

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041222\
 Data File : BM034618.D
 Acq On : 12 Apr 2022 12:42
 Operator : CG/JU
 Sample : SST0.223
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SST0.2023

Quant Time: Apr 12 15:03:45 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM041222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 12 14:58:22 2022
 Response via : Initial Calibration

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

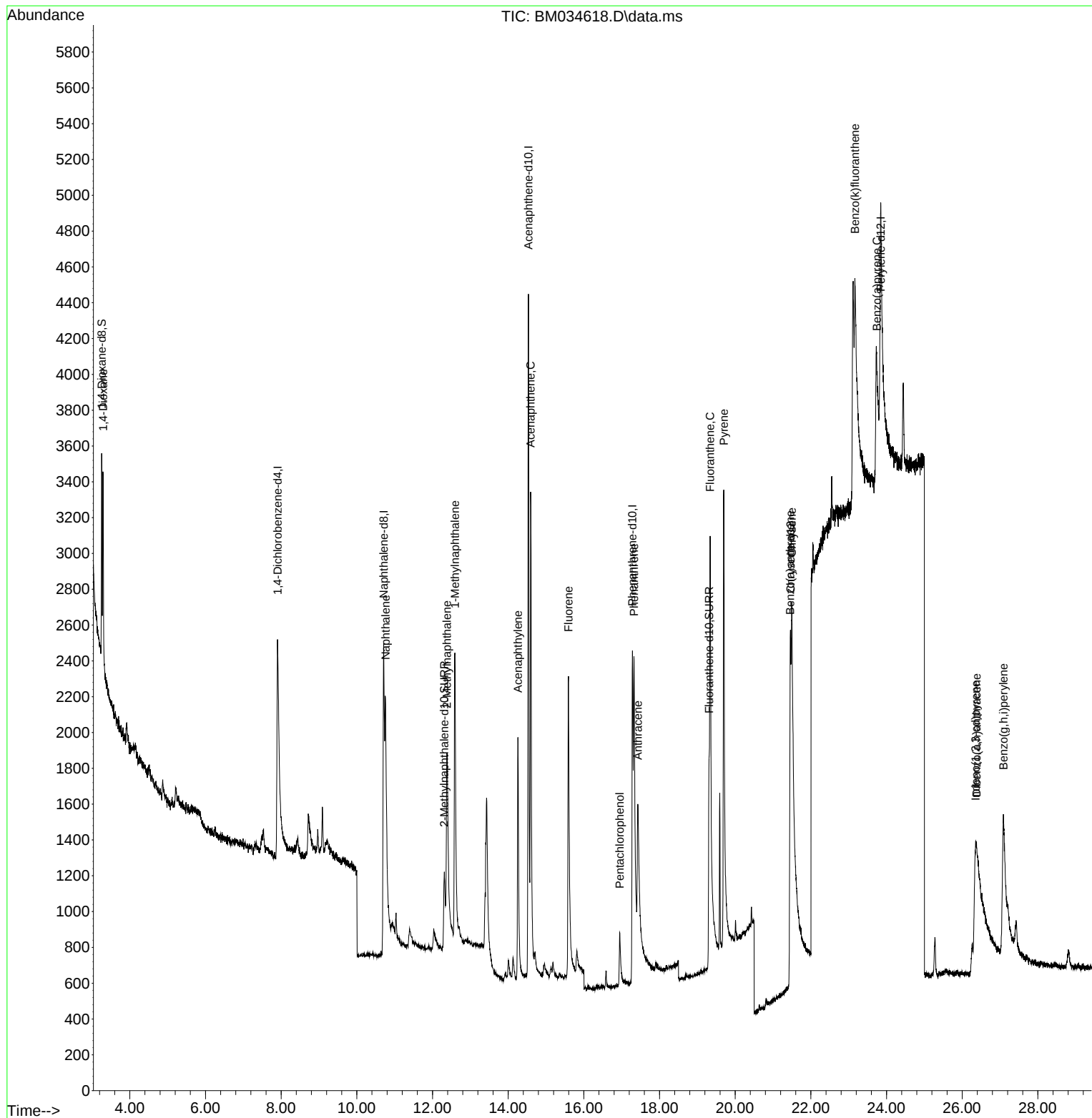
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.905	152	1652	0.400	ng/ul	0.00
4) Naphthalene-d8	10.710	136	5106	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.534	164	2602	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.284	188	3991	0.400	ng/ul	0.00
17) Chrysene-d12	21.466	240	3944	0.400	ng/ul #	0.00
23) Perylene-d12	23.849	264	3247	0.400	ng/ul #	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.256	96	626	0.226	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.311	152	1352	0.202	ng/ul	0.00
18) Fluoranthene-d10	19.308	212	2257	0.195	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.294	88	645	0.234	ng/ul#	66
5) Naphthalene	10.760	128	2957	0.185	ng/ul	98
7) 2-Methylnaphthalene	12.382	142	1738	0.199	ng/ul	98
8) 1-Methylnaphthalene	12.591	142	1778	0.203	ng/ul	98
10) Acenaphthylene	14.256	152	2499	0.208	ng/ul	99
11) Acenaphthene	14.594	153	1996	0.205	ng/ul	98
12) Fluorene	15.593	166	2013	0.200	ng/ul	98
14) Pentachlorophenol	16.951	266	354	0.209	ng/ul	97
15) Phenanthrene	17.326	178	2636	0.203	ng/ul	94
16) Anthracene	17.428	178	1931	0.196	ng/ul#	92
19) Fluoranthene	19.336	202	3252	0.196	ng/ul#	89
20) Pyrene	19.699	202	3900	0.202	ng/ul#	90
21) Benzo(a)anthracene	21.452	228	1528	0.178	ng/ul#	90
22) Chrysene	21.496	228	1982	0.195	ng/ul#	94
25) Benzo(k)fluoranthene	23.165	252	1779	0.188	ng/ul#	52
26) Benzo(a)pyrene	23.746	252	2502	0.202	ng/ul#	24
27) Indeno(1,2,3-cd)pyrene	26.352	276	3352	0.225	ng/ul#	57
28) Dibenzo(a,h)anthracene	26.379	278	2468	0.227	ng/ul#	22
29) Benzo(g,h,i)perylene	27.090	276	3715	0.230	ng/ul#	85

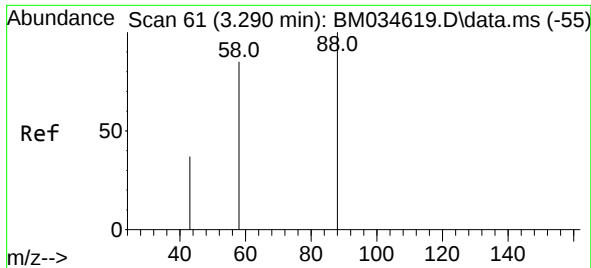
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041222\
Data File : BM034618.D
Acq On : 12 Apr 2022 12:42
Operator : CG/JU
Sample : SST0.223
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD0.2023

