

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052523\
 Data File : BM040035.D
 Acq On : 26 May 2023 12:51
 Operator : CG/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD0.4110

Quant Time: May 26 13:44:24 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

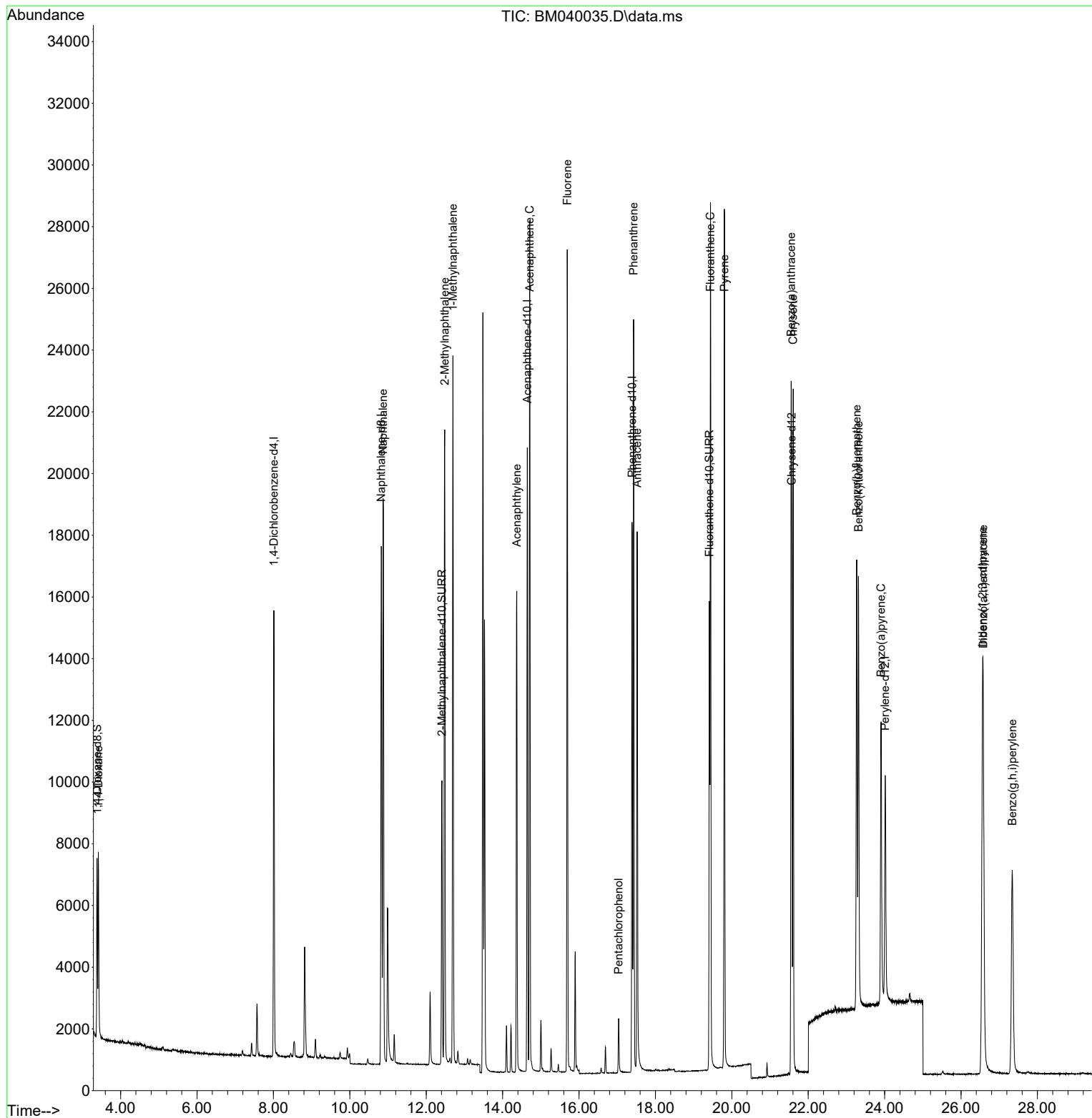
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.012	152	7391	0.400	ng/ul	0.00
4) Naphthalene-d8	10.822	136	23282	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.646	164	10709	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.387	188	20078	0.400	ng/ul	0.00
17) Chrysene-d12	21.567	240	11823	0.400	ng/ul	0.00
23) Perylene-d12	24.014	264	10572	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.384	96	3814	0.443	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.411	152	12267	0.431	ng/ul	0.00
18) Fluoranthene-d10	19.412	212	15262	0.429	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.417	88	3976	0.439	ng/ul	97
5) Naphthalene	10.871	128	25074	0.441	ng/ul	100
7) 2-Methylnaphthalene	12.483	142	14899	0.434	ng/ul	100
8) 1-Methylnaphthalene	12.697	142	15491	0.434	ng/ul	99
10) Acenaphthylene	14.369	152	18188	0.426	ng/ul	99
11) Acenaphthene	14.706	153	15643	0.450	ng/ul	99
12) Fluorene	15.692	166	16255	0.449	ng/ul	98
14) Pentachlorophenol	17.036	266	1226	0.301	ng/ul	97
15) Phenanthrene	17.429	178	24794	0.436	ng/ul	99
16) Anthracene	17.522	178	19542	0.410	ng/ul	99
19) Fluoranthene	19.440	202	22915	0.431	ng/ul	98
20) Pyrene	19.807	202	22556	0.418	ng/ul	97
21) Benzo(a)anthracene	21.553	228	17110	0.430	ng/ul	99
22) Chrysene	21.605	228	19171	0.453	ng/ul	99
24) Benzo(b)fluoranthene	23.268	252	18712	0.446	ng/ul	99
25) Benzo(k)fluoranthene	23.315	252	18460	0.436	ng/ul	98
26) Benzo(a)pyrene	23.906	252	15000	0.427	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	26.561	276	18724	0.370	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.581	278	15020	0.368	ng/ul	99
29) Benzo(g,h,i)perylene	27.339	276	15028	0.363	ng/ul	98

