

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM123022\
 Data File : BM038343.D
 Acq On : 29 Dec 2022 15:01
 Operator : CG/JU
 Sample : SST0.819
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SST0.8032

Quant Time: Dec 30 01:29:46 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM123022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 30 01:28:15 2022
 Response via : Initial Calibration

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

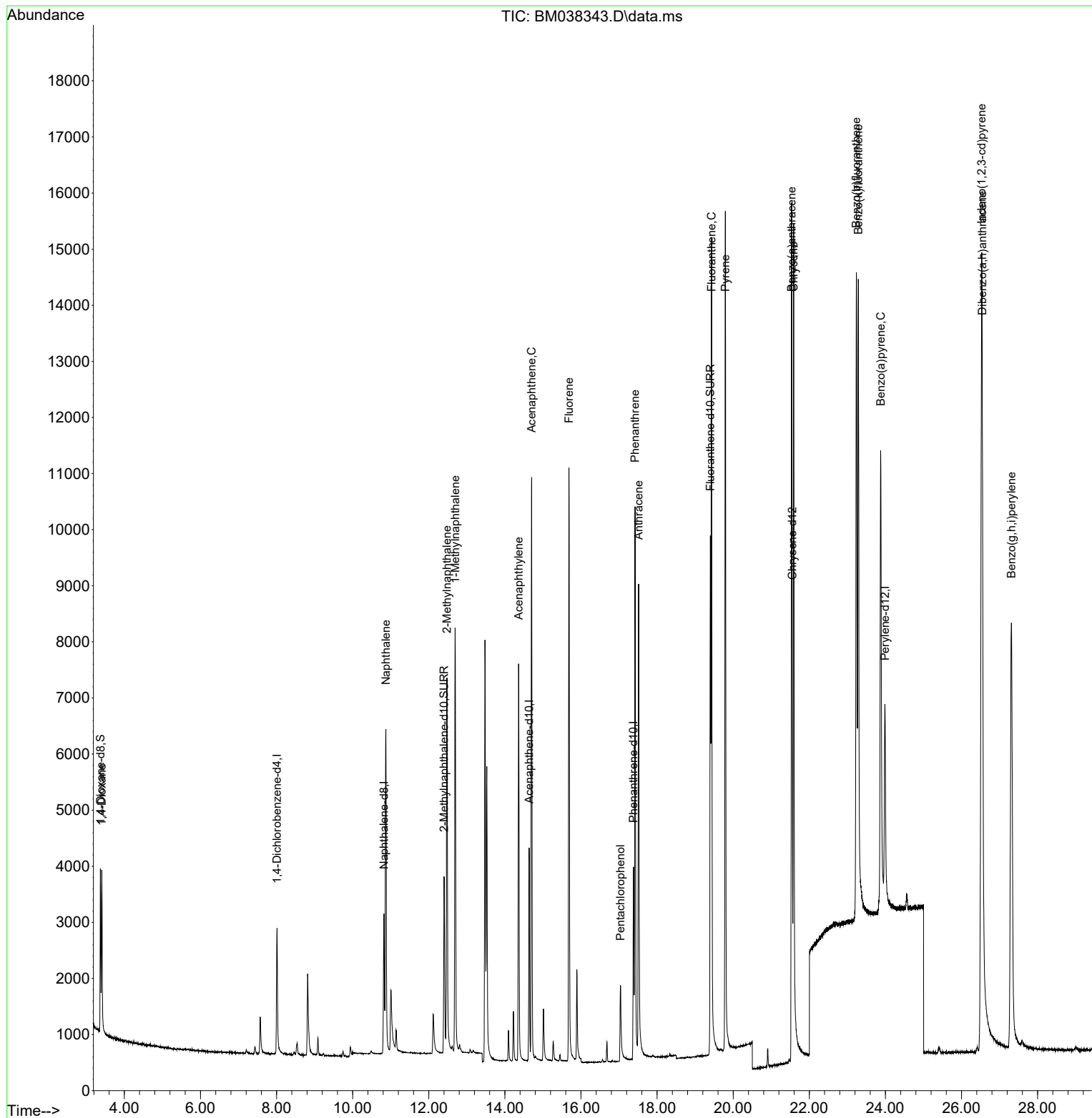
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.013	152	1373	0.400	ng/ul	0.00
4) Naphthalene-d8	10.823	136	3714	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.638	164	2102	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.379	188	4545	0.400	ng/ul	0.00
17) Chrysene-d12	21.551	240	4721	0.400	ng/ul	0.00
23) Perylene-d12	23.988	264	5399	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.372	96	1747	1.251	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.401	152	4809	0.880	ng/ul	0.00
18) Fluoranthene-d10	19.399	212	11546	0.651	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.406	88	1799	1.313	ng/ul	93
5) Naphthalene	10.873	128	8509	0.782	ng/ul	98
7) 2-Methylnaphthalene	12.478	142	5327	0.787	ng/ul	98
8) 1-Methylnaphthalene	12.693	142	5364	0.775	ng/ul	98
10) Acenaphthylene	14.361	152	8518	0.734	ng/ul	98
11) Acenaphthene	14.703	153	6240	0.753	ng/ul	97
12) Fluorene	15.684	166	7167	0.798	ng/ul	97
14) Pentachlorophenol	17.037	266	1351	0.597	ng/ul	97
15) Phenanthrene	17.422	178	11175	0.735	ng/ul	99
16) Anthracene	17.515	178	10631	0.728	ng/ul	98
19) Fluoranthene	19.431	202	14022	0.542	ng/ul	98
20) Pyrene	19.794	202	14863	0.569	ng/ul	98
21) Benzo(a)anthracene	21.533	228	13546	0.654	ng/ul	99
22) Chrysene	21.589	228	14042	0.697	ng/ul	97
24) Benzo(b)fluoranthene	23.237	252	16719	0.700	ng/ul	93
25) Benzo(k)fluoranthene	23.287	252	16802	0.732	ng/ul#	92
26) Benzo(a)pyrene	23.874	252	15826	0.759	ng/ul#	89
27) Indeno(1,2,3-cd)pyrene	26.528	276	22940	0.793	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.545	278	18170	0.809	ng/ul	93
29) Benzo(g,h,i)perylene	27.310	276	20258	0.832	ng/ul	98

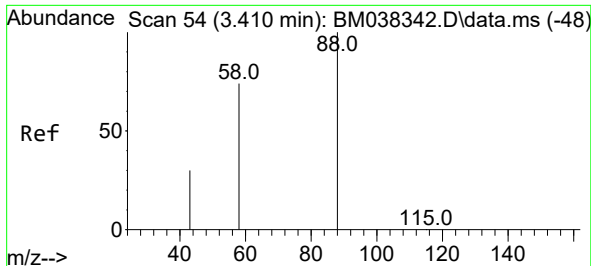
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM123022\
Data File : BM038343.D
Acq On : 29 Dec 2022 15:01
Operator : CG/JU
Sample : SST00.819
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD0.8032

