

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122623\
 Data File : BM043604.D
 Acq On : 27 Dec 2023 12:18
 Operator : MA/JU
 Sample : PB158067BS
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS067

Quant Time: Dec 27 21:41:26 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

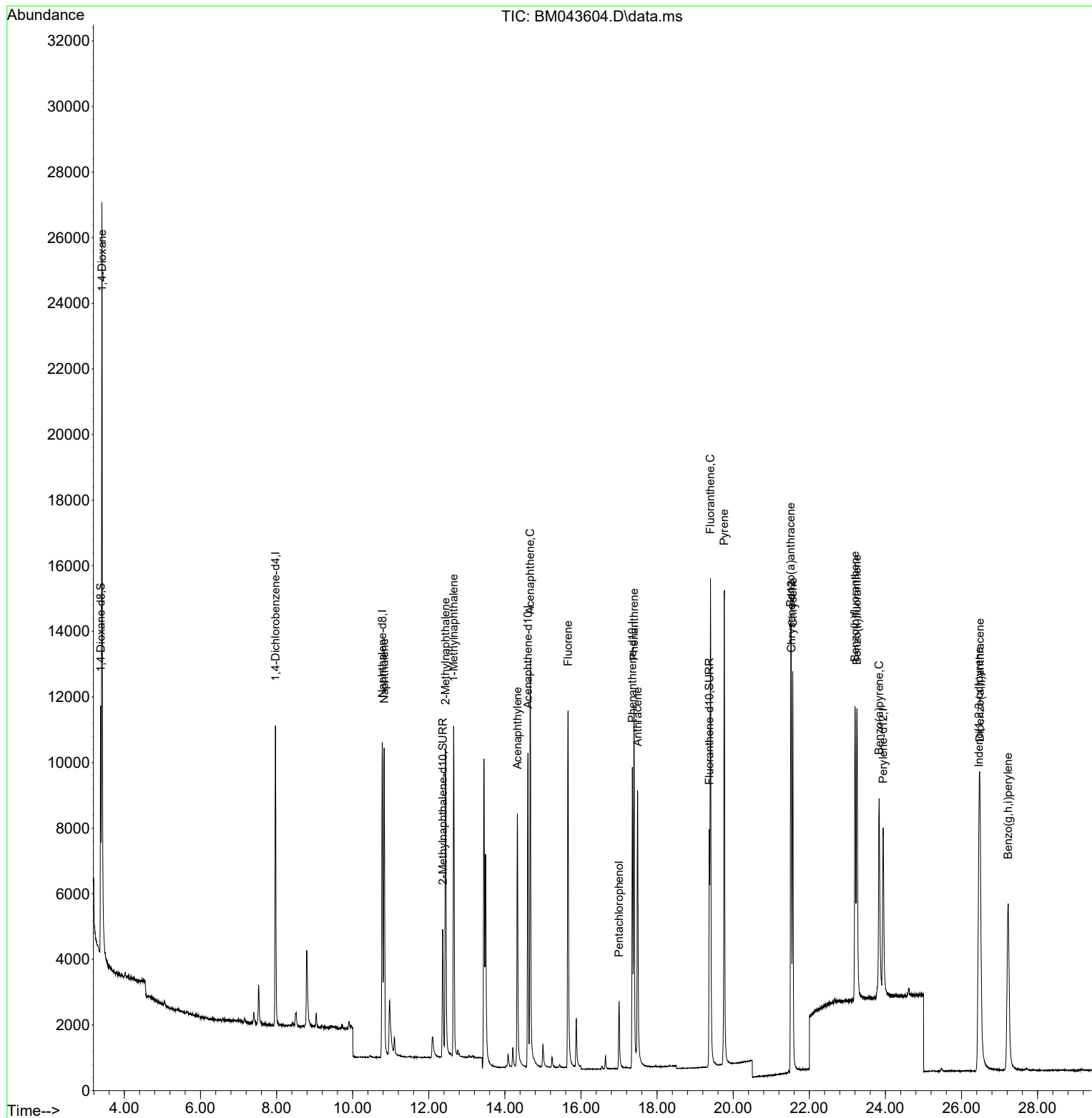
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.971	152	4747	0.400	ng/ul	0.00
4) Naphthalene-d8	10.779	136	13973	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.606	164	5770	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.350	188	11400	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.527	240	7366	0.400	ng/ul	# 0.00
23) Perylene-d12	23.939	264	8351	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.381	96	4676	0.780	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.368	152	6196	0.313	ng/ul	0.00
18) Fluoranthene-d10	19.371	212	8445	0.321	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.410	88	13950	2.319	ng/ul#	83
5) Naphthalene	10.829	128	13980	0.333	ng/ul	99
7) 2-Methylnaphthalene	12.440	142	8017	0.296	ng/ul	98
8) 1-Methylnaphthalene	12.654	142	7771	0.286	ng/ul	99
10) Acenaphthylene	14.328	152	10841	0.341	ng/ul	98
11) Acenaphthene	14.666	153	8027	0.347	ng/ul	99
12) Fluorene	15.661	166	8675	0.331	ng/ul	98
14) Pentachlorophenol	16.999	266	1823	0.722	ng/ul	98
15) Phenanthrene	17.392	178	13015	0.342	ng/ul	98
16) Anthracene	17.485	178	12139	0.351	ng/ul	98
19) Fluoranthene	19.403	202	13087	0.315	ng/ul#	91
20) Pyrene	19.766	202	13414	0.325	ng/ul#	93
21) Benzo(a)anthracene	21.512	228	10970	0.339	ng/ul	99
22) Chrysene	21.565	228	12316	0.361	ng/ul	99
24) Benzo(b)fluoranthene	23.202	252	12345	0.326	ng/ul	90
25) Benzo(k)fluoranthene	23.254	252	13821	0.352	ng/ul#	89
26) Benzo(a)pyrene	23.833	252	11185	0.358	ng/ul#	87
27) Indeno(1,2,3-cd)pyrene	26.458	276	15481	0.435	ng/ul#	89
28) Dibenzo(a,h)anthracene	26.485	278	12583	0.446	ng/ul#	95
29) Benzo(g,h,i)perylene	27.226	276	13321	0.438	ng/ul	94

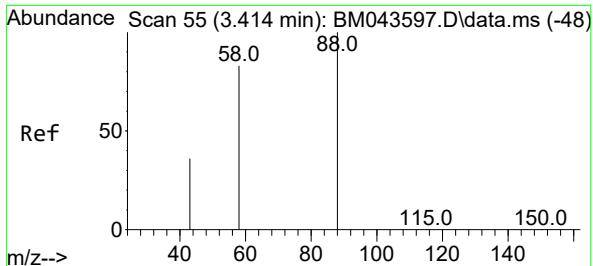
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Dec 26 22:58:31 2023
Response via : Initial Calibration

