

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122623\
 Data File : BM043610.D
 Acq On : 27 Dec 2023 15:56
 Operator : MA/JU
 Sample : PB158069BS
 Misc :
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS069

Quant Time: Dec 27 21:42:12 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 26 22:58:31 2023
 Response via : Initial Calibration

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

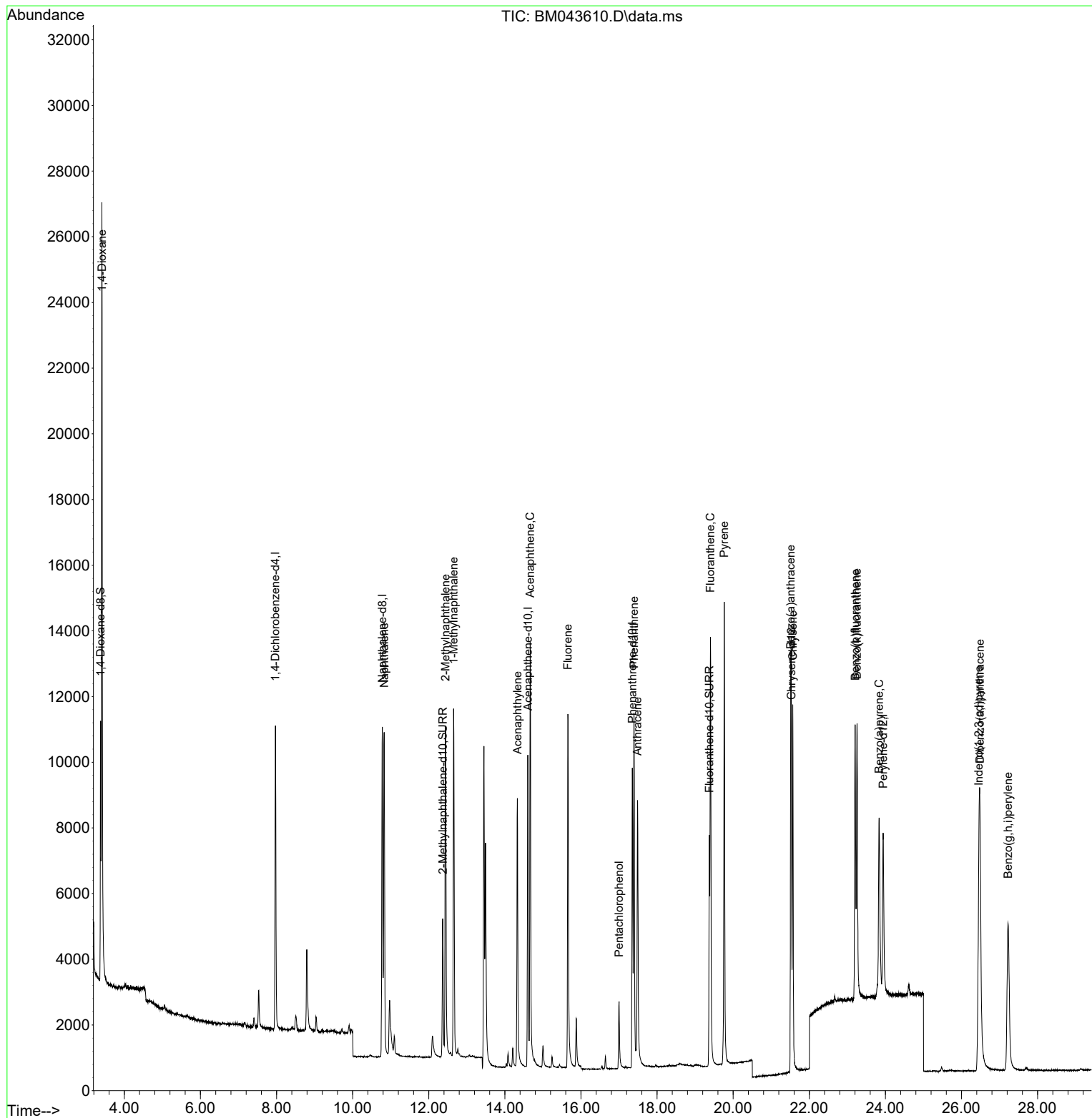
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.971	152	4944	0.400	ng/ul	0.00
4) Naphthalene-d8	10.779	136	14652	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.606	164	6026	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.350	188	11436	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.530	240	6944	0.400	ng/ul	# 0.00
23) Perylene-d12	23.942	264	7762	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.377	96	4639	0.743	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.368	152	6464	0.311	ng/ul	0.00
18) Fluoranthene-d10	19.376	212	8176	0.330	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.410	88	14600	2.330	ng/ul#	79
5) Naphthalene	10.829	128	14620	0.332	ng/ul	98
7) 2-Methylnaphthalene	12.440	142	8369	0.294	ng/ul	98
8) 1-Methylnaphthalene	12.654	142	8069	0.283	ng/ul	100
10) Acenaphthylene	14.328	152	11174	0.337	ng/ul	98
11) Acenaphthene	14.666	153	8213	0.340	ng/ul	98
12) Fluorene	15.656	166	8785	0.321	ng/ul	99
14) Pentachlorophenol	16.999	266	1826	0.721	ng/ul	96
15) Phenanthrene	17.392	178	12889	0.338	ng/ul	98
16) Anthracene	17.485	178	11999	0.346	ng/ul	98
19) Fluoranthene	19.404	202	12550	0.320	ng/ul#	90
20) Pyrene	19.766	202	12938	0.333	ng/ul#	93
21) Benzo(a)anthracene	21.513	228	10069	0.330	ng/ul	99
22) Chrysene	21.565	228	11406	0.354	ng/ul	98
24) Benzo(b)fluoranthene	23.205	252	11512	0.327	ng/ul	89
25) Benzo(k)fluoranthene	23.255	252	12709	0.348	ng/ul#	89
26) Benzo(a)pyrene	23.836	252	10268	0.353	ng/ul#	84
27) Indeno(1,2,3-cd)pyrene	26.458	276	14038	0.424	ng/ul#	87
28) Dibenzo(a,h)anthracene	26.485	278	11543	0.440	ng/ul#	91
29) Benzo(g,h,i)perylene	27.223	276	12070	0.427	ng/ul	93

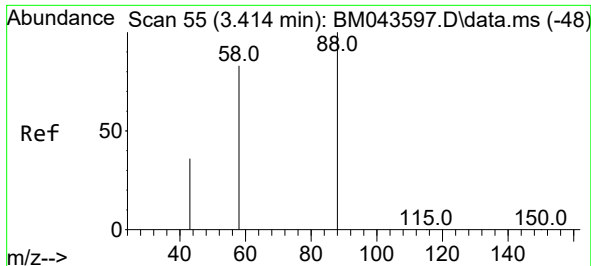
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 26 22:58:31 2023
Response via : Initial Calibration

