

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052824\
 Data File : BM045770.D
 Acq On : 28 May 2024 21:02
 Operator : MA/JU
 Sample : SSTD0.842
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD0.8004

Quant Time: May 28 23:51:58 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM052824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 28 23:49:11 2024
 Response via : Initial Calibration

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

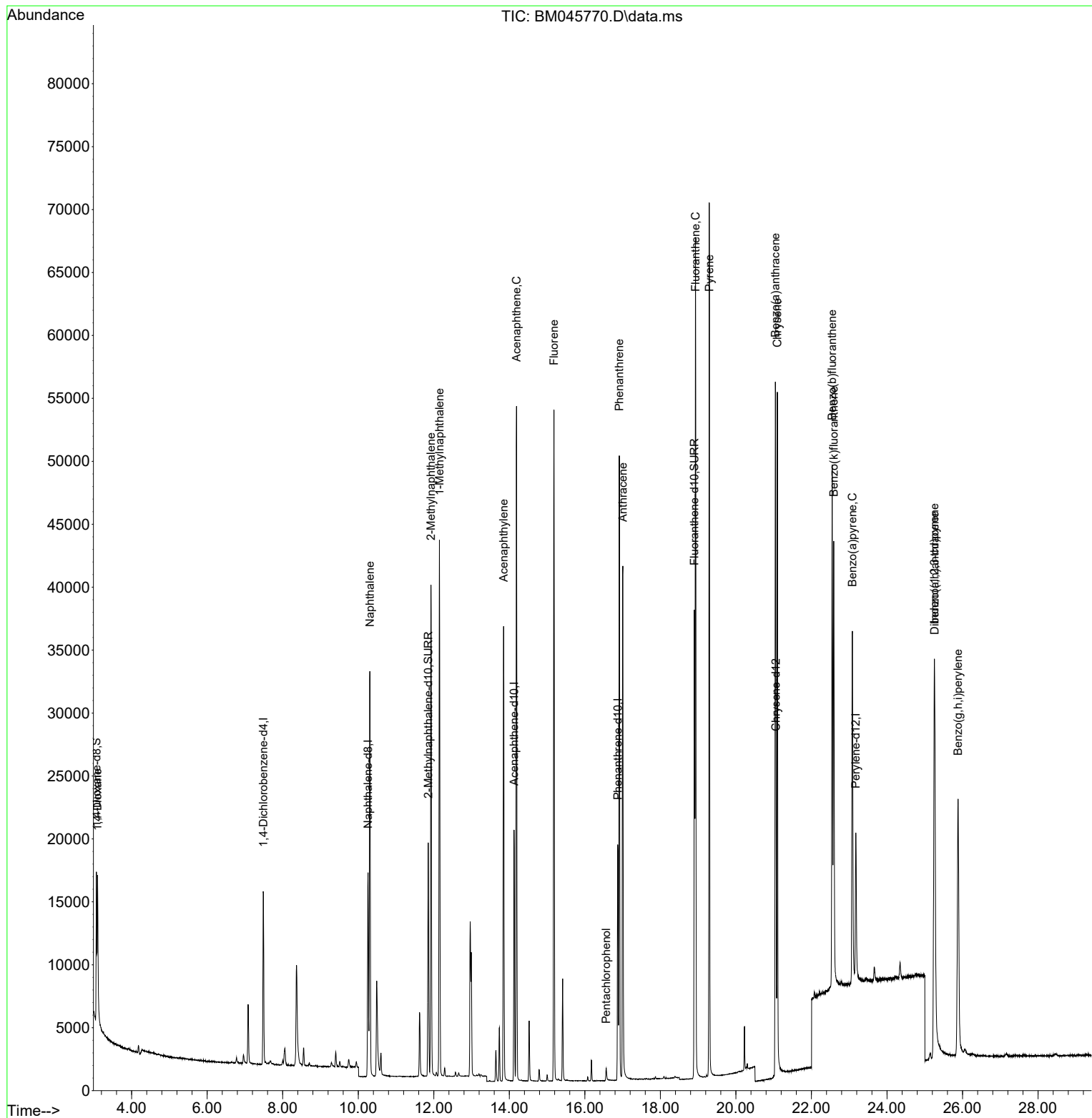
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.485	152	7002	0.400	ng/ul	0.00
4) Naphthalene-d8	10.259	136	20771	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.126	164	10715	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.870	188	21259	0.400	ng/ul	0.00
17) Chrysene-d12	21.061	240	14436	0.400	ng/ul	0.00
23) Perylene-d12	23.174	264	15481	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.067	96	7312	0.830	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.854	152	23401	0.817	ng/ul	0.00
18) Fluoranthene-d10	18.899	212	40238	1.098	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.096	88	7001	0.829	ng/ul	91
5) Naphthalene	10.308	128	43917	0.798	ng/ul	100
7) 2-Methylnaphthalene	11.925	142	27522	0.814	ng/ul	98
8) 1-Methylnaphthalene	12.151	142	28856	0.807	ng/ul	100
10) Acenaphthylene	13.849	152	40388	0.792	ng/ul	98
11) Acenaphthene	14.191	153	29126	0.812	ng/ul	99
12) Fluorene	15.181	166	32657	0.800	ng/ul	99
14) Pentachlorophenol	16.566	266	829	0.177	ng/ul	95
15) Phenanthrene	16.912	178	48807	0.818	ng/ul	99
16) Anthracene	17.005	178	45965	0.771	ng/ul	99
19) Fluoranthene	18.931	202	53817	1.044	ng/ul	99
20) Pyrene	19.294	202	55390	1.006	ng/ul	99
21) Benzo(a)anthracene	21.044	228	45459	0.796	ng/ul	99
22) Chrysene	21.097	228	47186	0.701	ng/ul	99
24) Benzo(b)fluoranthene	22.549	252	45598	0.719	ng/ul	84
25) Benzo(k)fluoranthene	22.590	252	46333	0.708	ng/ul#	90
26) Benzo(a)pyrene	23.084	252	38845	0.755	ng/ul#	78
27) Indeno(1,2,3-cd)pyrene	25.253	276	41379	0.653	ng/ul#	98
28) Dibenzo(a,h)anthracene	25.263	278	30254	0.673	ng/ul#	89
29) Benzo(g,h,i)perylene	25.880	276	40771	0.689	ng/ul	95

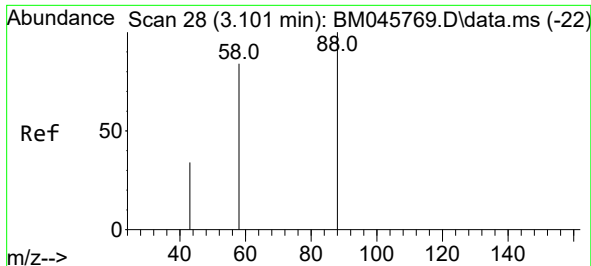
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052824\
Data File : BM045770.D
Acq On : 28 May 2024 21:02
Operator : MA/JU
Sample : SST0.842
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD0.8004

