

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122223\
 Data File : BM043562.D
 Acq On : 23 Dec 2023 06:27
 Operator : MA/JU
 Sample : PB157970BS
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS970

Quant Time: Dec 25 00:24:02 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

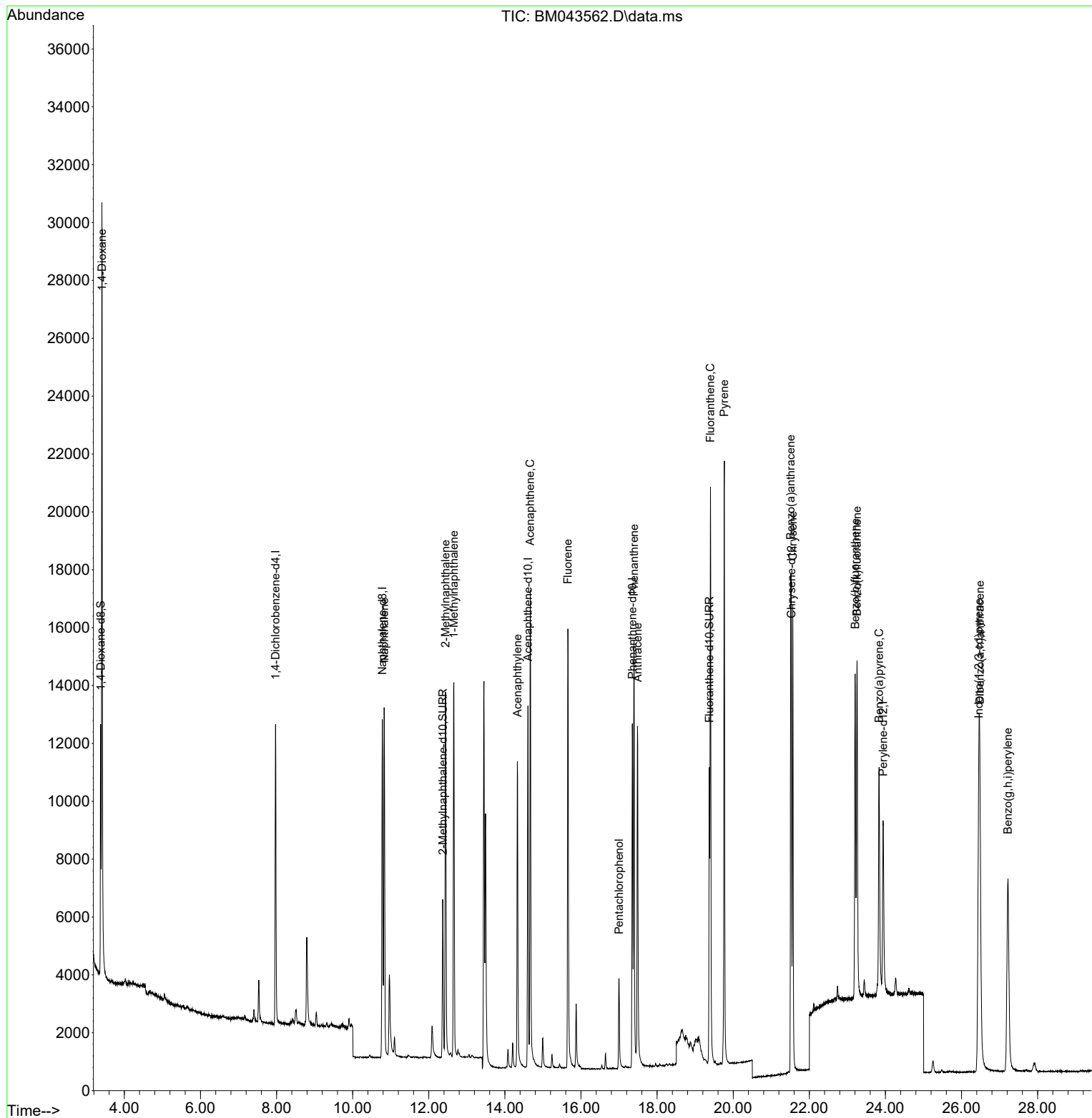
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.975	152	5453	0.400	ng/ul	0.00
4) Naphthalene-d8	10.779	136	16469	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.606	164	7354	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.350	188	14544	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.527	240	9059	0.400	ng/ul	#-0.01
23) Perylene-d12	23.938	264	9527	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.381	96	5220	0.758	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.368	152	7700	0.330	ng/ul	-0.01
18) Fluoranthene-d10	19.371	212	10967	0.339	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.410	88	16401	2.374	ng/ul#	80
5) Naphthalene	10.828	128	17210	0.348	ng/ul	99
7) 2-Methylnaphthalene	12.440	142	10112	0.317	ng/ul	99
8) 1-Methylnaphthalene	12.660	142	9727	0.303	ng/ul	100
10) Acenaphthylene	14.328	152	14080	0.348	ng/ul	99
11) Acenaphthene	14.666	153	10366	0.352	ng/ul	98
12) Fluorene	15.656	166	11229	0.336	ng/ul	100
14) Pentachlorophenol	16.999	266	2479	0.769	ng/ul	100
15) Phenanthrene	17.392	178	17100	0.353	ng/ul	99
16) Anthracene	17.485	178	15856	0.360	ng/ul	98
19) Fluoranthene	19.403	202	17517	0.343	ng/ul#	92
20) Pyrene	19.766	202	17918	0.353	ng/ul	96
21) Benzo(a)anthracene	21.512	228	14151	0.356	ng/ul	99
22) Chrysene	21.565	228	15454	0.368	ng/ul	100
24) Benzo(b)fluoranthene	23.205	252	15754	0.364	ng/ul	92
25) Benzo(k)fluoranthene	23.254	252	16577	0.370	ng/ul#	91
26) Benzo(a)pyrene	23.833	252	13902	0.390	ng/ul#	90
27) Indeno(1,2,3-cd)pyrene	26.451	276	19715	0.485	ng/ul#	93
28) Dibenzo(a,h)anthracene	26.481	278	15850	0.492	ng/ul	93
29) Benzo(g,h,i)perylene	27.219	276	16477	0.475	ng/ul	97

