

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051622\
 Data File : BM035109.D
 Acq On : 16 May 2022 18:12
 Operator : CG/JU
 Sample : PB144633BS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS633

Quant Time: May 17 00:51:29 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM051222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 12 18:15:39 2022
 Response via : Initial Calibration

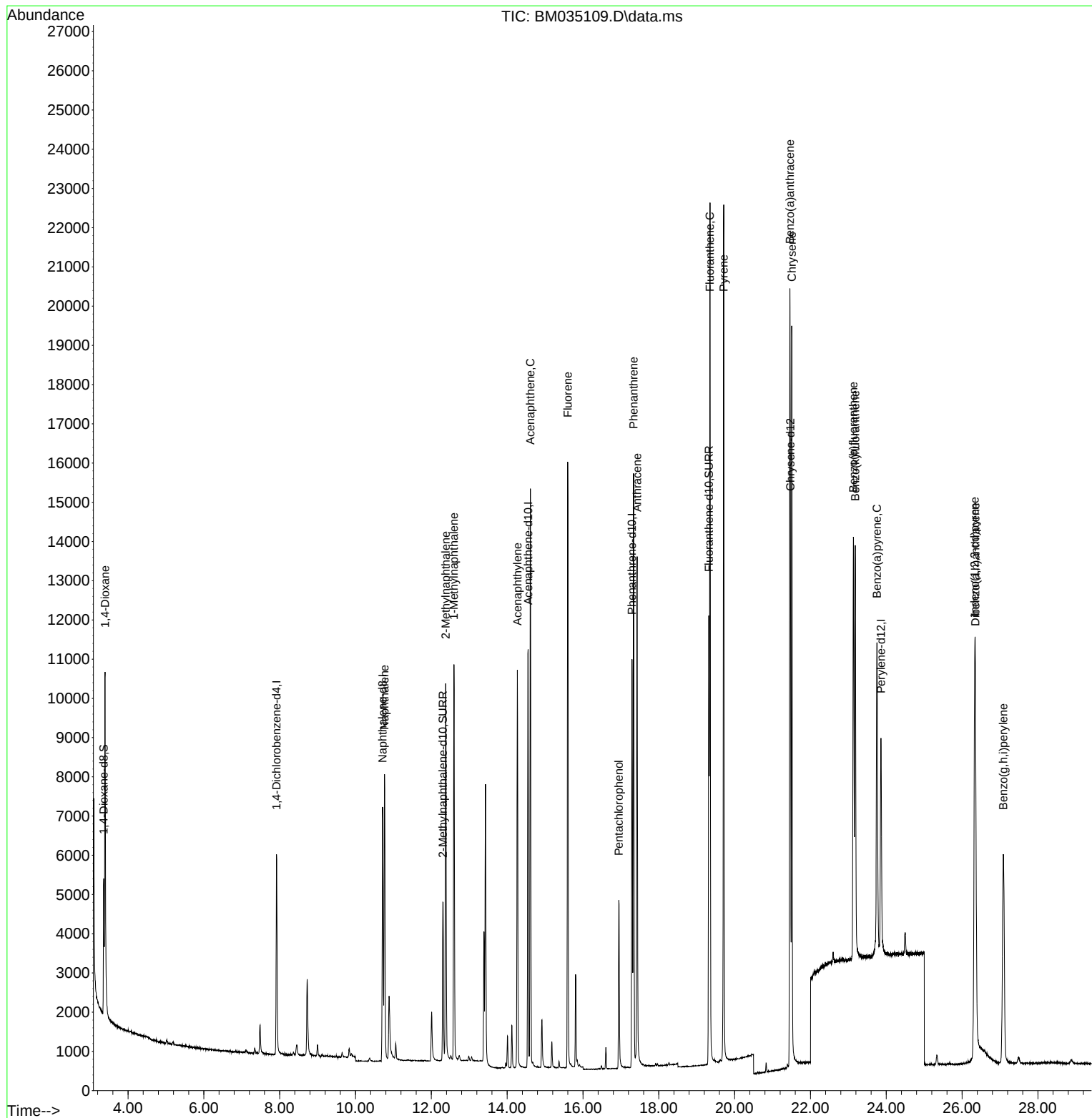
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.917	152	2890	0.400	ng/ul	0.00
4) Naphthalene-d8	10.715	136	9154	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.553	164	5865	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.293	188	12644	0.400	ng/ul #	0.00
17) Chrysene-d12	21.473	240	9439	0.400	ng/ul	0.00
23) Perylene-d12	23.861	264	7680	0.400	ng/ul #	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.361	96	2404	0.694	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.305	152	5698	0.390	ng/ul	0.00
18) Fluoranthene-d10	19.322	212	13219	0.408	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.394	88	5649	1.625	ng/ul#	81
5) Naphthalene	10.765	128	10285	0.340	ng/ul#	88
7) 2-Methylnaphthalene	12.382	142	6978	0.352	ng/ul	99
8) 1-Methylnaphthalene	12.596	142	7012	0.380	ng/ul	99
10) Acenaphthylene	14.270	152	11589	0.334	ng/ul#	90
11) Acenaphthene	14.613	153	8480	0.338	ng/ul	97
12) Fluorene	15.598	166	9881	0.337	ng/ul#	98
14) Pentachlorophenol	16.947	266	2948	0.617	ng/ul	98
15) Phenanthrene	17.335	178	16293	0.338	ng/ul	95
16) Anthracene	17.428	178	14724	0.336	ng/ul#	92
19) Fluoranthene	19.350	202	18752	0.354	ng/ul	96
20) Pyrene	19.713	202	18875	0.351	ng/ul	99
21) Benzo(a)anthracene	21.458	228	15375	0.352	ng/ul	97
22) Chrysene	21.508	228	16298	0.359	ng/ul	98
24) Benzo(b)fluoranthene	23.133	252	14578	0.362	ng/ul	91
25) Benzo(k)fluoranthene	23.182	252	14163	0.368	ng/ul#	91
26) Benzo(a)pyrene	23.755	252	13217	0.361	ng/ul#	85
27) Indeno(1,2,3-cd)pyrene	26.332	276	14788	0.408	ng/ul#	83
28) Dibenzo(a,h)anthracene	26.352	278	12016	0.417	ng/ul	91
29) Benzo(g,h,i)perylene	27.086	276	12647	0.406	ng/ul	94

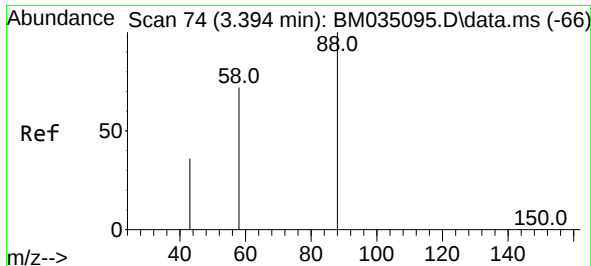
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: May 17 00:51:29 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM051222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 12 18:15:39 2022
Response via : Initial Calibration