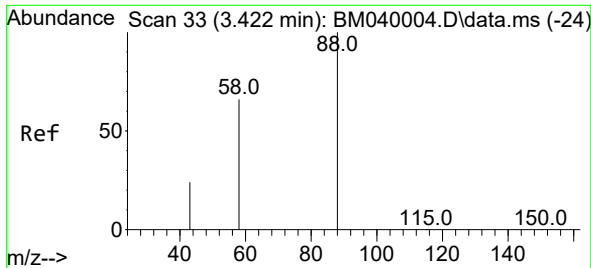
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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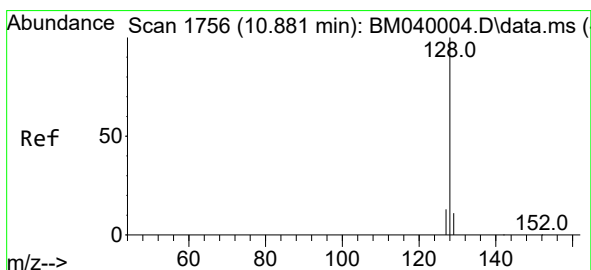
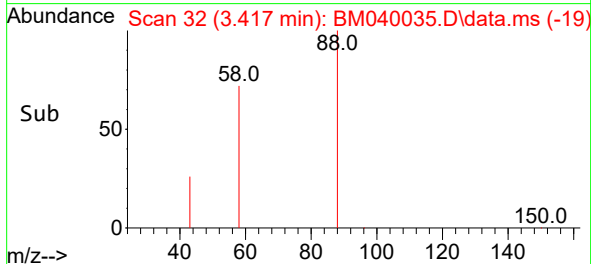
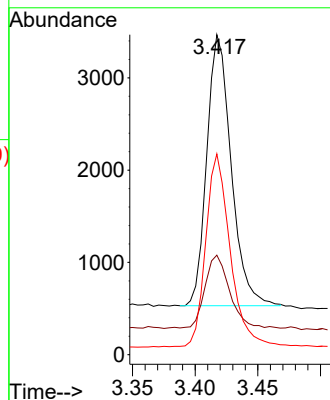
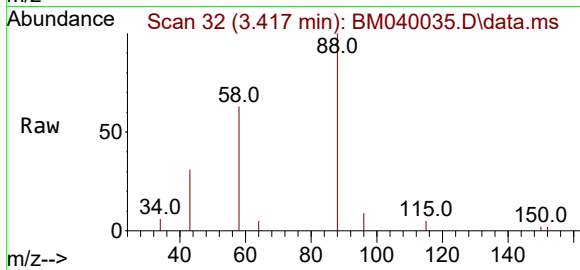




#2
1,4-Dioxane
Concen: 0.439 ng/ul
RT: 3.417 min Scan# 31
Delta R.T. -0.005 min
Lab File: BM040035.D
Acq: 26 May 2023 12:51

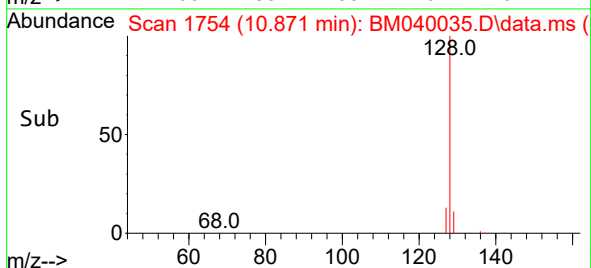
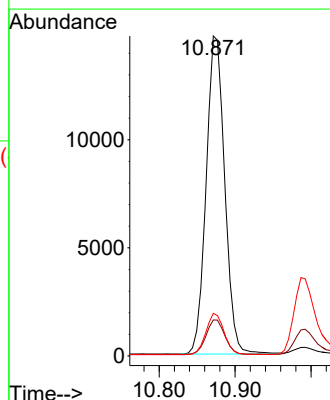
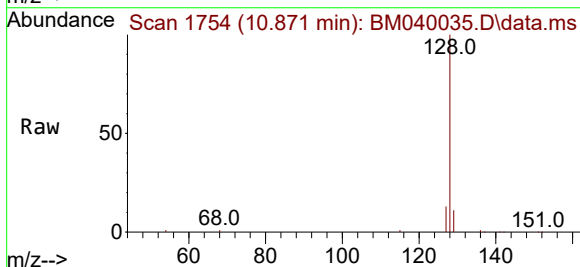
Instrument :
BNA_M
ClientSampleId :
SSTD0.4110

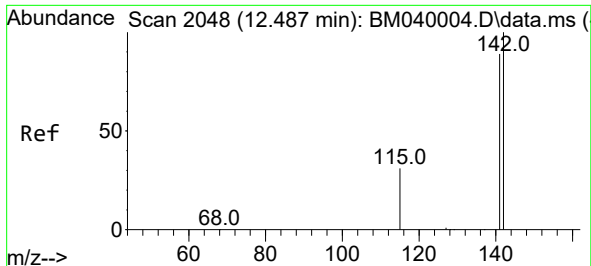
Tgt Ion: 88 Resp: 3976
Ion Ratio Lower Upper
88 100
43 31.1 25.9 38.9
58 62.7 48.5 72.7



#5
Naphthalene
Concen: 0.441 ng/ul
RT: 10.871 min Scan# 1754
Delta R.T. -0.006 min
Lab File: BM040035.D
Acq: 26 May 2023 12:51

Tgt Ion: 128 Resp: 25074
Ion Ratio Lower Upper
128 100
129 11.3 9.0 13.6
127 13.3 10.5 15.7

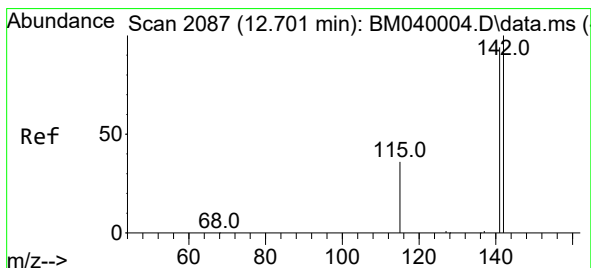
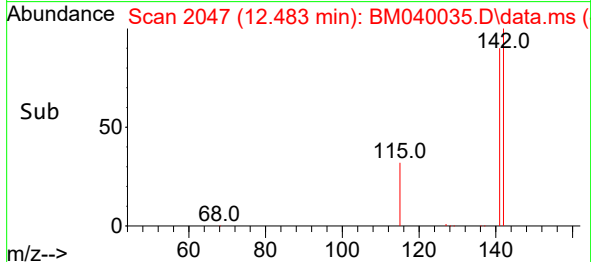
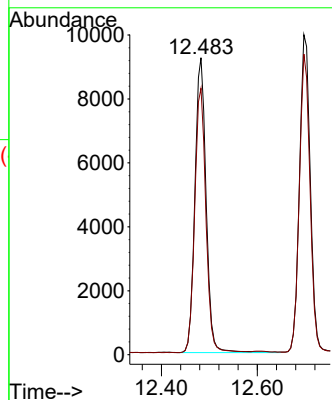
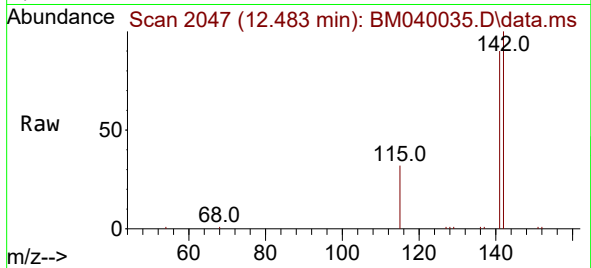




