

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050523\
 Data File : BM039835.D
 Acq On : 05 May 2023 08:29
 Operator : CG/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD0.4097

Quant Time: May 06 02:12:03 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM042723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 05 18:01:55 2023
 Response via : Initial Calibration

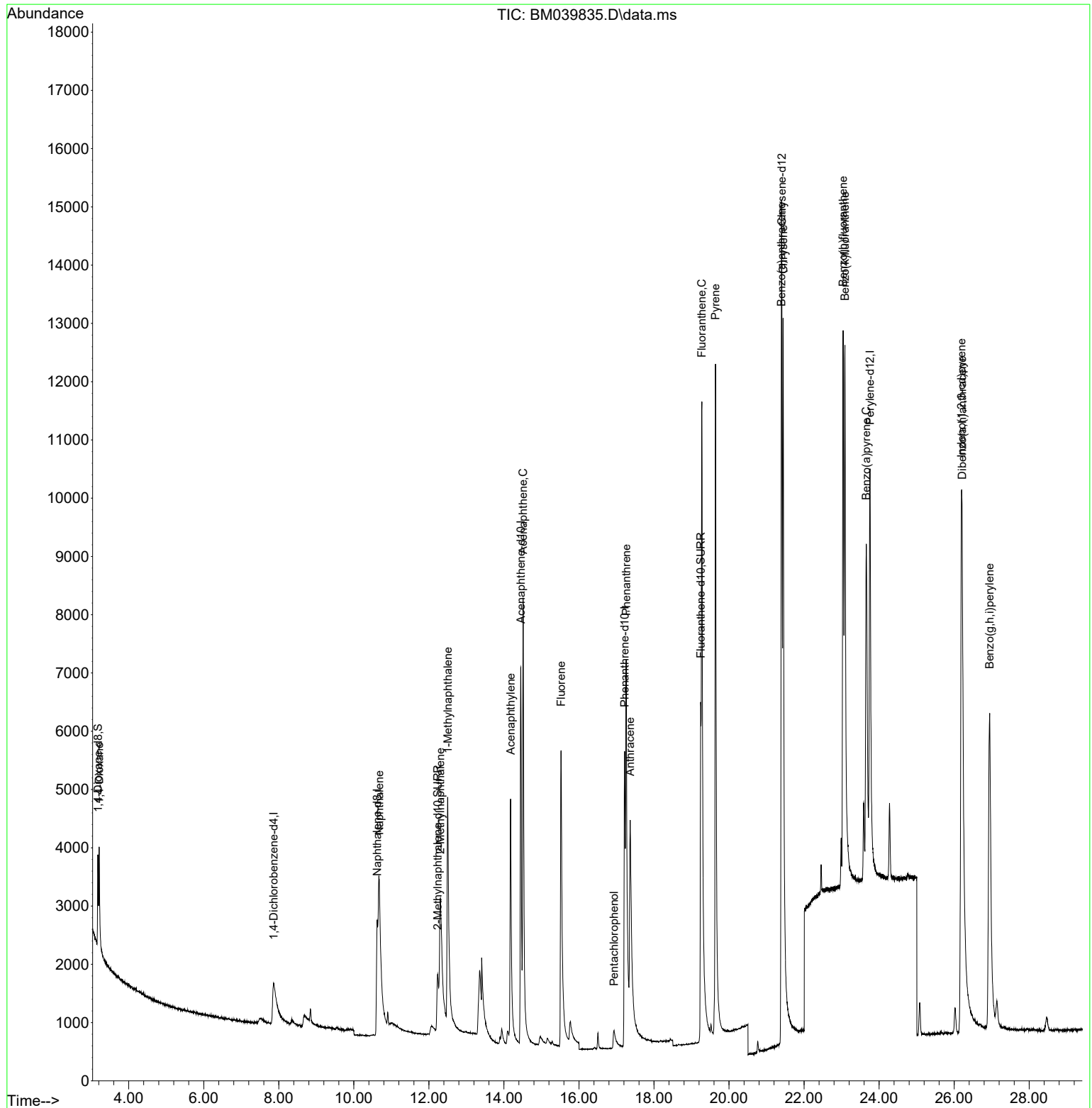
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.863	152	1782	0.400	ng/ul	0.00
4) Naphthalene-d8	10.622	136	8360	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.451	164	5186	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.217	188	10081	0.400	ng/ul	0.00
17) Chrysene-d12	21.407	240	11102	0.400	ng/ul	0.00
23) Perylene-d12	23.757	264	12124	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.180	96	1131	0.431	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.234	152	4042	0.377	ng/ul	0.00
18) Fluoranthene-d10	19.243	212	10518	0.352	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.214	88	1174	0.432	ng/ul#	37
5) Naphthalene	10.677	128	7602	0.362	ng/ul#	94
7) 2-Methylnaphthalene	12.305	142	4370	0.361	ng/ul	99
8) 1-Methylnaphthalene	12.503	142	4846	0.373	ng/ul	100
10) Acenaphthylene	14.178	152	8253	0.411	ng/ul	98
11) Acenaphthene	14.511	153	6289	0.399	ng/ul	98
12) Fluorene	15.524	166	6881	0.393	ng/ul	99
14) Pentachlorophenol	16.934	266	643	0.293	ng/ul	97
15) Phenanthrene	17.259	178	10520	0.396	ng/ul	99
16) Anthracene	17.364	178	8558	0.375	ng/ul	99
19) Fluoranthene	19.276	202	13695	0.346	ng/ul	99
20) Pyrene	19.638	202	15704	0.367	ng/ul	99
21) Benzo(a)anthracene	21.392	228	11721	0.367	ng/ul	98
22) Chrysene	21.442	228	14380	0.398	ng/ul	100
24) Benzo(b)fluoranthene	23.040	252	14520	0.341	ng/ul	99
25) Benzo(k)fluoranthene	23.087	252	15214	0.351	ng/ul	99
26) Benzo(a)pyrene	23.657	252	14226	0.372	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	26.192	276	19488	0.403	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.213	278	14929	0.398	ng/ul	99
29) Benzo(g,h,i)perylene	26.947	276	17226	0.409	ng/ul	98

