

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040824\
 Data File : BM045075.D
 Acq On : 09 Apr 2024 12:41
 Operator : MA/JU
 Sample : PB160067BS
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS067

Quant Time: Apr 09 13:10:58 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM040424.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 09 02:13:29 2024
 Response via : Initial Calibration

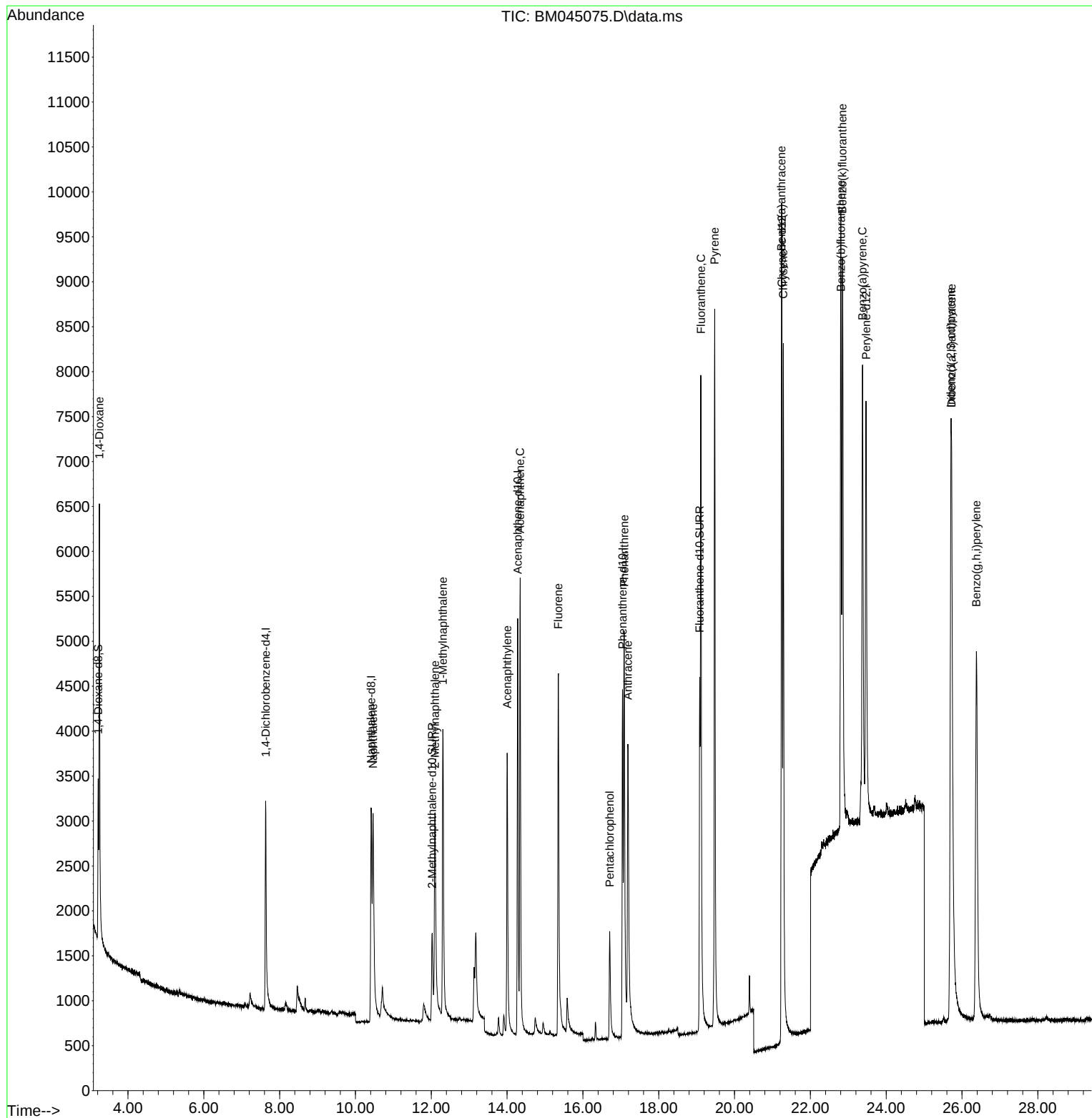
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.631	152	1688	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.413	136	5642	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.279	164	3011	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.047	188	7012	0.400	ng/ul	0.00
17) Chrysene-d12	21.251	240	5725	0.400	ng/ul	0.00
23) Perylene-d12	23.469	264	7238	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.213	96	1236	0.557	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.024	152	2299	0.301	ng/ul	-0.01
18) Fluoranthene-d10	19.080	212	5560	0.384	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.243	88	3394	1.597	ng/ul#	83
5) Naphthalene	10.463	128	4769	0.319	ng/ul	97
7) 2-Methylnaphthalene	12.096	142	2999	0.336	ng/ul	99
8) 1-Methylnaphthalene	12.305	142	3069	0.314	ng/ul	99
10) Acenaphthylene	14.001	152	5040	0.335	ng/ul	99
11) Acenaphthene	14.344	153	3596	0.334	ng/ul	100
12) Fluorene	15.352	166	3960	0.328	ng/ul	99
14) Pentachlorophenol	16.705	266	1292	0.786	ng/ul	98
15) Phenanthrene	17.090	178	6264	0.317	ng/ul	98
16) Anthracene	17.187	178	6529	0.336	ng/ul	98
19) Fluoranthene	19.112	202	8115	0.397	ng/ul	99
20) Pyrene	19.475	202	8635	0.400	ng/ul	98
21) Benzo(a)anthracene	21.237	228	7213	0.362	ng/ul	98
22) Chrysene	21.286	228	8920	0.359	ng/ul	98
24) Benzo(b)fluoranthene	22.803	252	9056	0.346	ng/ul	98
25) Benzo(k)fluoranthene	22.847	252	10468	0.358	ng/ul	95
26) Benzo(a)pyrene	23.376	252	8933	0.358	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	25.705	276	12081	0.353	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.725	278	9482	0.350	ng/ul	96
29) Benzo(g,h,i)perylene	26.379	276	10383	0.352	ng/ul	97

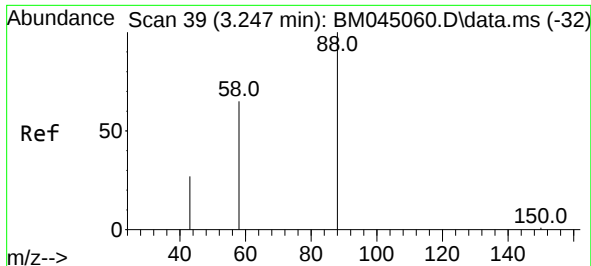
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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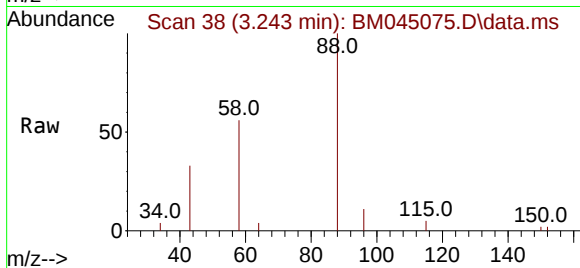
Quant Time: Apr 09 13:10:58 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM040424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 09 02:13:29 2024
Response via : Initial Calibration