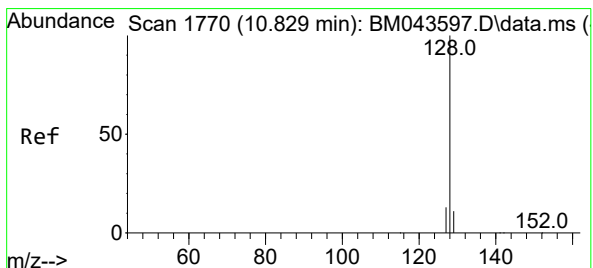
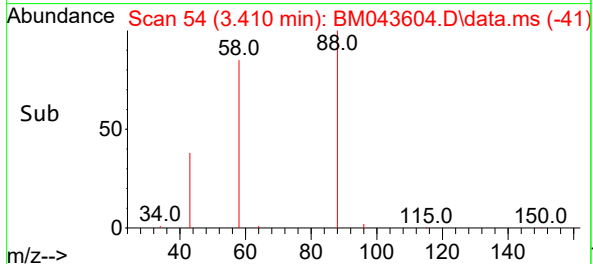
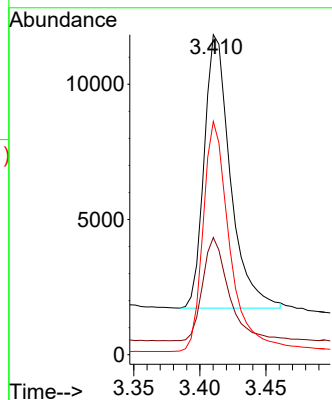
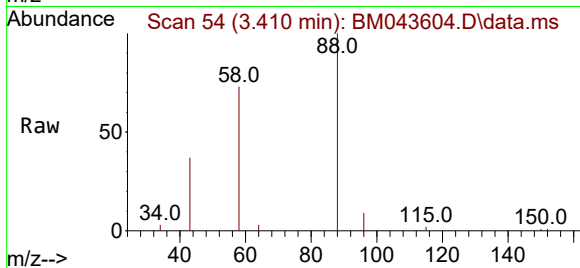




#2
1,4-Dioxane
Concen: 2.319 ng/ul
RT: 3.410 min Scan# 54
Delta R.T. -0.004 min
Lab File: BM043604.D
Acq: 27 Dec 2023 12:18

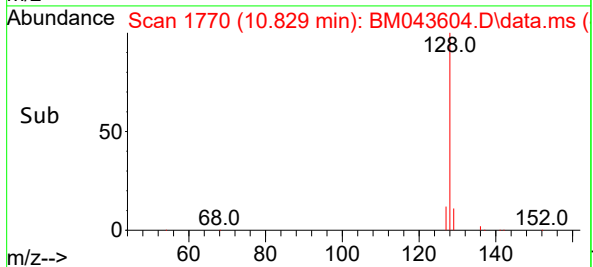
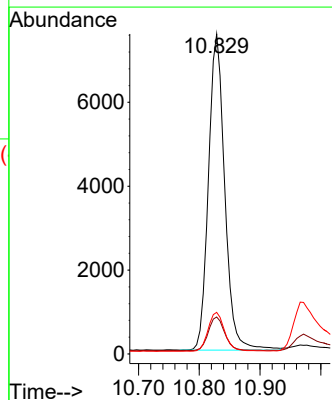
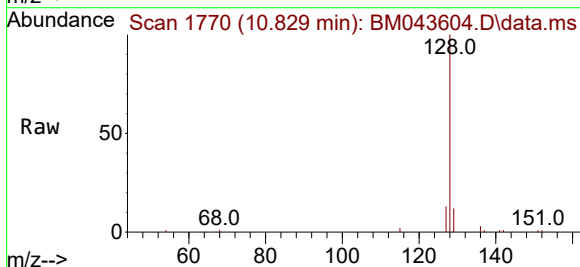
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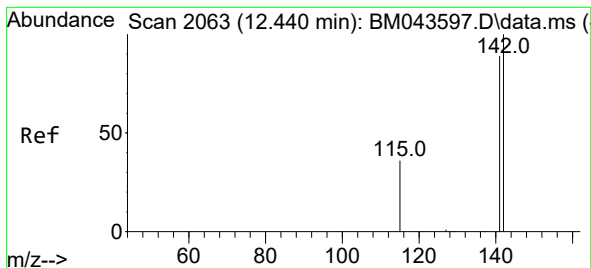
Tgt Ion: 88 Resp: 13950
Ion Ratio Lower Upper
88 100
43 36.6 27.9 41.9
58 72.9 43.4 65.2#



#5
Naphthalene
Concen: 0.333 ng/ul
RT: 10.829 min Scan# 1770
Delta R.T. 0.000 min
Lab File: BM043604.D
Acq: 27 Dec 2023 12:18

Tgt Ion: 128 Resp: 13980
Ion Ratio Lower Upper
128 100
129 11.5 9.0 13.4
127 13.0 10.3 15.5





#7

2-Methylnaphthalene

Concen: 0.296 ng/ul

RT: 12.440 min Scan# 2063

Delta R.T. 0.000 min

Lab File: BM043604.D

Acq: 27 Dec 2023 12:18

Instrument :

BNA_M

ClientSampleId :

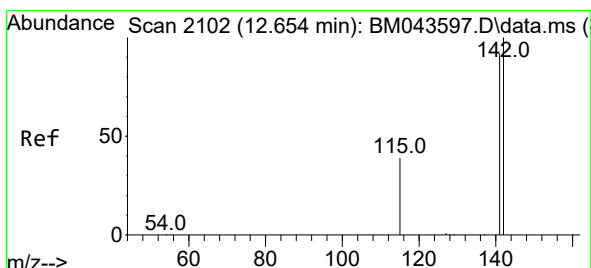
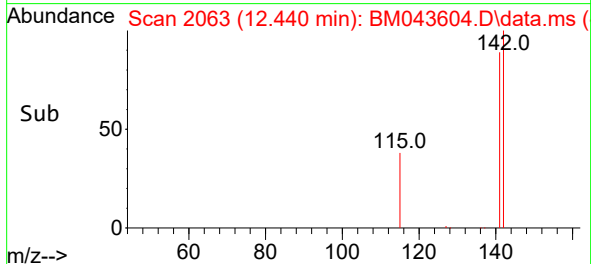
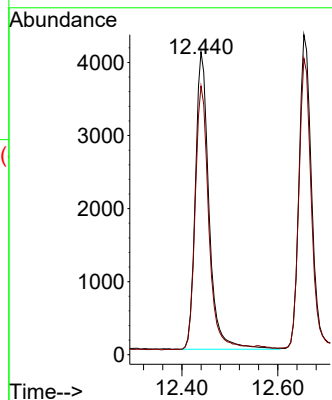
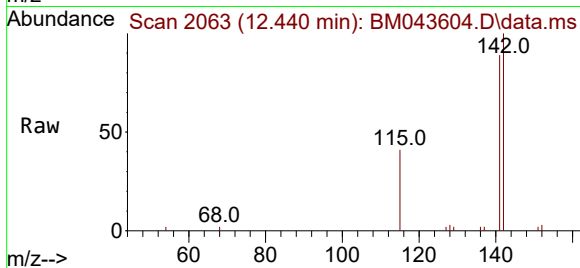
SLCS067

