

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102521\
 Data File : BM032708.D
 Acq On : 26 Oct 2021 00:01
 Operator : CG/JU
 Sample : PB140161BS
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS161

Quant Time: Oct 26 01:43:22 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM101421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 25 10:44:54 2021
 Response via : Initial Calibration

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

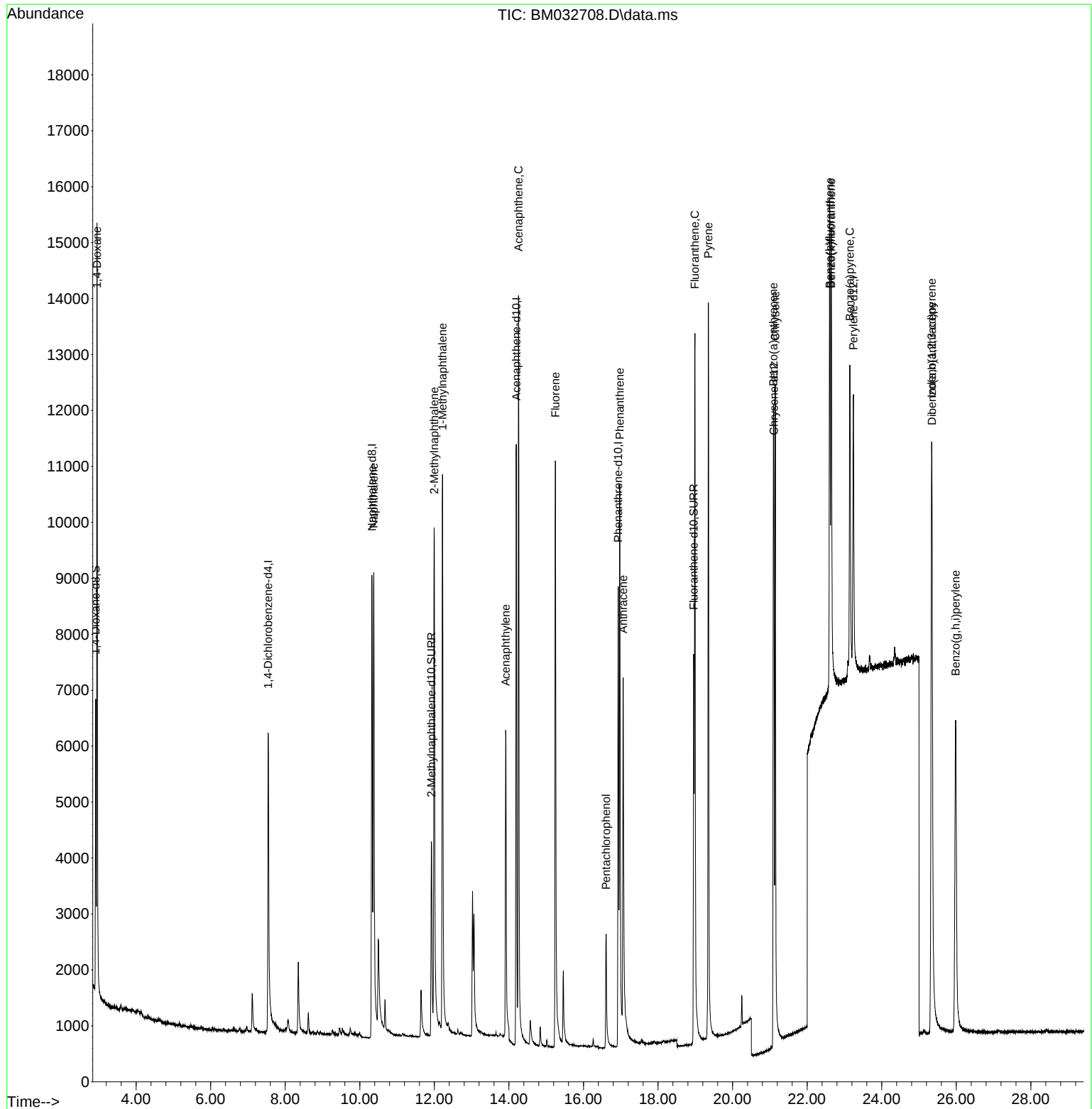
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.543	152	3861	0.400	ng/ul	0.00
4) Naphthalene-d8	10.325	136	12981	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.198	164	6166	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.932	188	10178	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.108	240	7076	0.400	ng/ul	0.00
23) Perylene-d12	23.239	264	6549	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.916	96	3164	0.731	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.922	152	5897	0.341	ng/ul	0.00
18) Fluoranthene-d10	18.958	212	8250	0.370	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	2.951	88	8709	1.827	ng/ul#	80
5) Naphthalene	10.375	128	13526	0.344	ng/ul	99
7) 2-Methylnaphthalene	11.999	142	8113	0.315	ng/ul	100
8) 1-Methylnaphthalene	12.219	142	7652	0.301	ng/ul	100
10) Acenaphthylene	13.914	152	8155	0.310	ng/ul	99
11) Acenaphthene	14.258	153	8122	0.338	ng/ul	99
12) Fluorene	15.248	166	8457	0.313	ng/ul	97
14) Pentachlorophenol	16.606	266	1713	0.654	ng/ul	98
15) Phenanthrene	16.974	178	11524	0.337	ng/ul	100
16) Anthracene	17.064	178	9181	0.305	ng/ul	99
19) Fluoranthene	18.988	202	11798	0.337	ng/ul	99
20) Pyrene	19.351	202	12105	0.336	ng/ul	99
21) Benzo(a)anthracene	21.094	228	8819	0.319	ng/ul	99
22) Chrysene	21.145	228	10939	0.360	ng/ul	99
24) Benzo(b)fluoranthene	22.605	252	10745	0.355	ng/ul	86
25) Benzo(k)fluoranthene	22.646	252	12027	0.399	ng/ul#	86
26) Benzo(a)pyrene	23.145	252	8876	0.350	ng/ul#	79
27) Indeno(1,2,3-cd)pyrene	25.340	276	12299	0.397	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.347	278	9683	0.396	ng/ul#	93
29) Benzo(g,h,i)perylene	25.982	276	11449	0.424	ng/ul	96

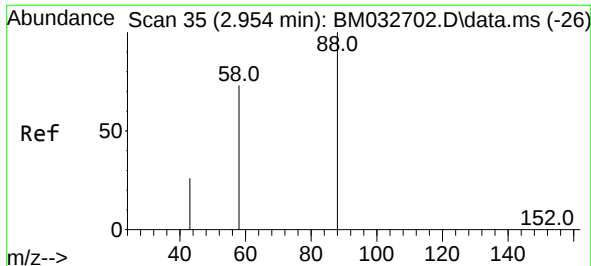
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102521\
Data File : BM032708.D
Acq On : 26 Oct 2021 00:01
Operator : CG/JU
Sample : PB140161BS
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SLCS161