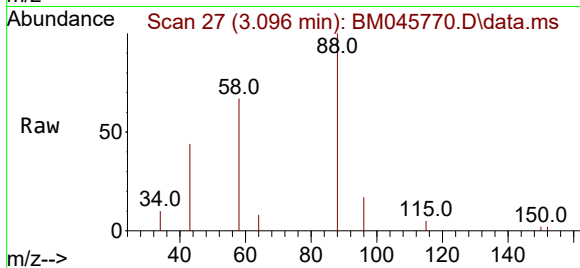
Quant Time: May 28 23:51:58 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM052824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 28 23:49:11 2024
Response via : Initial Calibration



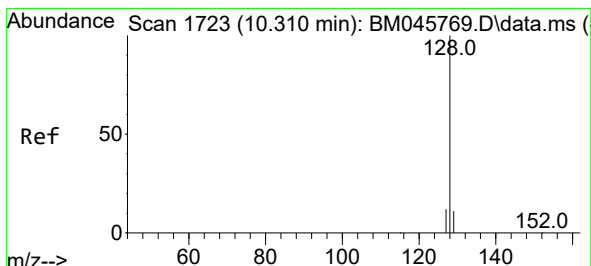
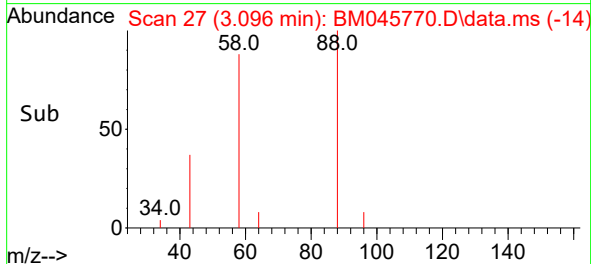
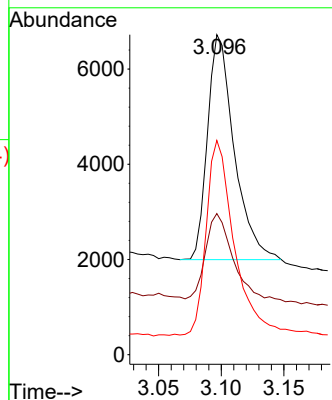


#2
1,4-Dioxane
Concen: 0.829 ng/ul
RT: 3.096 min Scan# 21
Delta R.T. -0.004 min
Lab File: BM045770.D
Acq: 28 May 2024 21:02

Instrument :
BNA_M
ClientSampleId :
SSTD0.8004

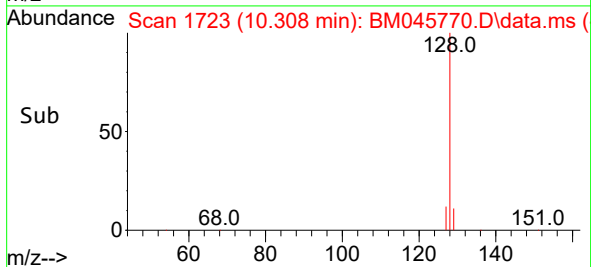
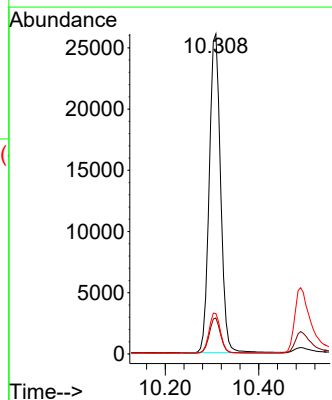
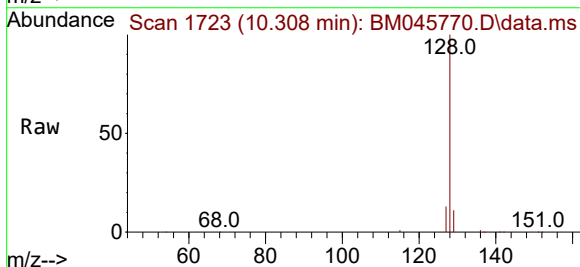


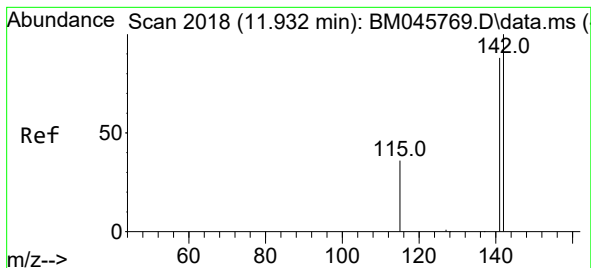
Tgt Ion: 88 Resp: 7001
Ion Ratio Lower Upper
88 100
43 44.1 38.4 57.6
58 66.9 47.0 70.6



#5
Naphthalene
Concen: 0.798 ng/ul
RT: 10.308 min Scan# 1723
Delta R.T. -0.001 min
Lab File: BM045770.D
Acq: 28 May 2024 21:02

Tgt Ion: 128 Resp: 43917
Ion Ratio Lower Upper
128 100
129 11.2 8.9 13.3
127 12.7 10.3 15.5

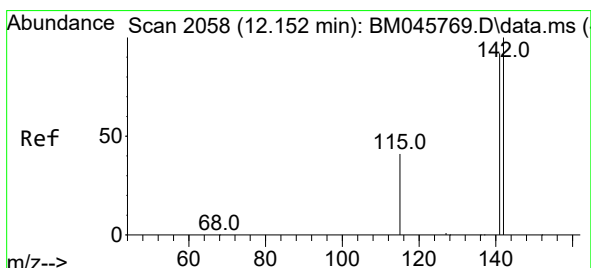
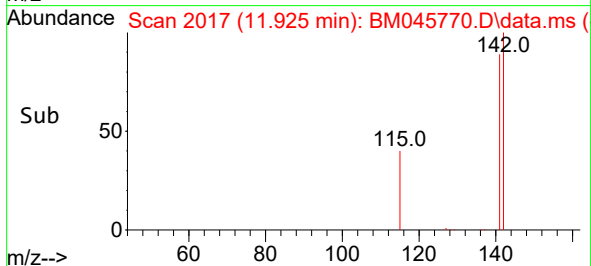
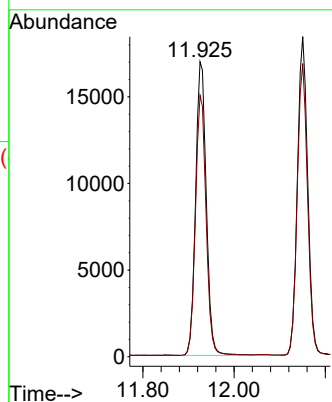
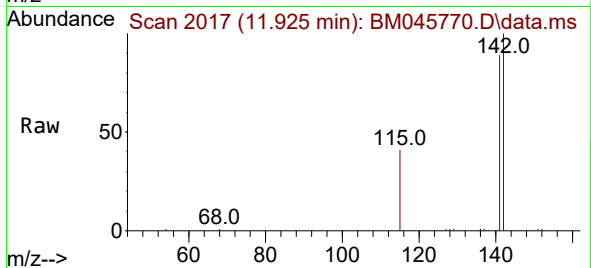




