

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110921\
 Data File : BM032978.D
 Acq On : 11 Nov 2021 07:08
 Operator : CG/JU
 Sample : PB140354BS
 Misc :
 ALS Vial : 74 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS354

Quant Time: Nov 11 09:37:43 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM110921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 09 13:31:56 2021
 Response via : Initial Calibration

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

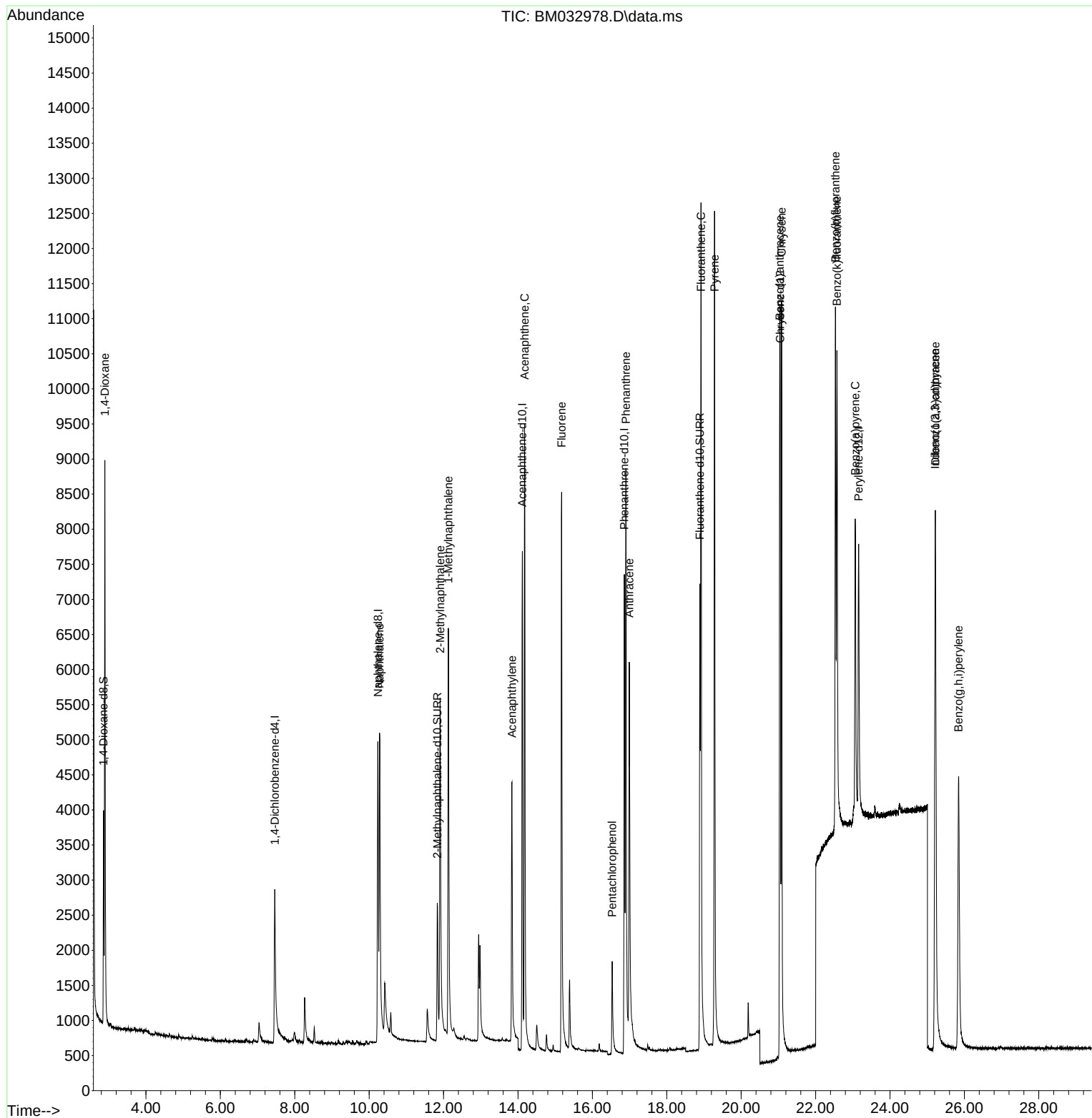
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.462	152	1930	0.400	ng/ul	0.00
4) Naphthalene-d8	10.235	136	7260	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.117	164	4159	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.858	188	8521	0.400	ng/ul	0.00
17) Chrysene-d12	21.049	240	6662	0.400	ng/ul	0.00
23) Perylene-d12	23.158	264	5154	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.860	96	1774	0.720	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.831	152	3525	0.342	ng/ul	0.00
18) Fluoranthene-d10	18.888	212	7650	0.379	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	2.895	88	5024	1.985	ng/ul#	89
5) Naphthalene	10.280	128	7659	0.363	ng/ul	99
7) 2-Methylnaphthalene	11.908	142	4798	0.329	ng/ul	100
8) 1-Methylnaphthalene	12.128	142	4594	0.321	ng/ul	100
10) Acenaphthylene	13.837	152	5920	0.327	ng/ul	99
11) Acenaphthene	14.178	153	5501	0.348	ng/ul	100
12) Fluorene	15.171	166	6141	0.330	ng/ul	99
14) Pentachlorophenol	16.532	266	1196	0.539	ng/ul	97
15) Phenanthrene	16.900	178	9666	0.341	ng/ul	99
16) Anthracene	16.990	178	7848	0.315	ng/ul	99
19) Fluoranthene	18.918	202	11154	0.357	ng/ul	98
20) Pyrene	19.284	202	11515	0.354	ng/ul	99
21) Benzo(a)anthracene	21.034	228	8103	0.329	ng/ul	99
22) Chrysene	21.085	228	9930	0.358	ng/ul	100
24) Benzo(b)fluoranthene	22.533	252	8643	0.366	ng/ul	98
25) Benzo(k)fluoranthene	22.574	252	9604	0.379	ng/ul	97
26) Benzo(a)pyrene	23.063	252	6996	0.359	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	25.215	276	8472	0.378	ng/ul#	98
28) Dibenzo(a,h)anthracene	25.217	278	6750	0.380	ng/ul	98
29) Benzo(g,h,i)perylene	25.845	276	7672	0.394	ng/ul	98

