

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121923\
 Data File : BM043495.D
 Acq On : 21 Dec 2023 10:28
 Operator : MA/JU
 Sample : PB157942BS
 Misc :
 ALS Vial : 74 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Dec 22 00:06:17 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

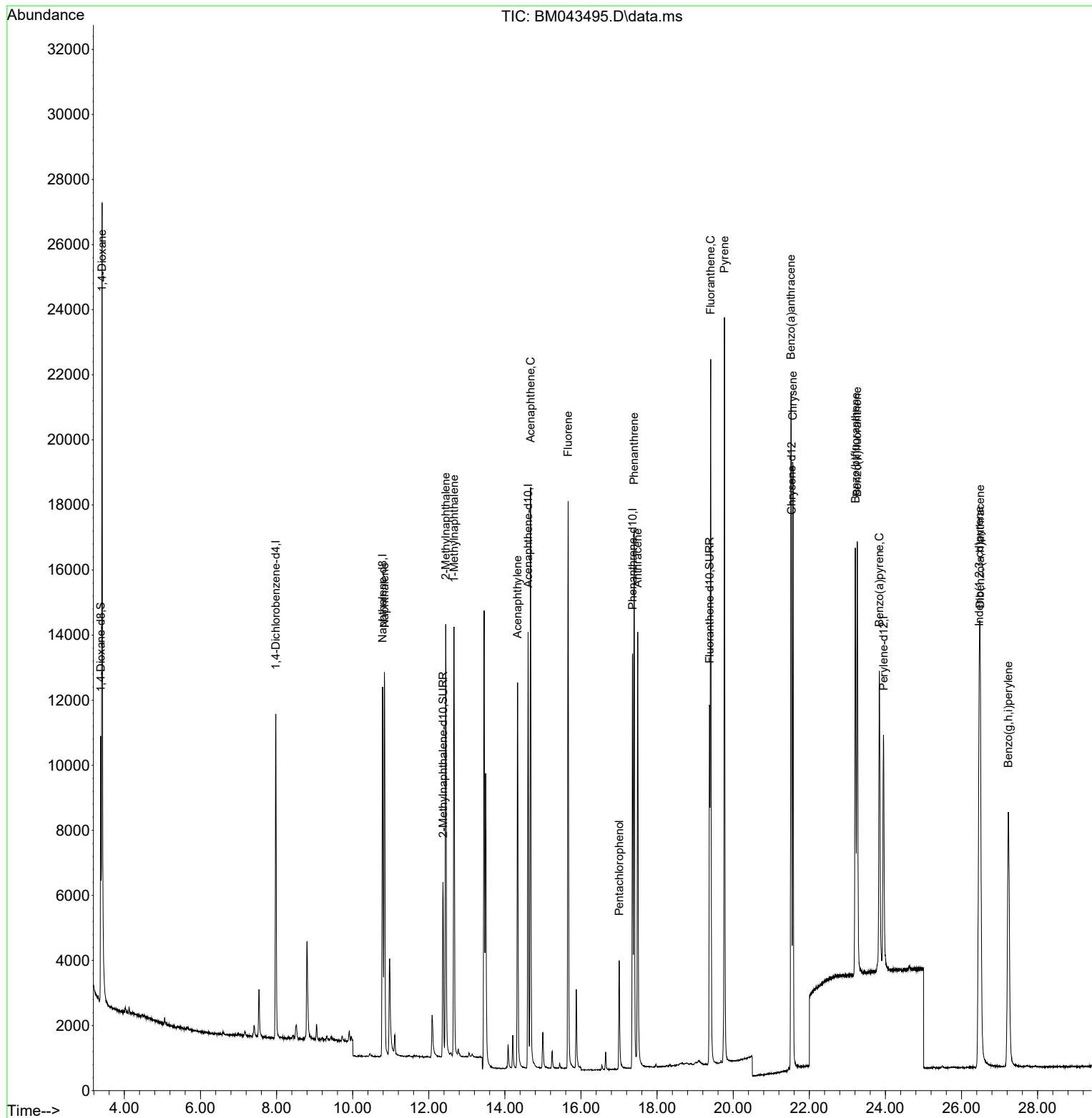
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.979	152	5289	0.400	ng/ul	0.00
4) Naphthalene-d8	10.785	136	15988	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.610	164	7702	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.358	188	15643	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.533	240	10147	0.400	ng/ul	# 0.00
23) Perylene-d12	23.950	264	11175	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.381	96	5007	0.749	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.374	152	7726	0.341	ng/ul	0.00
18) Fluoranthene-d10	19.380	212	12028	0.332	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.414	88	15768	2.353	ng/ul#	81
5) Naphthalene	10.834	128	17117	0.356	ng/ul	98
7) 2-Methylnaphthalene	12.445	142	10241	0.330	ng/ul	100
8) 1-Methylnaphthalene	12.665	142	9948	0.320	ng/ul	99
10) Acenaphthylene	14.333	152	14972	0.353	ng/ul	99
11) Acenaphthene	14.675	153	11014	0.357	ng/ul	98
12) Fluorene	15.661	166	11956	0.342	ng/ul	99
14) Pentachlorophenol	17.003	266	2752	0.794	ng/ul	99
15) Phenanthrene	17.396	178	18568	0.356	ng/ul	99
16) Anthracene	17.489	178	17011	0.359	ng/ul	99
19) Fluoranthene	19.408	202	18818	0.329	ng/ul#	92
20) Pyrene	19.770	202	19474	0.343	ng/ul	95
21) Benzo(a)anthracene	21.518	228	16286	0.366	ng/ul	99
22) Chrysene	21.571	228	17325	0.368	ng/ul	100
24) Benzo(b)fluoranthene	23.211	252	17858	0.352	ng/ul	93
25) Benzo(k)fluoranthene	23.260	252	18454	0.351	ng/ul#	91
26) Benzo(a)pyrene	23.842	252	15869	0.379	ng/ul#	90
27) Indeno(1,2,3-cd)pyrene	26.465	276	21861	0.459	ng/ul#	91
28) Dibenzo(a,h)anthracene	26.491	278	17699	0.469	ng/ul	95
29) Benzo(g,h,i)perylene	27.229	276	18703	0.460	ng/ul	95

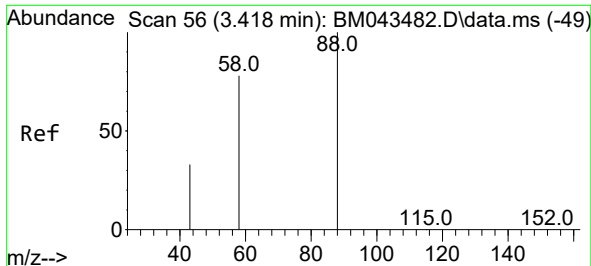
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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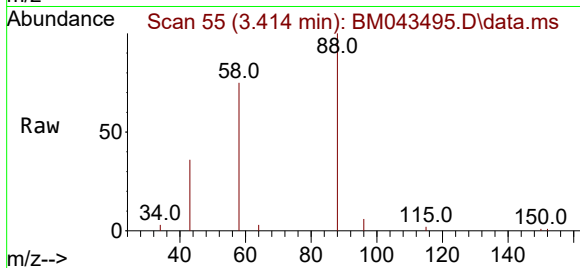
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 19 23:32:46 2023
Response via : Initial Calibration



