

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052523\
 Data File : BM040018.D
 Acq On : 26 May 2023 00:55
 Operator : CG/JU
 Sample : PB152976BS
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS976

Quant Time: May 26 01:28:36 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM052523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 25 15:01:16 2023
 Response via : Initial Calibration

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

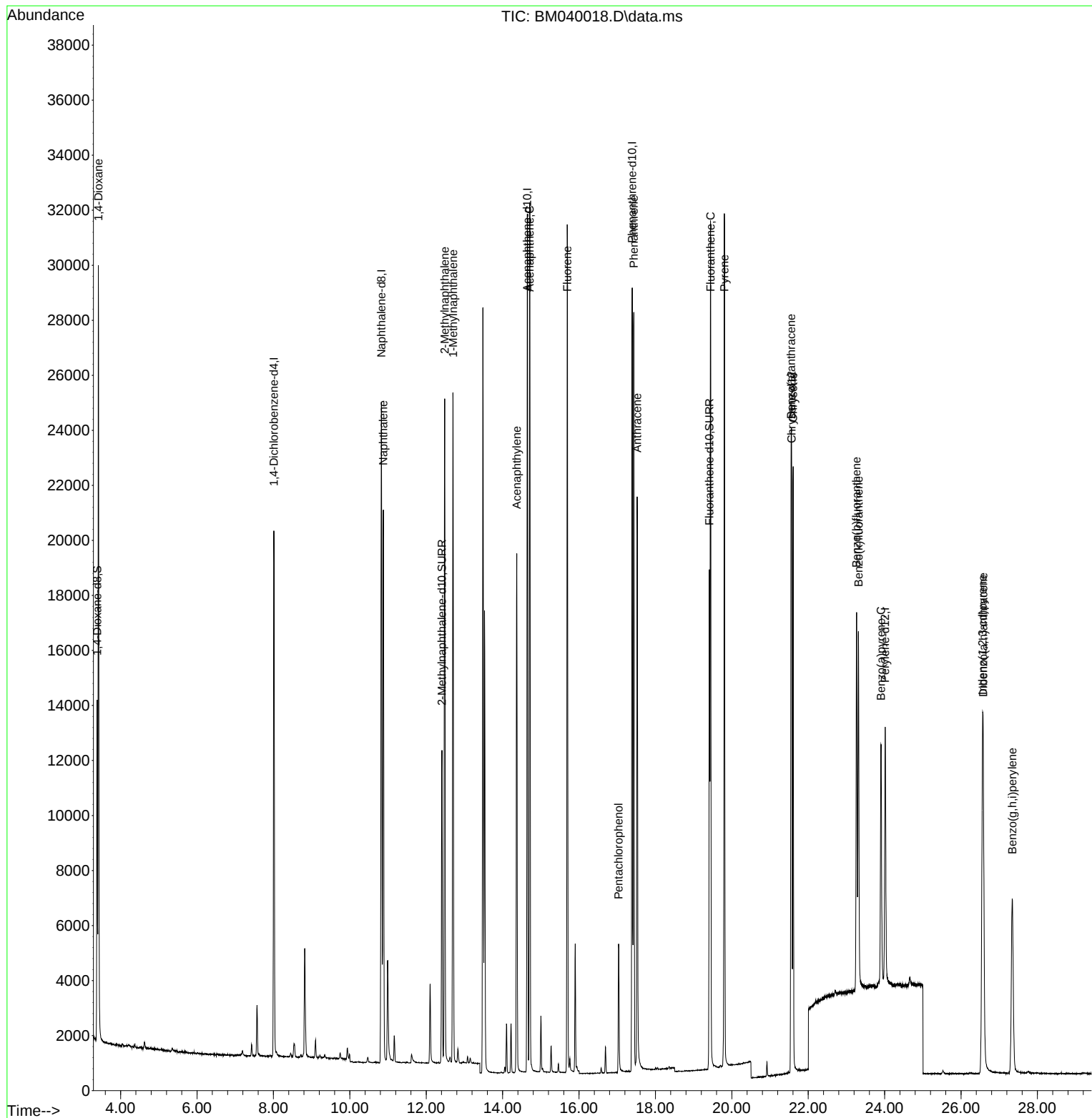
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.012	152	9618	0.400	ng/ul	0.00
4) Naphthalene-d8	10.827	136	32512	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.646	164	16545	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.391	188	31325	0.400	ng/ul	0.00
17) Chrysene-d12	21.567	240	15191	0.400	ng/ul	0.00
23) Perylene-d12	24.014	264	13142	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.384	96	7826	0.699	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.411	152	14542	0.366	ng/ul	0.00
18) Fluoranthene-d10	19.412	212	18374	0.402	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.417	88	18593	1.578	ng/ul	92
5) Naphthalene	10.877	128	26925	0.339	ng/ul	100
7) 2-Methylnaphthalene	12.483	142	16495	0.344	ng/ul	100
8) 1-Methylnaphthalene	12.703	142	16825	0.338	ng/ul	100
10) Acenaphthylene	14.369	152	21138	0.321	ng/ul	100
11) Acenaphthene	14.711	153	17778	0.331	ng/ul	99
12) Fluorene	15.692	166	18692	0.334	ng/ul	99
14) Pentachlorophenol	17.037	266	3246	0.511	ng/ul	99
15) Phenanthrene	17.433	178	28621	0.323	ng/ul	100
16) Anthracene	17.522	178	23234	0.312	ng/ul	99
19) Fluoranthene	19.445	202	25794	0.377	ng/ul	98
20) Pyrene	19.807	202	25398	0.367	ng/ul	96
21) Benzo(a)anthracene	21.550	228	17477	0.342	ng/ul	100
22) Chrysene	21.605	228	18772	0.345	ng/ul	99
24) Benzo(b)fluoranthene	23.265	252	17592	0.337	ng/ul	99
25) Benzo(k)fluoranthene	23.315	252	17648	0.336	ng/ul	99
26) Benzo(a)pyrene	23.906	252	14274	0.327	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	26.561	276	18220	0.290	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.581	278	14526	0.286	ng/ul	98
29) Benzo(g,h,i)perylene	27.339	276	14999	0.291	ng/ul	100