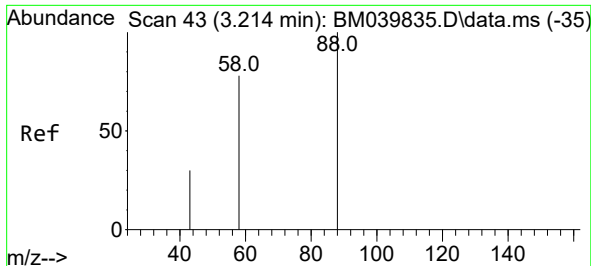
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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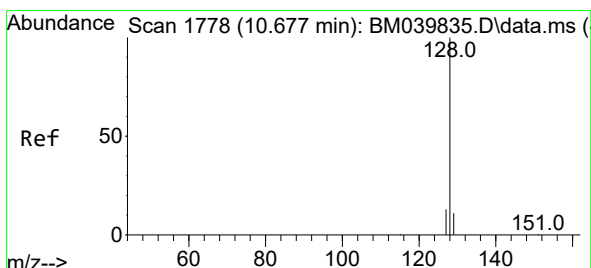
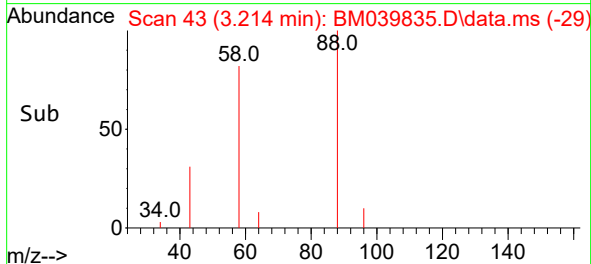
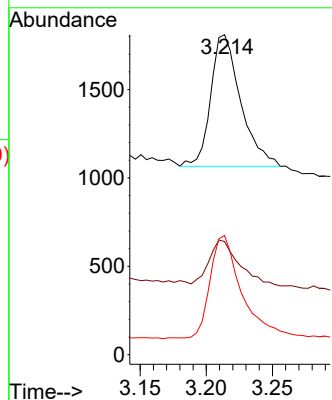
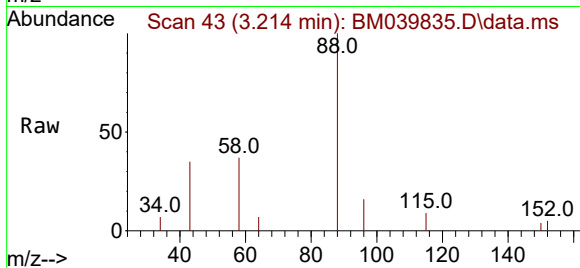




#2
1,4-Dioxane
Concen: 0.432 ng/ul
RT: 3.214 min Scan# 41
Delta R.T. 0.000 min
Lab File: BM039835.D
Acq: 05 May 2023 08:29

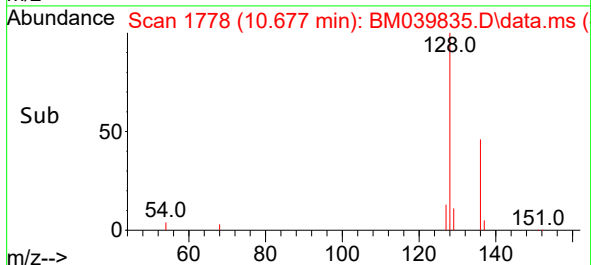
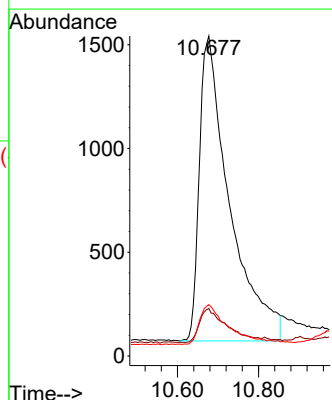
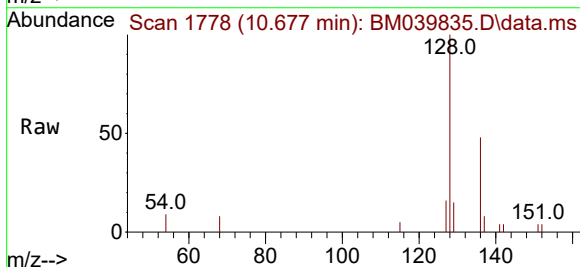
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BNA_M
ClientSampleId :
SSTD0.4097

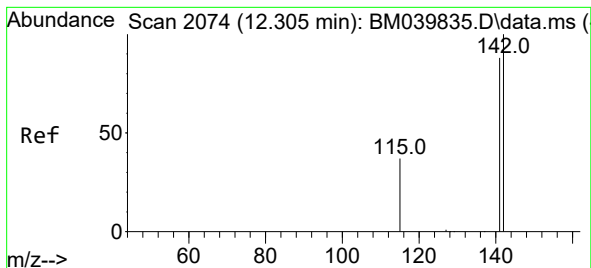
Tgt Ion: 88 Resp: 1174
Ion Ratio Lower Upper
88 100
43 35.4 102.6 153.8#
58 37.2 40.6 61.0#



#5
Naphthalene
Concen: 0.362 ng/ul
RT: 10.677 min Scan# 1778
Delta R.T. 0.000 min
Lab File: BM039835.D
Acq: 05 May 2023 08:29

Tgt Ion: 128 Resp: 7602
Ion Ratio Lower Upper
128 100
129 14.9 9.8 14.6#
127 16.1 11.1 16.7

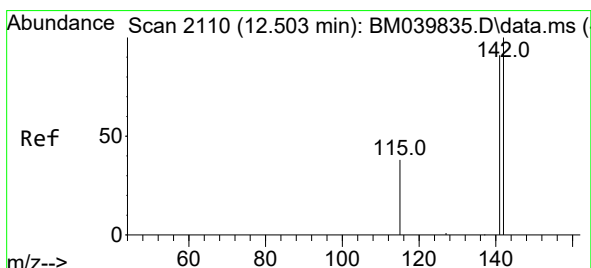
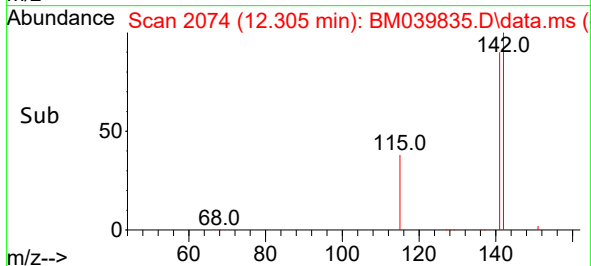
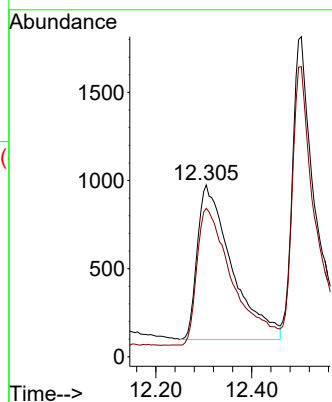
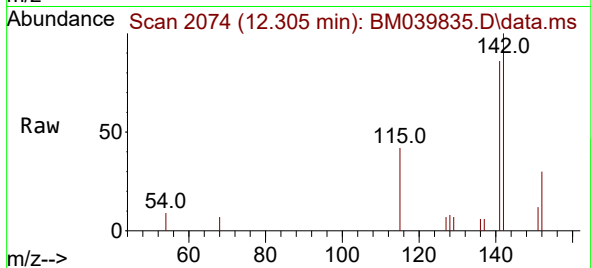




