

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM113023\
 Data File : BM043125.D
 Acq On : 01 Dec 2023 16:43
 Operator : MA/JU
 Sample : 05459-20DL 5X
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AA8DL

Quant Time: Dec 02 00:06:57 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM112423.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 02 00:03:38 2023
 Response via : Initial Calibration

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

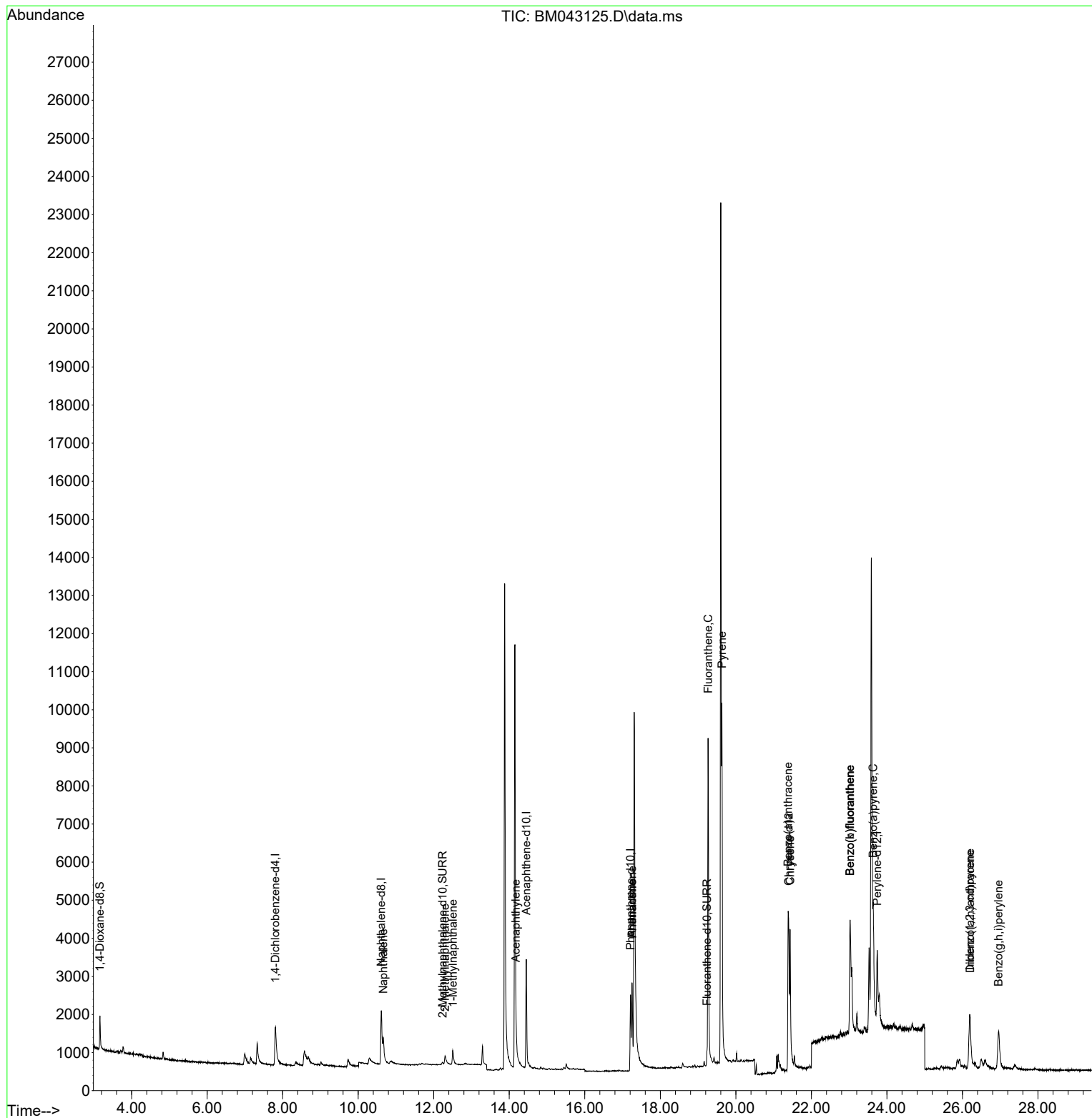
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.805	152	1148	0.400	ng/ul	#-0.03
4) Naphthalene-d8	10.611	136	3181	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.450	164	1728	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.212	188	3318	0.400	ng/ul	0.00
17) Chrysene-d12	21.400	240	2307	0.400	ng/ul	0.00
23) Perylene-d12	23.741	264	3647	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.160	96	649	0.368	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.233	152	211	0.050	ng/ul	0.00
18) Fluoranthene-d10	19.238	212	463	0.055	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.666	128	1256	0.145	ng/ul	97
7) 2-Methylnaphthalene	12.299	142	327	0.064	ng/ul	91
8) 1-Methylnaphthalene	12.508	142	390	0.069	ng/ul	97
10) Acenaphthylene	14.177	152	291	0.033	ng/ul#	59
15) Phenanthrene	17.250	178	3142	0.332	ng/ul	98
16) Anthracene	17.250	178	3135	0.349	ng/ul	94
19) Fluoranthene	19.266	202	9474	0.724	ng/ul#	92
20) Pyrene	19.633	202	8726	0.627	ng/ul#	93
21) Benzo(a)anthracene	21.386	228	4493	0.600	ng/ul	98
22) Chrysene	21.438	228	4170	0.299	ng/ul	99
24) Benzo(b)fluoranthene	23.025	252	5631	0.458	ng/ul	95
25) Benzo(k)fluoranthene	23.025	252	8799	0.519	ng/ul	96
26) Benzo(a)pyrene	23.636	252	3835	0.286	ng/ul#	86
27) Indeno(1,2,3-cd)pyrene	26.195	276	3529	0.194	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.205	278	727	0.052	ng/ul#	56
29) Benzo(g,h,i)perylene	26.960	276	2675	0.151	ng/ul	98