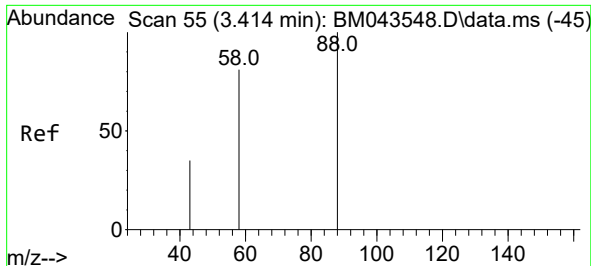
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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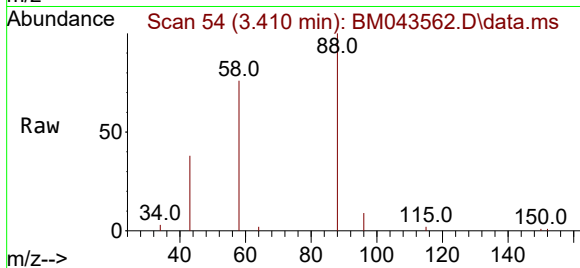
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 19 23:32:46 2023
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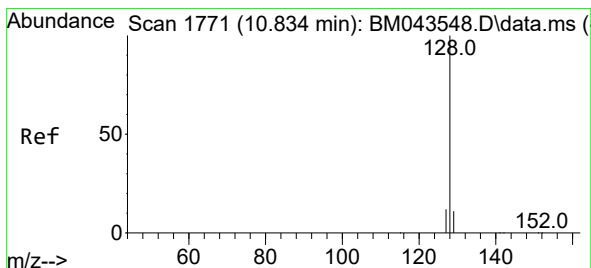
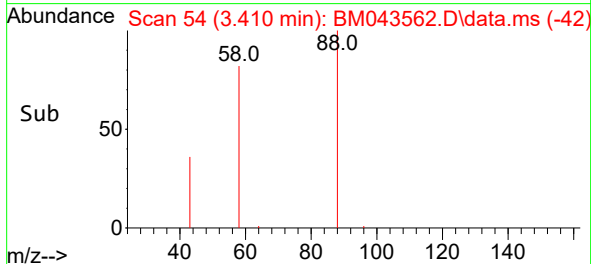
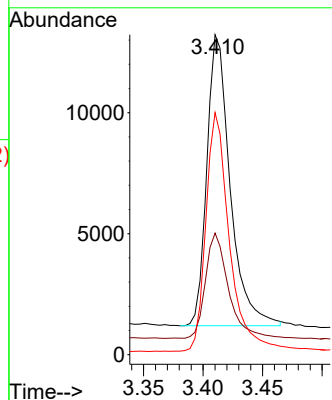


#2
1,4-Dioxane
Concen: 2.374 ng/ul
RT: 3.410 min Scan# 54
Delta R.T. -0.009 min
Lab File: BM043562.D
Acq: 23 Dec 2023 06:27

Instrument :
BNA_M
ClientSampleId :
SLCS970

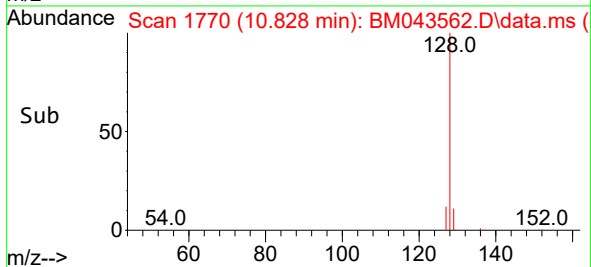
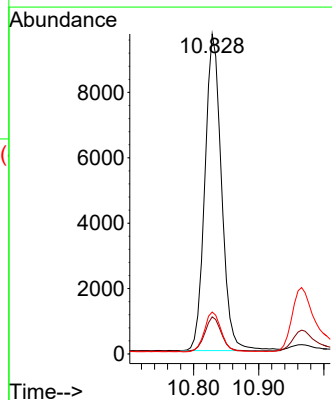
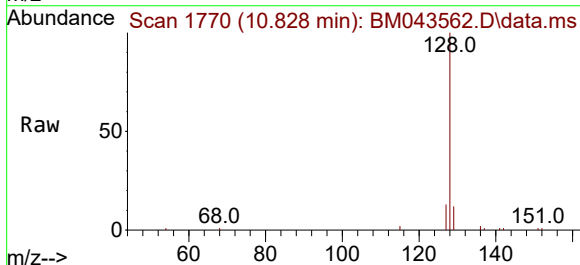


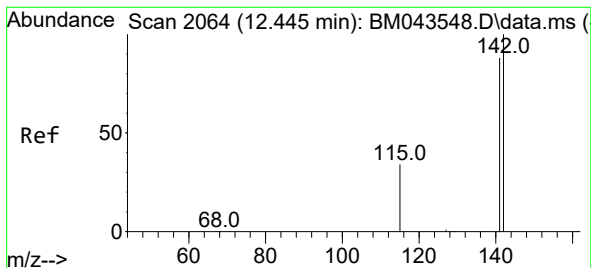
Tgt Ion: 88 Resp: 16401
Ion Ratio Lower Upper
88 100
43 38.0 27.9 41.9
58 75.7 43.4 65.2#



#5
Naphthalene
Concen: 0.348 ng/ul
RT: 10.828 min Scan# 1770
Delta R.T. -0.011 min
Lab File: BM043562.D
Acq: 23 Dec 2023 06:27

Tgt Ion: 128 Resp: 17210
Ion Ratio Lower Upper
128 100
129 11.6 9.0 13.4
127 13.1 10.3 15.5





#7

2-Methylnaphthalene

Concen: 0.317 ng/ul

RT: 12.440 min Scan# 2064

Delta R.T. -0.011 min

Lab File: BM043562.D

Acq: 23 Dec 2023 06:27

Instrument :

BNA_M

ClientSampleId :

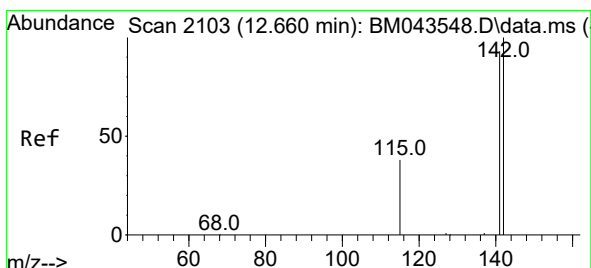
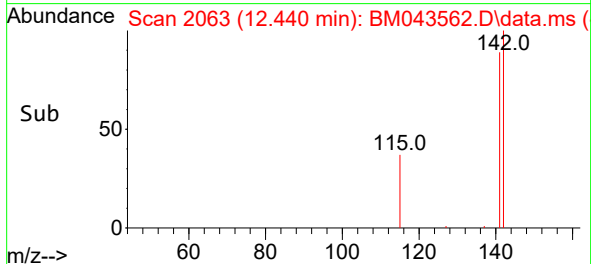
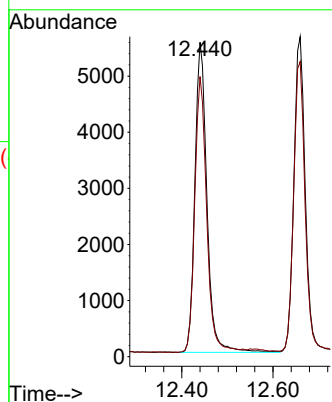
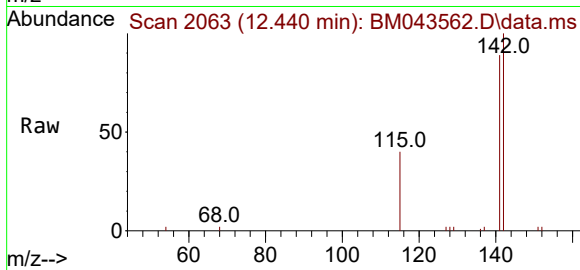
SLCS970