#7
2-Methylnaphthalene
Concen: 0.814 ng/ul
RT: 11.925 min Scan# 2017
Delta R.T. -0.007 min
Lab File: BM045770.D
Acq: 28 May 2024 21:02

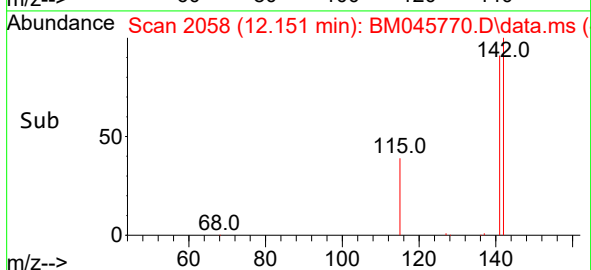
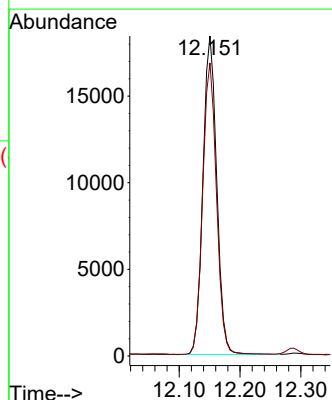
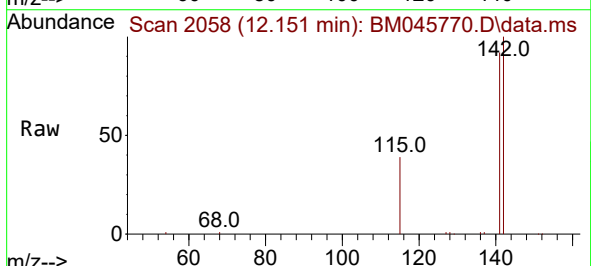
Instrument :
BNA_M
ClientSampleId :
SSTD0.8004

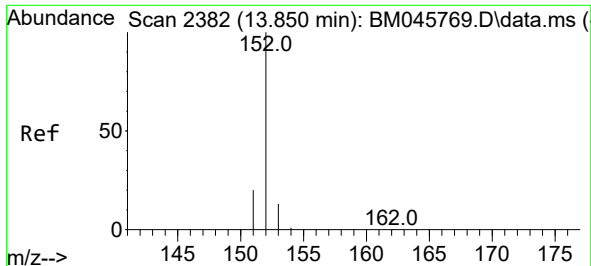
Tgt Ion:142 Resp: 27522
Ion Ratio Lower Upper
142 100
141 88.2 71.9 107.9



#8
1-Methylnaphthalene
Concen: 0.807 ng/ul
RT: 12.151 min Scan# 2058
Delta R.T. -0.001 min
Lab File: BM045770.D
Acq: 28 May 2024 21:02

Tgt Ion:142 Resp: 28856
Ion Ratio Lower Upper
142 100
141 91.9 73.3 109.9

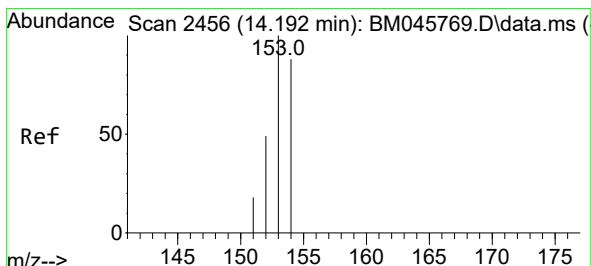
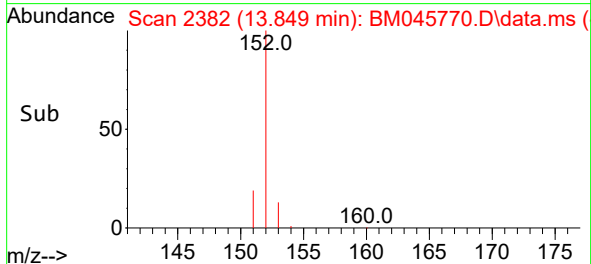
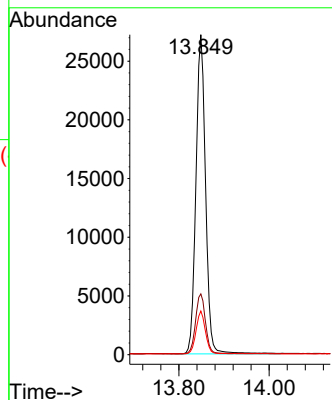
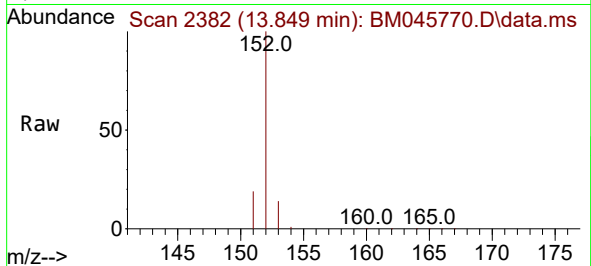




#10
Acenaphthylene
Concen: 0.792 ng/ul
RT: 13.849 min Scan# 21
Delta R.T. -0.001 min
Lab File: BM045770.D
Acq: 28 May 2024 21:02

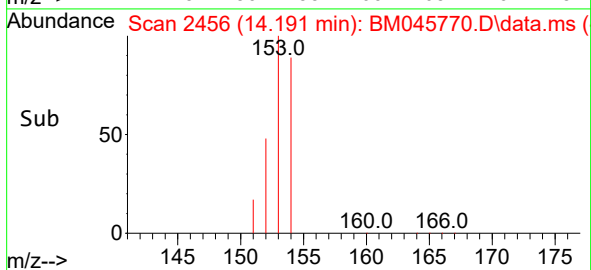
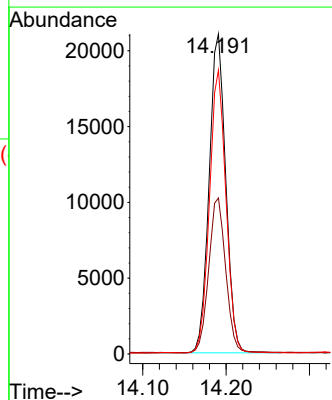
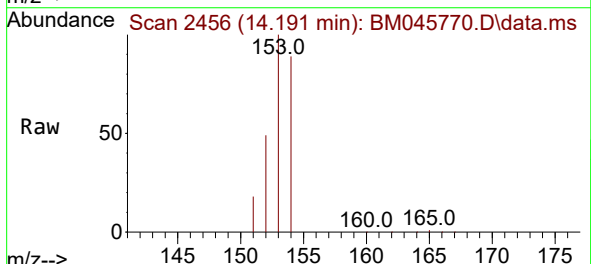
Instrument :
BNA_M
ClientSampleId :
SSTD0.8004