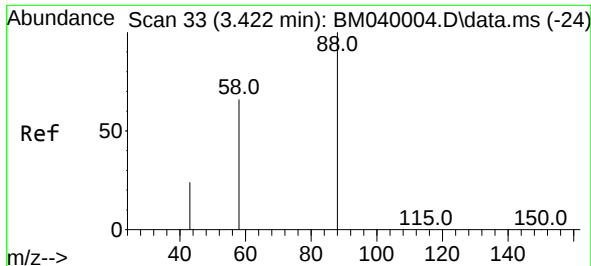
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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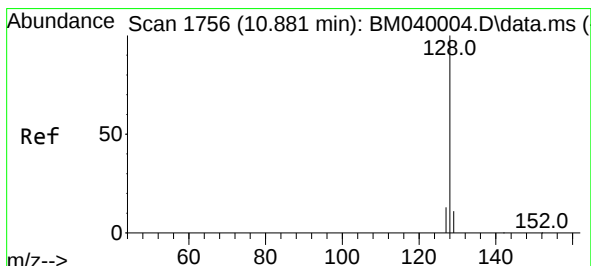
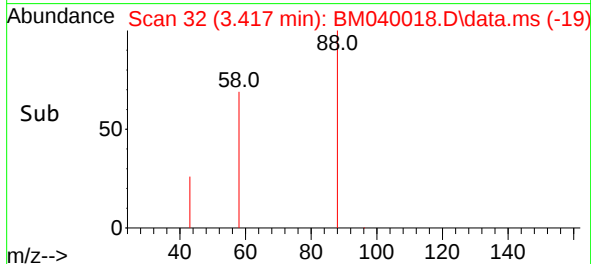
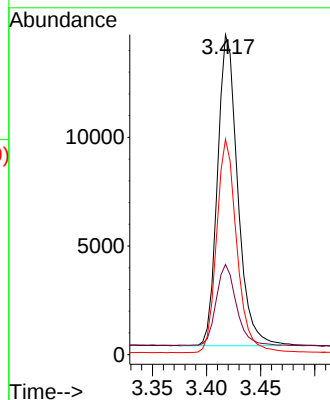
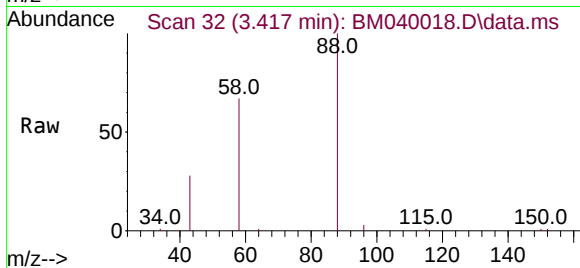




#2
1,4-Dioxane
Concen: 1.578 ng/ul
RT: 3.417 min Scan# 31
Delta R.T. -0.004 min
Lab File: BM040018.D
Acq: 26 May 2023 00:55

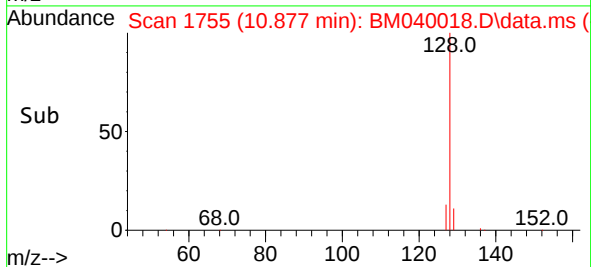
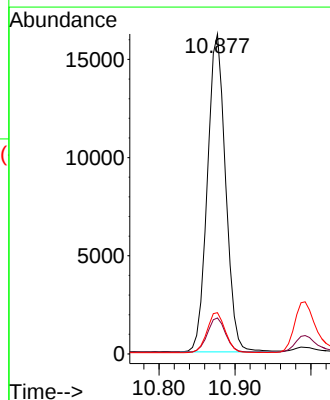
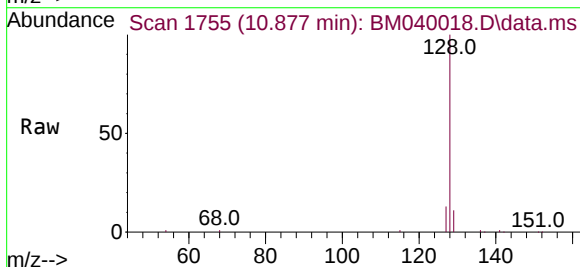
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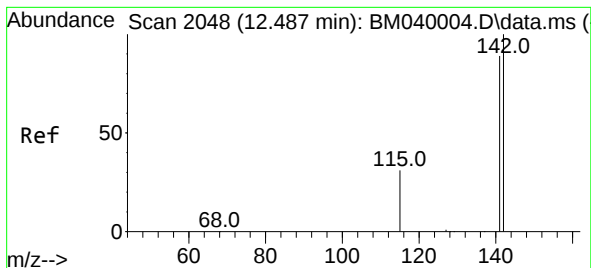
Tgt Ion: 88 Resp: 18593
Ion Ratio Lower Upper
88 100
43 28.2 25.9 38.9
58 67.4 48.5 72.7



#5
Naphthalene
Concen: 0.339 ng/ul
RT: 10.877 min Scan# 1755
Delta R.T. -0.000 min
Lab File: BM040018.D
Acq: 26 May 2023 00:55

Tgt Ion: 128 Resp: 26925
Ion Ratio Lower Upper
128 100
129 11.3 9.0 13.6
127 12.9 10.5 15.7

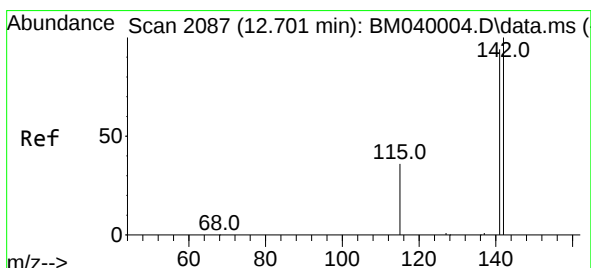
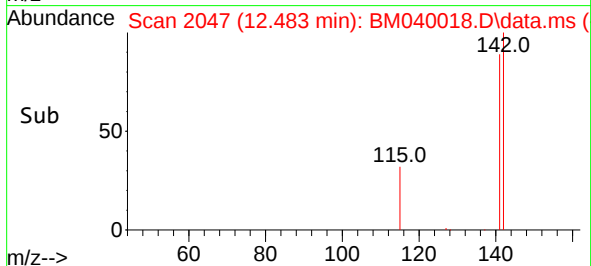
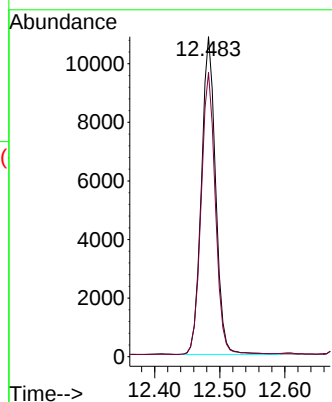
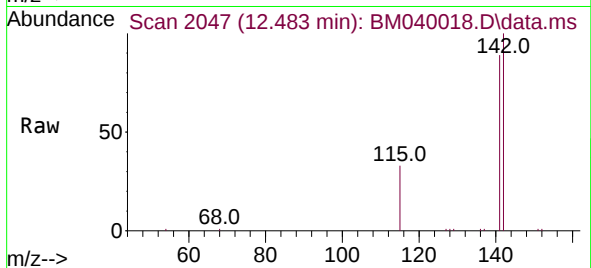