Tgt Ion:142 Resp: 10112

Ion Ratio Lower Upper

142 100

141 88.1 70.9 106.3



#8

1-Methylnaphthalene

Concen: 0.303 ng/ul

RT: 12.660 min Scan# 2103

Delta R.T. -0.006 min

Lab File: BM043562.D

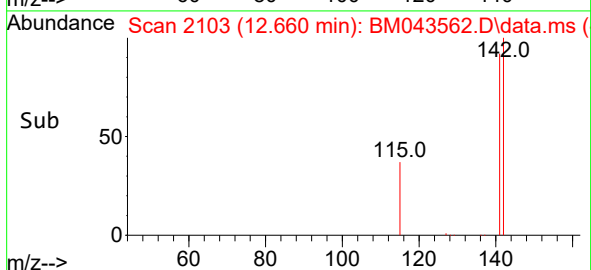
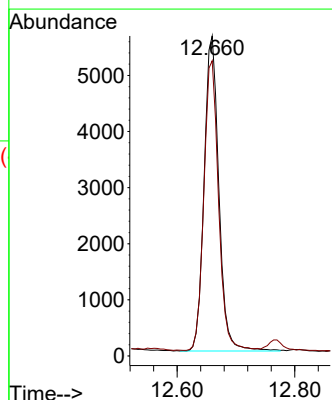
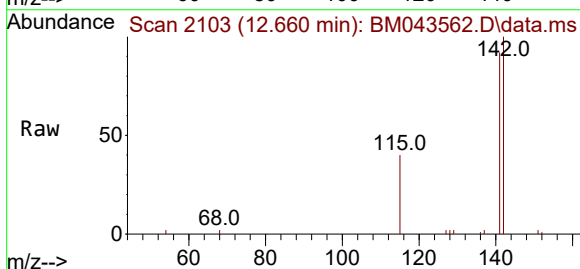
Acq: 23 Dec 2023 06:27

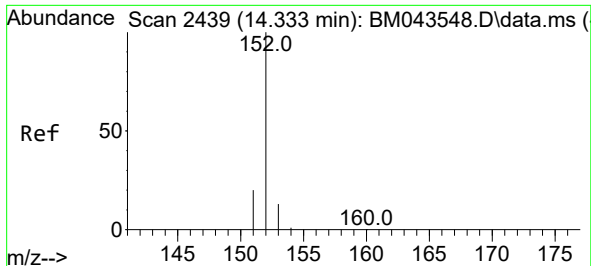
Tgt Ion:142 Resp: 9727

Ion Ratio Lower Upper

142 100

141 92.0 73.7 110.5

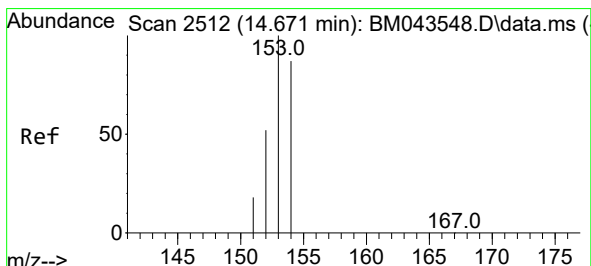
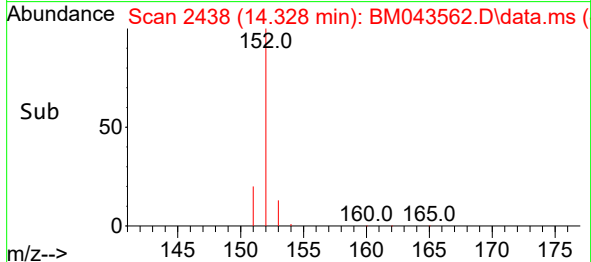
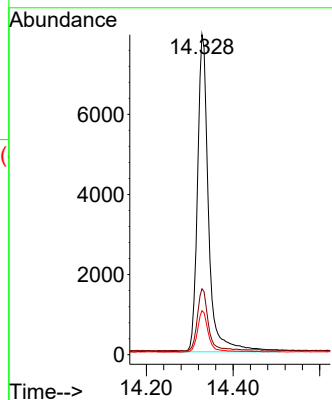
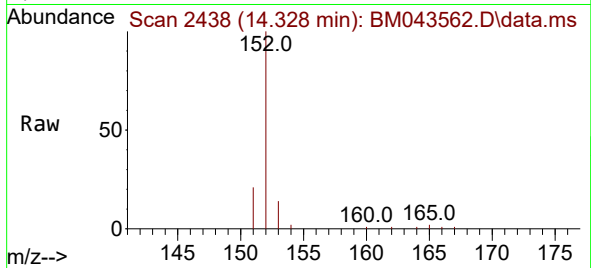




#10
Acenaphthylene
Concen: 0.348 ng/ul
RT: 14.328 min Scan# 2438
Delta R.T. -0.009 min
Lab File: BM043562.D
Acq: 23 Dec 2023 06:27

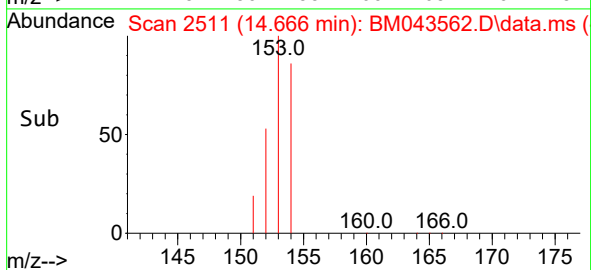
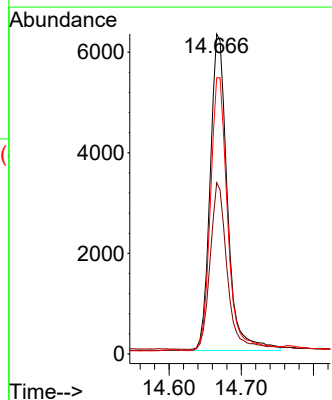
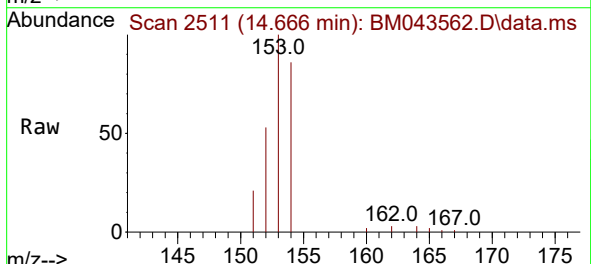
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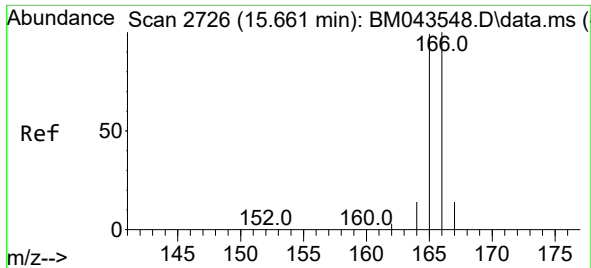
Tgt Ion:152 Resp: 14080
Ion Ratio Lower Upper
152 100
151 20.6 16.2 24.2
153 13.8 10.4 15.6