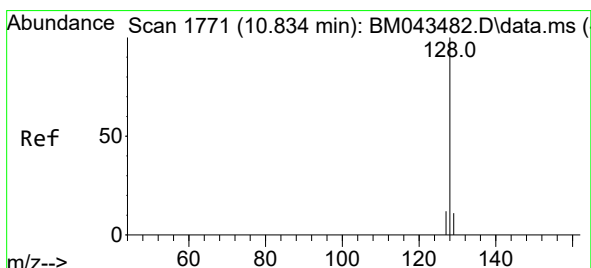
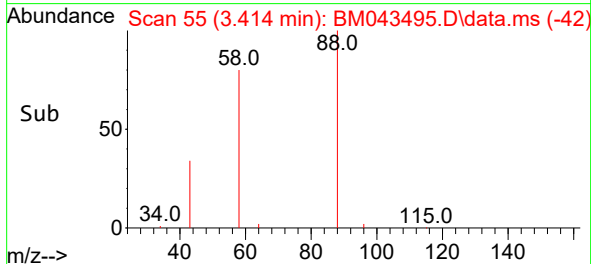
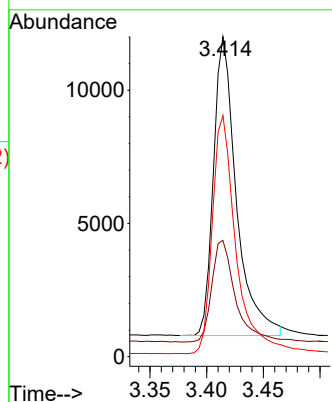


#2
1,4-Dioxane
Concen: 2.353 ng/ul
RT: 3.414 min Scan# 51
Delta R.T. -0.004 min
Lab File: BM043495.D
Acq: 21 Dec 2023 10:28

Instrument :
BNA_M
ClientSampleId :

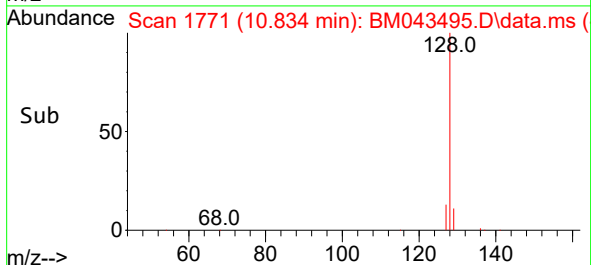
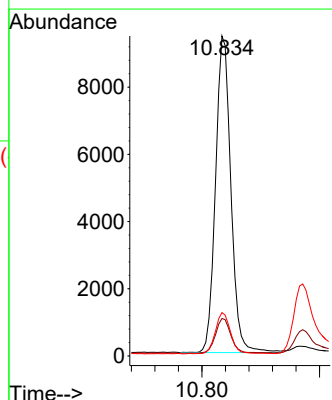
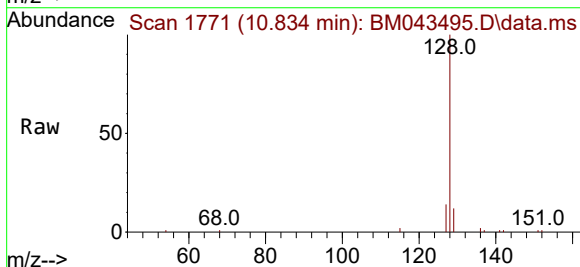


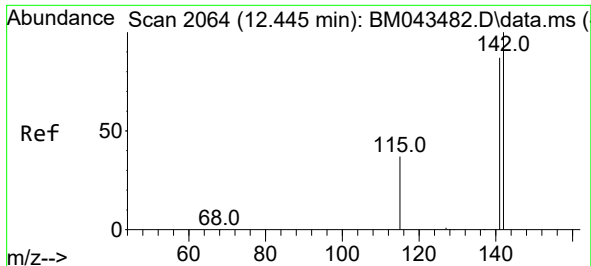
Tgt Ion: 88 Resp: 15768
Ion Ratio Lower Upper
88 100
43 36.4 27.9 41.9
58 75.4 43.4 65.2#



#5
Naphthalene
Concen: 0.356 ng/ul
RT: 10.834 min Scan# 1771
Delta R.T. -0.006 min
Lab File: BM043495.D
Acq: 21 Dec 2023 10:28

Tgt Ion:128 Resp: 17117
Ion Ratio Lower Upper
128 100
129 11.7 9.0 13.4
127 13.6 10.3 15.5

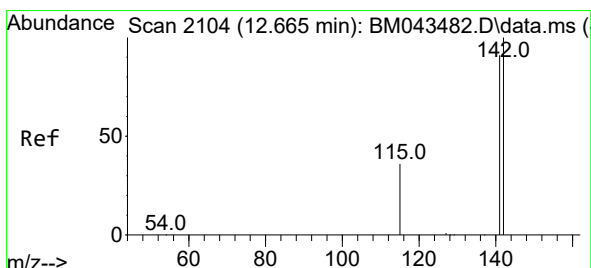
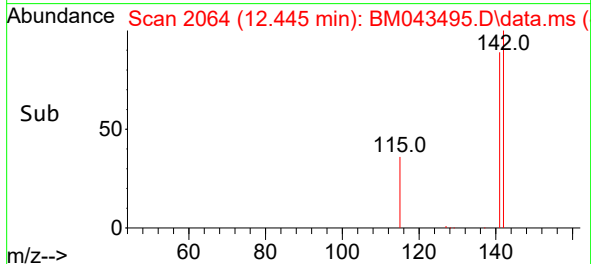
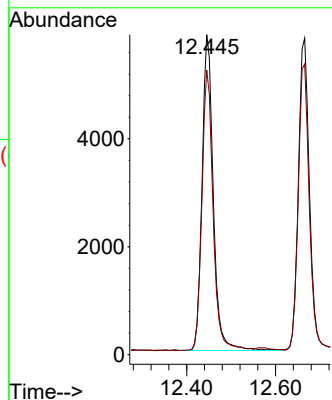
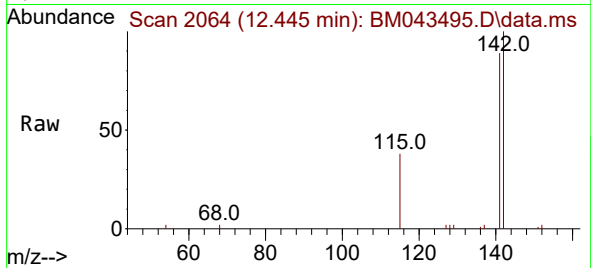