Tgt Ion:142 Resp: 8017

Ion Ratio Lower Upper

142 100

141 90.4 70.9 106.3



#8

1-Methylnaphthalene

Concen: 0.286 ng/ul

RT: 12.654 min Scan# 2102

Delta R.T. -0.005 min

Lab File: BM043604.D

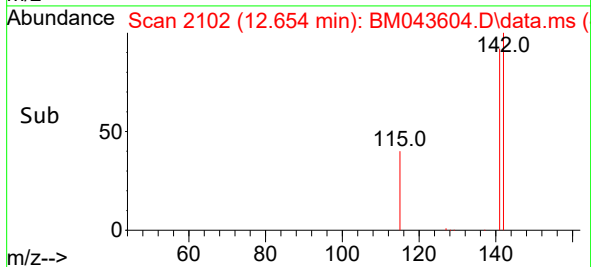
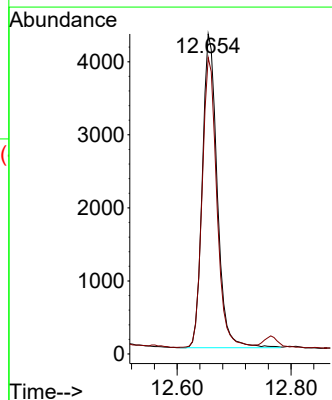
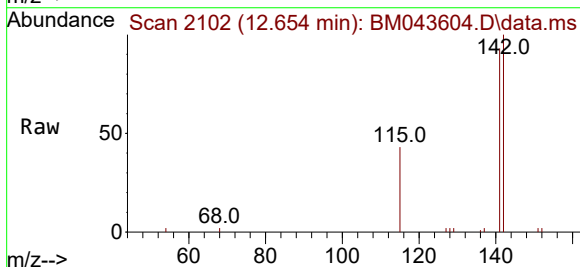
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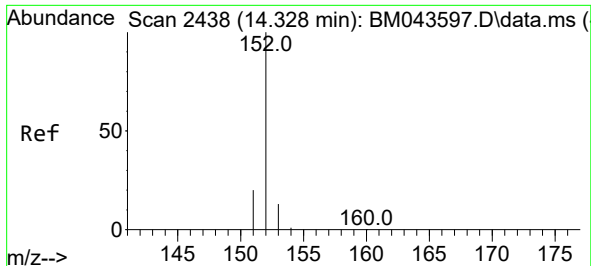
Tgt Ion:142 Resp: 7771

Ion Ratio Lower Upper

142 100

141 90.9 73.7 110.5

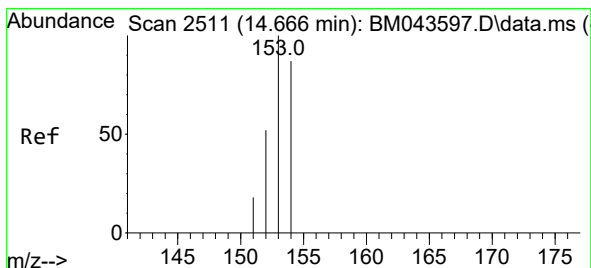
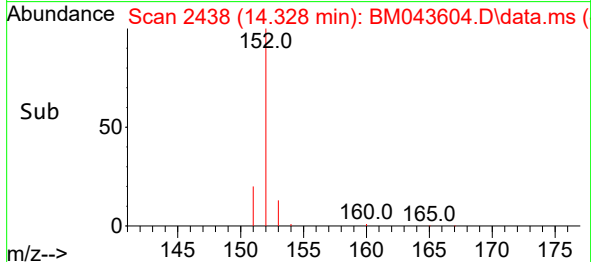
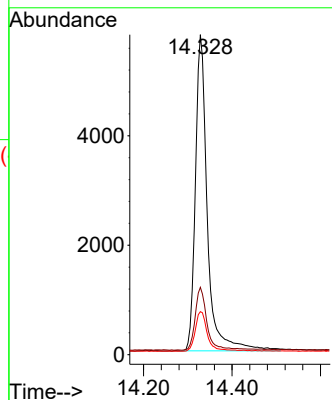
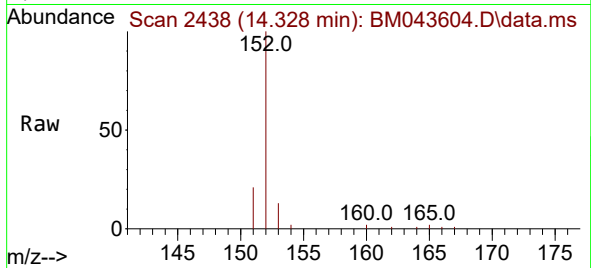




#10
Acenaphthylene
Concen: 0.341 ng/ul
RT: 14.328 min Scan# 2438
Delta R.T. 0.000 min
Lab File: BM043604.D
Acq: 27 Dec 2023 12:18

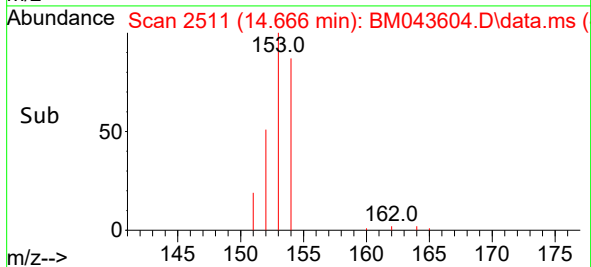
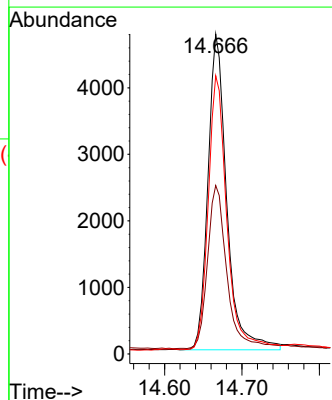
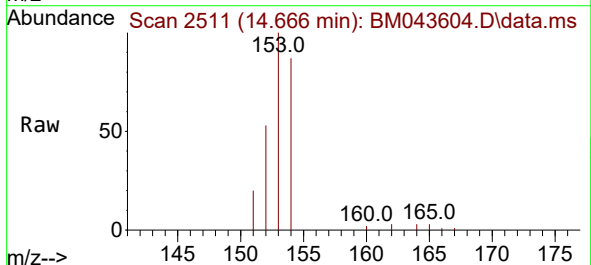
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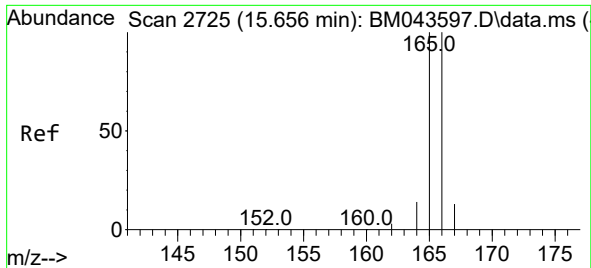
Tgt Ion:152 Resp: 10841
Ion Ratio Lower Upper
152 100
151 21.1 16.2 24.2
153 13.5 10.4 15.6