#7
2-Methylnaphthalene
Concen: 0.434 ng/ul
RT: 12.483 min Scan# 2047
Delta R.T. -0.000 min
Lab File: BM040035.D
Acq: 26 May 2023 12:51

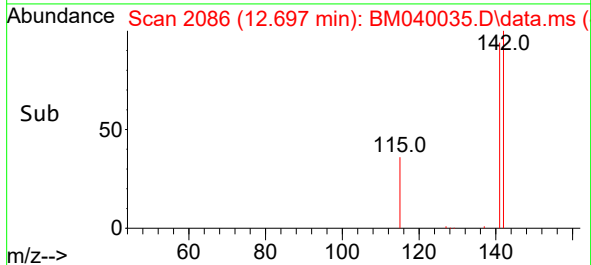
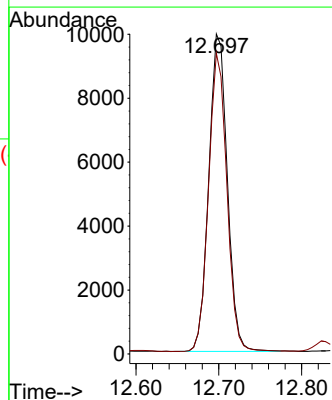
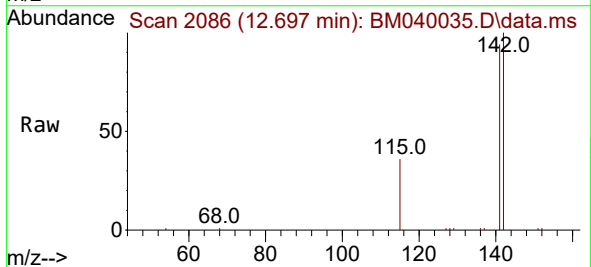
Instrument :
BNA_M
ClientSampleId :
SSTD0.4110

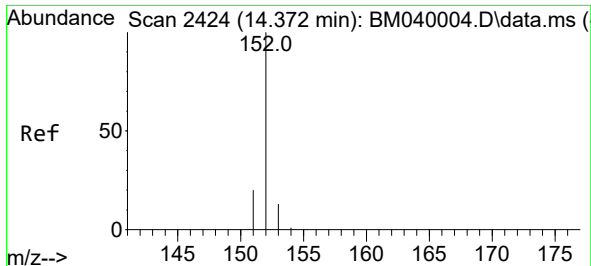
Tgt Ion:142 Resp: 14899
Ion Ratio Lower Upper
142 100
141 89.5 71.3 106.9



#8
1-Methylnaphthalene
Concen: 0.434 ng/ul
RT: 12.697 min Scan# 2086
Delta R.T. -0.006 min
Lab File: BM040035.D
Acq: 26 May 2023 12:51

Tgt Ion:142 Resp: 15491
Ion Ratio Lower Upper
142 100
141 93.1 73.8 110.6

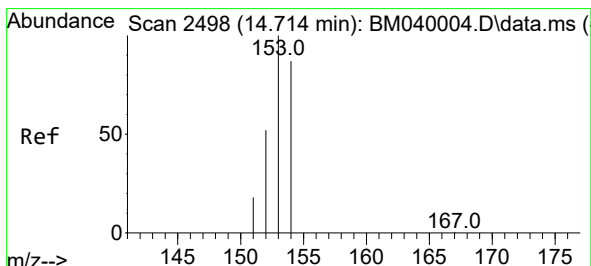
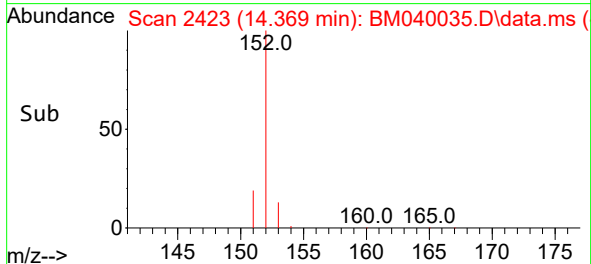
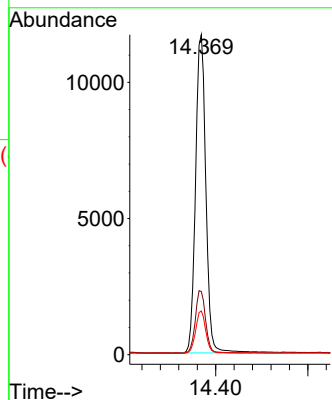
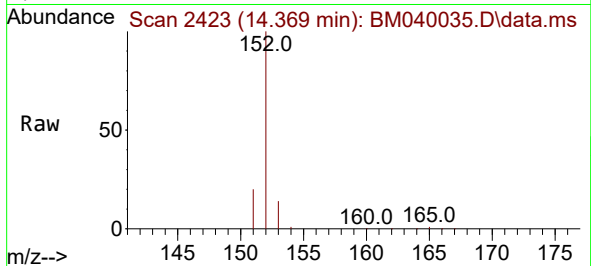




#10
Acenaphthylene
Concen: 0.426 ng/ul
RT: 14.369 min Scan# 2423
Delta R.T. -0.000 min
Lab File: BM040035.D
Acq: 26 May 2023 12:51

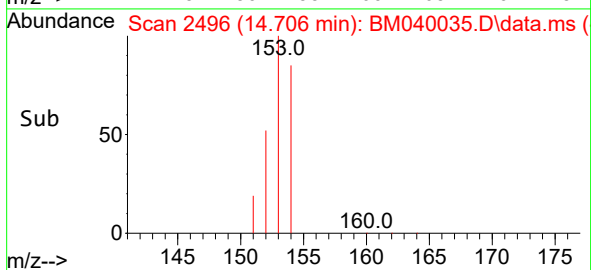
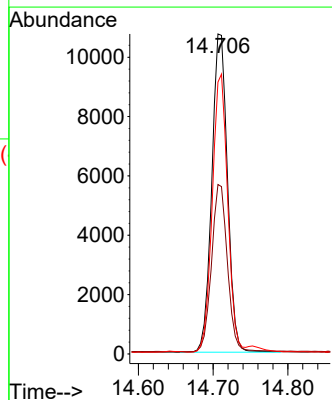
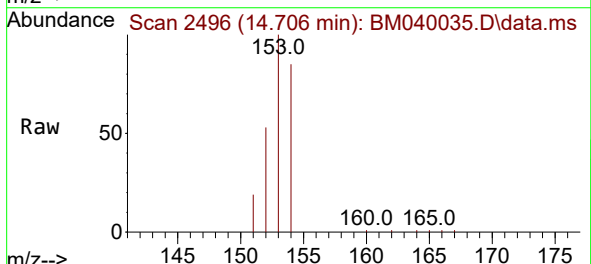
Instrument :
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ClientSampleId :
SSTD0.4110