Quant Time: Dec 30 01:29:46 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM123022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 30 01:28:15 2022
Response via : Initial Calibration

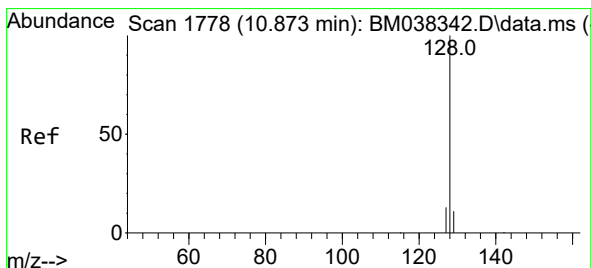
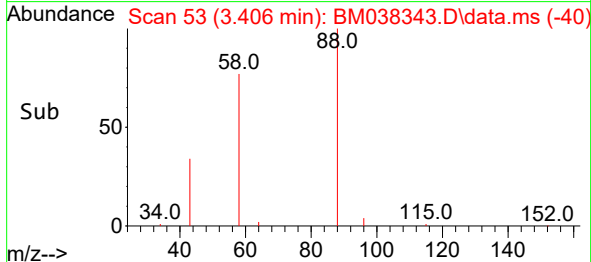
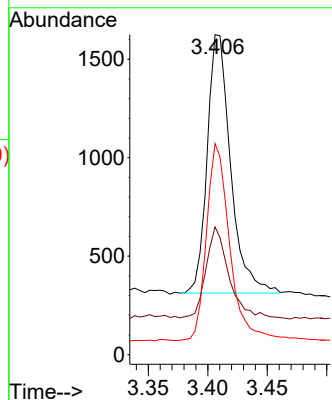
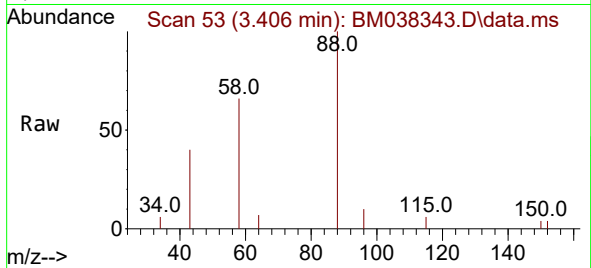




#2
1,4-Dioxane
Concen: 1.313 ng/ul
RT: 3.406 min Scan# 51
Delta R.T. -0.004 min
Lab File: BM038343.D
Acq: 29 Dec 2022 15:01

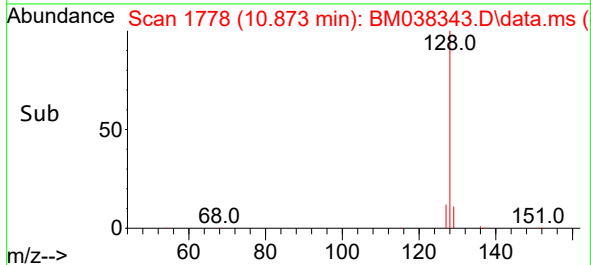
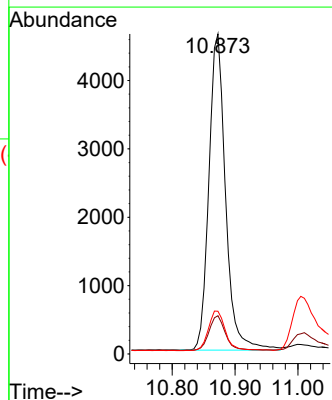
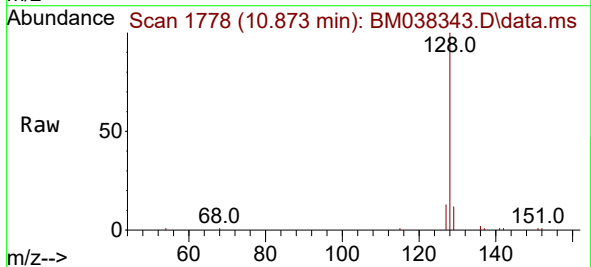
Instrument :
BNA_M
ClientSampleId :
SSTD0.8032

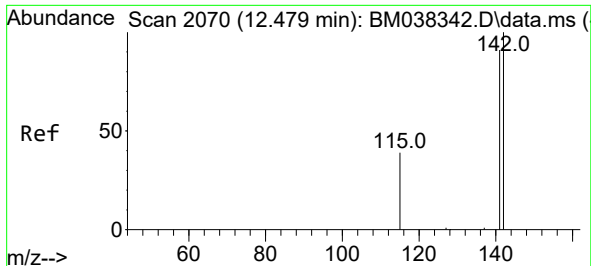
Tgt Ion: 88 Resp: 1799
Ion Ratio Lower Upper
88 100
43 39.9 32.6 49.0
58 66.0 46.6 69.8



#5
Naphthalene
Concen: 0.782 ng/ul
RT: 10.873 min Scan# 1778
Delta R.T. -0.000 min
Lab File: BM038343.D
Acq: 29 Dec 2022 15:01

Tgt Ion:128 Resp: 8509
Ion Ratio Lower Upper
128 100
129 11.9 10.2 15.2
127 13.4 11.4 17.2

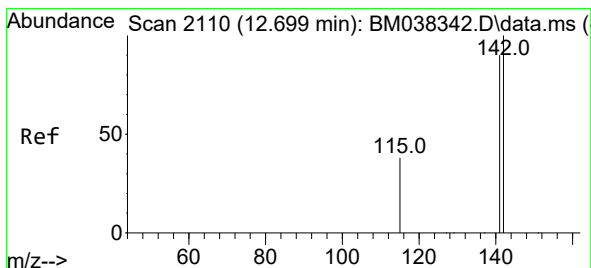
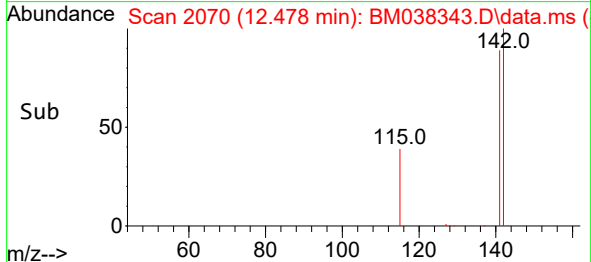
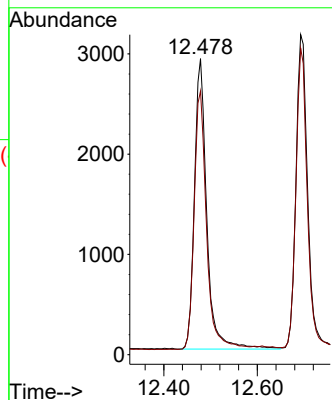
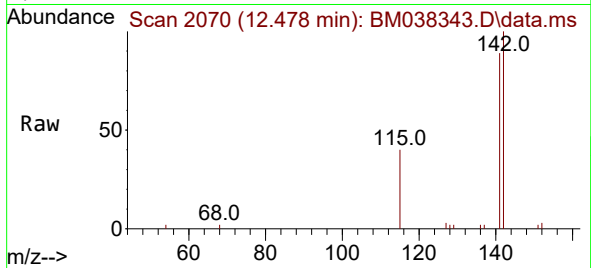