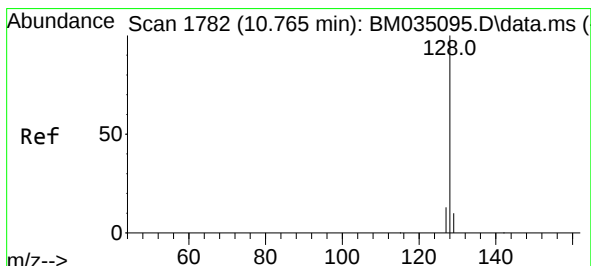
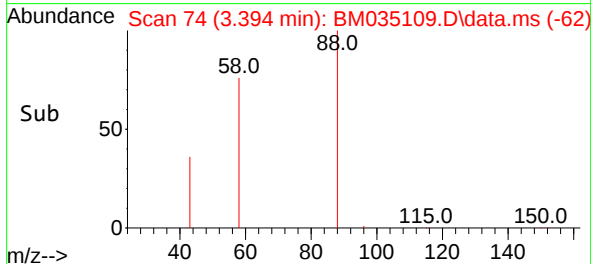
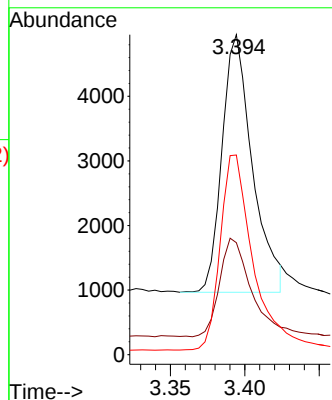
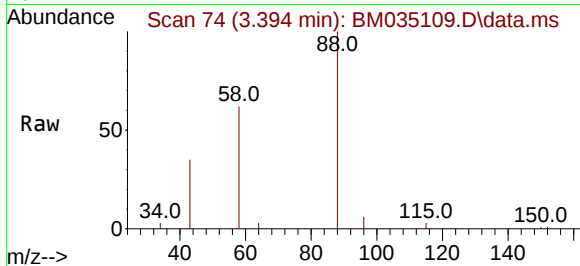




#2
1,4-Dioxane
Concen: 1.625 ng/ul
RT: 3.394 min Scan# 74
Delta R.T. -0.000 min
Lab File: BM035109.D
Acq: 16 May 2022 18:12

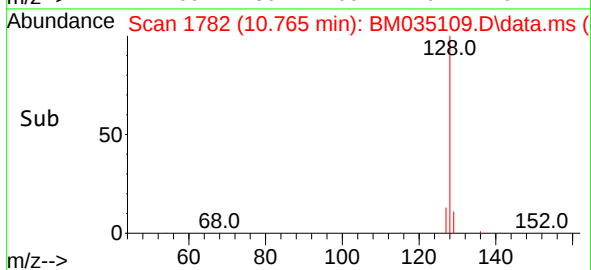
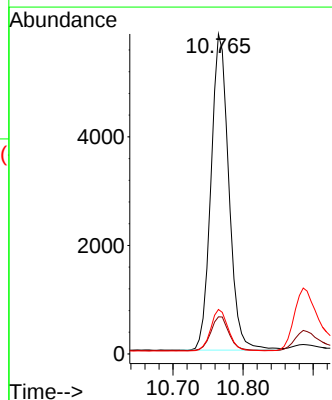
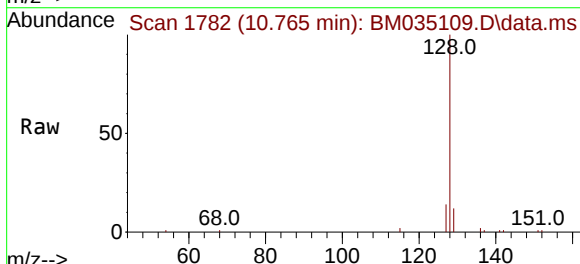
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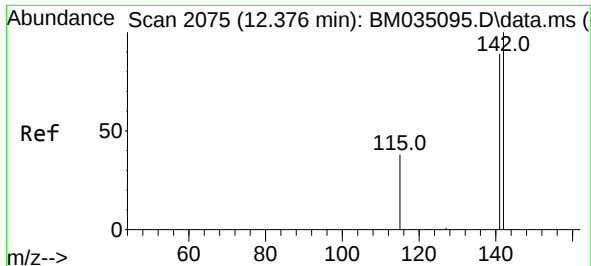
Tgt Ion: 88 Resp: 5649
Ion Ratio Lower Upper
88 100
43 35.0 49.7 74.5#
58 62.4 52.5 78.7



#5
Naphthalene
Concen: 0.340 ng/ul
RT: 10.765 min Scan# 1782
Delta R.T. -0.006 min
Lab File: BM035109.D
Acq: 16 May 2022 18:12

Tgt Ion: 128 Resp: 10285
Ion Ratio Lower Upper
128 100
129 11.6 13.4 20.2#
127 13.9 15.2 22.8#

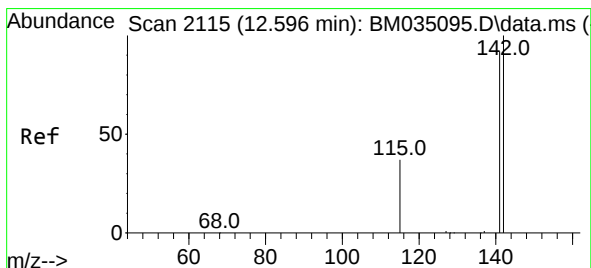
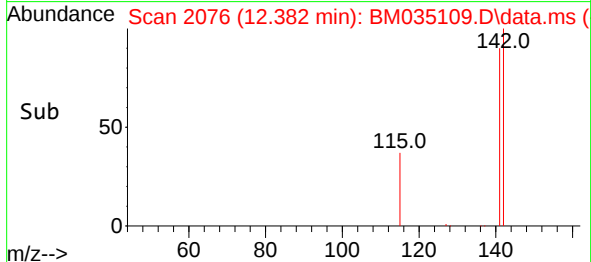
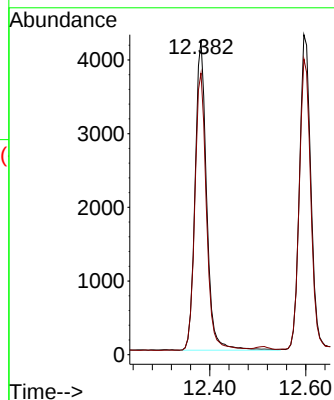
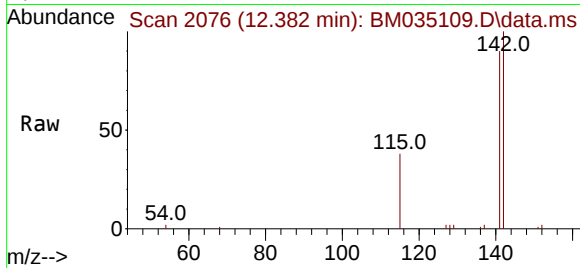