#7
2-Methylnaphthalene
Concen: 0.344 ng/ul
RT: 12.483 min Scan# 2047
Delta R.T. -0.000 min
Lab File: BM040018.D
Acq: 26 May 2023 00:55

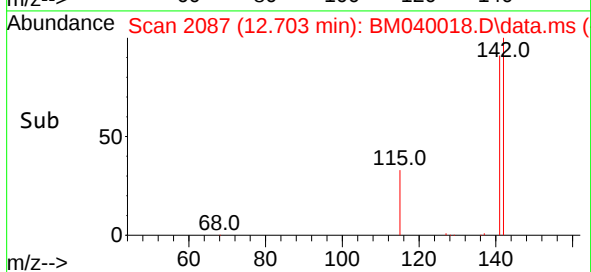
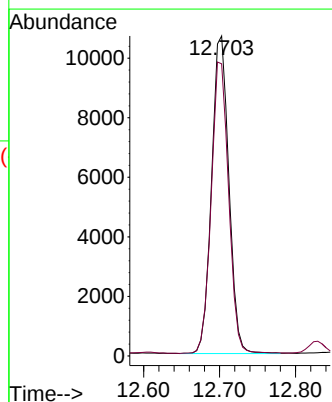
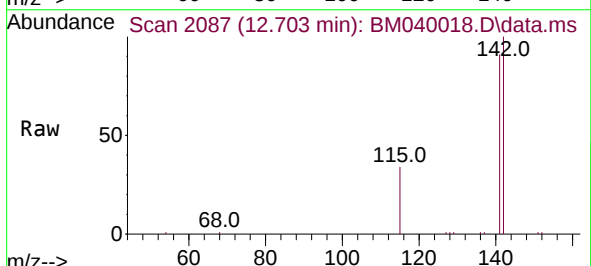
Instrument :
BNA_M
ClientSampleId :
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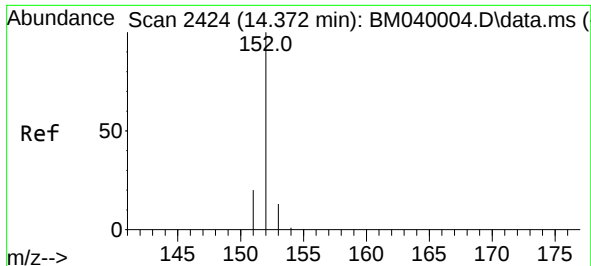
Tgt Ion:142 Resp: 16495
Ion Ratio Lower Upper
142 100
141 88.8 71.3 106.9



#8
1-Methylnaphthalene
Concen: 0.338 ng/ul
RT: 12.703 min Scan# 2087
Delta R.T. -0.000 min
Lab File: BM040018.D
Acq: 26 May 2023 00:55

Tgt Ion:142 Resp: 16825
Ion Ratio Lower Upper
142 100
141 92.4 73.8 110.6

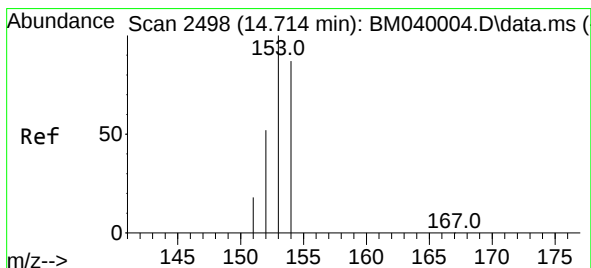
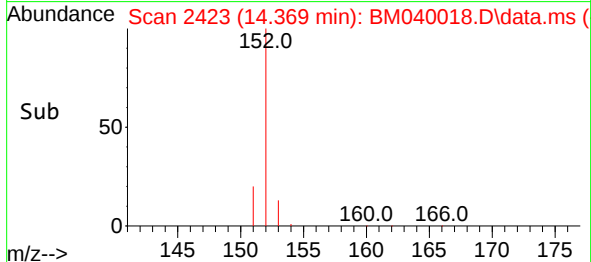
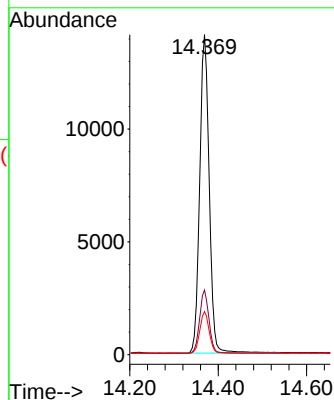
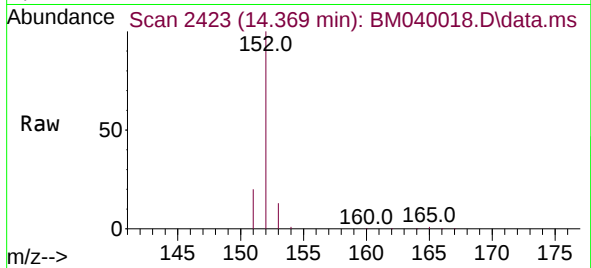




#10
Acenaphthylene
Concen: 0.321 ng/ul
RT: 14.369 min Scan# 2423
Delta R.T. -0.000 min
Lab File: BM040018.D
Acq: 26 May 2023 00:55

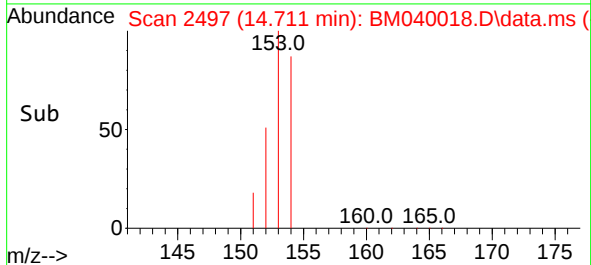
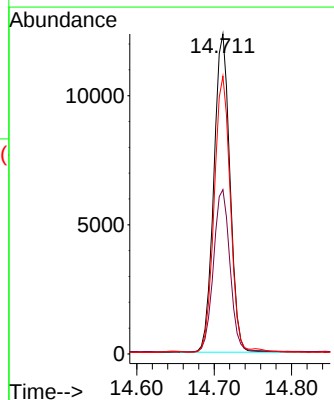
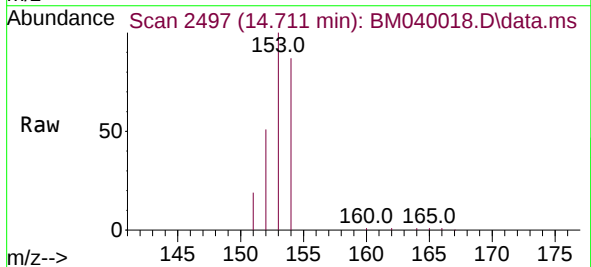
Instrument :
BNA_M
ClientSampleId :
SLCS976