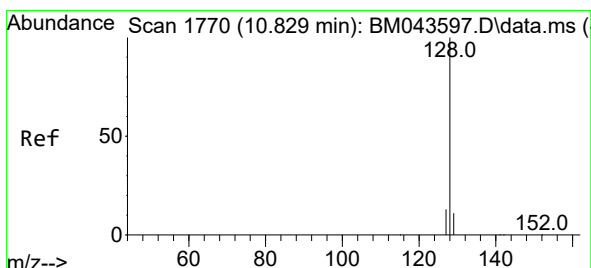
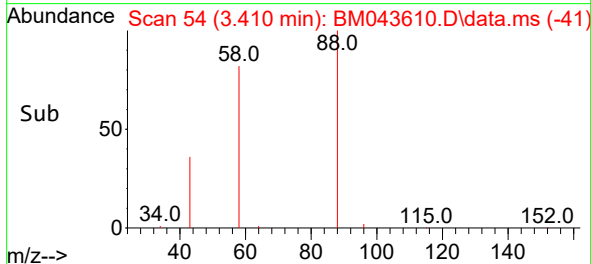
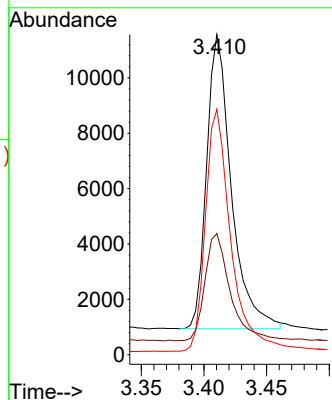
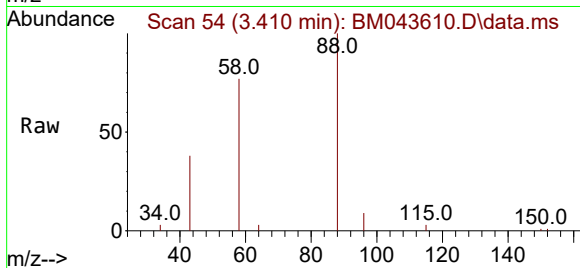




#2
1,4-Dioxane
Concen: 2.330 ng/ul
RT: 3.410 min Scan# 54
Delta R.T. -0.004 min
Lab File: BM043610.D
Acq: 27 Dec 2023 15:56

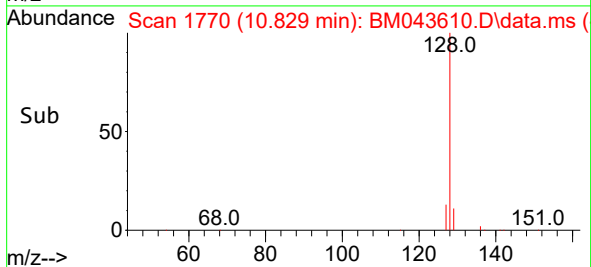
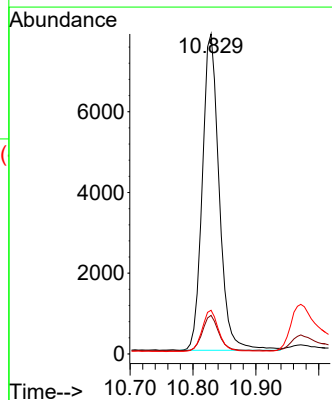
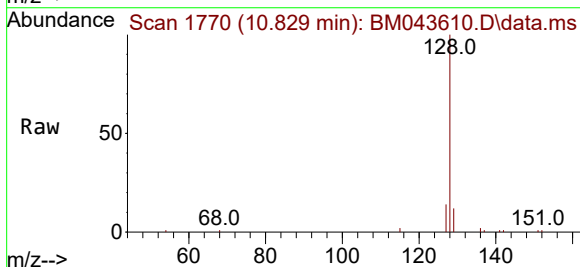
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BNA_M
ClientSampleId :
SLCS069

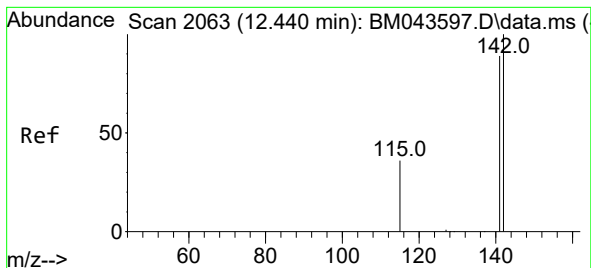
Tgt Ion: 88 Resp: 14600
Ion Ratio Lower Upper
88 100
43 37.9 27.9 41.9
58 76.7 43.4 65.2#



#5
Naphthalene
Concen: 0.332 ng/ul
RT: 10.829 min Scan# 1770
Delta R.T. 0.000 min
Lab File: BM043610.D
Acq: 27 Dec 2023 15:56

Tgt Ion:128 Resp: 14620
Ion Ratio Lower Upper
128 100
129 12.0 9.0 13.4
127 13.7 10.3 15.5

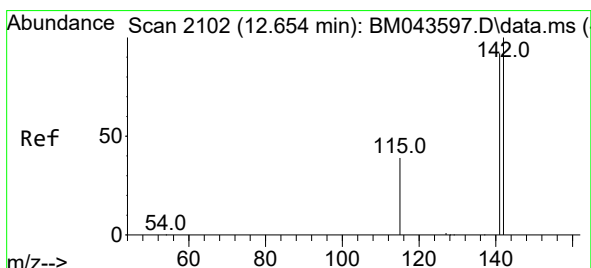
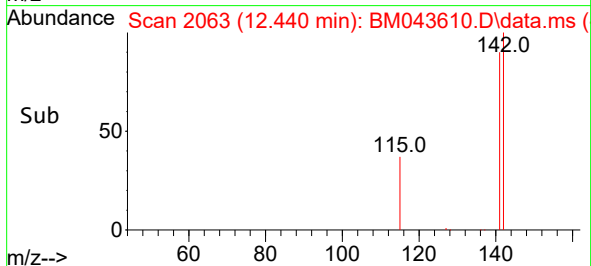
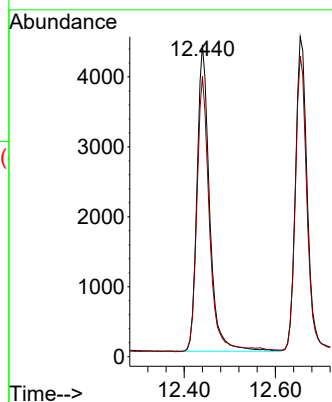
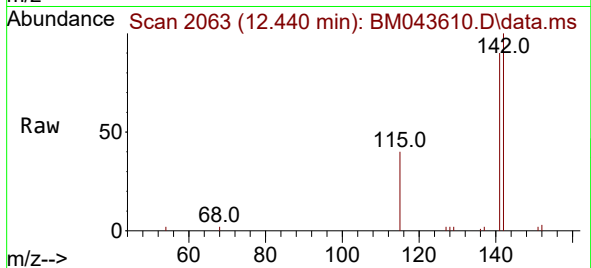




