

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121923\
 Data File : BM043498.D
 Acq On : 21 Dec 2023 12:22
 Operator : MA/JU
 Sample : SSTDCCC0.4EC
 Misc :
 ALS Vial : 77 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Dec 22 00:06:41 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 19 23:32:46 2023
 Response via : Initial Calibration

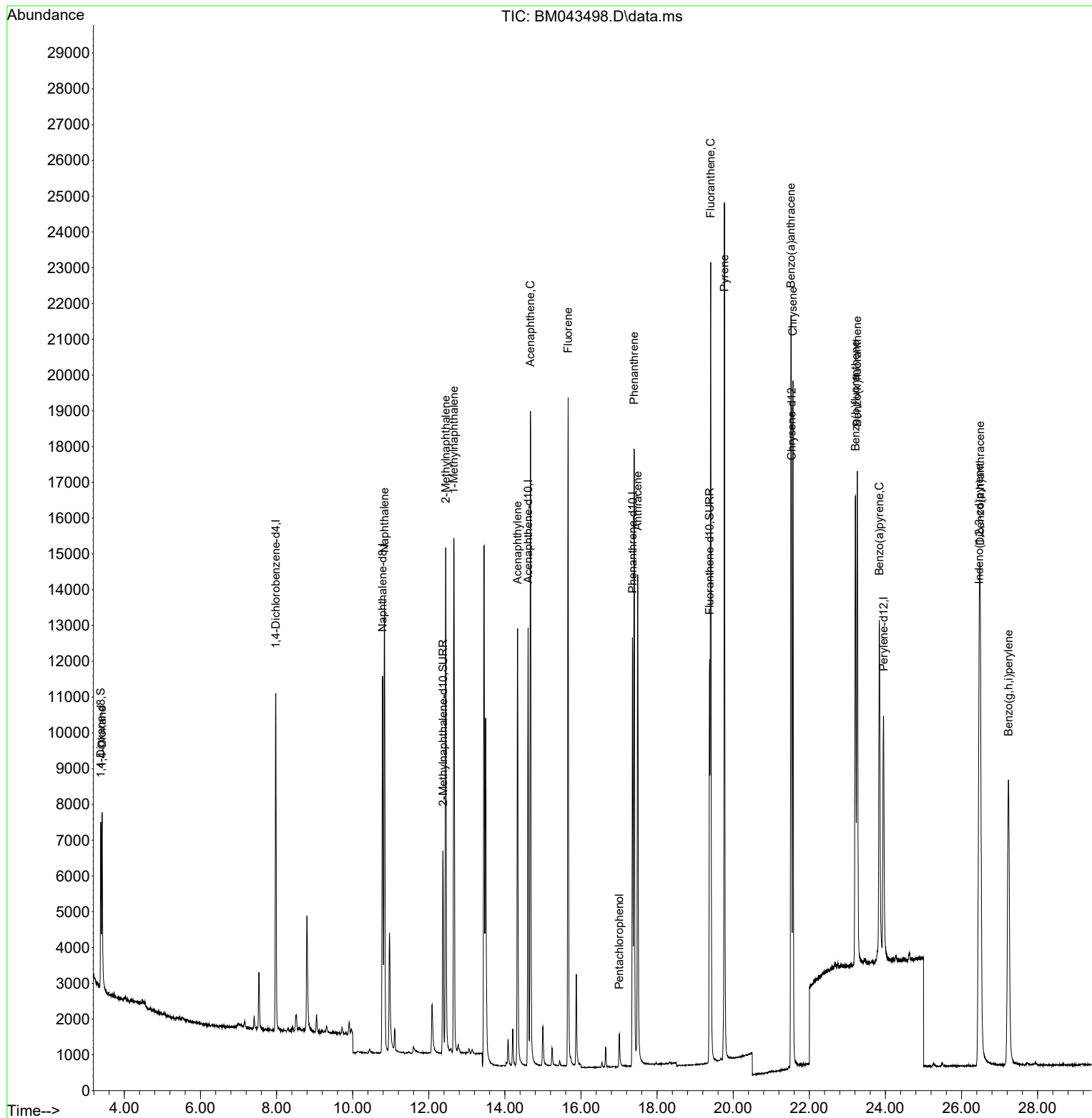
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.979	152	4967	0.400	ng/ul	0.00
4) Naphthalene-d8	10.785	136	14648	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.611	164	7056	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.354	188	14384	0.400	ng/ul #	0.00
17) Chrysene-d12	21.533	240	9795	0.400	ng/ul #	0.00
23) Perylene-d12	23.950	264	10758	0.400	ng/ul #	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.381	96	2911	0.464	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.374	152	8035	0.387	ng/ul	0.00
18) Fluoranthene-d10	19.380	212	12485	0.357	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.414	88	2960	0.470	ng/ul#	83
5) Naphthalene	10.834	128	18025	0.409	ng/ul	99
7) 2-Methylnaphthalene	12.445	142	10799	0.380	ng/ul	100
8) 1-Methylnaphthalene	12.660	142	10792	0.378	ng/ul	99
10) Acenaphthylene	14.333	152	15647	0.403	ng/ul	99
11) Acenaphthene	14.671	153	11467	0.406	ng/ul	99
12) Fluorene	15.661	166	12571	0.393	ng/ul	98
14) Pentachlorophenol	17.008	266	815	0.256	ng/ul	99
15) Phenanthrene	17.396	178	19473	0.406	ng/ul	100
16) Anthracene	17.489	178	17839	0.409	ng/ul	100
19) Fluoranthene	19.408	202	19575	0.354	ng/ul#	93
20) Pyrene	19.771	202	20244	0.369	ng/ul	95
21) Benzo(a)anthracene	21.518	228	16796	0.391	ng/ul	99
22) Chrysene	21.571	228	17827	0.393	ng/ul	100
24) Benzo(b)fluoranthene	23.214	252	18348	0.376	ng/ul	93
25) Benzo(k)fluoranthene	23.260	252	19209	0.379	ng/ul#	91
26) Benzo(a)pyrene	23.839	252	16364	0.406	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	26.465	276	22768	0.496	ng/ul#	92
28) Dibenzo(a,h)anthracene	26.491	278	18356	0.505	ng/ul	95
29) Benzo(g,h,i)perylene	27.236	276	19376	0.495	ng/ul	96

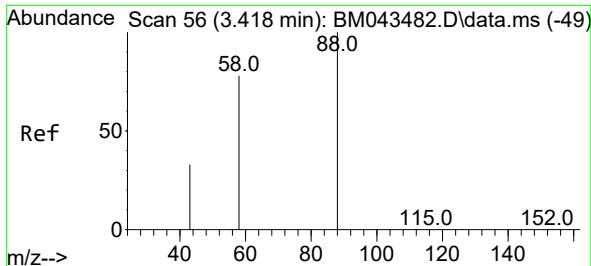
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 19 23:32:46 2023
Response via : Initial Calibration