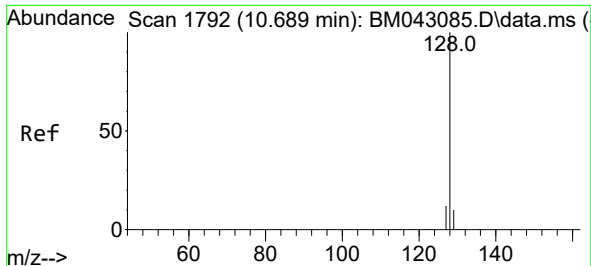
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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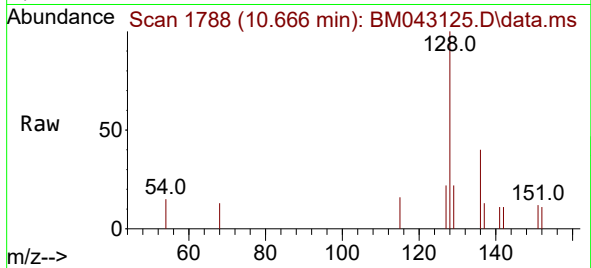
Quant Time: Dec 02 00:06:57 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM112423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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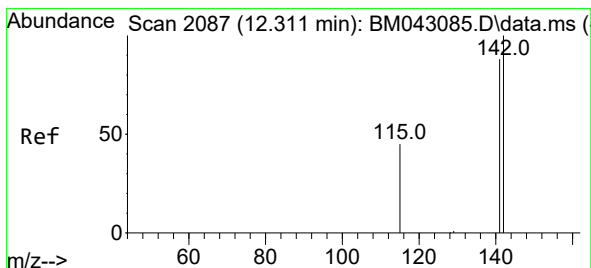
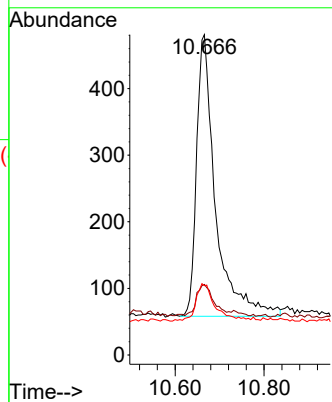
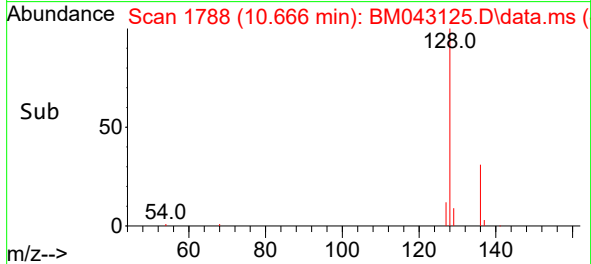


#5
Naphthalene
Concen: 0.145 ng/ul
RT: 10.666 min Scan# 1788
Delta R.T. -0.001 min
Lab File: BM043125.D
Acq: 01 Dec 2023 16:43

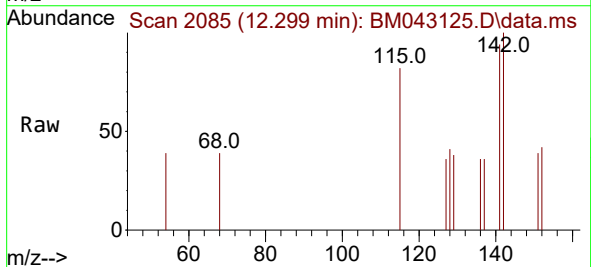
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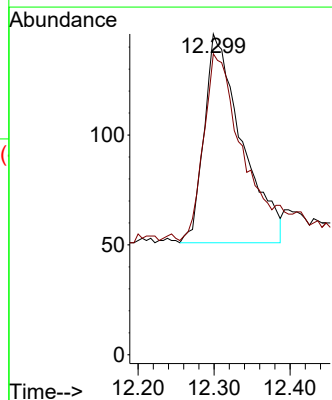
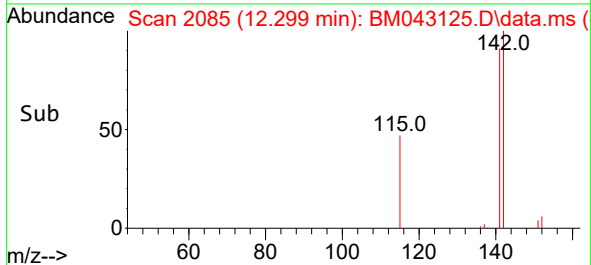
Tgt Ion:128 Resp: 1256
Ion Ratio Lower Upper
128 100
129 22.0 16.0 24.0
127 21.6 16.5 24.7

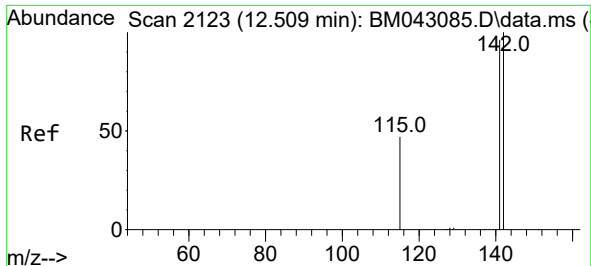


#7
2-Methylnaphthalene
Concen: 0.064 ng/ul
RT: 12.299 min Scan# 2085
Delta R.T. 0.004 min
Lab File: BM043125.D
Acq: 01 Dec 2023 16:43