#7
2-Methylnaphthalene
Concen: 0.787 ng/ul
RT: 12.478 min Scan# 2070
Delta R.T. -0.000 min
Lab File: BM038343.D
Acq: 29 Dec 2022 15:01

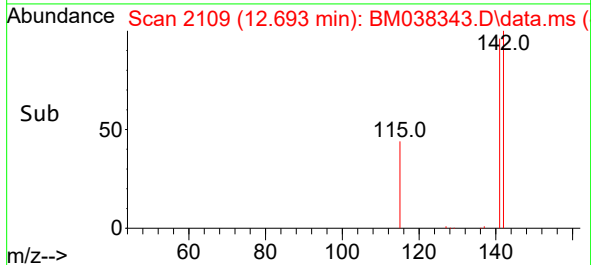
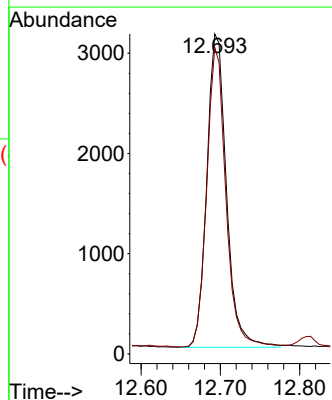
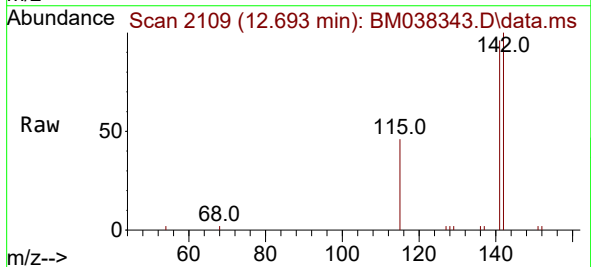
Instrument :
BNA_M
ClientSampleId :
SSTD0.8032

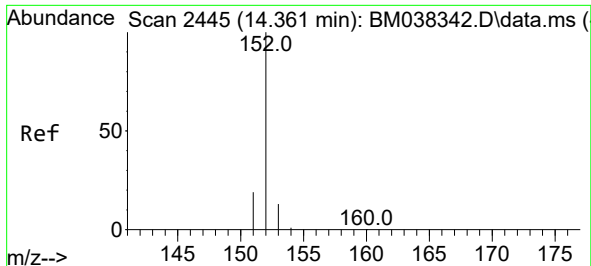
Tgt Ion:142 Resp: 5327
Ion Ratio Lower Upper
142 100
141 91.3 71.2 106.8



#8
1-Methylnaphthalene
Concen: 0.775 ng/ul
RT: 12.693 min Scan# 2109
Delta R.T. -0.006 min
Lab File: BM038343.D
Acq: 29 Dec 2022 15:01

Tgt Ion:142 Resp: 5364
Ion Ratio Lower Upper
142 100
141 93.3 73.2 109.8

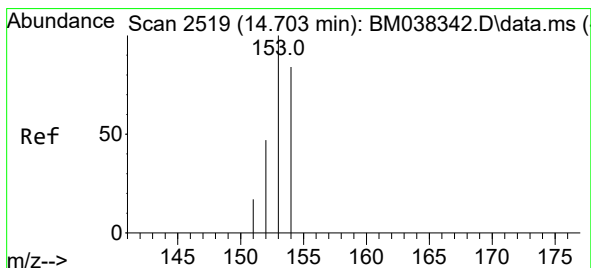
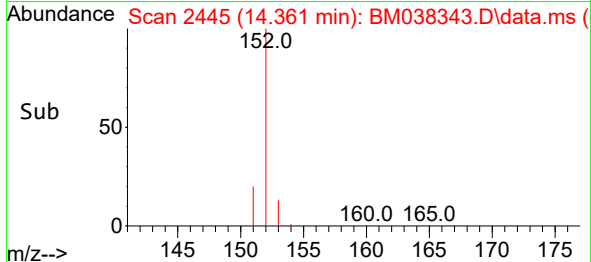
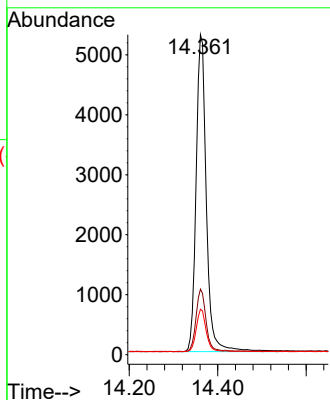
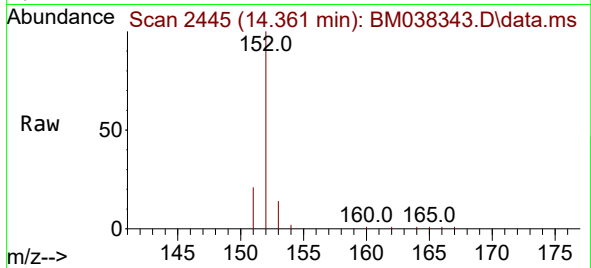




#10
Acenaphthylene
Concen: 0.734 ng/ul
RT: 14.361 min Scan# 2445
Delta R.T. -0.000 min
Lab File: BM038343.D
Acq: 29 Dec 2022 15:01

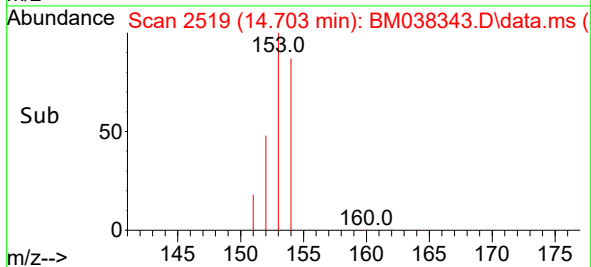
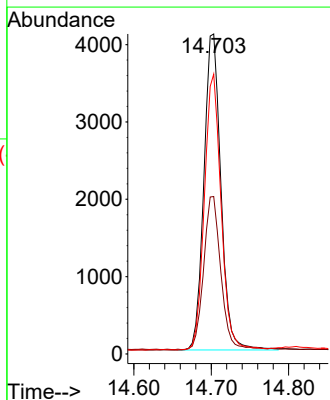
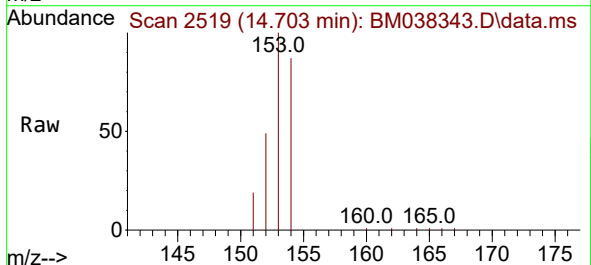
Instrument :
BNA_M
ClientSampleId :
SSTD0.8032