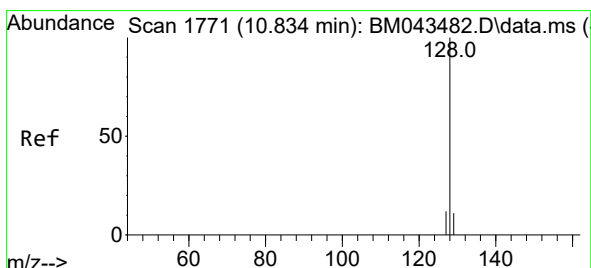
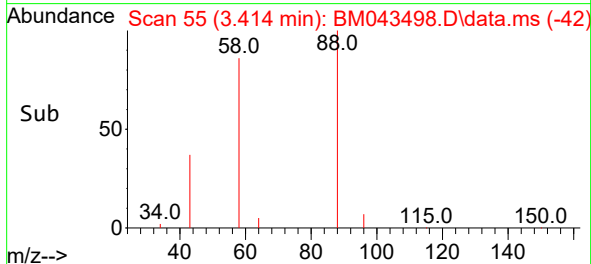
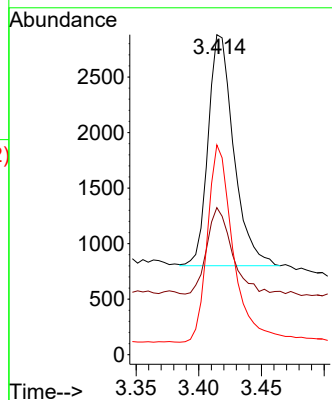
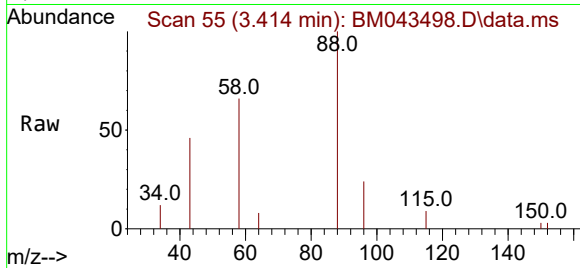




#2
1,4-Dioxane
Concen: 0.470 ng/ul
RT: 3.414 min Scan# 51
Delta R.T. -0.004 min
Lab File: BM043498.D
Acq: 21 Dec 2023 12:22

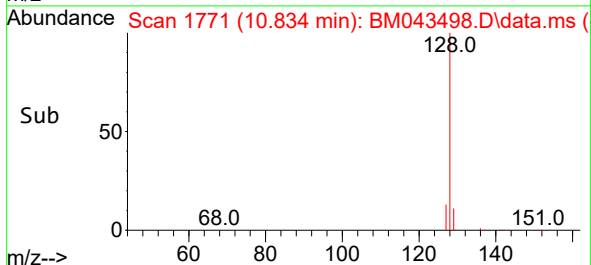
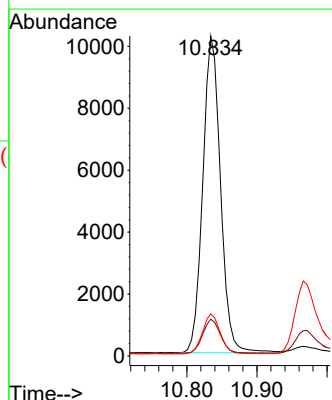
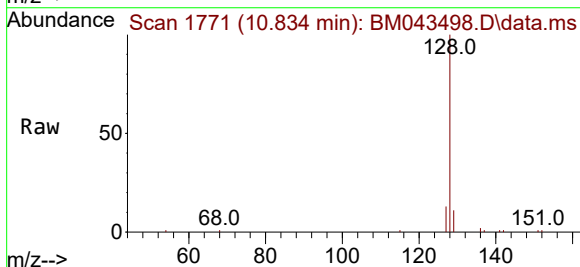
Instrument :
BNA_M
ClientSampleId :

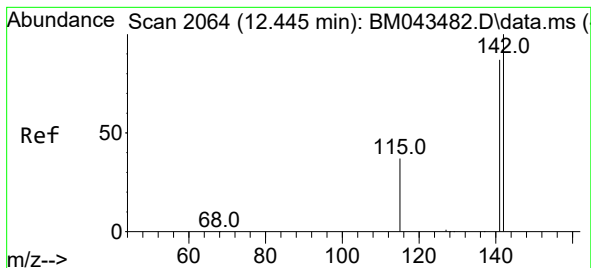
Tgt Ion: 88 Resp: 2960
Ion Ratio Lower Upper
88 100
43 46.0 27.9 41.9#
58 65.5 43.4 65.2#



#5
Naphthalene
Concen: 0.409 ng/ul
RT: 10.834 min Scan# 1771
Delta R.T. -0.005 min
Lab File: BM043498.D
Acq: 21 Dec 2023 12:22

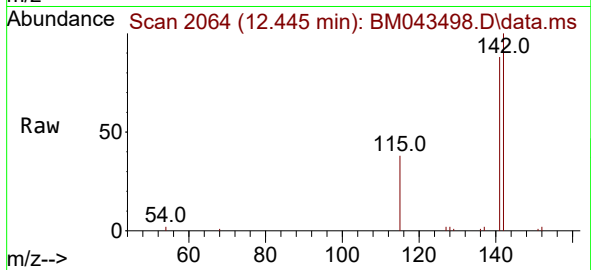
Tgt Ion: 128 Resp: 18025
Ion Ratio Lower Upper
128 100
129 11.5 9.0 13.4
127 13.1 10.3 15.5



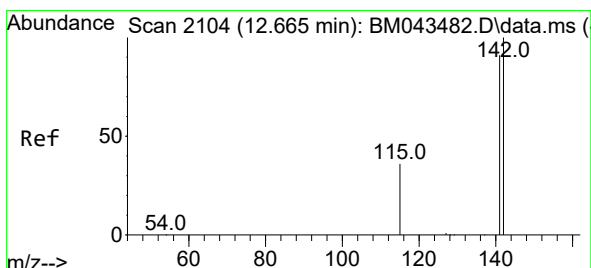
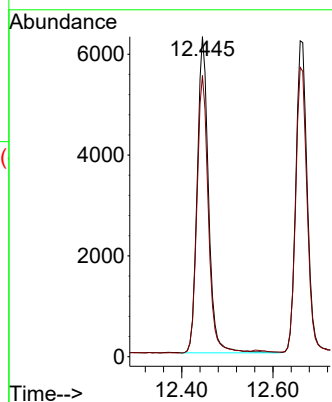
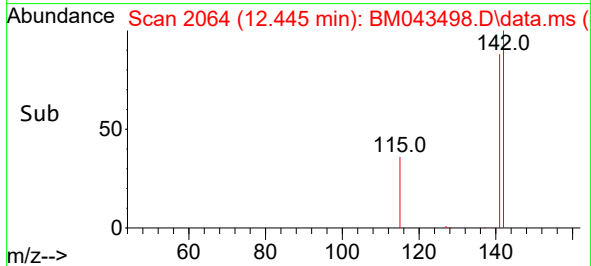