Tgt Ion:142 Resp: 327
Ion Ratio Lower Upper
142 100
141 104.3 76.1 114.1

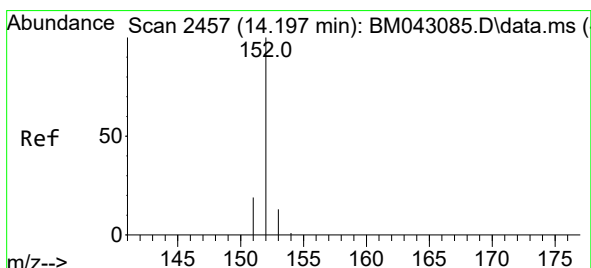
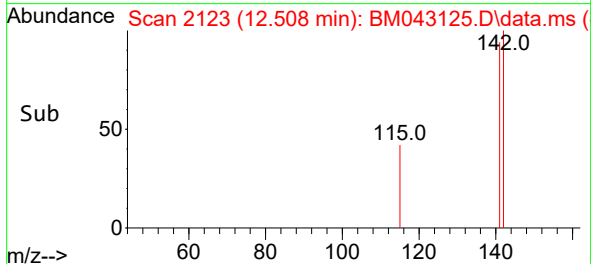
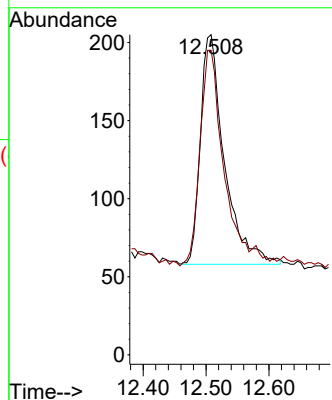
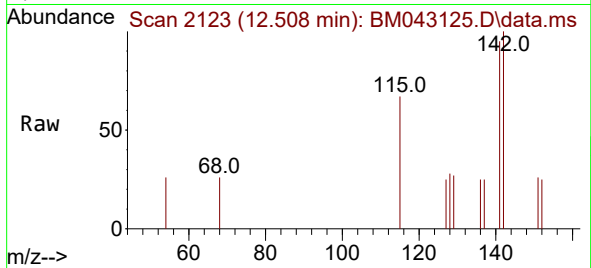




#8
1-Methylnaphthalene
Concen: 0.069 ng/ul
RT: 12.508 min Scan# 2123
Delta R.T. 0.010 min
Lab File: BM043125.D
Acq: 01 Dec 2023 16:43

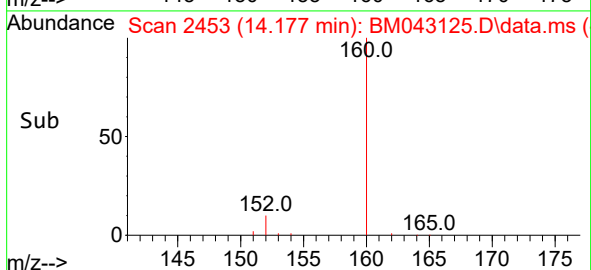
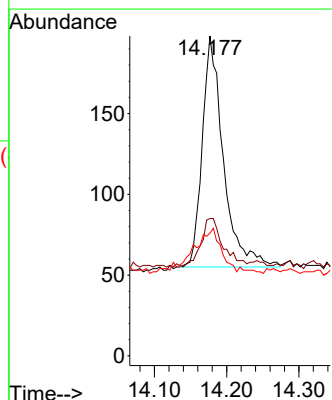
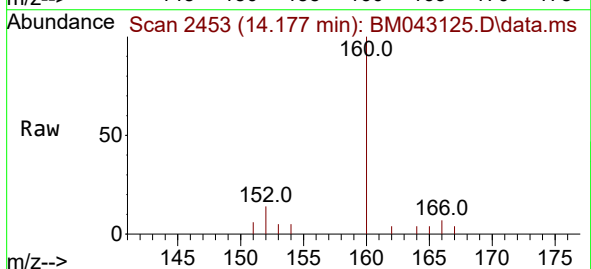
Instrument :
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ClientSampleId :
C0AA8DL

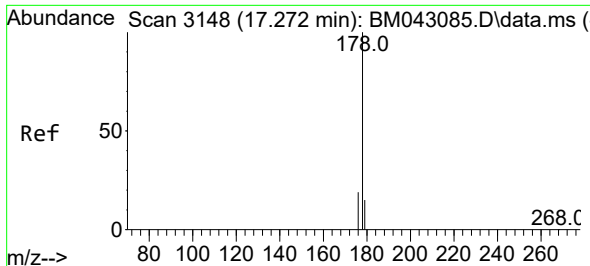
Tgt Ion:142 Resp: 390
Ion Ratio Lower Upper
142 100
141 94.9 73.8 110.8



#10
Acenaphthylene
Concen: 0.033 ng/ul
RT: 14.177 min Scan# 2453
Delta R.T. -0.006 min
Lab File: BM043125.D
Acq: 01 Dec 2023 16:43

Tgt Ion:152 Resp: 291
Ion Ratio Lower Upper
152 100
151 42.9 19.4 29.0#
153 38.4 14.6 21.8#