#7
2-Methylnaphthalene
Concen: 0.330 ng/ul
RT: 12.445 min Scan# 2064
Delta R.T. -0.006 min
Lab File: BM043495.D
Acq: 21 Dec 2023 10:28

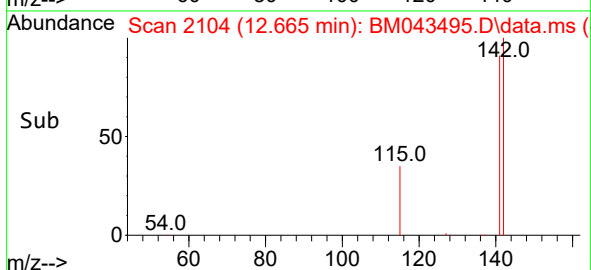
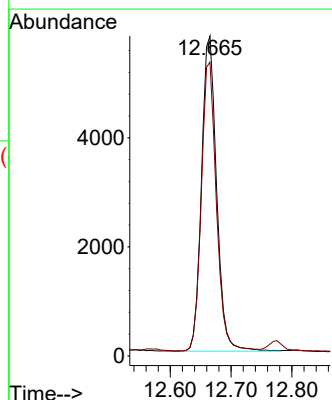
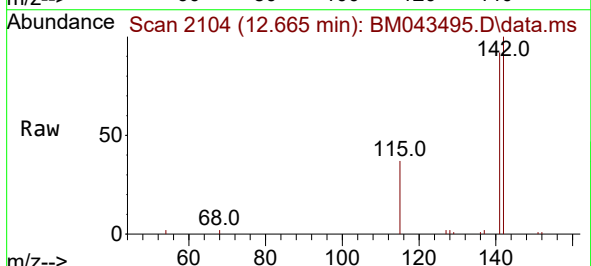
Instrument :
BNA_M
ClientSampleId :

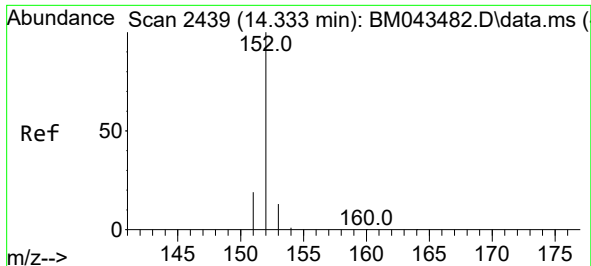
Tgt Ion:142 Resp: 10241
Ion Ratio Lower Upper
142 100
141 88.8 70.9 106.3



#8
1-Methylnaphthalene
Concen: 0.320 ng/ul
RT: 12.665 min Scan# 2104
Delta R.T. -0.000 min
Lab File: BM043495.D
Acq: 21 Dec 2023 10:28

Tgt Ion:142 Resp: 9948
Ion Ratio Lower Upper
142 100
141 91.6 73.7 110.5

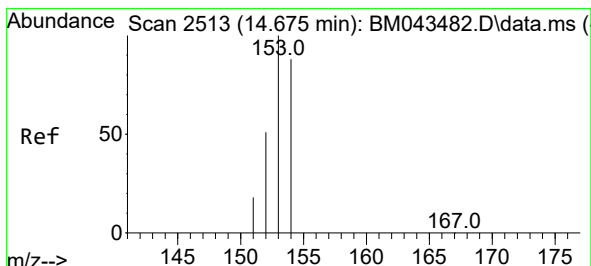
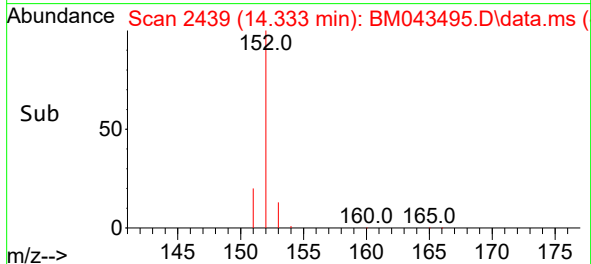
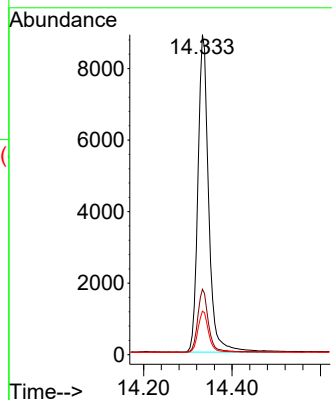
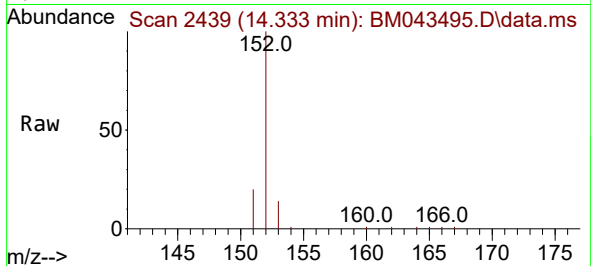




#10
Acenaphthylene
Concen: 0.353 ng/ul
RT: 14.333 min Scan# 2439
Delta R.T. -0.005 min
Lab File: BM043495.D
Acq: 21 Dec 2023 10:28

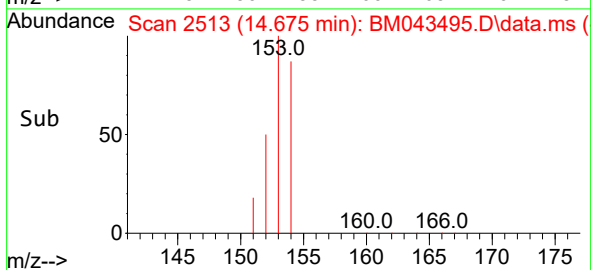
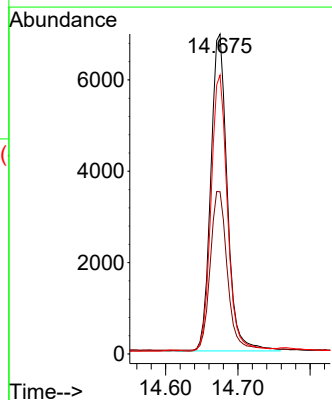
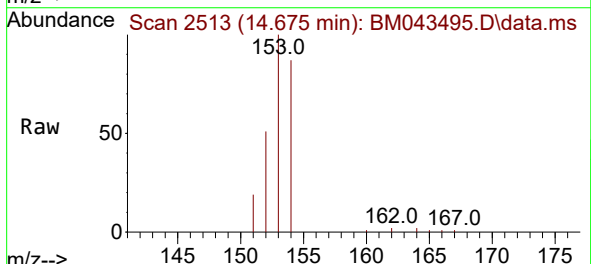
Instrument :
BNA_M
ClientSampleId :