#7
2-Methylnaphthalene
Concen: 0.361 ng/ul
RT: 12.305 min Scan# 2074
Delta R.T. 0.000 min
Lab File: BM039835.D
Acq: 05 May 2023 08:29

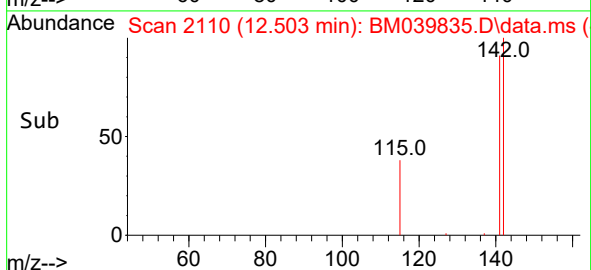
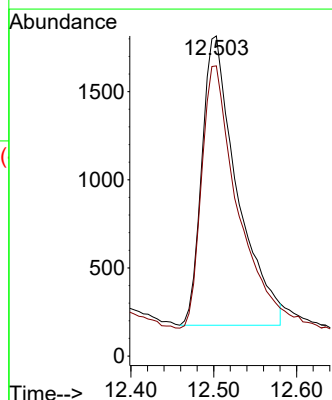
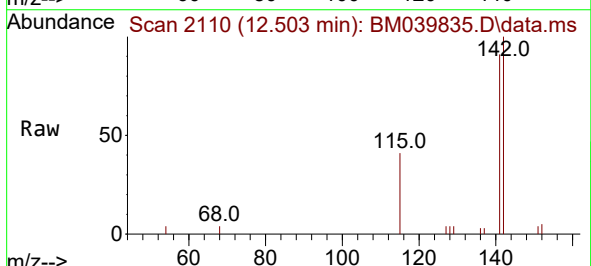
Instrument :
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ClientSampleId :
SSTD0.4097

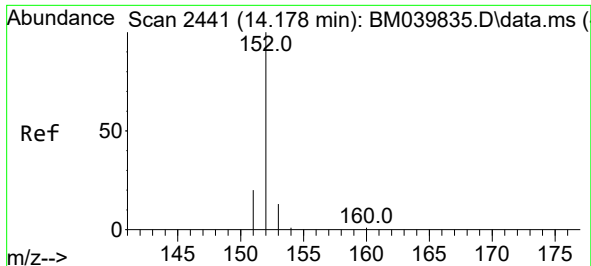
Tgt Ion:142 Resp: 4370
Ion Ratio Lower Upper
142 100
141 92.8 73.2 109.8



#8
1-Methylnaphthalene
Concen: 0.373 ng/ul
RT: 12.503 min Scan# 2110
Delta R.T. 0.000 min
Lab File: BM039835.D
Acq: 05 May 2023 08:29

Tgt Ion:142 Resp: 4846
Ion Ratio Lower Upper
142 100
141 91.9 73.4 110.2

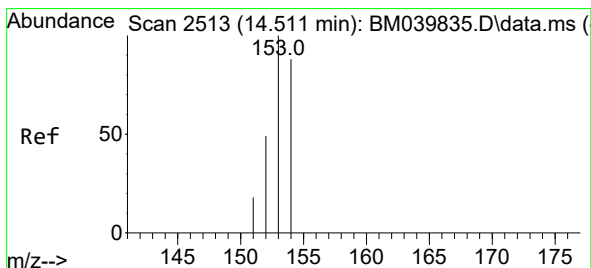
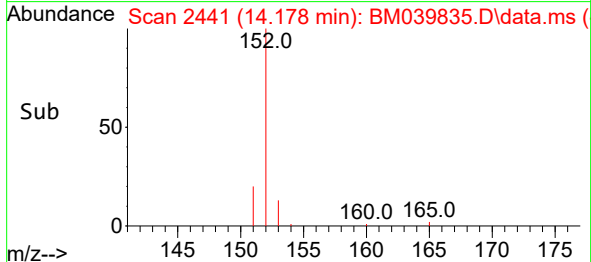
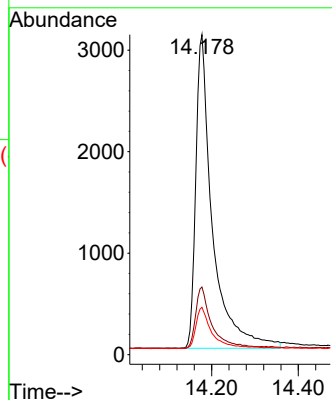
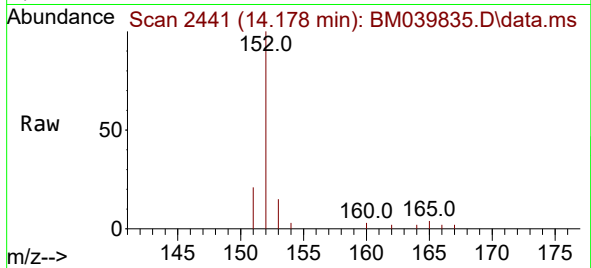




#10
Acenaphthylene
Concen: 0.411 ng/ul
RT: 14.178 min Scan# 2441
Delta R.T. 0.000 min
Lab File: BM039835.D
Acq: 05 May 2023 08:29

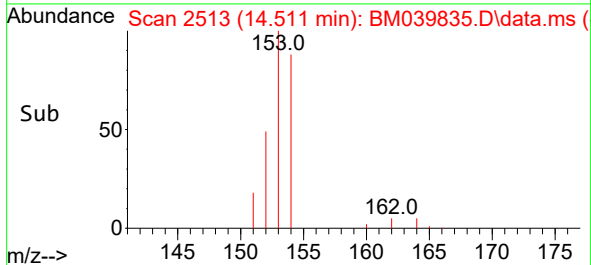
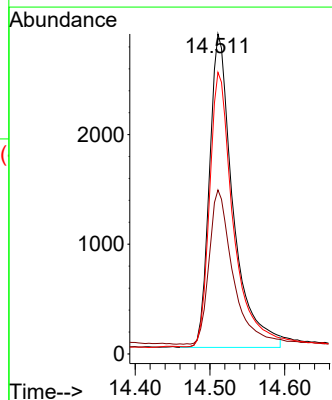
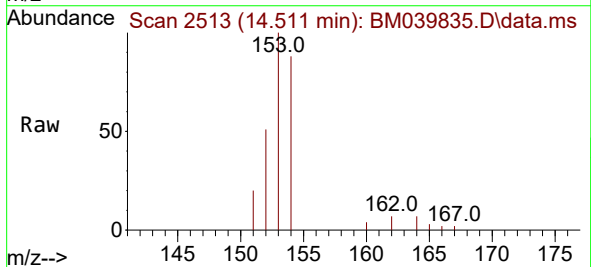
Instrument :
BNA_M
ClientSampleId :
SSTD0.4097