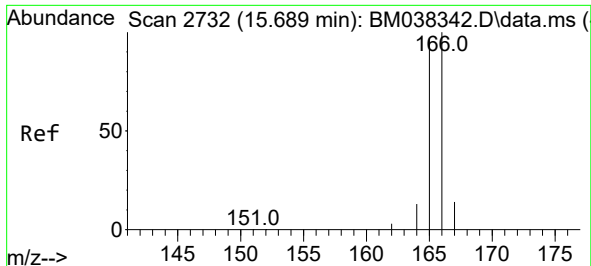
Tgt Ion:152 Resp: 8518
Ion Ratio Lower Upper
152 100
151 20.5 17.0 25.4
153 14.2 12.0 18.0



#11
Acenaphthene
Concen: 0.753 ng/ul
RT: 14.703 min Scan# 2519
Delta R.T. -0.000 min
Lab File: BM038343.D
Acq: 29 Dec 2022 15:01

Tgt Ion:153 Resp: 6240
Ion Ratio Lower Upper
153 100
152 49.2 38.8 58.2
154 87.5 67.3 100.9

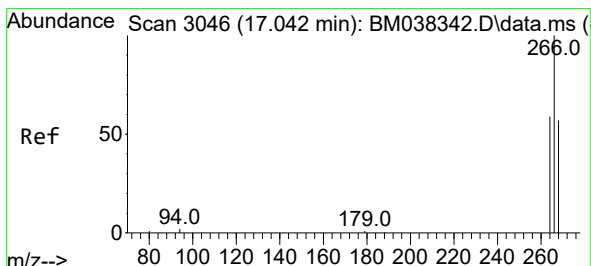
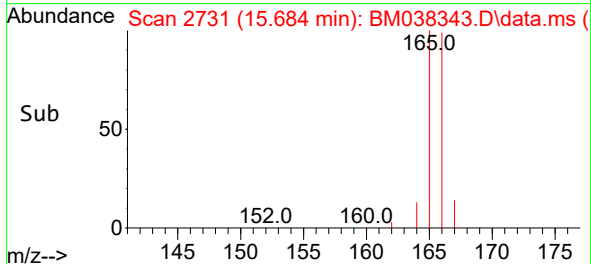
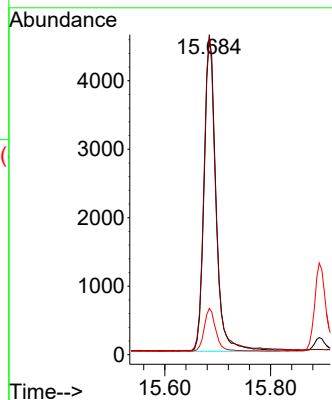
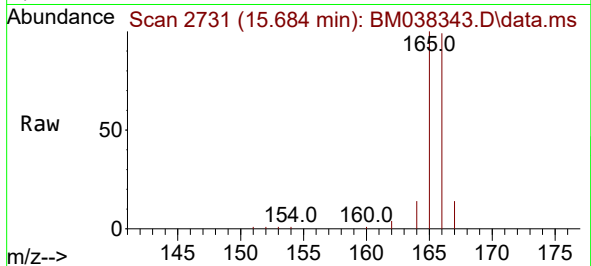




#12
 Fluorene
 Concen: 0.798 ng/ul
 RT: 15.684 min Scan# 21
 Delta R.T. -0.005 min
 Lab File: BM038343.D
 Acq: 29 Dec 2022 15:01

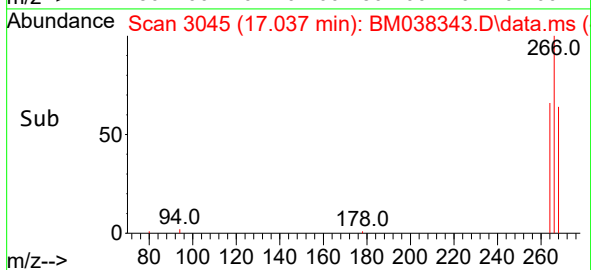
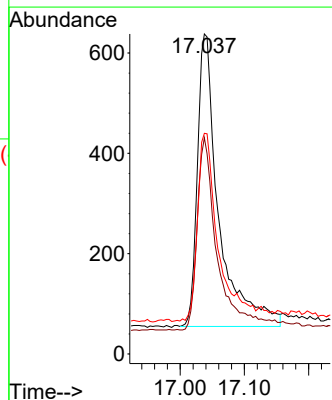
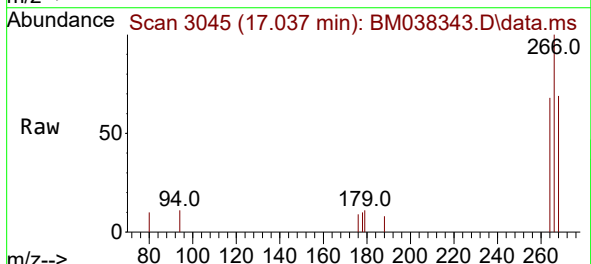
Instrument :
 BNA_M
 ClientSampleId :
 SST0.8032

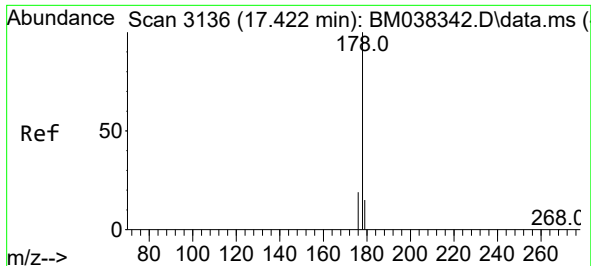
Tgt Ion:	166	Resp:	7167
Ion Ratio	Lower	Upper	
166	100		
165	100.8	78.2	117.2
167	14.6	12.5	18.7



#14
 Pentachlorophenol
 Concen: 0.597 ng/ul
 RT: 17.037 min Scan# 3045
 Delta R.T. -0.004 min
 Lab File: BM038343.D
 Acq: 29 Dec 2022 15:01

Tgt Ion:	266	Resp:	1351
Ion Ratio	Lower	Upper	
266	100		
264	62.8	50.0	75.0
268	64.8	48.2	72.2