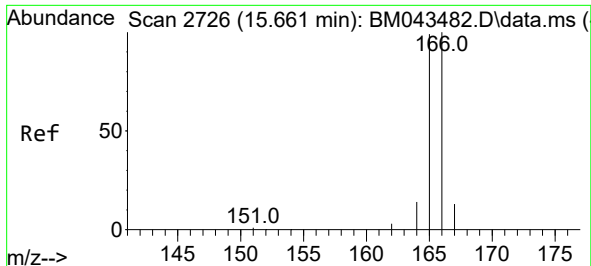
Tgt Ion:152 Resp: 14972
Ion Ratio Lower Upper
152 100
151 20.4 16.2 24.2
153 13.6 10.4 15.6



#11
Acenaphthene
Concen: 0.357 ng/ul
RT: 14.675 min Scan# 2513
Delta R.T. -0.005 min
Lab File: BM043495.D
Acq: 21 Dec 2023 10:28

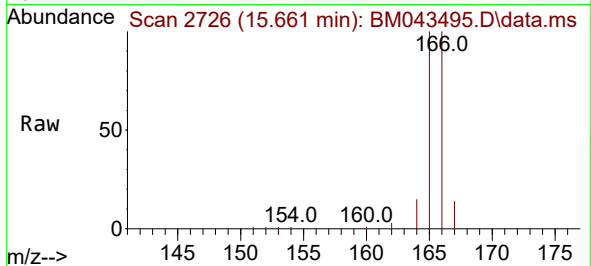
Tgt Ion:153 Resp: 11014
Ion Ratio Lower Upper
153 100
152 50.7 42.1 63.1
154 87.2 71.3 106.9



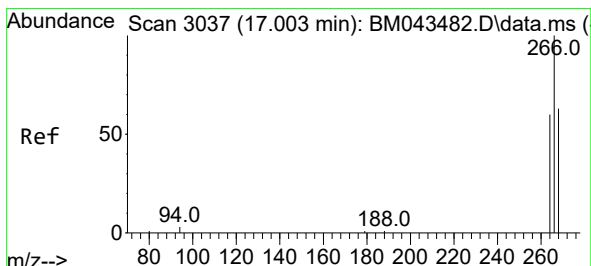
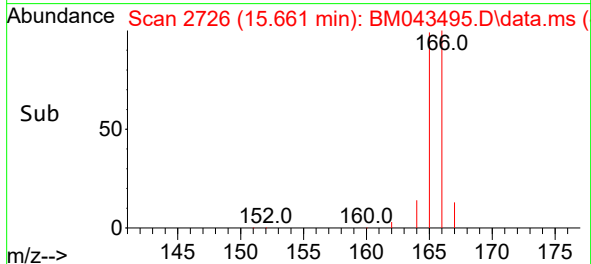
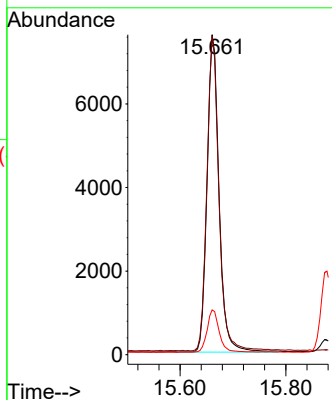


#12
Fluorene
Concen: 0.342 ng/ul
RT: 15.661 min Scan# 21
Delta R.T. -0.005 min
Lab File: BM043495.D
Acq: 21 Dec 2023 10:28

Instrument :
BNA_M
ClientSampleId :

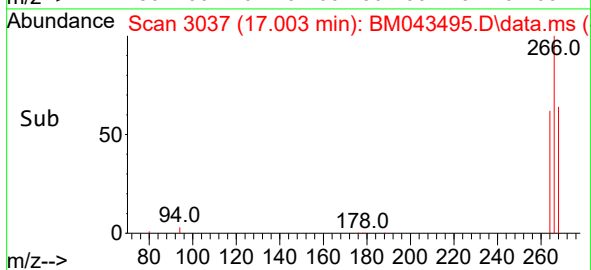
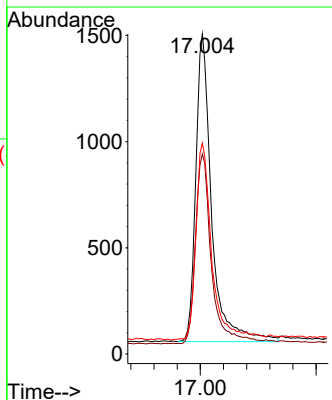
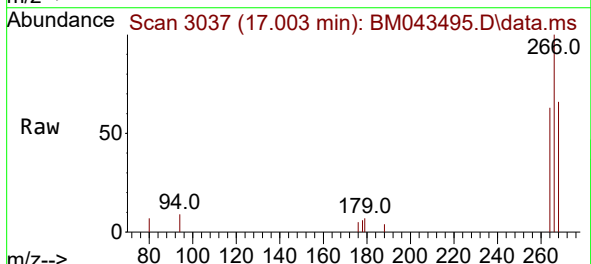


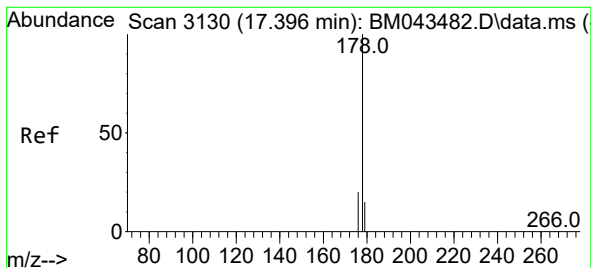
Tgt Ion:166 Resp: 11956
Ion Ratio Lower Upper
166 100
165 99.5 80.3 120.5
167 14.0 10.8 16.2



#14
Pentachlorophenol
Concen: 0.794 ng/ul
RT: 17.003 min Scan# 3037
Delta R.T. -0.004 min
Lab File: BM043495.D
Acq: 21 Dec 2023 10:28

Tgt Ion:266 Resp: 2752
Ion Ratio Lower Upper
266 100
264 63.8 51.7 77.5
268 65.2 51.9 77.9





#15

Phenanthrene

Concen: 0.356 ng/ul

RT: 17.396 min Scan# 3130

Delta R.T. -0.004 min

Lab File: BM043495.D

Acq: 21 Dec 2023 10:28

Instrument :

BNA_M

ClientSampleId :