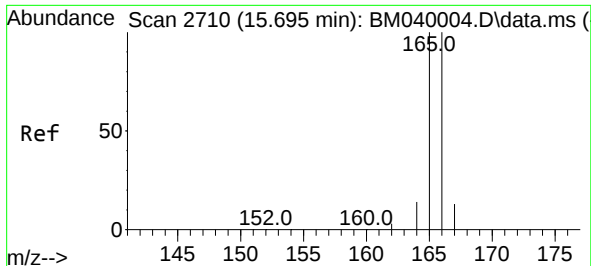
Tgt Ion:152 Resp: 21138
Ion Ratio Lower Upper
152 100
151 20.2 16.2 24.4
153 13.4 10.6 16.0



#11
Acenaphthene
Concen: 0.331 ng/ul
RT: 14.711 min Scan# 2497
Delta R.T. -0.000 min
Lab File: BM040018.D
Acq: 26 May 2023 00:55

Tgt Ion:153 Resp: 17778
Ion Ratio Lower Upper
153 100
152 51.4 42.0 63.0
154 86.8 69.4 104.2

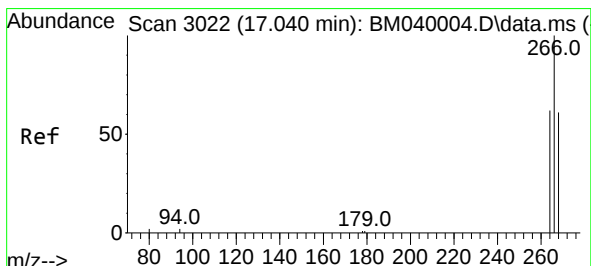
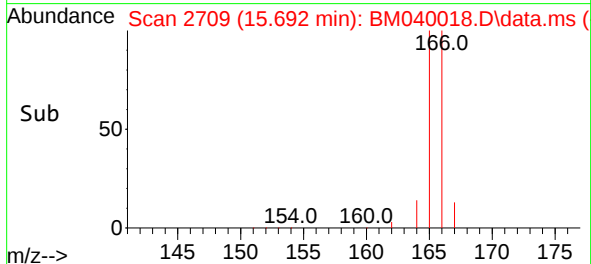
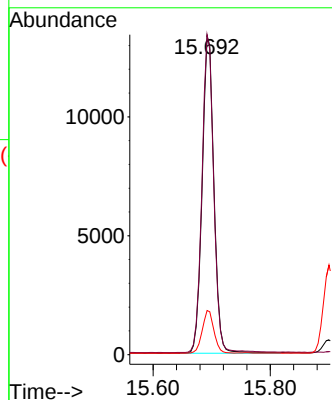
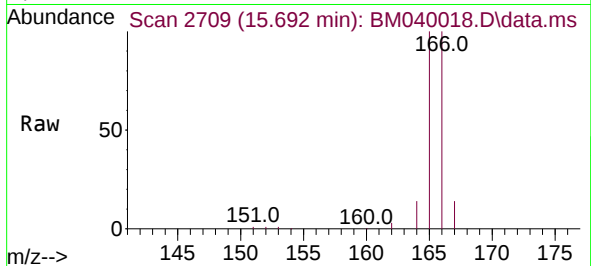




#12
Fluorene
Concen: 0.334 ng/ul
RT: 15.692 min Scan# 21
Delta R.T. -0.005 min
Lab File: BM040018.D
Acq: 26 May 2023 00:55

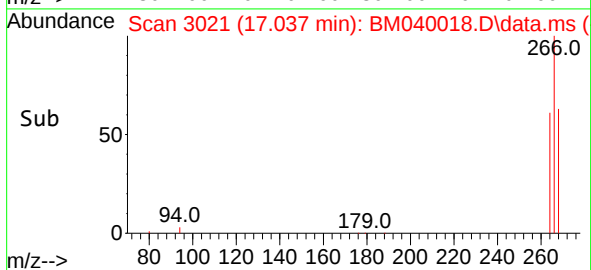
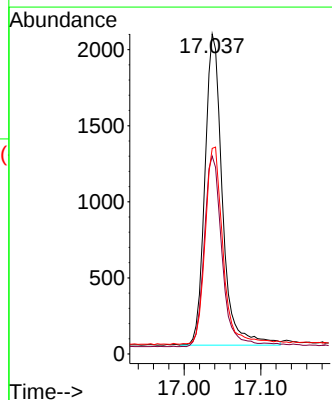
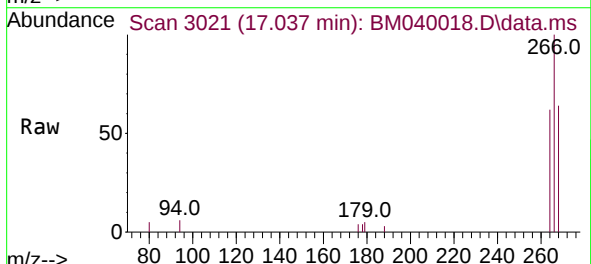
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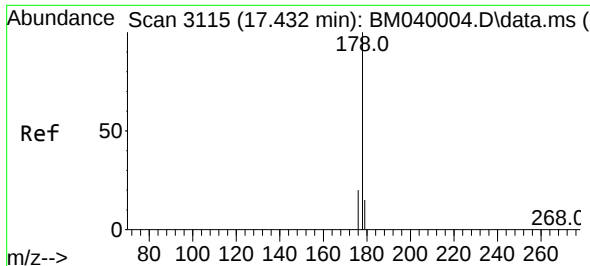
Tgt Ion:166 Resp: 18692
Ion Ratio Lower Upper
166 100
165 100.4 79.3 118.9
167 13.9 10.8 16.2



#14
Pentachlorophenol
Concen: 0.511 ng/ul
RT: 17.037 min Scan# 3021
Delta R.T. -0.004 min
Lab File: BM040018.D
Acq: 26 May 2023 00:55

Tgt Ion:266 Resp: 3246
Ion Ratio Lower Upper
266 100
264 63.2 49.2 73.8
268 65.2 51.9 77.9