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

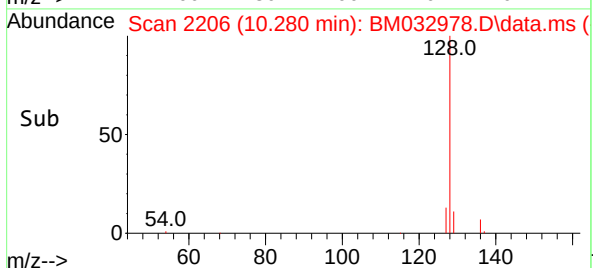
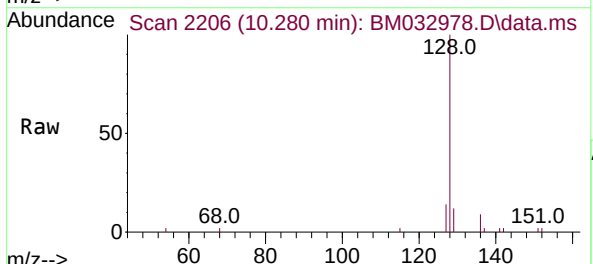
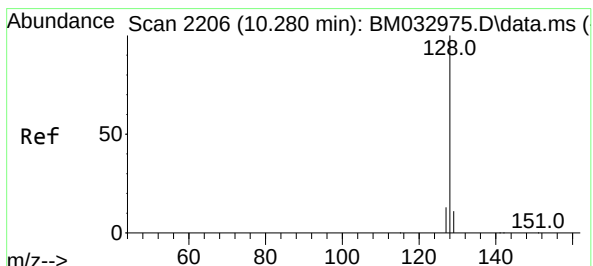
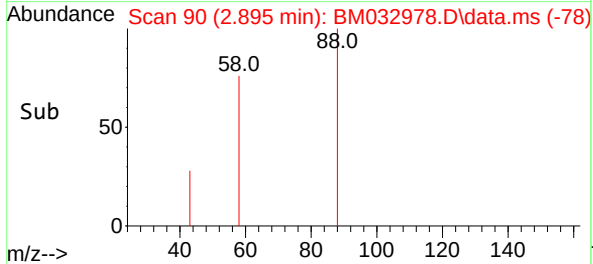
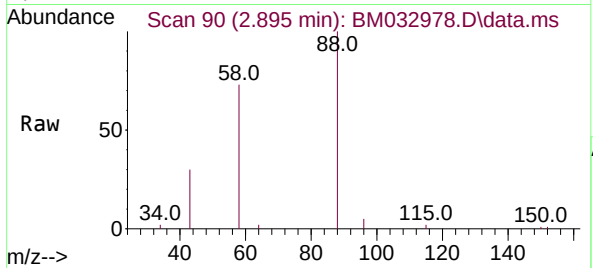
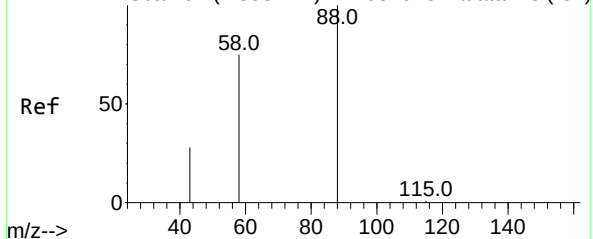
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110921\
Data File : BM032978.D
Acq On : 11 Nov 2021 07:08
Operator : CG/JU
Sample : PB140354BS
Misc :
ALS Vial : 74 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SLCS354

Quant Time: Nov 11 09:37:43 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM110921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 09 13:31:56 2021
Response via : Initial Calibration

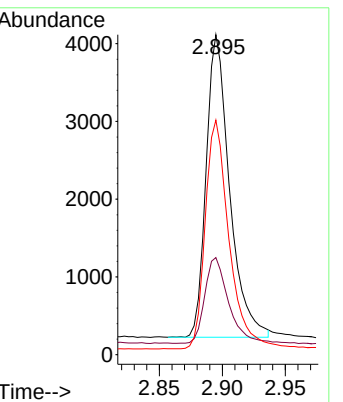


Abundance Scan 91 (2.898 min): BM032975.D\data.ms (-81)



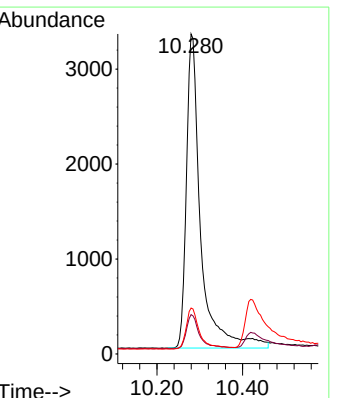
#2
1,4-Dioxane
Concen: 1.985 ng/ul
RT: 2.895 min Scan# 90
Delta R.T. -0.008 min
Lab File: BM032978.D
Acq: 11 Nov 2021 07:08

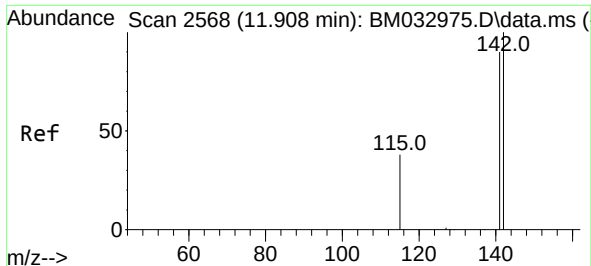
Tgt Ion: 88 Resp: 5024
Ion Ratio Lower Upper
88 100
43 30.4 35.8 53.8#
58 73.3 55.8 83.8



#5
Naphthalene
Concen: 0.363 ng/ul
RT: 10.280 min Scan# 2206
Delta R.T. -0.010 min
Lab File: BM032978.D
Acq: 11 Nov 2021 07:08

Tgt Ion: 128 Resp: 7659
Ion Ratio Lower Upper
128 100
129 12.3 9.8 14.6
127 14.3 11.8 17.8

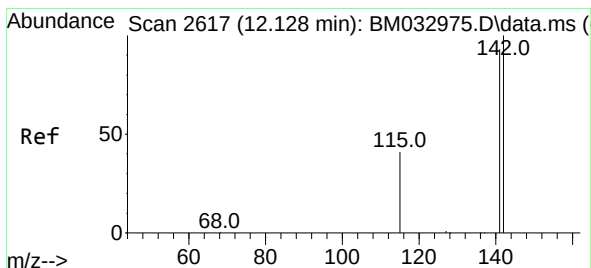
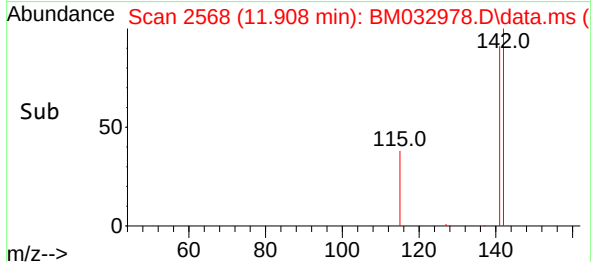
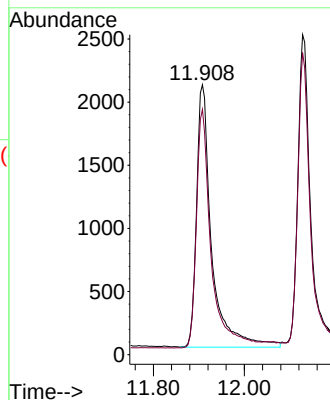
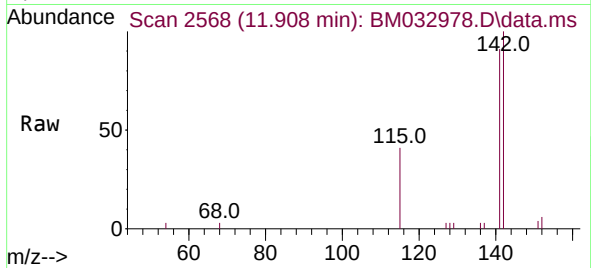