Quant Time: Apr 12 15:03:45 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM041222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 12 14:58:22 2022
Response via : Initial Calibration

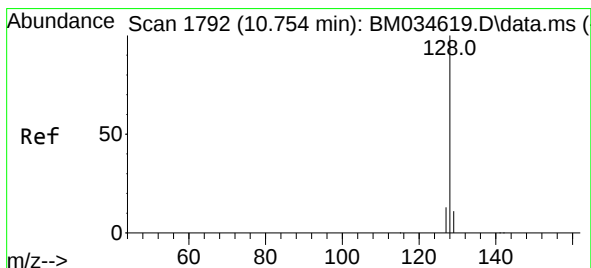
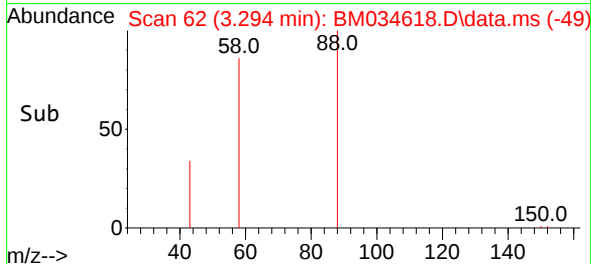
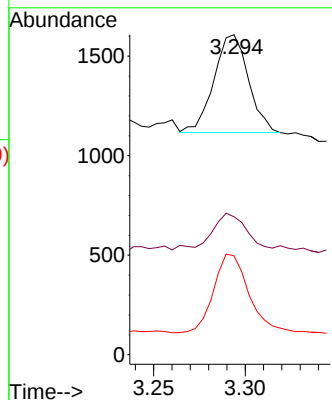
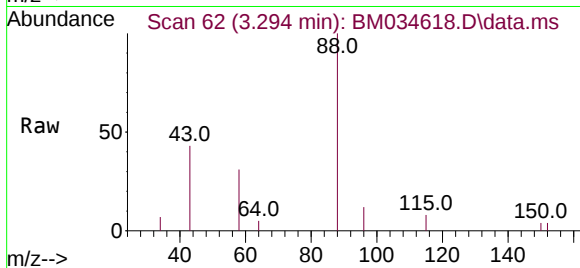




#2
 1,4-Dioxane
 Concen: 0.234 ng/ul
 RT: 3.294 min Scan# 61
 Delta R.T. 0.004 min
 Lab File: BM034618.D
 Acq: 12 Apr 2022 12:42

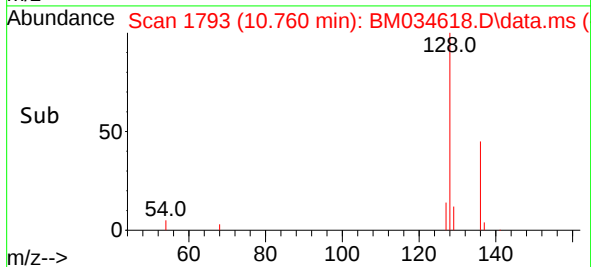
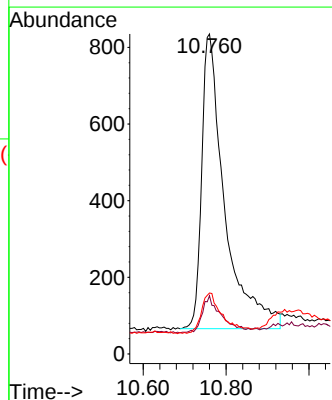
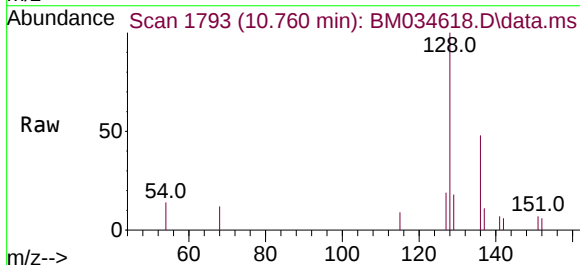
Instrument :
 BNA_M
 ClientSampleId :
 SST00.2023

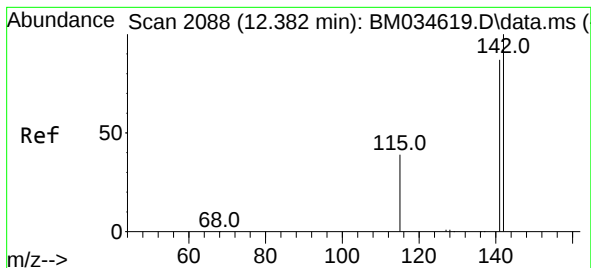
Tgt Ion: 88 Resp: 645
 Ion Ratio Lower Upper
 88 100
 43 43.1 49.7 74.5#
 58 30.9 52.5 78.7#



#5
 Naphthalene
 Concen: 0.185 ng/ul
 RT: 10.760 min Scan# 1793
 Delta R.T. 0.006 min
 Lab File: BM034618.D
 Acq: 12 Apr 2022 12:42

Tgt Ion: 128 Resp: 2957
 Ion Ratio Lower Upper
 128 100
 129 18.2 13.4 20.2
 127 19.0 15.2 22.8

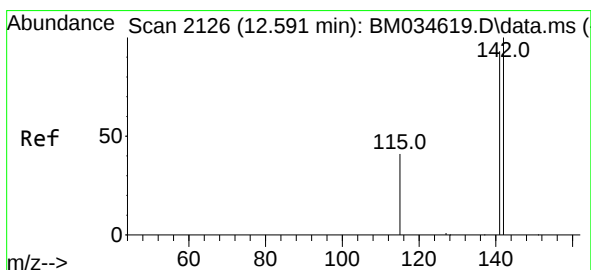
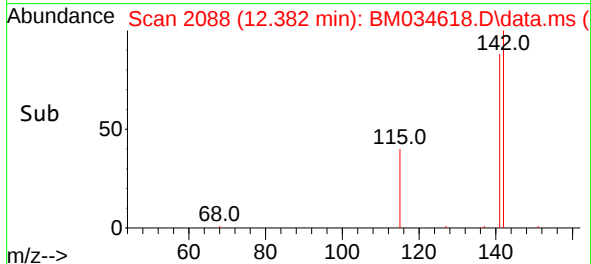
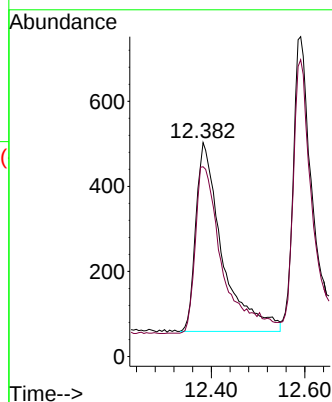
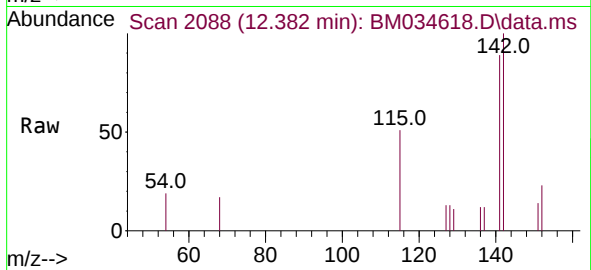