Quant Time: Oct 26 01:43:22 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM101421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 25 10:44:54 2021
Response via : Initial Calibration

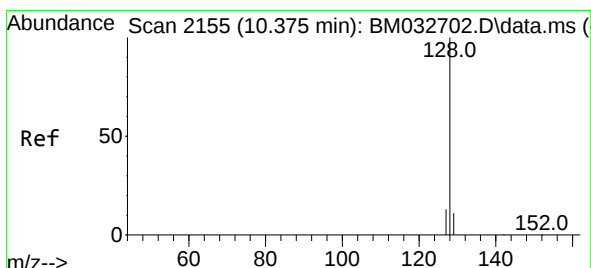
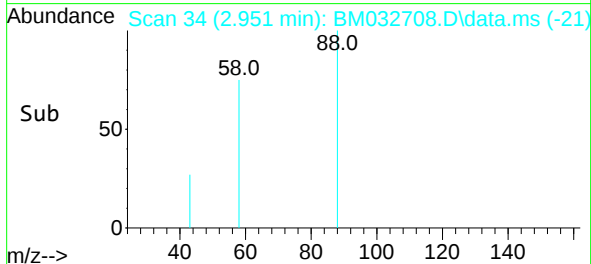
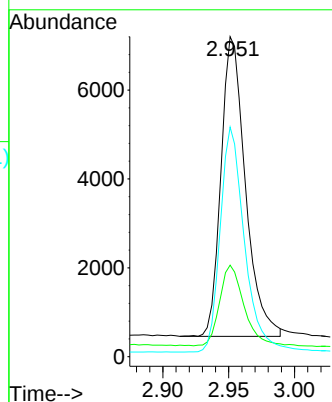
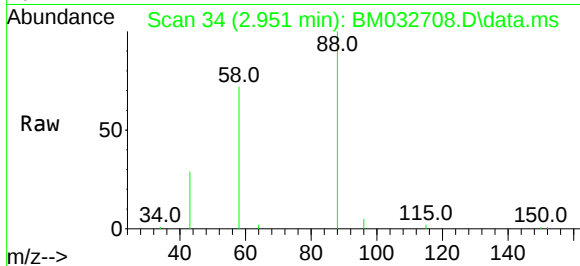




#2
1,4-Dioxane
Concen: 1.827 ng/ul
RT: 2.951 min Scan# 34
Delta R.T. -0.003 min
Lab File: BM032708.D
Acq: 26 Oct 2021 00:01

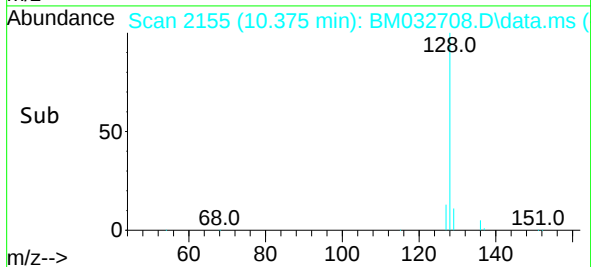
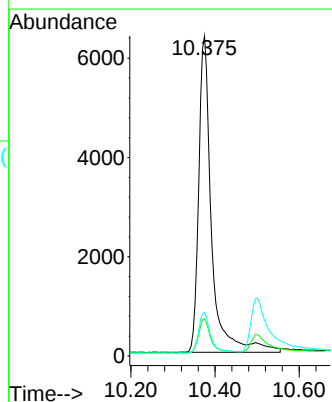
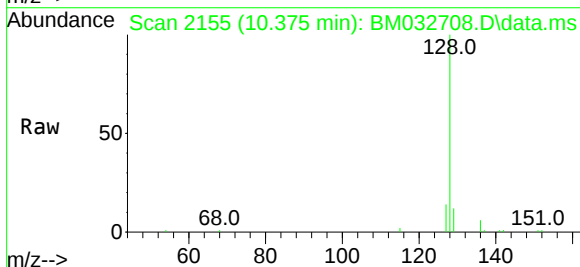
Instrument :
BNA_M
ClientSampleId :
SLCS161

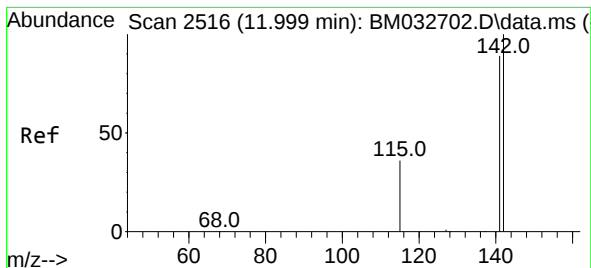
Tgt Ion: 88 Resp: 8709
Ion Ratio Lower Upper
88 100
43 28.6 46.6 69.8#
58 71.8 60.7 91.1



#5
Naphthalene
Concen: 0.344 ng/ul
RT: 10.375 min Scan# 2155
Delta R.T. -0.005 min
Lab File: BM032708.D
Acq: 26 Oct 2021 00:01

Tgt Ion: 128 Resp: 13526
Ion Ratio Lower Upper
128 100
129 11.6 9.1 13.7
127 13.6 11.1 16.7

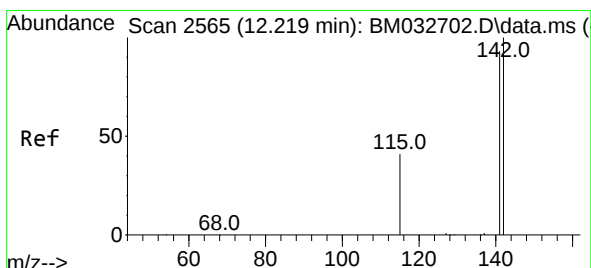
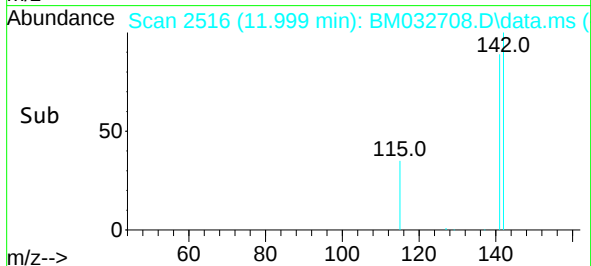
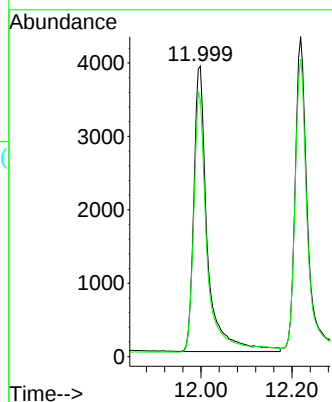
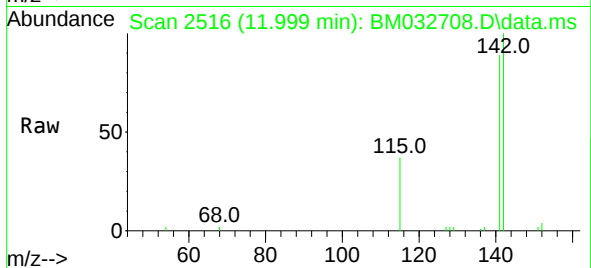