#7
2-Methylnaphthalene
Concen: 0.329 ng/ul
RT: 11.908 min Scan# 2568
Delta R.T. -0.005 min
Lab File: BM032978.D
Acq: 11 Nov 2021 07:08

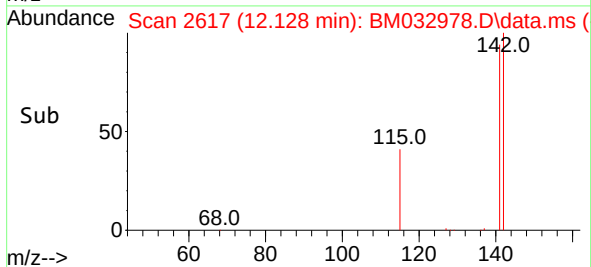
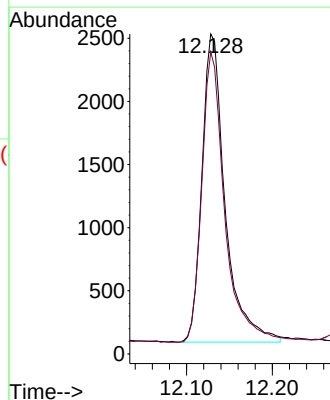
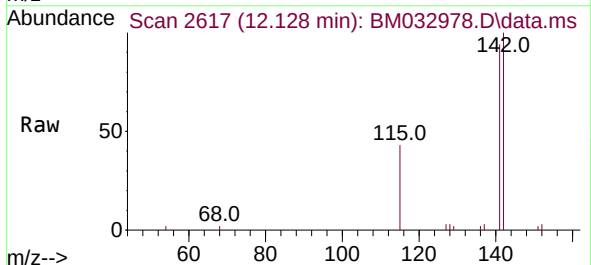
Instrument :
BNA_M
ClientSampleId :
SLCS354

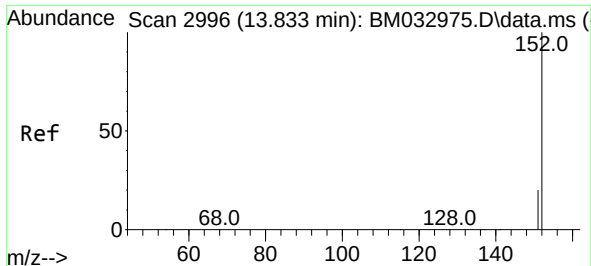
Tgt Ion:142 Resp: 4798
Ion Ratio Lower Upper
142 100
141 91.2 73.3 109.9



#8
1-Methylnaphthalene
Concen: 0.321 ng/ul
RT: 12.128 min Scan# 2617
Delta R.T. -0.010 min
Lab File: BM032978.D
Acq: 11 Nov 2021 07:08

Tgt Ion:142 Resp: 4594
Ion Ratio Lower Upper
142 100
141 93.1 74.5 111.7

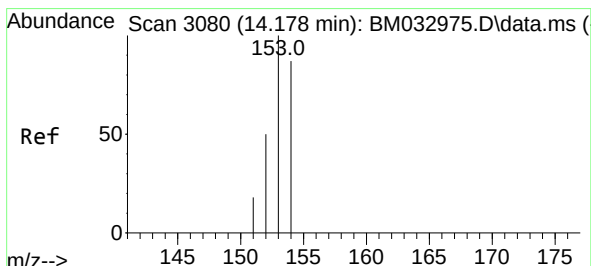
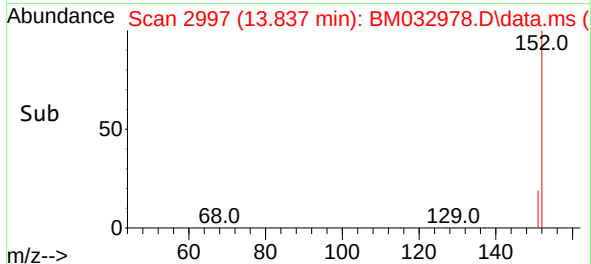
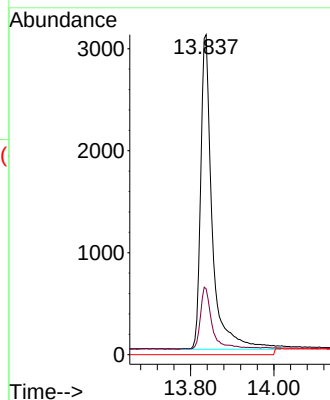
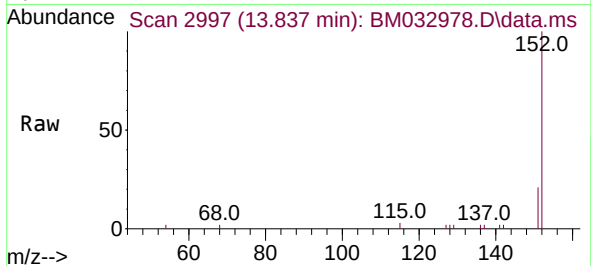




#10
Acenaphthylene
Concen: 0.327 ng/ul
RT: 13.837 min Scan# 2996
Delta R.T. -0.005 min
Lab File: BM032978.D
Acq: 11 Nov 2021 07:08

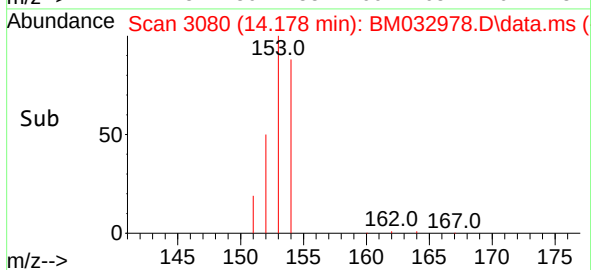
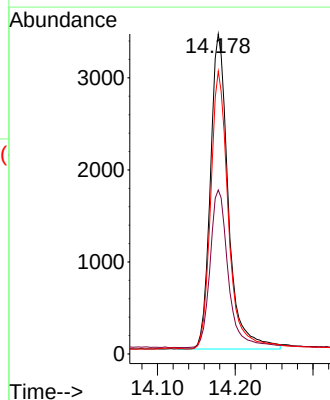
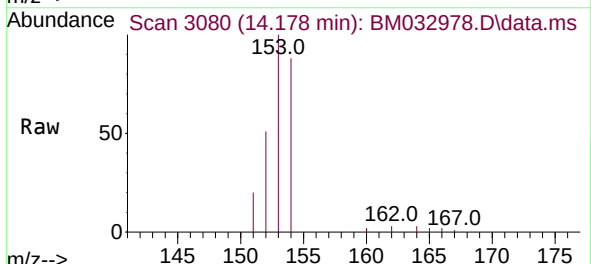
Instrument :
BNA_M
ClientSampleId :
SLCS354