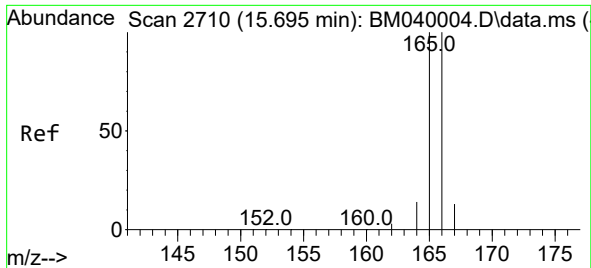
Tgt Ion:152	Resp:	18188
Ion Ratio	Lower	Upper
152	100	
151	19.8	16.2 24.4
153	13.6	10.6 16.0



#11
Acenaphthene
Concen: 0.450 ng/ul
RT: 14.706 min Scan# 2496
Delta R.T. -0.005 min
Lab File: BM040035.D
Acq: 26 May 2023 12:51

Tgt Ion:153	Resp:	15643
Ion Ratio	Lower	Upper
153	100	
152	52.9	42.0 63.0
154	84.9	69.4 104.2

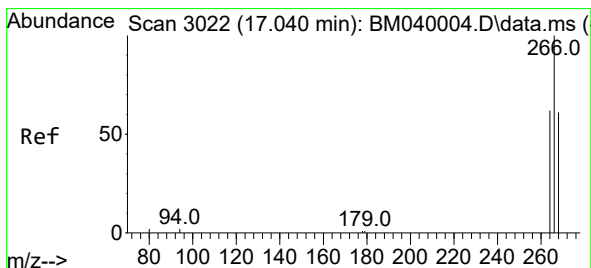
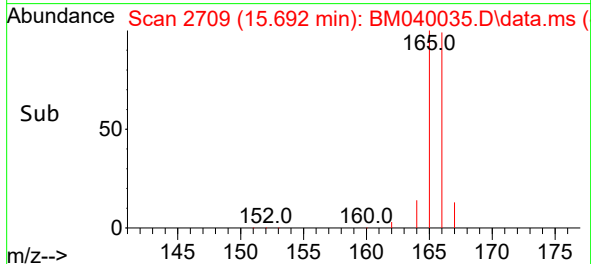
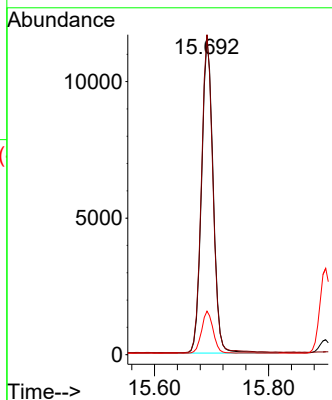
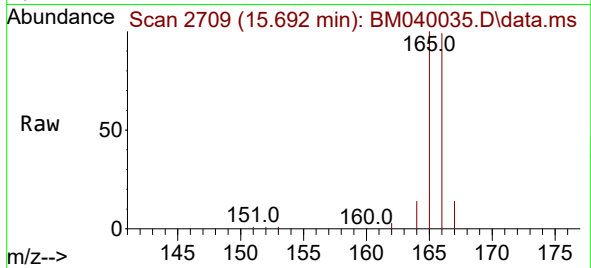




#12
 Fluorene
 Concen: 0.449 ng/ul
 RT: 15.692 min Scan# 21
 Delta R.T. -0.005 min
 Lab File: BM040035.D
 Acq: 26 May 2023 12:51

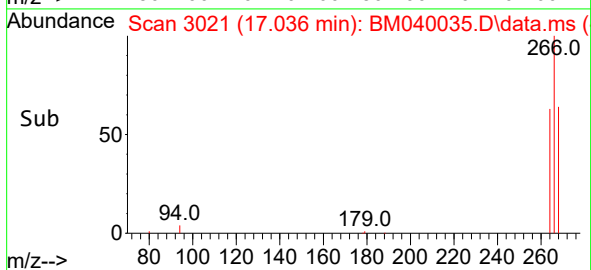
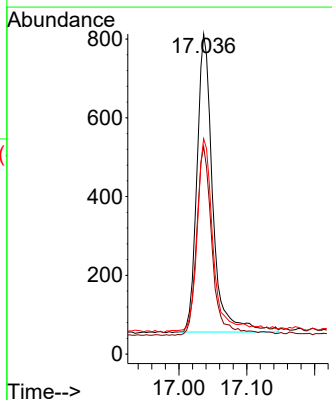
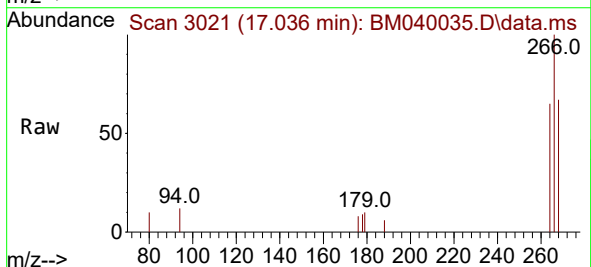
Instrument :
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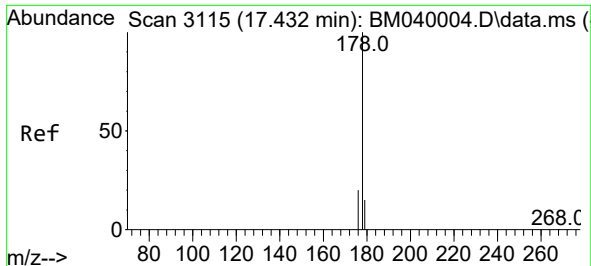
Tgt Ion:166 Resp: 16255
 Ion Ratio Lower Upper
 166 100
 165 101.4 79.3 118.9
 167 13.8 10.8 16.2



#14
 Pentachlorophenol
 Concen: 0.301 ng/ul
 RT: 17.036 min Scan# 3021
 Delta R.T. -0.005 min
 Lab File: BM040035.D
 Acq: 26 May 2023 12:51

Tgt Ion:266 Resp: 1226
 Ion Ratio Lower Upper
 266 100
 264 62.8 49.2 73.8
 268 68.2 51.9 77.9