#7
2-Methylnaphthalene
Concen: 0.315 ng/ul
RT: 11.999 min Scan# 2516
Delta R.T. -0.000 min
Lab File: BM032708.D
Acq: 26 Oct 2021 00:01

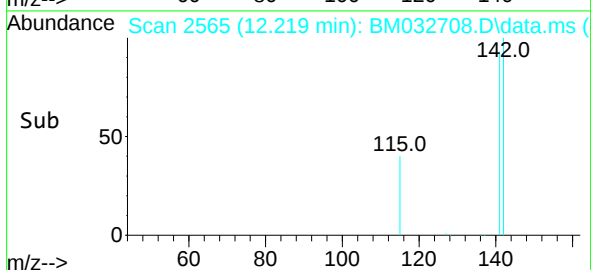
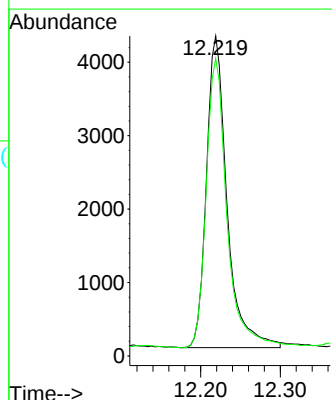
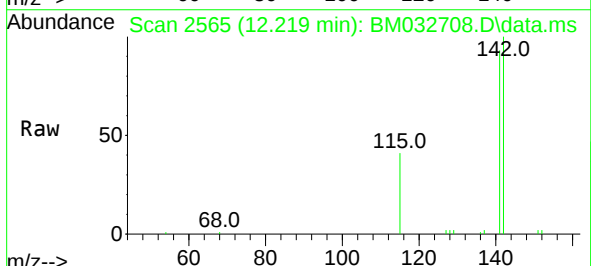
Instrument :
BNA_M
ClientSampled :
SLCS161

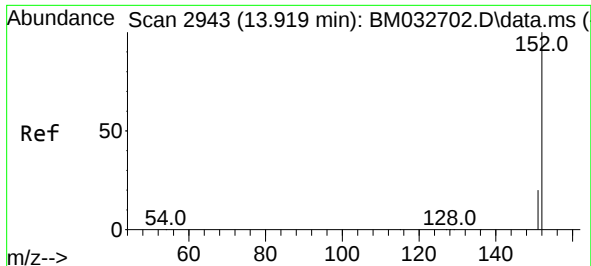
Tgt Ion:142 Resp: 8113
Ion Ratio Lower Upper
142 100
141 90.7 72.2 108.2



#8
1-Methylnaphthalene
Concen: 0.301 ng/ul
RT: 12.219 min Scan# 2565
Delta R.T. -0.005 min
Lab File: BM032708.D
Acq: 26 Oct 2021 00:01

Tgt Ion:142 Resp: 7652
Ion Ratio Lower Upper
142 100
141 93.3 74.9 112.3

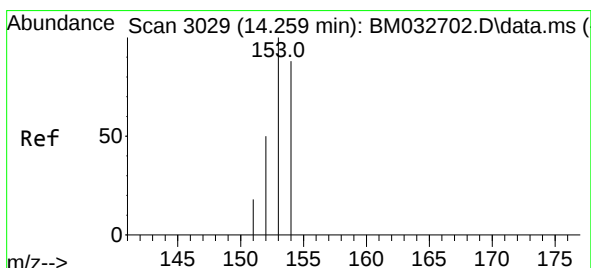
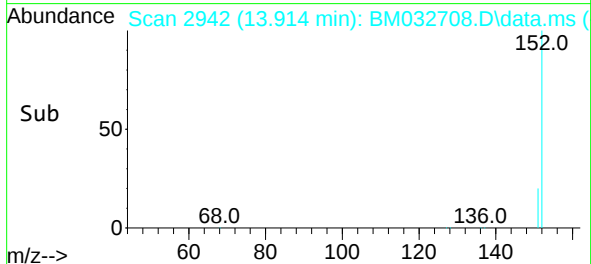
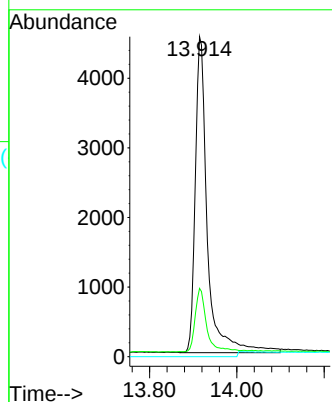
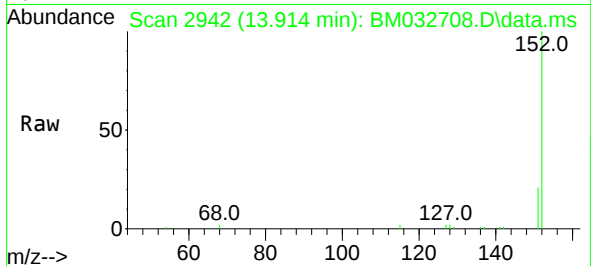




#10
Acenaphthylene
Concen: 0.310 ng/ul
RT: 13.914 min Scan# 2942
Delta R.T. -0.005 min
Lab File: BM032708.D
Acq: 26 Oct 2021 00:01

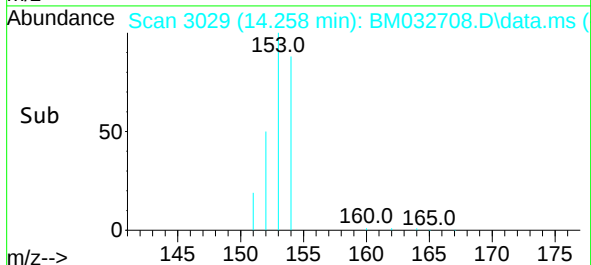
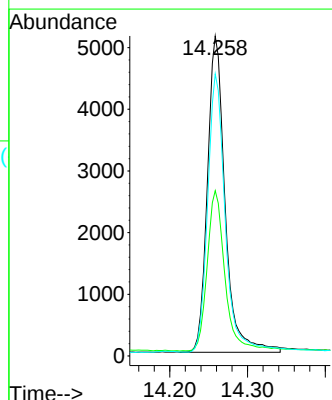
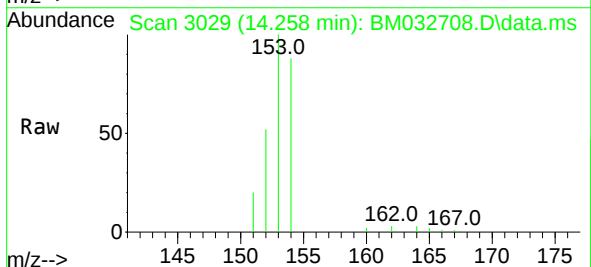
Instrument :
BNA_M
ClientSampleId :
SLCS161