#7
2-Methylnaphthalene
Concen: 0.199 ng/ul
RT: 12.382 min Scan# 2088
Delta R.T. 0.000 min
Lab File: BM034618.D
Acq: 12 Apr 2022 12:42

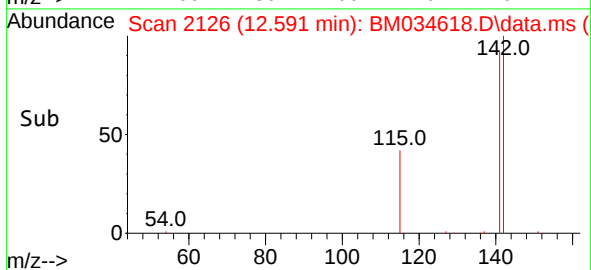
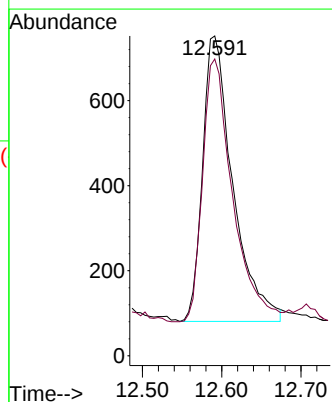
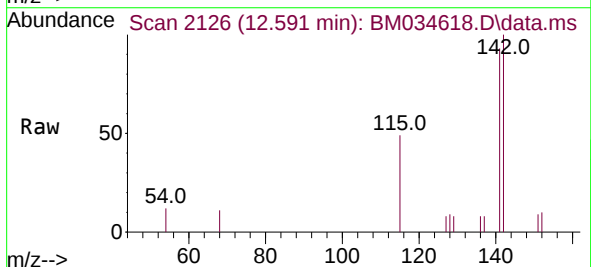
Instrument :
BNA_M
ClientSampleId :
SSTD0.2023

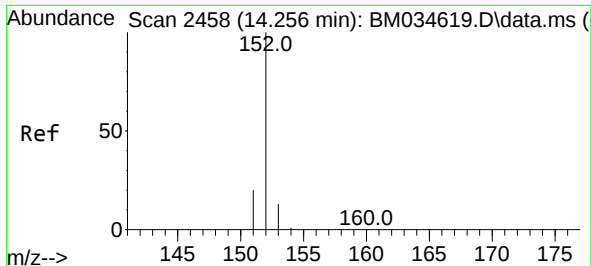
Tgt Ion:142 Resp: 1738
Ion Ratio Lower Upper
142 100
141 91.9 71.8 107.6



#8
1-Methylnaphthalene
Concen: 0.203 ng/ul
RT: 12.591 min Scan# 2126
Delta R.T. 0.000 min
Lab File: BM034618.D
Acq: 12 Apr 2022 12:42

Tgt Ion:142 Resp: 1778
Ion Ratio Lower Upper
142 100
141 91.5 75.0 112.4

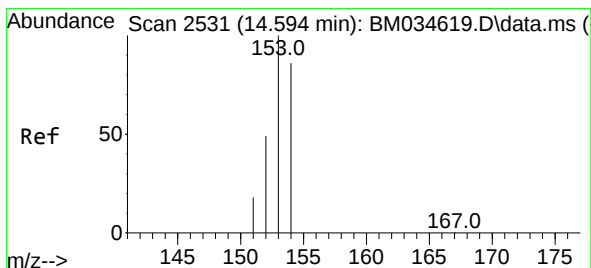
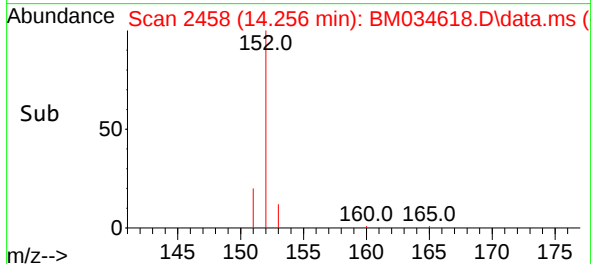
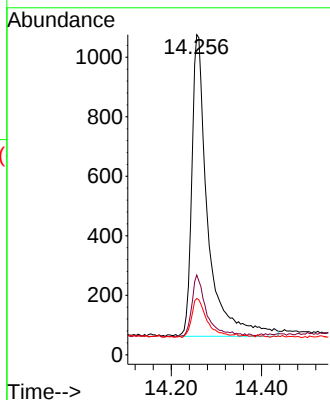
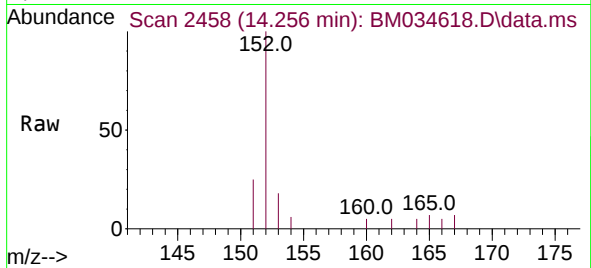




#10
Acenaphthylene
Concen: 0.208 ng/ul
RT: 14.256 min Scan# 2458
Delta R.T. 0.000 min
Lab File: BM034618.D
Acq: 12 Apr 2022 12:42