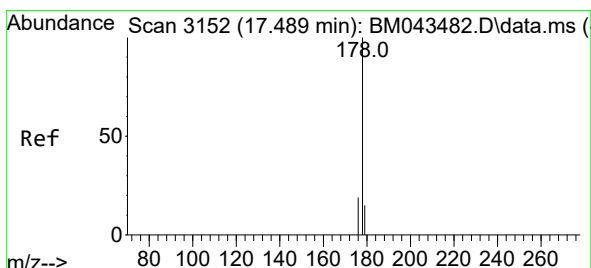
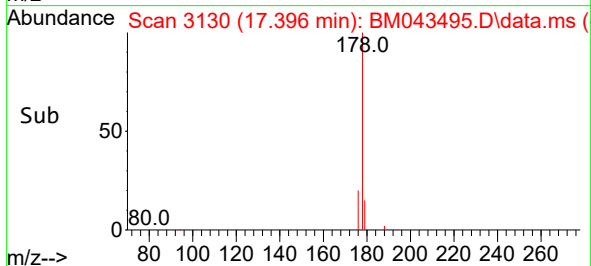
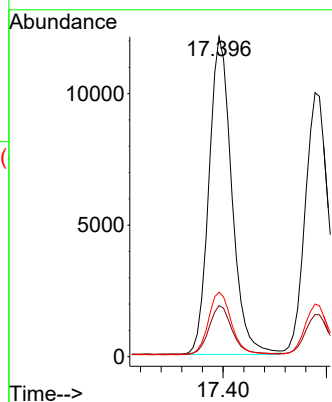
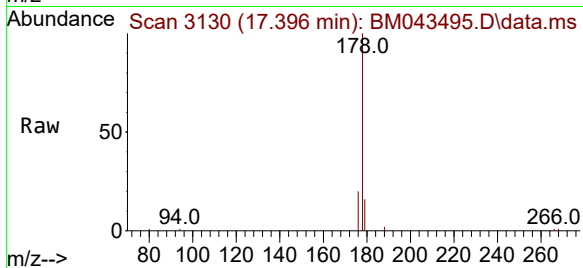
Tgt Ion:178 Resp: 18568

Ion Ratio Lower Upper

178 100

179 16.0 12.4 18.6

176 20.2 16.2 24.2



#16

Anthracene

Concen: 0.359 ng/ul

RT: 17.489 min Scan# 3152

Delta R.T. -0.004 min

Lab File: BM043495.D

Acq: 21 Dec 2023 10:28

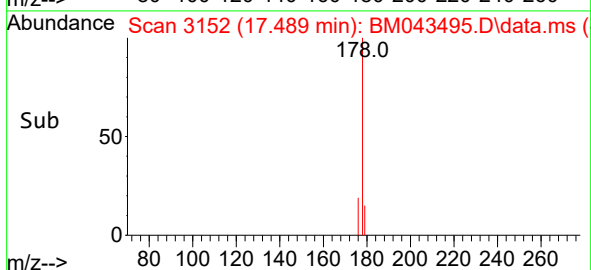
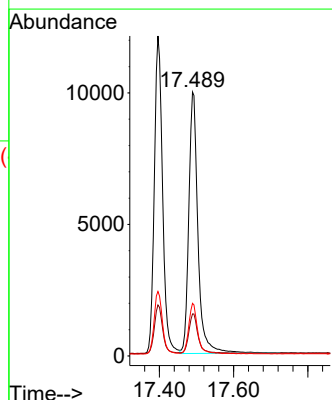
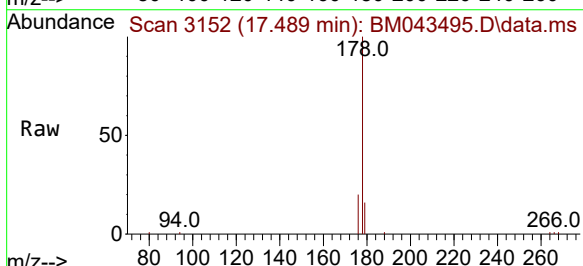
Tgt Ion:178 Resp: 17011

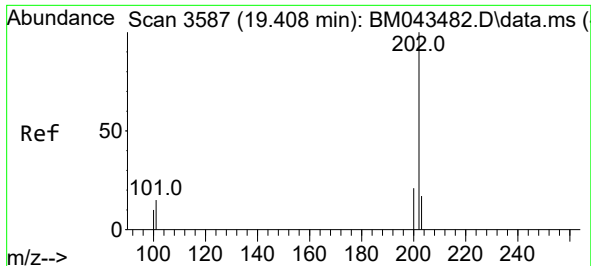
Ion Ratio Lower Upper

178 100

179 16.0 12.6 18.8

176 19.9 15.6 23.4

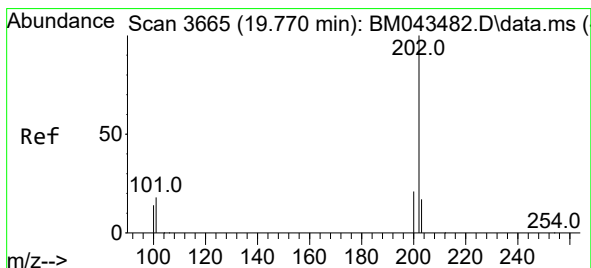
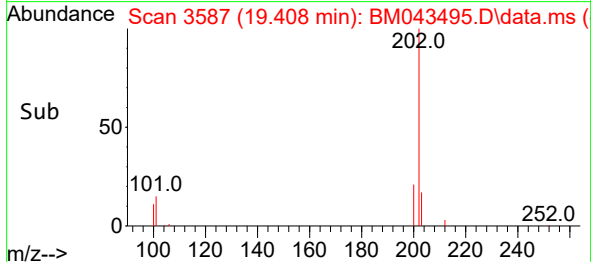
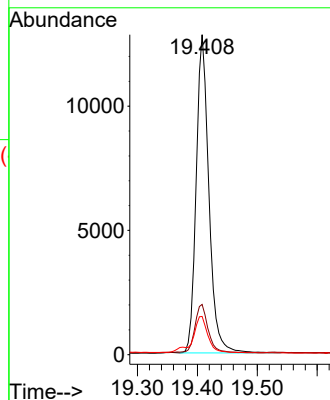
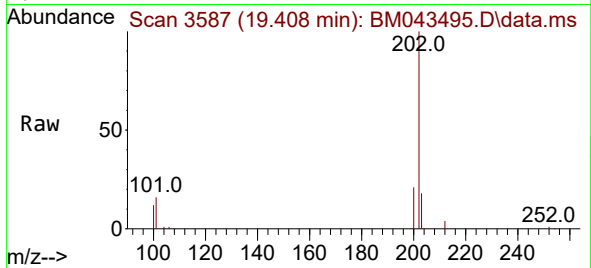




#19
Fluoranthene
Concen: 0.329 ng/ul
RT: 19.408 min Scan# 3587
Delta R.T. -0.005 min
Lab File: BM043495.D
Acq: 21 Dec 2023 10:28