#11
Acenaphthene
Concen: 0.352 ng/ul
RT: 14.666 min Scan# 2511
Delta R.T. -0.014 min
Lab File: BM043562.D
Acq: 23 Dec 2023 06:27

Tgt Ion:153 Resp: 10366
Ion Ratio Lower Upper
153 100
152 53.5 42.1 63.1
154 86.3 71.3 106.9

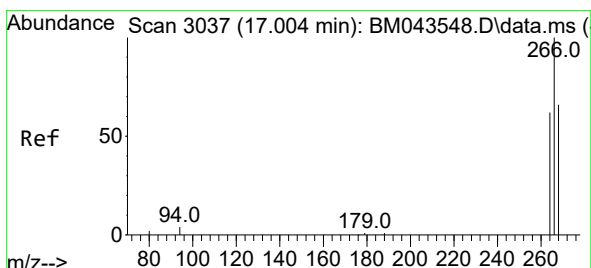
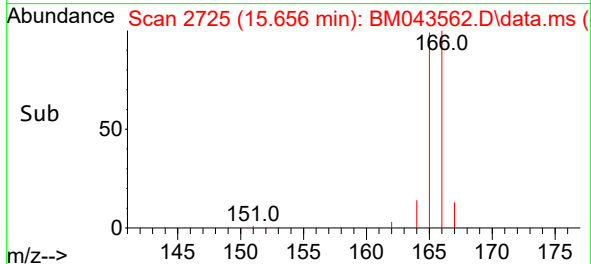
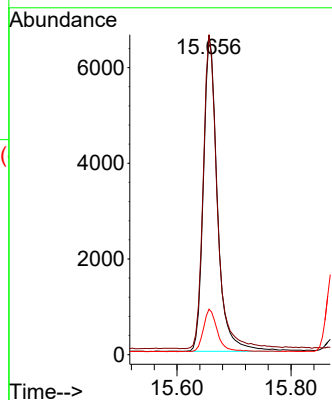
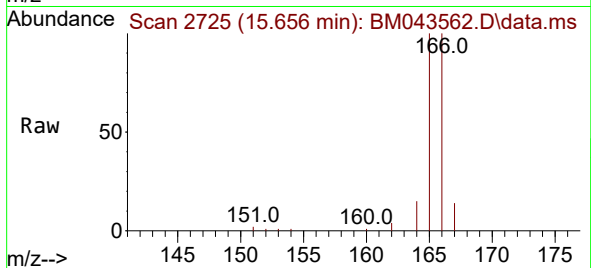




#12
Fluorene
Concen: 0.336 ng/ul
RT: 15.656 min Scan# 21
Delta R.T. -0.009 min
Lab File: BM043562.D
Acq: 23 Dec 2023 06:27

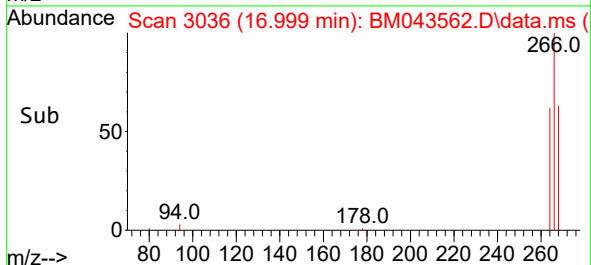
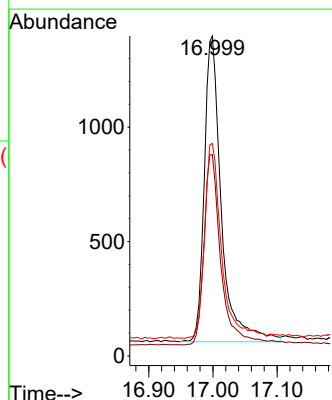
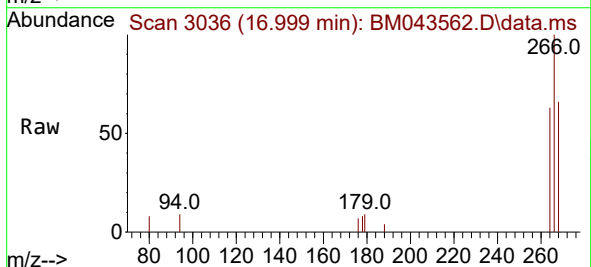
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ClientSampleId :
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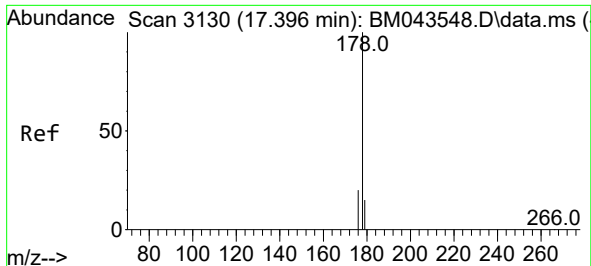
Tgt Ion:166 Resp: 11229
Ion Ratio Lower Upper
166 100
165 100.2 80.3 120.5
167 14.3 10.8 16.2



#14
Pentachlorophenol
Concen: 0.769 ng/ul
RT: 16.999 min Scan# 3036
Delta R.T. -0.009 min
Lab File: BM043562.D
Acq: 23 Dec 2023 06:27

Tgt Ion:266 Resp: 2479
Ion Ratio Lower Upper
266 100
264 64.1 51.7 77.5
268 65.0 51.9 77.9