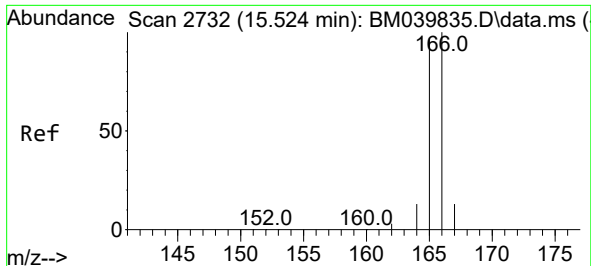
Tgt Ion:152 Resp: 8253
Ion Ratio Lower Upper
152 100
151 21.2 16.0 24.0
153 14.8 11.2 16.8



#11
Acenaphthene
Concen: 0.399 ng/ul
RT: 14.511 min Scan# 2513
Delta R.T. 0.000 min
Lab File: BM039835.D
Acq: 05 May 2023 08:29

Tgt Ion:153 Resp: 6289
Ion Ratio Lower Upper
153 100
152 51.2 40.6 61.0
154 88.0 71.9 107.9

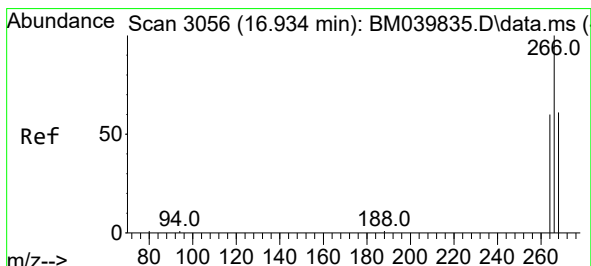
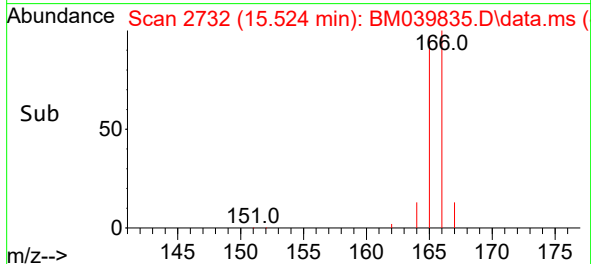
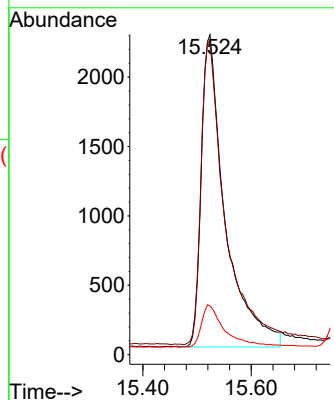
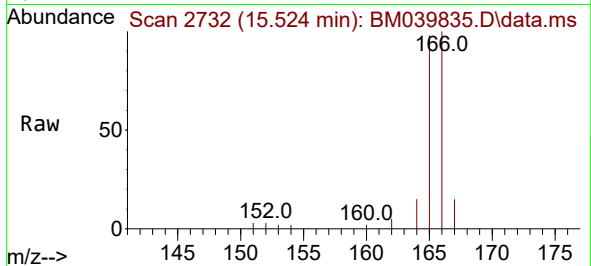




#12
Fluorene
Concen: 0.393 ng/ul
RT: 15.524 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM039835.D
Acq: 05 May 2023 08:29

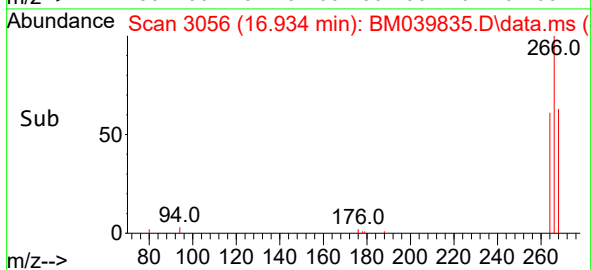
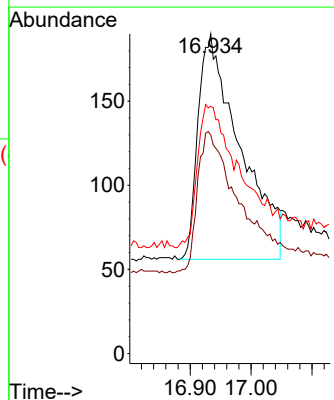
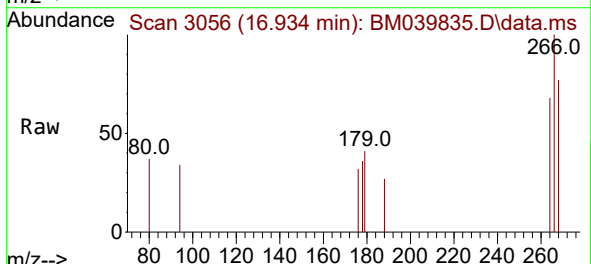
Instrument :
BNA_M
ClientSampleId :
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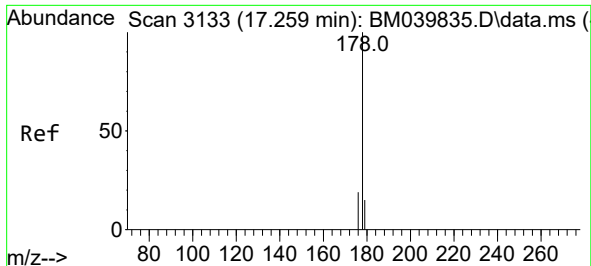
Tgt Ion:166 Resp: 6881
Ion Ratio Lower Upper
166 100
165 97.5 79.0 118.6
167 15.2 11.8 17.6



#14
Pentachlorophenol
Concen: 0.293 ng/ul
RT: 16.934 min Scan# 3056
Delta R.T. 0.000 min
Lab File: BM039835.D
Acq: 05 May 2023 08:29

Tgt Ion:266 Resp: 643
Ion Ratio Lower Upper
266 100
264 62.4 48.8 73.2
268 66.6 50.4 75.6