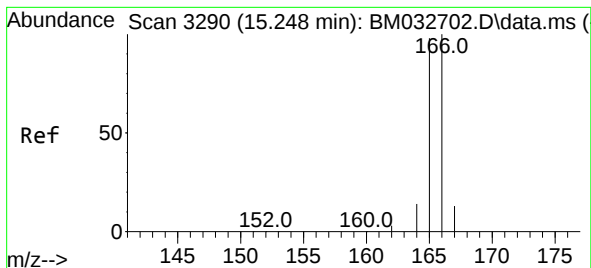
Tgt Ion:152 Resp: 8155
Ion Ratio Lower Upper
152 100
151 21.3 16.7 25.1
153 0.0 0.0 0.0



#11
Acenaphthene
Concen: 0.338 ng/ul
RT: 14.258 min Scan# 3029
Delta R.T. -0.004 min
Lab File: BM032708.D
Acq: 26 Oct 2021 00:01

Tgt Ion:153 Resp: 8122
Ion Ratio Lower Upper
153 100
152 51.6 40.4 60.6
154 88.2 70.8 106.2

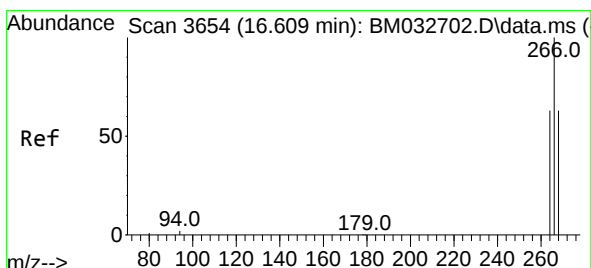
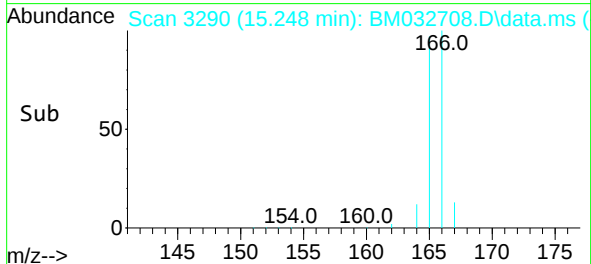
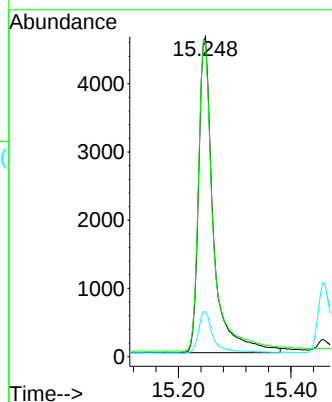
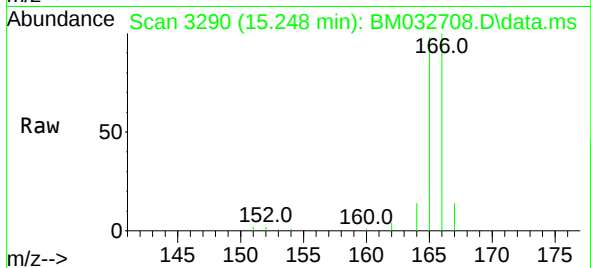




#12
Fluorene
Concen: 0.313 ng/ul
RT: 15.248 min Scan# 3290
Delta R.T. -0.004 min
Lab File: BM032708.D
Acq: 26 Oct 2021 00:01

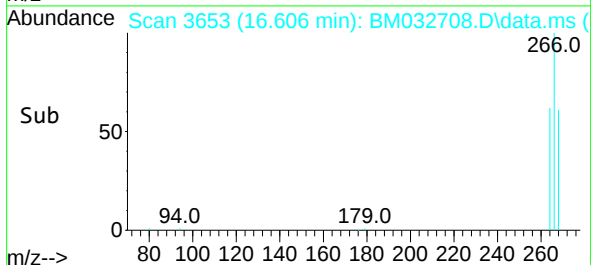
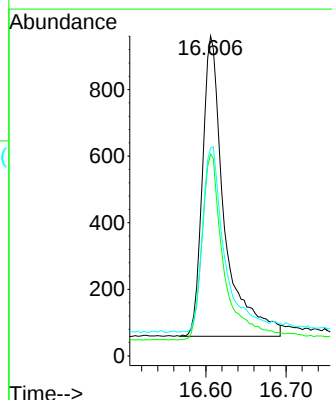
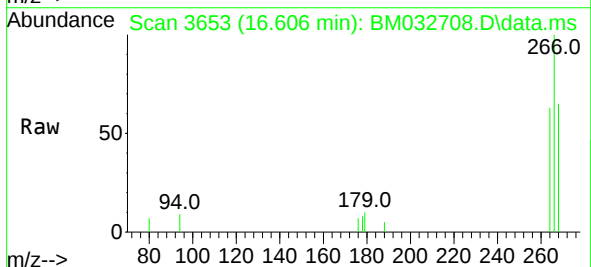
Instrument :
BNA_M
ClientSampleId :
SLCS161

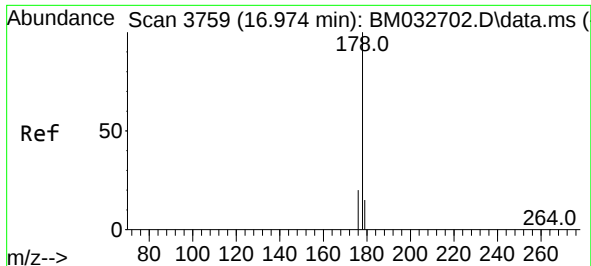
Tgt Ion:166 Resp: 8457
Ion Ratio Lower Upper
166 100
165 97.8 80.7 121.1
167 14.1 11.2 16.8



#14
Pentachlorophenol
Concen: 0.654 ng/ul
RT: 16.606 min Scan# 3653
Delta R.T. -0.004 min
Lab File: BM032708.D
Acq: 26 Oct 2021 00:01

Tgt Ion:266 Resp: 1713
Ion Ratio Lower Upper
266 100
264 62.2 50.8 76.2
268 63.7 50.2 75.2