#7
2-Methylnaphthalene
Concen: 0.294 ng/ul
RT: 12.440 min Scan# 2063
Delta R.T. 0.000 min
Lab File: BM043610.D
Acq: 27 Dec 2023 15:56

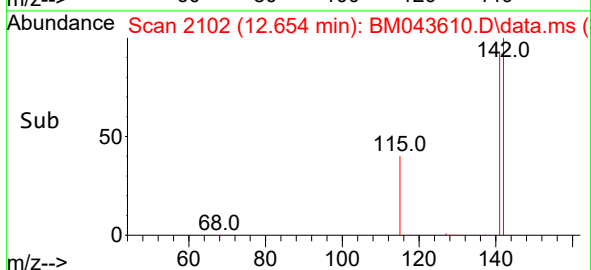
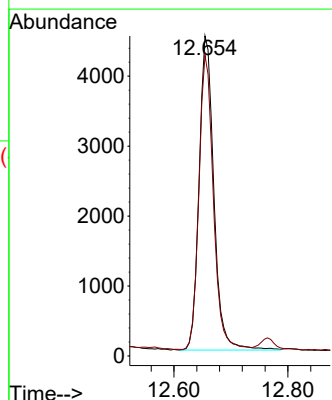
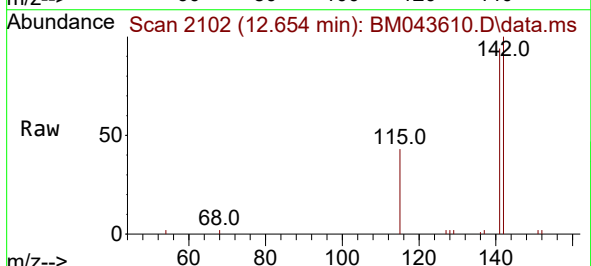
Instrument :
BNA_M
ClientSampleId :
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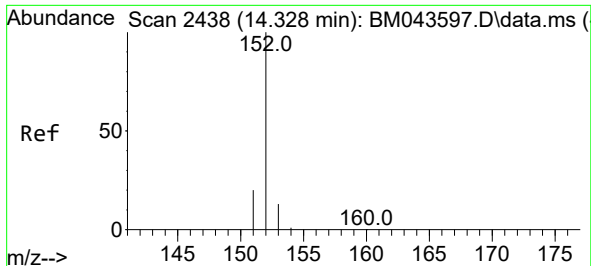
Tgt Ion:142 Resp: 8369
Ion Ratio Lower Upper
142 100
141 90.9 70.9 106.3



#8
1-Methylnaphthalene
Concen: 0.283 ng/ul
RT: 12.654 min Scan# 2102
Delta R.T. -0.005 min
Lab File: BM043610.D
Acq: 27 Dec 2023 15:56

Tgt Ion:142 Resp: 8069
Ion Ratio Lower Upper
142 100
141 91.9 73.7 110.5

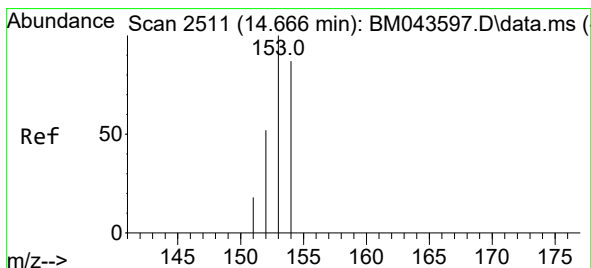
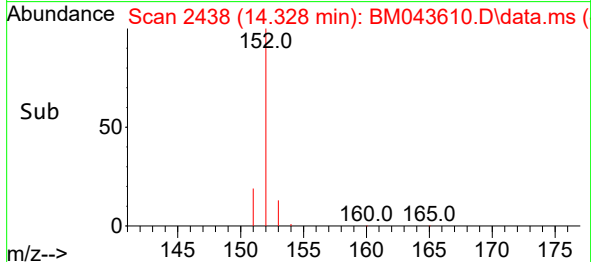
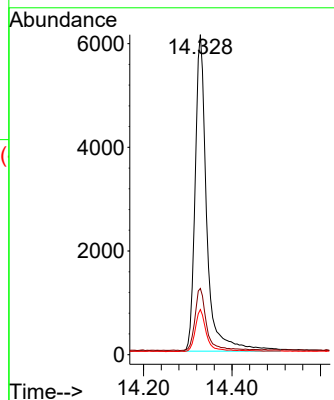
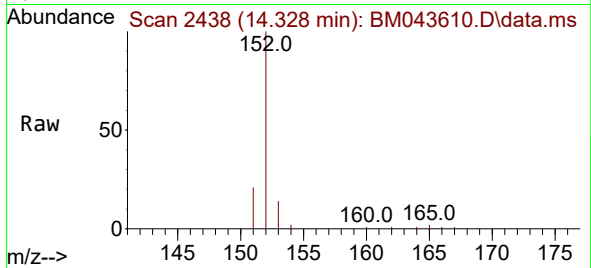




#10
Acenaphthylene
Concen: 0.337 ng/ul
RT: 14.328 min Scan# 2438
Delta R.T. 0.000 min
Lab File: BM043610.D
Acq: 27 Dec 2023 15:56

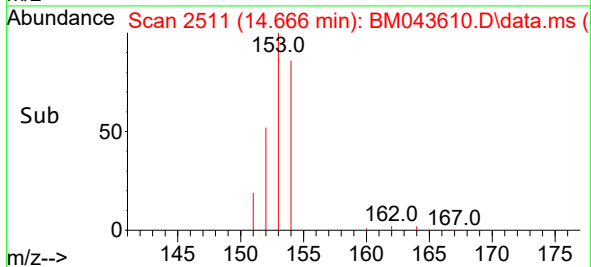
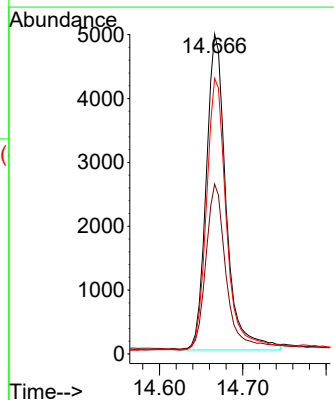
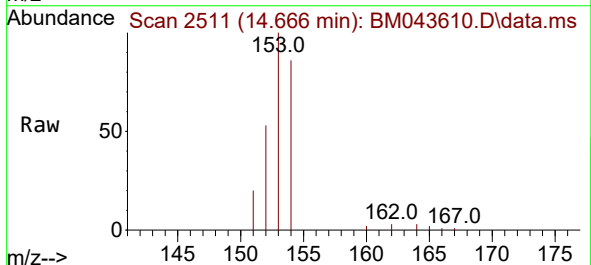
Instrument :
BNA_M
ClientSampleId :
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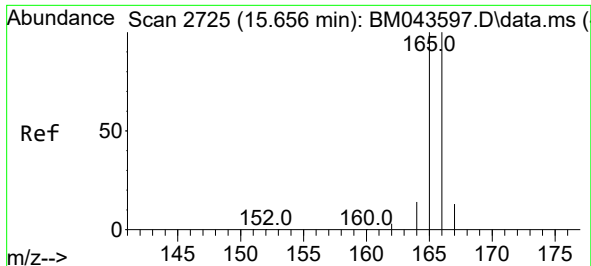
Tgt Ion:152 Resp: 11174
Ion Ratio Lower Upper
152 100
151 20.7 16.2 24.2
153 14.1 10.4 15.6