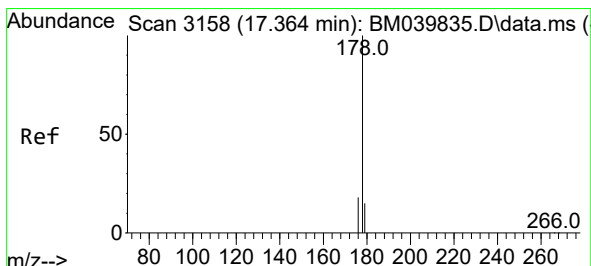
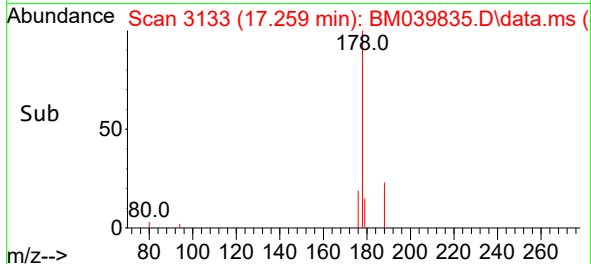
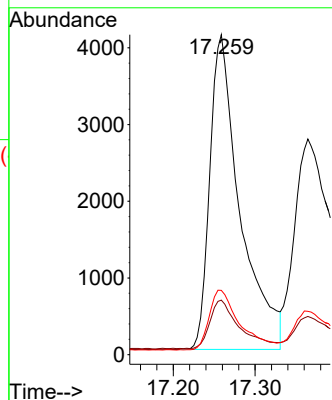
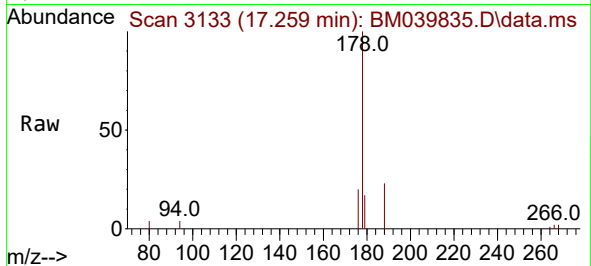




#15
Phenanthrene
Concen: 0.396 ng/ul
RT: 17.259 min Scan# 3133
Delta R.T. 0.000 min
Lab File: BM039835.D
Acq: 05 May 2023 08:29

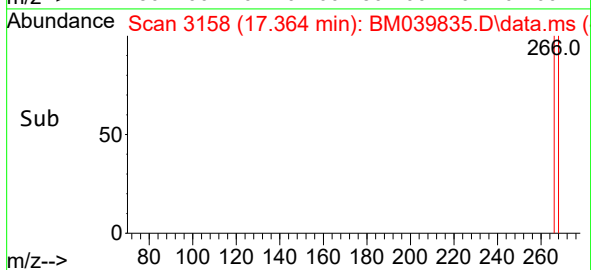
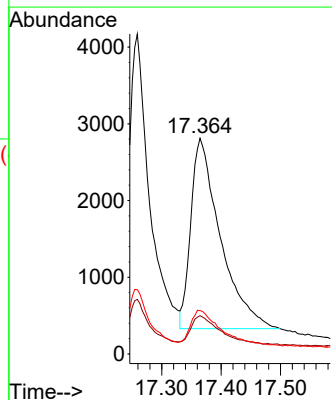
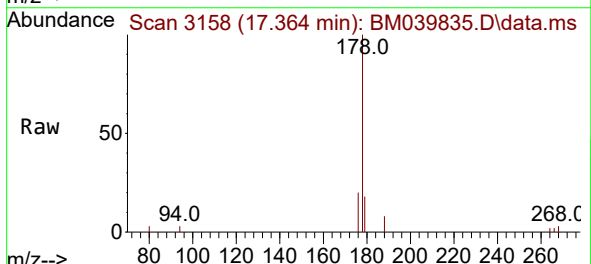
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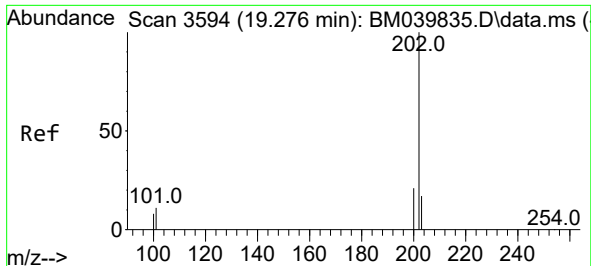
Tgt Ion:178 Resp: 10520
Ion Ratio Lower Upper
178 100
179 17.1 13.0 19.6
176 20.1 15.8 23.8



#16
Anthracene
Concen: 0.375 ng/ul
RT: 17.364 min Scan# 3158
Delta R.T. 0.000 min
Lab File: BM039835.D
Acq: 05 May 2023 08:29

Tgt Ion:178 Resp: 8558
Ion Ratio Lower Upper
178 100
179 17.7 13.8 20.6
176 20.1 15.8 23.8

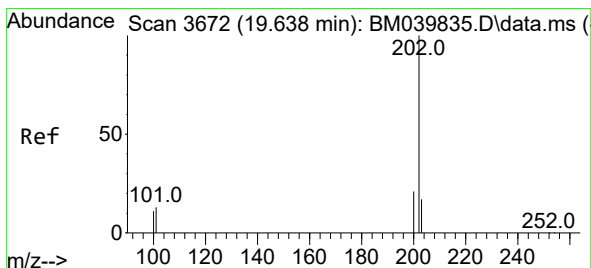
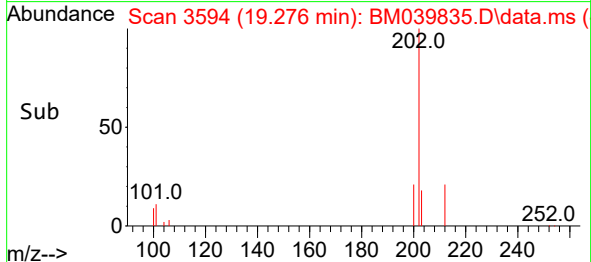
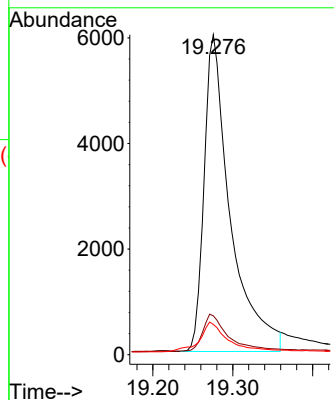
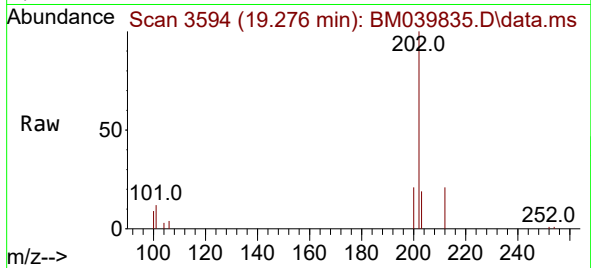




#19
Fluoranthene
Concen: 0.346 ng/u1
RT: 19.276 min Scan# 3594
Delta R.T. 0.000 min
Lab File: BM039835.D
Acq: 05 May 2023 08:29