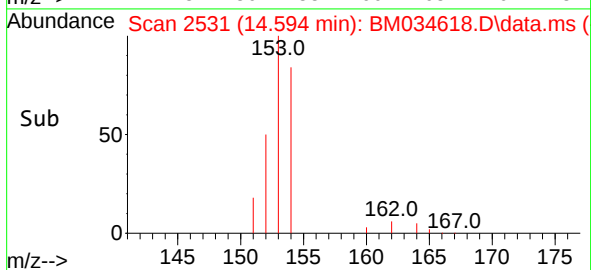
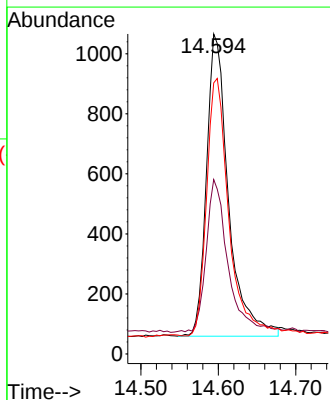
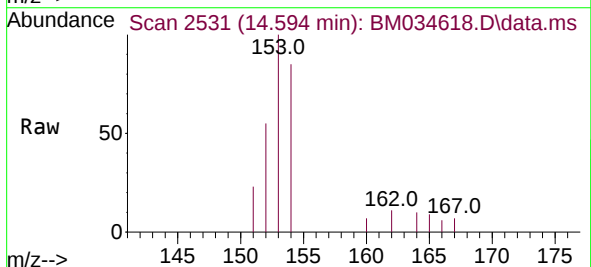
Instrument :
BNA_M
ClientSampleId :
SSTD0.2023

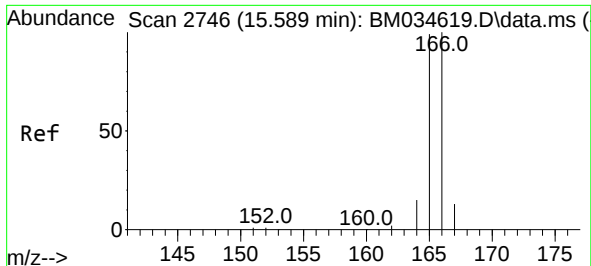
Tgt Ion:	152	Resp:	2499
Ion Ratio	Lower	Upper	
152	100		
151	24.9	19.9	29.9
153	17.6	15.0	22.4



#11
Acenaphthene
Concen: 0.205 ng/ul
RT: 14.594 min Scan# 2531
Delta R.T. 0.000 min
Lab File: BM034618.D
Acq: 12 Apr 2022 12:42

Tgt Ion:	153	Resp:	1996
Ion Ratio	Lower	Upper	
153	100		
152	54.5	42.4	63.6
154	84.7	66.2	99.2

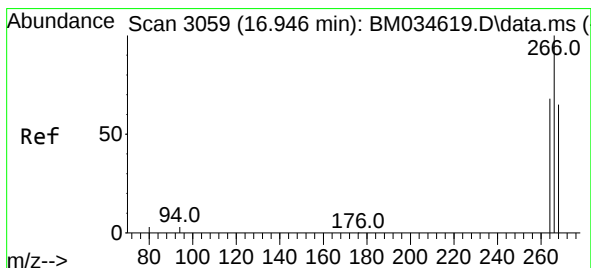
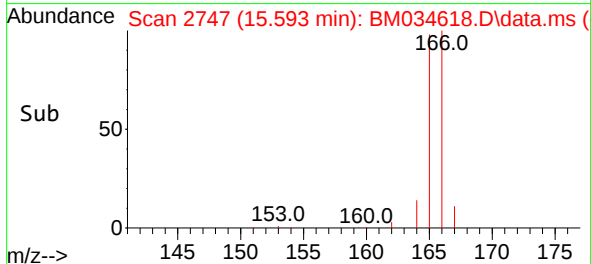
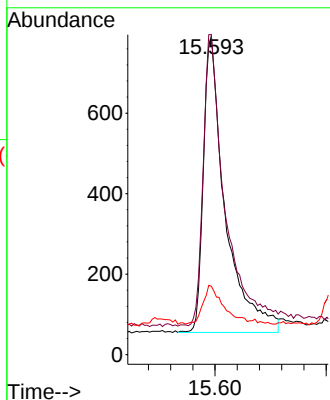
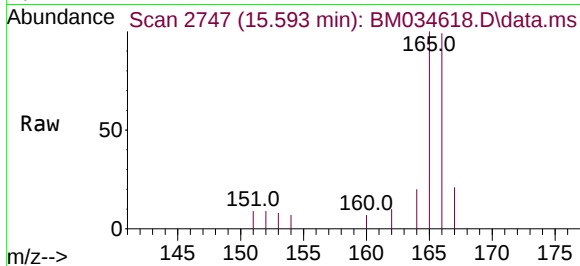




#12
 Fluorene
 Concen: 0.200 ng/ul
 RT: 15.593 min Scan# 21
 Delta R.T. 0.005 min
 Lab File: BM034618.D
 Acq: 12 Apr 2022 12:42

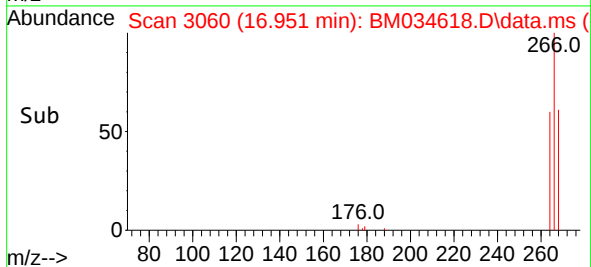
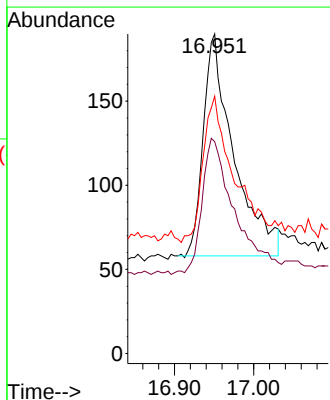
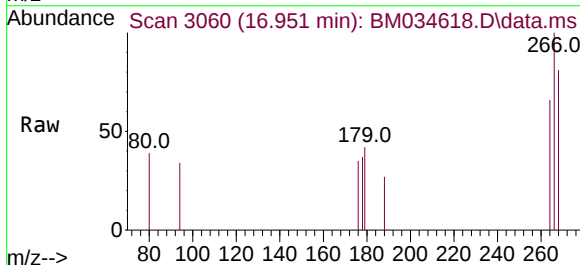
Instrument :
 BNA_M
 ClientSampleId :
 SST00.2023

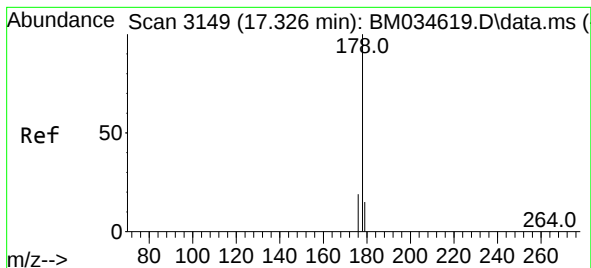
Tgt Ion:166	Resp:	2013
Ion Ratio	Lower	Upper
166	100	
165	100.5	81.1 121.7
167	21.5	14.9 22.3