#7
2-Methylnaphthalene
Concen: 0.380 ng/ul
RT: 12.445 min Scan# 2064
Delta R.T. -0.005 min
Lab File: BM043498.D
Acq: 21 Dec 2023 12:22

Instrument :
BNA_M
ClientSampleId :

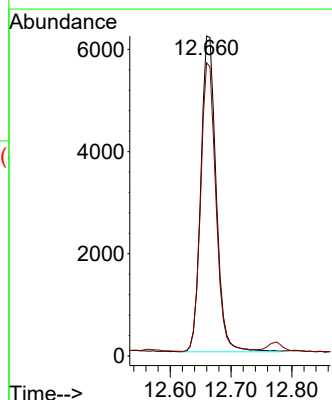
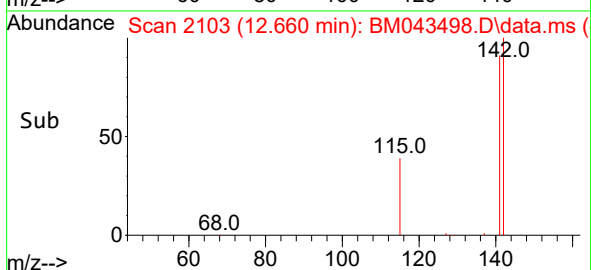
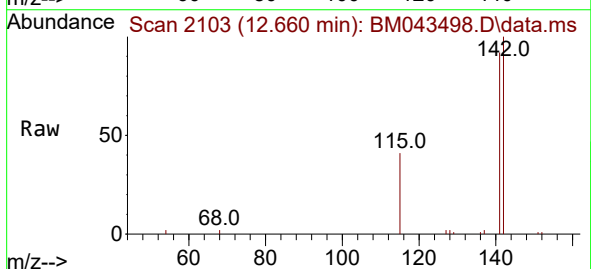


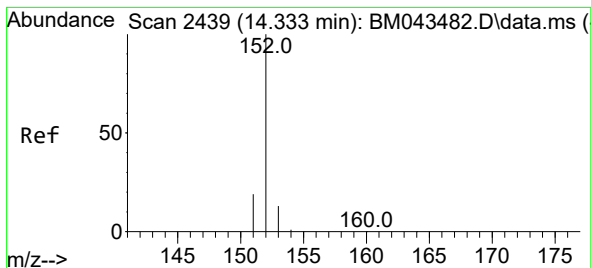
Tgt Ion:142 Resp: 10799
Ion Ratio Lower Upper
142 100
141 88.5 70.9 106.3



#8
1-Methylnaphthalene
Concen: 0.378 ng/ul
RT: 12.660 min Scan# 2103
Delta R.T. -0.005 min
Lab File: BM043498.D
Acq: 21 Dec 2023 12:22

Tgt Ion:142 Resp: 10792
Ion Ratio Lower Upper
142 100
141 91.2 73.7 110.5





#10

Acenaphthylene

Concen: 0.403 ng/ul

RT: 14.333 min Scan# 2439

Delta R.T. -0.005 min

Lab File: BM043498.D

Acq: 21 Dec 2023 12:22

Instrument :

BNA_M

ClientSampleId :

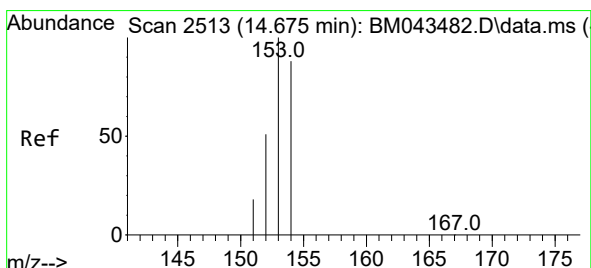
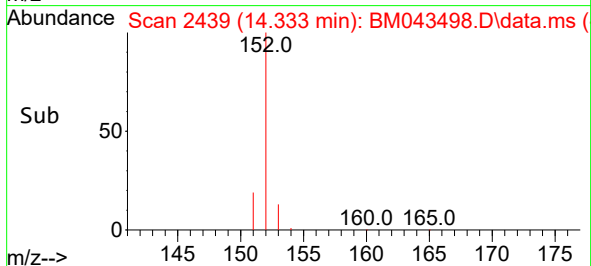
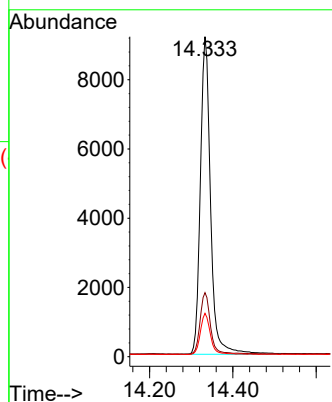
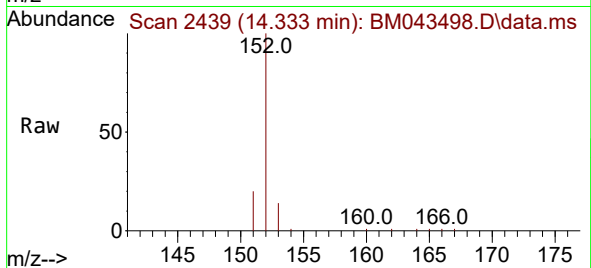
Tgt Ion:152 Resp: 15647

Ion Ratio Lower Upper

152 100

151 20.0 16.2 24.2

153 13.5 10.4 15.6



#11

Acenaphthene

Concen: 0.406 ng/ul

RT: 14.671 min Scan# 2512

Delta R.T. -0.009 min

Lab File: BM043498.D

Acq: 21 Dec 2023 12:22

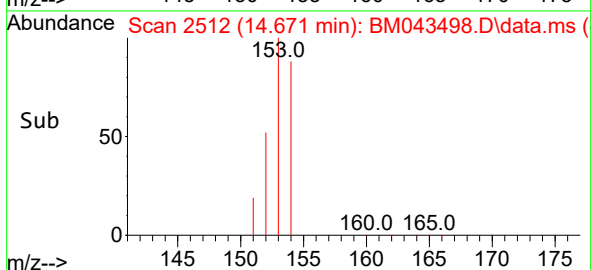
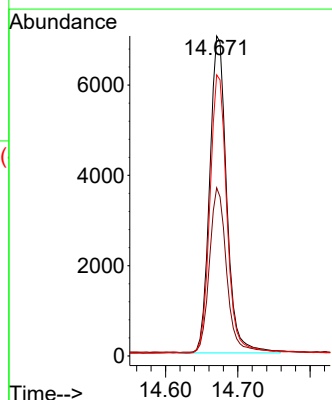
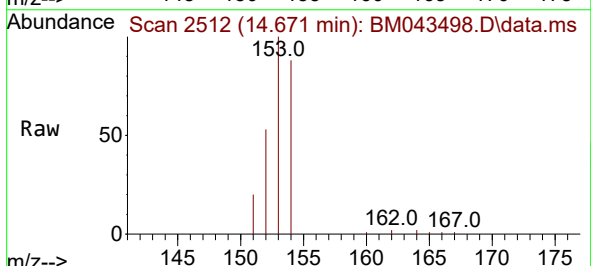
Tgt Ion:153 Resp: 11467