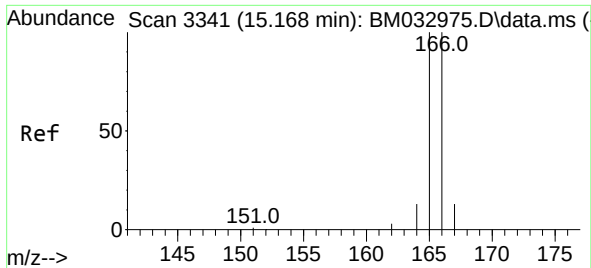
Tgt Ion:152 Resp: 5920
Ion Ratio Lower Upper
152 100
151 20.6 16.7 25.1
153 0.0 0.0 0.0



#11
Acenaphthene
Concen: 0.348 ng/ul
RT: 14.178 min Scan# 3080
Delta R.T. -0.008 min
Lab File: BM032978.D
Acq: 11 Nov 2021 07:08

Tgt Ion:153 Resp: 5501
Ion Ratio Lower Upper
153 100
152 51.3 40.6 60.8
154 88.4 70.8 106.2

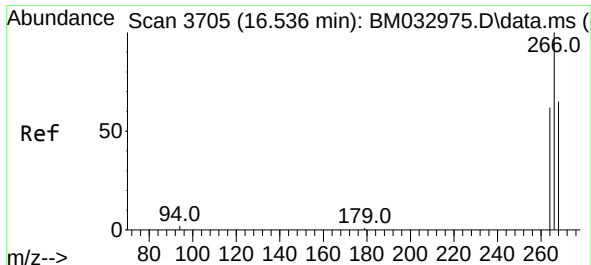
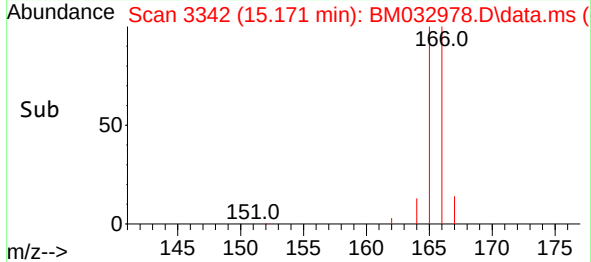
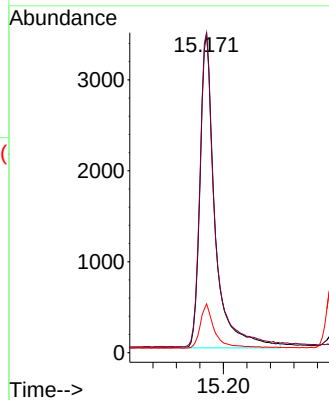
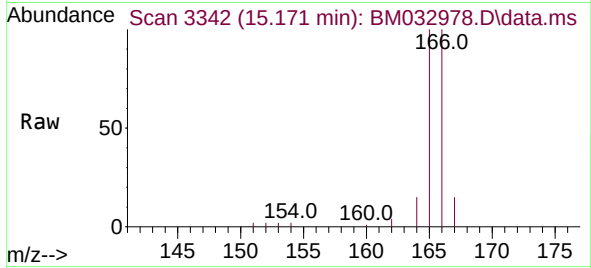




#12
Fluorene
Concen: 0.330 ng/ul
RT: 15.171 min Scan# 31
Delta R.T. -0.005 min
Lab File: BM032978.D
Acq: 11 Nov 2021 07:08

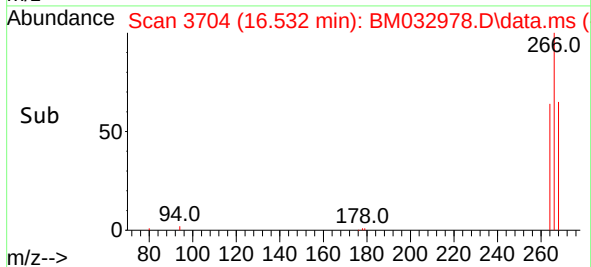
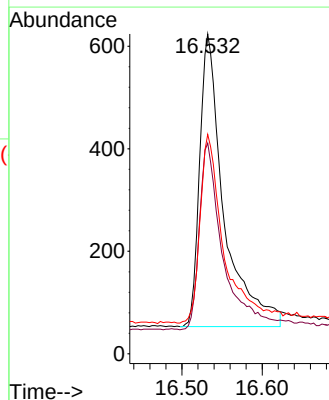
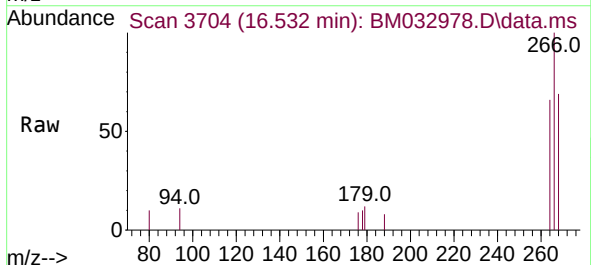
Instrument :
BNA_M
ClientSampleId :
SLCS354

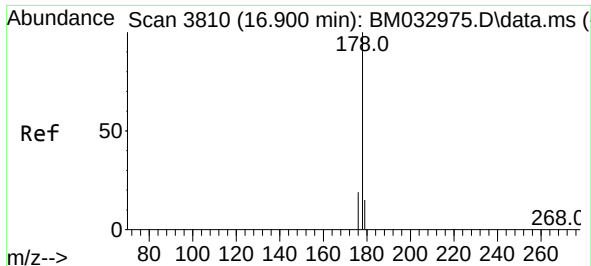
Tgt Ion:166 Resp: 6141
Ion Ratio Lower Upper
166 100
165 99.9 80.8 121.2
167 15.3 11.7 17.5



#14
Pentachlorophenol
Concen: 0.539 ng/ul
RT: 16.532 min Scan# 3704
Delta R.T. -0.011 min
Lab File: BM032978.D
Acq: 11 Nov 2021 07:08

Tgt Ion:266 Resp: 1196
Ion Ratio Lower Upper
266 100
264 62.3 51.2 76.8
268 63.8 52.9 79.3