#14
 Pentachlorophenol
 Concen: 0.209 ng/ul
 RT: 16.951 min Scan# 3060
 Delta R.T. 0.004 min
 Lab File: BM034618.D
 Acq: 12 Apr 2022 12:42

Tgt Ion:266	Resp:	354
Ion Ratio	Lower	Upper
266	100	
264	61.3	51.4 77.0
268	68.6	53.1 79.7





#15

Phenanthrene

Concen: 0.203 ng/ul

RT: 17.326 min Scan# 3149

Delta R.T. 0.000 min

Lab File: BM034618.D

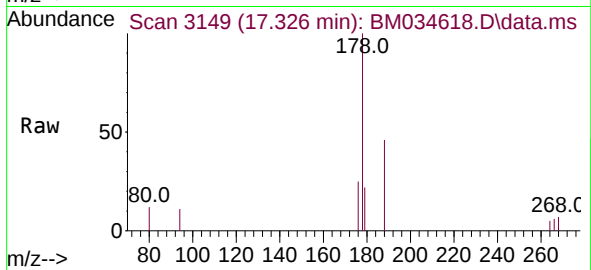
Acq: 12 Apr 2022 12:42

Instrument :

BNA_M

ClientSampleId :

SSTD0.2023



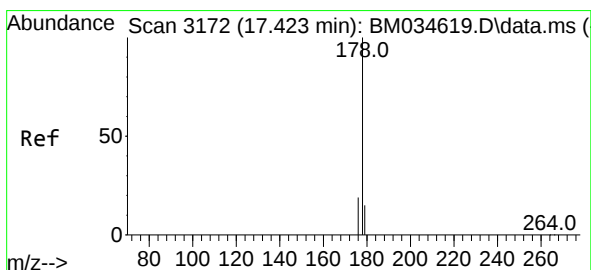
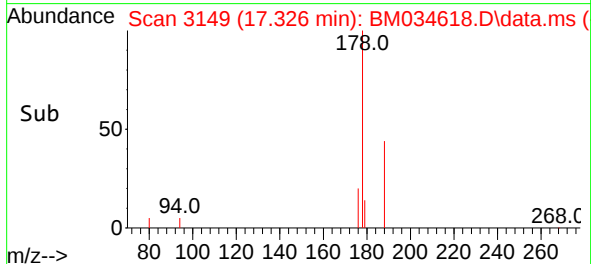
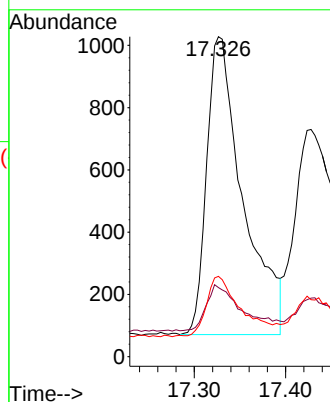
Tgt Ion:178 Resp: 2636

Ion Ratio Lower Upper

178 100

179 21.6 15.0 22.6

176 25.1 17.9 26.9



#16

Anthracene

Concen: 0.196 ng/ul

RT: 17.428 min Scan# 3173

Delta R.T. 0.004 min

Lab File: BM034618.D

Acq: 12 Apr 2022 12:42

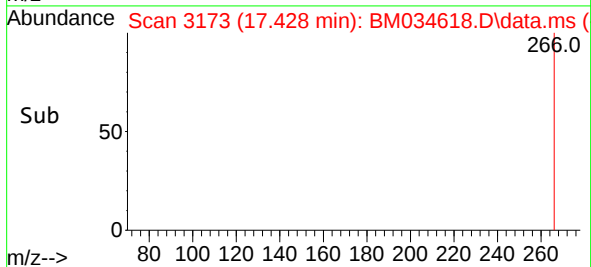
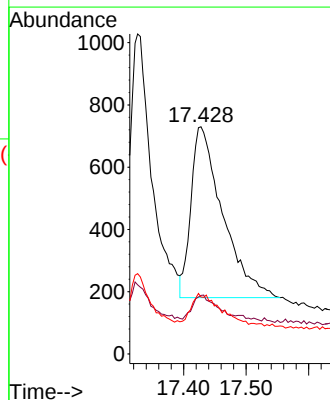
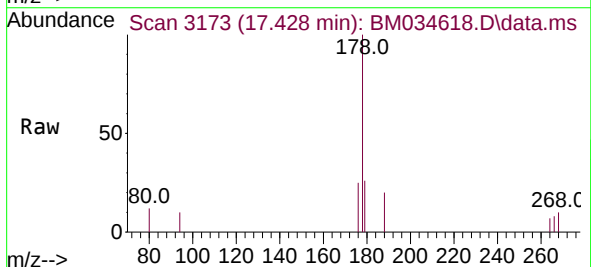
Tgt Ion:178 Resp: 1931

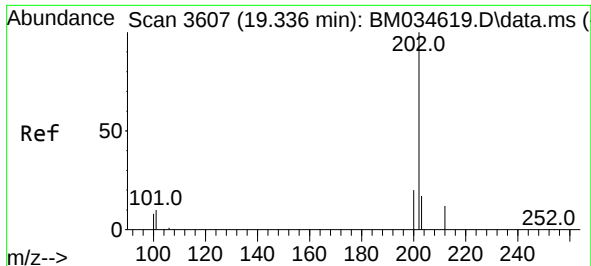
Ion Ratio Lower Upper

178 100

179 25.8 16.5 24.7#

176 25.1 18.3 27.5

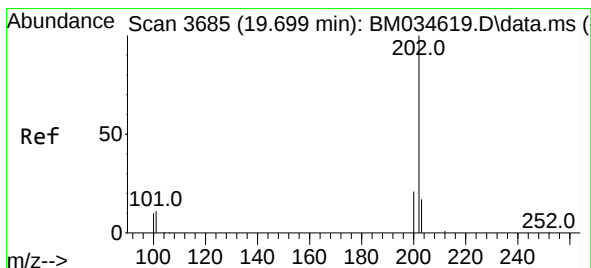
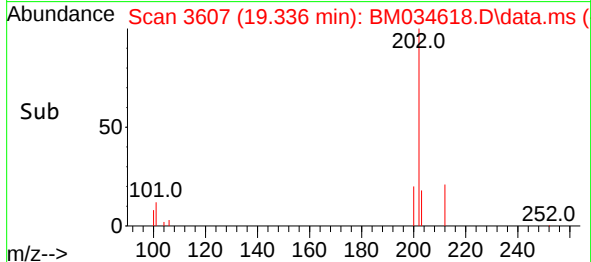
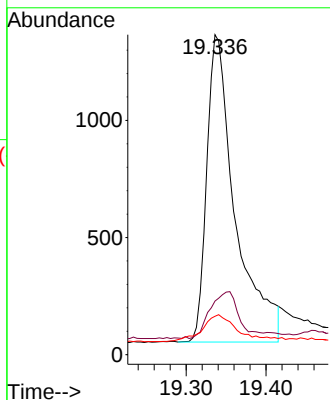
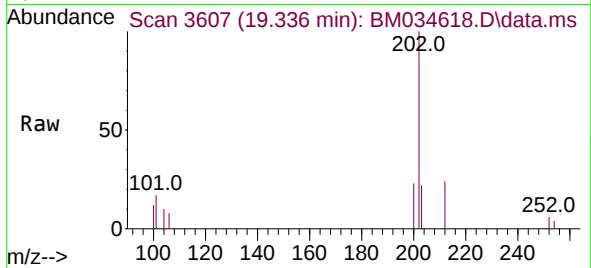