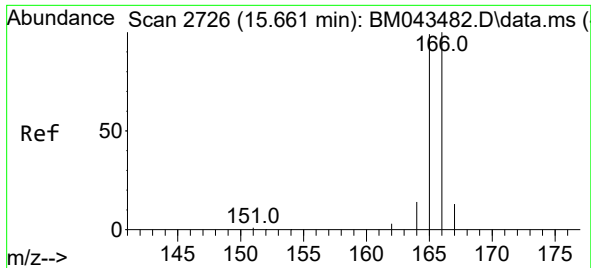
Ion Ratio Lower Upper

153 100

152 52.5 42.1 63.1

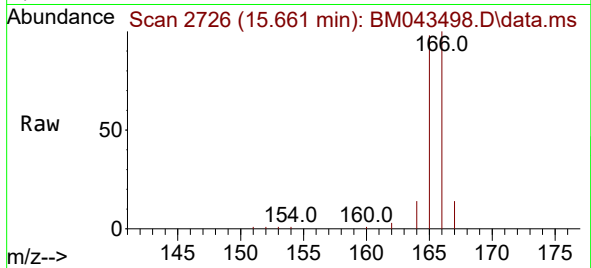
154 87.9 71.3 106.9



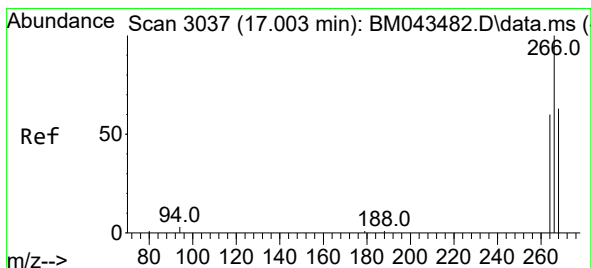
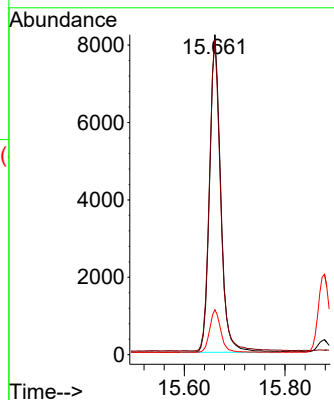


#12
 Fluorene
 Concen: 0.393 ng/ul
 RT: 15.661 min Scan# 21
 Delta R.T. -0.005 min
 Lab File: BM043498.D
 Acq: 21 Dec 2023 12:22

Instrument :
 BNA_M
 ClientSampleId :

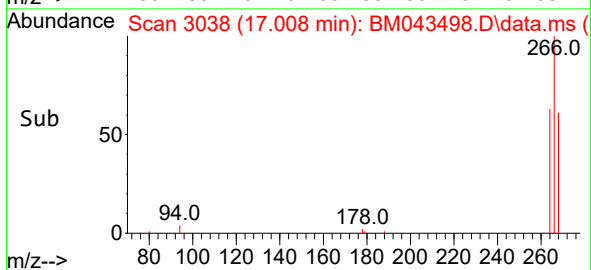
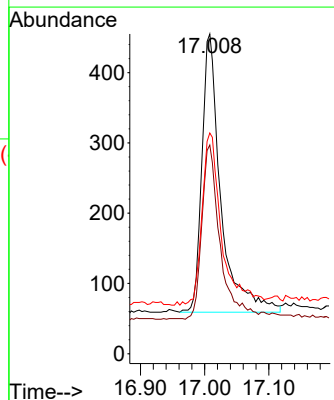
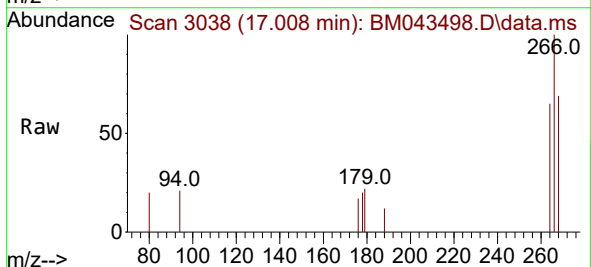


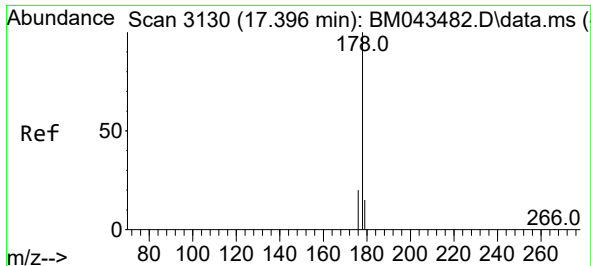
Tgt Ion:	166	Resp:	12571
Ion	Ratio	Lower	Upper
166	100		
165	98.5	80.3	120.5
167	14.1	10.8	16.2



#14
 Pentachlorophenol
 Concen: 0.256 ng/ul
 RT: 17.008 min Scan# 3038
 Delta R.T. -0.000 min
 Lab File: BM043498.D
 Acq: 21 Dec 2023 12:22

Tgt Ion:	266	Resp:	815
Ion	Ratio	Lower	Upper
266	100		
264	63.9	51.7	77.5
268	64.0	51.9	77.9