#7
2-Methylnaphthalene
Concen: 0.352 ng/ul
RT: 12.382 min Scan# 2076
Delta R.T. -0.000 min
Lab File: BM035109.D
Acq: 16 May 2022 18:12

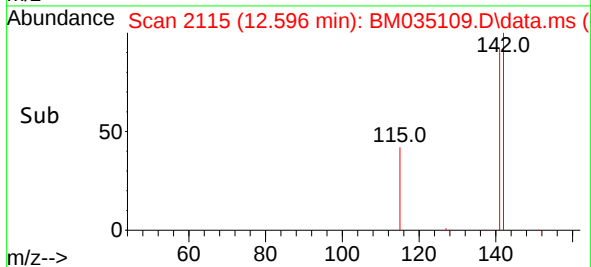
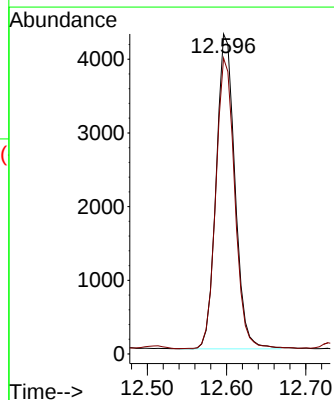
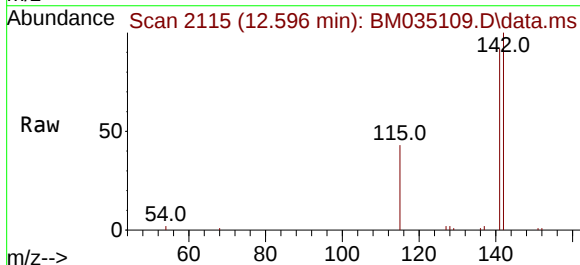
Instrument :
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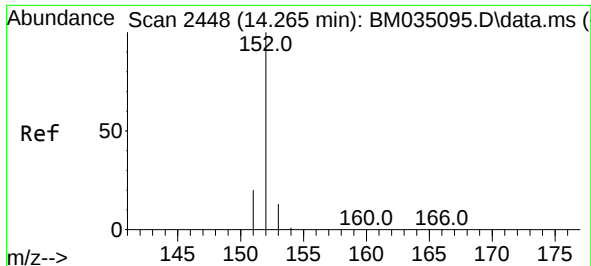
Tgt Ion:142 Resp: 6978
Ion Ratio Lower Upper
142 100
141 90.4 71.8 107.6



#8
1-Methylnaphthalene
Concen: 0.380 ng/ul
RT: 12.596 min Scan# 2115
Delta R.T. -0.006 min
Lab File: BM035109.D
Acq: 16 May 2022 18:12

Tgt Ion:142 Resp: 7012
Ion Ratio Lower Upper
142 100
141 93.0 75.0 112.4

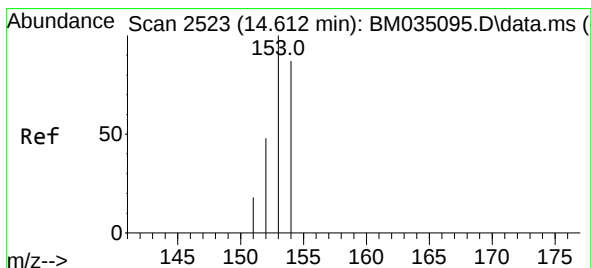
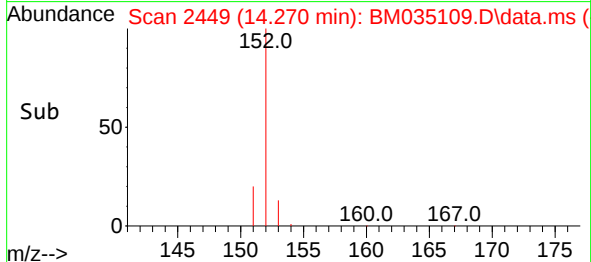
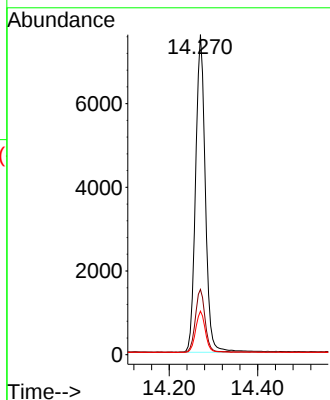
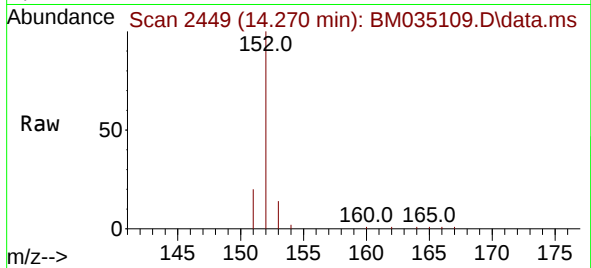




#10
Acenaphthylene
Concen: 0.334 ng/ul
RT: 14.270 min Scan# 2448
Delta R.T. 0.001 min
Lab File: BM035109.D
Acq: 16 May 2022 18:12

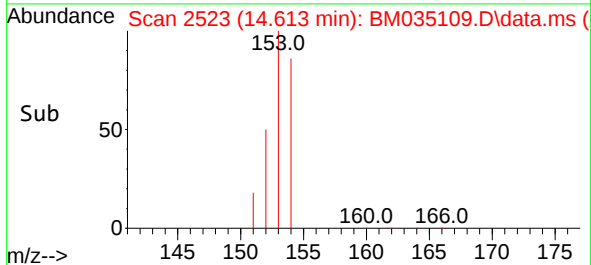
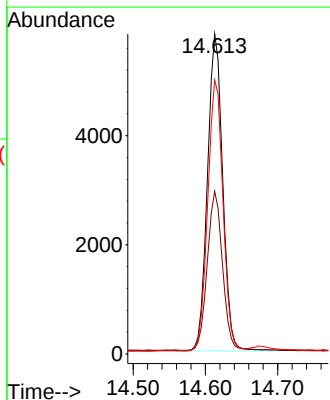
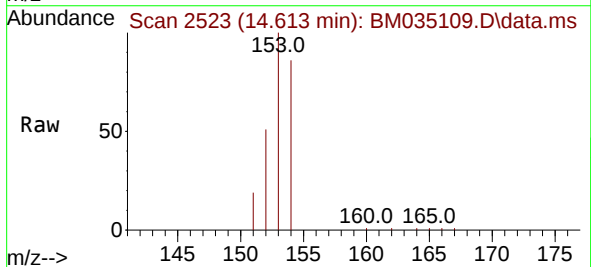
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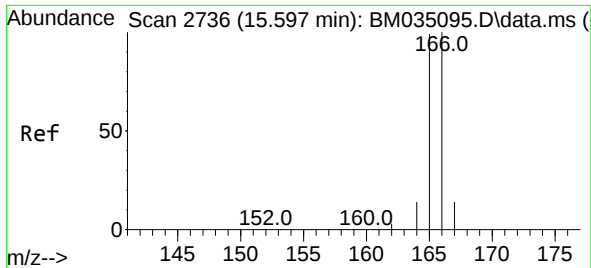
Tgt Ion:152 Resp: 11589
Ion Ratio Lower Upper
152 100
151 20.4 19.9 29.9
153 13.6 15.0 22.4#