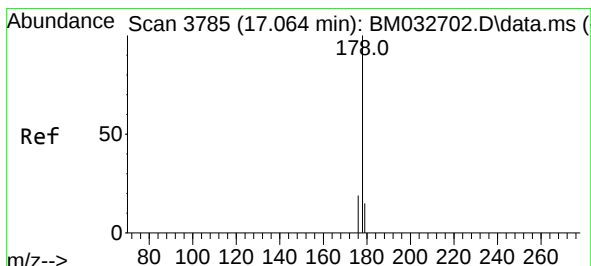
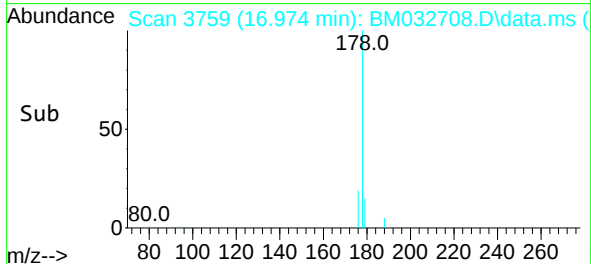
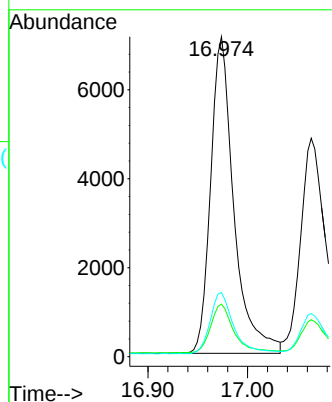
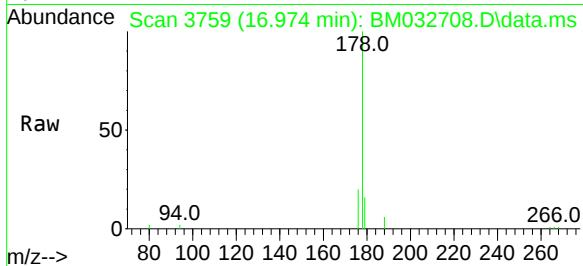




#15
Phenanthrene
Concen: 0.337 ng/ul
RT: 16.974 min Scan# 3759
Delta R.T. -0.004 min
Lab File: BM032708.D
Acq: 26 Oct 2021 00:01

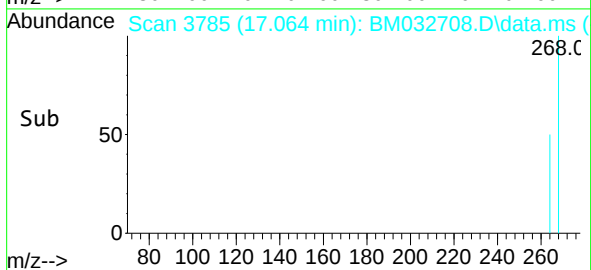
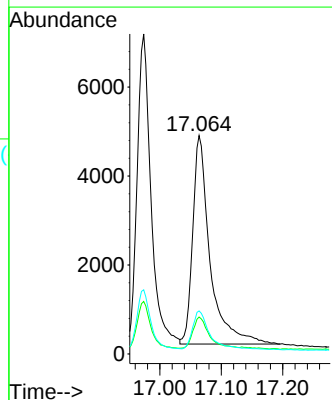
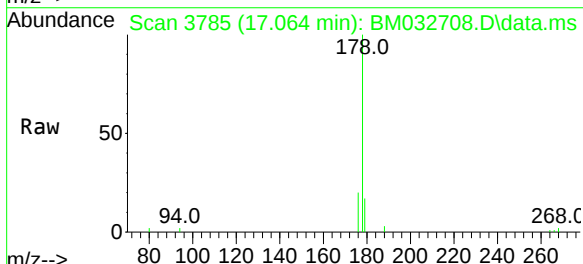
Instrument :
BNA_M
ClientSampled :
SLCS161

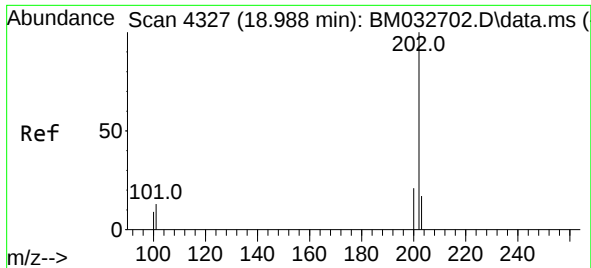
Tgt Ion:178	Resp:	11524
Ion Ratio	Lower	Upper
178	100	
179	16.4	12.9 19.3
176	20.0	16.1 24.1



#16
Anthracene
Concen: 0.305 ng/ul
RT: 17.064 min Scan# 3785
Delta R.T. -0.004 min
Lab File: BM032708.D
Acq: 26 Oct 2021 00:01

Tgt Ion:178	Resp:	9181
Ion Ratio	Lower	Upper
178	100	
179	16.9	12.9 19.3
176	19.7	15.8 23.6

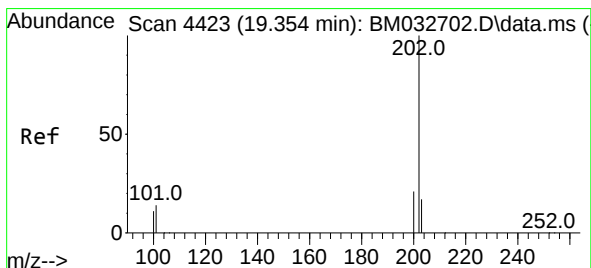
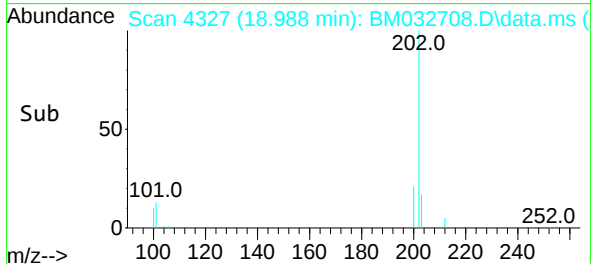
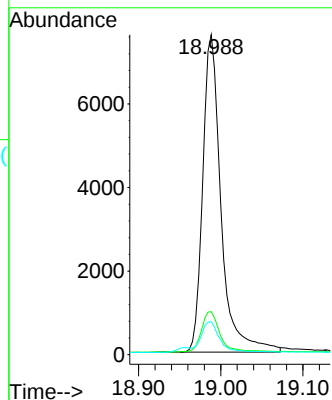
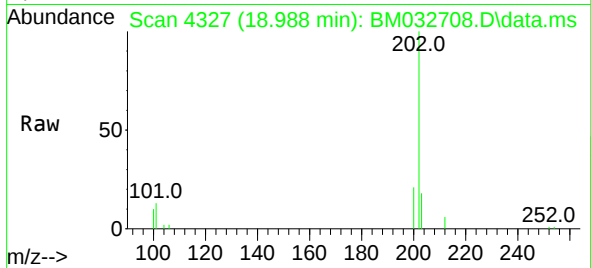




#19
Fluoranthene
Concen: 0.337 ng/ul
RT: 18.988 min Scan# 4327
Delta R.T. -0.004 min
Lab File: BM032708.D
Acq: 26 Oct 2021 00:01