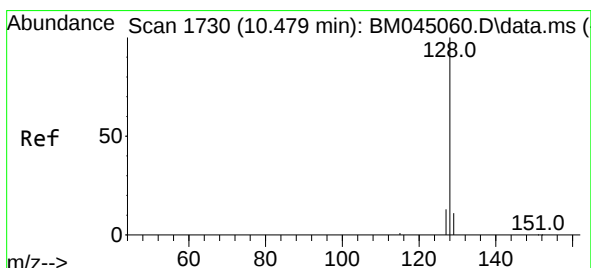
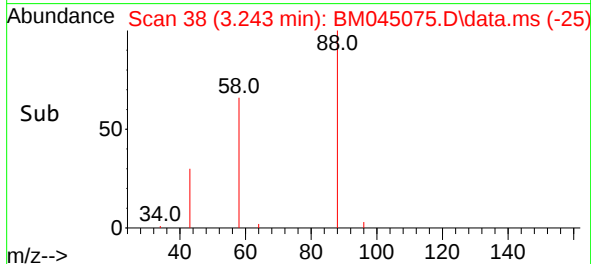
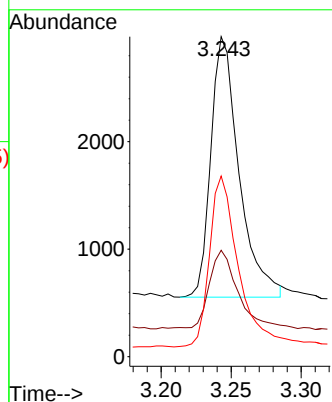


#2
1,4-Dioxane
Concen: 1.597 ng/ul
RT: 3.243 min Scan# 31
Delta R.T. -0.004 min
Lab File: BM045075.D
Acq: 09 Apr 2024 12:41

Instrument :
BNA_M
ClientSampleId :
SLCS067

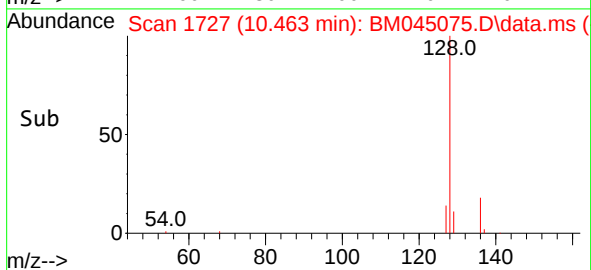
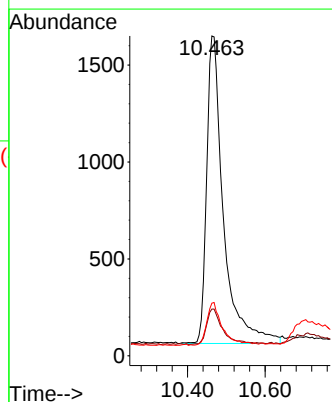
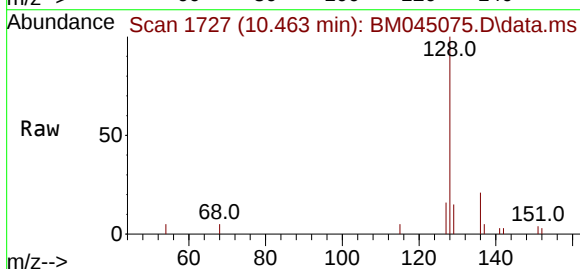


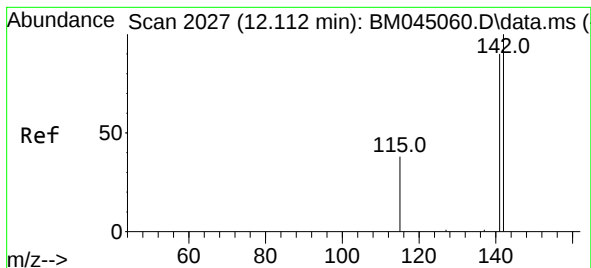
Tgt Ion: 88 Resp: 3394
Ion Ratio Lower Upper
88 100
43 33.3 30.6 46.0
58 56.5 32.6 48.8#



#5
Naphthalene
Concen: 0.319 ng/ul
RT: 10.463 min Scan# 1727
Delta R.T. -0.022 min
Lab File: BM045075.D
Acq: 09 Apr 2024 12:41

Tgt Ion: 128 Resp: 4769
Ion Ratio Lower Upper
128 100
129 14.6 11.3 16.9
127 16.5 11.9 17.9

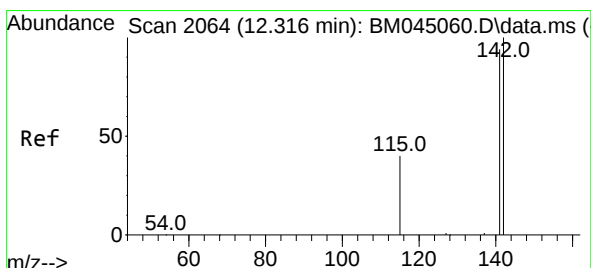
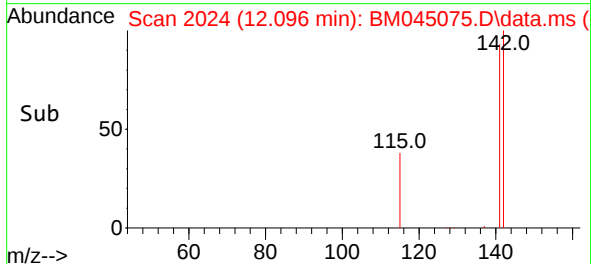
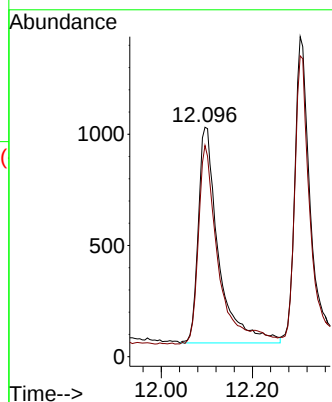
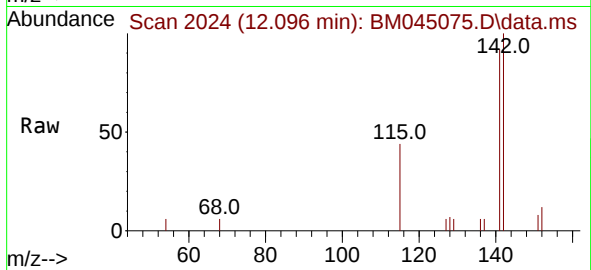