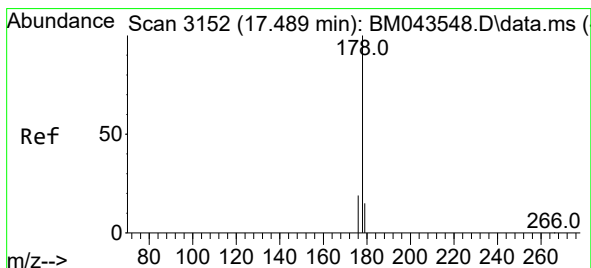
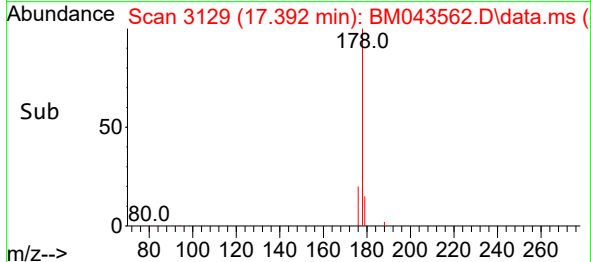
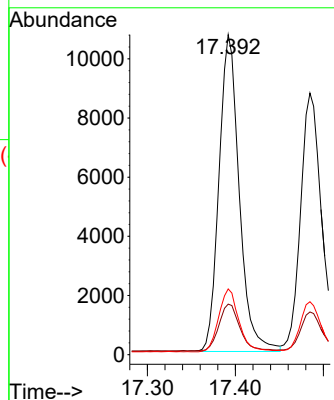
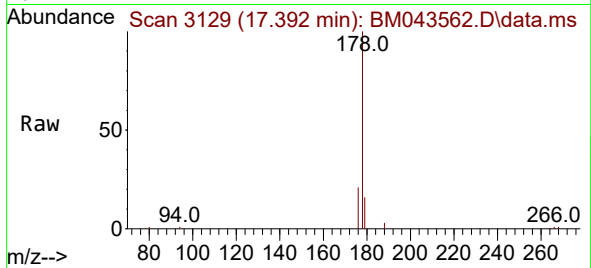




#15
Phenanthrene
Concen: 0.353 ng/ul
RT: 17.392 min Scan# 311
Delta R.T. -0.009 min
Lab File: BM043562.D
Acq: 23 Dec 2023 06:27

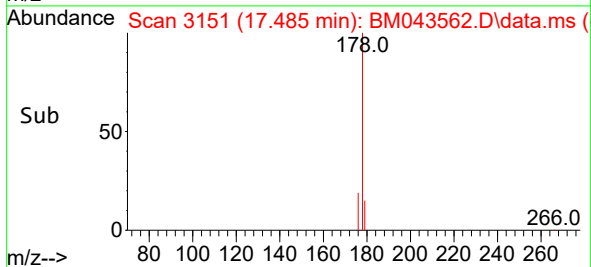
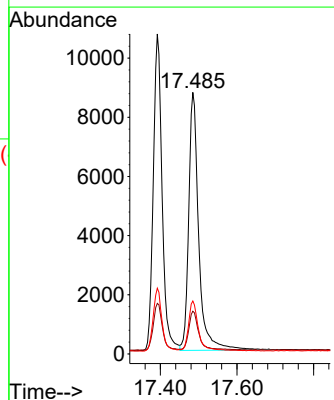
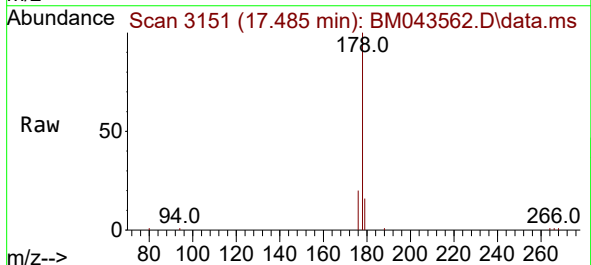
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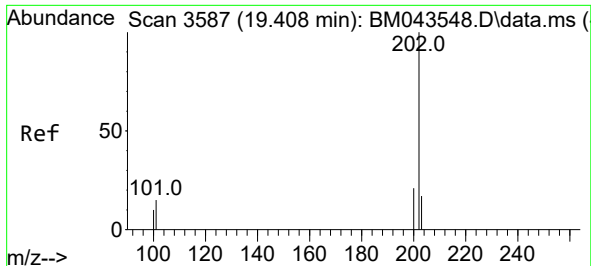
Tgt Ion:178 Resp: 17100
Ion Ratio Lower Upper
178 100
179 15.8 12.4 18.6
176 20.6 16.2 24.2



#16
Anthracene
Concen: 0.360 ng/ul
RT: 17.485 min Scan# 3151
Delta R.T. -0.009 min
Lab File: BM043562.D
Acq: 23 Dec 2023 06:27

Tgt Ion:178 Resp: 15856
Ion Ratio Lower Upper
178 100
179 16.4 12.6 18.8
176 20.2 15.6 23.4

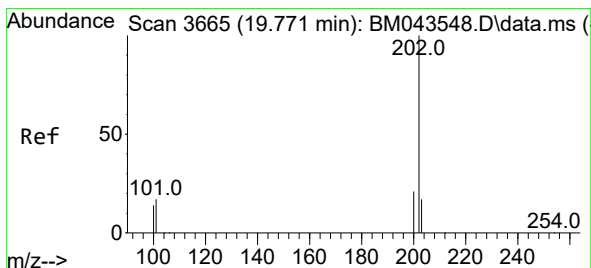
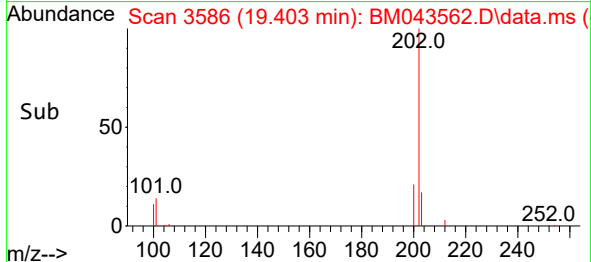
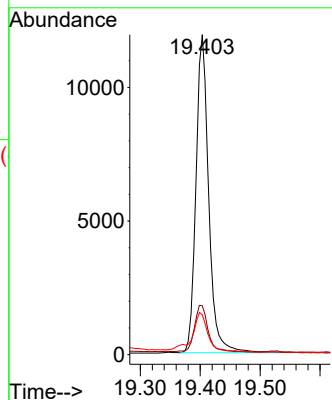
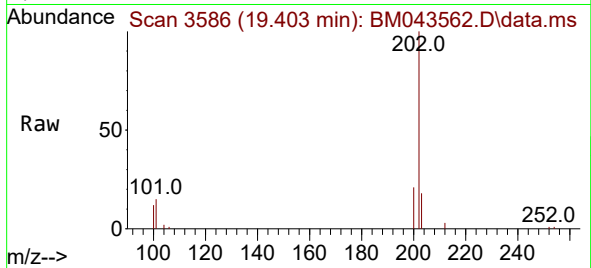




#19
Fluoranthene
Concen: 0.343 ng/ul
RT: 19.403 min Scan# 3586
Delta R.T. -0.009 min
Lab File: BM043562.D
Acq: 23 Dec 2023 06:27