#11
Acenaphthene
Concen: 0.347 ng/ul
RT: 14.666 min Scan# 2511
Delta R.T. 0.000 min
Lab File: BM043604.D
Acq: 27 Dec 2023 12:18

Tgt Ion:153 Resp: 8027
Ion Ratio Lower Upper
153 100
152 52.7 42.1 63.1
154 87.0 71.3 106.9

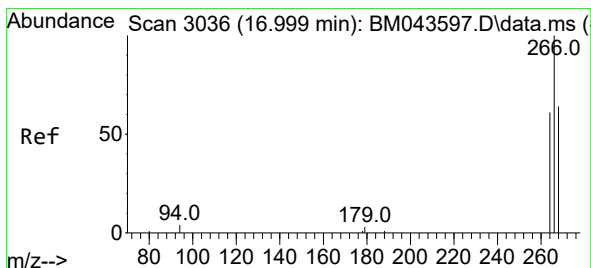
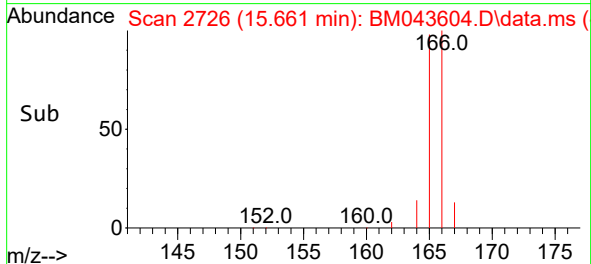
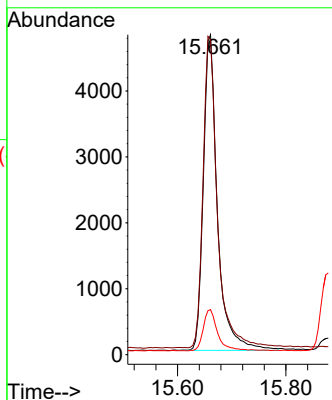
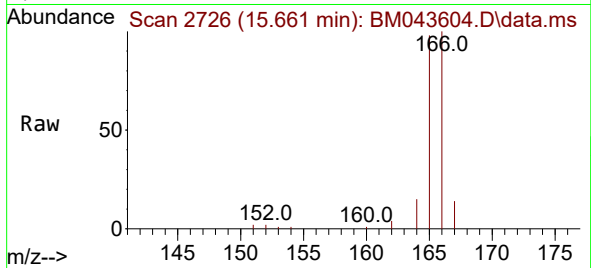




#12
 Fluorene
 Concen: 0.331 ng/ul
 RT: 15.661 min Scan# 21
 Delta R.T. 0.005 min
 Lab File: BM043604.D
 Acq: 27 Dec 2023 12:18

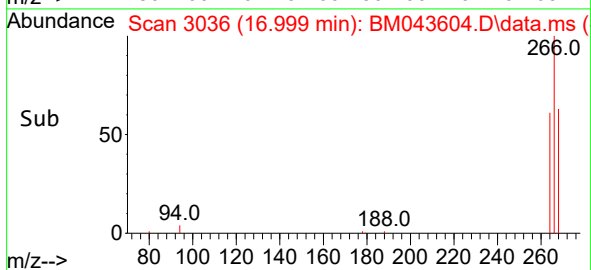
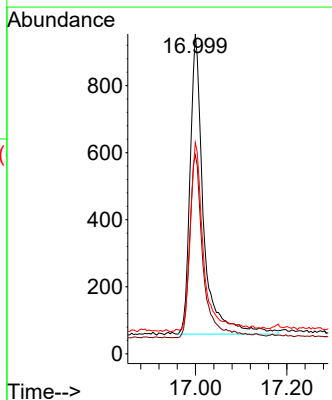
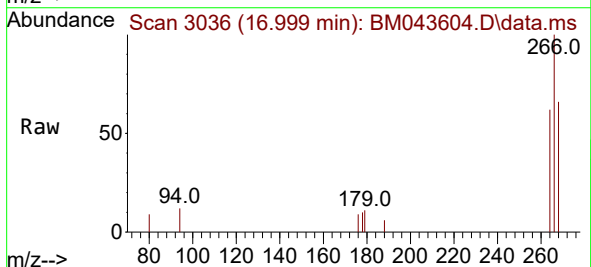
Instrument :
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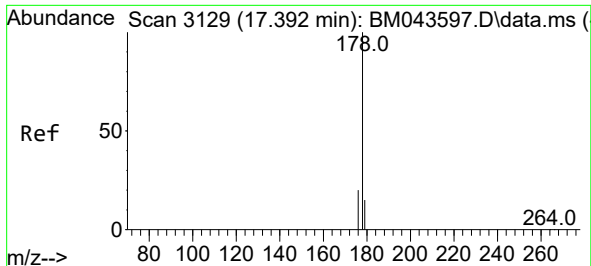
Tgt Ion:166 Resp: 8675
 Ion Ratio Lower Upper
 166 100
 165 98.4 80.3 120.5
 167 14.1 10.8 16.2



#14
 Pentachlorophenol
 Concen: 0.722 ng/ul
 RT: 16.999 min Scan# 3036
 Delta R.T. -0.004 min
 Lab File: BM043604.D
 Acq: 27 Dec 2023 12:18

Tgt Ion:266 Resp: 1823
 Ion Ratio Lower Upper
 266 100
 264 61.2 51.7 77.5
 268 65.3 51.9 77.9