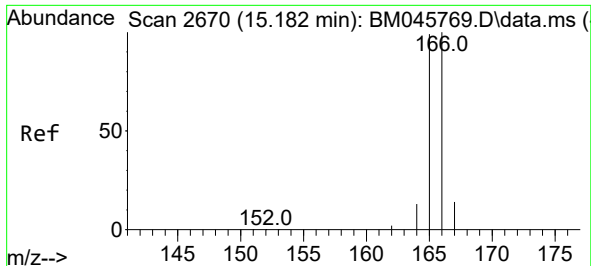
Tgt Ion:152 Resp: 40388
Ion Ratio Lower Upper
152 100
151 19.0 16.2 24.4
153 13.6 10.8 16.2



#11
Acenaphthene
Concen: 0.812 ng/ul
RT: 14.191 min Scan# 2456
Delta R.T. -0.001 min
Lab File: BM045770.D
Acq: 28 May 2024 21:02

Tgt Ion:153 Resp: 29126
Ion Ratio Lower Upper
153 100
152 48.7 39.7 59.5
154 88.7 70.2 105.4

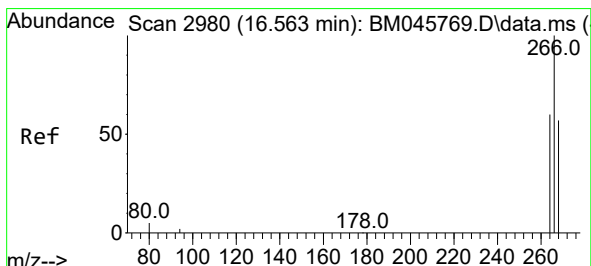
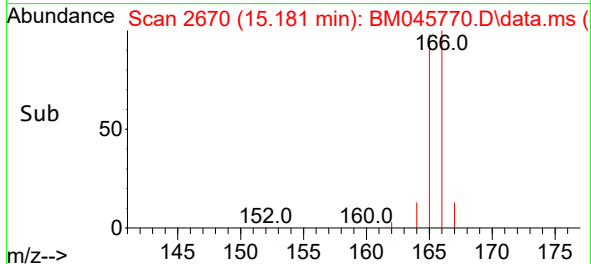
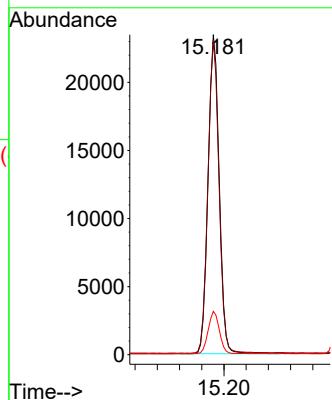
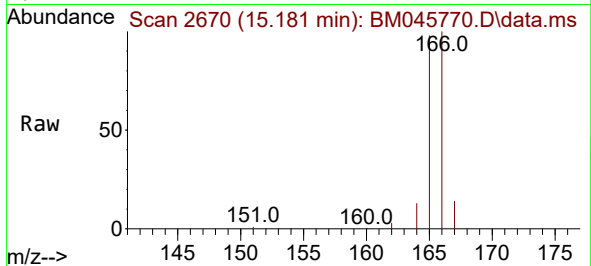




#12
Fluorene
Concen: 0.800 ng/ul
RT: 15.181 min Scan# 2
Delta R.T. -0.001 min
Lab File: BM045770.D
Acq: 28 May 2024 21:02

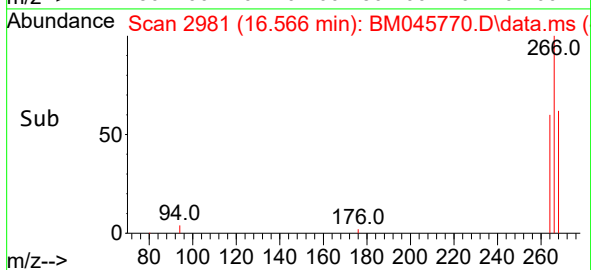
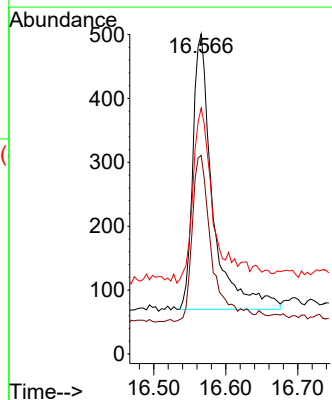
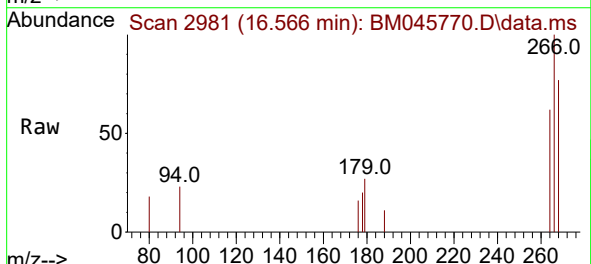
Instrument :
BNA_M
ClientSampleId :
SSTD0.8004

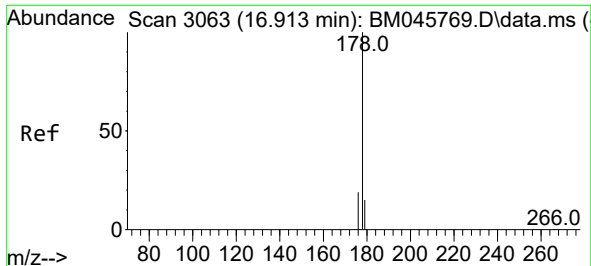
Tgt Ion:166 Resp: 32657
Ion Ratio Lower Upper
166 100
165 98.2 79.5 119.3
167 13.6 11.2 16.8



#14
Pentachlorophenol
Concen: 0.177 ng/ul
RT: 16.566 min Scan# 2981
Delta R.T. 0.003 min
Lab File: BM045770.D
Acq: 28 May 2024 21:02

Tgt Ion:266 Resp: 829
Ion Ratio Lower Upper
266 100
264 59.8 48.1 72.1
268 70.3 50.2 75.2