#11
Acenaphthene
Concen: 0.340 ng/ul
RT: 14.666 min Scan# 2511
Delta R.T. 0.000 min
Lab File: BM043610.D
Acq: 27 Dec 2023 15:56

Tgt Ion:153 Resp: 8213
Ion Ratio Lower Upper
153 100
152 53.1 42.1 63.1
154 86.1 71.3 106.9

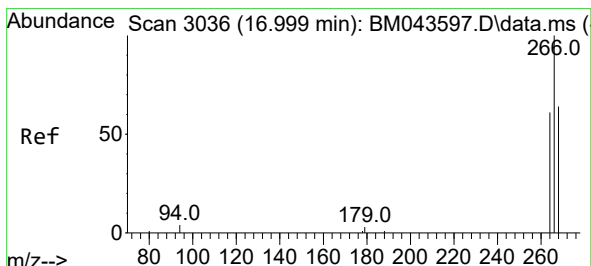
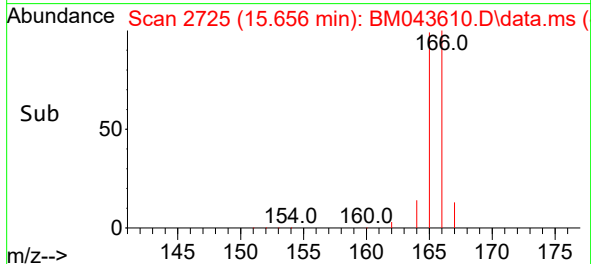
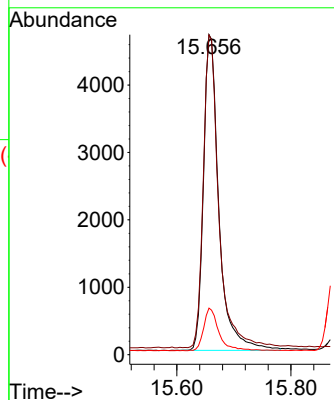
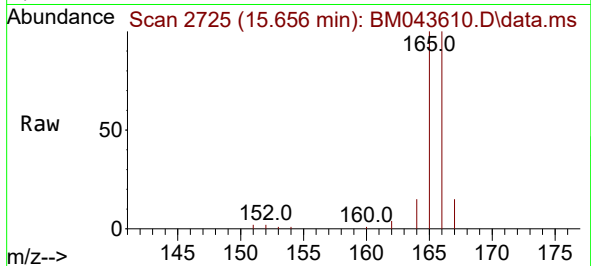




#12
 Fluorene
 Concen: 0.321 ng/ul
 RT: 15.656 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BM043610.D
 Acq: 27 Dec 2023 15:56

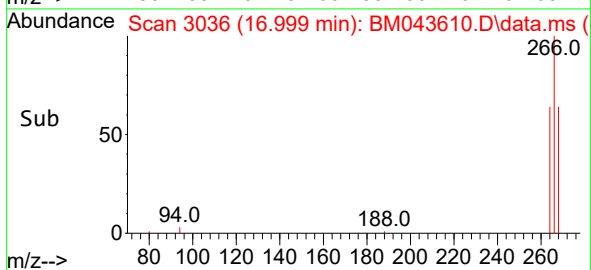
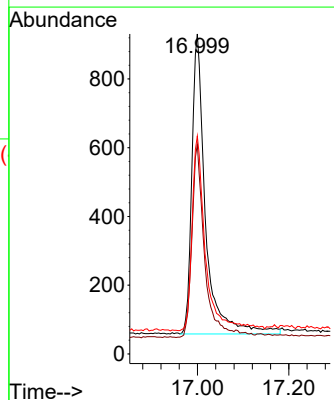
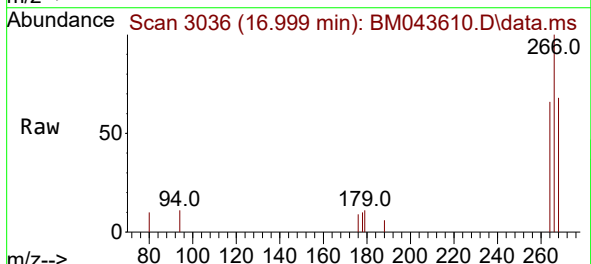
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 ClientSampleId :
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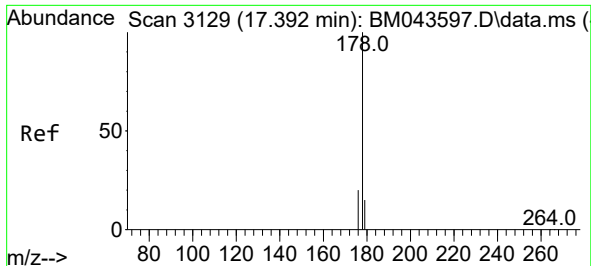
Tgt Ion:166 Resp: 8785
 Ion Ratio Lower Upper
 166 100
 165 99.9 80.3 120.5
 167 14.6 10.8 16.2



#14
 Pentachlorophenol
 Concen: 0.721 ng/ul
 RT: 16.999 min Scan# 3036
 Delta R.T. -0.004 min
 Lab File: BM043610.D
 Acq: 27 Dec 2023 15:56

Tgt Ion:266 Resp: 1826
 Ion Ratio Lower Upper
 266 100
 264 60.1 51.7 77.5
 268 63.6 51.9 77.9