#11
Acenaphthene
Concen: 0.338 ng/ul
RT: 14.613 min Scan# 2523
Delta R.T. -0.004 min
Lab File: BM035109.D
Acq: 16 May 2022 18:12

Tgt Ion:153 Resp: 8480
Ion Ratio Lower Upper
153 100
152 50.8 42.4 63.6
154 85.7 66.2 99.2

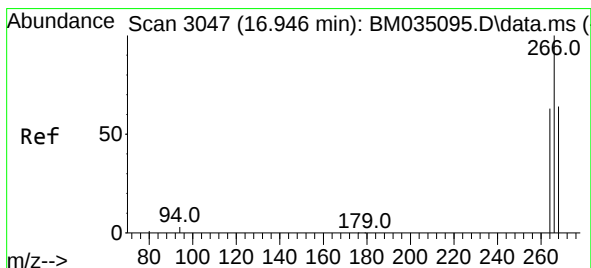
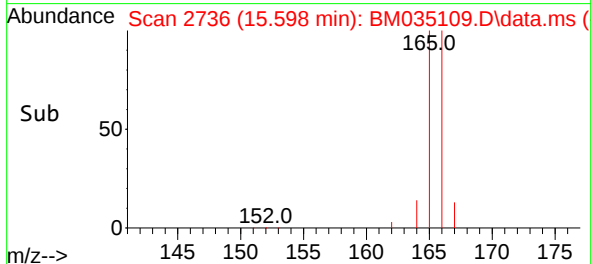
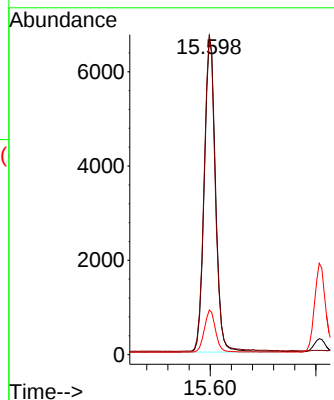
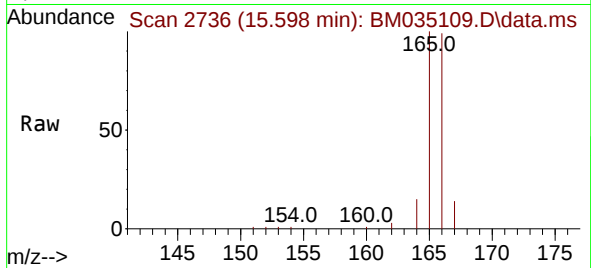




#12
 Fluorene
 Concen: 0.337 ng/ul
 RT: 15.598 min Scan# 21
 Delta R.T. -0.004 min
 Lab File: BM035109.D
 Acq: 16 May 2022 18:12

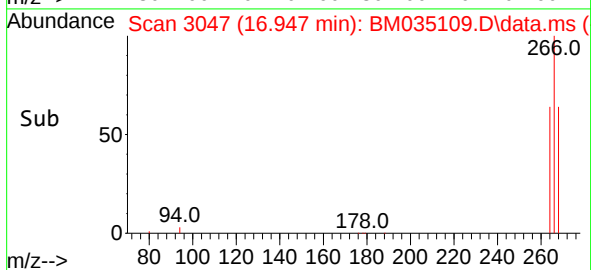
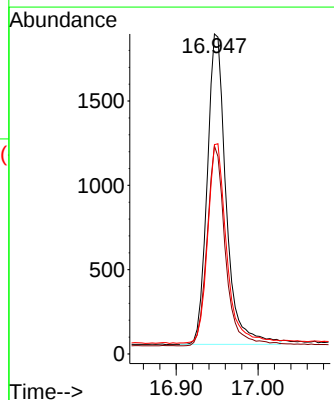
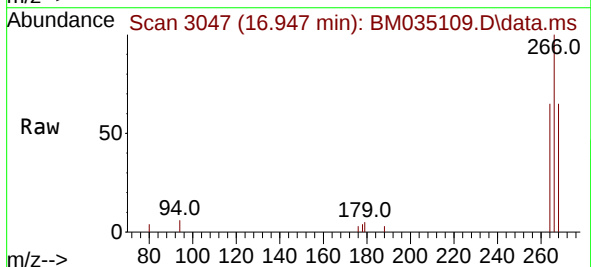
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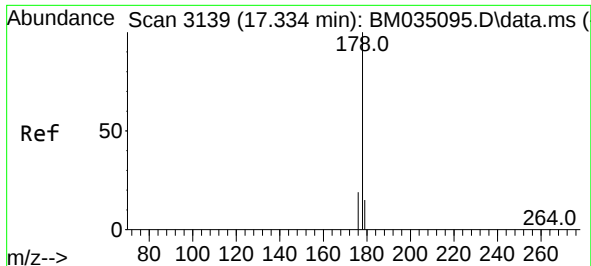
Tgt Ion:166 Resp: 9881
 Ion Ratio Lower Upper
 166 100
 165 100.7 81.1 121.7
 167 14.0 14.9 22.3#



#14
 Pentachlorophenol
 Concen: 0.617 ng/ul
 RT: 16.947 min Scan# 3047
 Delta R.T. 0.001 min
 Lab File: BM035109.D
 Acq: 16 May 2022 18:12

Tgt Ion:266 Resp: 2948
 Ion Ratio Lower Upper
 266 100
 264 62.9 51.4 77.0
 268 64.4 53.1 79.7