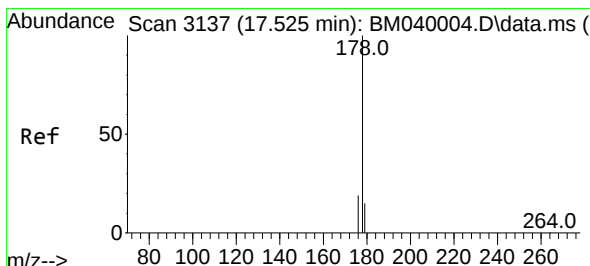
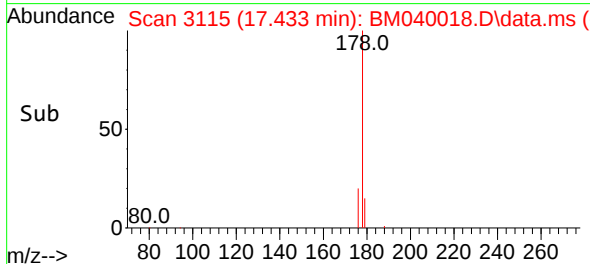
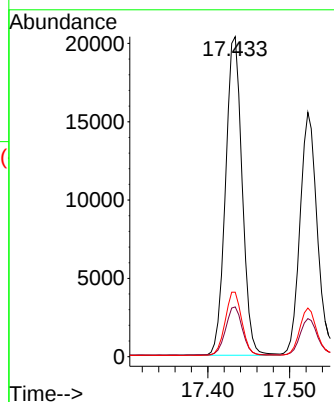
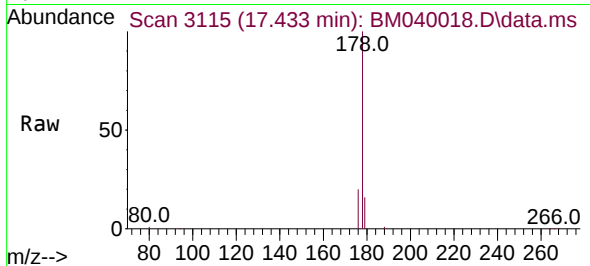




#15
Phenanthrene
Concen: 0.323 ng/ul
RT: 17.433 min Scan# 3115
Delta R.T. -0.000 min
Lab File: BM040018.D
Acq: 26 May 2023 00:55

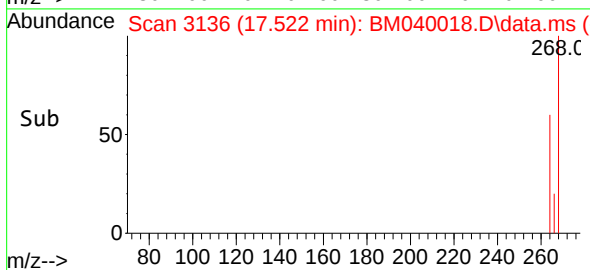
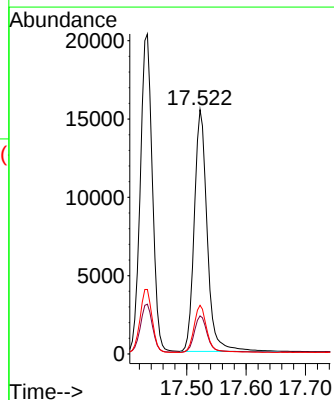
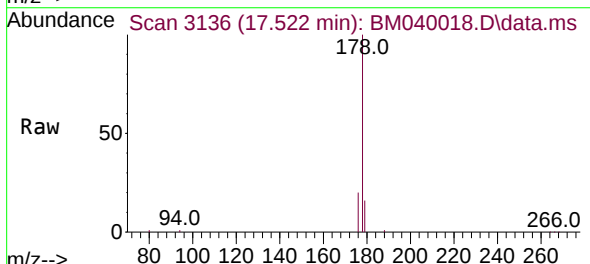
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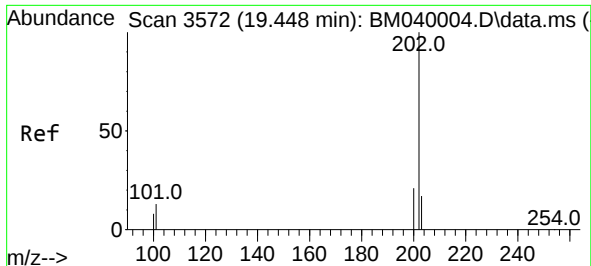
Tgt Ion:178	Resp:	28621
Ion Ratio	Lower	Upper
178	100	
179	15.6	12.4 18.6
176	20.1	16.3 24.5



#16
Anthracene
Concen: 0.312 ng/ul
RT: 17.522 min Scan# 3136
Delta R.T. -0.004 min
Lab File: BM040018.D
Acq: 26 May 2023 00:55

Tgt Ion:178	Resp:	23234
Ion Ratio	Lower	Upper
178	100	
179	15.6	12.6 19.0
176	19.9	15.5 23.3

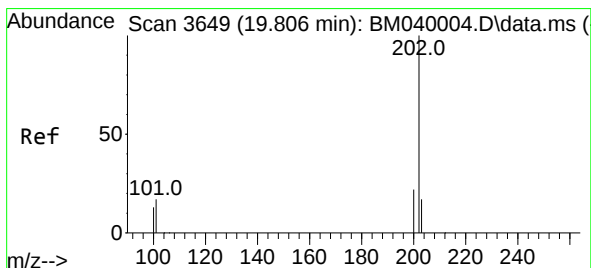
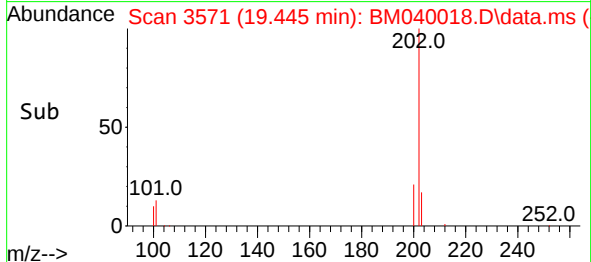
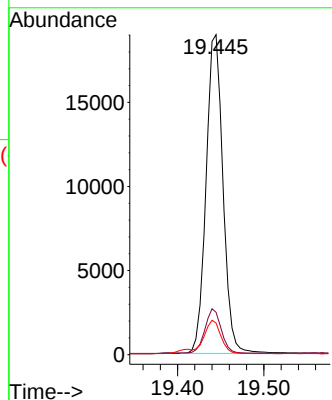
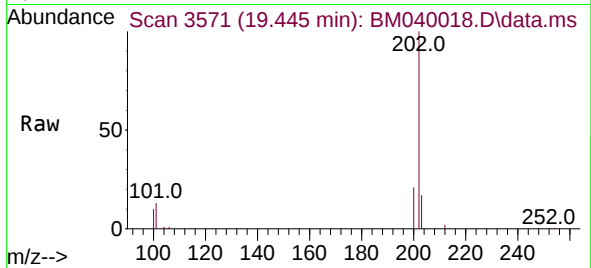




#19
Fluoranthene
Concen: 0.377 ng/u1
RT: 19.445 min Scan# 3571
Delta R.T. -0.000 min
Lab File: BM040018.D
Acq: 26 May 2023 00:55