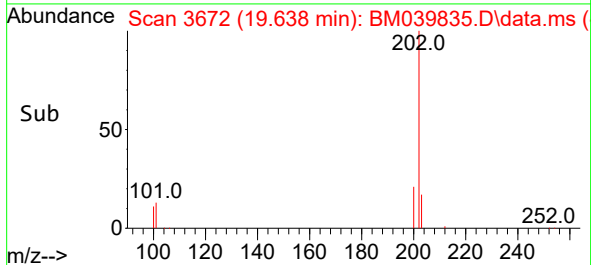
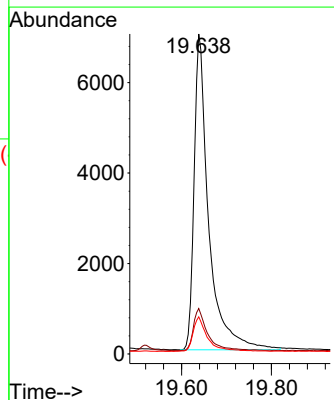
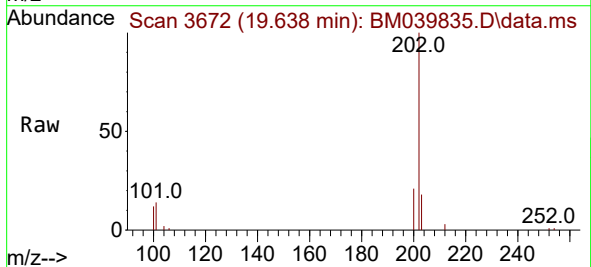
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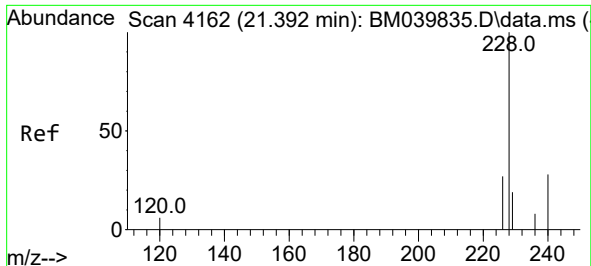
Tgt Ion:	202	Resp:	13695
Ion Ratio	Lower	Upper	
202	100		
101	12.1	9.8	14.8
100	9.4	7.3	10.9



#20
Pyrene
Concen: 0.367 ng/u1
RT: 19.638 min Scan# 3672
Delta R.T. 0.000 min
Lab File: BM039835.D
Acq: 05 May 2023 08:29

Tgt Ion:	202	Resp:	15704
Ion Ratio	Lower	Upper	
202	100		
101	14.2	10.9	16.3
100	11.6	8.9	13.3

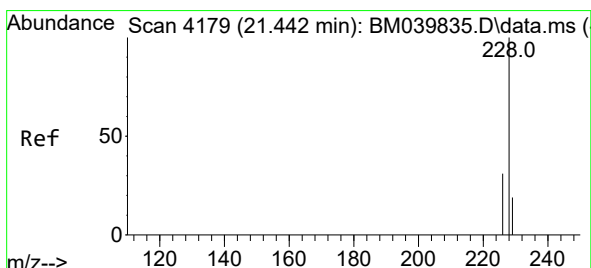
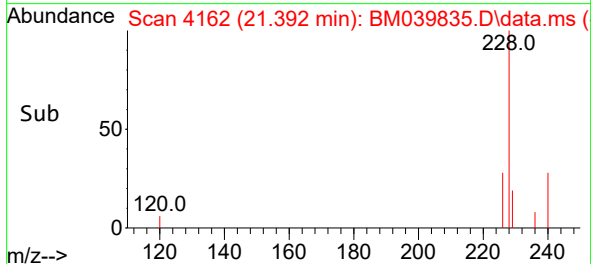
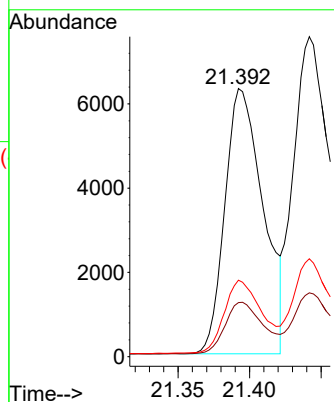
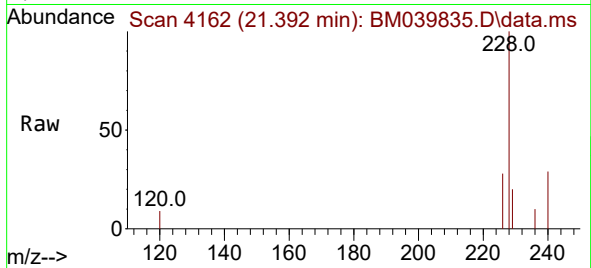




#21
Benzo(a)anthracene
Concen: 0.367 ng/ul
RT: 21.392 min Scan# 4162
Delta R.T. 0.000 min
Lab File: BM039835.D
Acq: 05 May 2023 08:29

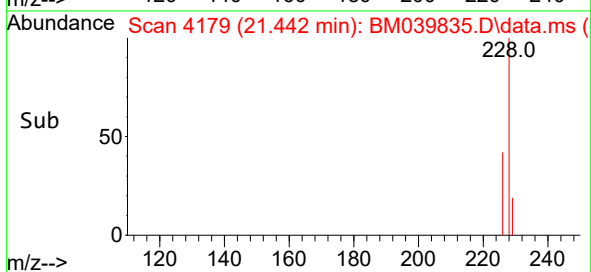
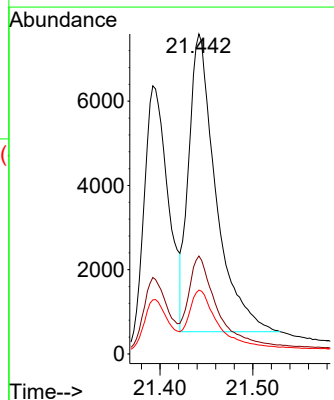
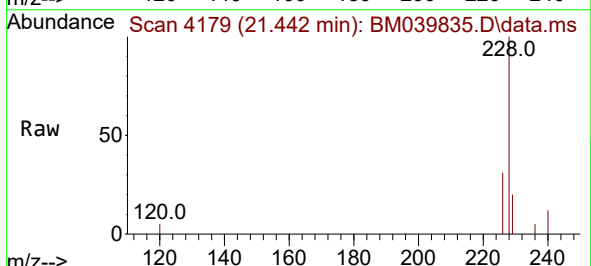
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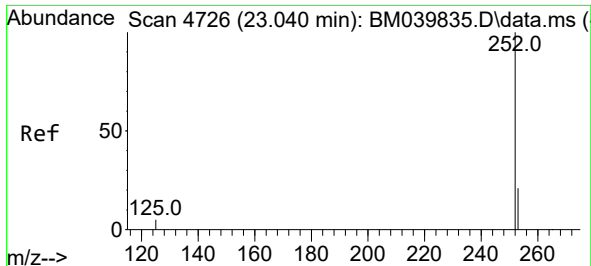
Tgt Ion:	228	Resp:	11721
Ion Ratio	Lower	Upper	
228	100		
229	20.1	16.2	24.2
226	28.5	21.6	32.4