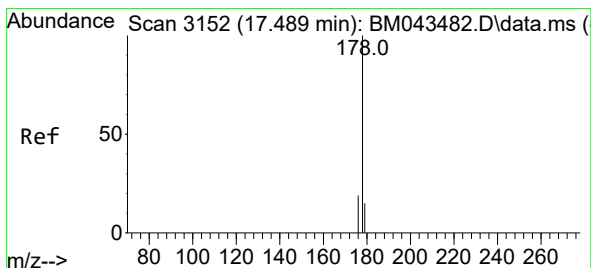
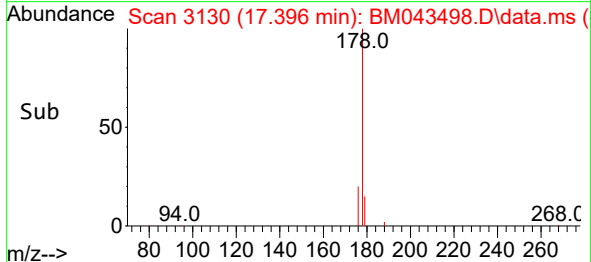
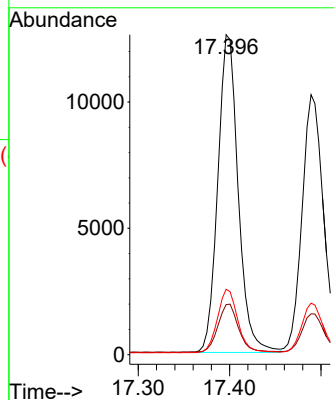
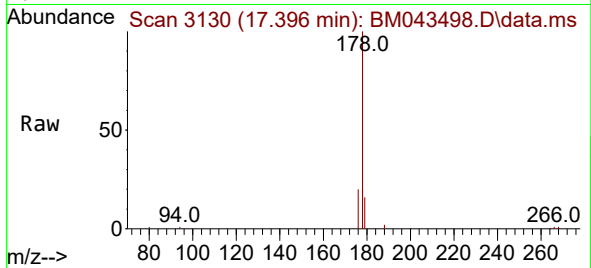




#15
Phenanthrene
Concen: 0.406 ng/u1
RT: 17.396 min Scan# 3130
Delta R.T. -0.004 min
Lab File: BM043498.D
Acq: 21 Dec 2023 12:22

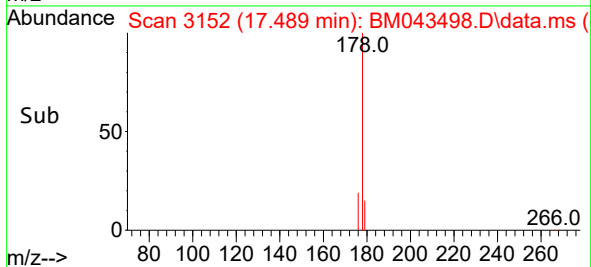
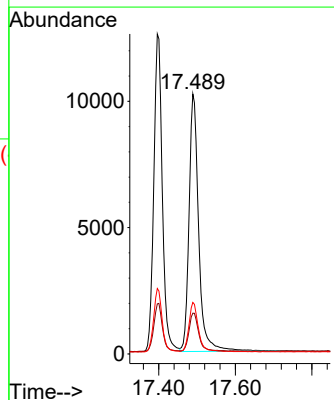
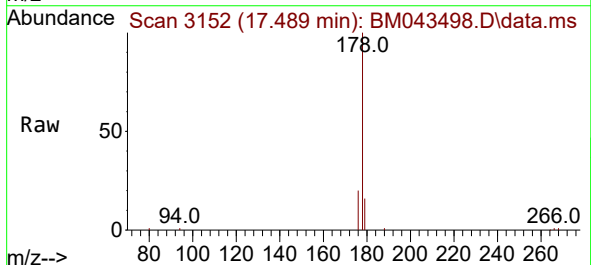
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BNA_M
ClientSampleId :

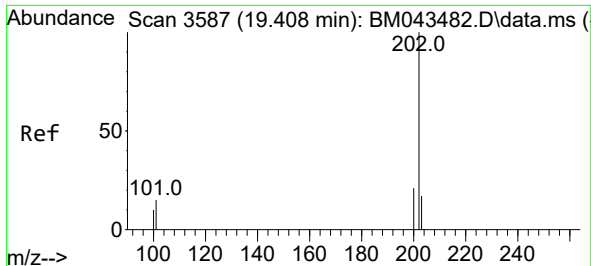
Tgt Ion:178 Resp: 19473
Ion Ratio Lower Upper
178 100
179 15.7 12.4 18.6
176 20.5 16.2 24.2



#16
Anthracene
Concen: 0.409 ng/u1
RT: 17.489 min Scan# 3152
Delta R.T. -0.004 min
Lab File: BM043498.D
Acq: 21 Dec 2023 12:22

Tgt Ion:178 Resp: 17839
Ion Ratio Lower Upper
178 100
179 15.7 12.6 18.8
176 19.8 15.6 23.4

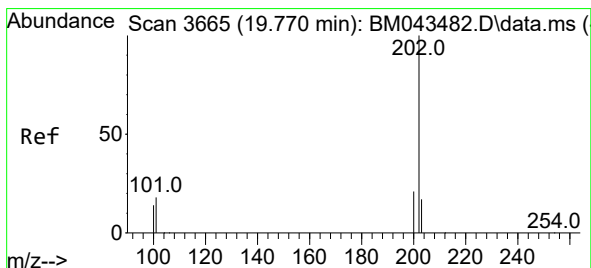
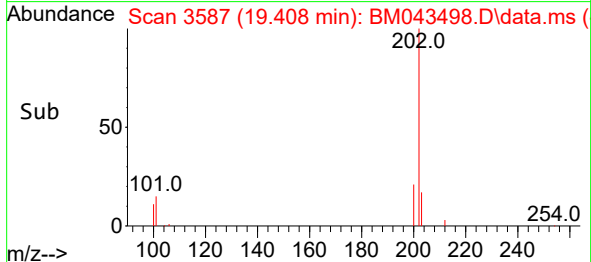
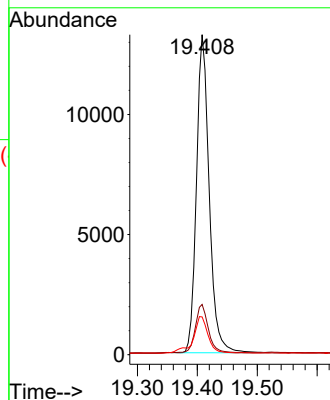
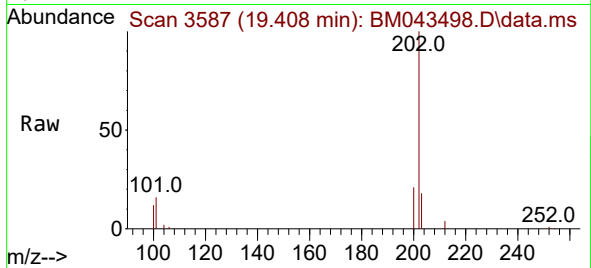




#19
Fluoranthene
Concen: 0.354 ng/ul
RT: 19.408 min Scan# 3587
Delta R.T. -0.005 min
Lab File: BM043498.D
Acq: 21 Dec 2023 12:22