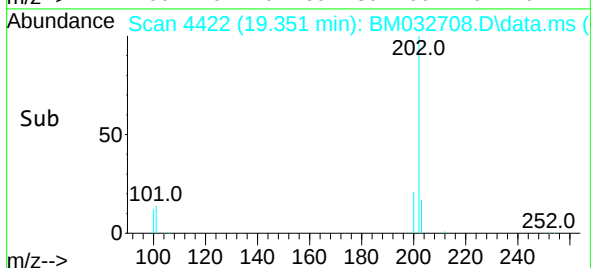
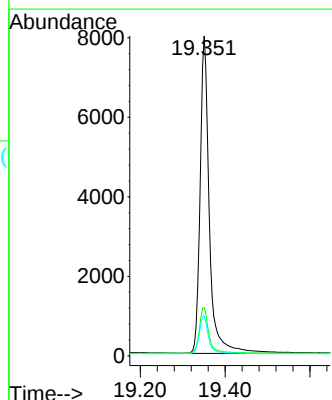
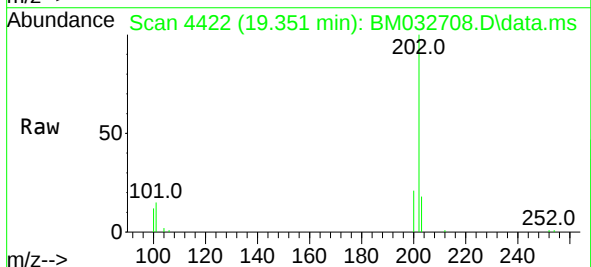
Instrument :
BNA_M
ClientSampleId :
SLCS161

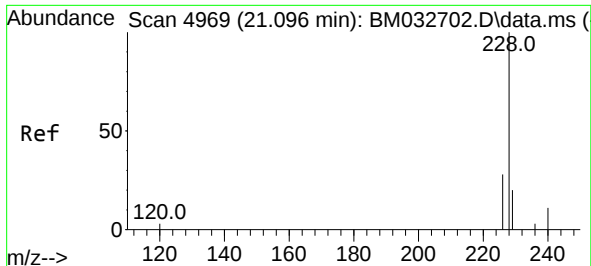
Tgt Ion:202 Resp: 11798
Ion Ratio Lower Upper
202 100
101 13.4 10.6 16.0
100 10.3 7.8 11.8



#20
Pyrene
Concen: 0.336 ng/ul
RT: 19.351 min Scan# 4422
Delta R.T. -0.004 min
Lab File: BM032708.D
Acq: 26 Oct 2021 00:01

Tgt Ion:202 Resp: 12105
Ion Ratio Lower Upper
202 100
101 15.1 12.3 18.5
100 12.5 10.1 15.1

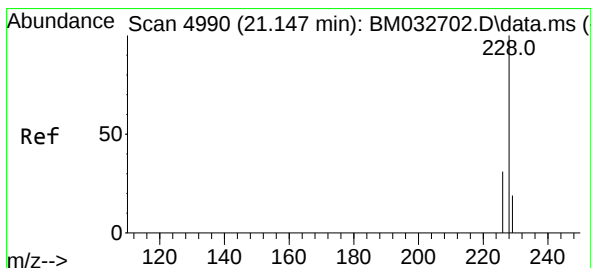
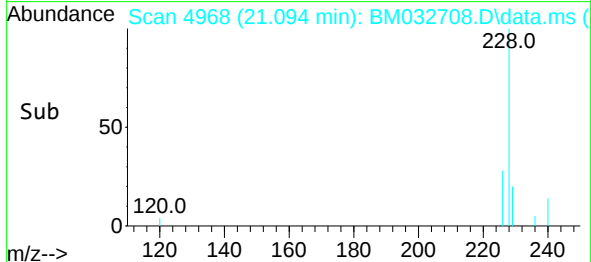
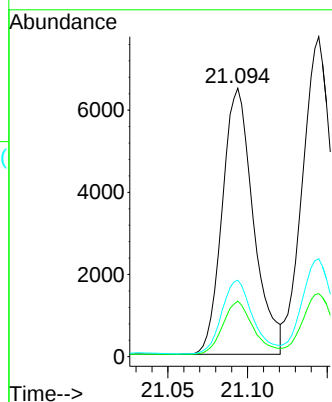
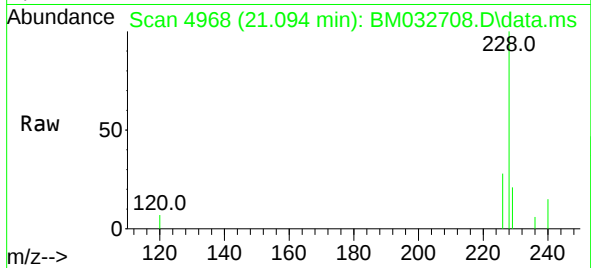




#21
Benzo(a)anthracene
Concen: 0.319 ng/ul
RT: 21.094 min Scan# 4968
Delta R.T. -0.005 min
Lab File: BM032708.D
Acq: 26 Oct 2021 00:01

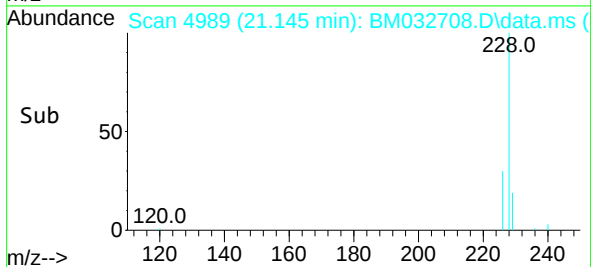
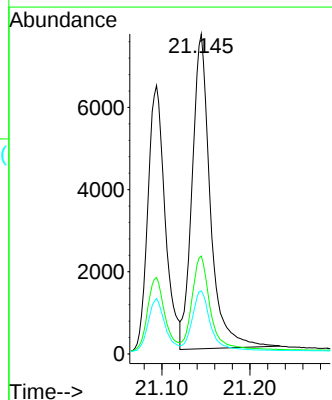
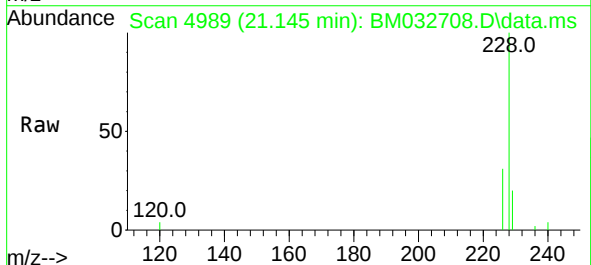
Instrument :
BNA_M
ClientSampleId :
SLCS161