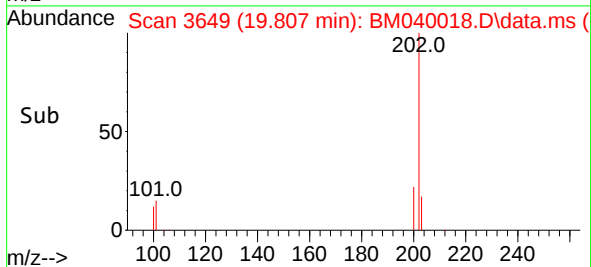
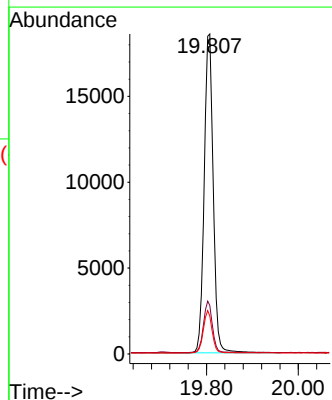
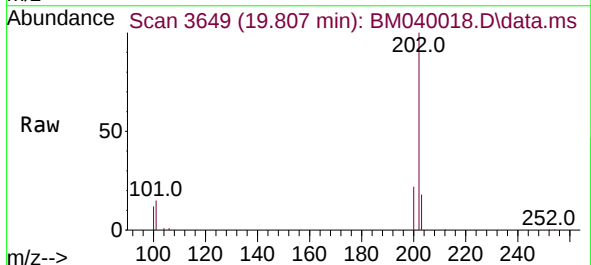
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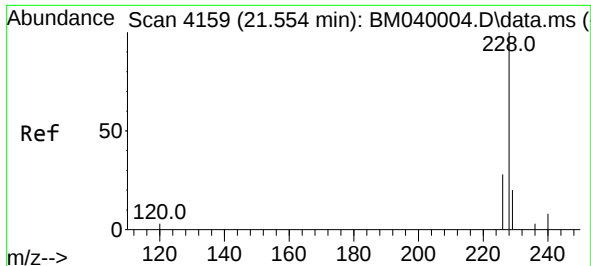
Tgt Ion:202 Resp: 25794
Ion Ratio Lower Upper
202 100
101 13.2 11.5 17.3
100 9.9 8.5 12.7



#20
Pyrene
Concen: 0.367 ng/u1
RT: 19.807 min Scan# 3649
Delta R.T. -0.000 min
Lab File: BM040018.D
Acq: 26 May 2023 00:55

Tgt Ion:202 Resp: 25398
Ion Ratio Lower Upper
202 100
101 15.2 13.3 19.9
100 11.9 10.9 16.3

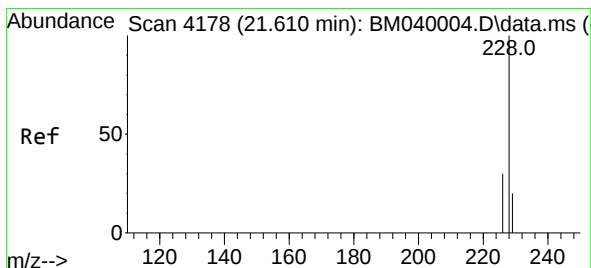
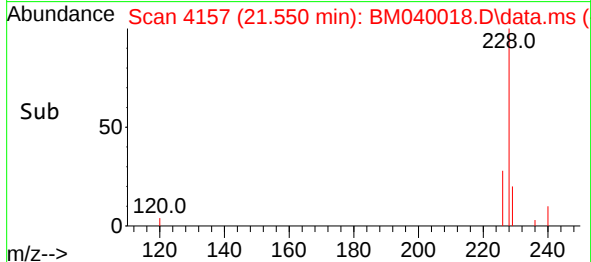
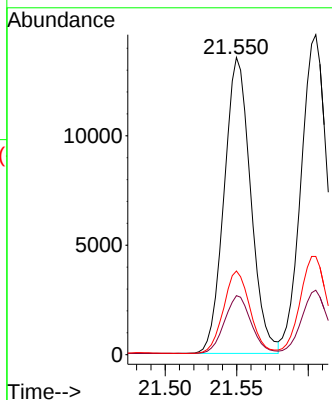
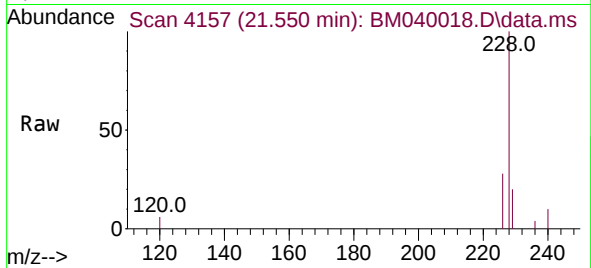




#21
Benzo(a)anthracene
Concen: 0.342 ng/ul
RT: 21.550 min Scan# 4159
Delta R.T. -0.006 min
Lab File: BM040018.D
Acq: 26 May 2023 00:55

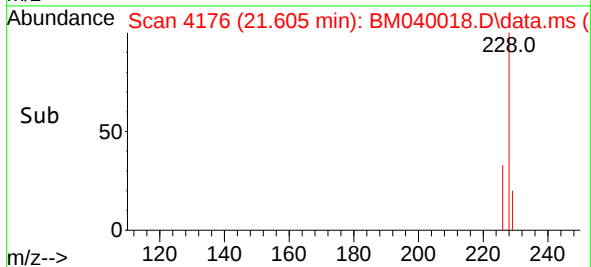
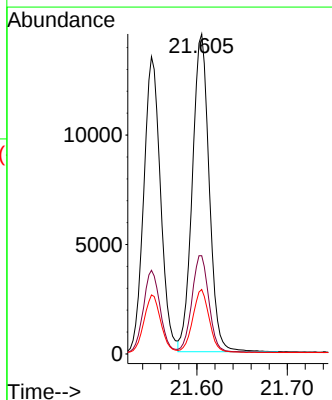
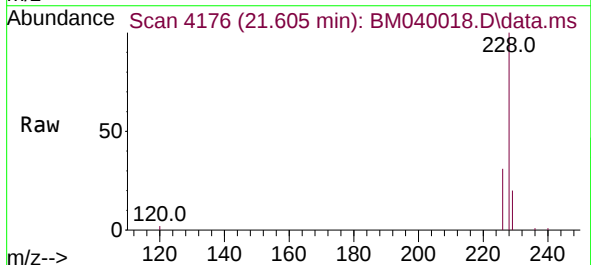
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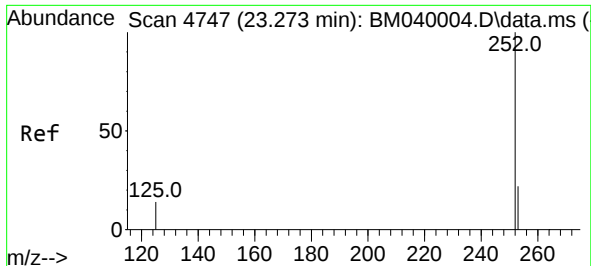
Tgt Ion:228 Resp: 17477
Ion Ratio Lower Upper
228 100
229 19.8 15.6 23.4
226 28.2 22.5 33.7