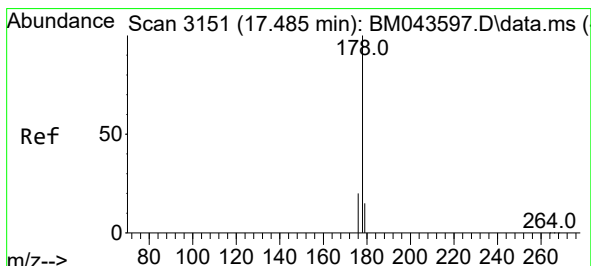
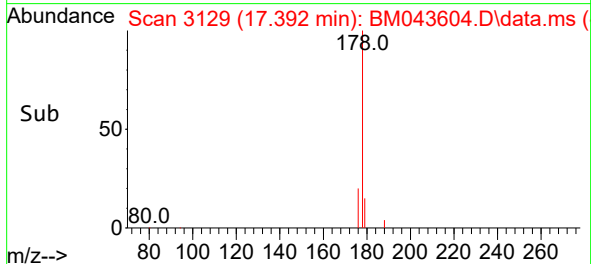
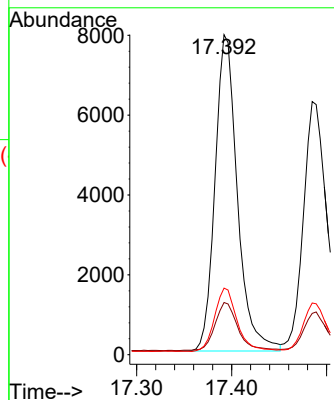
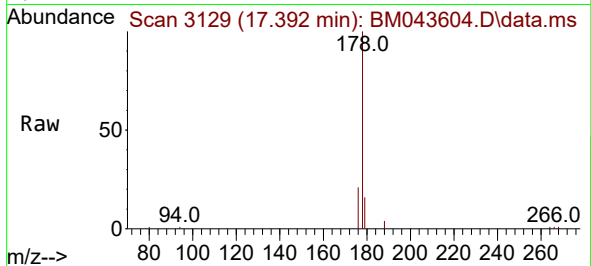




#15
Phenanthrene
Concen: 0.342 ng/ul
RT: 17.392 min Scan# 3129
Delta R.T. 0.000 min
Lab File: BM043604.D
Acq: 27 Dec 2023 12:18

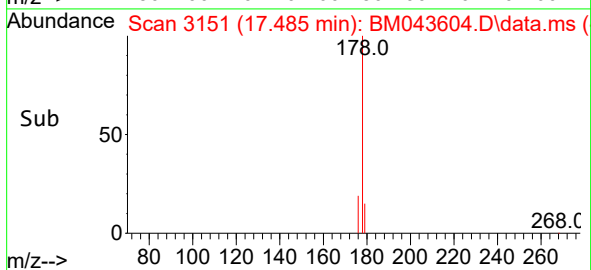
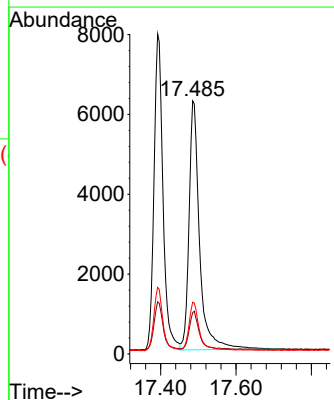
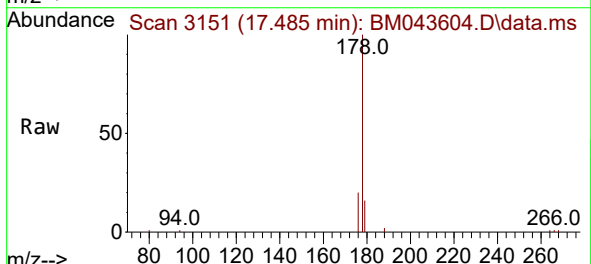
Instrument :
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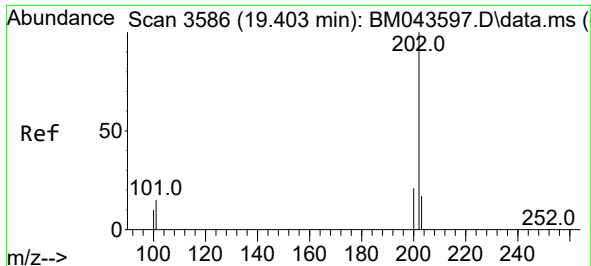
Tgt Ion:	178	Resp:	13015
Ion Ratio	Lower	Upper	
178	100		
179	16.3	12.4	18.6
176	20.8	16.2	24.2



#16
Anthracene
Concen: 0.351 ng/ul
RT: 17.485 min Scan# 3151
Delta R.T. -0.004 min
Lab File: BM043604.D
Acq: 27 Dec 2023 12:18

Tgt Ion:	178	Resp:	12139
Ion Ratio	Lower	Upper	
178	100		
179	16.3	12.6	18.8
176	20.4	15.6	23.4

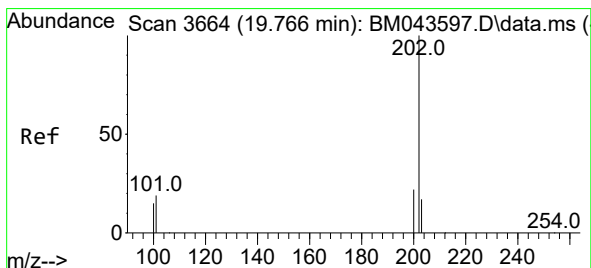
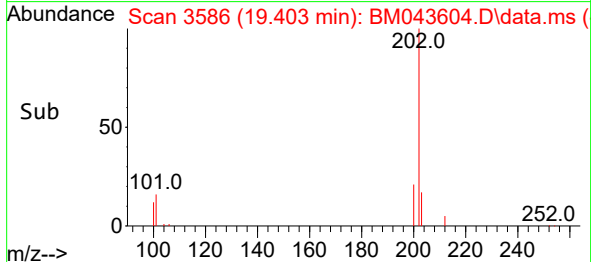
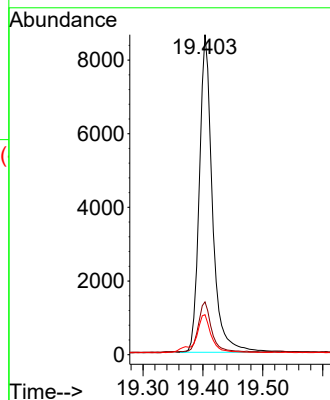
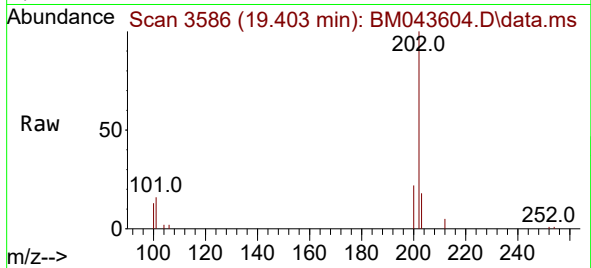




#19
Fluoranthene
Concen: 0.315 ng/ul
RT: 19.403 min Scan# 3586
Delta R.T. 0.000 min
Lab File: BM043604.D
Acq: 27 Dec 2023 12:18