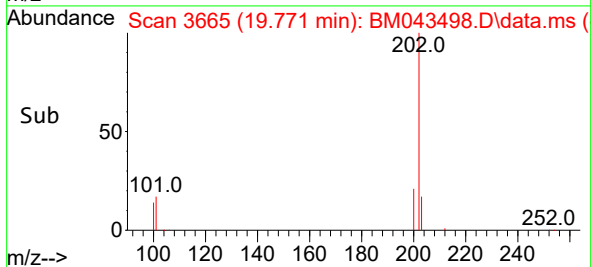
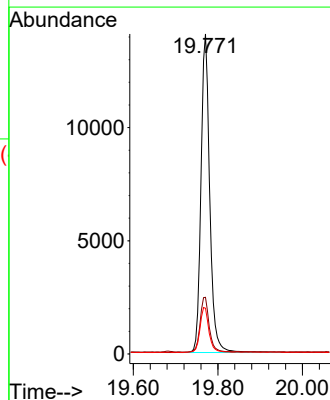
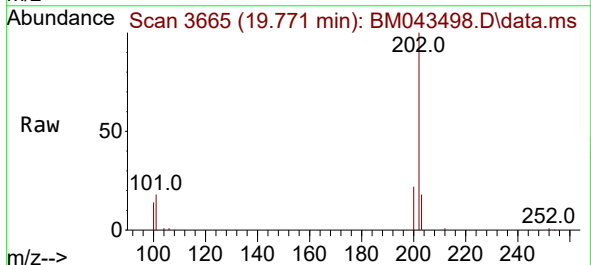
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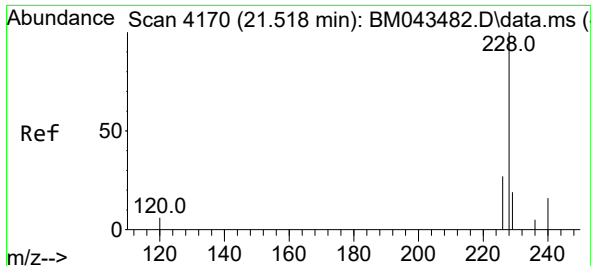
Tgt Ion:202 Resp: 19575
Ion Ratio Lower Upper
202 100
101 15.7 10.1 15.1#
100 11.8 7.4 11.2#



#20
Pyrene
Concen: 0.369 ng/ul
RT: 19.771 min Scan# 3665
Delta R.T. -0.005 min
Lab File: BM043498.D
Acq: 21 Dec 2023 12:22

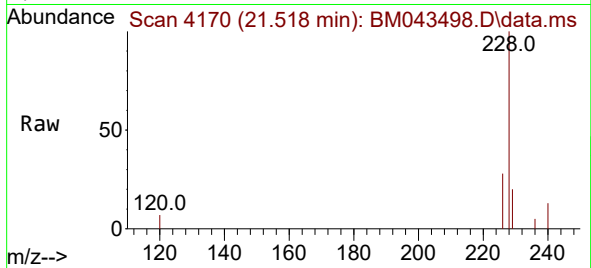
Tgt Ion:202 Resp: 20244
Ion Ratio Lower Upper
202 100
101 17.7 12.7 19.1
100 14.3 9.8 14.8



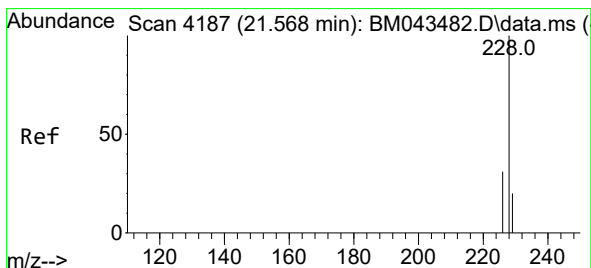
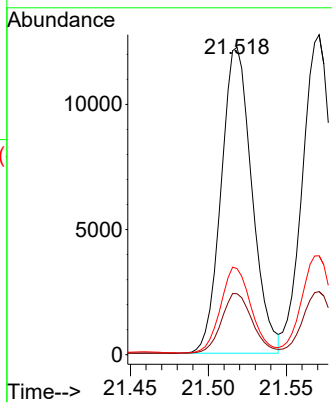
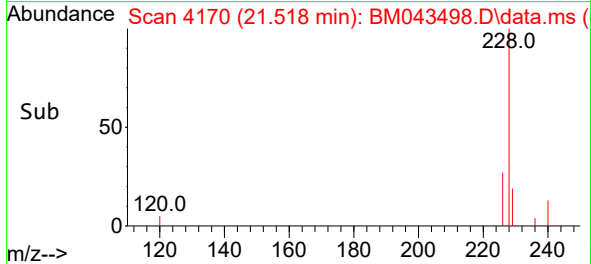


#21
Benzo(a)anthracene
Concen: 0.391 ng/ul
RT: 21.518 min Scan# 4170
Delta R.T. -0.003 min
Lab File: BM043498.D
Acq: 21 Dec 2023 12:22

Instrument :
BNA_M
ClientSampleId :

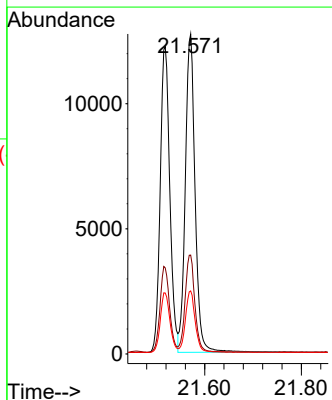
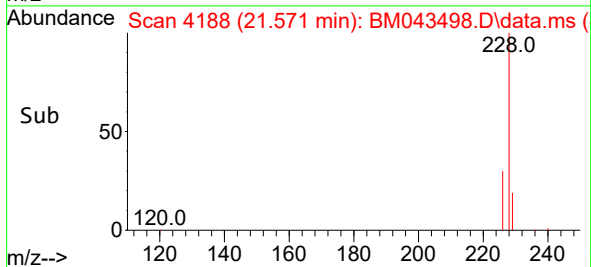
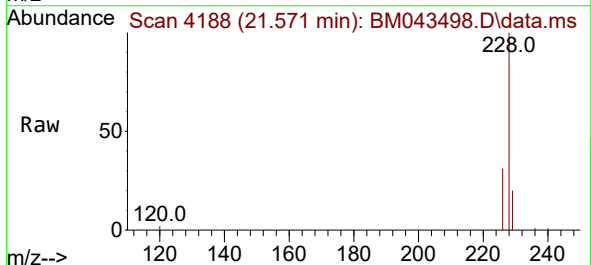


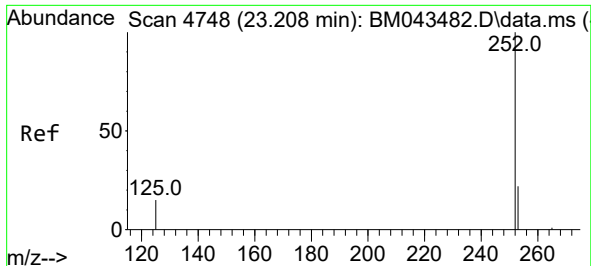
Tgt Ion:228 Resp: 16796
Ion Ratio Lower Upper
228 100
229 19.8 15.5 23.3
226 28.0 22.6 34.0