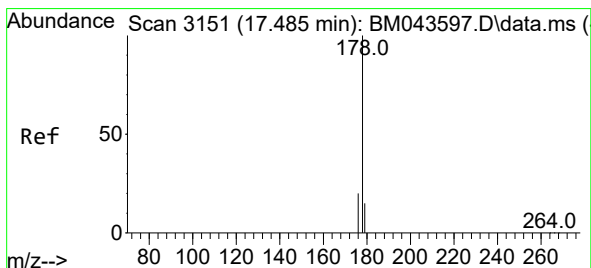
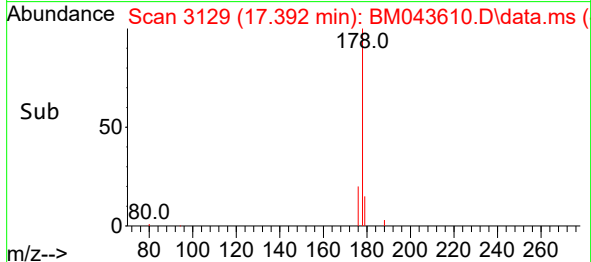
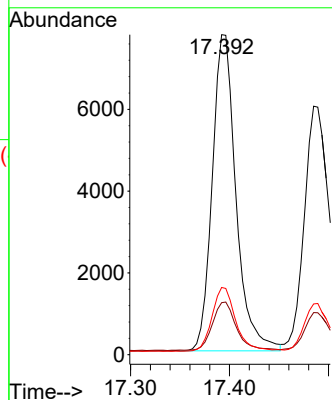
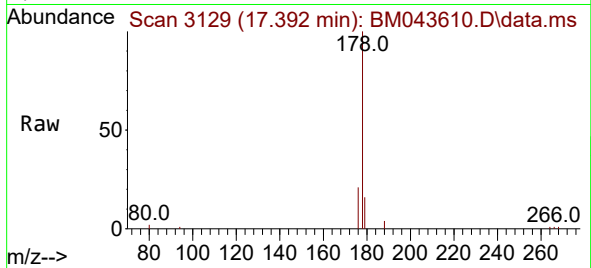




#15
Phenanthrene
Concen: 0.338 ng/ul
RT: 17.392 min Scan# 3129
Delta R.T. 0.000 min
Lab File: BM043610.D
Acq: 27 Dec 2023 15:56

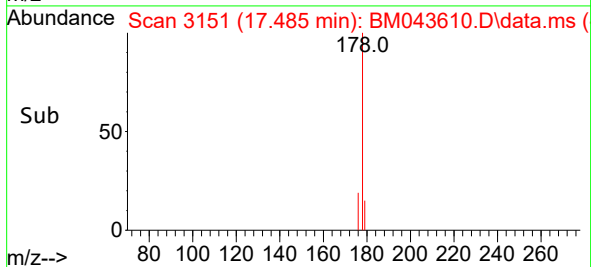
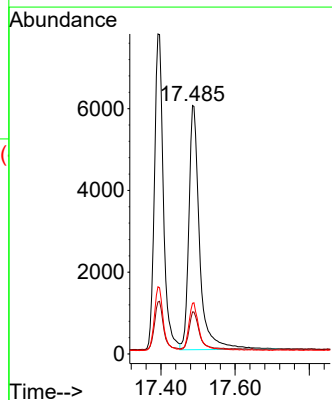
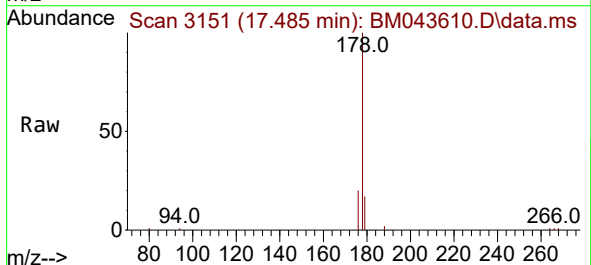
Instrument :
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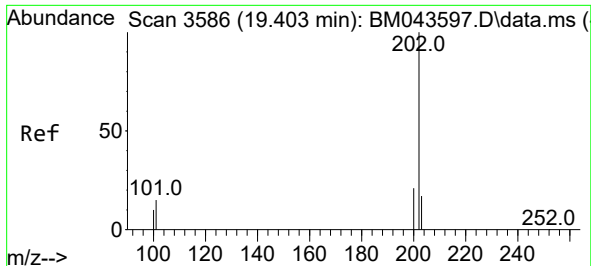
Tgt Ion:178 Resp: 12889
Ion Ratio Lower Upper
178 100
179 16.2 12.4 18.6
176 21.0 16.2 24.2



#16
Anthracene
Concen: 0.346 ng/ul
RT: 17.485 min Scan# 3151
Delta R.T. -0.004 min
Lab File: BM043610.D
Acq: 27 Dec 2023 15:56

Tgt Ion:178 Resp: 11999
Ion Ratio Lower Upper
178 100
179 16.9 12.6 18.8
176 20.4 15.6 23.4

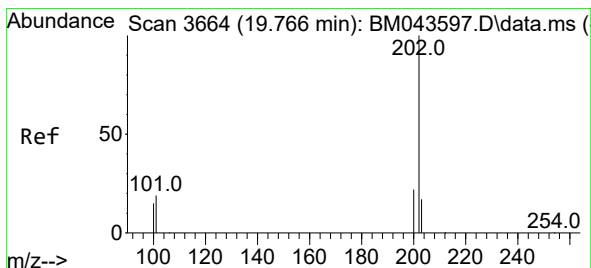
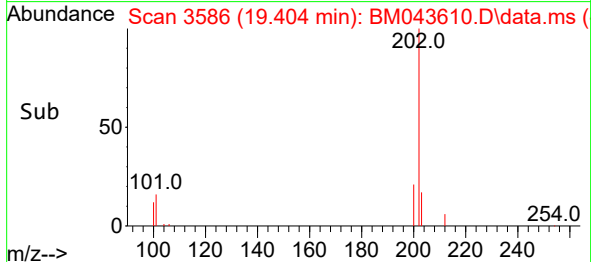
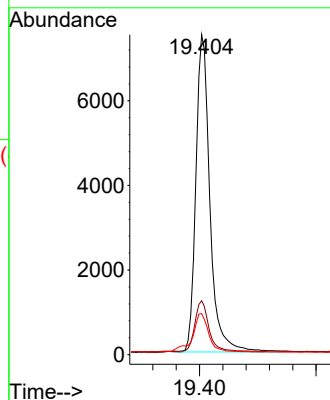
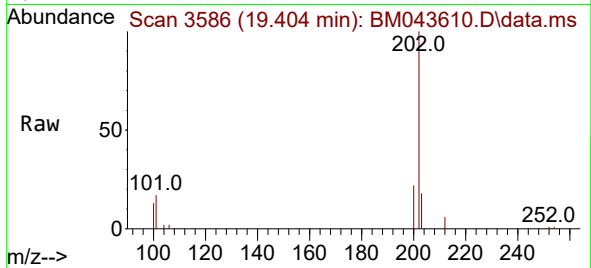