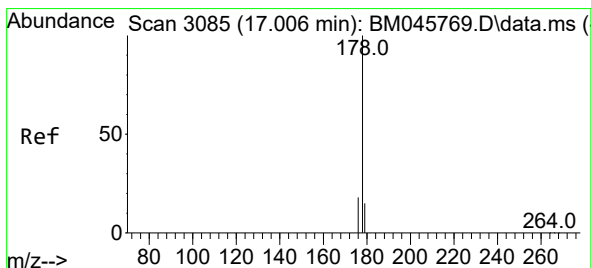
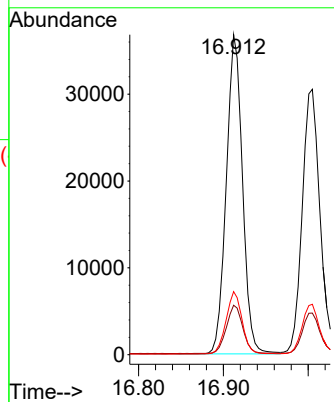
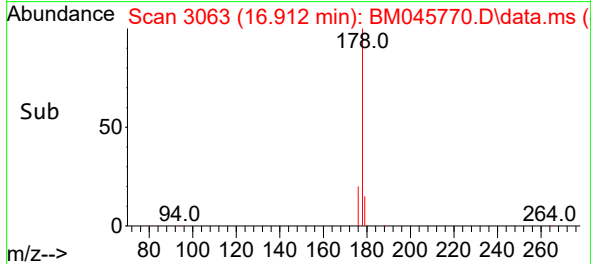
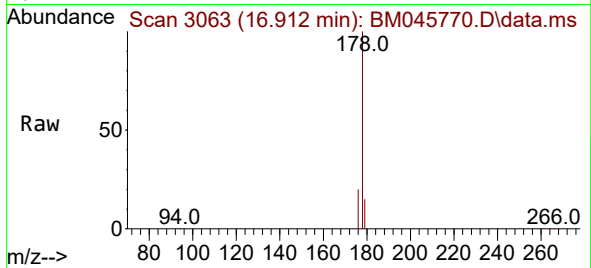




#15
Phenanthrene
Concen: 0.818 ng/ul
RT: 16.912 min Scan# 3063
Delta R.T. -0.001 min
Lab File: BM045770.D
Acq: 28 May 2024 21:02

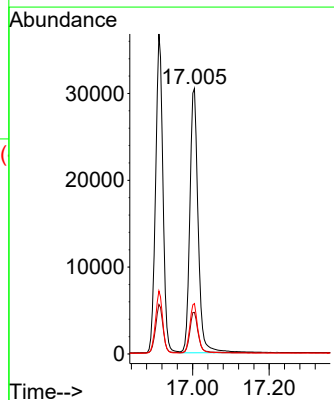
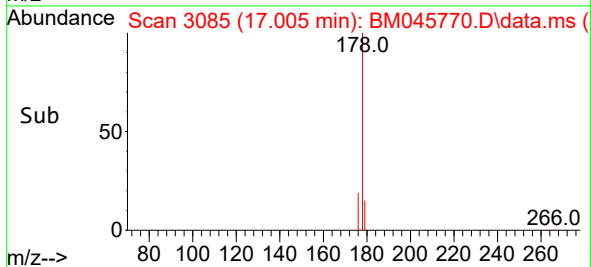
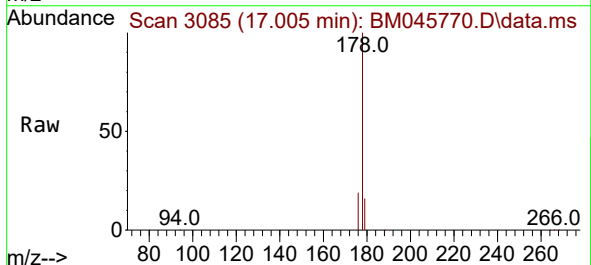
Instrument :
BNA_M
ClientSampleId :
SSTD0.8004

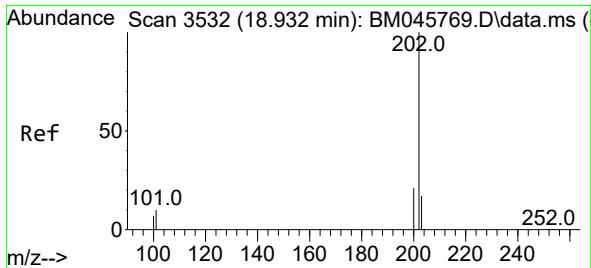
Tgt Ion:178 Resp: 48807
Ion Ratio Lower Upper
178 100
179 15.4 12.6 19.0
176 19.7 15.6 23.4



#16
Anthracene
Concen: 0.771 ng/ul
RT: 17.005 min Scan# 3085
Delta R.T. -0.001 min
Lab File: BM045770.D
Acq: 28 May 2024 21:02

Tgt Ion:178 Resp: 45965
Ion Ratio Lower Upper
178 100
179 15.7 12.9 19.3
176 19.0 14.7 22.1

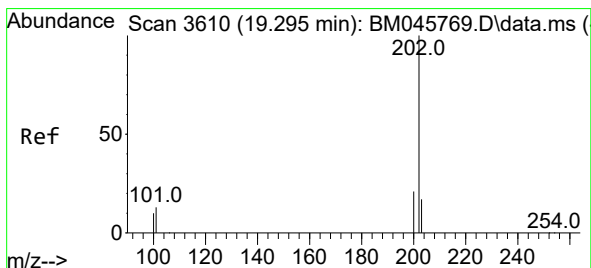
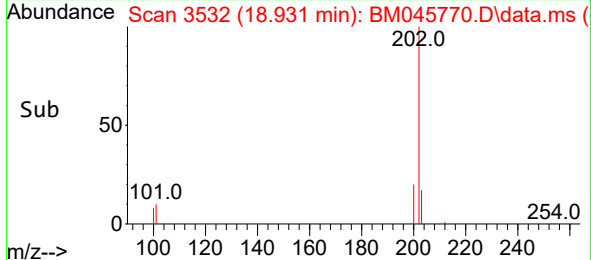
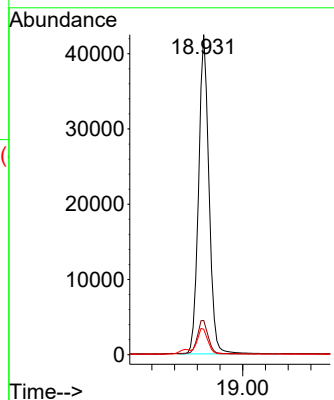
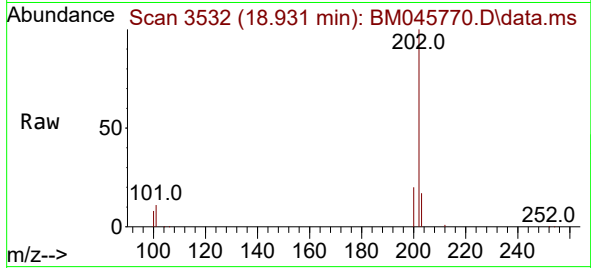




#19
Fluoranthene
Concen: 1.044 ng/ul
RT: 18.931 min Scan# 3532
Delta R.T. -0.001 min
Lab File: BM045770.D
Acq: 28 May 2024 21:02