#7
2-Methylnaphthalene
Concen: 0.336 ng/ul
RT: 12.096 min Scan# 2024
Delta R.T. -0.017 min
Lab File: BM045075.D
Acq: 09 Apr 2024 12:41

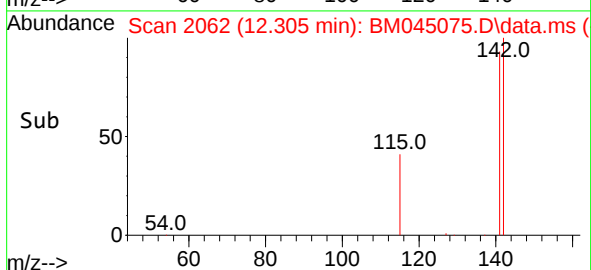
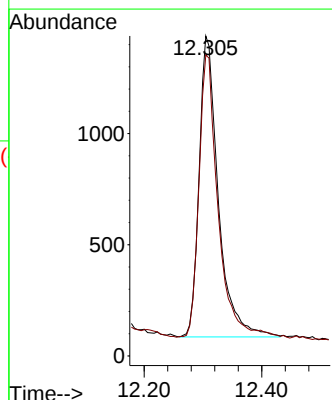
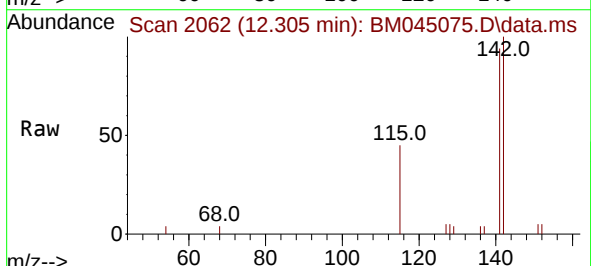
Instrument :
BNA_M
ClientSampleId :
SLCS067

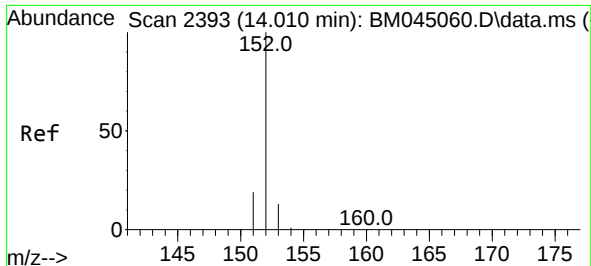
Tgt Ion:142 Resp: 2999
Ion Ratio Lower Upper
142 100
141 91.7 73.8 110.8



#8
1-Methylnaphthalene
Concen: 0.314 ng/ul
RT: 12.305 min Scan# 2062
Delta R.T. -0.016 min
Lab File: BM045075.D
Acq: 09 Apr 2024 12:41

Tgt Ion:142 Resp: 3069
Ion Ratio Lower Upper
142 100
141 93.4 74.2 111.2

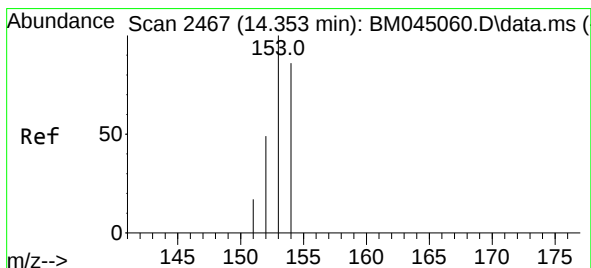
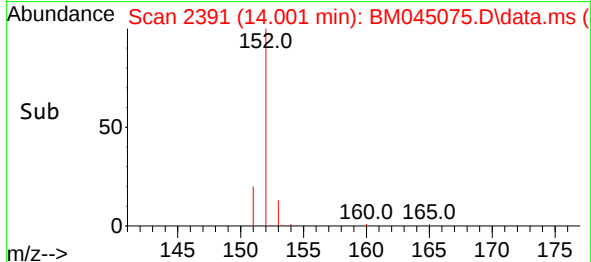
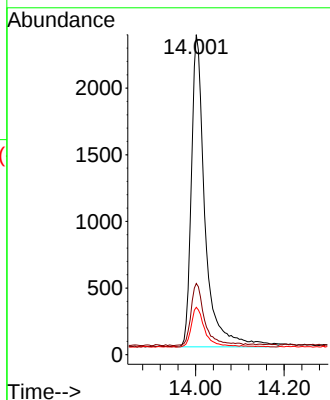
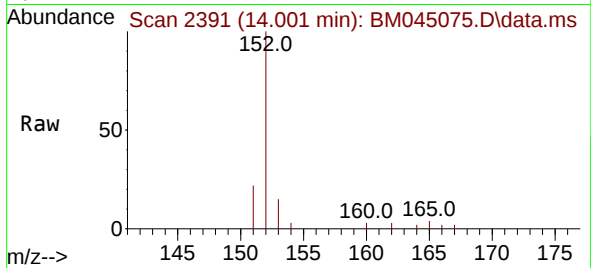




#10
Acenaphthylene
Concen: 0.335 ng/ul
RT: 14.001 min Scan# 21
Delta R.T. -0.014 min
Lab File: BM045075.D
Acq: 09 Apr 2024 12:41

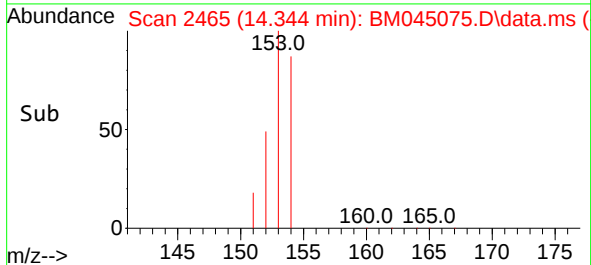
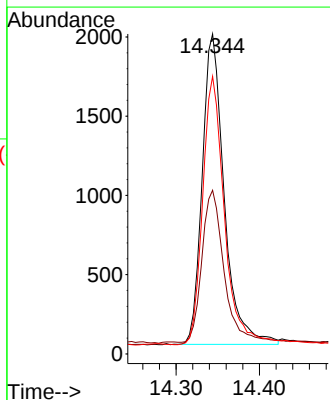
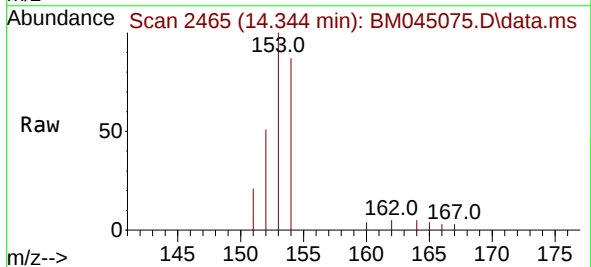
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ClientSampleId :
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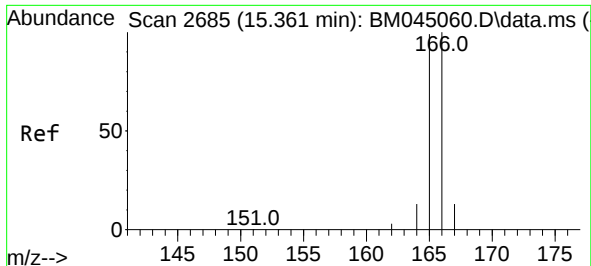
Tgt Ion:	152	Resp:	5040
Ion Ratio	Lower	Upper	
152	100		
151	22.2	17.0	25.4
153	14.8	11.9	17.9