#19
Fluoranthene
Concen: 0.196 ng/u1
RT: 19.336 min Scan# 3607
Delta R.T. 0.000 min
Lab File: BM034618.D
Acq: 12 Apr 2022 12:42

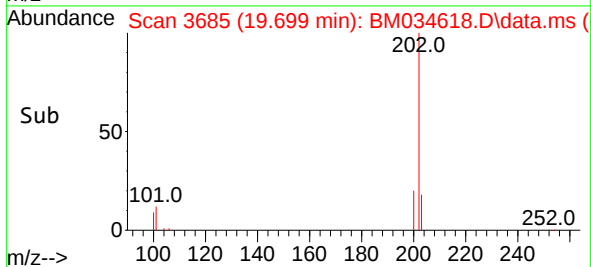
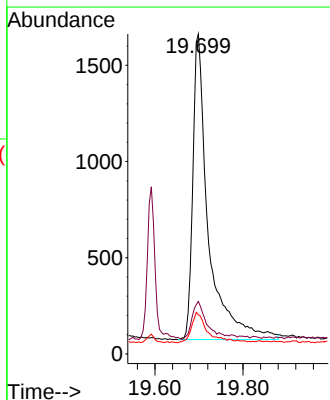
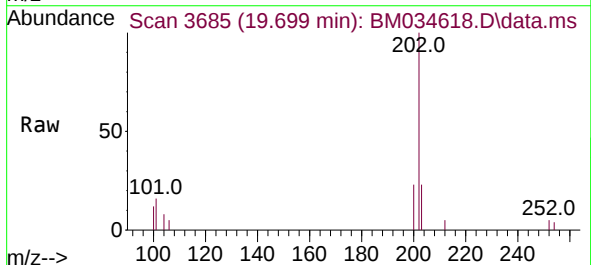
Instrument :
BNA_M
ClientSampleId :
SSTD0.2023

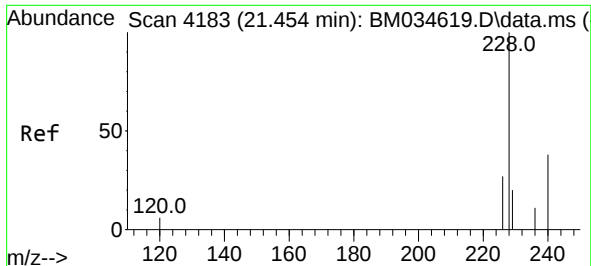
Tgt Ion:202 Resp: 3252
Ion Ratio Lower Upper
202 100
101 16.8 9.2 13.8#
100 12.0 7.2 10.8#



#20
Pyrene
Concen: 0.202 ng/u1
RT: 19.699 min Scan# 3685
Delta R.T. 0.000 min
Lab File: BM034618.D
Acq: 12 Apr 2022 12:42

Tgt Ion:202 Resp: 3900
Ion Ratio Lower Upper
202 100
101 16.4 9.3 13.9#
100 12.3 7.8 11.6#

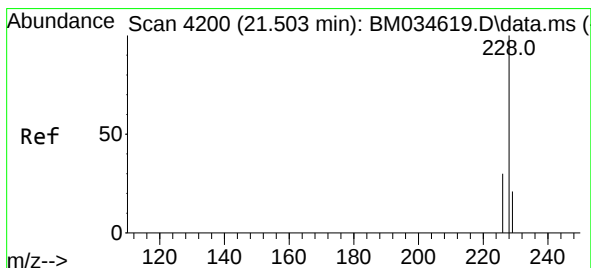
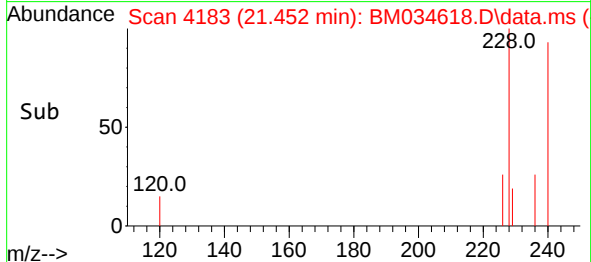
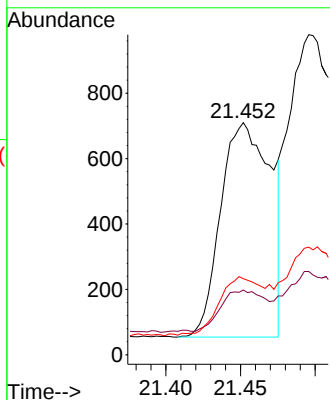
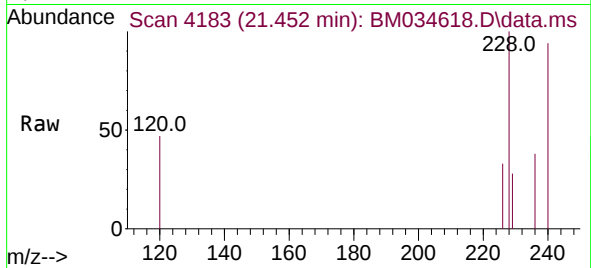




#21
Benzo(a)anthracene
Concen: 0.178 ng/ul
RT: 21.452 min Scan# 4183
Delta R.T. -0.002 min
Lab File: BM034618.D
Acq: 12 Apr 2022 12:42