#22
Chrysene
Concen: 0.393 ng/ul
RT: 21.571 min Scan# 4188
Delta R.T. -0.003 min
Lab File: BM043498.D
Acq: 21 Dec 2023 12:22

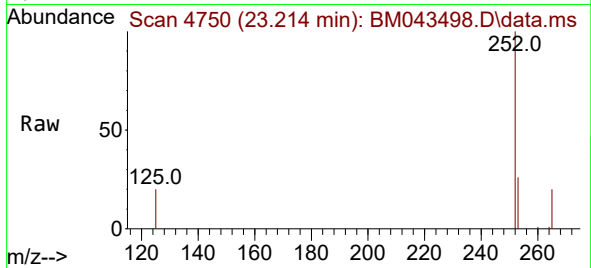
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Ion Ratio Lower Upper
228 100
226 30.9 24.8 37.2
229 19.7 15.7 23.5



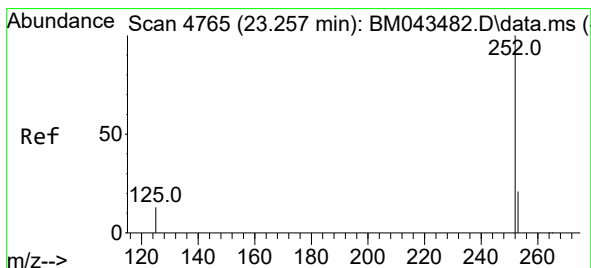
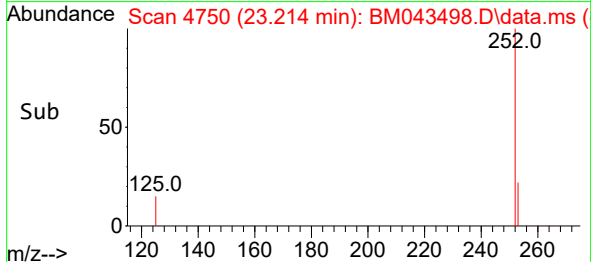
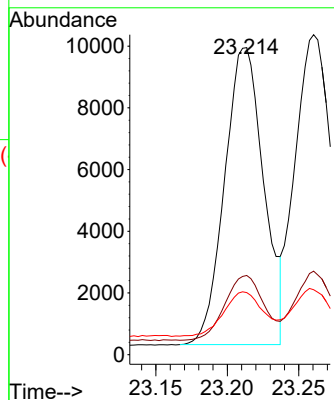


#24
Benzo(b)fluoranthene
Concen: 0.376 ng/ul
RT: 23.214 min Scan# 4750
Delta R.T. -0.003 min
Lab File: BM043498.D
Acq: 21 Dec 2023 12:22

Instrument :
BNA_M
ClientSampleId :

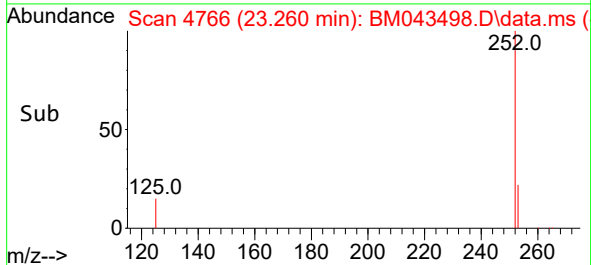
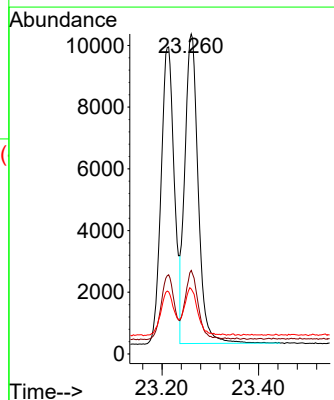
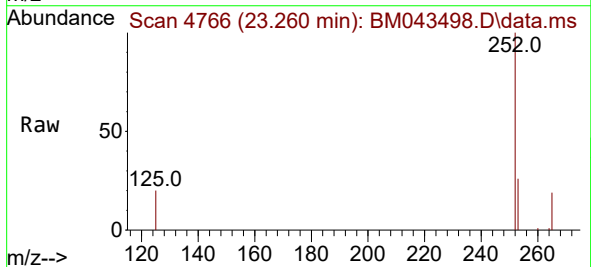


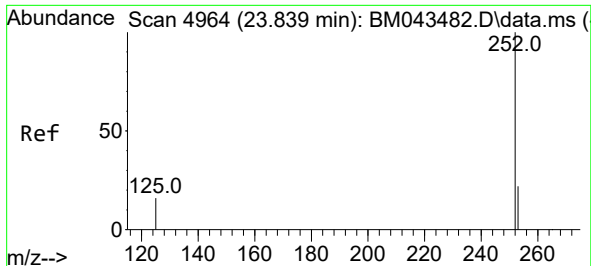
Tgt Ion:252 Resp: 18348
Ion Ratio Lower Upper
252 100
253 25.8 0.0 48.8
125 20.2 0.0 29.2



#25
Benzo(k)fluoranthene
Concen: 0.379 ng/ul
RT: 23.260 min Scan# 4766
Delta R.T. -0.006 min
Lab File: BM043498.D
Acq: 21 Dec 2023 12:22

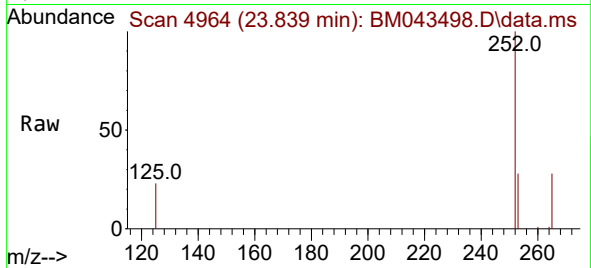
Tgt Ion:252 Resp: 19209
Ion Ratio Lower Upper
252 100
253 26.1 18.6 28.0
125 20.3 11.8 17.8#