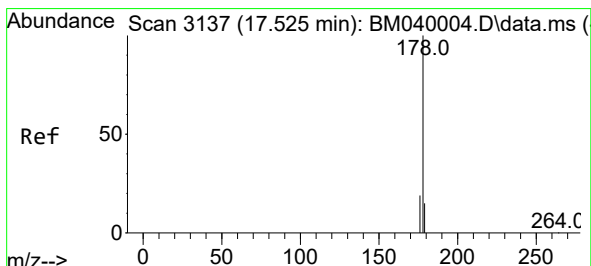
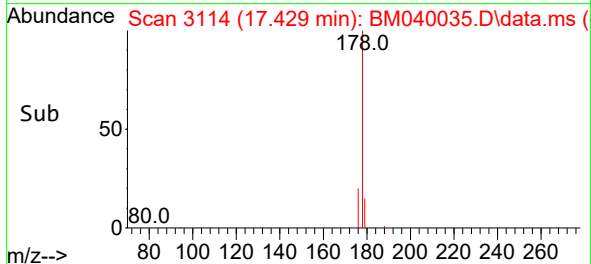
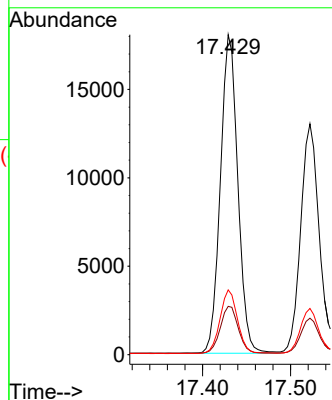
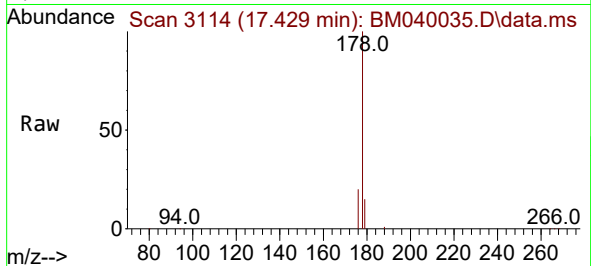




#15
Phenanthrene
Concen: 0.436 ng/ul
RT: 17.429 min Scan# 3114
Delta R.T. -0.005 min
Lab File: BM040035.D
Acq: 26 May 2023 12:51

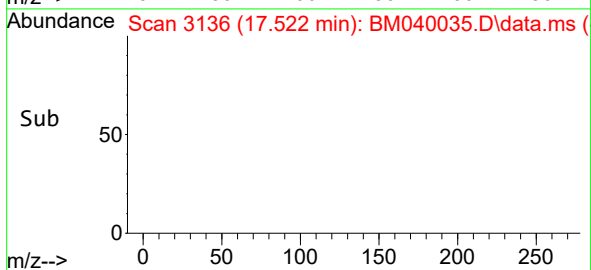
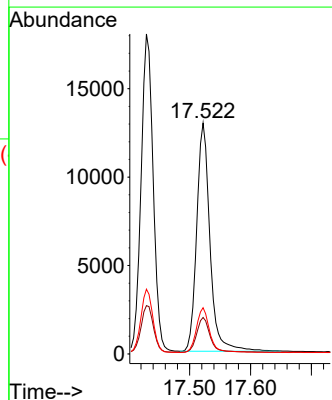
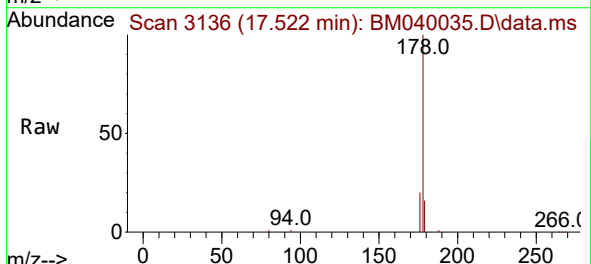
Instrument :
BNA_M
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SSTD0.4110

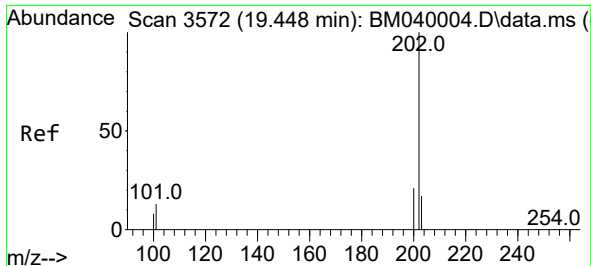
Tgt Ion:178 Resp: 24794
Ion Ratio Lower Upper
178 100
179 15.1 12.4 18.6
176 20.3 16.3 24.5



#16
Anthracene
Concen: 0.410 ng/ul
RT: 17.522 min Scan# 3136
Delta R.T. -0.005 min
Lab File: BM040035.D
Acq: 26 May 2023 12:51

Tgt Ion:178 Resp: 19542
Ion Ratio Lower Upper
178 100
179 15.8 12.6 19.0
176 20.0 15.5 23.3

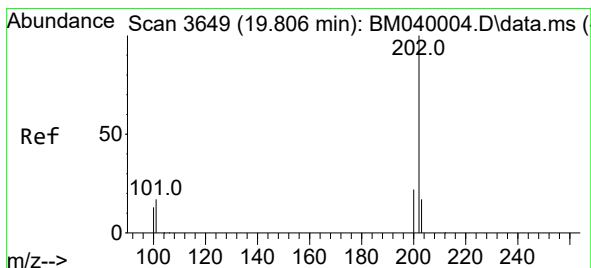
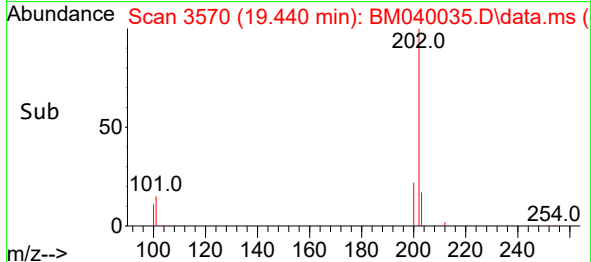
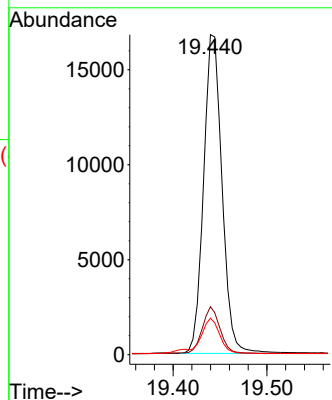
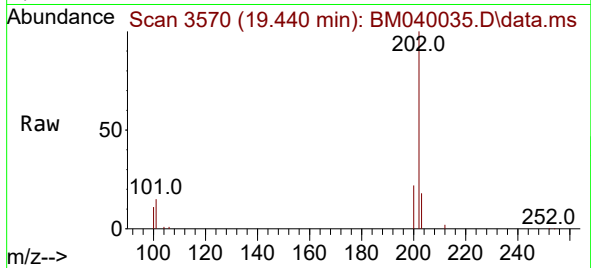