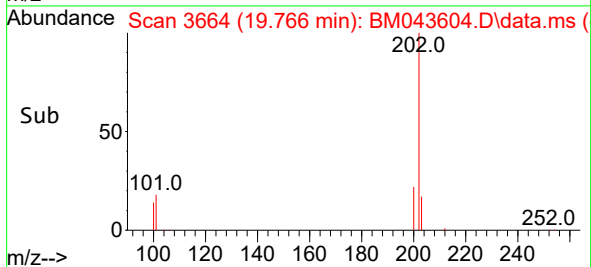
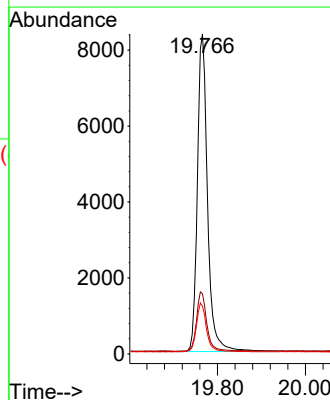
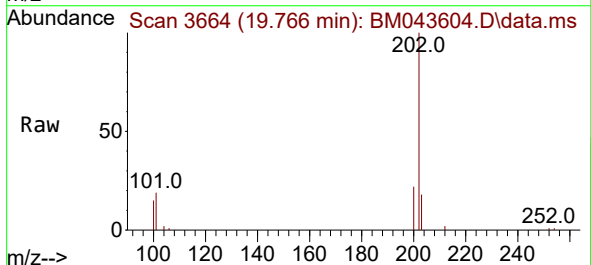
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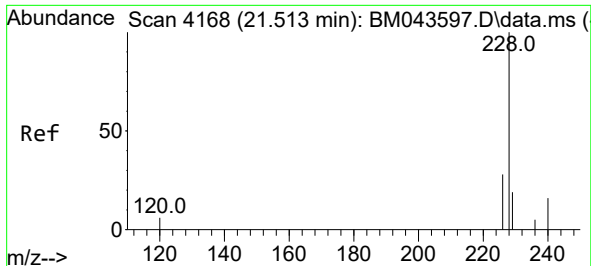
Tgt Ion:202 Resp: 13087
Ion Ratio Lower Upper
202 100
101 16.5 10.1 15.1#
100 12.5 7.4 11.2#



#20
Pyrene
Concen: 0.325 ng/ul
RT: 19.766 min Scan# 3664
Delta R.T. 0.000 min
Lab File: BM043604.D
Acq: 27 Dec 2023 12:18

Tgt Ion:202 Resp: 13414
Ion Ratio Lower Upper
202 100
101 18.8 12.7 19.1
100 15.0 9.8 14.8#

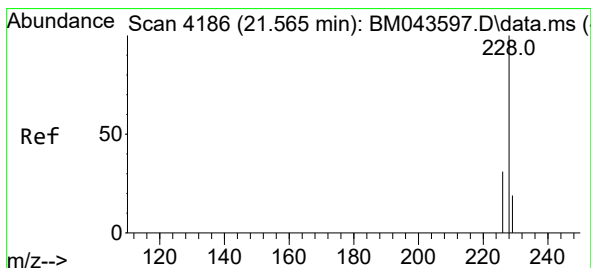
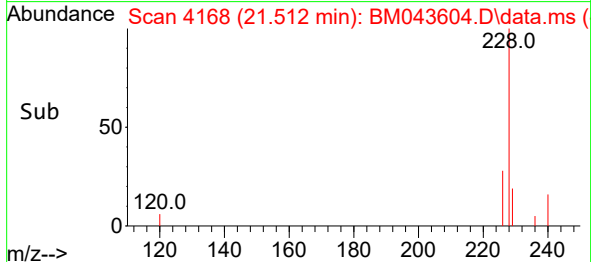
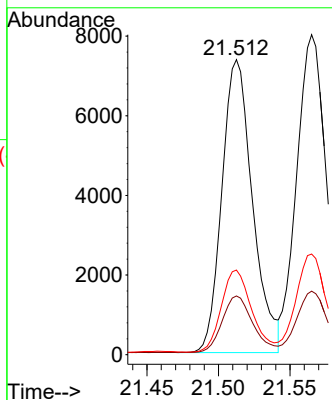
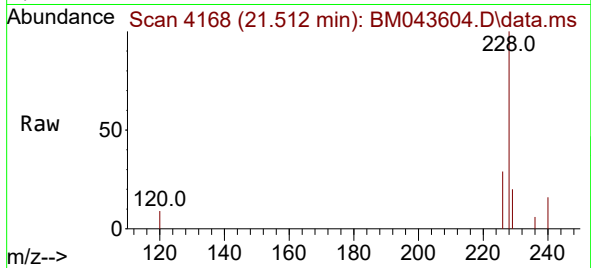




#21
Benzo(a)anthracene
Concen: 0.339 ng/ul
RT: 21.512 min Scan# 4168
Delta R.T. 0.000 min
Lab File: BM043604.D
Acq: 27 Dec 2023 12:18

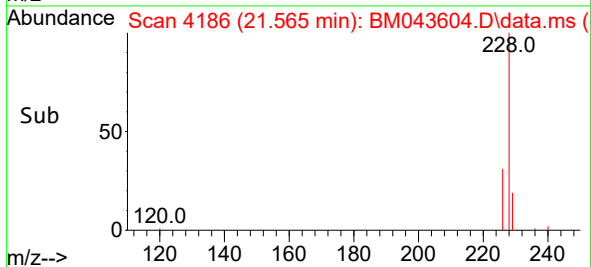
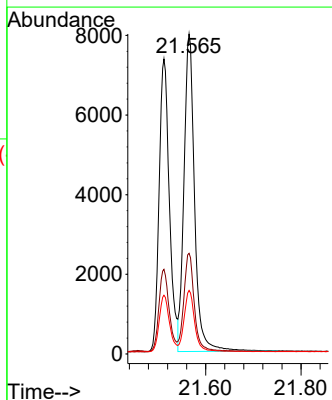
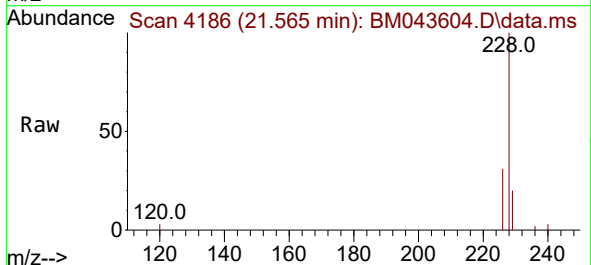
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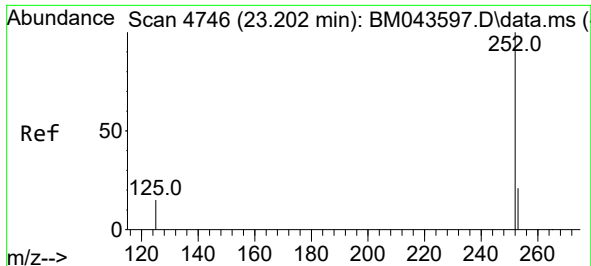
Tgt Ion:228 Resp: 10970
Ion Ratio Lower Upper
228 100
229 19.9 15.5 23.3
226 28.7 22.6 34.0