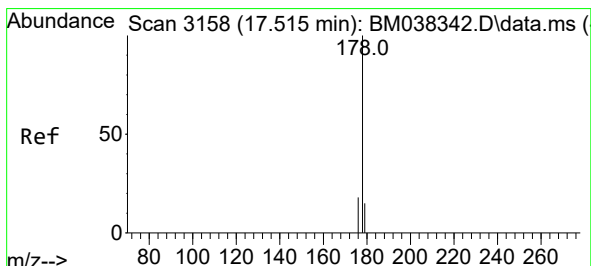
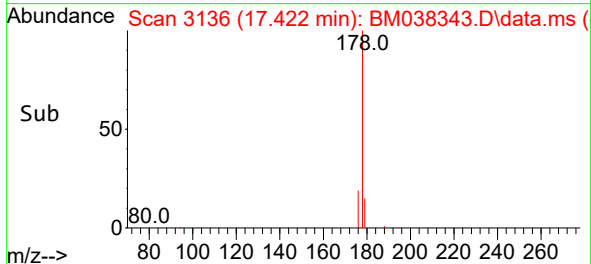
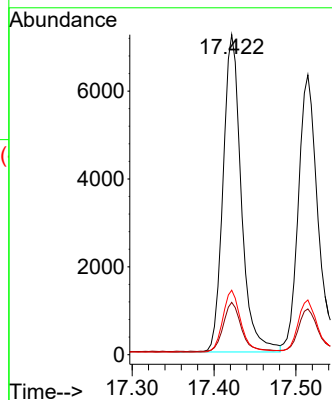
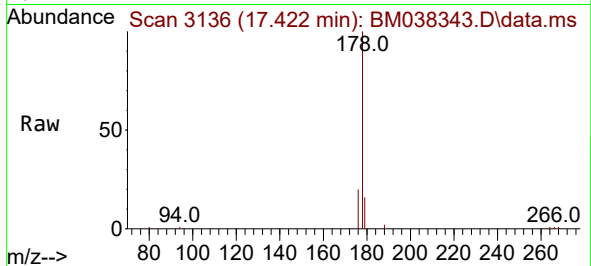




#15
Phenanthrene
Concen: 0.735 ng/ul
RT: 17.422 min Scan# 3136
Delta R.T. -0.000 min
Lab File: BM038343.D
Acq: 29 Dec 2022 15:01

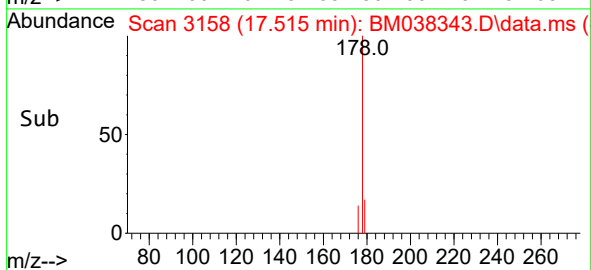
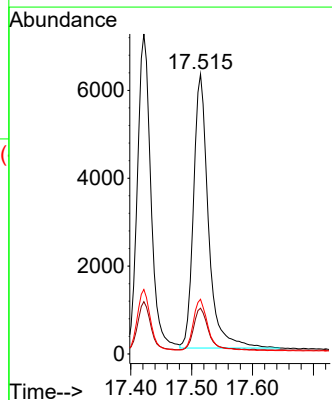
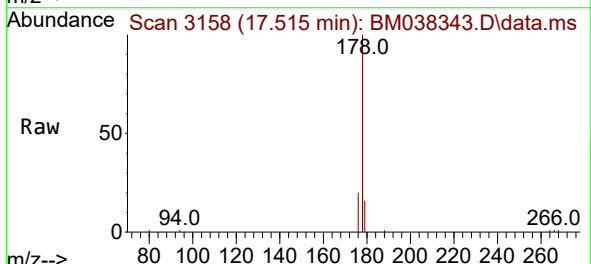
Instrument :
BNA_M
ClientSampleId :
SSTD0.8032

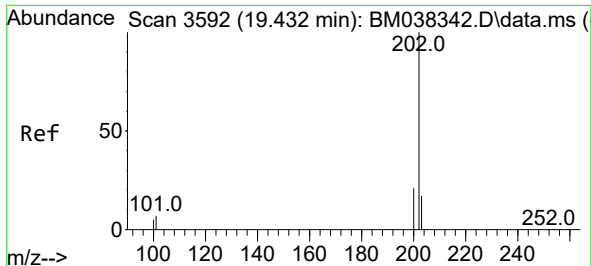
Tgt Ion:178 Resp: 11175
Ion Ratio Lower Upper
178 100
179 16.3 13.5 20.3
176 20.2 16.6 25.0



#16
Anthracene
Concen: 0.728 ng/ul
RT: 17.515 min Scan# 3158
Delta R.T. -0.000 min
Lab File: BM038343.D
Acq: 29 Dec 2022 15:01

Tgt Ion:178 Resp: 10631
Ion Ratio Lower Upper
178 100
179 16.4 14.2 21.2
176 19.6 15.8 23.8

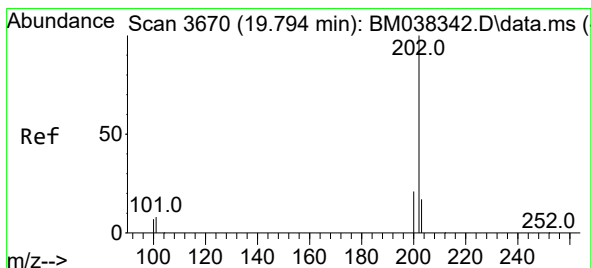
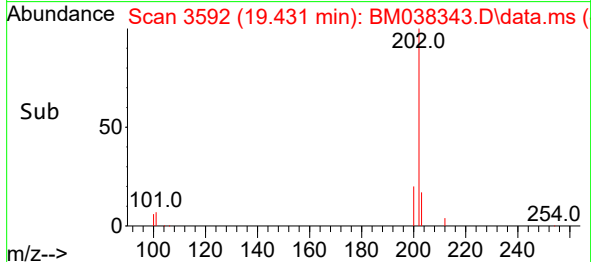
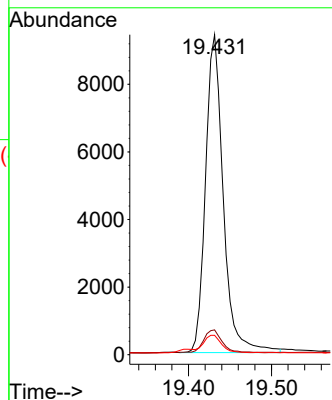
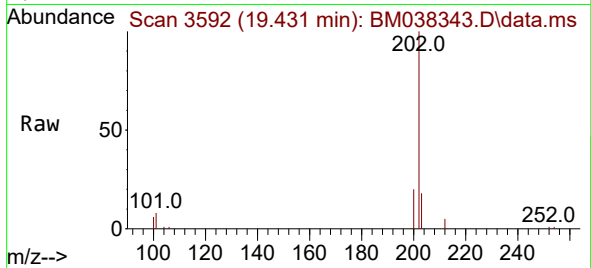




#19
Fluoranthene
Concen: 0.542 ng/ul
RT: 19.431 min Scan# 3592
Delta R.T. -0.000 min
Lab File: BM038343.D
Acq: 29 Dec 2022 15:01