#22
Chrysene
Concen: 0.345 ng/ul
RT: 21.605 min Scan# 4176
Delta R.T. -0.006 min
Lab File: BM040018.D
Acq: 26 May 2023 00:55

Tgt Ion:228 Resp: 18772
Ion Ratio Lower Upper
228 100
226 30.7 24.6 36.8
229 20.2 15.6 23.4

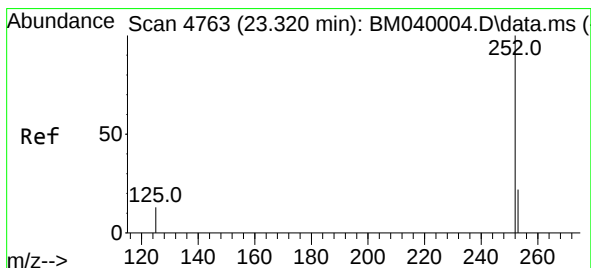
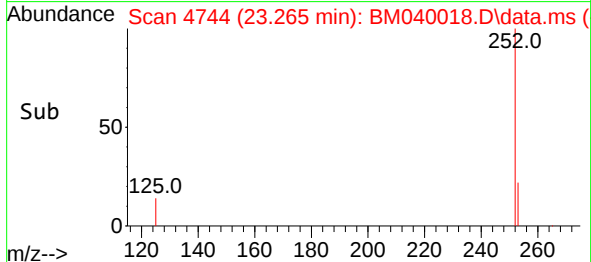
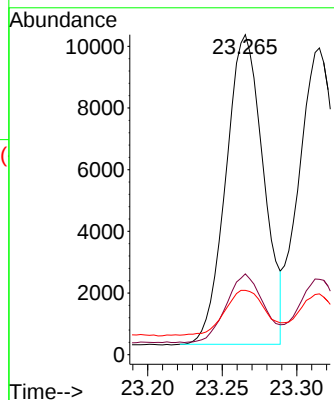
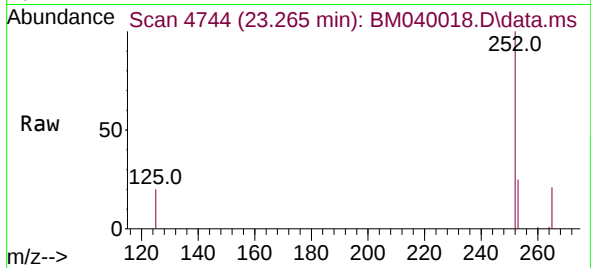




#24
Benzo(b)fluoranthene
Concen: 0.337 ng/ul
RT: 23.265 min Scan# 4744
Delta R.T. -0.009 min
Lab File: BM040018.D
Acq: 26 May 2023 00:55

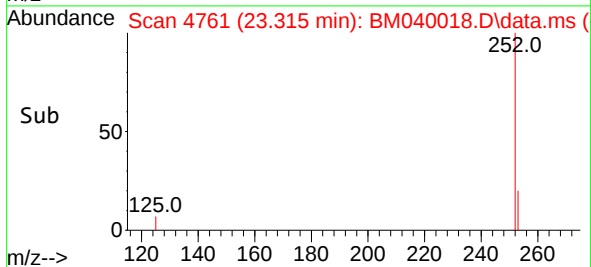
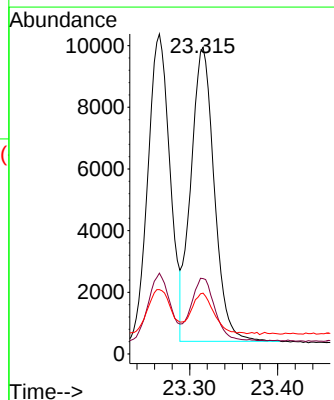
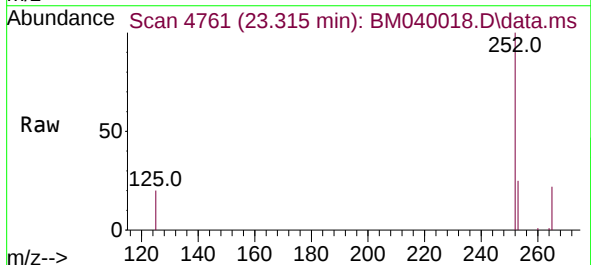
Instrument :
BNA_M
ClientSampleId :
SLCS976

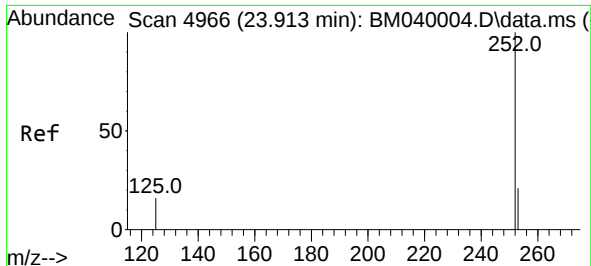
Tgt Ion:252 Resp: 17592
Ion Ratio Lower Upper
252 100
253 25.2 0.0 49.8
125 20.1 0.0 39.2



#25
Benzo(k)fluoranthene
Concen: 0.336 ng/ul
RT: 23.315 min Scan# 4761
Delta R.T. -0.009 min
Lab File: BM040018.D
Acq: 26 May 2023 00:55

Tgt Ion:252 Resp: 17648
Ion Ratio Lower Upper
252 100
253 24.6 19.7 29.5
125 19.8 15.0 22.4

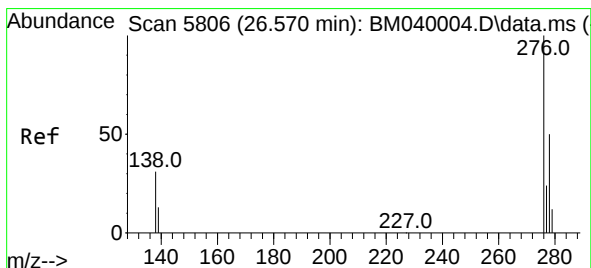
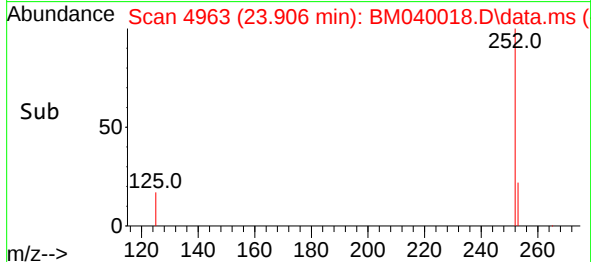
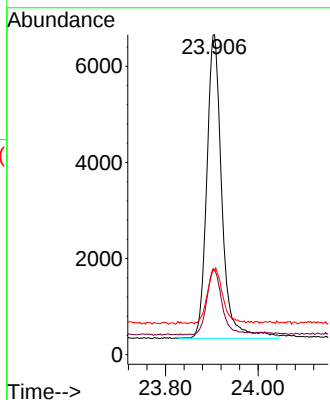
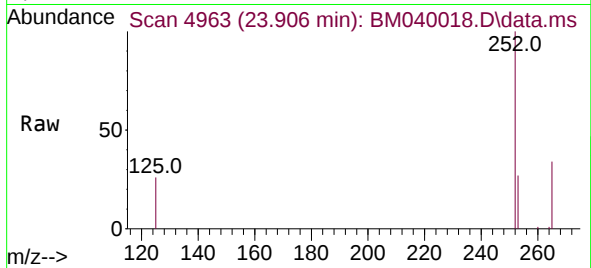