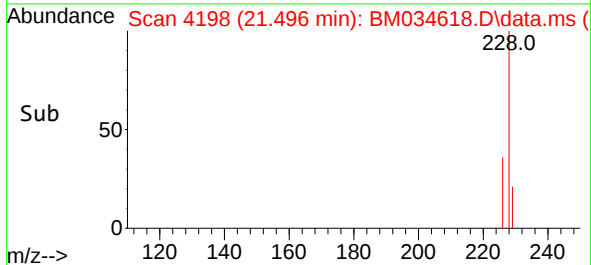
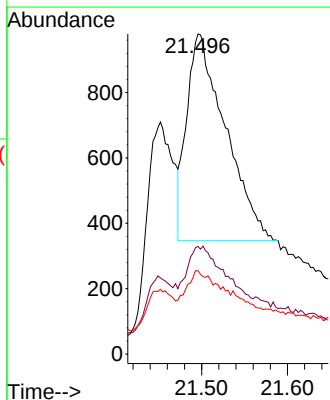
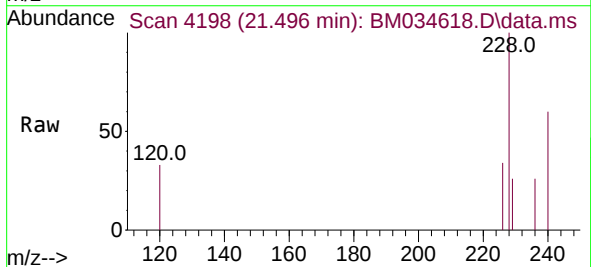
Instrument :
BNA_M
ClientSampleId :
SSTD0.2023

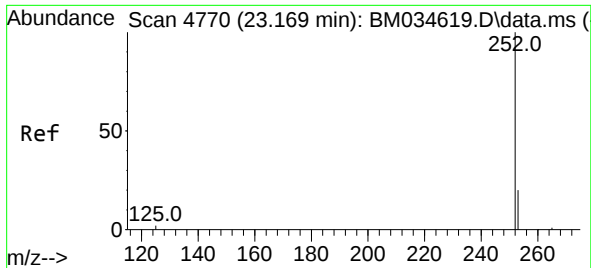
Tgt Ion:228 Resp: 1528
Ion Ratio Lower Upper
228 100
229 27.9 17.3 25.9#
226 32.8 23.2 34.8



#22
Chrysene
Concen: 0.195 ng/ul
RT: 21.496 min Scan# 4198
Delta R.T. -0.008 min
Lab File: BM034618.D
Acq: 12 Apr 2022 12:42

Tgt Ion:228 Resp: 1982
Ion Ratio Lower Upper
228 100
226 33.6 25.8 38.8
229 26.0 16.7 25.1#

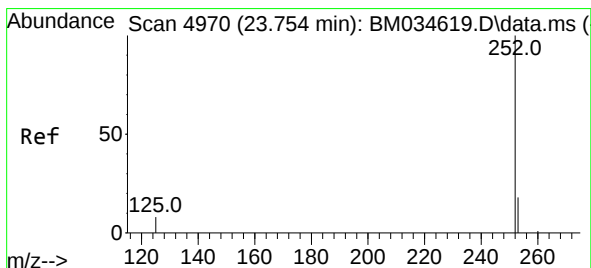
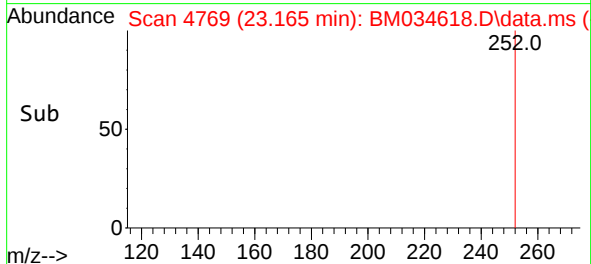
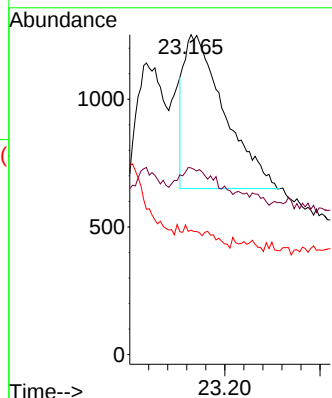
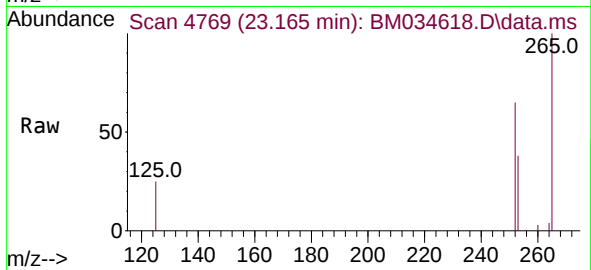




#25
Benzo(k)fluoranthene
Concen: 0.188 ng/ul
RT: 23.165 min Scan# 41
Delta R.T. -0.004 min
Lab File: BM034618.D
Acq: 12 Apr 2022 12:42

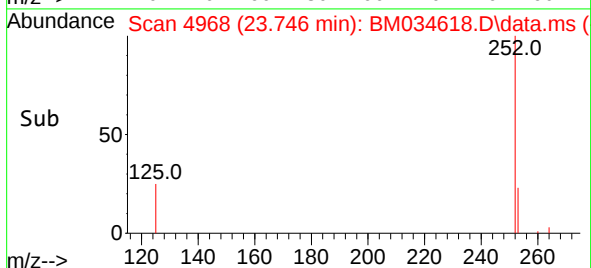
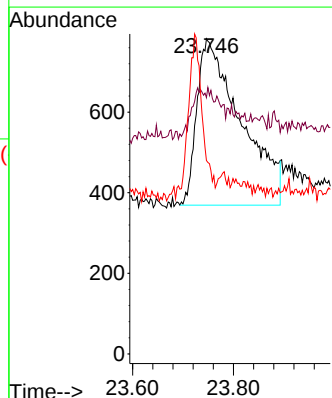
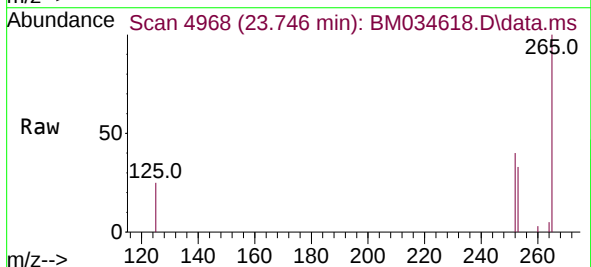
Instrument :
BNA_M
ClientSampleId :
SSTD0.2023

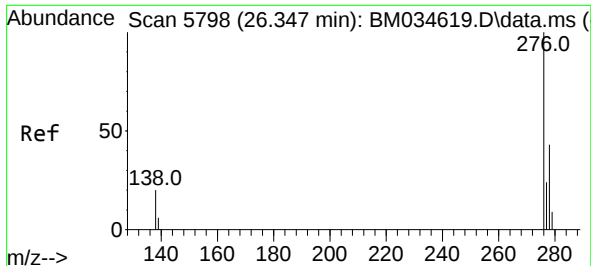
Tgt Ion:252 Resp: 1779
Ion Ratio Lower Upper
252 100
253 58.3 26.8 40.2#
125 38.9 12.0 18.0#