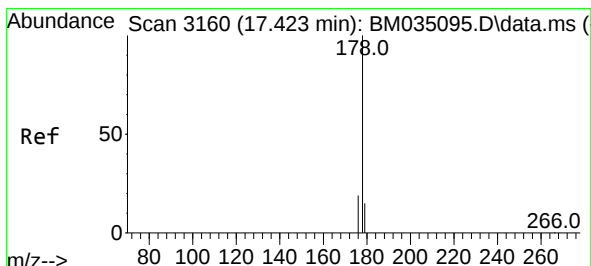
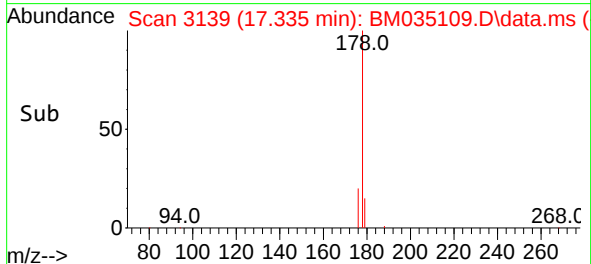
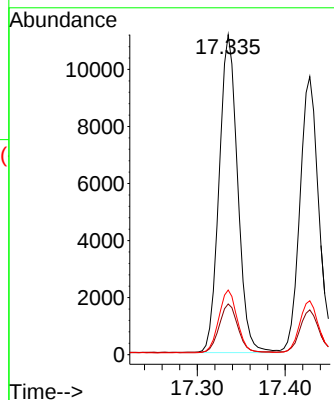
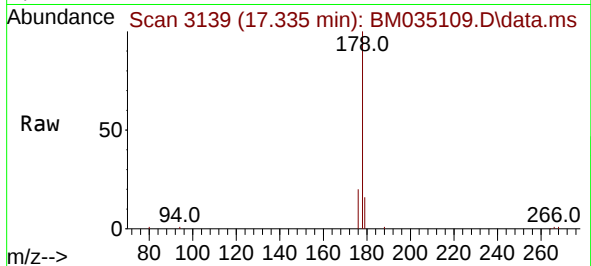




#15
Phenanthrene
Concen: 0.338 ng/ul
RT: 17.335 min Scan# 3139
Delta R.T. 0.001 min
Lab File: BM035109.D
Acq: 16 May 2022 18:12

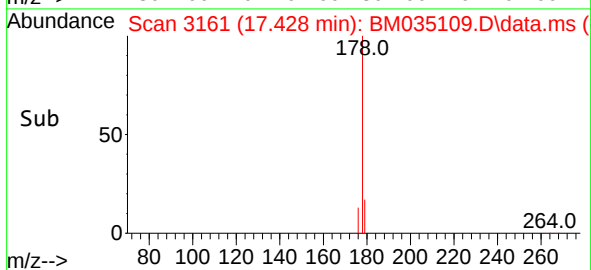
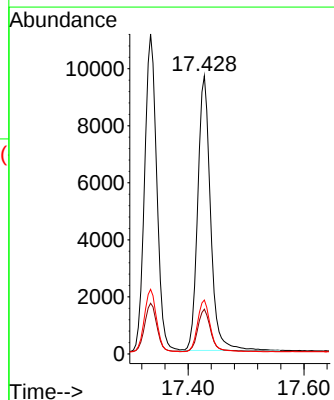
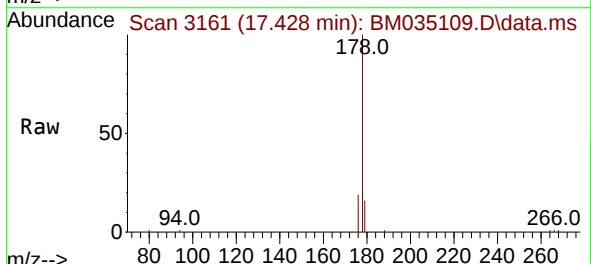
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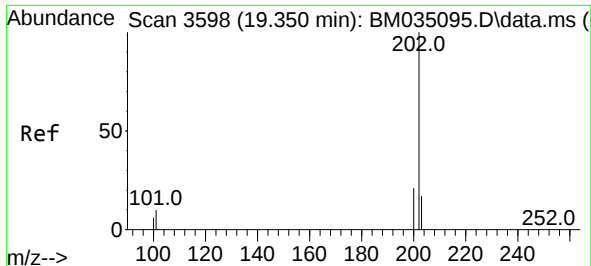
Tgt Ion:178 Resp: 16293
Ion Ratio Lower Upper
178 100
179 15.9 15.0 22.6
176 20.2 17.9 26.9



#16
Anthracene
Concen: 0.336 ng/ul
RT: 17.428 min Scan# 3161
Delta R.T. 0.001 min
Lab File: BM035109.D
Acq: 16 May 2022 18:12

Tgt Ion:178 Resp: 14724
Ion Ratio Lower Upper
178 100
179 16.1 16.5 24.7#
176 19.4 18.3 27.5

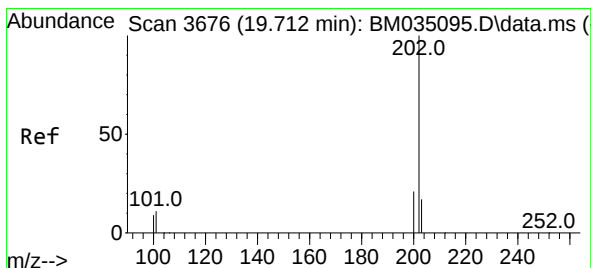
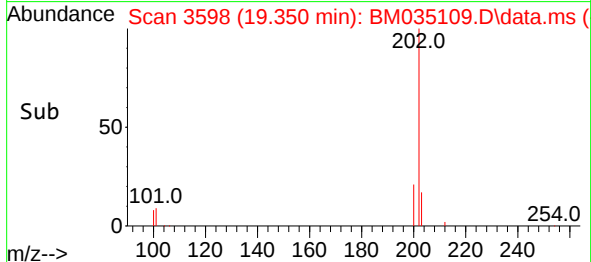
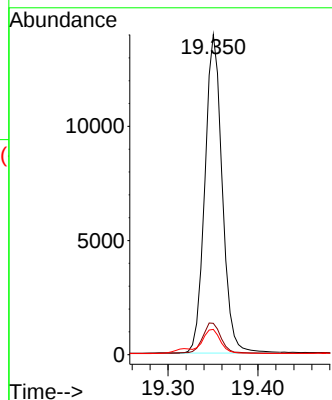
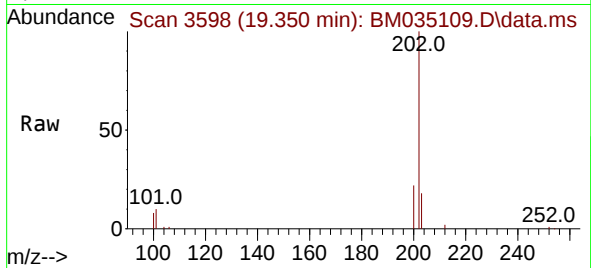




#19
Fluoranthene
Concen: 0.354 ng/ul
RT: 19.350 min Scan# 3598
Delta R.T. 0.001 min
Lab File: BM035109.D
Acq: 16 May 2022 18:12