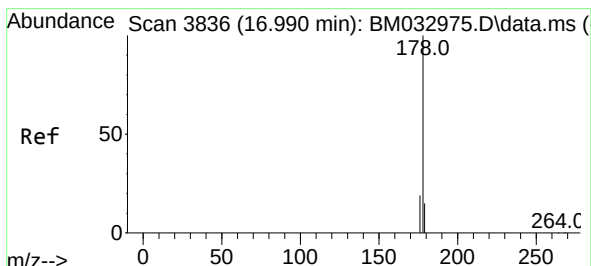
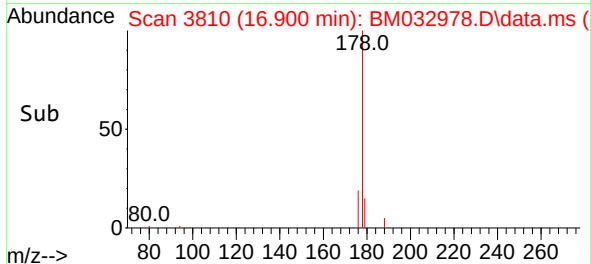
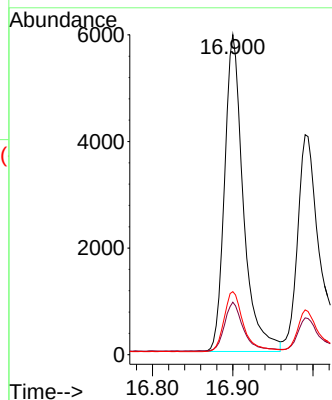
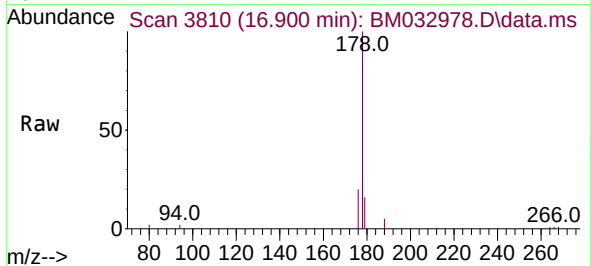




#15
Phenanthrene
Concen: 0.341 ng/ul
RT: 16.900 min Scan# 3810
Delta R.T. -0.008 min
Lab File: BM032978.D
Acq: 11 Nov 2021 07:08

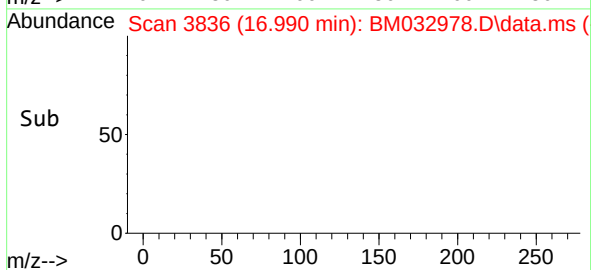
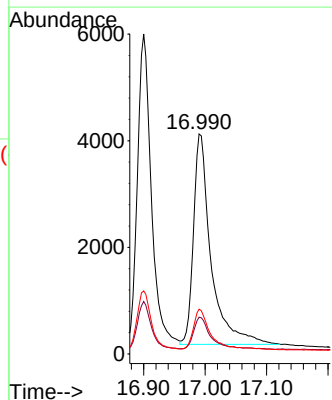
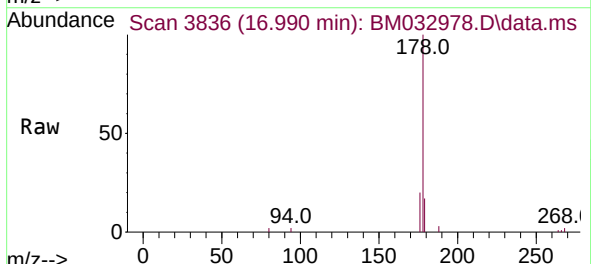
Instrument :
BNA_M
ClientSampleId :
SLCS354

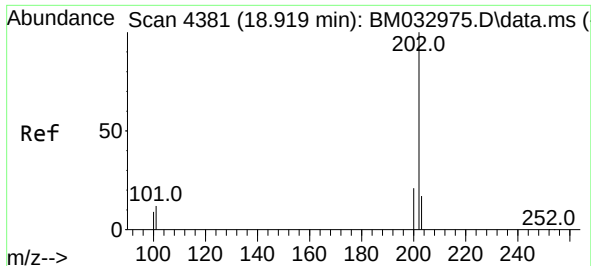
Tgt Ion:178	Resp:	9666
Ion Ratio	Lower	Upper
178	100	
179	16.4	12.9 19.3
176	19.7	16.0 24.0



#16
Anthracene
Concen: 0.315 ng/ul
RT: 16.990 min Scan# 3836
Delta R.T. -0.008 min
Lab File: BM032978.D
Acq: 11 Nov 2021 07:08

Tgt Ion:178	Resp:	7848
Ion Ratio	Lower	Upper
178	100	
179	16.7	13.0 19.6
176	20.4	15.6 23.4

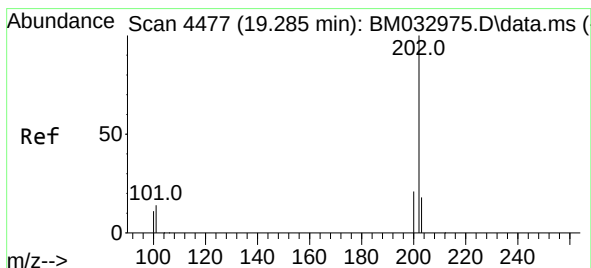
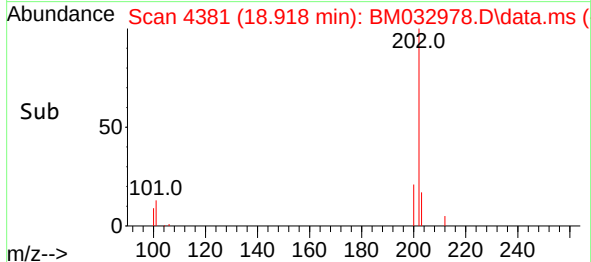
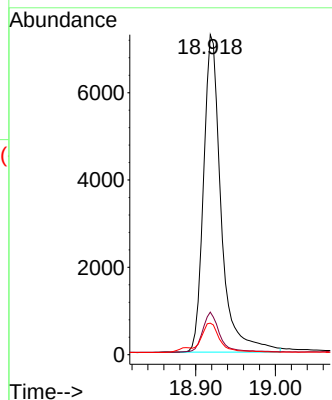
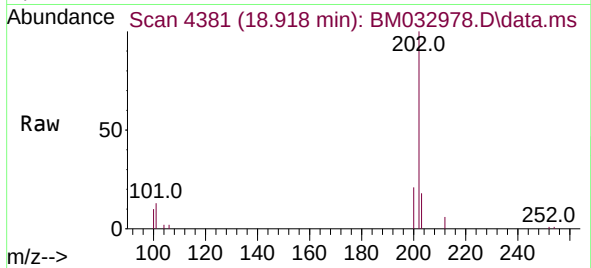




#19
Fluoranthene
Concen: 0.357 ng/ul
RT: 18.918 min Scan# 41
Delta R.T. -0.009 min
Lab File: BM032978.D
Acq: 11 Nov 2021 07:08