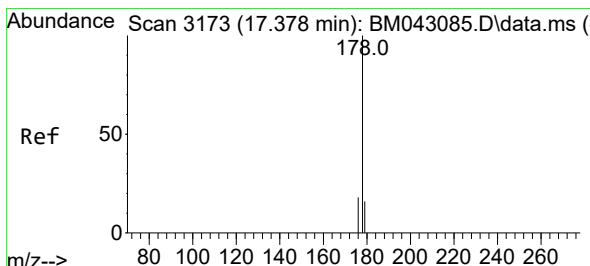
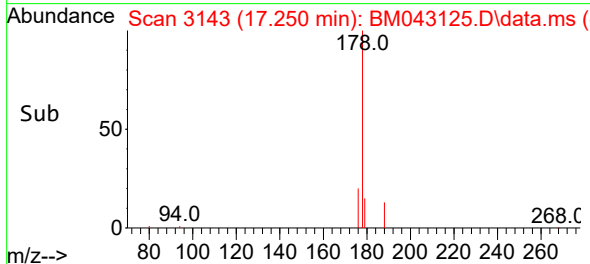
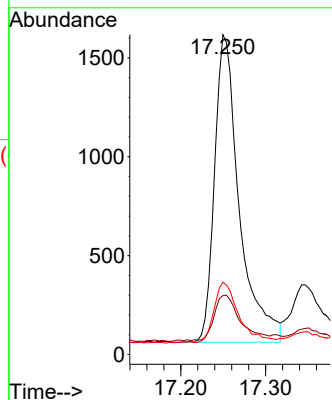
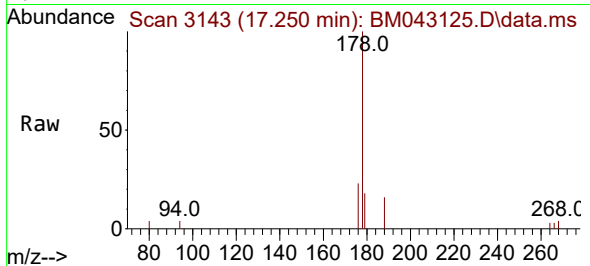




#15
Phenanthrene
Concen: 0.332 ng/ul
RT: 17.250 min Scan# 3142
Delta R.T. -0.010 min
Lab File: BM043125.D
Acq: 01 Dec 2023 16:43

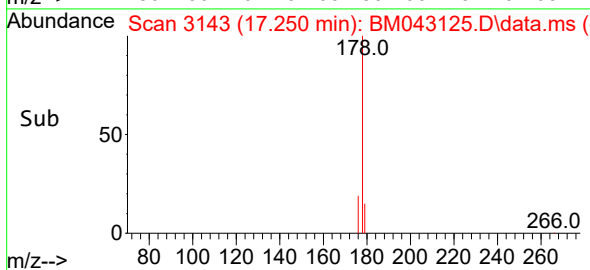
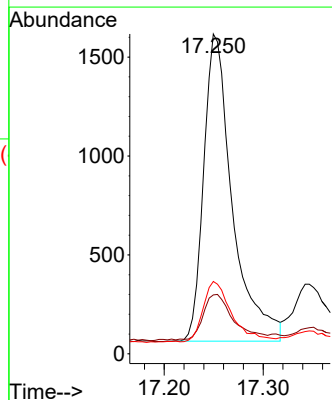
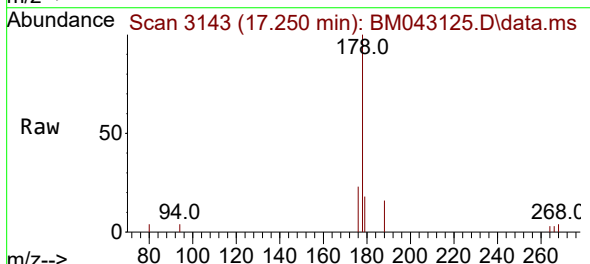
Instrument :
BNA_M
ClientSampleId :
C0AA8DL

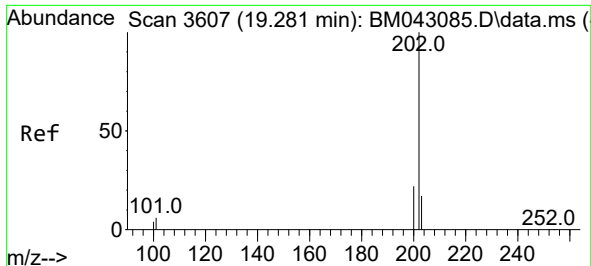
Tgt Ion:	178	Resp:	3142
Ion Ratio	Lower	Upper	
178	100		
179	18.4	15.7	23.5
176	22.6	18.9	28.3



#16
Anthracene
Concen: 0.349 ng/ul
RT: 17.250 min Scan# 3143
Delta R.T. -0.111 min
Lab File: BM043125.D
Acq: 01 Dec 2023 16:43

Tgt Ion:	178	Resp:	3135
Ion Ratio	Lower	Upper	
178	100		
179	18.4	17.3	25.9
176	22.6	20.5	30.7