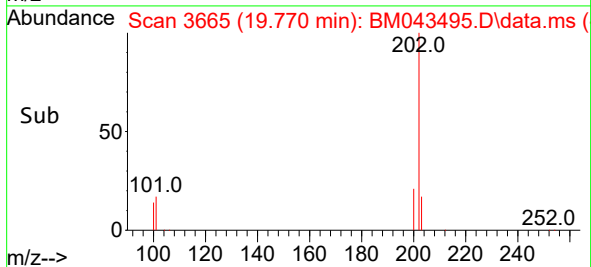
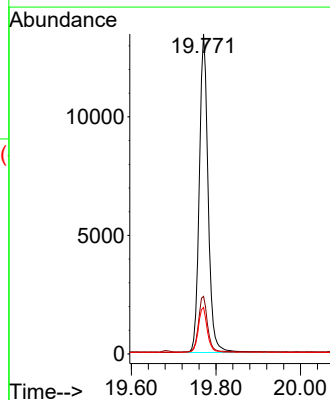
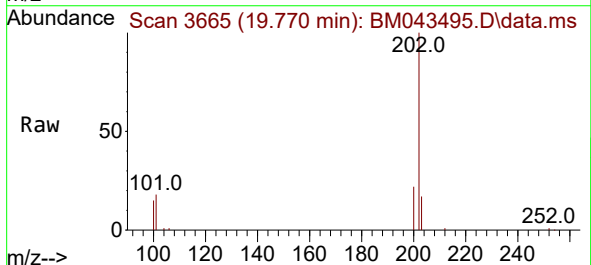
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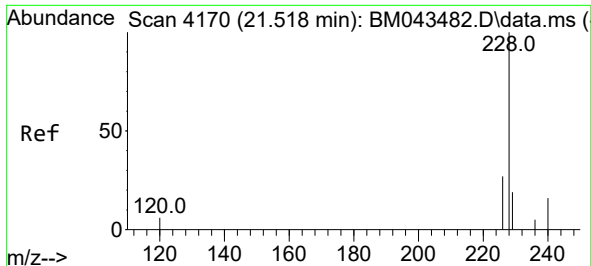
Tgt Ion:202 Resp: 18818
Ion Ratio Lower Upper
202 100
101 15.7 10.1 15.1#
100 12.0 7.4 11.2#



#20
Pyrene
Concen: 0.343 ng/ul
RT: 19.770 min Scan# 3665
Delta R.T. -0.005 min
Lab File: BM043495.D
Acq: 21 Dec 2023 10:28

Tgt Ion:202 Resp: 19474
Ion Ratio Lower Upper
202 100
101 18.0 12.7 19.1
100 14.5 9.8 14.8

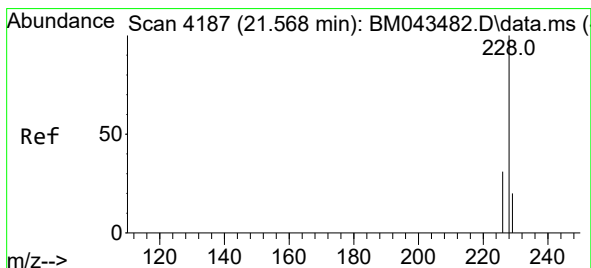
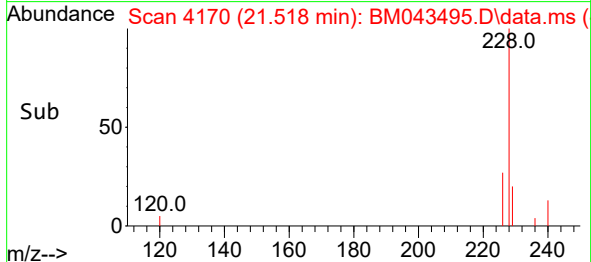
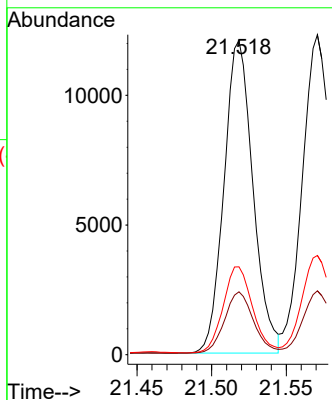
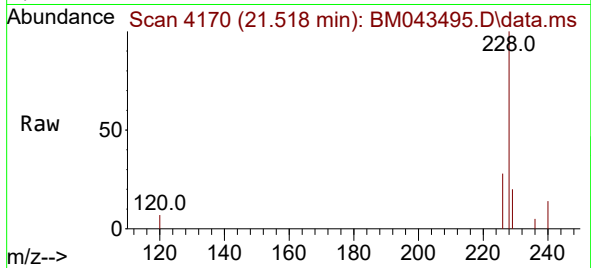




#21
Benzo(a)anthracene
Concen: 0.366 ng/ul
RT: 21.518 min Scan# 4170
Delta R.T. -0.003 min
Lab File: BM043495.D
Acq: 21 Dec 2023 10:28

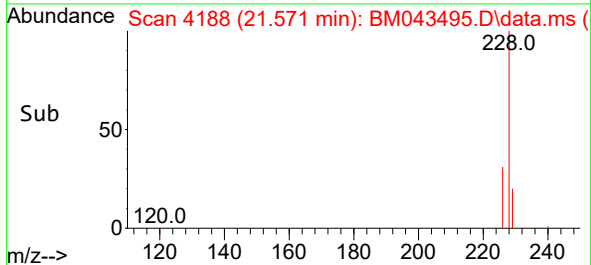
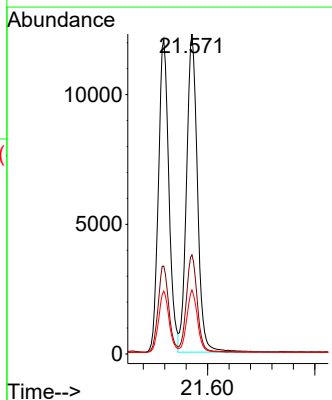
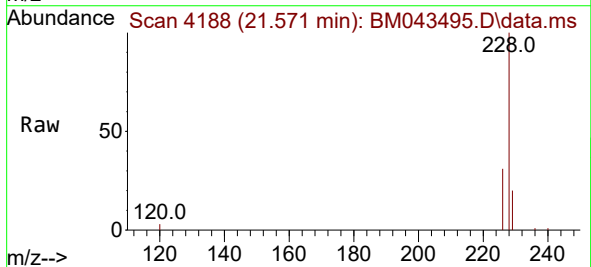
Instrument :
BNA_M
ClientSampleId :

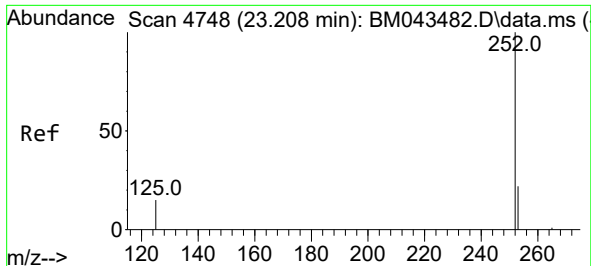
Tgt Ion:228 Resp: 16286
Ion Ratio Lower Upper
228 100
229 20.0 15.5 23.3
226 27.9 22.6 34.0