#19
Fluoranthene
Concen: 0.320 ng/ul
RT: 19.404 min Scan# 3586
Delta R.T. 0.000 min
Lab File: BM043610.D
Acq: 27 Dec 2023 15:56

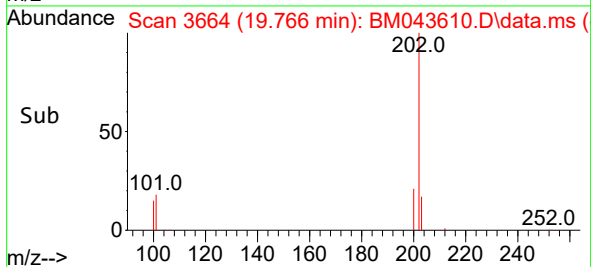
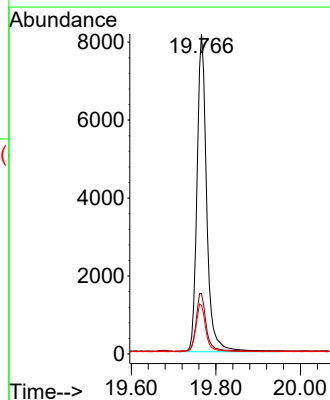
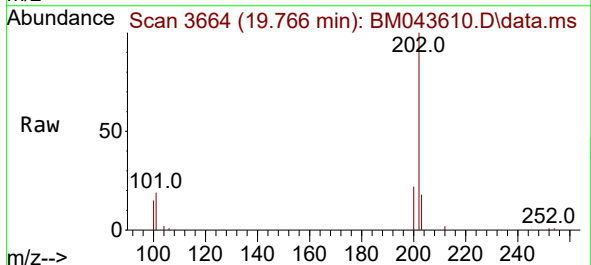
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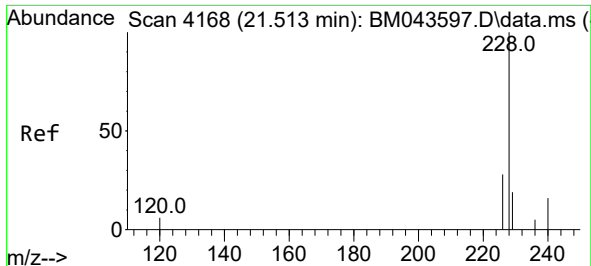
Tgt Ion:202 Resp: 12550
Ion Ratio Lower Upper
202 100
101 16.9 10.1 15.1#
100 12.8 7.4 11.2#



#20
Pyrene
Concen: 0.333 ng/ul
RT: 19.766 min Scan# 3664
Delta R.T. 0.000 min
Lab File: BM043610.D
Acq: 27 Dec 2023 15:56

Tgt Ion:202 Resp: 12938
Ion Ratio Lower Upper
202 100
101 18.9 12.7 19.1
100 15.2 9.8 14.8#

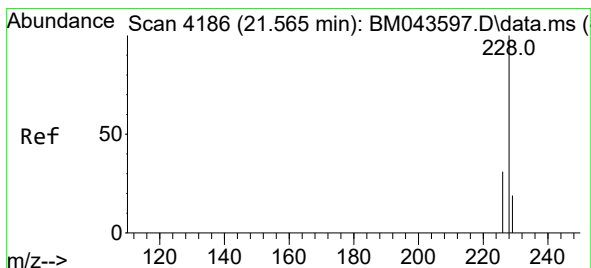
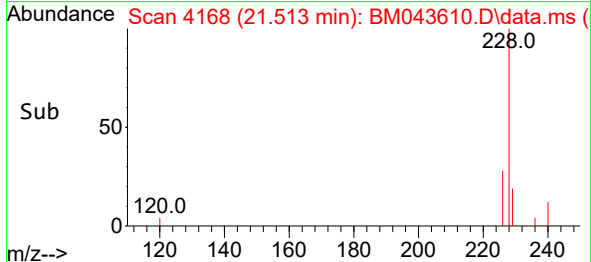
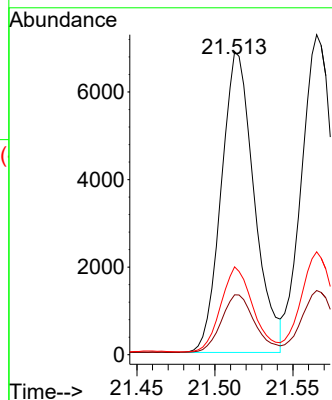
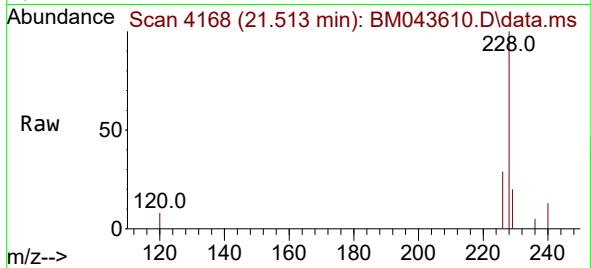




#21
Benzo(a)anthracene
Concen: 0.330 ng/ul
RT: 21.513 min Scan# 4168
Delta R.T. 0.000 min
Lab File: BM043610.D
Acq: 27 Dec 2023 15:56

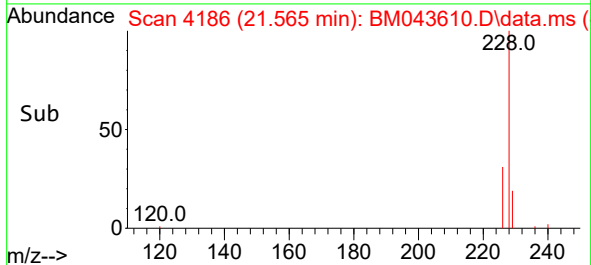
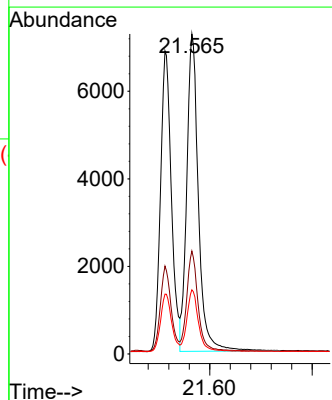
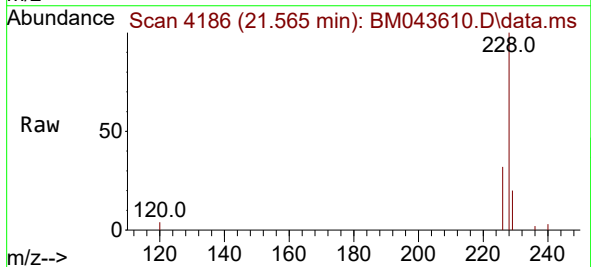
Instrument :
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ClientSampleId :
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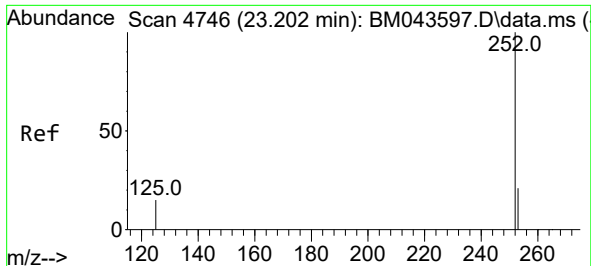
Tgt Ion:228 Resp: 10069
Ion Ratio Lower Upper
228 100
229 19.8 15.5 23.3
226 29.0 22.6 34.0