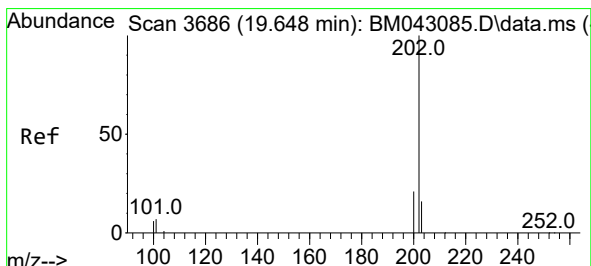
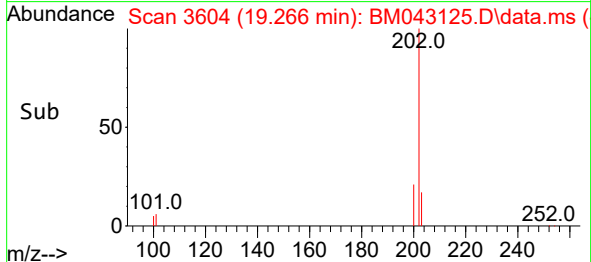
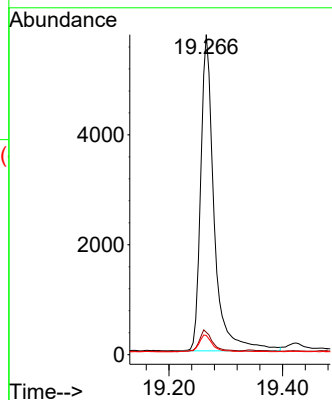
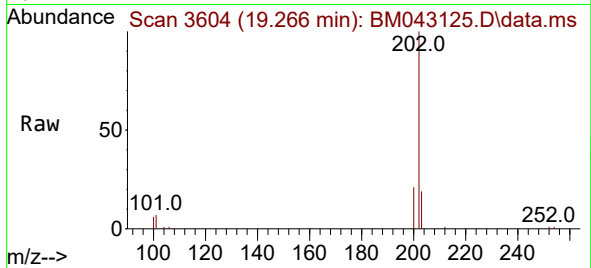




#19
Fluoranthene
Concen: 0.724 ng/ul
RT: 19.266 min Scan# 3604
Delta R.T. -0.006 min
Lab File: BM043125.D
Acq: 01 Dec 2023 16:43

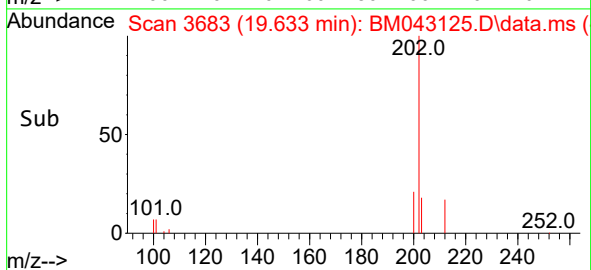
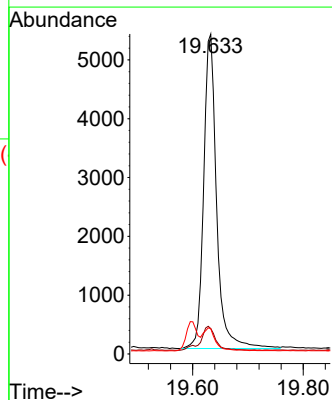
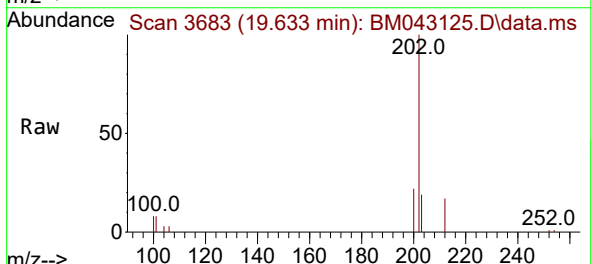
Instrument :
BNA_M
ClientSampleId :
C0AA8DL

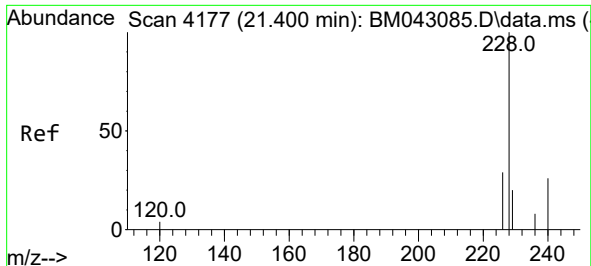
Tgt Ion:202 Resp: 9474
Ion Ratio Lower Upper
202 100
101 7.0 7.8 11.8#
100 6.0 7.1 10.7#



#20
Pyrene
Concen: 0.627 ng/ul
RT: 19.633 min Scan# 3683
Delta R.T. -0.006 min
Lab File: BM043125.D
Acq: 01 Dec 2023 16:43

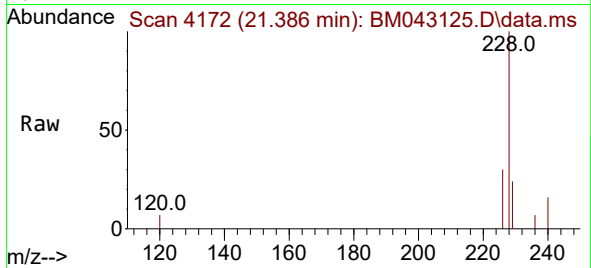
Tgt Ion:202 Resp: 8726
Ion Ratio Lower Upper
202 100
101 8.0 8.7 13.1#
100 7.9 7.8 11.8