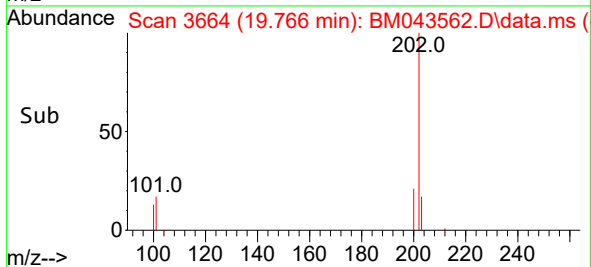
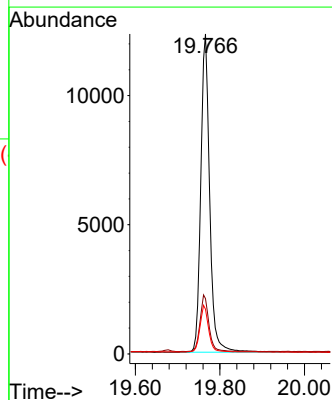
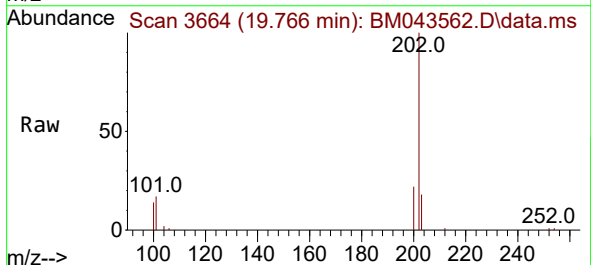
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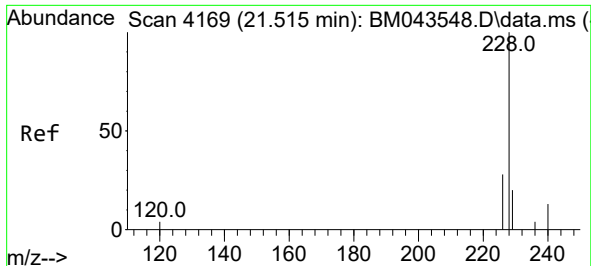
Tgt Ion:202 Resp: 17517
Ion Ratio Lower Upper
202 100
101 15.3 10.1 15.1#
100 12.4 7.4 11.2#



#20
Pyrene
Concen: 0.353 ng/ul
RT: 19.766 min Scan# 3664
Delta R.T. -0.009 min
Lab File: BM043562.D
Acq: 23 Dec 2023 06:27

Tgt Ion:202 Resp: 17918
Ion Ratio Lower Upper
202 100
101 17.3 12.7 19.1
100 14.0 9.8 14.8

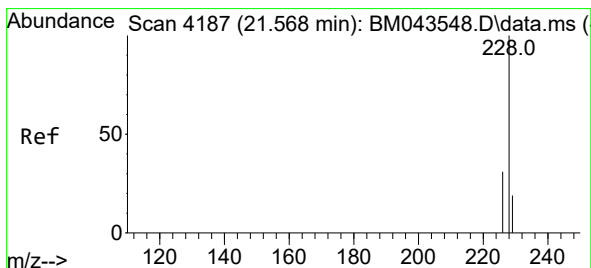
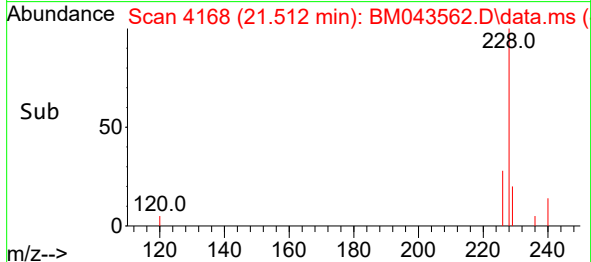
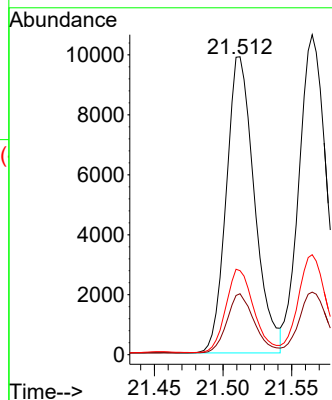
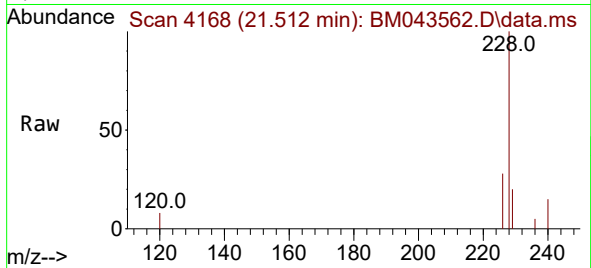




#21
Benzo(a)anthracene
Concen: 0.356 ng/ul
RT: 21.512 min Scan# 4168
Delta R.T. -0.009 min
Lab File: BM043562.D
Acq: 23 Dec 2023 06:27

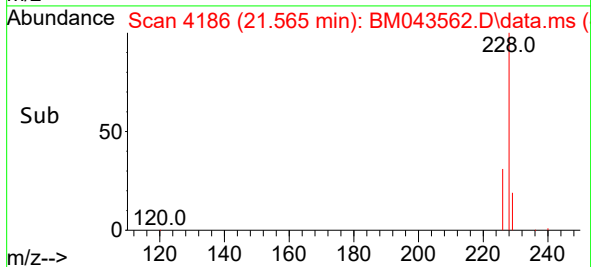
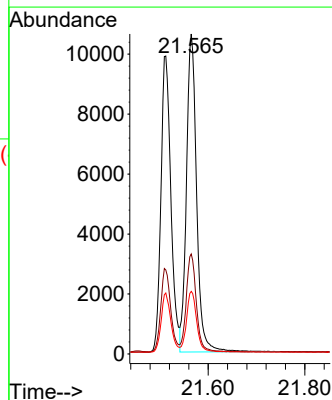
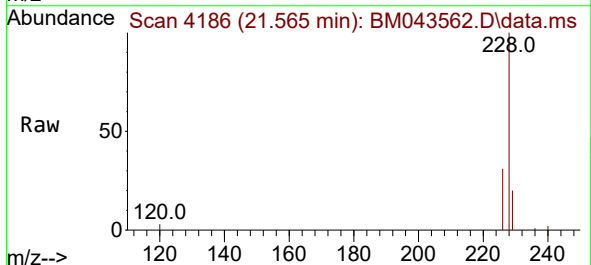
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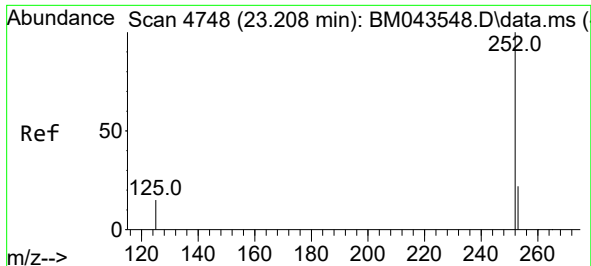
Tgt Ion:228	Resp:	14151
Ion Ratio	Lower	Upper
228	100	
229	20.5	15.5 23.3
226	28.2	22.6 34.0