#26
Benzo(a)pyrene
Concen: 0.327 ng/ul
RT: 23.906 min Scan# 4966
Delta R.T. -0.009 min
Lab File: BM040018.D
Acq: 26 May 2023 00:55

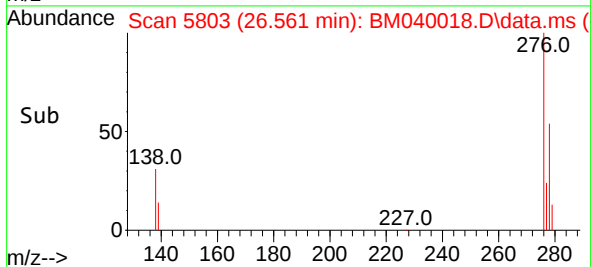
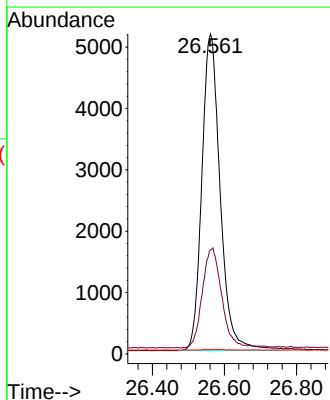
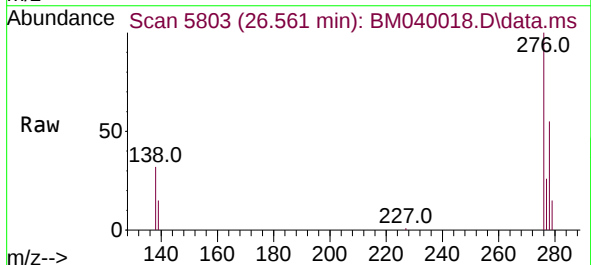
Instrument :
BNA_M
ClientSampleId :
SLCS976

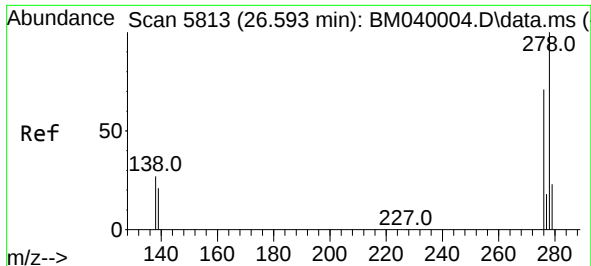
Tgt Ion:252 Resp: 14274
Ion Ratio Lower Upper
252 100
253 26.6 20.6 31.0
125 26.2 19.1 28.7



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.290 ng/ul
RT: 26.561 min Scan# 5803
Delta R.T. -0.010 min
Lab File: BM040018.D
Acq: 26 May 2023 00:55

Tgt Ion:276 Resp: 18220
Ion Ratio Lower Upper
276 100
138 33.7 26.9 40.3
227 0.2 0.1 0.1#

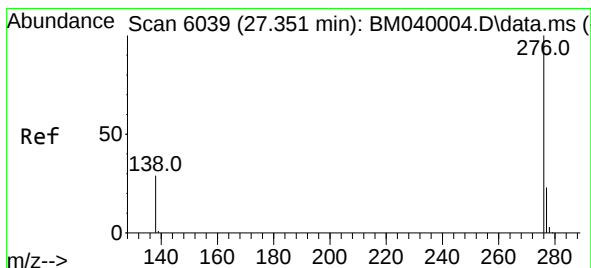
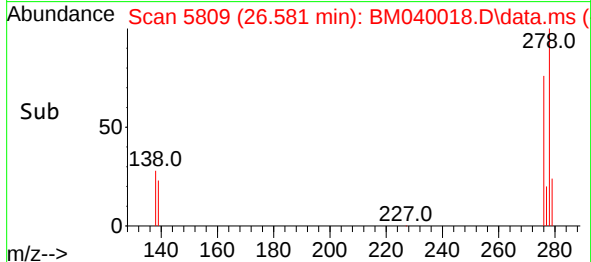
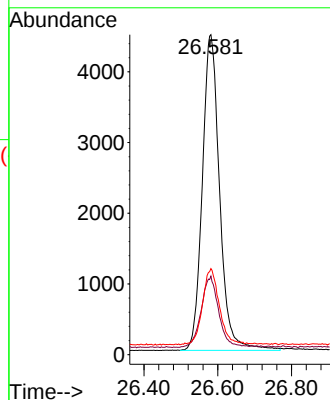
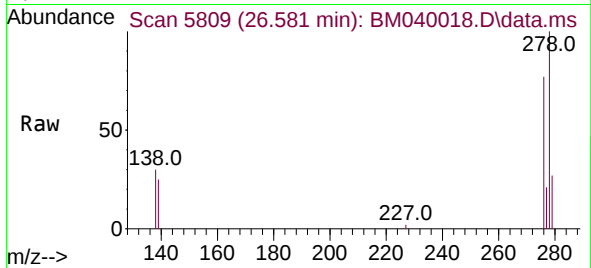




#28
Dibenzo(a,h)anthracene
Concen: 0.286 ng/ul
RT: 26.581 min Scan# 5809
Delta R.T. -0.014 min
Lab File: BM040018.D
Acq: 26 May 2023 00:55

Instrument :
BNA_M
ClientSampleId :
SLCS976

Tgt Ion:278 Resp: 14526
Ion Ratio Lower Upper
278 100
139 24.5 19.0 28.4
279 26.9 20.6 31.0



#29
Benzo(g,h,i)perylene
Concen: 0.291 ng/ul
RT: 27.339 min Scan# 6035
Delta R.T. -0.017 min
Lab File: BM040018.D
Acq: 26 May 2023 00:55

Tgt Ion:276 Resp: 14999
Ion Ratio Lower Upper
276 100
138 30.1 23.9 35.9
277 24.7 19.5 29.3