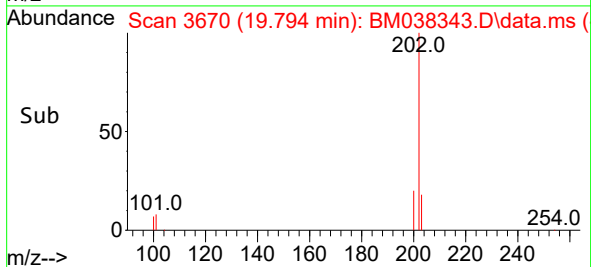
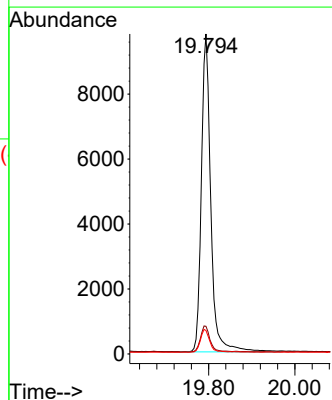
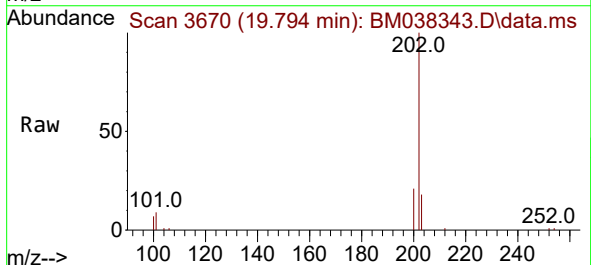
Instrument :
BNA_M
ClientSampleId :
SSTD0.8032

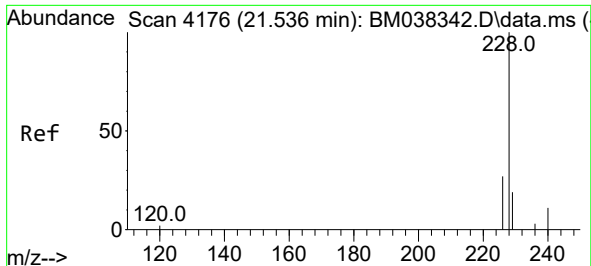
Tgt Ion:202 Resp: 14022
Ion Ratio Lower Upper
202 100
101 7.7 6.6 10.0
100 6.1 5.4 8.2



#20
Pyrene
Concen: 0.569 ng/ul
RT: 19.794 min Scan# 3670
Delta R.T. -0.000 min
Lab File: BM038343.D
Acq: 29 Dec 2022 15:01

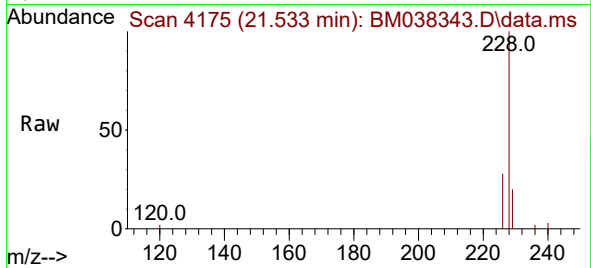
Tgt Ion:202 Resp: 14863
Ion Ratio Lower Upper
202 100
101 8.7 7.8 11.6
100 7.3 6.5 9.7



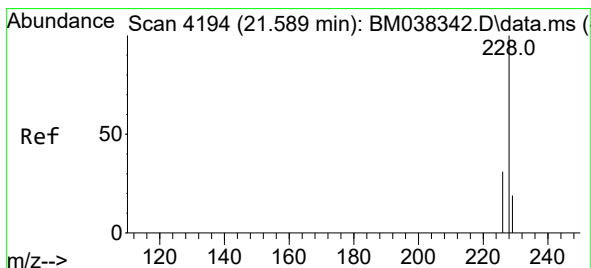
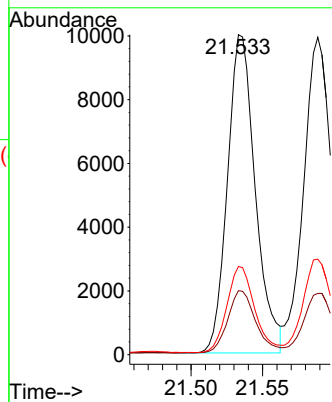
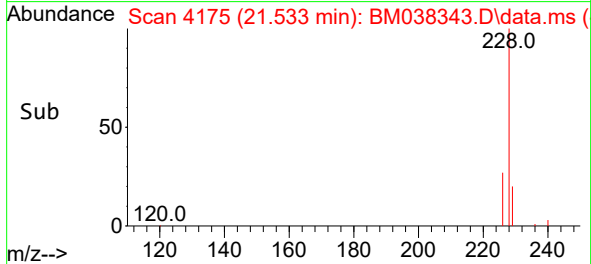


#21
Benzo(a)anthracene
Concen: 0.654 ng/ul
RT: 21.533 min Scan# 4175
Delta R.T. -0.003 min
Lab File: BM038343.D
Acq: 29 Dec 2022 15:01

Instrument :
BNA_M
ClientSampleId :
SSTD0.8032

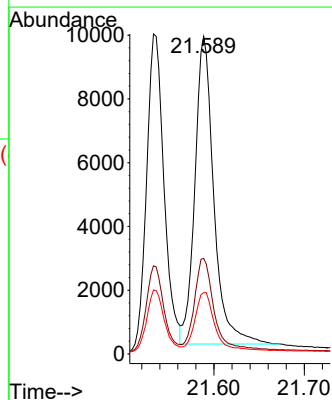
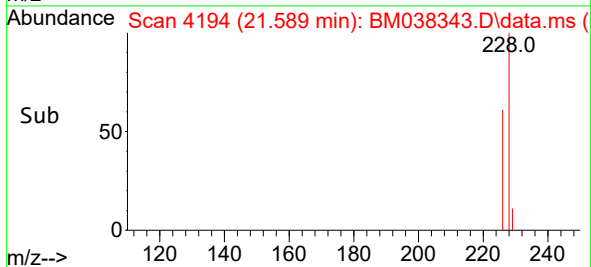
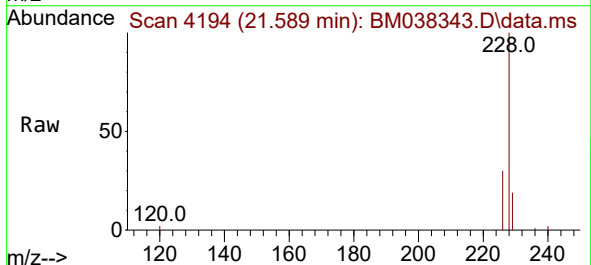