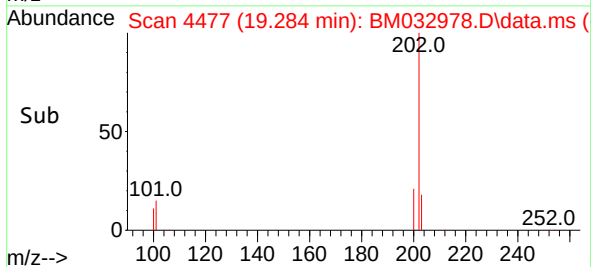
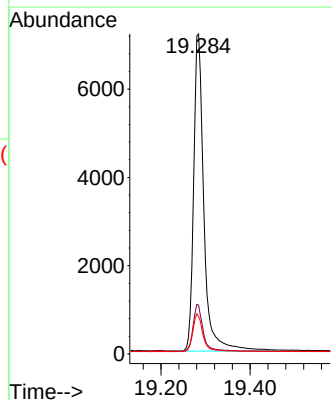
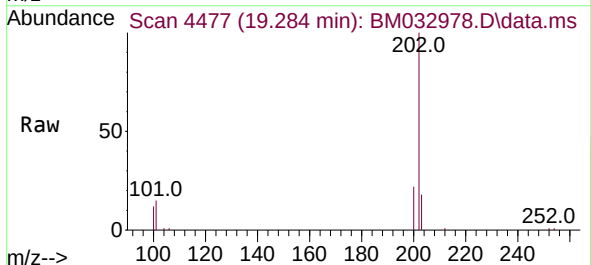
Instrument :
BNA_M
ClientSampleId :
SLCS354

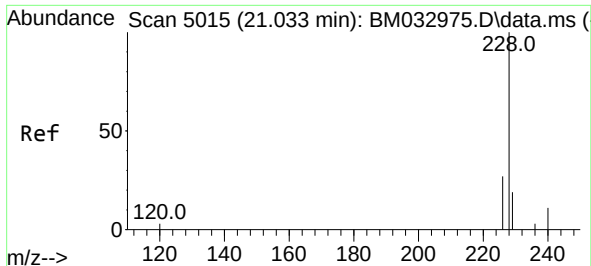
Tgt Ion:202 Resp: 11154
Ion Ratio Lower Upper
202 100
101 13.3 9.9 14.9
100 9.9 7.3 10.9



#20
Pyrene
Concen: 0.354 ng/ul
RT: 19.284 min Scan# 4477
Delta R.T. -0.005 min
Lab File: BM032978.D
Acq: 11 Nov 2021 07:08

Tgt Ion:202 Resp: 11515
Ion Ratio Lower Upper
202 100
101 15.3 11.8 17.6
100 11.8 9.5 14.3

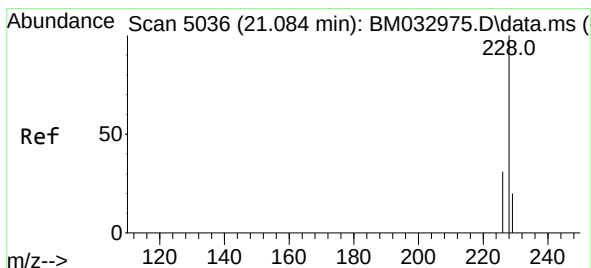
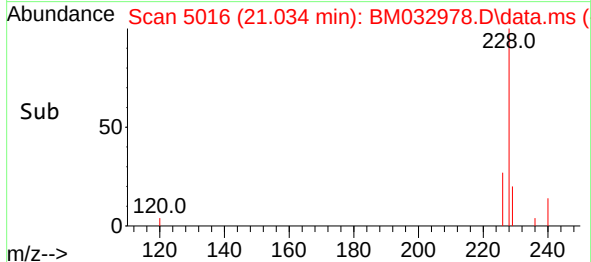
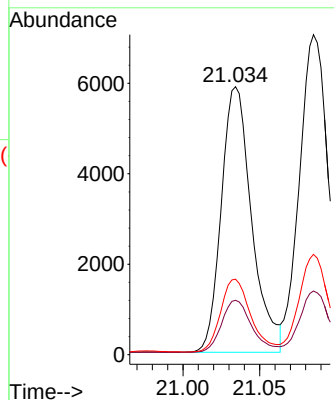
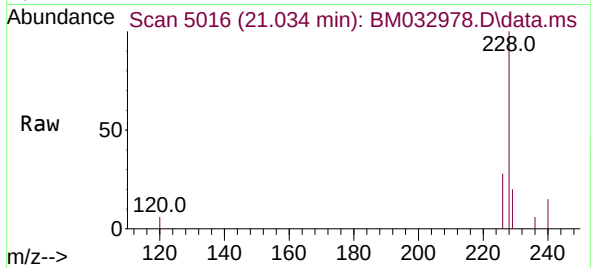




#21
Benzo(a)anthracene
Concen: 0.329 ng/ul
RT: 21.034 min Scan# 5015
Delta R.T. -0.004 min
Lab File: BM032978.D
Acq: 11 Nov 2021 07:08

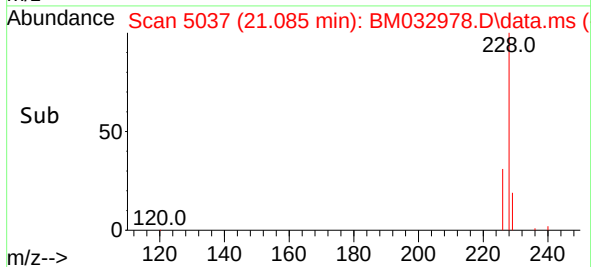
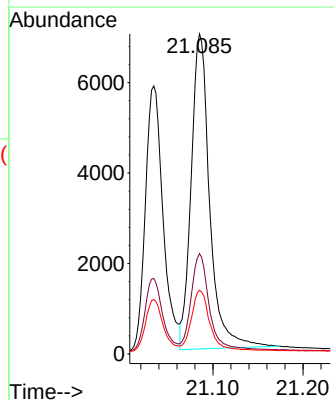
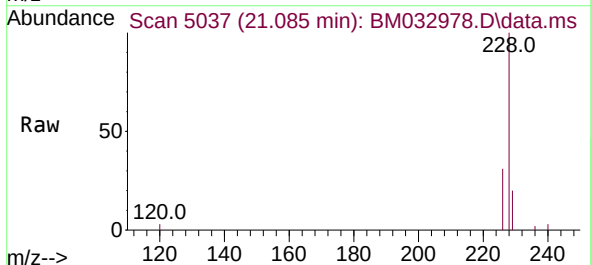
Instrument :
BNA_M
ClientSampleId :
SLCS354