#22
Chrysene
Concen: 0.354 ng/ul
RT: 21.565 min Scan# 4186
Delta R.T. 0.000 min
Lab File: BM043610.D
Acq: 27 Dec 2023 15:56

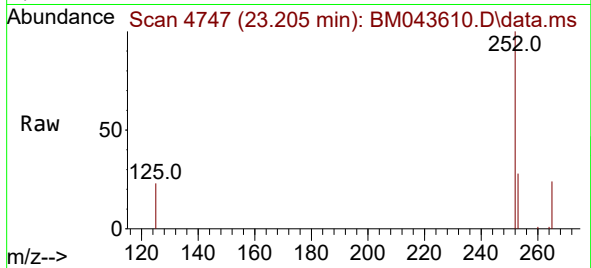
Tgt Ion:228 Resp: 11406
Ion Ratio Lower Upper
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226 32.1 24.8 37.2
229 20.1 15.7 23.5



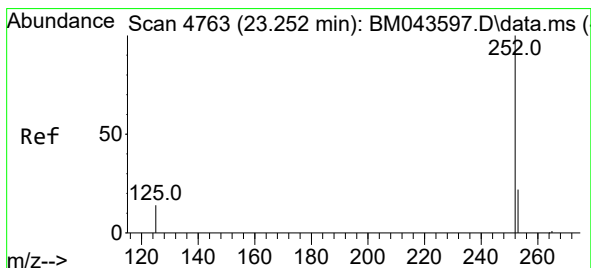
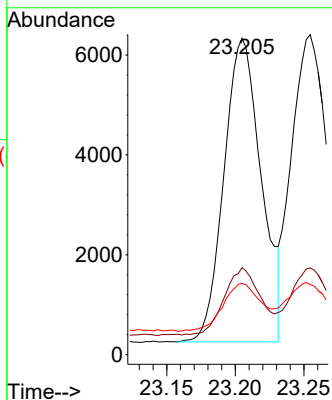


#24
Benzo(b)fluoranthene
Concen: 0.327 ng/ul
RT: 23.205 min Scan# 4746
Delta R.T. 0.000 min
Lab File: BM043610.D
Acq: 27 Dec 2023 15:56

Instrument :
BNA_M
ClientSampleId :
SLCS069

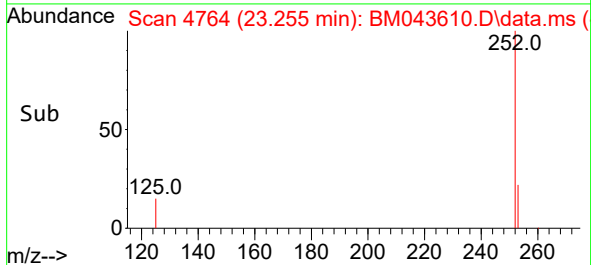
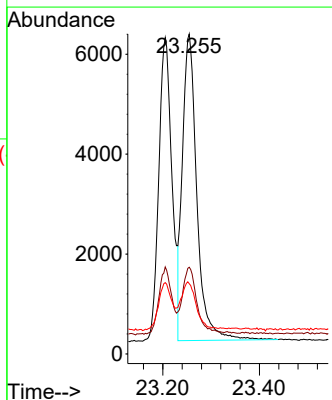
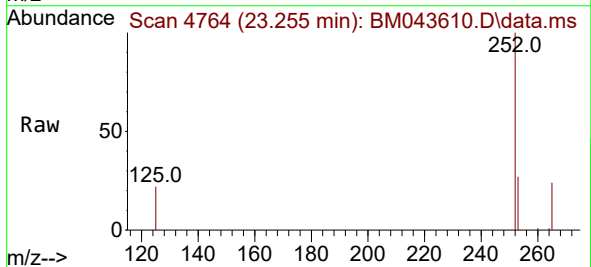


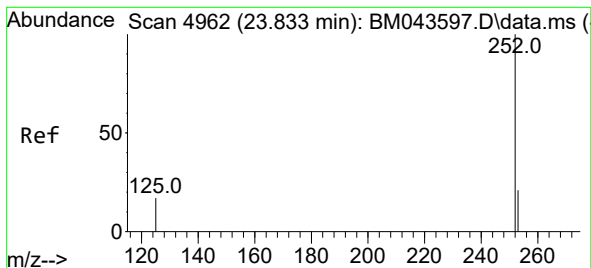
Tgt Ion:252 Resp: 11512
Ion Ratio Lower Upper
252 100
253 27.5 0.0 48.8
125 22.6 0.0 29.2



#25
Benzo(k)fluoranthene
Concen: 0.348 ng/ul
RT: 23.255 min Scan# 4764
Delta R.T. 0.000 min
Lab File: BM043610.D
Acq: 27 Dec 2023 15:56

Tgt Ion:252 Resp: 12709
Ion Ratio Lower Upper
252 100
253 27.1 18.6 28.0
125 21.9 11.8 17.8#





#26

Benzo(a)pyrene

Concen: 0.353 ng/ul

RT: 23.836 min Scan# 4962

Delta R.T. 0.003 min

Lab File: BM043610.D

Acq: 27 Dec 2023 15:56

Instrument :

BNA_M

ClientSampleId :