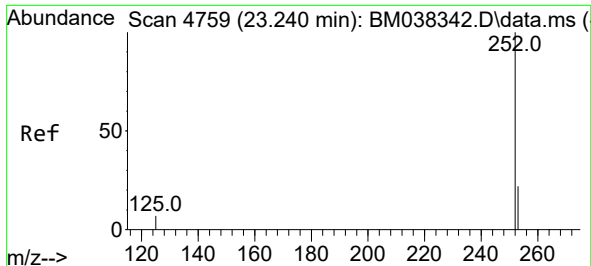
Tgt Ion:228 Resp: 13546
Ion Ratio Lower Upper
228 100
229 20.0 16.4 24.6
226 27.6 22.2 33.2



#22
Chrysene
Concen: 0.697 ng/ul
RT: 21.589 min Scan# 4194
Delta R.T. -0.000 min
Lab File: BM038343.D
Acq: 29 Dec 2022 15:01

Tgt Ion:228 Resp: 14042
Ion Ratio Lower Upper
228 100
226 30.1 25.3 37.9
229 19.3 16.4 24.6

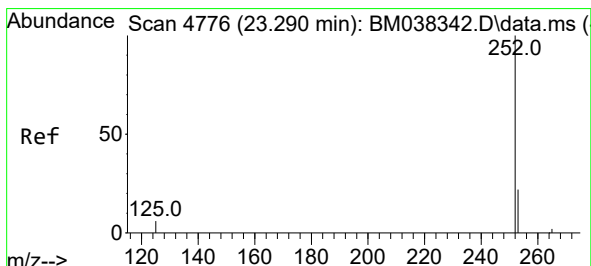
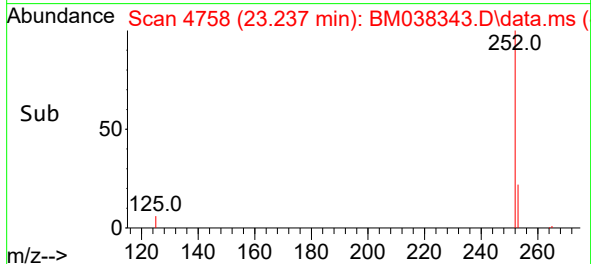
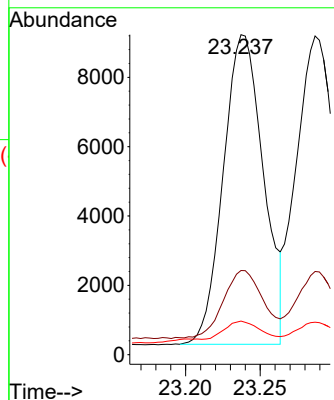
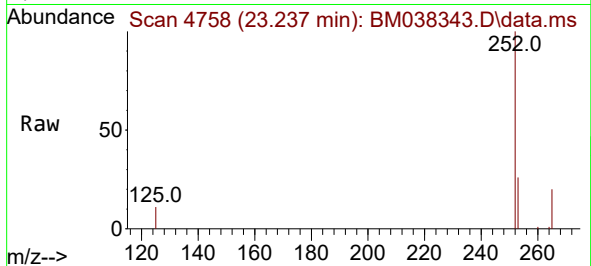




#24
Benzo(b)fluoranthene
Concen: 0.700 ng/ul
RT: 23.237 min Scan# 4758
Delta R.T. -0.003 min
Lab File: BM038343.D
Acq: 29 Dec 2022 15:01

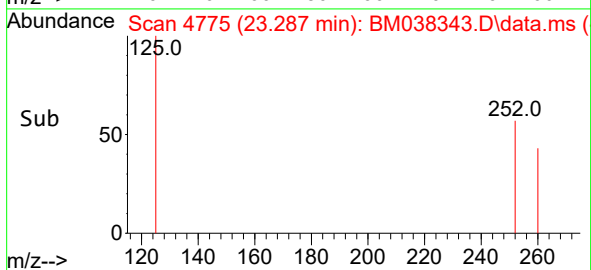
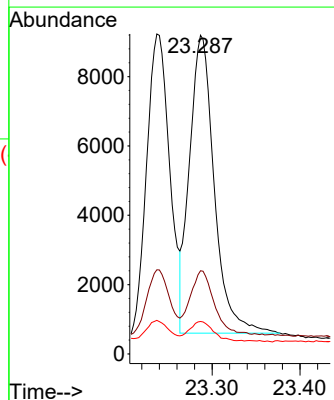
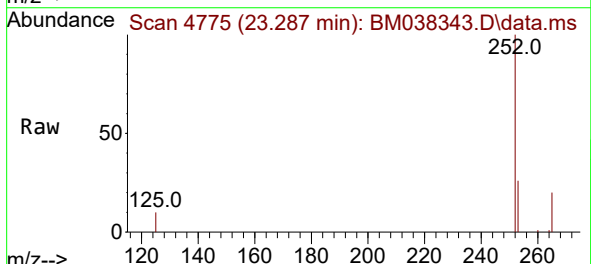
Instrument :
BNA_M
ClientSampleId :
SSTD0.8032

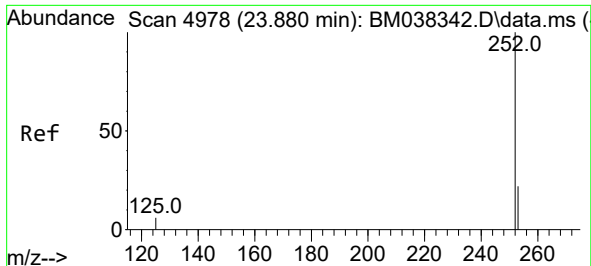
Tgt Ion:252 Resp: 16719
Ion Ratio Lower Upper
252 100
253 26.3 0.0 60.4
125 10.5 0.0 27.6



#25
Benzo(k)fluoranthene
Concen: 0.732 ng/ul
RT: 23.287 min Scan# 4775
Delta R.T. -0.003 min
Lab File: BM038343.D
Acq: 29 Dec 2022 15:01

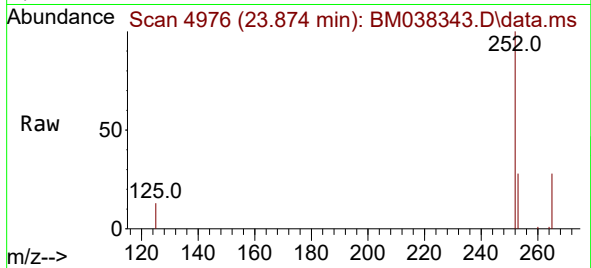
Tgt Ion:252 Resp: 16802
Ion Ratio Lower Upper
252 100
253 26.1 24.4 36.6
125 10.2 10.7 16.1#