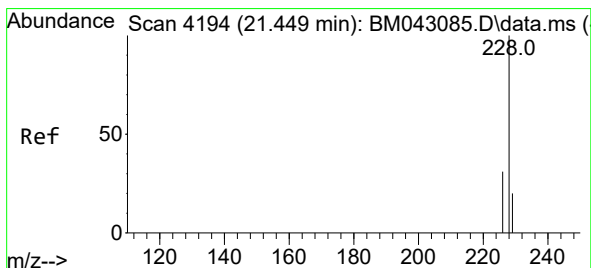
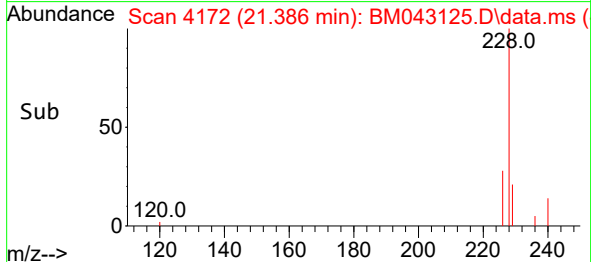
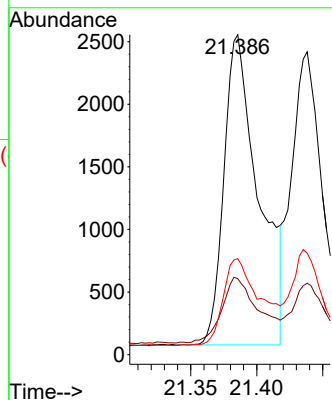


#21
Benzo(a)anthracene
Concen: 0.600 ng/ul
RT: 21.386 min Scan# 4172
Delta R.T. -0.003 min
Lab File: BM043125.D
Acq: 01 Dec 2023 16:43

Instrument :
BNA_M
ClientSampleId :
C0AA8DL

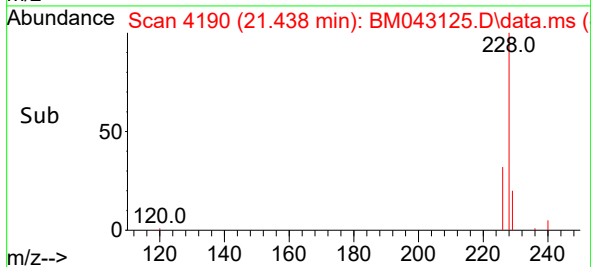
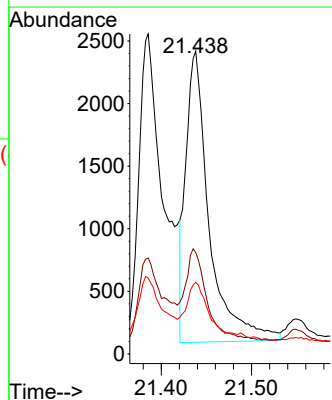
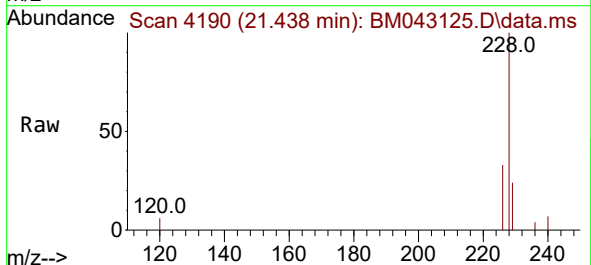


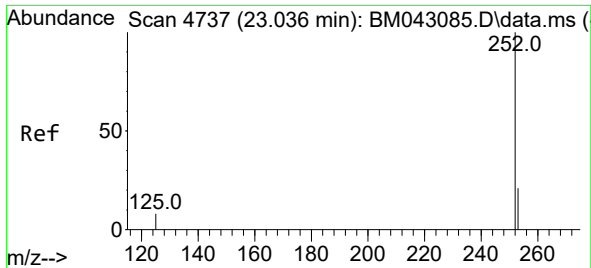
Tgt Ion:228 Resp: 4493
Ion Ratio Lower Upper
228 100
229 23.7 19.4 29.0
226 30.0 24.9 37.3



#22
Chrysene
Concen: 0.299 ng/ul
RT: 21.438 min Scan# 4190
Delta R.T. 0.000 min
Lab File: BM043125.D
Acq: 01 Dec 2023 16:43

Tgt Ion:228 Resp: 4170
Ion Ratio Lower Upper
228 100
226 33.5 27.2 40.8
229 23.6 18.0 27.0

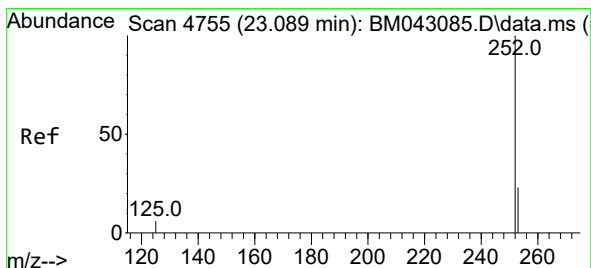
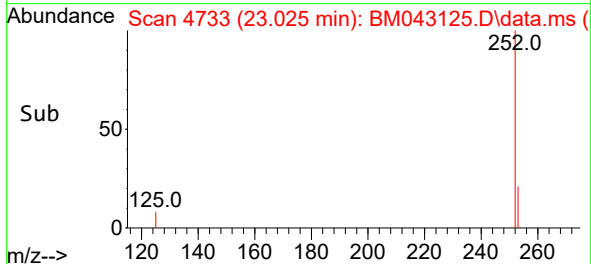
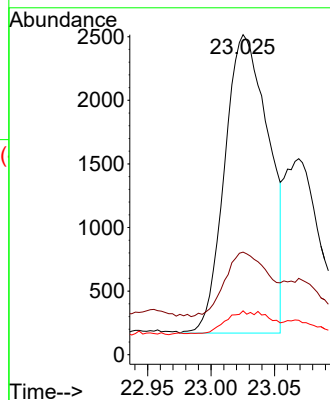
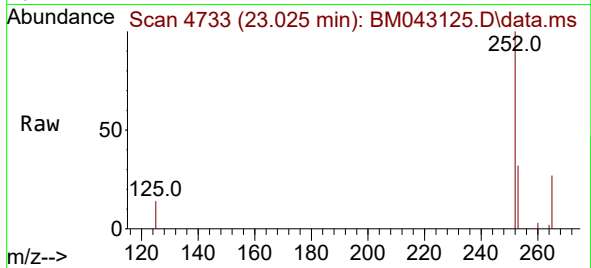