#19
Fluoranthene
Concen: 0.431 ng/ul
RT: 19.440 min Scan# 3572
Delta R.T. -0.005 min
Lab File: BM040035.D
Acq: 26 May 2023 12:51

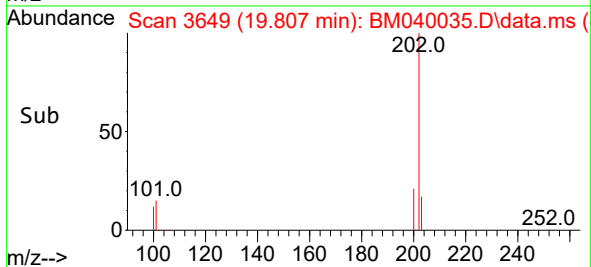
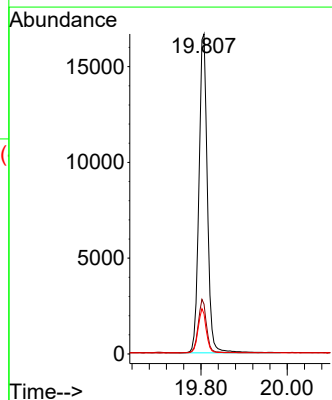
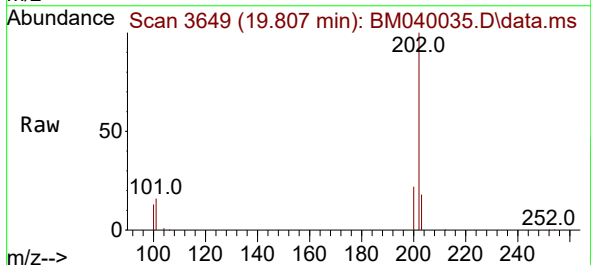
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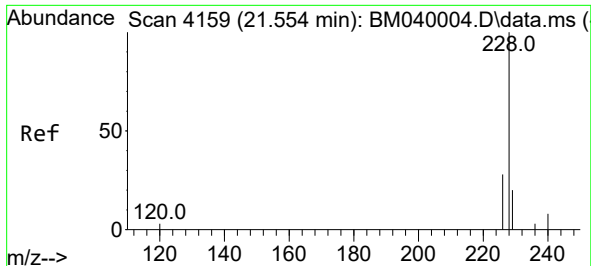
Tgt Ion:202 Resp: 22915
Ion Ratio Lower Upper
202 100
101 15.0 11.5 17.3
100 11.4 8.5 12.7



#20
Pyrene
Concen: 0.418 ng/ul
RT: 19.807 min Scan# 3649
Delta R.T. -0.000 min
Lab File: BM040035.D
Acq: 26 May 2023 12:51

Tgt Ion:202 Resp: 22556
Ion Ratio Lower Upper
202 100
101 15.5 13.3 19.9
100 12.5 10.9 16.3

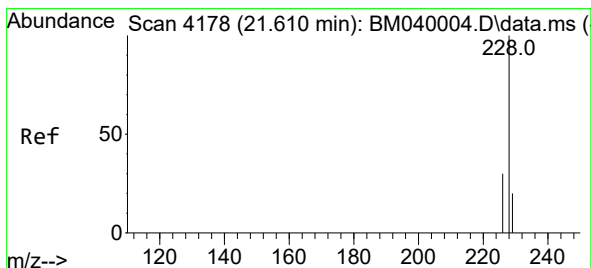
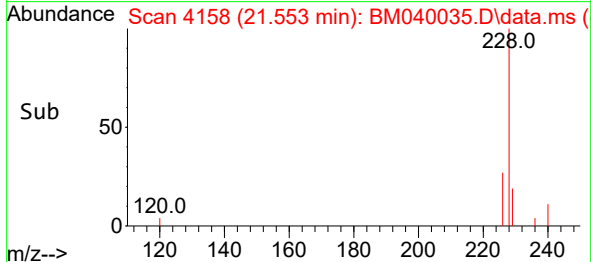
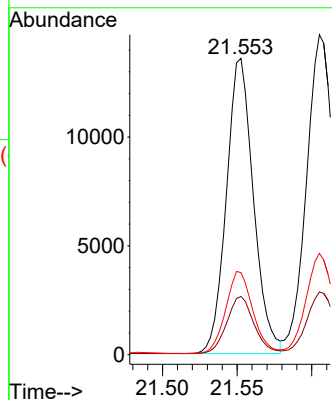
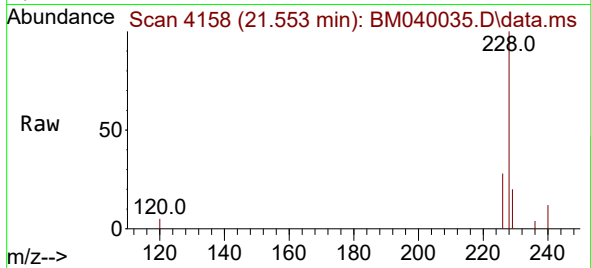




#21
Benzo(a)anthracene
Concen: 0.430 ng/ul
RT: 21.553 min Scan# 4159
Delta R.T. -0.003 min
Lab File: BM040035.D
Acq: 26 May 2023 12:51