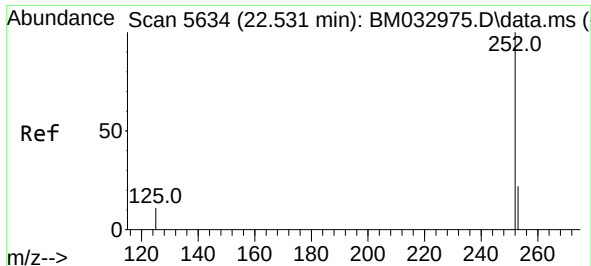
Tgt Ion:228 Resp: 8103
Ion Ratio Lower Upper
228 100
229 20.3 15.7 23.5
226 28.2 22.4 33.6



#22
Chrysene
Concen: 0.358 ng/ul
RT: 21.085 min Scan# 5037
Delta R.T. -0.006 min
Lab File: BM032978.D
Acq: 11 Nov 2021 07:08

Tgt Ion:228 Resp: 9930
Ion Ratio Lower Upper
228 100
226 31.4 24.9 37.3
229 19.9 16.1 24.1

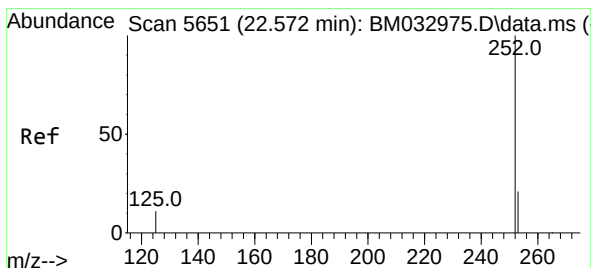
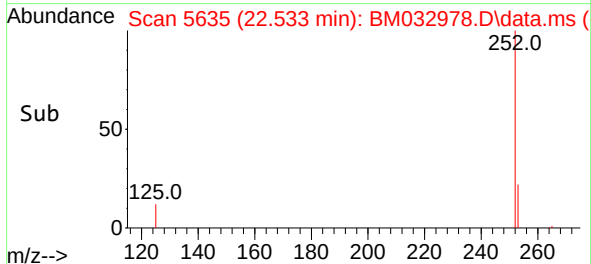
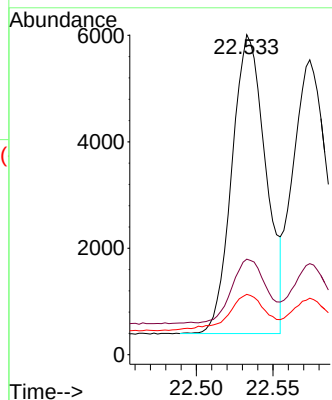
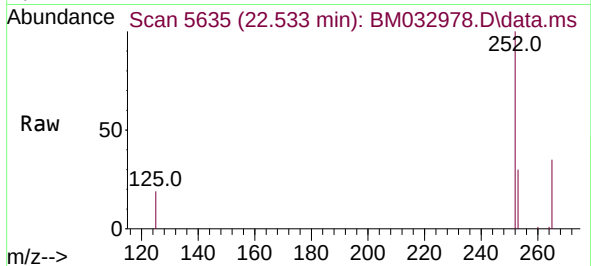




#24
Benzo(b)fluoranthene
Concen: 0.366 ng/ul
RT: 22.533 min Scan# 5634
Delta R.T. -0.009 min
Lab File: BM032978.D
Acq: 11 Nov 2021 07:08

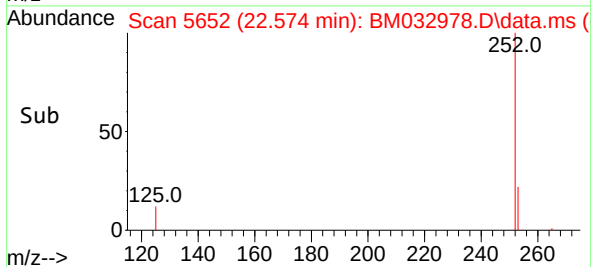
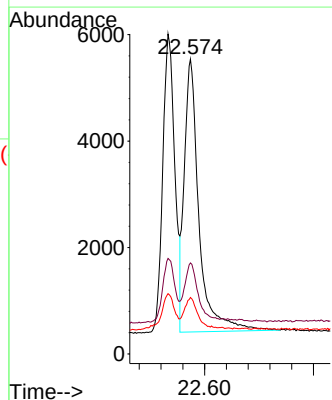
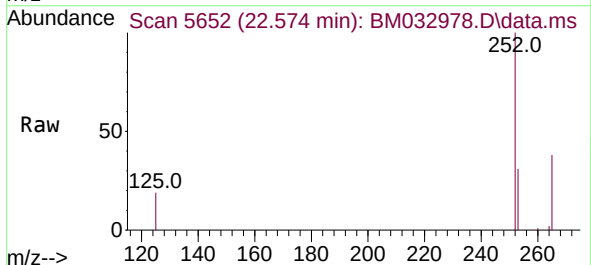
Instrument :
BNA_M
ClientSampleId :
SLCS354

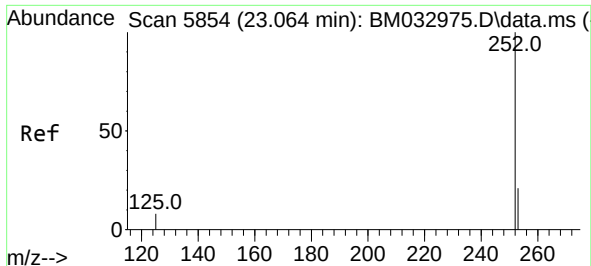
Tgt Ion:252 Resp: 8643
Ion Ratio Lower Upper
252 100
253 29.9 0.0 59.2
125 18.8 0.0 34.2



#25
Benzo(k)fluoranthene
Concen: 0.379 ng/ul
RT: 22.574 min Scan# 5652
Delta R.T. -0.009 min
Lab File: BM032978.D
Acq: 11 Nov 2021 07:08

Tgt Ion:252 Resp: 9604
Ion Ratio Lower Upper
252 100
253 30.9 23.1 34.7
125 19.2 14.6 21.8