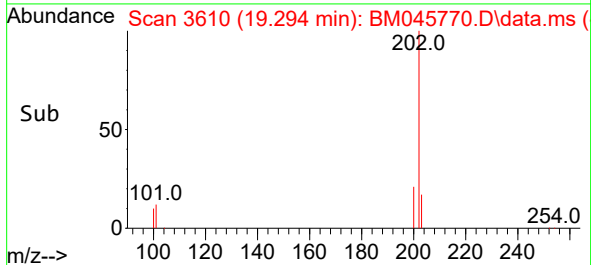
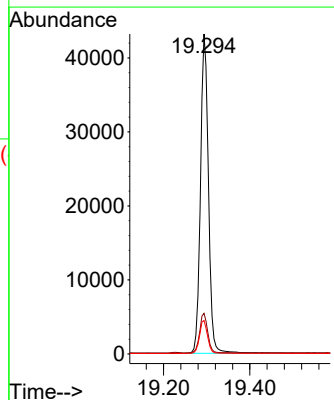
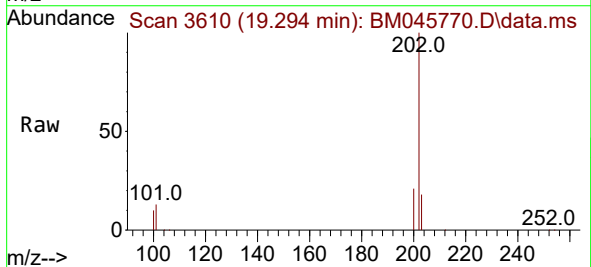
Instrument :
BNA_M
ClientSampleId :
SSTD0.8004

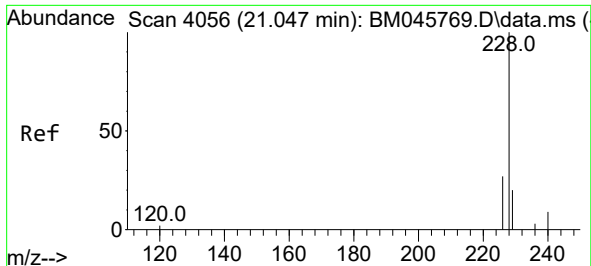
Tgt Ion:202 Resp: 53817
Ion Ratio Lower Upper
202 100
101 10.7 8.9 13.3
100 7.9 6.7 10.1



#20
Pyrene
Concen: 1.006 ng/ul
RT: 19.294 min Scan# 3610
Delta R.T. -0.001 min
Lab File: BM045770.D
Acq: 28 May 2024 21:02

Tgt Ion:202 Resp: 55390
Ion Ratio Lower Upper
202 100
101 12.7 10.5 15.7
100 10.4 8.6 12.8

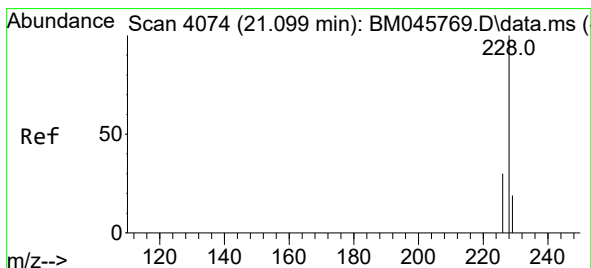
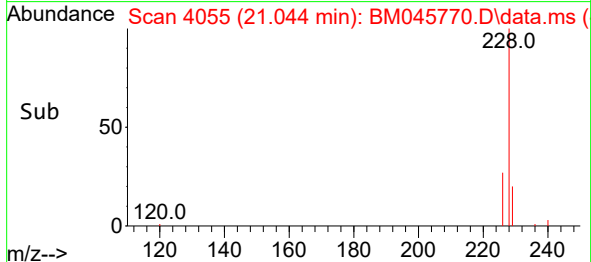
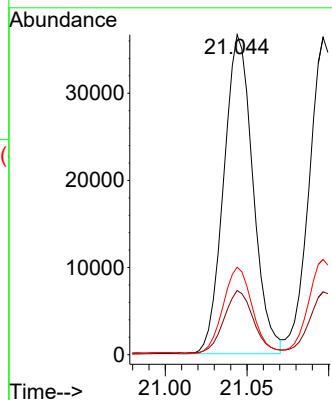
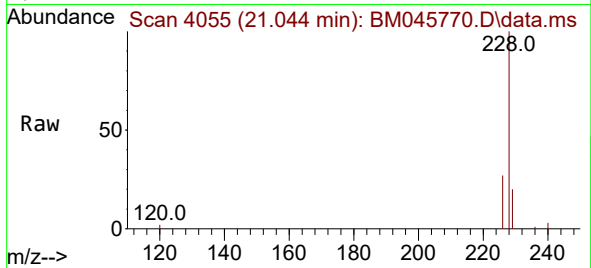




#21
Benzo(a)anthracene
Concen: 0.796 ng/ul
RT: 21.044 min Scan# 4056
Delta R.T. -0.003 min
Lab File: BM045770.D
Acq: 28 May 2024 21:02

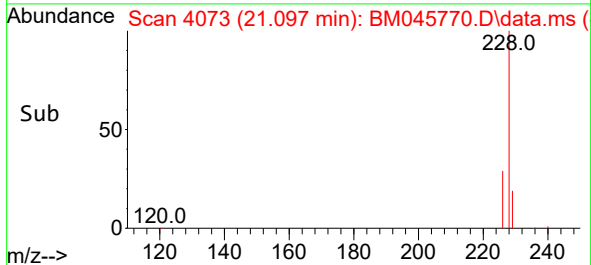
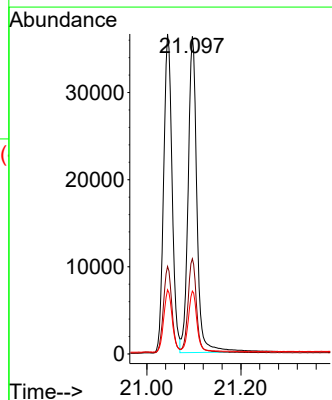
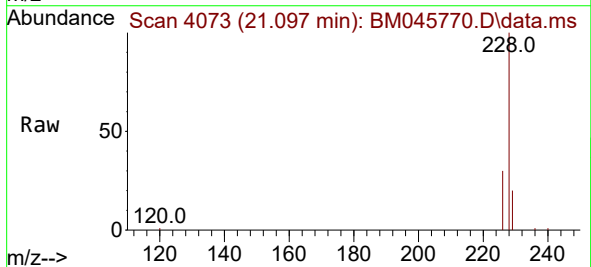
Instrument :
BNA_M
ClientSampleId :
SSTD0.8004