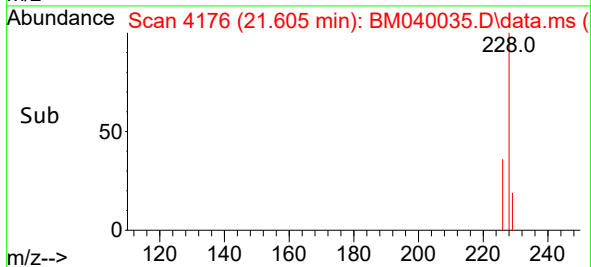
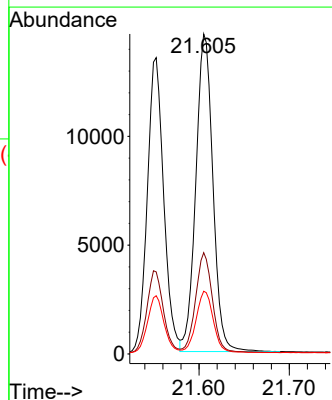
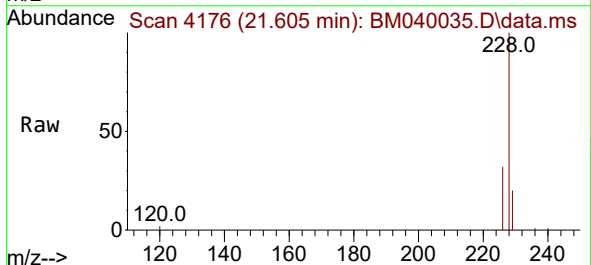
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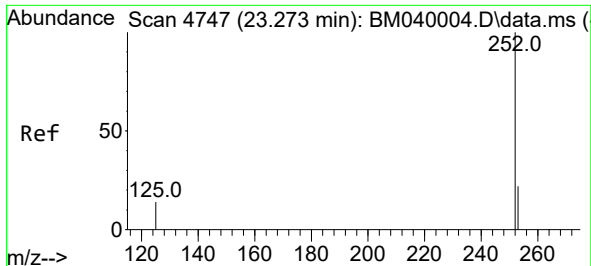
Tgt Ion:228 Resp: 17110
Ion Ratio Lower Upper
228 100
229 19.7 15.6 23.4
226 27.7 22.5 33.7



#22
Chrysene
Concen: 0.453 ng/ul
RT: 21.605 min Scan# 4176
Delta R.T. -0.006 min
Lab File: BM040035.D
Acq: 26 May 2023 12:51

Tgt Ion:228 Resp: 19171
Ion Ratio Lower Upper
228 100
226 31.6 24.6 36.8
229 19.6 15.6 23.4

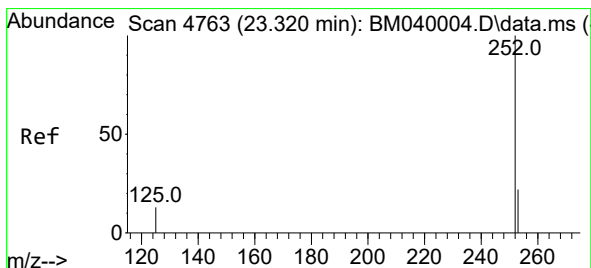
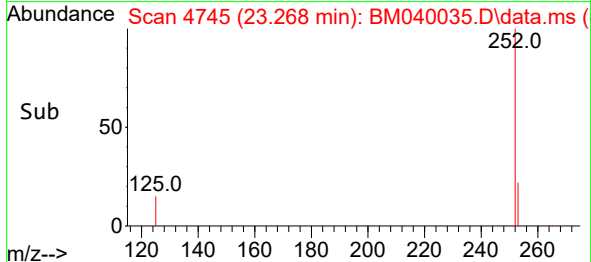
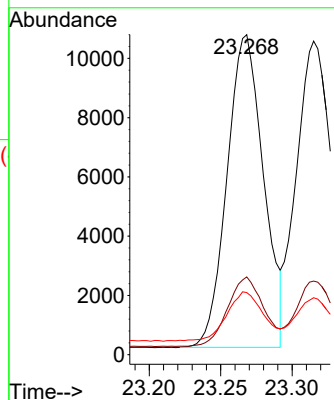
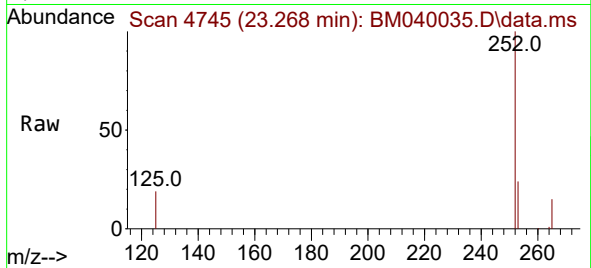




#24
Benzo(b)fluoranthene
Concen: 0.446 ng/ul
RT: 23.268 min Scan# 4745
Delta R.T. -0.006 min
Lab File: BM040035.D
Acq: 26 May 2023 12:51

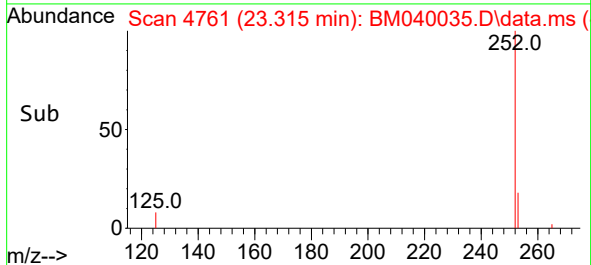
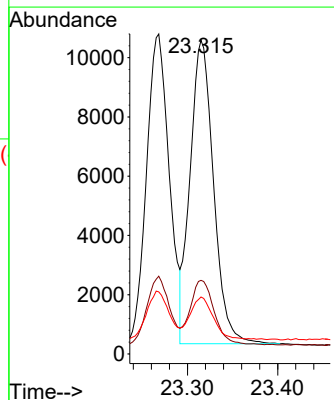
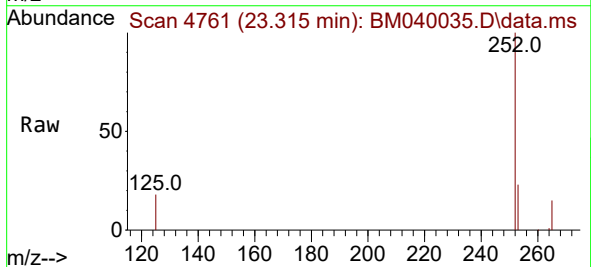
Instrument :
BNA_M
ClientSampleId :
SSTD0.4110

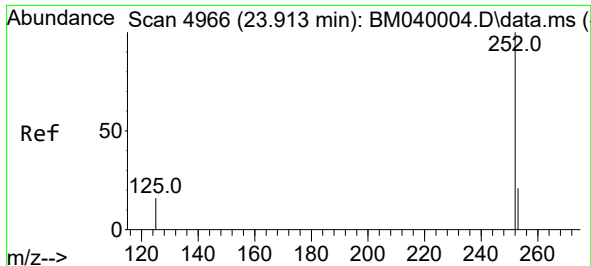
Tgt Ion:252 Resp: 18712
Ion Ratio Lower Upper
252 100
253 24.3 0.0 49.8
125 19.4 0.0 39.2



#25
Benzo(k)fluoranthene
Concen: 0.436 ng/ul
RT: 23.315 min Scan# 4761
Delta R.T. -0.009 min
Lab File: BM040035.D
Acq: 26 May 2023 12:51