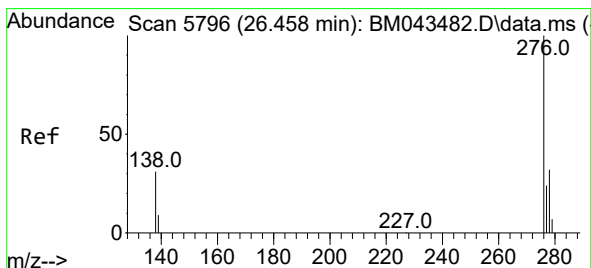
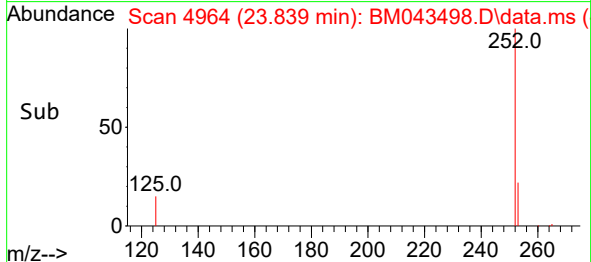
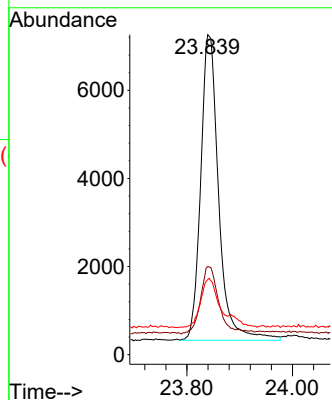


#26
Benzo(a)pyrene
Concen: 0.406 ng/ul
RT: 23.839 min Scan# 4964
Delta R.T. -0.009 min
Lab File: BM043498.D
Acq: 21 Dec 2023 12:22

Instrument :
BNA_M
ClientSampleId :

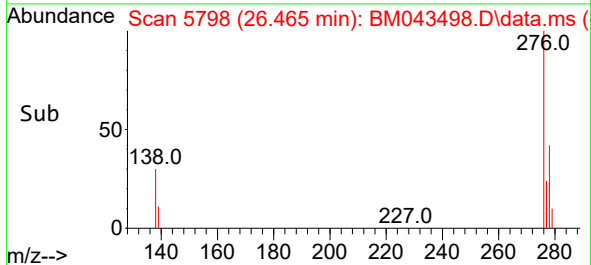
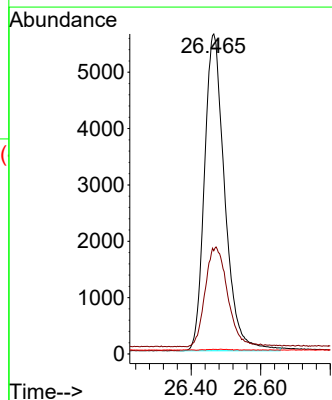
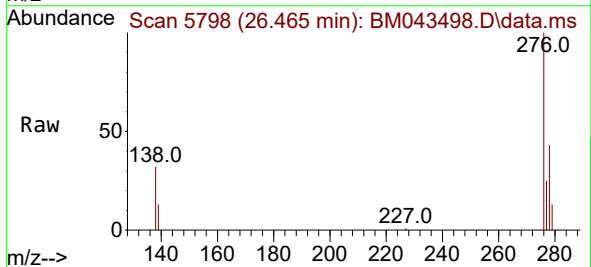


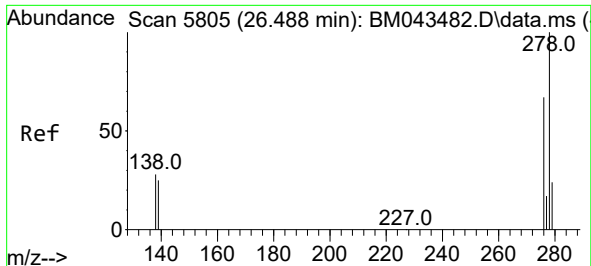
Tgt Ion:252 Resp: 16364
Ion Ratio Lower Upper
252 100
253 27.5 20.2 30.2
125 23.4 13.5 20.3#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.496 ng/ul
RT: 26.465 min Scan# 5798
Delta R.T. -0.010 min
Lab File: BM043498.D
Acq: 21 Dec 2023 12:22

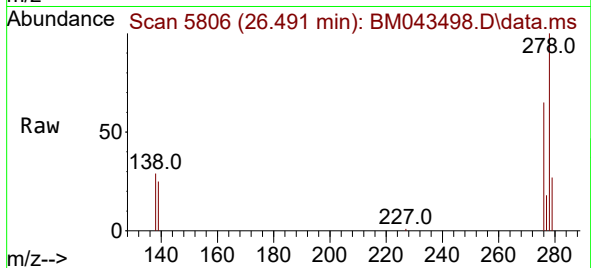
Tgt Ion:276 Resp: 22768
Ion Ratio Lower Upper
276 100
138 34.9 24.6 36.8
227 0.1 0.0 0.0#



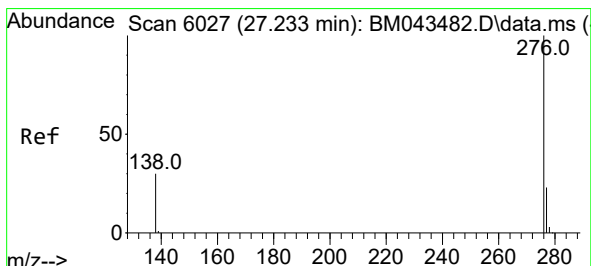
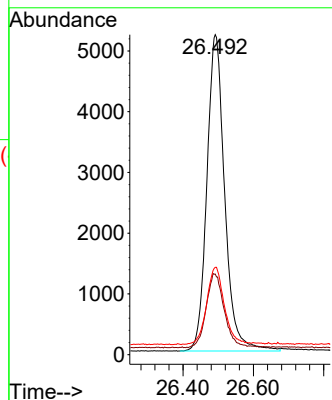
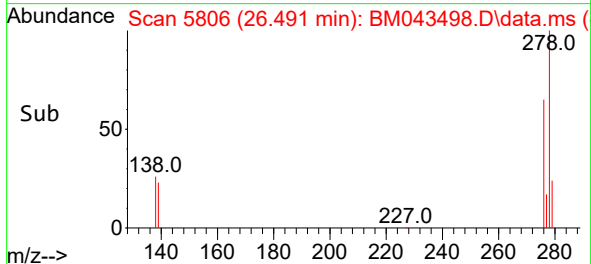


#28
Dibenzo(a,h)anthracene
Concen: 0.505 ng/ul
RT: 26.491 min Scan# 5806
Delta R.T. -0.007 min
Lab File: BM043498.D
Acq: 21 Dec 2023 12:22

Instrument :
BNA_M
ClientSampleId :



Tgt Ion:278 Resp: 18356
Ion Ratio Lower Upper
278 100
139 25.2 17.4 26.2
279 27.3 20.9 31.3



#29
Benzo(g,h,i)perylene
Concen: 0.495 ng/ul
RT: 27.236 min Scan# 6028
Delta R.T. -0.007 min
Lab File: BM043498.D
Acq: 21 Dec 2023 12:22

Tgt Ion:276 Resp: 19376
Ion Ratio Lower Upper
276 100
138 32.0 23.1 34.7
277 24.9 19.4 29.0