#24
Benzo(b)fluoranthene
Concen: 0.458 ng/ul
RT: 23.025 min Scan# 4733
Delta R.T. -0.003 min
Lab File: BM043125.D
Acq: 01 Dec 2023 16:43

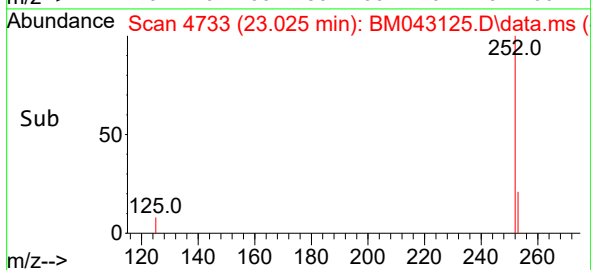
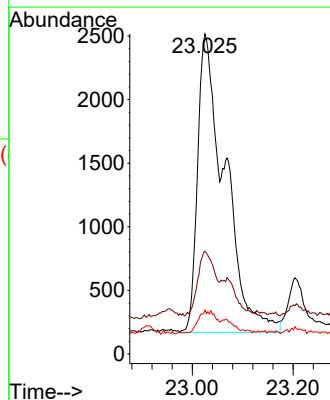
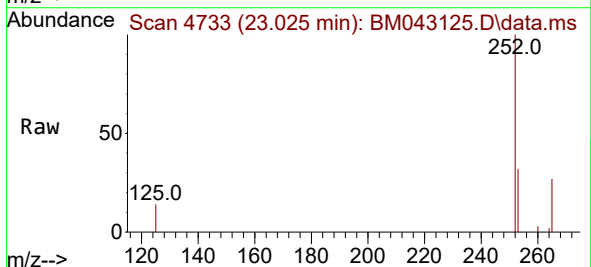
Instrument :
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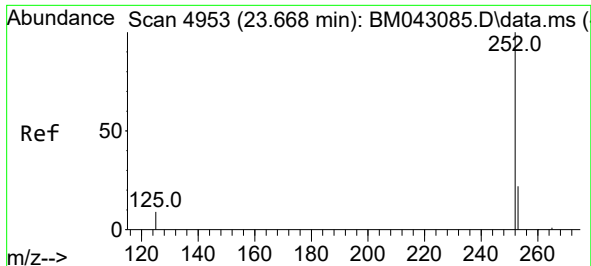
Tgt Ion:252	Resp:	5631
Ion Ratio	Lower	Upper
252	100	
253	32.1	0.0 71.8
125	13.7	0.0 29.0



#25
Benzo(k)fluoranthene
Concen: 0.519 ng/ul
RT: 23.025 min Scan# 4733
Delta R.T. -0.052 min
Lab File: BM043125.D
Acq: 01 Dec 2023 16:43

Tgt Ion:252	Resp:	8799
Ion Ratio	Lower	Upper
252	100	
253	32.1	28.2 42.2
125	13.7	11.0 16.6

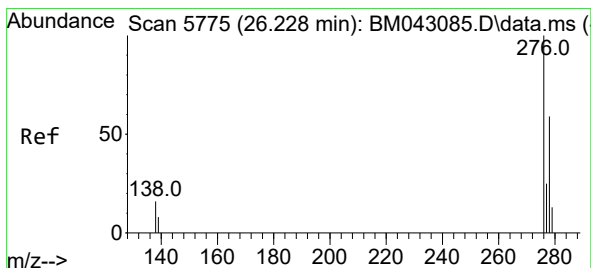
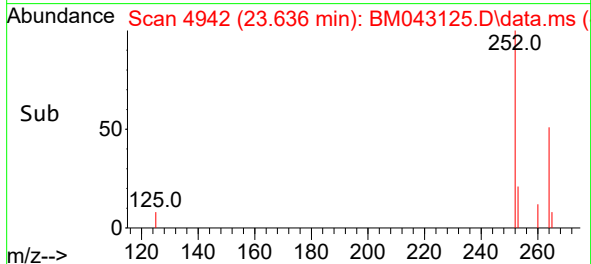
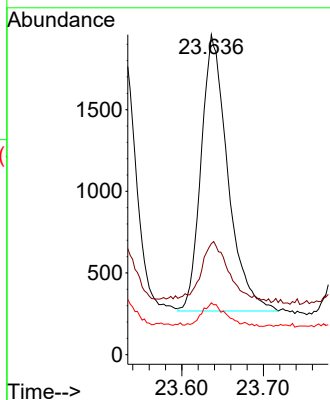
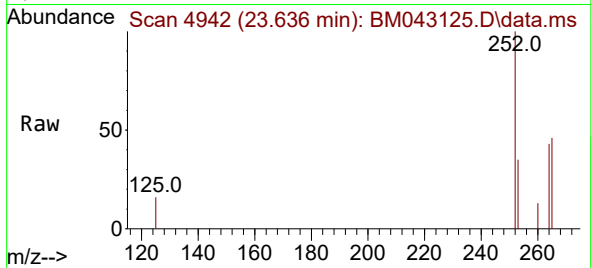




#26
Benzo(a)pyrene
Concen: 0.286 ng/ul
RT: 23.636 min Scan# 4953
Delta R.T. -0.014 min
Lab File: BM043125.D
Acq: 01 Dec 2023 16:43