#22
Chrysene
Concen: 0.361 ng/ul
RT: 21.565 min Scan# 4186
Delta R.T. 0.000 min
Lab File: BM043604.D
Acq: 27 Dec 2023 12:18

Tgt Ion:228 Resp: 12316
Ion Ratio Lower Upper
228 100
226 31.4 24.8 37.2
229 19.9 15.7 23.5

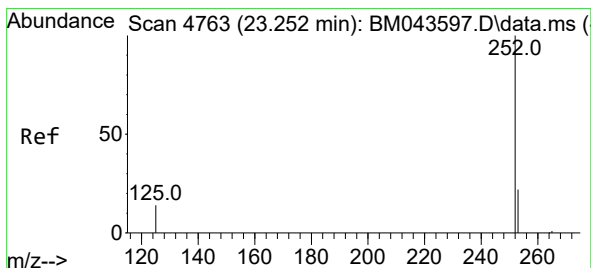
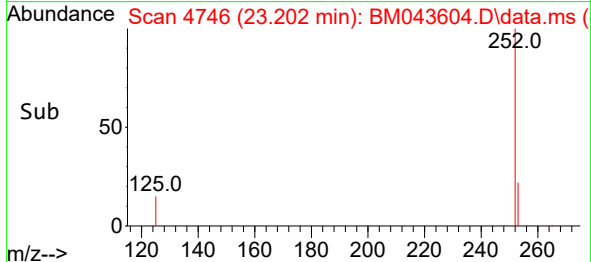
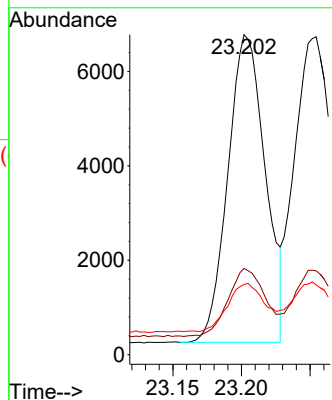
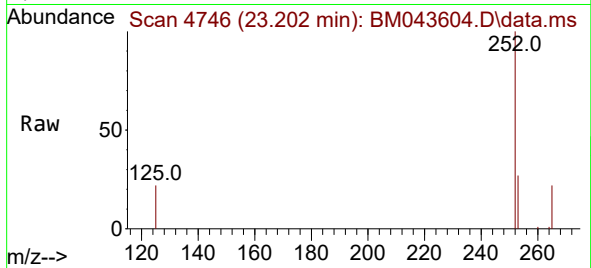




#24
Benzo(b)fluoranthene
Concen: 0.326 ng/ul
RT: 23.202 min Scan# 4746
Delta R.T. -0.003 min
Lab File: BM043604.D
Acq: 27 Dec 2023 12:18

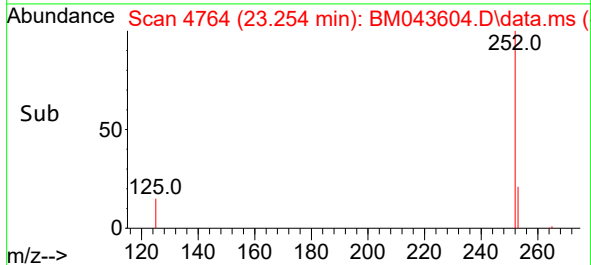
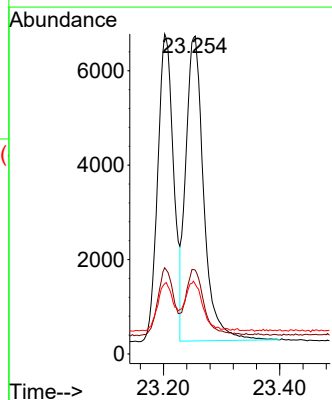
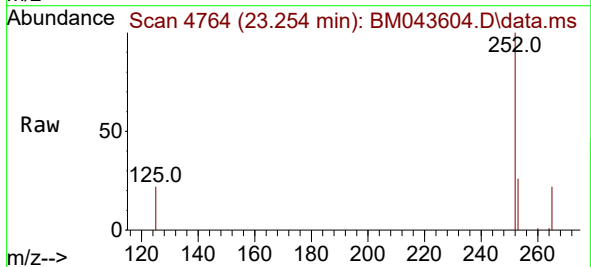
Instrument :
BNA_M
ClientSampleId :
SLCS067

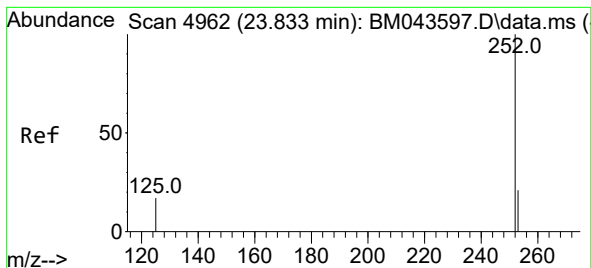
Tgt Ion:252 Resp: 12345
Ion Ratio Lower Upper
252 100
253 26.9 0.0 48.8
125 22.0 0.0 29.2



#25
Benzo(k)fluoranthene
Concen: 0.352 ng/ul
RT: 23.254 min Scan# 4764
Delta R.T. 0.000 min
Lab File: BM043604.D
Acq: 27 Dec 2023 12:18

Tgt Ion:252 Resp: 13821
Ion Ratio Lower Upper
252 100
253 26.4 18.6 28.0
125 22.0 11.8 17.8#





#26

Benzo(a)pyrene

Concen: 0.358 ng/ul

RT: 23.833 min Scan# 4962

Delta R.T. 0.000 min

Lab File: BM043604.D

Acq: 27 Dec 2023 12:18

Instrument :

BNA_M

ClientSampleId :