#22
Chrysene
Concen: 0.368 ng/ul
RT: 21.565 min Scan# 4186
Delta R.T. -0.009 min
Lab File: BM043562.D
Acq: 23 Dec 2023 06:27

Tgt Ion:228	Resp:	15454
Ion Ratio	Lower	Upper
228	100	
226	31.2	24.8 37.2
229	19.6	15.7 23.5

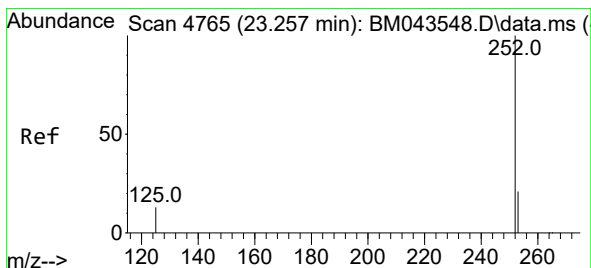
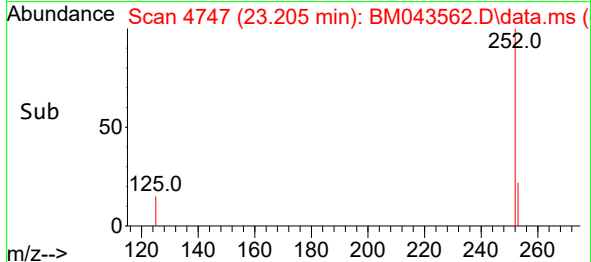
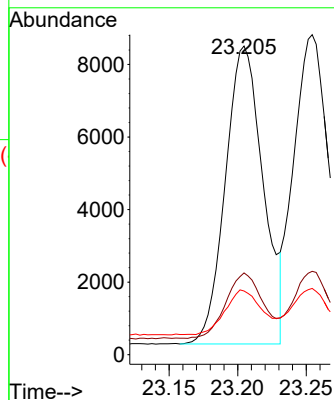
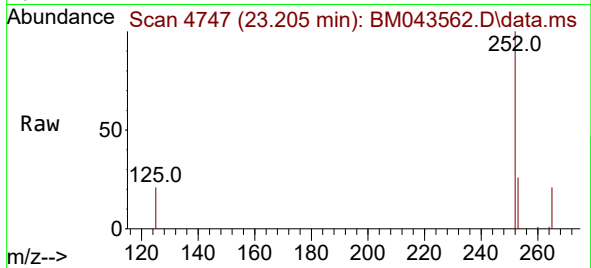




#24
Benzo(b)fluoranthene
Concen: 0.364 ng/ul
RT: 23.205 min Scan# 4747
Delta R.T. -0.012 min
Lab File: BM043562.D
Acq: 23 Dec 2023 06:27

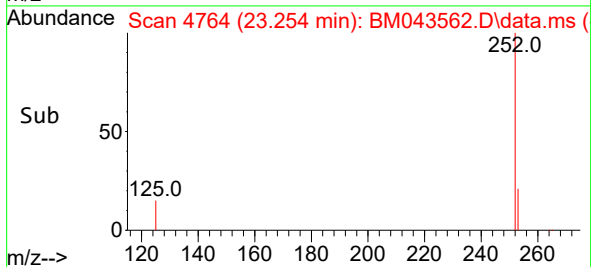
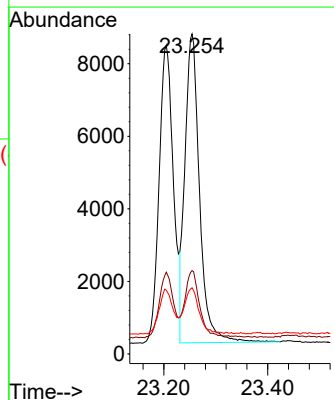
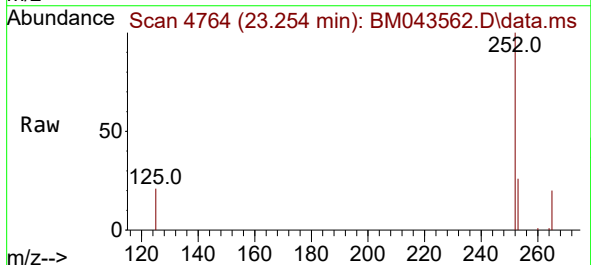
Instrument :
BNA_M
ClientSampleId :
SLCS970

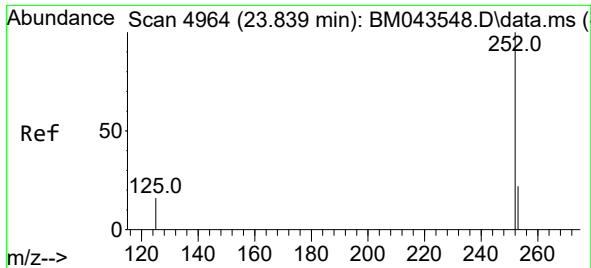
Tgt Ion:252 Resp: 15754
Ion Ratio Lower Upper
252 100
253 26.5 0.0 48.8
125 20.6 0.0 29.2



#25
Benzo(k)fluoranthene
Concen: 0.370 ng/ul
RT: 23.254 min Scan# 4764
Delta R.T. -0.012 min
Lab File: BM043562.D
Acq: 23 Dec 2023 06:27

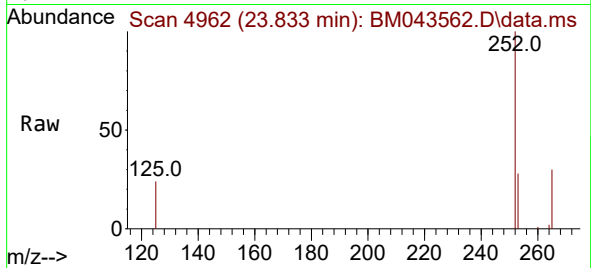
Tgt Ion:252 Resp: 16577
Ion Ratio Lower Upper
252 100
253 26.0 18.6 28.0
125 20.7 11.8 17.8#