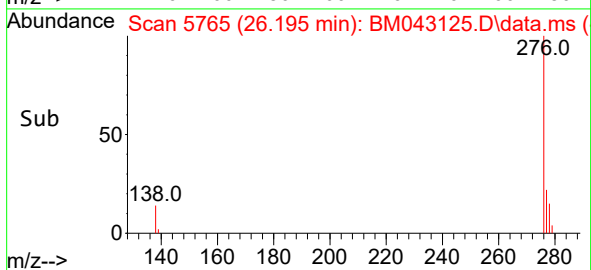
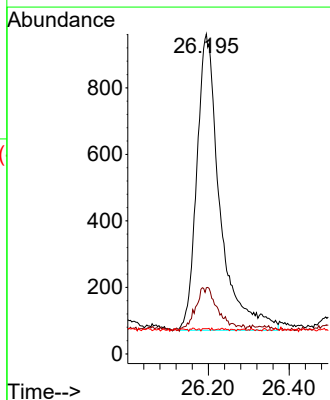
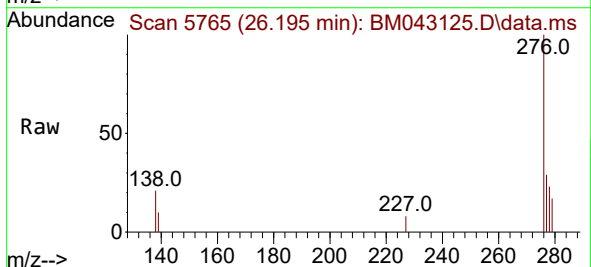
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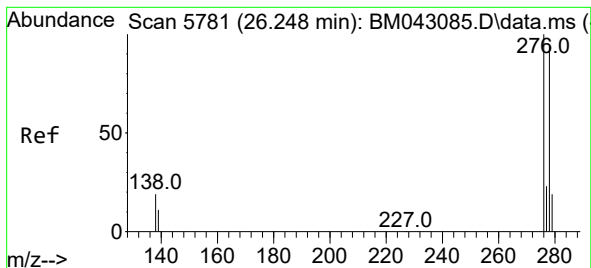
Tgt Ion:252 Resp: 3835
Ion Ratio Lower Upper
252 100
253 34.7 36.6 55.0#
125 16.2 16.2 24.4#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.194 ng/ul
RT: 26.195 min Scan# 5765
Delta R.T. -0.010 min
Lab File: BM043125.D
Acq: 01 Dec 2023 16:43

Tgt Ion:276 Resp: 3529
Ion Ratio Lower Upper
276 100
138 15.1 0.0 0.0#
227 0.3 0.2 0.2#





#28

Dibenzo(a,h)anthracene

Concen: 0.052 ng/ul

RT: 26.205 min Scan# 51

Delta R.T. -0.006 min

Lab File: BM043125.D

Acq: 01 Dec 2023 16:43

Instrument :

BNA_M

ClientSampleId :

C0AA8DL

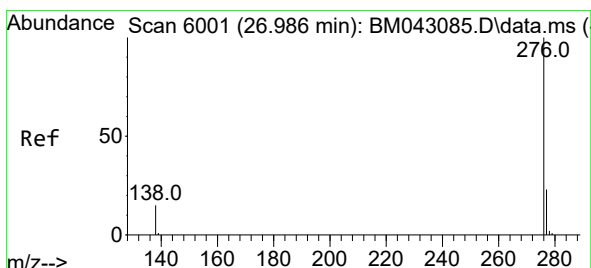
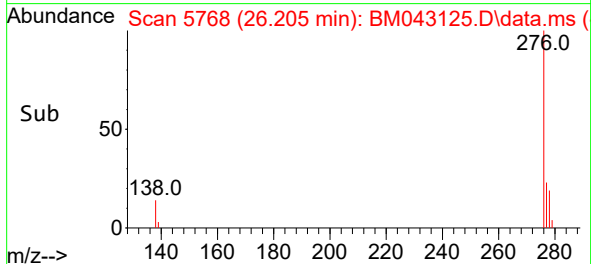
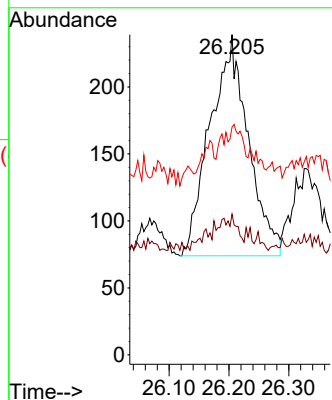
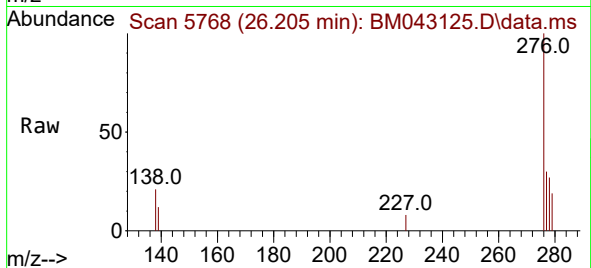
Tgt Ion:278 Resp: 727

Ion Ratio Lower Upper

278 100

139 43.9 18.1 27.1#

279 71.1 34.4 51.6#



#29

Benzo(g,h,i)perylene

Concen: 0.151 ng/ul

RT: 26.960 min Scan# 5993

Delta R.T. 0.000 min

Lab File: BM043125.D

Acq: 01 Dec 2023 16:43

Tgt Ion:276 Resp: 2675

Ion Ratio Lower Upper

276 100

138 22.9 17.8 26.8

277 31.0 23.8 35.8