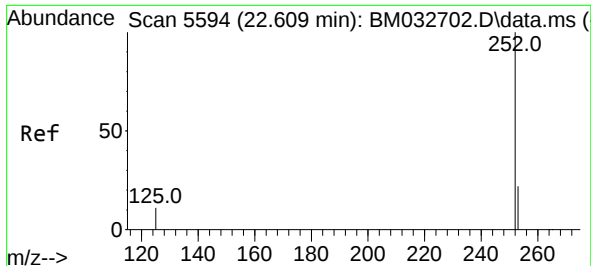
Tgt Ion:	228	Resp:	8819
Ion Ratio	Lower	Upper	
228	100		
229	20.7	15.9	23.9
226	28.5	22.4	33.6



#22
Chrysene
Concen: 0.360 ng/ul
RT: 21.145 min Scan# 4989
Delta R.T. -0.005 min
Lab File: BM032708.D
Acq: 26 Oct 2021 00:01

Tgt Ion:	228	Resp:	10939
Ion Ratio	Lower	Upper	
228	100		
226	30.6	25.1	37.7
229	19.7	15.7	23.5

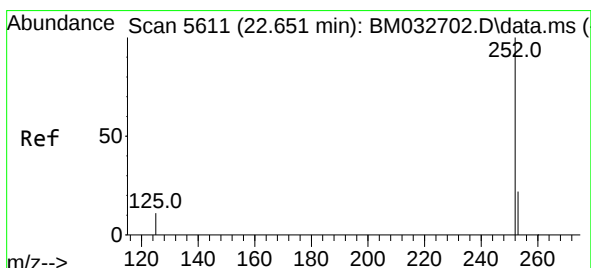
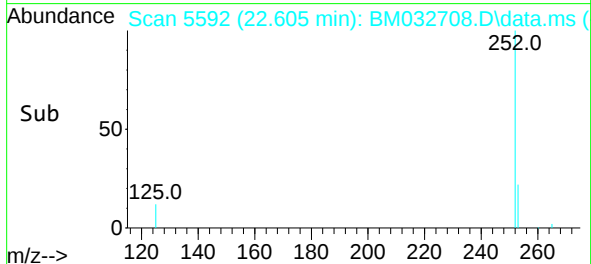
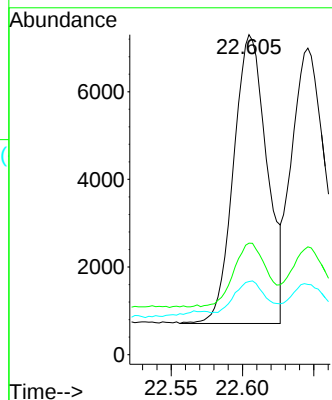
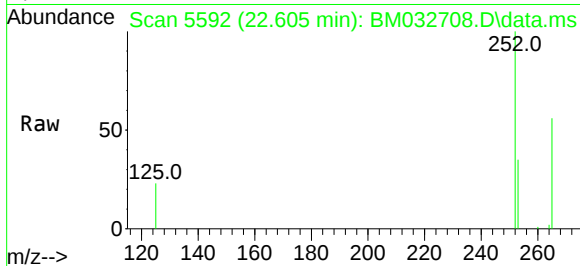




#24
Benzo(b)fluoranthene
Concen: 0.355 ng/ul
RT: 22.605 min Scan# 5592
Delta R.T. -0.009 min
Lab File: BM032708.D
Acq: 26 Oct 2021 00:01

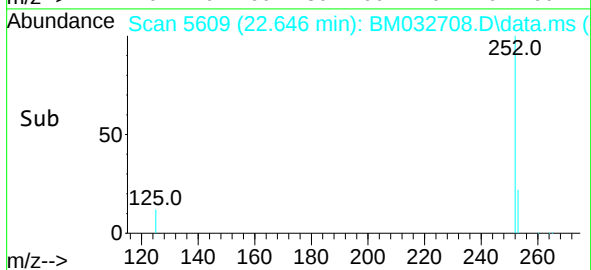
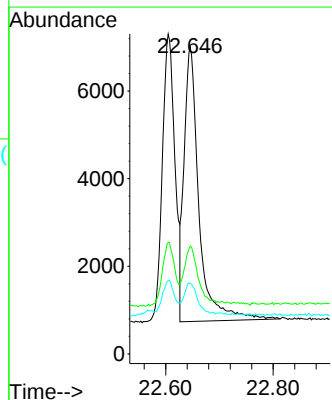
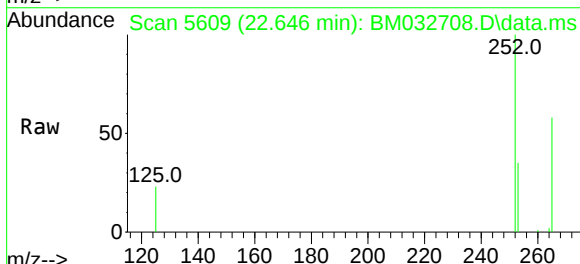
Instrument :
BNA_M
ClientSampleId :
SLCS161

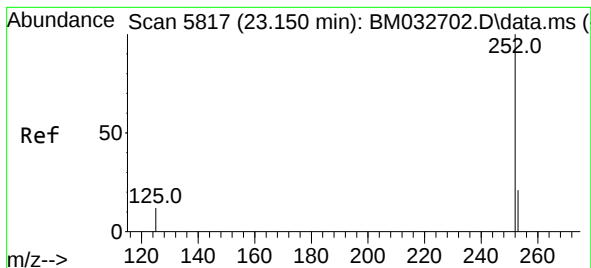
Tgt Ion:252 Resp: 10745
Ion Ratio Lower Upper
252 100
253 34.8 0.0 53.8
125 22.9 0.0 35.6



#25
Benzo(k)fluoranthene
Concen: 0.399 ng/ul
RT: 22.646 min Scan# 5609
Delta R.T. -0.007 min
Lab File: BM032708.D
Acq: 26 Oct 2021 00:01

Tgt Ion:252 Resp: 12027
Ion Ratio Lower Upper
252 100
253 35.2 21.8 32.6#
125 22.9 14.4 21.6#