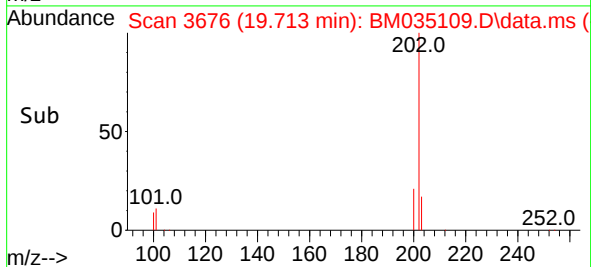
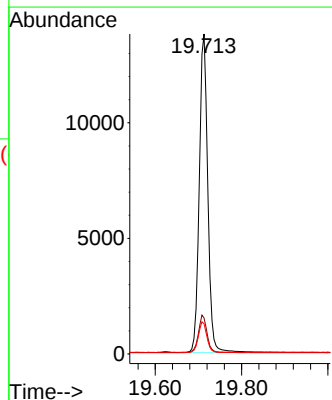
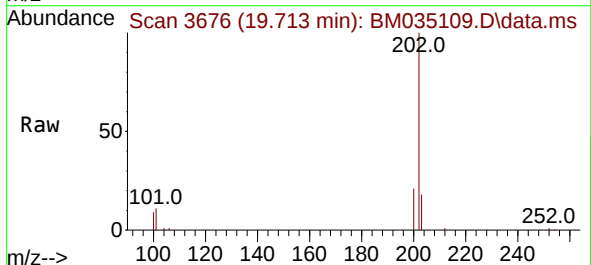
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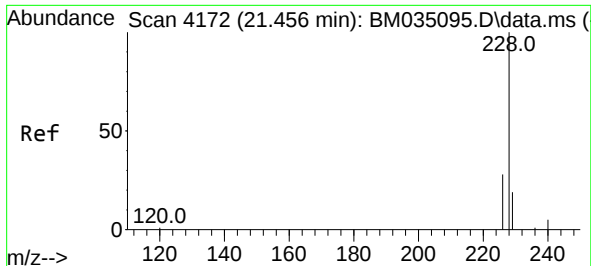
Tgt Ion:202 Resp: 18752
Ion Ratio Lower Upper
202 100
101 9.8 9.2 13.8
100 7.9 7.2 10.8



#20
Pyrene
Concen: 0.351 ng/ul
RT: 19.713 min Scan# 3676
Delta R.T. 0.001 min
Lab File: BM035109.D
Acq: 16 May 2022 18:12

Tgt Ion:202 Resp: 18875
Ion Ratio Lower Upper
202 100
101 11.2 9.3 13.9
100 9.4 7.8 11.6

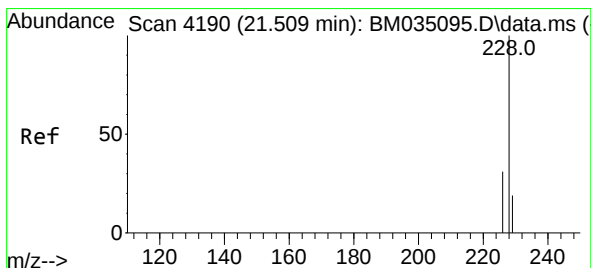
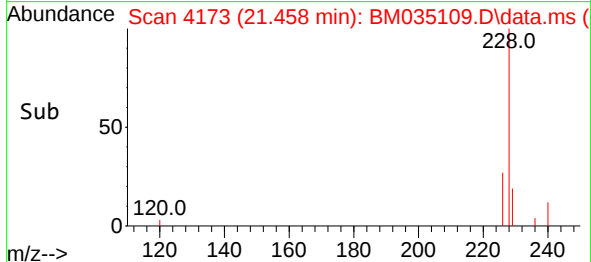
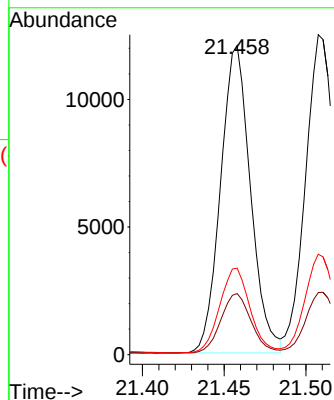
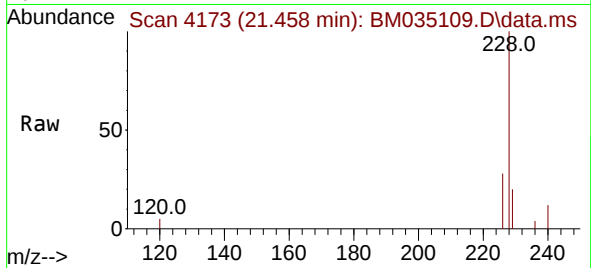




#21
Benzo(a)anthracene
Concen: 0.352 ng/ul
RT: 21.458 min Scan# 4173
Delta R.T. -0.001 min
Lab File: BM035109.D
Acq: 16 May 2022 18:12

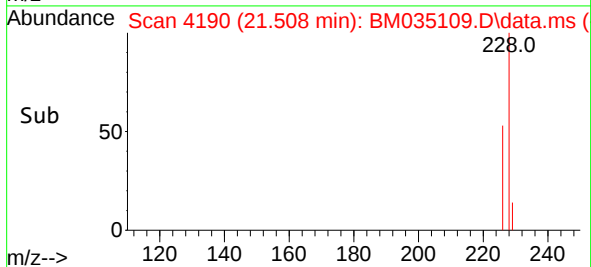
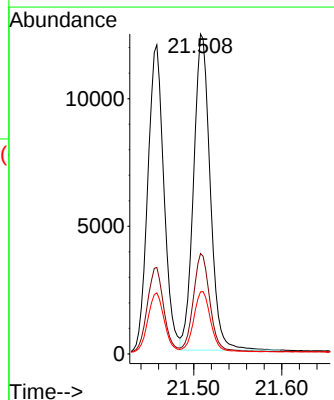
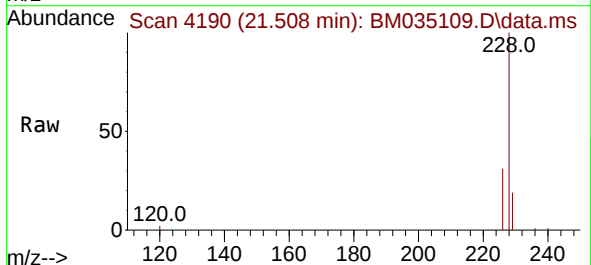
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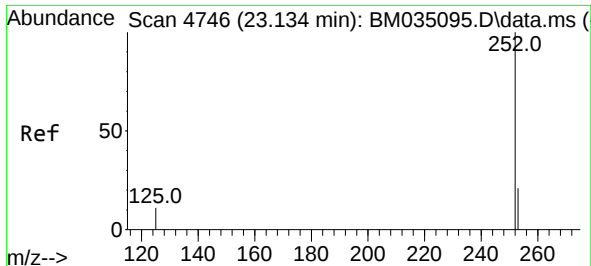
Tgt Ion:228 Resp: 15375
Ion Ratio Lower Upper
228 100
229 19.8 17.3 25.9
226 28.0 23.2 34.8