#22
Chrysene
Concen: 0.368 ng/ul
RT: 21.571 min Scan# 4188
Delta R.T. -0.003 min
Lab File: BM043495.D
Acq: 21 Dec 2023 10:28

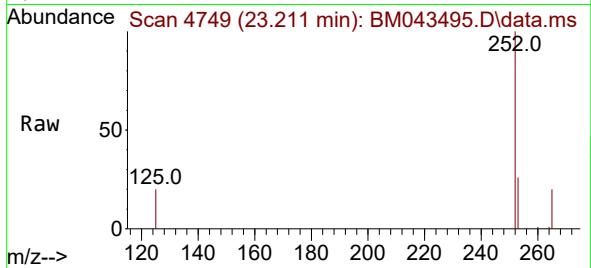
Tgt Ion:228 Resp: 17325
Ion Ratio Lower Upper
228 100
226 31.0 24.8 37.2
229 19.9 15.7 23.5



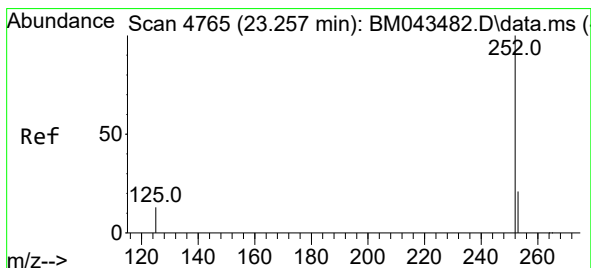
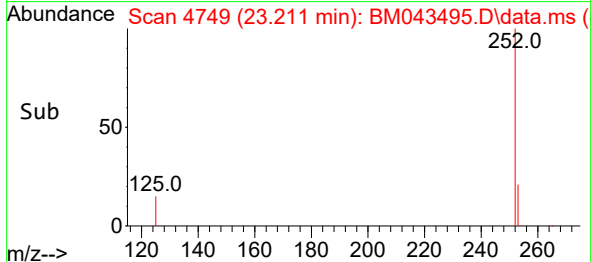
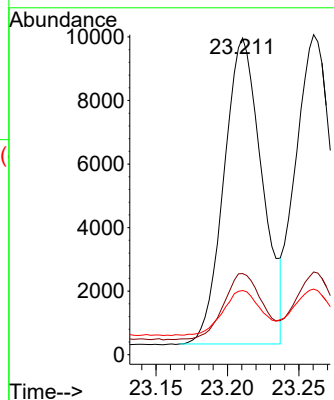


#24
Benzo(b)fluoranthene
Concen: 0.352 ng/ul
RT: 23.211 min Scan# 4749
Delta R.T. -0.006 min
Lab File: BM043495.D
Acq: 21 Dec 2023 10:28

Instrument :
BNA_M
ClientSampleId :

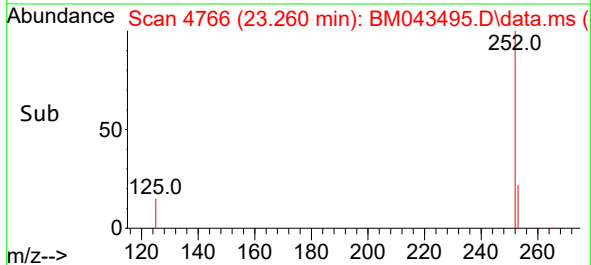
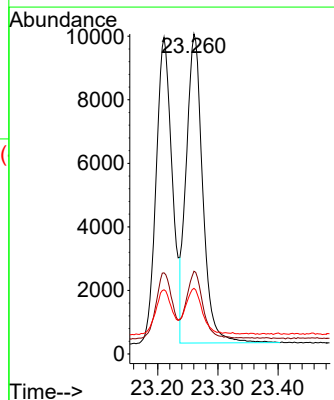
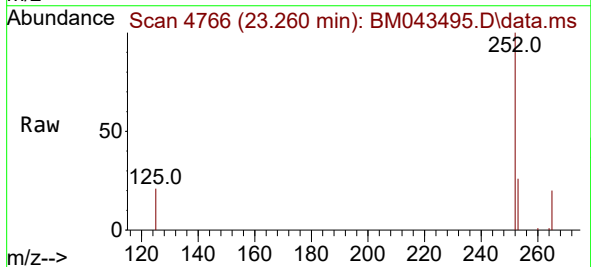


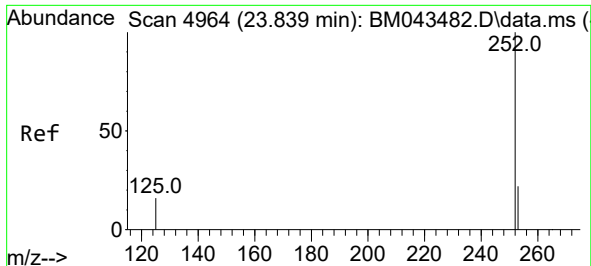
Tgt Ion:252 Resp: 17858
Ion Ratio Lower Upper
252 100
253 25.6 0.0 48.8
125 20.3 0.0 29.2



#25
Benzo(k)fluoranthene
Concen: 0.351 ng/ul
RT: 23.260 min Scan# 4766
Delta R.T. -0.006 min
Lab File: BM043495.D
Acq: 21 Dec 2023 10:28

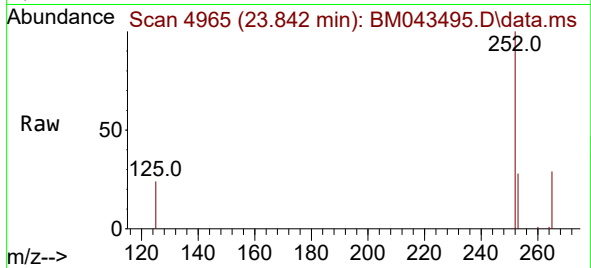
Tgt Ion:252 Resp: 18454
Ion Ratio Lower Upper
252 100
253 25.9 18.6 28.0
125 20.5 11.8 17.8#