#11
Acenaphthene
Concen: 0.334 ng/ul
RT: 14.344 min Scan# 2465
Delta R.T. -0.009 min
Lab File: BM045075.D
Acq: 09 Apr 2024 12:41

Tgt Ion:	153	Resp:	3596
Ion Ratio	Lower	Upper	
153	100		
152	51.2	41.2	61.8
154	86.7	69.4	104.0

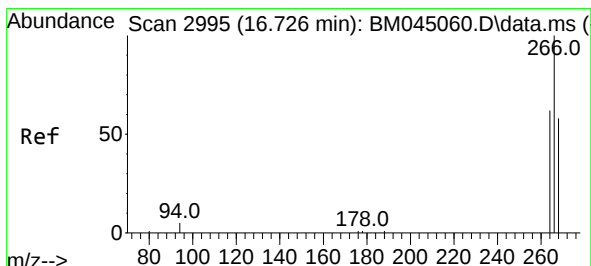
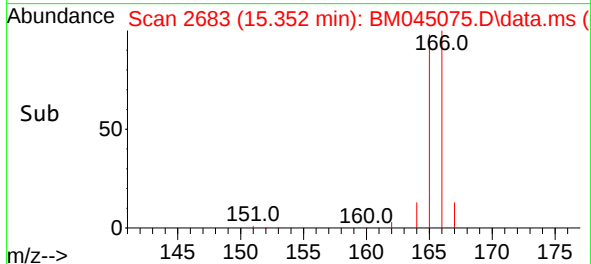
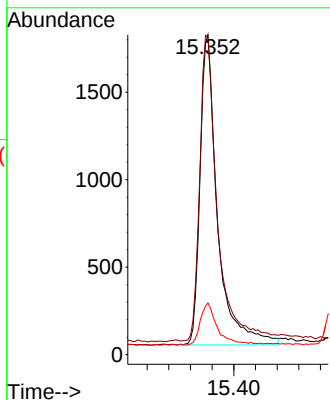
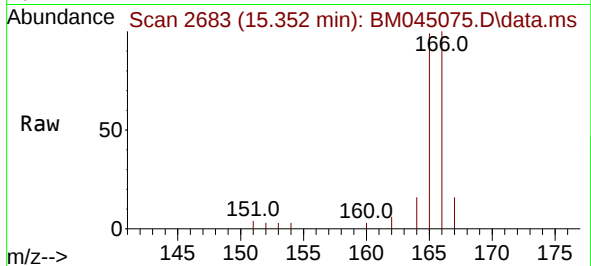




#12
Fluorene
Concen: 0.328 ng/ul
RT: 15.352 min Scan# 2090
Delta R.T. -0.009 min
Lab File: BM045075.D
Acq: 09 Apr 2024 12:41

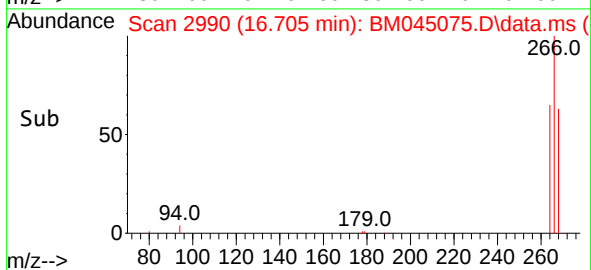
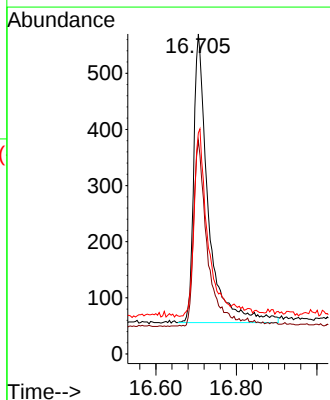
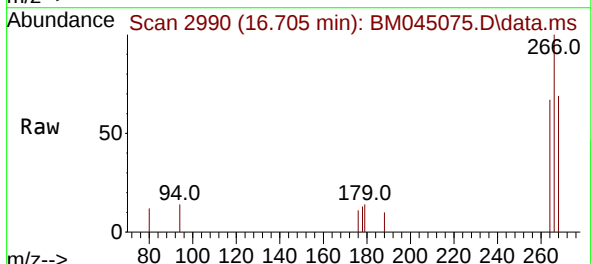
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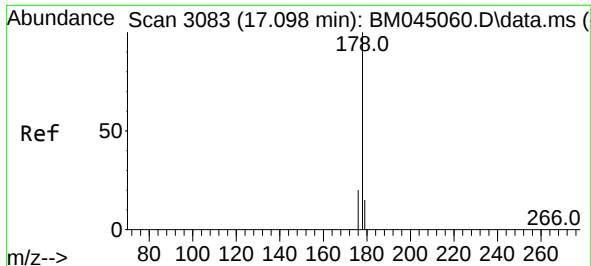
Tgt Ion:166 Resp: 3960
Ion Ratio Lower Upper
166 100
165 99.0 79.9 119.9
167 16.1 12.2 18.2



#14
Pentachlorophenol
Concen: 0.786 ng/ul
RT: 16.705 min Scan# 2990
Delta R.T. -0.025 min
Lab File: BM045075.D
Acq: 09 Apr 2024 12:41

Tgt Ion:266 Resp: 1292
Ion Ratio Lower Upper
266 100
264 62.5 48.3 72.5
268 64.4 52.6 79.0