#22
Chrysene
Concen: 0.359 ng/ul
RT: 21.508 min Scan# 4190
Delta R.T. -0.004 min
Lab File: BM035109.D
Acq: 16 May 2022 18:12

Tgt Ion:228 Resp: 16298
Ion Ratio Lower Upper
228 100
226 31.4 25.8 38.8
229 19.4 16.7 25.1

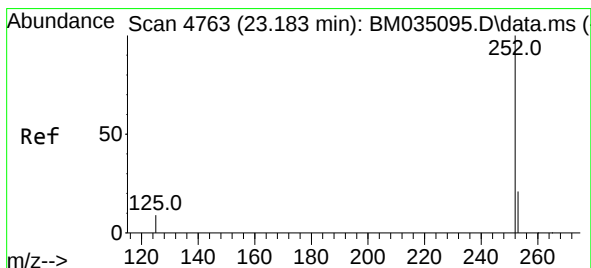
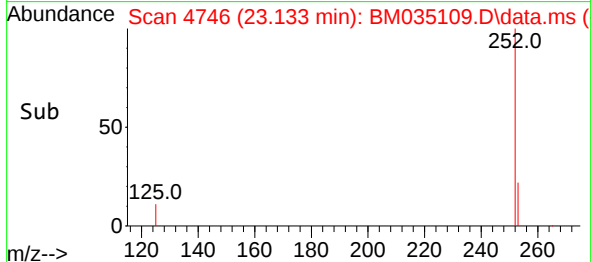
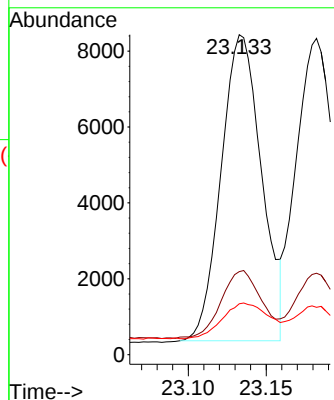
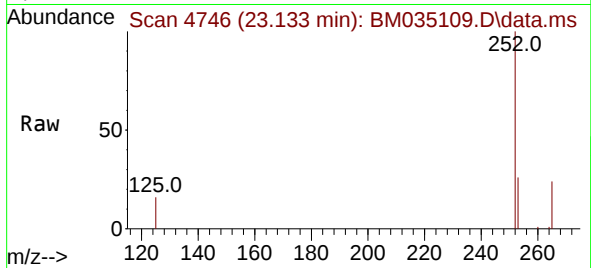




#24
Benzo(b)fluoranthene
Concen: 0.362 ng/ul
RT: 23.133 min Scan# 4746
Delta R.T. -0.001 min
Lab File: BM035109.D
Acq: 16 May 2022 18:12

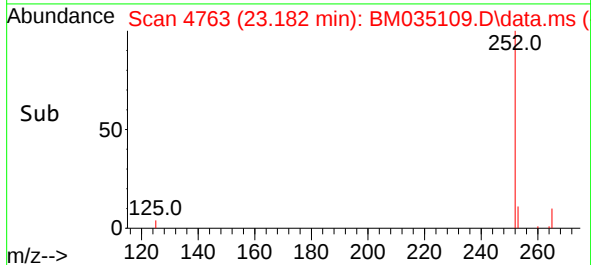
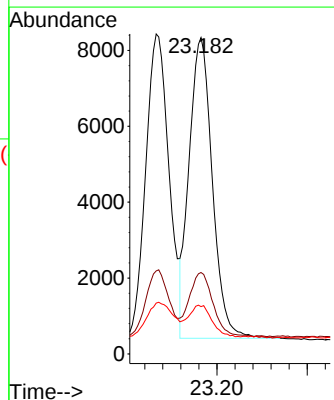
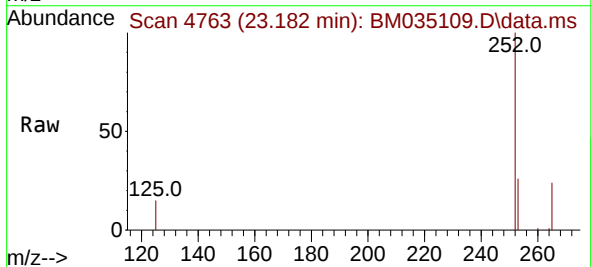
Instrument :
BNA_M
ClientSampleId :
SLCS633

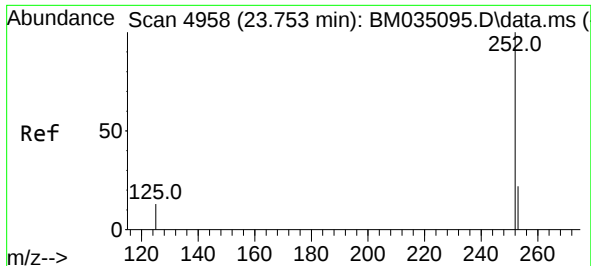
Tgt Ion:252	Resp:	14578
Ion Ratio	Lower	Upper
252	100	
253	25.9	0.0 64.2
125	15.9	0.0 28.8



#25
Benzo(k)fluoranthene
Concen: 0.368 ng/ul
RT: 23.182 min Scan# 4763
Delta R.T. 0.002 min
Lab File: BM035109.D
Acq: 16 May 2022 18:12

Tgt Ion:252	Resp:	14163
Ion Ratio	Lower	Upper
252	100	
253	25.8	26.8 40.2#
125	15.0	12.0 18.0

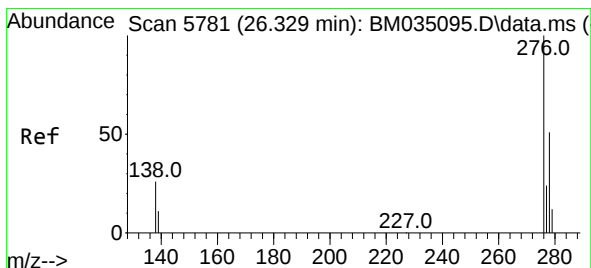
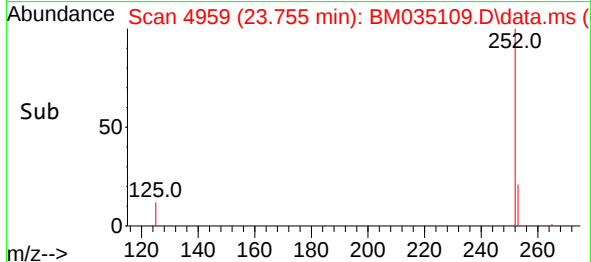
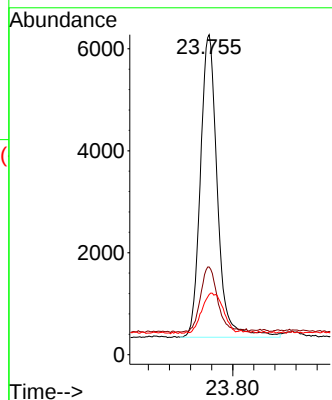
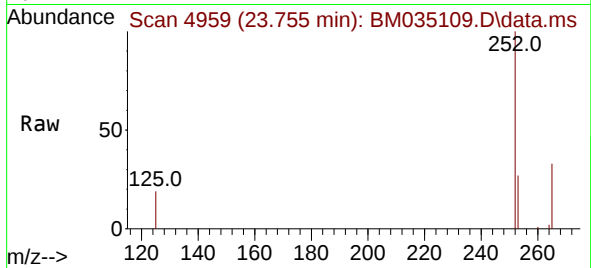