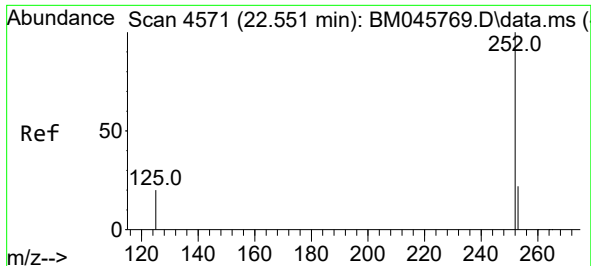
Tgt Ion:228 Resp: 45459
Ion Ratio Lower Upper
228 100
229 20.1 16.6 25.0
226 27.3 21.8 32.6



#22
Chrysene
Concen: 0.701 ng/ul
RT: 21.097 min Scan# 4073
Delta R.T. -0.003 min
Lab File: BM045770.D
Acq: 28 May 2024 21:02

Tgt Ion:228 Resp: 47186
Ion Ratio Lower Upper
228 100
226 30.0 23.8 35.8
229 19.8 16.3 24.5

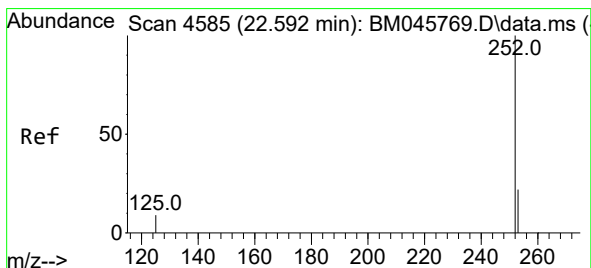
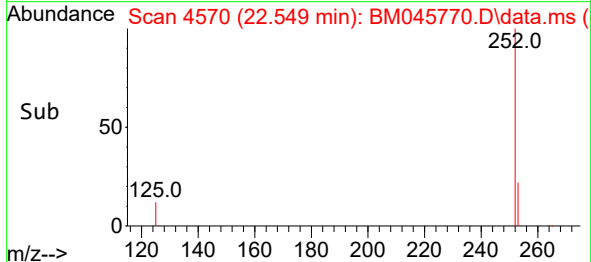
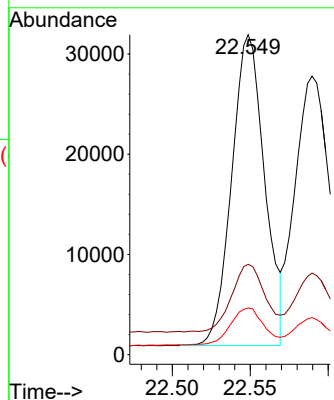
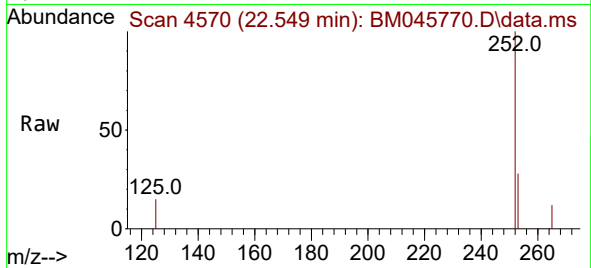




#24
Benzo(b)fluoranthene
Concen: 0.719 ng/ul
RT: 22.549 min Scan# 4570
Delta R.T. -0.003 min
Lab File: BM045770.D
Acq: 28 May 2024 21:02

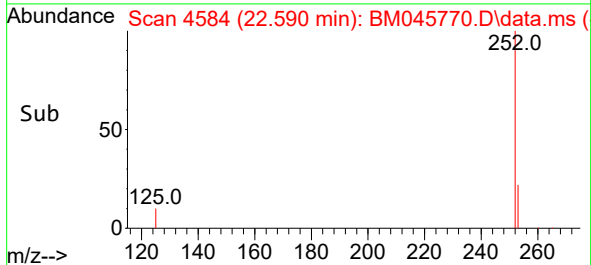
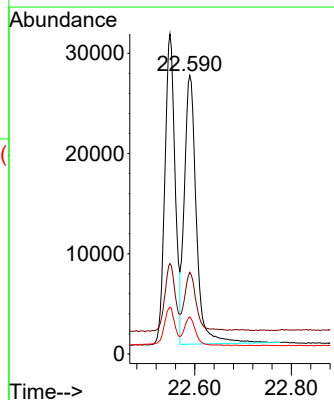
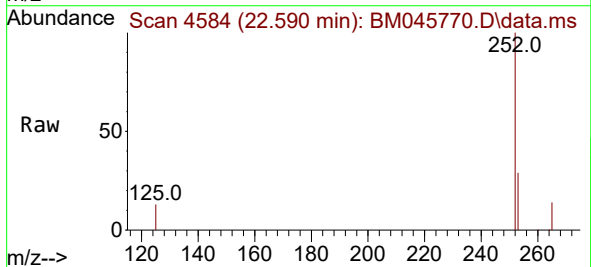
Instrument :
BNA_M
ClientSampleId :
SSTD0.8004

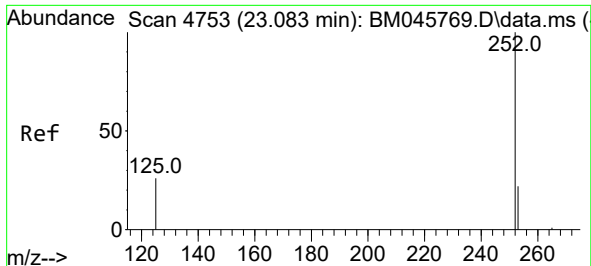
Tgt Ion:252 Resp: 45598
Ion Ratio Lower Upper
252 100
253 28.3 0.0 71.4
125 14.6 0.0 49.2



#25
Benzo(k)fluoranthene
Concen: 0.708 ng/ul
RT: 22.590 min Scan# 4584
Delta R.T. -0.003 min
Lab File: BM045770.D
Acq: 28 May 2024 21:02

Tgt Ion:252 Resp: 46333
Ion Ratio Lower Upper
252 100
253 29.3 29.4 44.0#
125 13.3 12.6 18.8

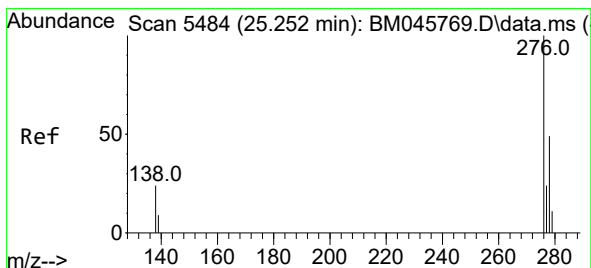
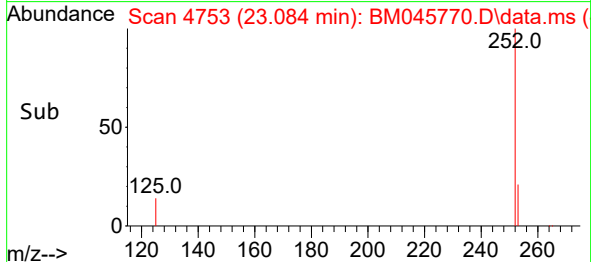
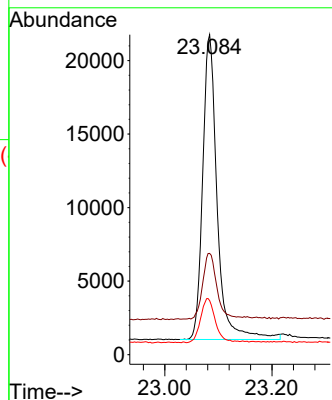
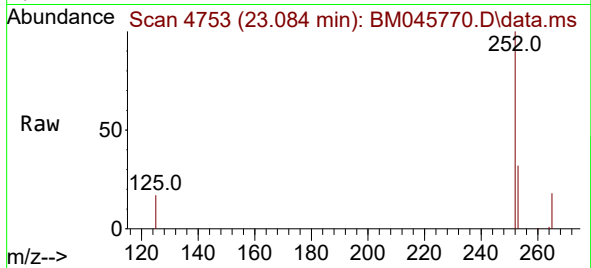