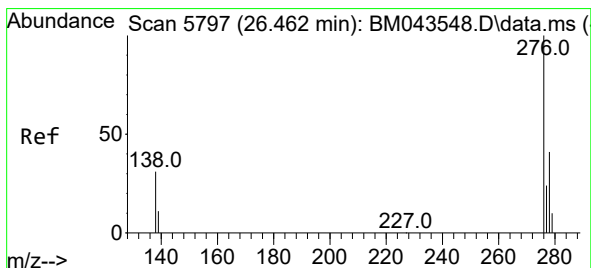
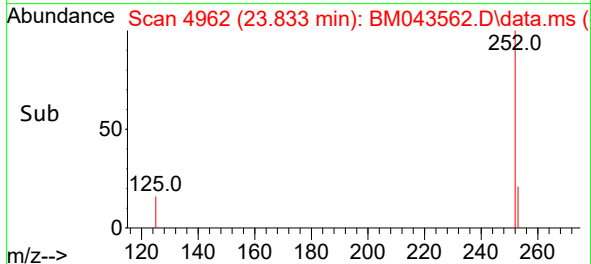
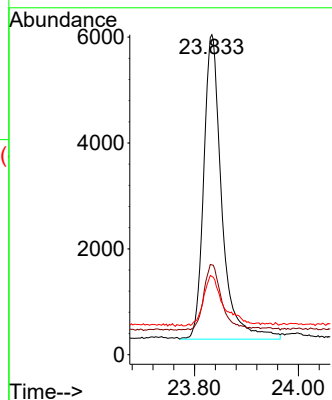


#26
Benzo(a)pyrene
Concen: 0.390 ng/ul
RT: 23.833 min Scan# 4962
Delta R.T. -0.015 min
Lab File: BM043562.D
Acq: 23 Dec 2023 06:27

Instrument :
BNA_M
ClientSampleId :
SLCS970

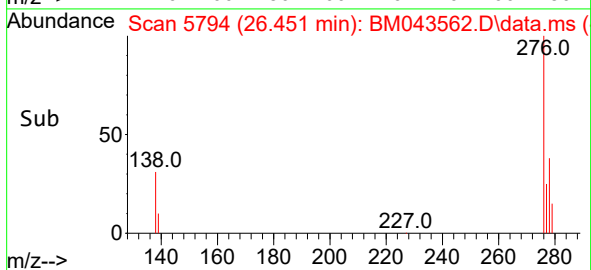
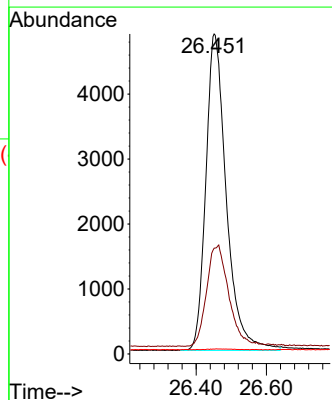
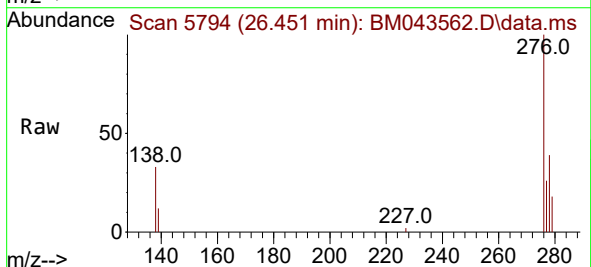


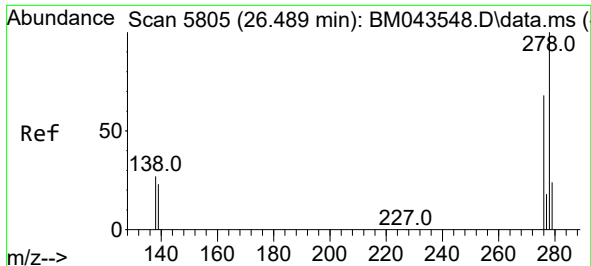
Tgt Ion:252 Resp: 13902
Ion Ratio Lower Upper
252 100
253 28.1 20.2 30.2
125 24.4 13.5 20.3#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.485 ng/ul
RT: 26.451 min Scan# 5794
Delta R.T. -0.024 min
Lab File: BM043562.D
Acq: 23 Dec 2023 06:27

Tgt Ion:276 Resp: 19715
Ion Ratio Lower Upper
276 100
138 34.7 24.6 36.8
227 0.2 0.0 0.0#





#28

Dibenzo(a,h)anthracene

Concen: 0.492 ng/ul

RT: 26.481 min Scan# 5805

Delta R.T. -0.017 min

Lab File: BM043562.D

Acq: 23 Dec 2023 06:27

Instrument :

BNA_M

ClientSampleId :

SLCS970

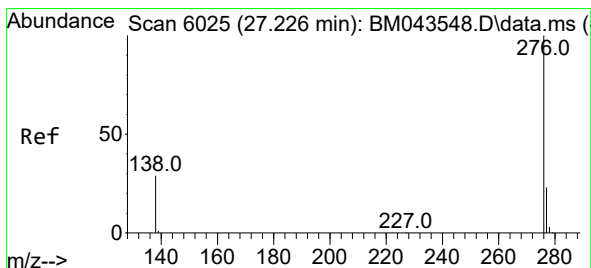
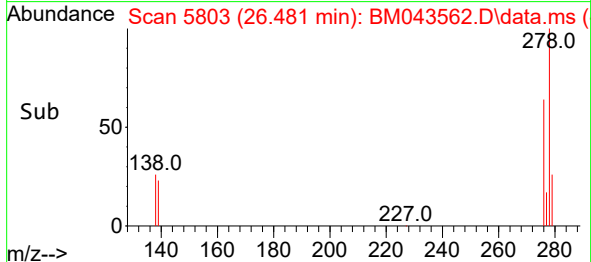
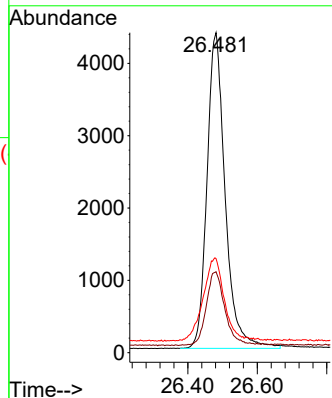
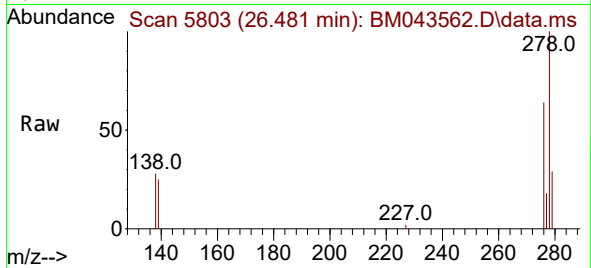
Tgt Ion:278 Resp: 15850

Ion Ratio Lower Upper

278 100

139 25.3 17.4 26.2

279 29.4 20.9 31.3



#29

Benzo(g,h,i)perylene

Concen: 0.475 ng/ul

RT: 27.219 min Scan# 6023

Delta R.T. -0.024 min

Lab File: BM043562.D

Acq: 23 Dec 2023 06:27

Tgt Ion:276 Resp: 16477

Ion Ratio Lower Upper

276 100

138 31.4 23.1 34.7

277 24.6 19.4 29.0