#22
Chrysene
Concen: 0.398 ng/ul
RT: 21.442 min Scan# 4179
Delta R.T. 0.000 min
Lab File: BM039835.D
Acq: 05 May 2023 08:29

Tgt Ion:	228	Resp:	14380
Ion Ratio	Lower	Upper	
228	100		
226	30.6	24.3	36.5
229	20.0	15.9	23.9

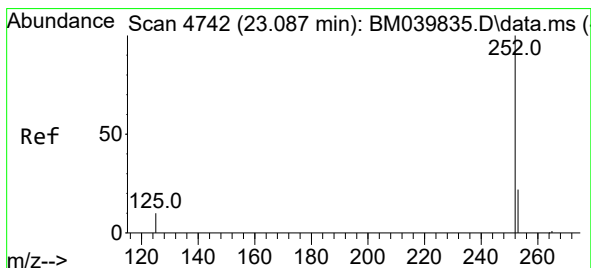
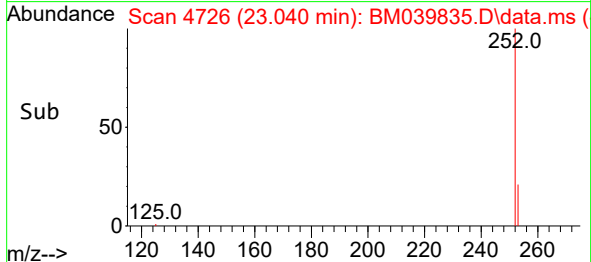
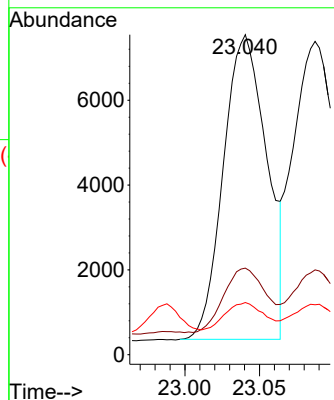
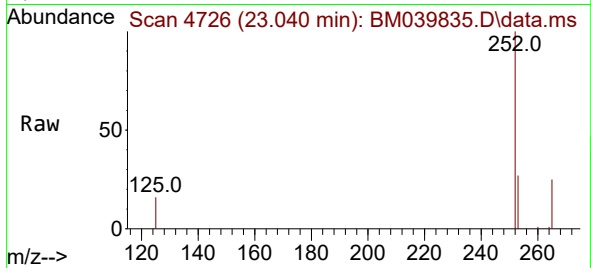




#24
Benzo(b)fluoranthene
Concen: 0.341 ng/ul
RT: 23.040 min Scan# 4726
Delta R.T. 0.000 min
Lab File: BM039835.D
Acq: 05 May 2023 08:29

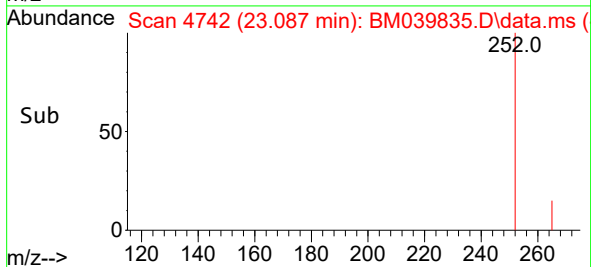
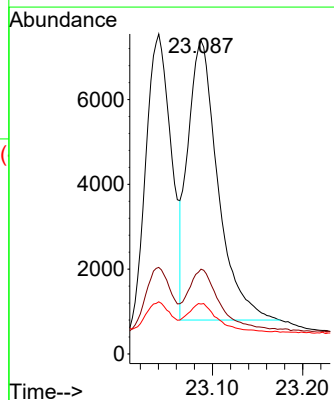
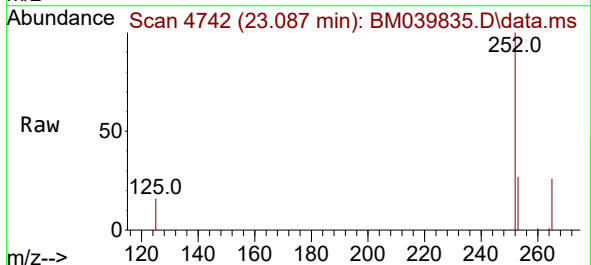
Instrument :
BNA_M
ClientSampleId :
SSTD0.4097

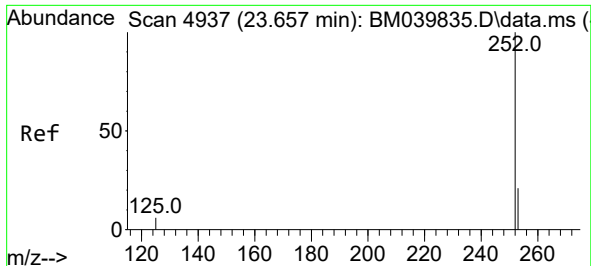
Tgt Ion:252 Resp: 14520
Ion Ratio Lower Upper
252 100
253 27.0 0.0 52.8
125 16.3 0.0 31.6



#25
Benzo(k)fluoranthene
Concen: 0.351 ng/ul
RT: 23.087 min Scan# 4742
Delta R.T. 0.000 min
Lab File: BM039835.D
Acq: 05 May 2023 08:29

Tgt Ion:252 Resp: 15214
Ion Ratio Lower Upper
252 100
253 27.1 21.3 31.9
125 16.0 13.0 19.6

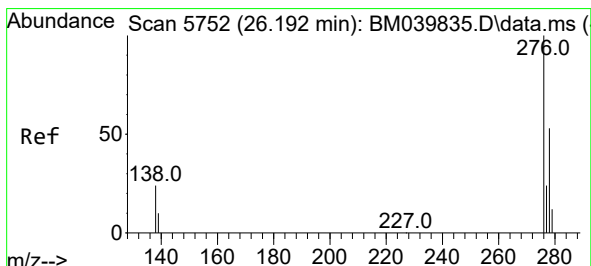
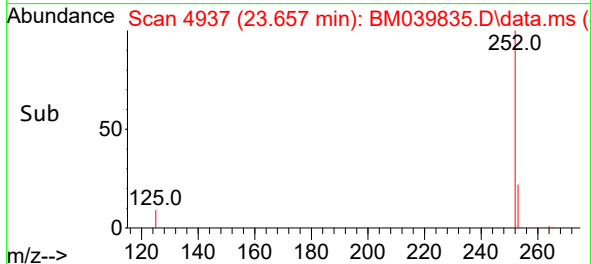
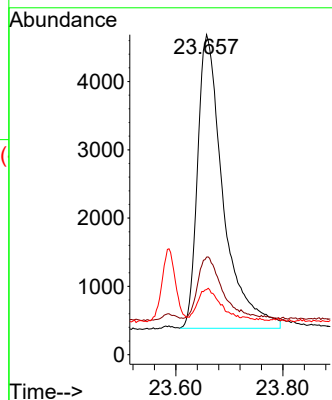
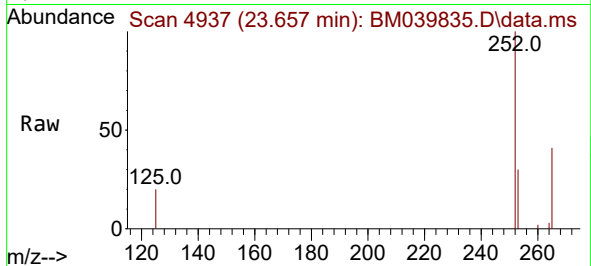