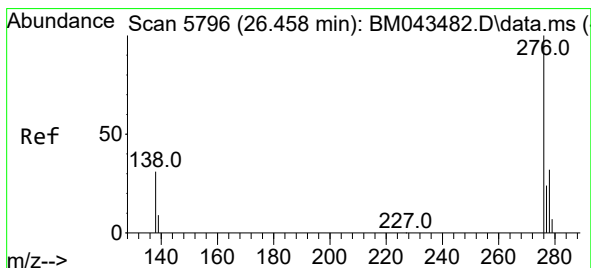
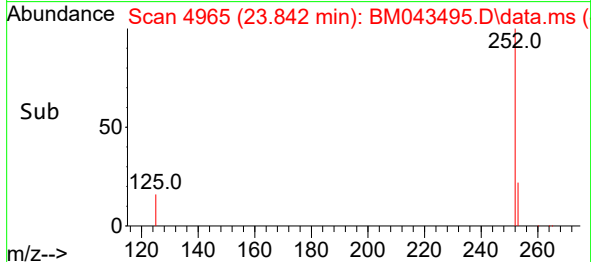
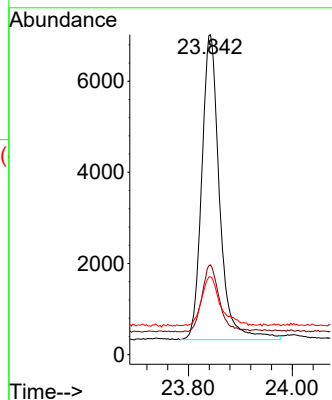


#26
Benzo(a)pyrene
Concen: 0.379 ng/ul
RT: 23.842 min Scan# 4965
Delta R.T. -0.006 min
Lab File: BM043495.D
Acq: 21 Dec 2023 10:28

Instrument :
BNA_M
ClientSampleId :

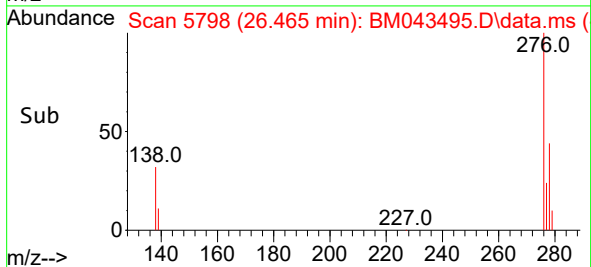
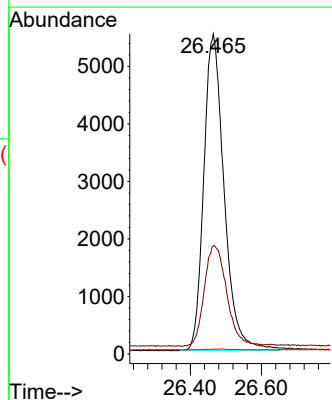
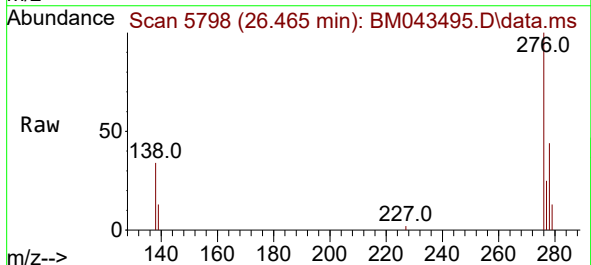


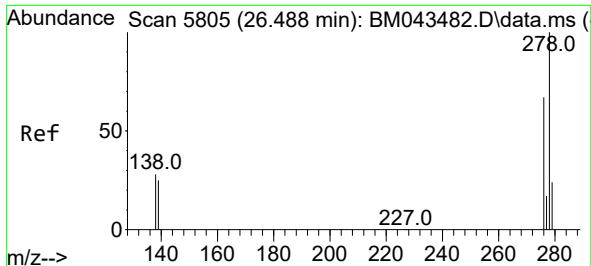
Tgt Ion:252 Resp: 15869
Ion Ratio Lower Upper
252 100
253 28.1 20.2 30.2
125 24.3 13.5 20.3#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.459 ng/ul
RT: 26.465 min Scan# 5798
Delta R.T. -0.011 min
Lab File: BM043495.D
Acq: 21 Dec 2023 10:28

Tgt Ion:276 Resp: 21861
Ion Ratio Lower Upper
276 100
138 35.6 24.6 36.8
227 0.1 0.0 0.0#

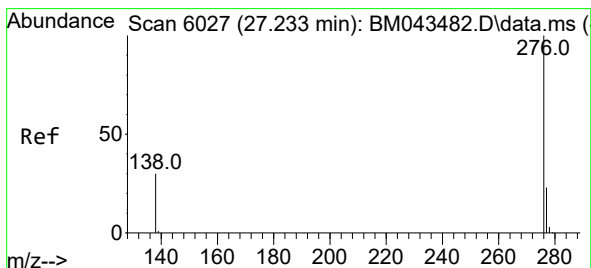
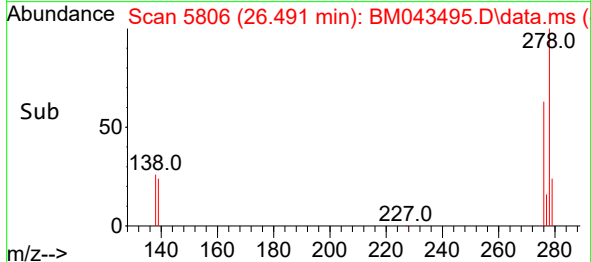
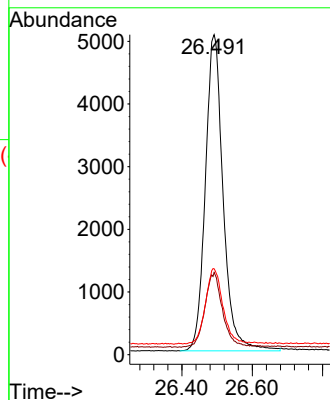
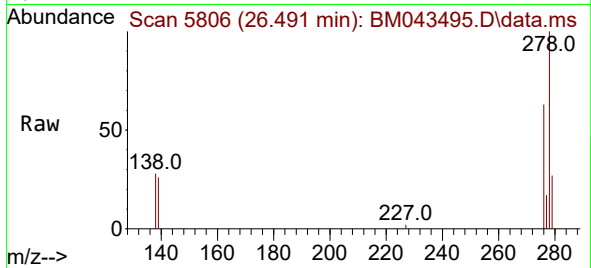




#28
 Dibenzo(a,h)anthracene
 Concen: 0.469 ng/ul
 RT: 26.491 min Scan# 5806
 Delta R.T. -0.007 min
 Lab File: BM043495.D
 Acq: 21 Dec 2023 10:28

Instrument :
 BNA_M
 ClientSampleId :

Tgt Ion:278 Resp: 17699
 Ion Ratio Lower Upper
 278 100
 139 25.7 17.4 26.2
 279 26.9 20.9 31.3



#29
 Benzo(g,h,i)perylene
 Concen: 0.460 ng/ul
 RT: 27.229 min Scan# 6026
 Delta R.T. -0.014 min
 Lab File: BM043495.D
 Acq: 21 Dec 2023 10:28

Tgt Ion:276 Resp: 18703
 Ion Ratio Lower Upper
 276 100
 138 32.8 23.1 34.7
 277 25.0 19.4 29.0