#26
Benzo(a)pyrene
Concen: 0.202 ng/ul
RT: 23.746 min Scan# 4968
Delta R.T. -0.008 min
Lab File: BM034618.D
Acq: 12 Apr 2022 12:42

Tgt Ion:252 Resp: 2502
Ion Ratio Lower Upper
252 100
253 81.3 32.0 48.0#
125 61.4 14.5 21.7#

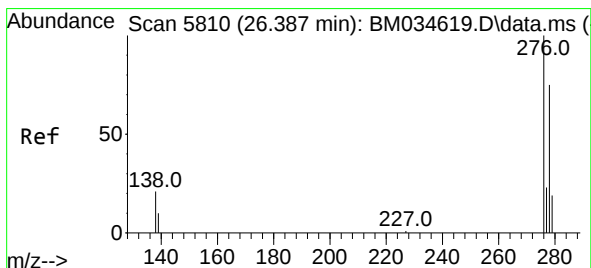
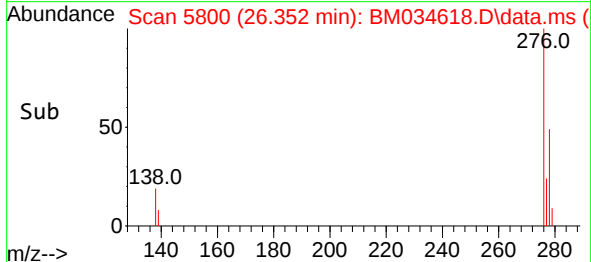
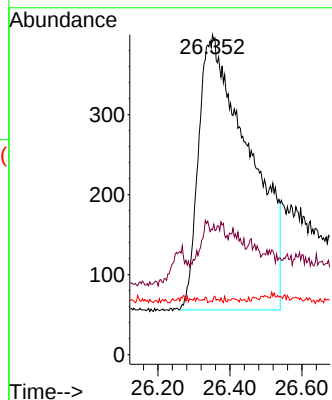
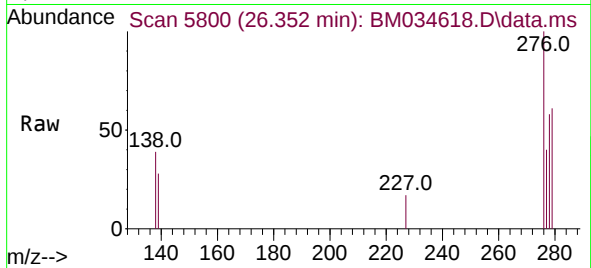




#27
Indeno(1,2,3-cd)pyrene
Concen: 0.225 ng/ul
RT: 26.352 min Scan# 5798
Delta R.T. 0.005 min
Lab File: BM034618.D
Acq: 12 Apr 2022 12:42

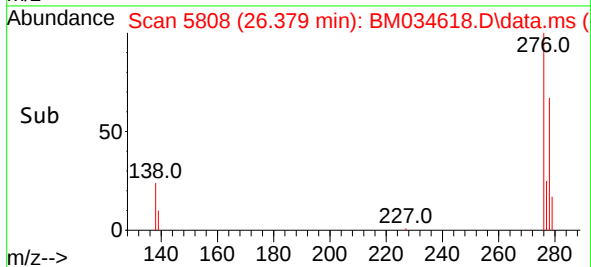
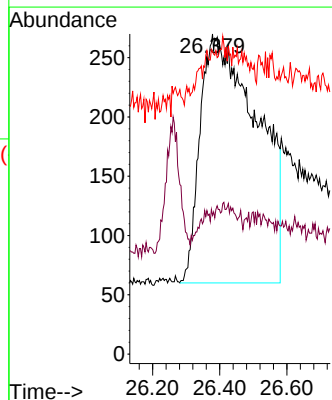
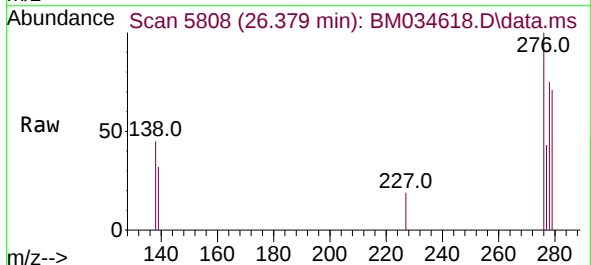
Instrument :
BNA_M
ClientSampleId :
SSTD0.2023

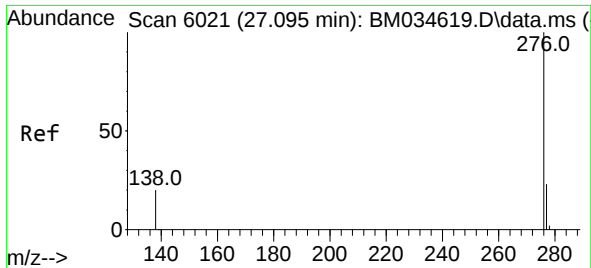
Tgt Ion:276 Resp: 3352
Ion Ratio Lower Upper
276 100
138 0.0 15.8 23.6#
227 0.2 0.0 0.0#



#28
Dibenzo(a,h)anthracene
Concen: 0.227 ng/ul
RT: 26.379 min Scan# 5808
Delta R.T. -0.008 min
Lab File: BM034618.D
Acq: 12 Apr 2022 12:42

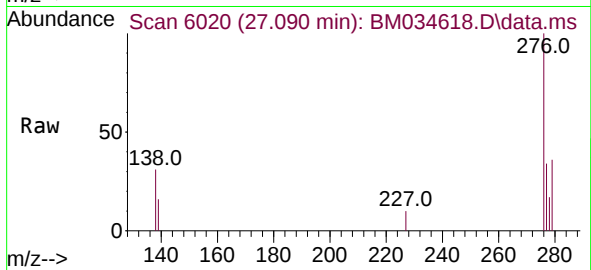
Tgt Ion:278 Resp: 2468
Ion Ratio Lower Upper
278 100
139 43.3 18.0 27.0#
279 94.4 28.6 42.8#





#29
 Benzo(g,h,i)perylene
 Concen: 0.230 ng/ul
 RT: 27.090 min Scan# 60
 Delta R.T. -0.005 min
 Lab File: BM034618.D
 Acq: 12 Apr 2022 12:42

Instrument :
 BNA_M
 ClientSampleId :
 SST0.2023



Tgt Ion:276 Resp: 3715
 Ion Ratio Lower Upper
 276 100
 138 31.2 17.4 26.0#
 277 33.6 22.6 33.8