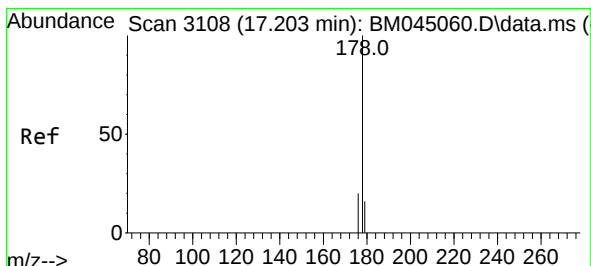
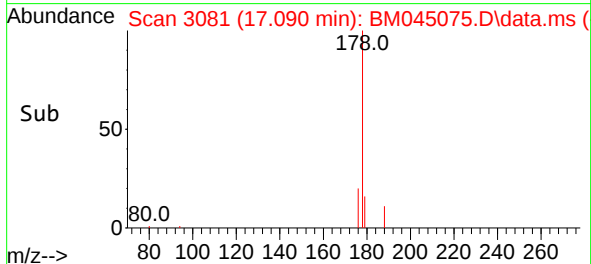
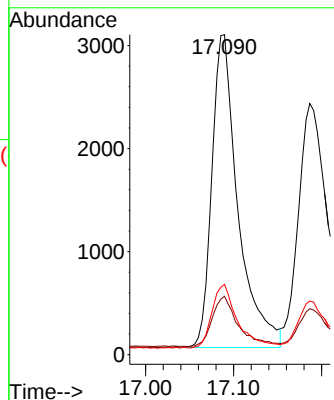
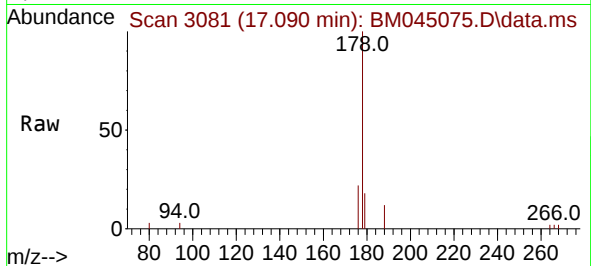




#15
Phenanthrene
Concen: 0.317 ng/ul
RT: 17.090 min Scan# 3081
Delta R.T. -0.013 min
Lab File: BM045075.D
Acq: 09 Apr 2024 12:41

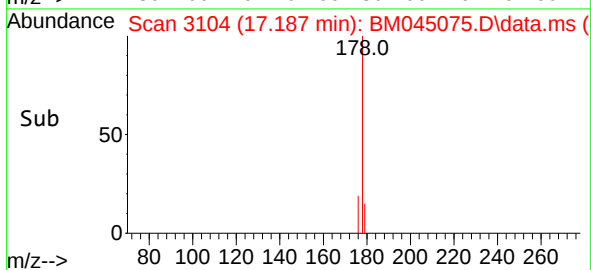
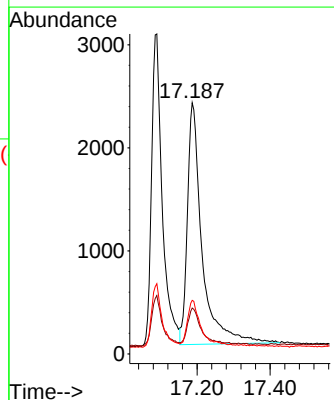
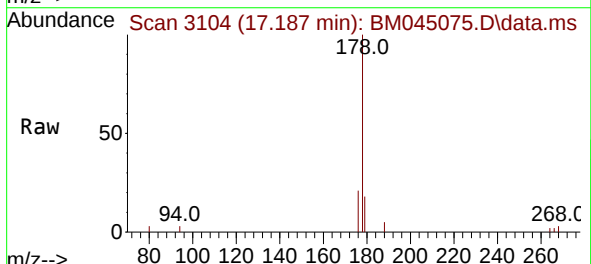
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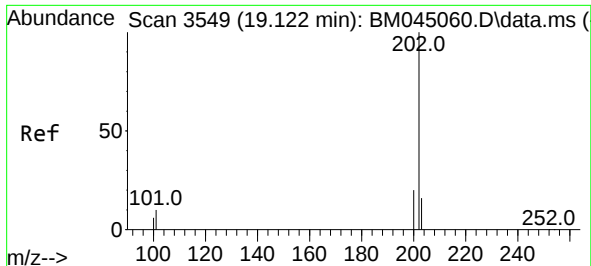
Tgt Ion:178 Resp: 6264
Ion Ratio Lower Upper
178 100
179 18.3 13.7 20.5
176 21.9 17.0 25.4



#16
Anthracene
Concen: 0.336 ng/ul
RT: 17.187 min Scan# 3104
Delta R.T. -0.017 min
Lab File: BM045075.D
Acq: 09 Apr 2024 12:41

Tgt Ion:178 Resp: 6529
Ion Ratio Lower Upper
178 100
179 18.3 13.8 20.8
176 21.4 16.2 24.4

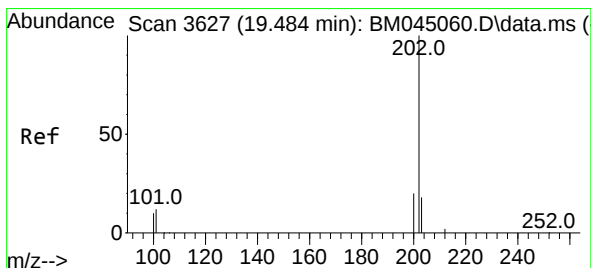
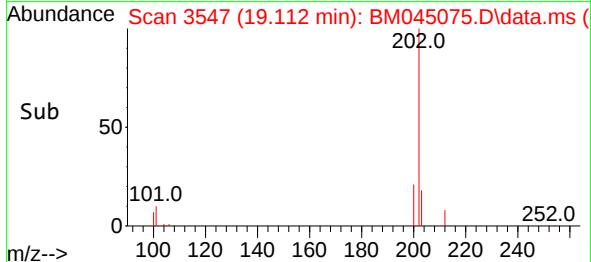
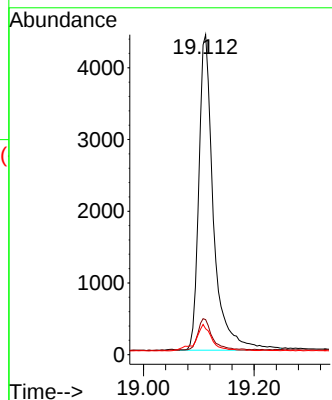
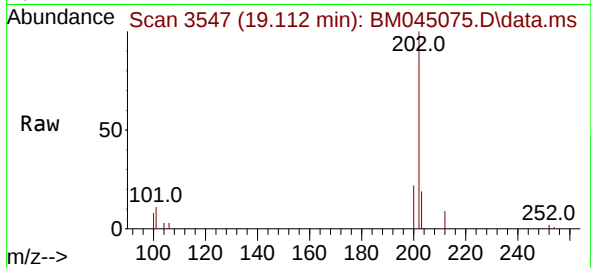




#19
Fluoranthene
Concen: 0.397 ng/ul
RT: 19.112 min Scan# 3115
Delta R.T. -0.010 min
Lab File: BM045075.D
Acq: 09 Apr 2024 12:41

