.8	13.1	19.7#
279	25.4	19.1	28.7

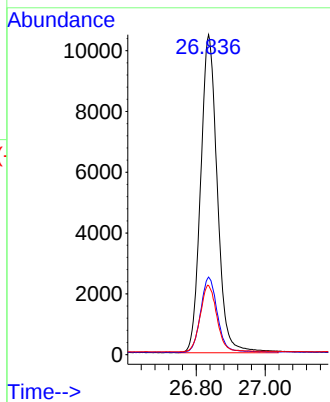
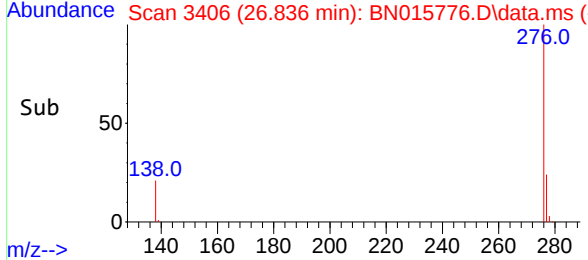




#41
Benzo(g,h,i)perylene
Concen: 0.090 ng
RT: 26.836 min Scan# 3406
Delta R.T. -0.010 min
Lab File: BN015776.D
Acq: 03 Aug 2021 19:43



Tgt Ion:	276	Resp:	35059
Ion Ratio	Lower	Upper	
276	100		
277	24.2	19.0	28.6
138	21.7	16.6	24.8



Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT3-2021

Manual Integrations
APPROVED

mohammad
8/4/2021 3:46:41 PM