SLCS067

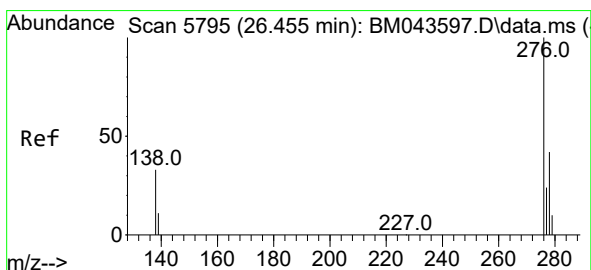
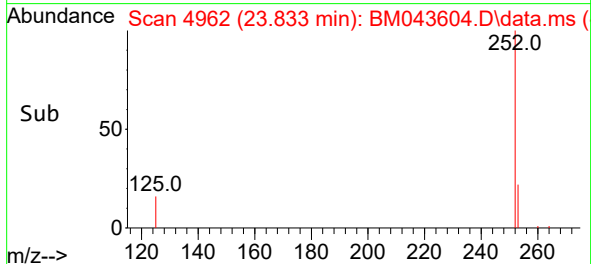
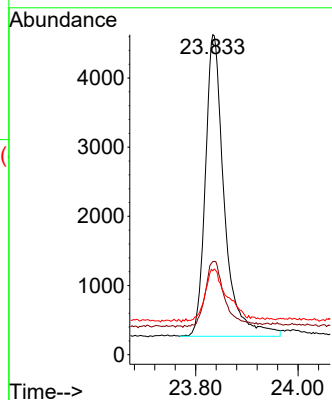
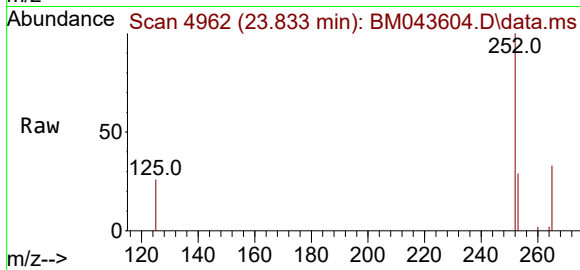
Tgt Ion:252 Resp: 11185

Ion Ratio Lower Upper

252 100

253 29.1 20.2 30.2

125 26.2 13.5 20.3#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.435 ng/ul

RT: 26.458 min Scan# 5796

Delta R.T. -0.000 min

Lab File: BM043604.D

Acq: 27 Dec 2023 12:18

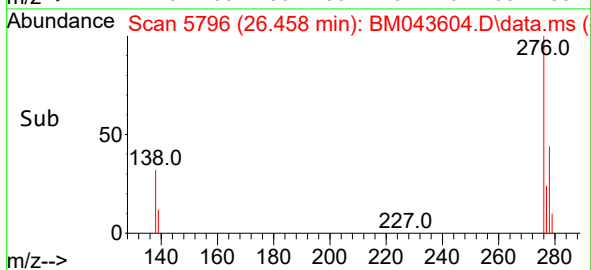
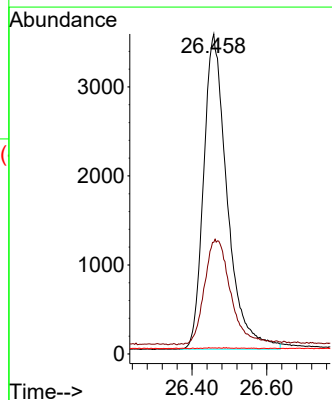
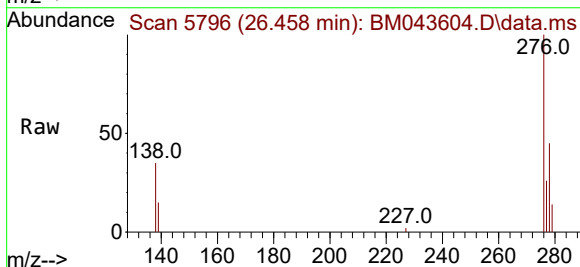
Tgt Ion:276 Resp: 15481

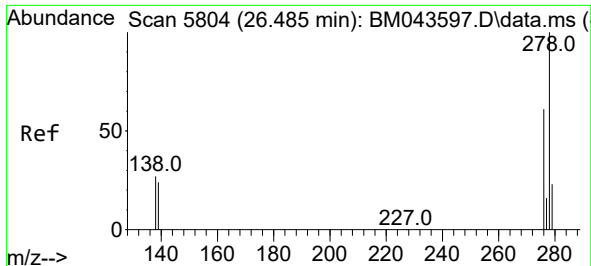
Ion Ratio Lower Upper

276 100

138 36.7 24.6 36.8

227 0.1 0.0 0.0#

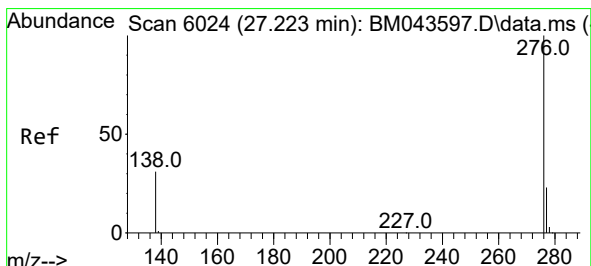
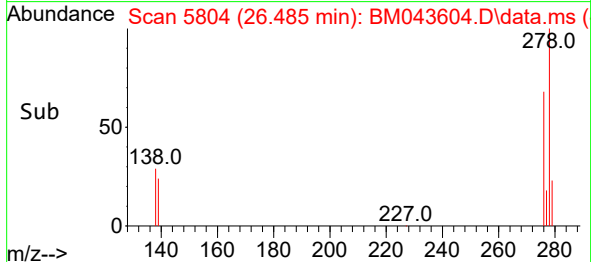
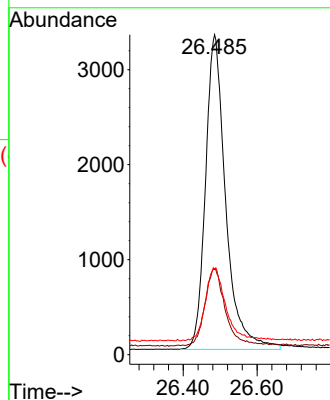
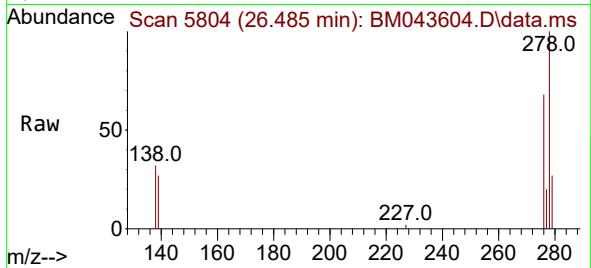




#28
Dibenzo(a,h)anthracene
Concen: 0.446 ng/ul
RT: 26.485 min Scan# 5804
Delta R.T. 0.003 min
Lab File: BM043604.D
Acq: 27 Dec 2023 12:18

Instrument :
BNA_M
ClientSampleId :
SLCS067

Tgt Ion:278 Resp: 12583
Ion Ratio Lower Upper
278 100
139 26.7 17.4 26.2#
279 26.8 20.9 31.3



#29
Benzo(g,h,i)perylene
Concen: 0.438 ng/ul
RT: 27.226 min Scan# 6025
Delta R.T. 0.003 min
Lab File: BM043604.D
Acq: 27 Dec 2023 12:18

Tgt Ion:276 Resp: 13321
Ion Ratio Lower Upper
276 100
138 33.7 23.1 34.7
277 24.9 19.4 29.0