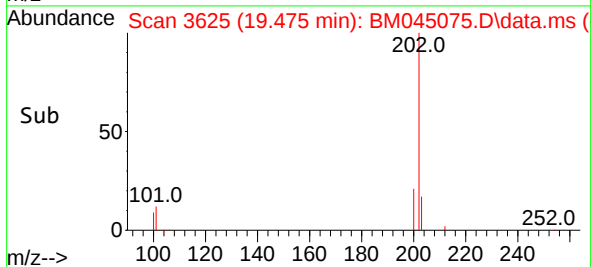
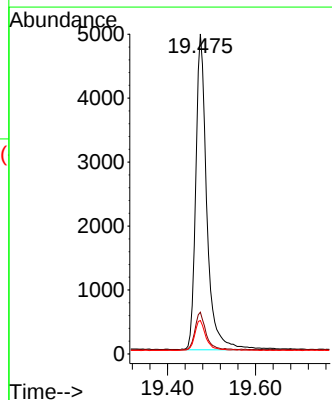
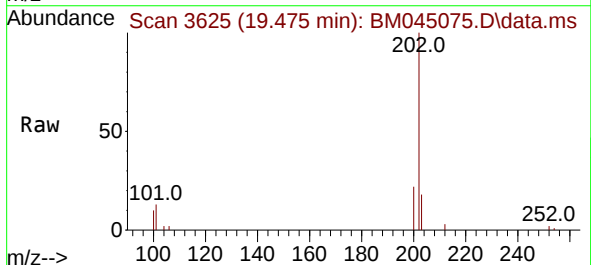
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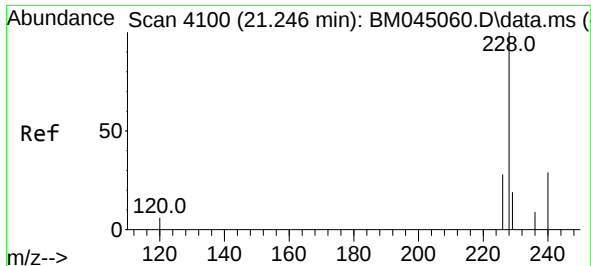
Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.9	8.8	13.2
100	8.1	7.0	10.4



#20
Pyrene
Concen: 0.400 ng/ul
RT: 19.475 min Scan# 3625
Delta R.T. -0.010 min
Lab File: BM045075.D
Acq: 09 Apr 2024 12:41

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.0	9.8	14.6
100	10.5	8.1	12.1

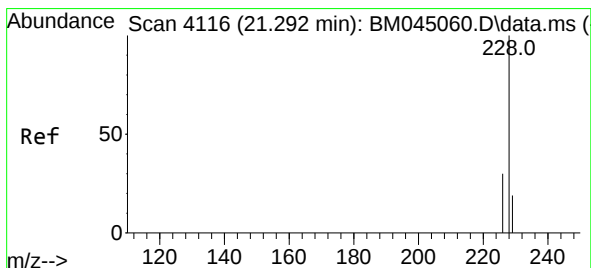
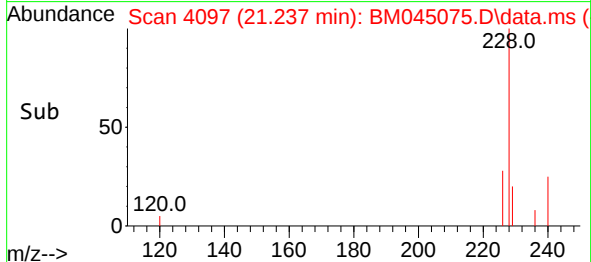
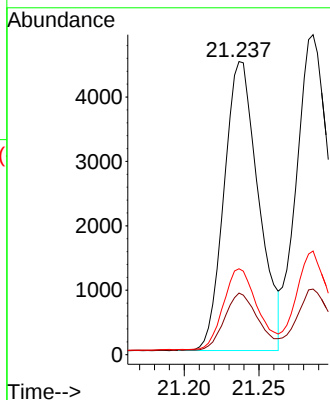
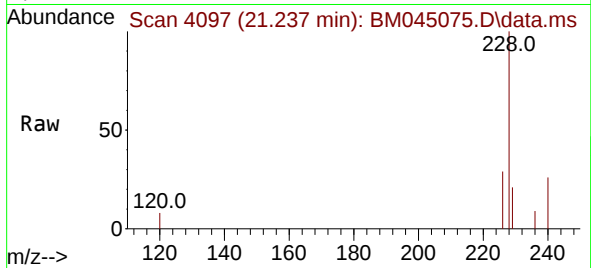




#21
Benzo(a)anthracene
Concen: 0.362 ng/ul
RT: 21.237 min Scan# 4097
Delta R.T. -0.012 min
Lab File: BM045075.D
Acq: 09 Apr 2024 12:41

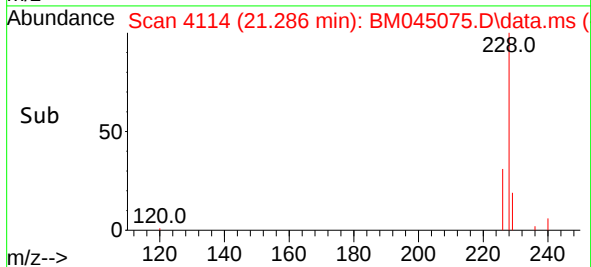
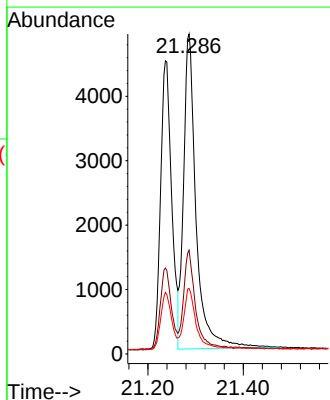
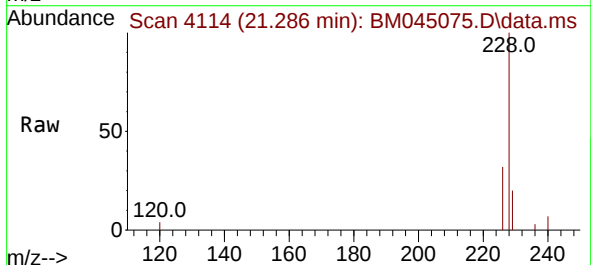
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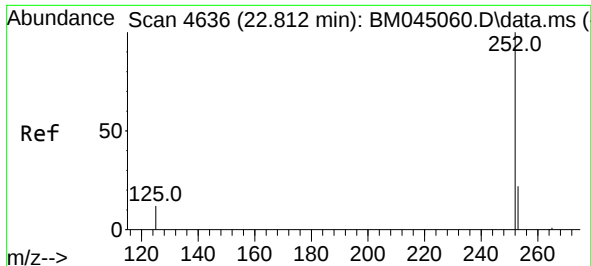
Tgt Ion:228 Resp: 7213
Ion Ratio Lower Upper
228 100
229 21.0 16.4 24.6
226 29.3 22.3 33.5