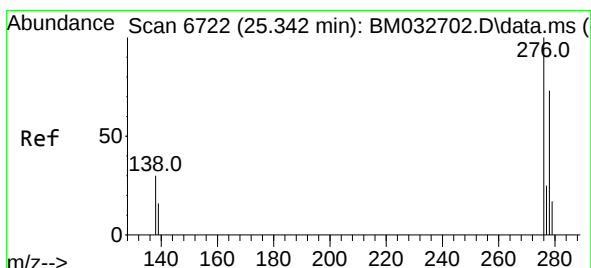
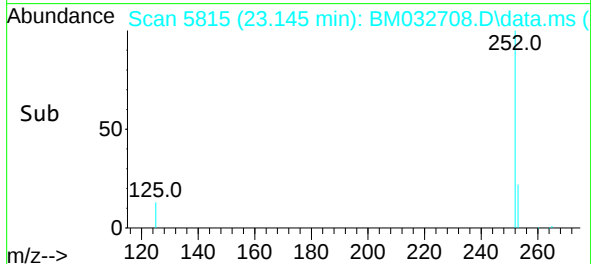
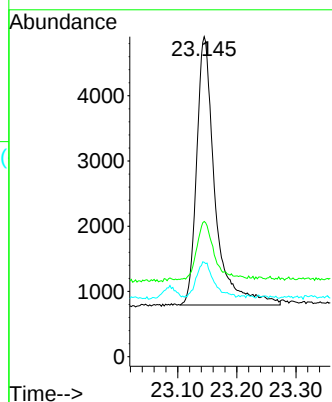
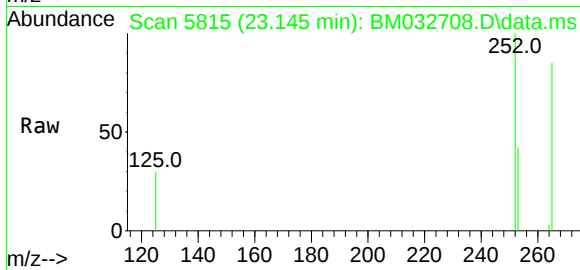




#26
Benzo(a)pyrene
Concen: 0.350 ng/ul
RT: 23.145 min Scan# 5815
Delta R.T. -0.010 min
Lab File: BM032708.D
Acq: 26 Oct 2021 00:01

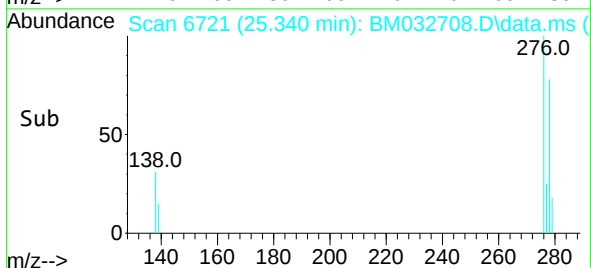
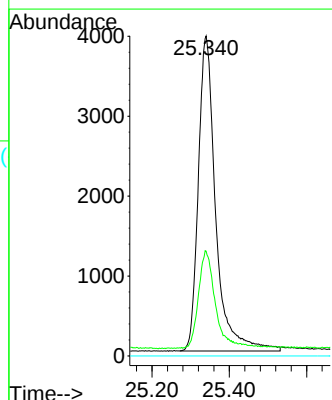
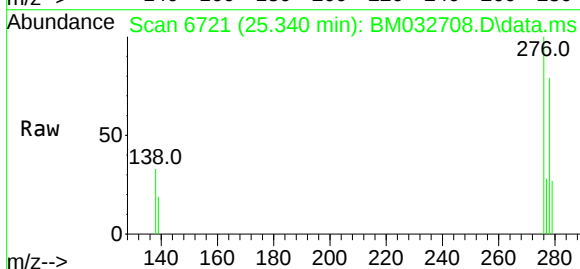
Instrument :
BNA_M
ClientSampleId :
SLCS161

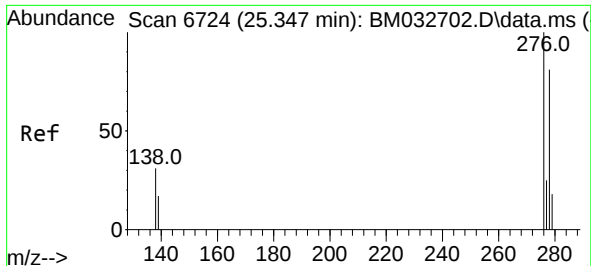
Tgt Ion:252 Resp: 8876
Ion Ratio Lower Upper
252 100
253 42.3 23.6 35.4#
125 29.5 17.1 25.7#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.397 ng/ul
RT: 25.340 min Scan# 6721
Delta R.T. -0.010 min
Lab File: BM032708.D
Acq: 26 Oct 2021 00:01

Tgt Ion:276 Resp: 12299
Ion Ratio Lower Upper
276 100
138 30.4 24.9 37.3
227 0.0 0.0 0.0





#28

Dibenzo(a,h)anthracene

Concen: 0.396 ng/ul

RT: 25.347 min Scan# 6724

Delta R.T. -0.007 min

Lab File: BM032708.D

Acq: 26 Oct 2021 00:01

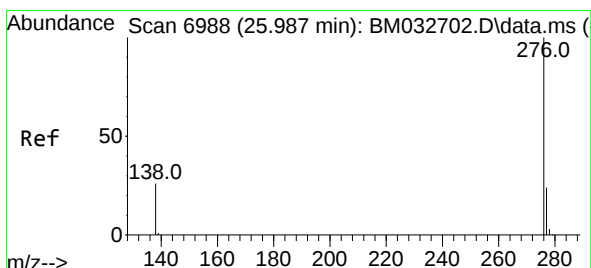
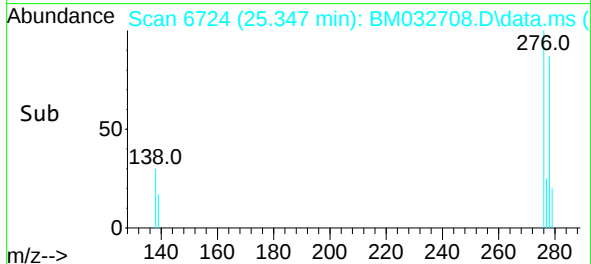
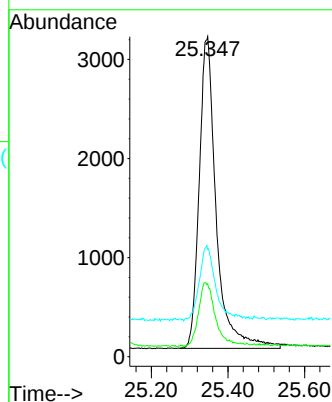
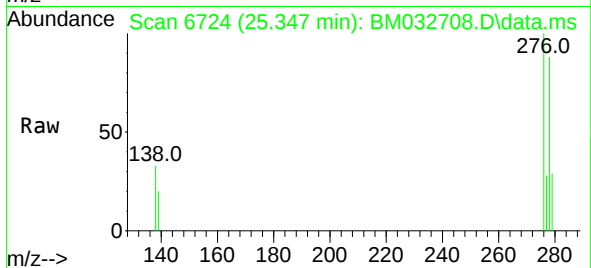
Tgt Ion:278 Resp: 9683

Ion Ratio Lower Upper

278 100

139 22.8 18.6 28.0

279 33.5 22.0 33.0#



#29

Benzo(g,h,i)perylene

Concen: 0.424 ng/ul

RT: 25.982 min Scan# 6986

Delta R.T. -0.010 min

Lab File: BM032708.D

Acq: 26 Oct 2021 00:01

Tgt Ion:276 Resp: 11449

Ion Ratio Lower Upper

276 100

138 29.6 22.6 33.8

277 27.4 19.9 29.9