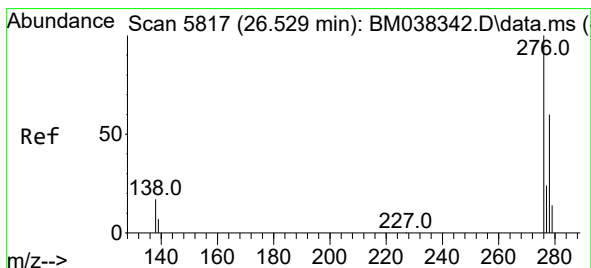
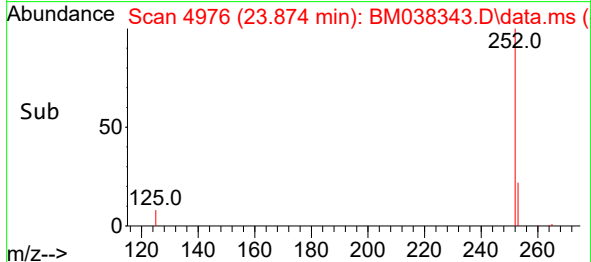
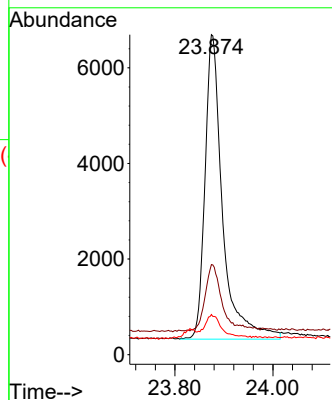


#26
Benzo(a)pyrene
Concen: 0.759 ng/ul
RT: 23.874 min Scan# 4976
Delta R.T. -0.006 min
Lab File: BM038343.D
Acq: 29 Dec 2022 15:01

Instrument :
BNA_M
ClientSampleId :
SSTD0.8032

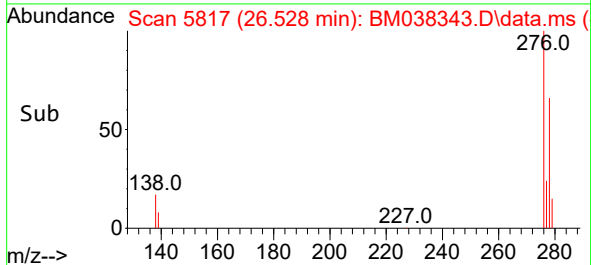
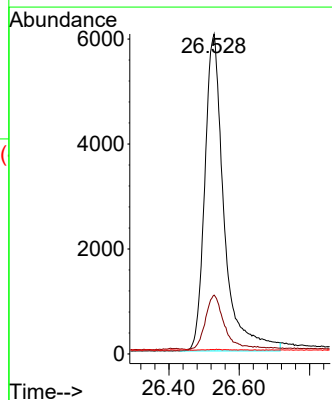
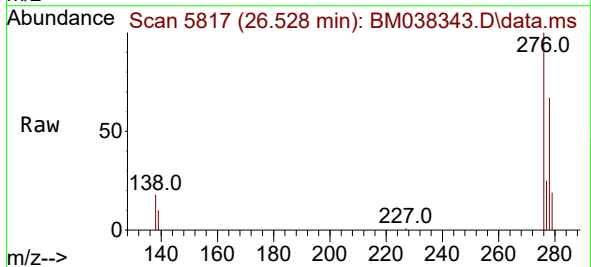


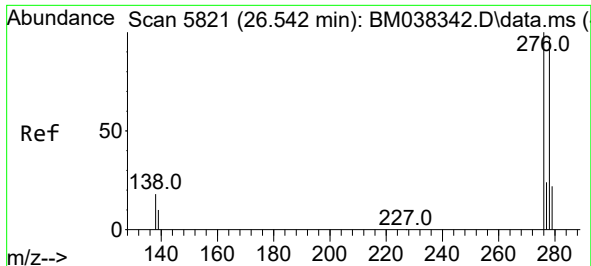
Tgt Ion:252 Resp: 15826
Ion Ratio Lower Upper
252 100
253 28.1 27.4 41.2
125 12.6 13.8 20.8#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.793 ng/ul
RT: 26.528 min Scan# 5817
Delta R.T. -0.000 min
Lab File: BM038343.D
Acq: 29 Dec 2022 15:01

Tgt Ion:276 Resp: 22940
Ion Ratio Lower Upper
276 100
138 17.5 14.1 21.1
227 0.1 0.1 0.1#

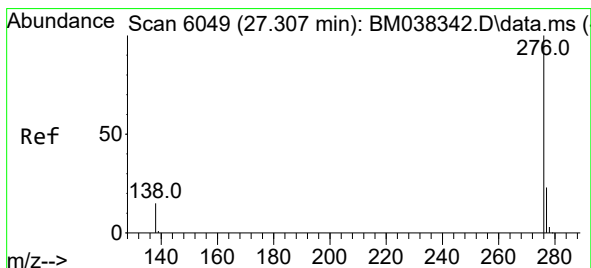
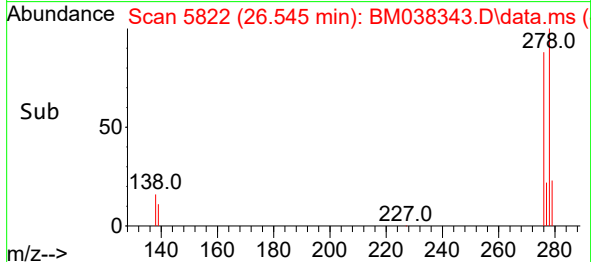
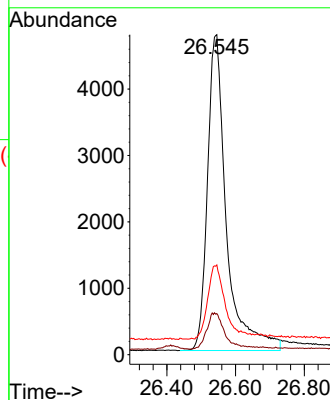
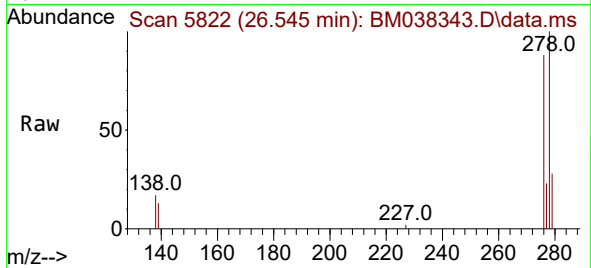




#28
Dibenzo(a,h)anthracene
Concen: 0.809 ng/ul
RT: 26.545 min Scan# 5821
Delta R.T. 0.003 min
Lab File: BM038343.D
Acq: 29 Dec 2022 15:01

Instrument :
BNA_M
ClientSampleId :
SSTD0.8032

Tgt Ion:278 Resp: 18170
Ion Ratio Lower Upper
278 100
139 12.8 11.4 17.0
279 28.0 26.4 39.6



#29
Benzo(g,h,i)perylene
Concen: 0.832 ng/ul
RT: 27.310 min Scan# 6050
Delta R.T. 0.003 min
Lab File: BM038343.D
Acq: 29 Dec 2022 15:01

Tgt Ion:276 Resp: 20258
Ion Ratio Lower Upper
276 100
138 16.6 14.4 21.6
277 25.7 20.7 31.1