#26
Benzo(a)pyrene
Concen: 0.372 ng/ul
RT: 23.657 min Scan# 4937
Delta R.T. 0.000 min
Lab File: BM039835.D
Acq: 05 May 2023 08:29

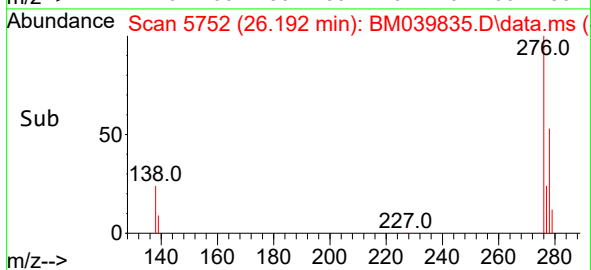
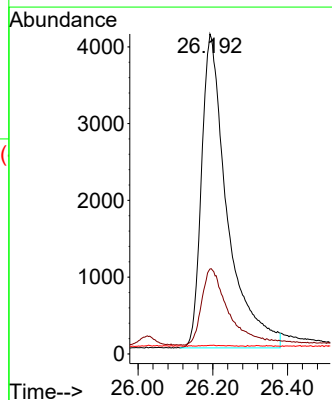
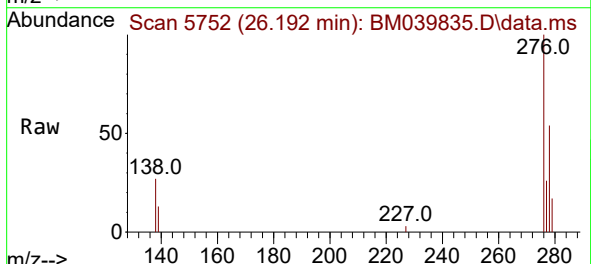
Instrument :
BNA_M
ClientSampleId :
SSTD0.4097

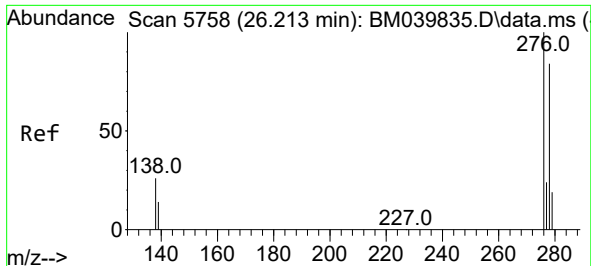
Tgt Ion:	252	Resp:	14226
Ion Ratio	Lower	Upper	
252	100		
253	30.5	24.7	37.1
125	20.3	16.5	24.7



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.403 ng/ul
RT: 26.192 min Scan# 5752
Delta R.T. 0.000 min
Lab File: BM039835.D
Acq: 05 May 2023 08:29

Tgt Ion:	276	Resp:	19488
Ion Ratio	Lower	Upper	
276	100		
138	25.9	21.1	31.7
227	0.0	0.1	0.1#

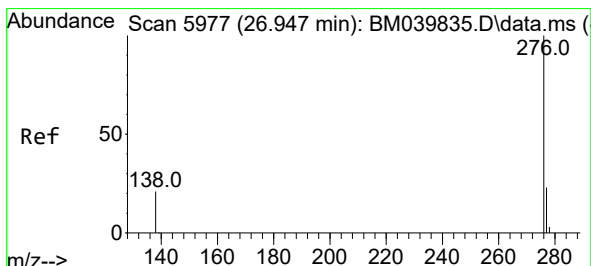
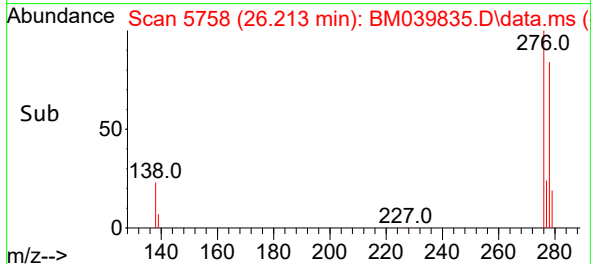
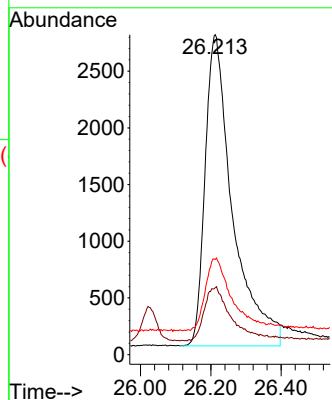
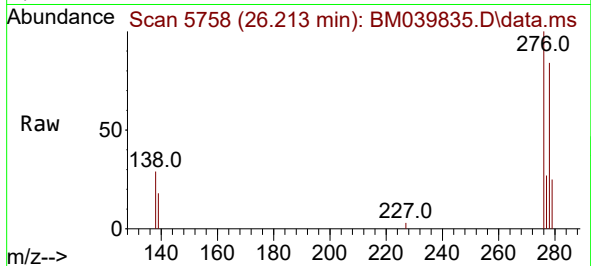




#28
Dibenzo(a,h)anthracene
Concen: 0.398 ng/ul
RT: 26.213 min Scan# 51
Delta R.T. 0.000 min
Lab File: BM039835.D
Acq: 05 May 2023 08:29

Instrument :
BNA_M
ClientSampleId :
SSTD0.4097

Tgt Ion:278 Resp: 14929
Ion Ratio Lower Upper
278 100
139 20.9 17.0 25.6
279 29.8 23.4 35.2



#29
Benzo(g,h,i)perylene
Concen: 0.409 ng/ul
RT: 26.947 min Scan# 5977
Delta R.T. 0.000 min
Lab File: BM039835.D
Acq: 05 May 2023 08:29

Tgt Ion:276 Resp: 17226
Ion Ratio Lower Upper
276 100
138 24.2 20.1 30.1
277 25.8 20.1 30.1