#26
Benzo(a)pyrene
Concen: 0.361 ng/ul
RT: 23.755 min Scan# 4958
Delta R.T. 0.005 min
Lab File: BM035109.D
Acq: 16 May 2022 18:12

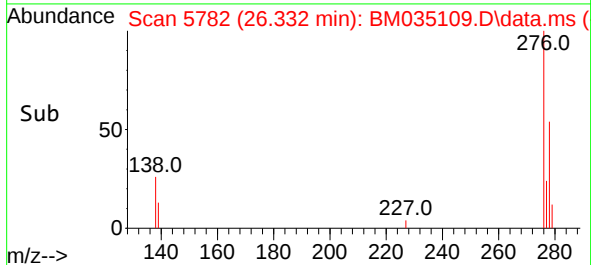
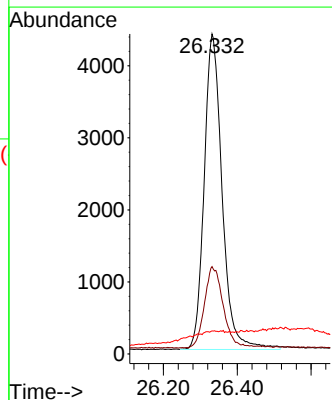
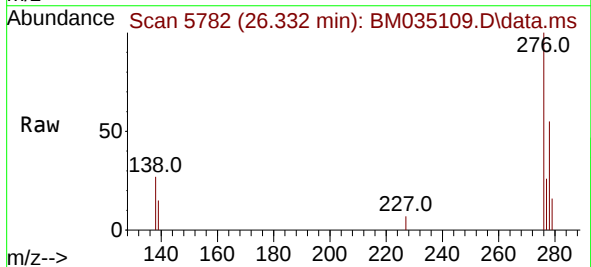
Instrument :
BNA_M
ClientSampleId :
SLCS633

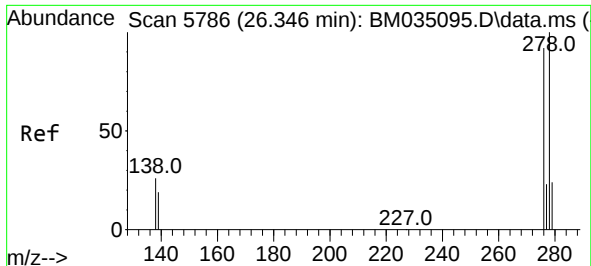
Tgt Ion:252 Resp: 13217
Ion Ratio Lower Upper
252 100
253 27.4 32.0 48.0#
125 18.8 14.5 21.7



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.408 ng/ul
RT: 26.332 min Scan# 5782
Delta R.T. 0.006 min
Lab File: BM035109.D
Acq: 16 May 2022 18:12

Tgt Ion:276 Resp: 14788
Ion Ratio Lower Upper
276 100
138 27.3 15.8 23.6#
227 0.0 0.0 0.0

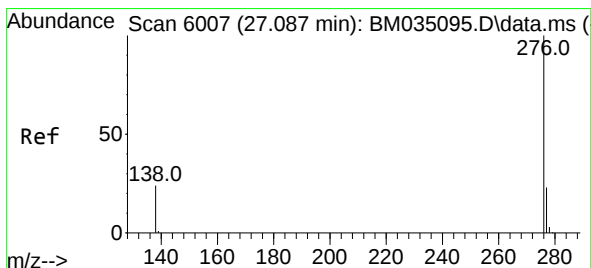
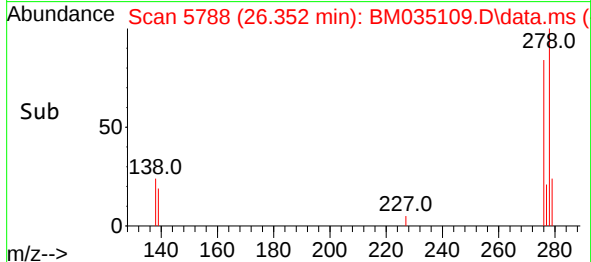
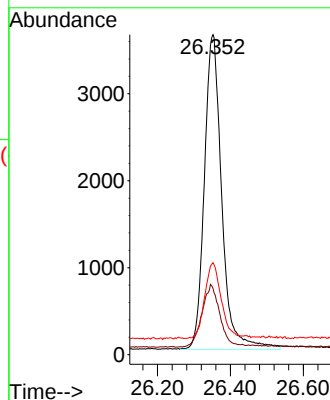
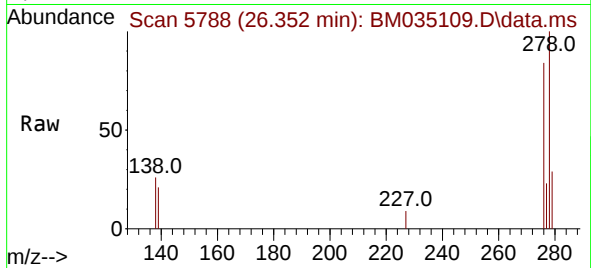




#28
Dibenzo(a,h)anthracene
Concen: 0.417 ng/ul
RT: 26.352 min Scan# 51
Delta R.T. 0.009 min
Lab File: BM035109.D
Acq: 16 May 2022 18:12

Instrument :
BNA_M
ClientSampleId :
SLCS633

Tgt Ion:278 Resp: 12016
Ion Ratio Lower Upper
278 100
139 20.7 18.0 27.0
279 28.8 28.6 42.8



#29
Benzo(g,h,i)perylene
Concen: 0.406 ng/ul
RT: 27.086 min Scan# 6007
Delta R.T. 0.006 min
Lab File: BM035109.D
Acq: 16 May 2022 18:12

Tgt Ion:276 Resp: 12647
Ion Ratio Lower Upper
276 100
138 24.8 17.4 26.0
277 25.4 22.6 33.8