#22
Chrysene
Concen: 0.359 ng/ul
RT: 21.286 min Scan# 4114
Delta R.T. -0.012 min
Lab File: BM045075.D
Acq: 09 Apr 2024 12:41

Tgt Ion:228 Resp: 8920
Ion Ratio Lower Upper
228 100
226 32.4 24.9 37.3
229 20.5 15.9 23.9

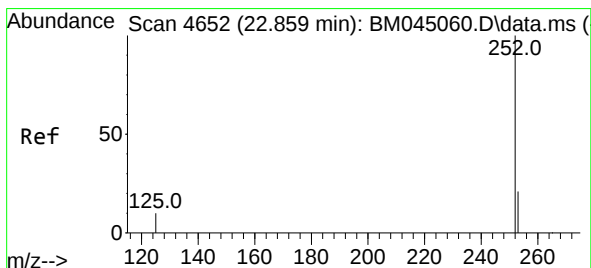
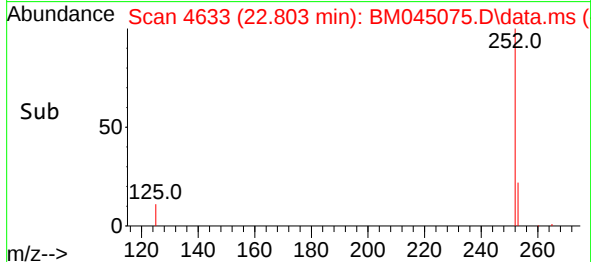
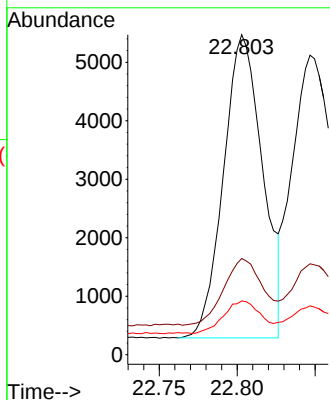
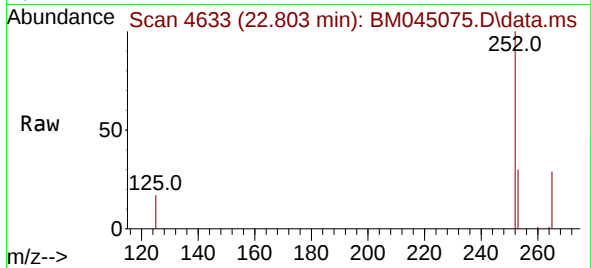




#24
Benzo(b)fluoranthene
Concen: 0.346 ng/ul
RT: 22.803 min Scan# 4633
Delta R.T. -0.015 min
Lab File: BM045075.D
Acq: 09 Apr 2024 12:41

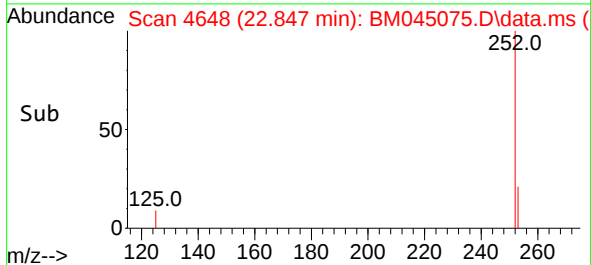
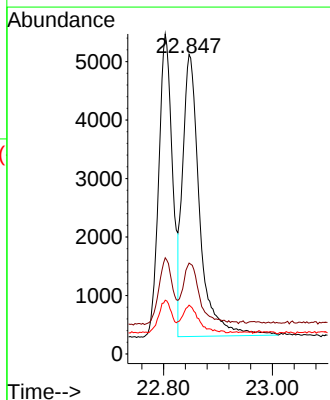
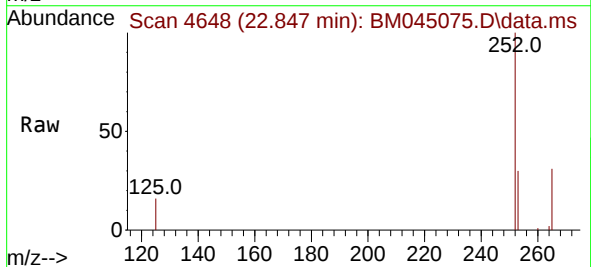
Instrument :
BNA_M
ClientSampleId :
SLCS067

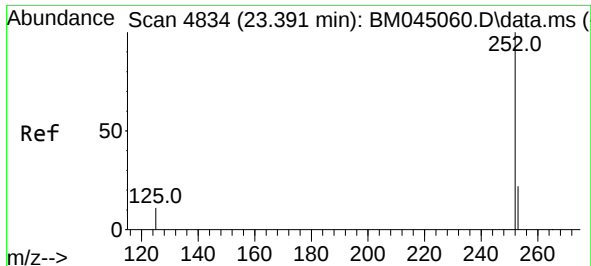
Tgt Ion:252	Resp:	9056
Ion Ratio	Lower	Upper
252	100	
253	30.0	0.0 56.4
125	16.8	0.0 33.4



#25
Benzo(k)fluoranthene
Concen: 0.358 ng/ul
RT: 22.847 min Scan# 4648
Delta R.T. -0.015 min
Lab File: BM045075.D
Acq: 09 Apr 2024 12:41

Tgt Ion:252	Resp:	10468
Ion Ratio	Lower	Upper
252	100	
253	30.3	22.3 33.5
125	16.3	11.6 17.4

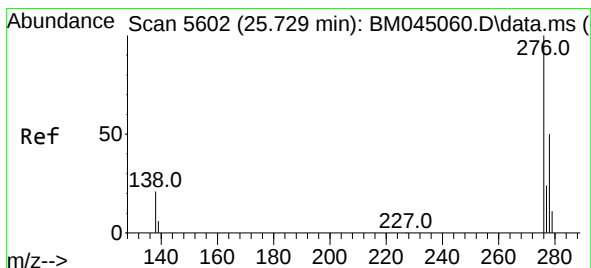
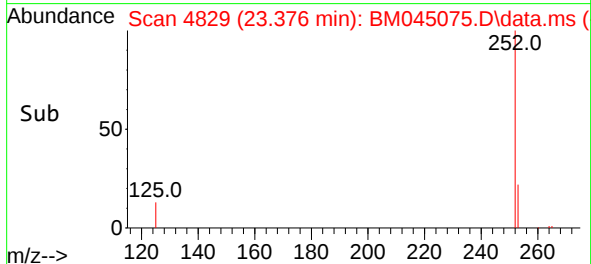
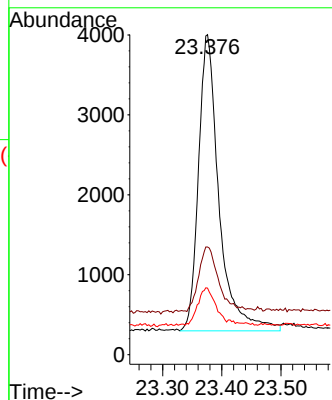
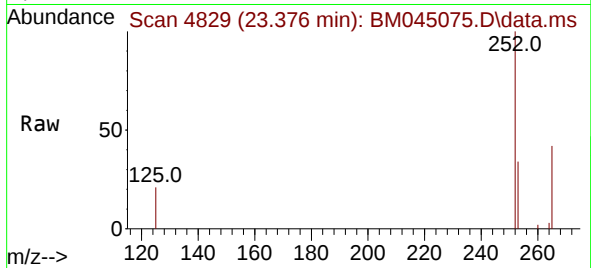