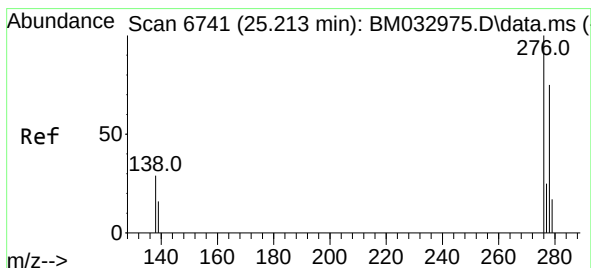
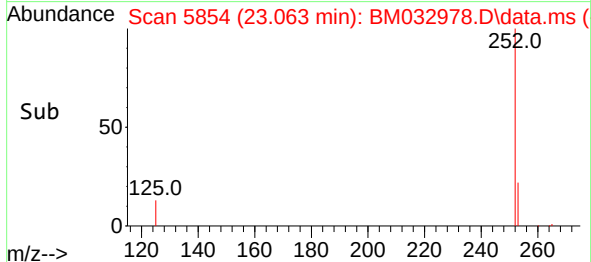
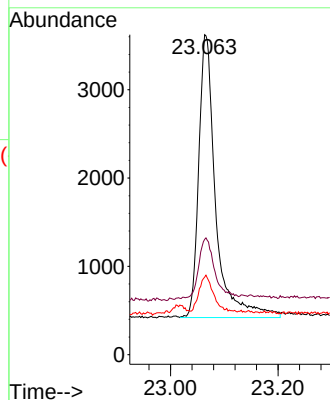
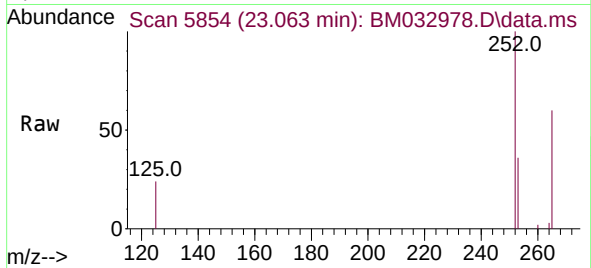




#26
Benzo(a)pyrene
Concen: 0.359 ng/ul
RT: 23.063 min Scan# 5854
Delta R.T. -0.009 min
Lab File: BM032978.D
Acq: 11 Nov 2021 07:08

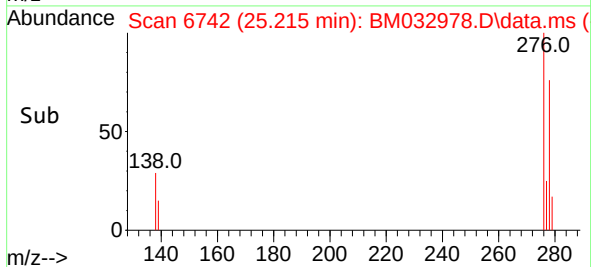
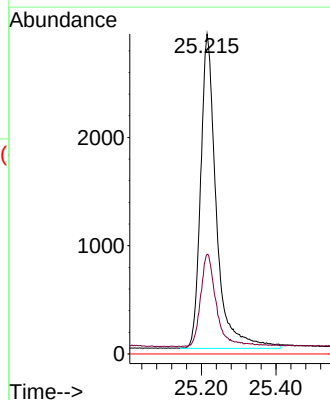
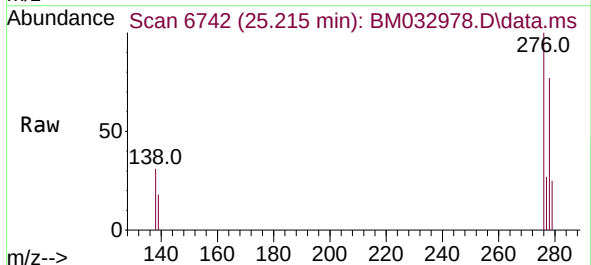
Instrument :
BNA_M
ClientSampleId :
SLCS354

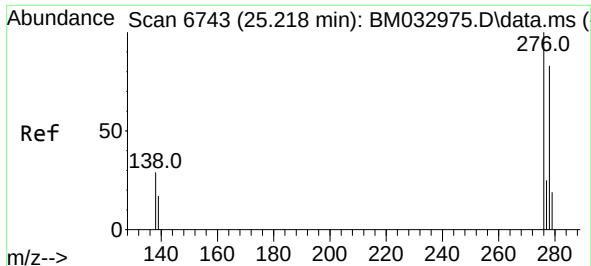
Tgt Ion:252 Resp: 6996
Ion Ratio Lower Upper
252 100
253 36.0 27.1 40.7
125 24.3 17.4 26.2



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.378 ng/ul
RT: 25.215 min Scan# 6742
Delta R.T. -0.019 min
Lab File: BM032978.D
Acq: 11 Nov 2021 07:08

Tgt Ion:276 Resp: 8472
Ion Ratio Lower Upper
276 100
138 29.7 22.9 34.3
227 0.0 0.0 0.0

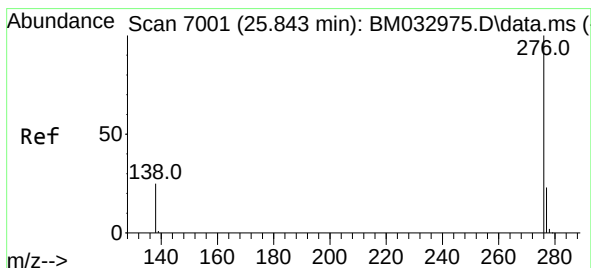
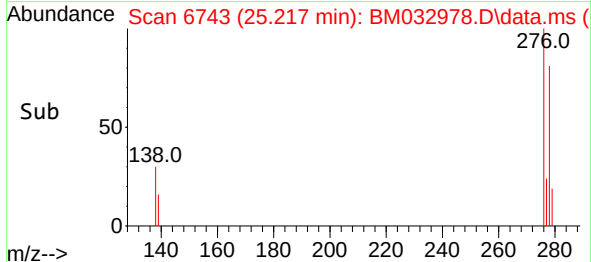
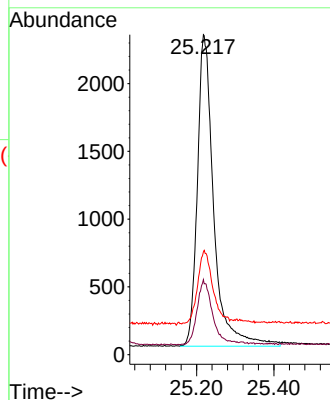
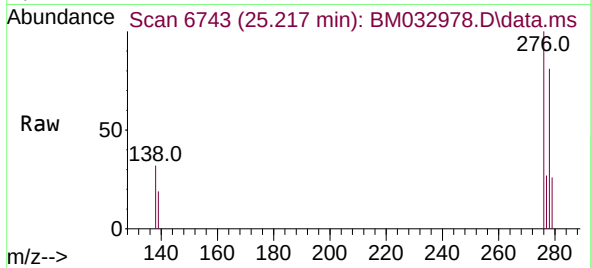




#28
Dibenzo(a,h)anthracene
Concen: 0.380 ng/ul
RT: 25.217 min Scan# 61
Delta R.T. -0.019 min
Lab File: BM032978.D
Acq: 11 Nov 2021 07:08

Instrument :
BNA_M
ClientSampleId :
SLCS354

Tgt Ion:278 Resp: 6750
Ion Ratio Lower Upper
278 100
139 23.4 18.2 27.2
279 32.1 24.6 36.8



#29
Benzo(g,h,i)perylene
Concen: 0.394 ng/ul
RT: 25.845 min Scan# 7002
Delta R.T. -0.016 min
Lab File: BM032978.D
Acq: 11 Nov 2021 07:08

Tgt Ion:276 Resp: 7672
Ion Ratio Lower Upper
276 100
138 28.8 22.2 33.2
277 25.5 21.0 31.4