#26
Benzo(a)pyrene
Concen: 0.755 ng/ul
RT: 23.084 min Scan# 4753
Delta R.T. 0.000 min
Lab File: BM045770.D
Acq: 28 May 2024 21:02

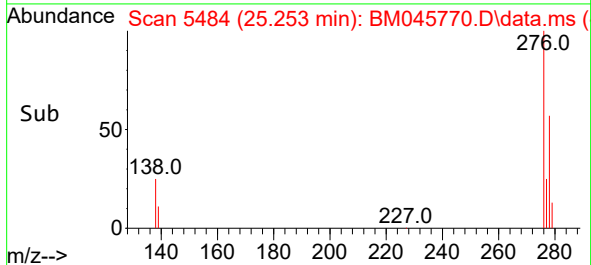
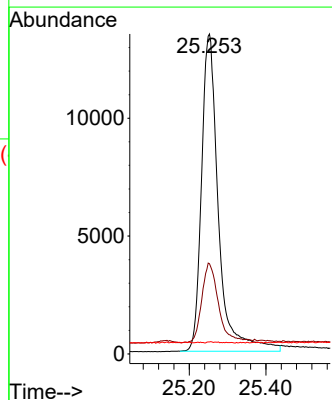
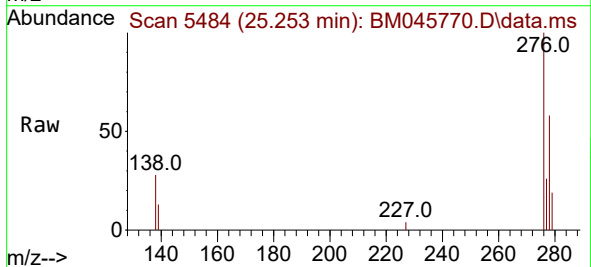
Instrument :
BNA_M
ClientSampleId :
SSTD0.8004

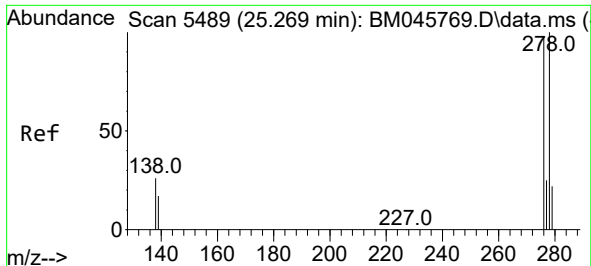
Tgt Ion:252 Resp: 38845
Ion Ratio Lower Upper
252 100
253 31.6 34.3 51.5#
125 16.9 25.7 38.5#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.653 ng/ul
RT: 25.253 min Scan# 5484
Delta R.T. 0.000 min
Lab File: BM045770.D
Acq: 28 May 2024 21:02

Tgt Ion:276 Resp: 41379
Ion Ratio Lower Upper
276 100
138 25.8 19.8 29.8
227 0.2 0.1 0.1#

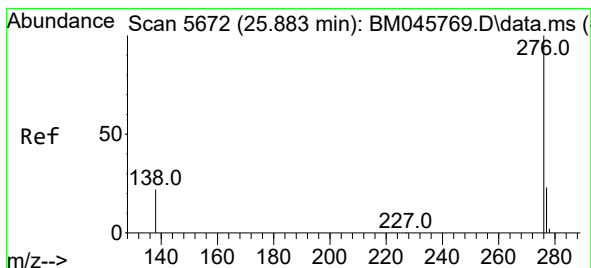
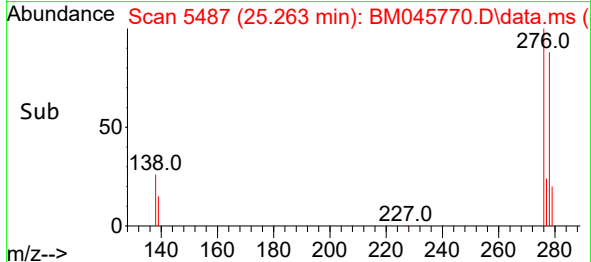
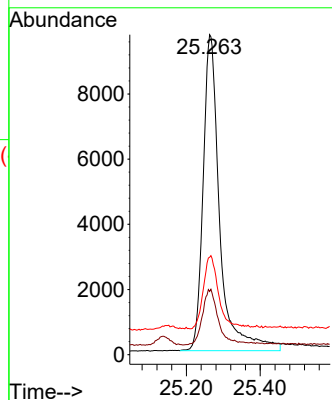
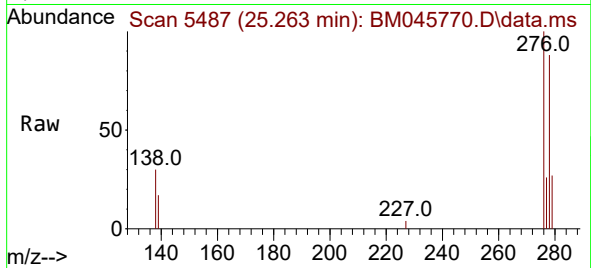




#28
Dibenzo(a,h)anthracene
Concen: 0.673 ng/ul
RT: 25.263 min Scan# 5489
Delta R.T. -0.006 min
Lab File: BM045770.D
Acq: 28 May 2024 21:02

Instrument :
BNA_M
ClientSampleId :
SSTD0.8004

Tgt Ion:278 Resp: 30254
Ion Ratio Lower Upper
278 100
139 19.8 18.7 28.1
279 30.4 31.0 46.6#



#29
Benzo(g,h,i)perylene
Concen: 0.689 ng/ul
RT: 25.880 min Scan# 5671
Delta R.T. -0.003 min
Lab File: BM045770.D
Acq: 28 May 2024 21:02

Tgt Ion:276 Resp: 40771
Ion Ratio Lower Upper
276 100
138 25.9 23.4 35.0
277 24.9 21.0 31.4