#26
Benzo(a)pyrene
Concen: 0.358 ng/ul
RT: 23.376 min Scan# 41
Delta R.T. -0.018 min
Lab File: BM045075.D
Acq: 09 Apr 2024 12:41

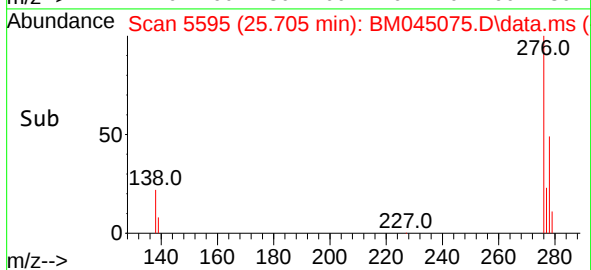
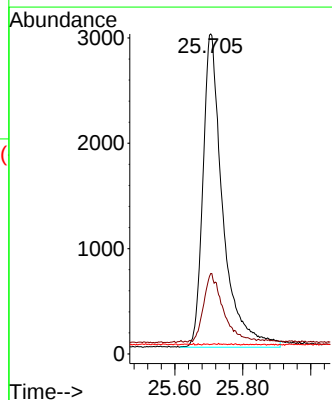
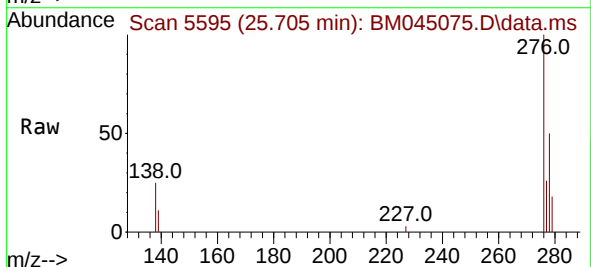
Instrument :
BNA_M
ClientSampleId :
SLCS067

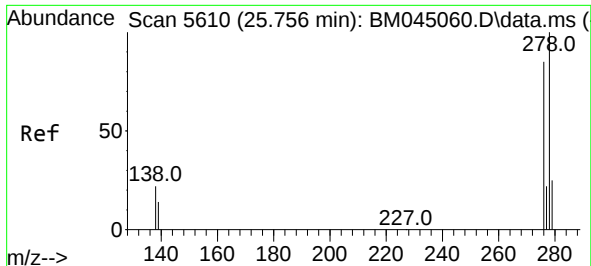
Tgt Ion:252 Resp: 8933
Ion Ratio Lower Upper
252 100
253 33.6 24.6 37.0
125 20.8 18.2 27.4



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.353 ng/ul
RT: 25.705 min Scan# 5595
Delta R.T. -0.034 min
Lab File: BM045075.D
Acq: 09 Apr 2024 12:41

Tgt Ion:276 Resp: 12081
Ion Ratio Lower Upper
276 100
138 21.1 0.0 0.0#
227 0.0 0.1 0.1#

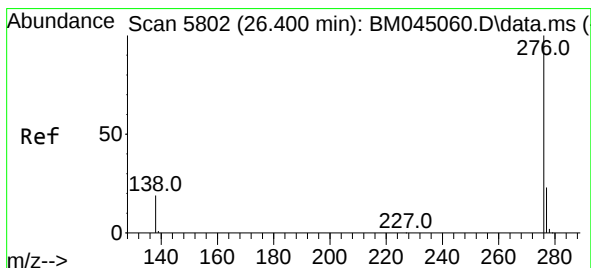
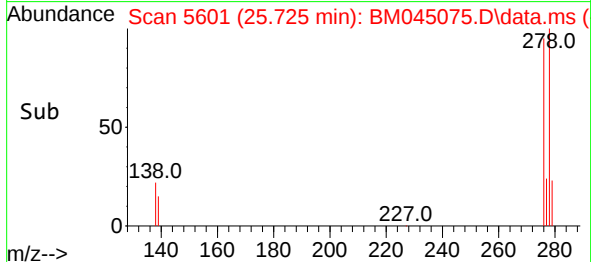
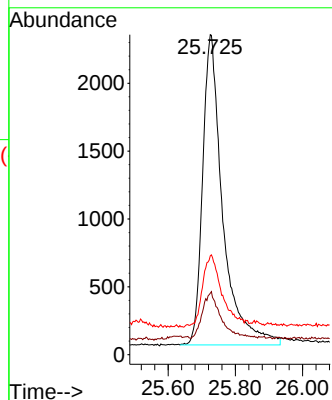
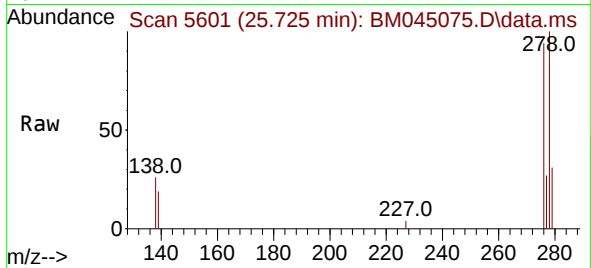




#28
Dibenzo(a,h)anthracene
Concen: 0.350 ng/ul
RT: 25.725 min Scan# 51
Delta R.T. -0.037 min
Lab File: BM045075.D
Acq: 09 Apr 2024 12:41

Instrument :
BNA_M
ClientSampleId :
SLCS067

Tgt Ion:278 Resp: 9482
Ion Ratio Lower Upper
278 100
139 19.2 13.6 20.4
279 30.9 23.0 34.4



#29
Benzo(g,h,i)perylene
Concen: 0.352 ng/ul
RT: 26.379 min Scan# 5796
Delta R.T. -0.027 min
Lab File: BM045075.D
Acq: 09 Apr 2024 12:41

Tgt Ion:276 Resp: 10383
Ion Ratio Lower Upper
276 100
138 22.8 16.8 25.2
277 26.2 20.3 30.5