SLCS069

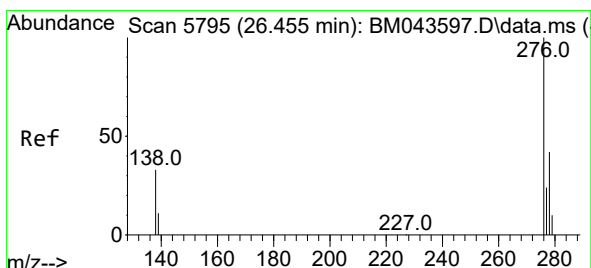
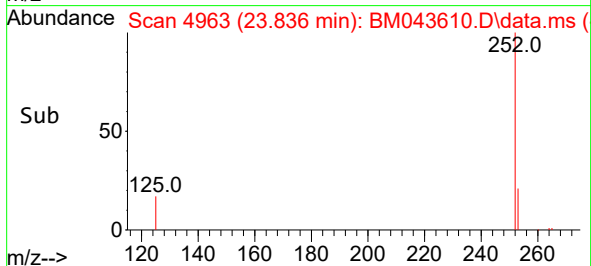
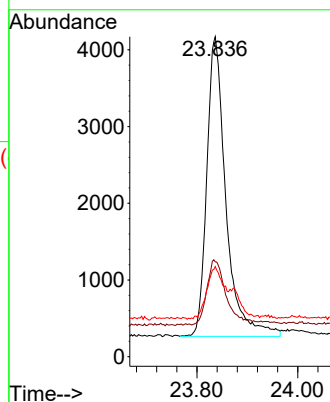
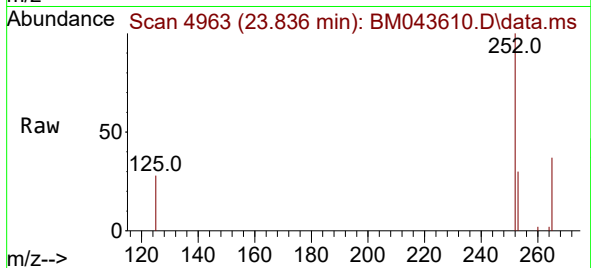
Tgt Ion:252 Resp: 10268

Ion Ratio Lower Upper

252 100

253 29.7 20.2 30.2

125 28.1 13.5 20.3#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.424 ng/ul

RT: 26.458 min Scan# 5796

Delta R.T. 0.000 min

Lab File: BM043610.D

Acq: 27 Dec 2023 15:56

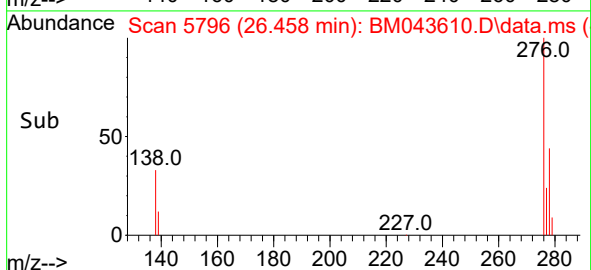
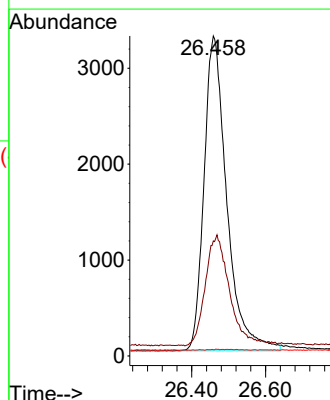
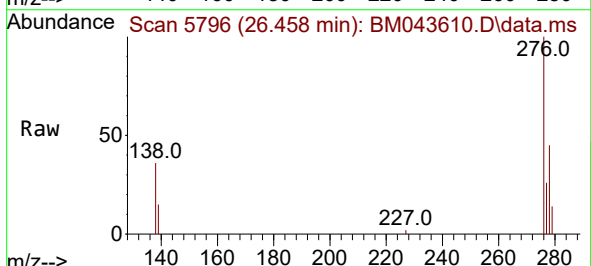
Tgt Ion:276 Resp: 14038

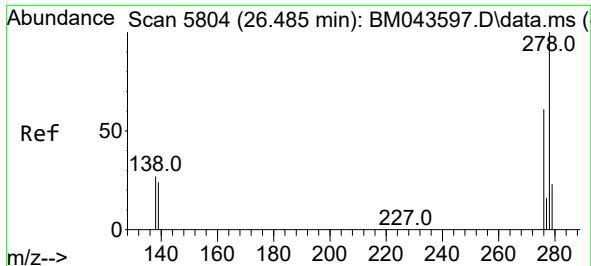
Ion Ratio Lower Upper

276 100

138 37.7 24.6 36.8#

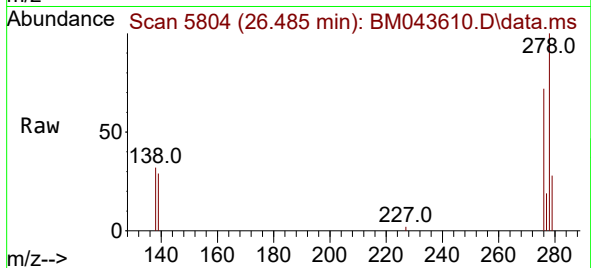
227 0.0 0.0 0.0#



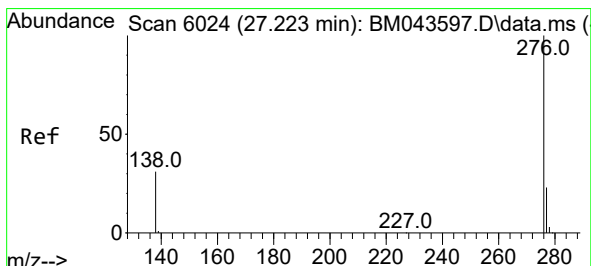
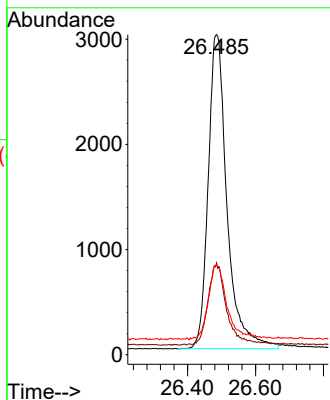
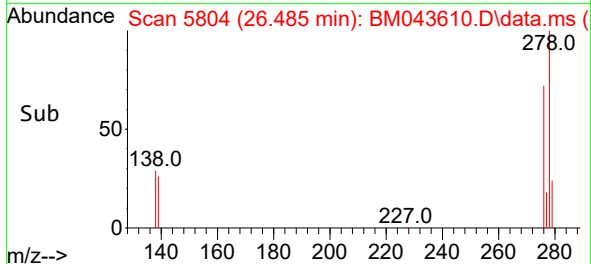


#28
Dibenzo(a,h)anthracene
Concen: 0.440 ng/ul
RT: 26.485 min Scan# 5804
Delta R.T. 0.004 min
Lab File: BM043610.D
Acq: 27 Dec 2023 15:56

Instrument :
BNA_M
ClientSampleId :
SLCS069



Tgt Ion:278 Resp: 11543
Ion Ratio Lower Upper
278 100
139 28.7 17.4 26.2#
279 28.0 20.9 31.3



#29
Benzo(g,h,i)perylene
Concen: 0.427 ng/ul
RT: 27.223 min Scan# 6024
Delta R.T. 0.000 min
Lab File: BM043610.D
Acq: 27 Dec 2023 15:56

Tgt Ion:276 Resp: 12070
Ion Ratio Lower Upper
276 100
138 34.0 23.1 34.7
277 25.7 19.4 29.0