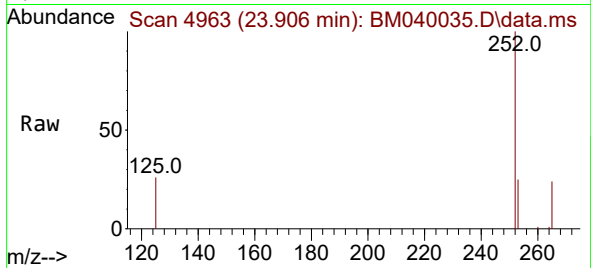
Tgt Ion:252 Resp: 18460
Ion Ratio Lower Upper
252 100
253 23.5 19.7 29.5
125 18.2 15.0 22.4



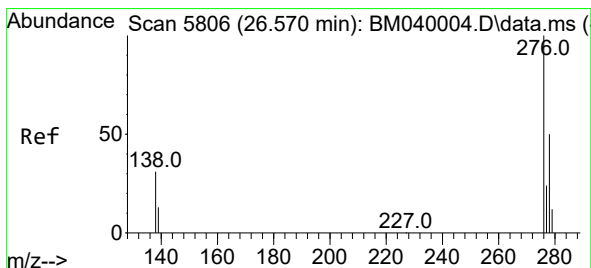
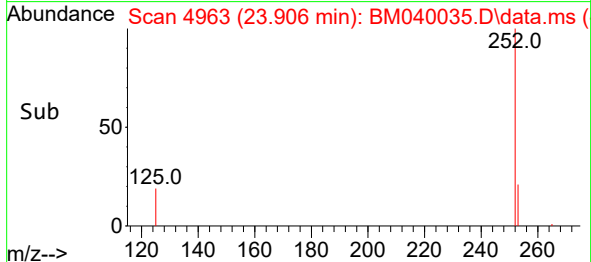
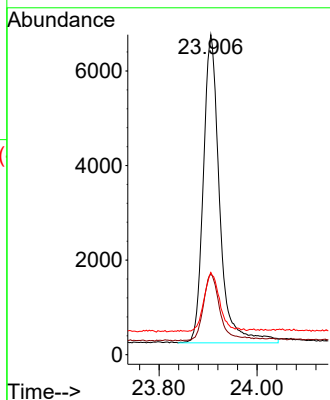


#26
Benzo(a)pyrene
Concen: 0.427 ng/ul
RT: 23.906 min Scan# 4966
Delta R.T. -0.009 min
Lab File: BM040035.D
Acq: 26 May 2023 12:51

Instrument :
BNA_M
ClientSampleId :
SSTD0.4110

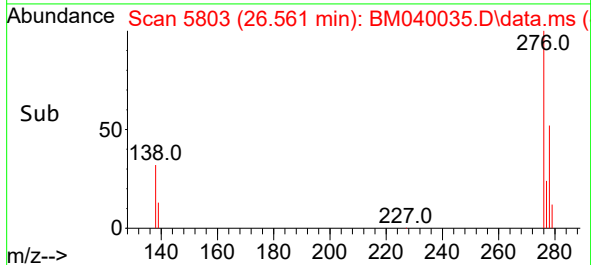
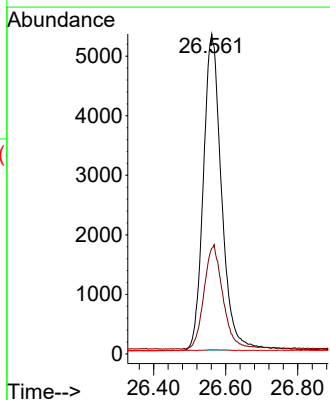
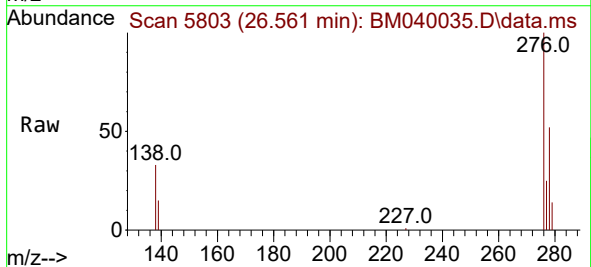


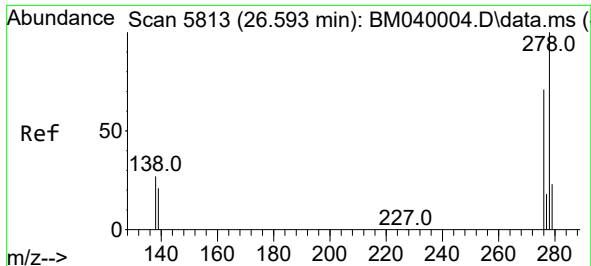
Tgt Ion:252 Resp: 15000
Ion Ratio Lower Upper
252 100
253 25.1 20.6 31.0
125 25.7 19.1 28.7



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.370 ng/ul
RT: 26.561 min Scan# 5803
Delta R.T. -0.010 min
Lab File: BM040035.D
Acq: 26 May 2023 12:51

Tgt Ion:276 Resp: 18724
Ion Ratio Lower Upper
276 100
138 34.2 26.9 40.3
227 0.0 0.1 0.1#

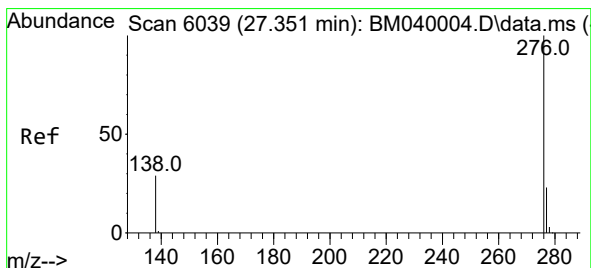
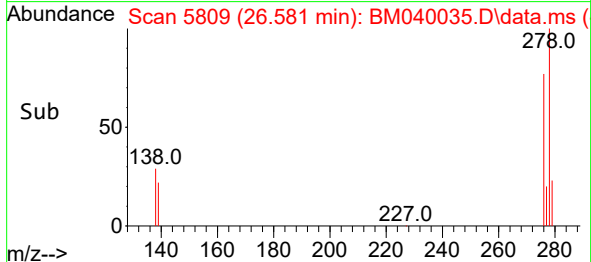
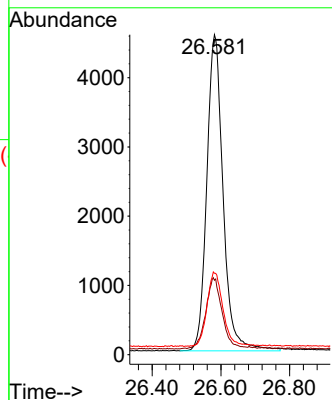
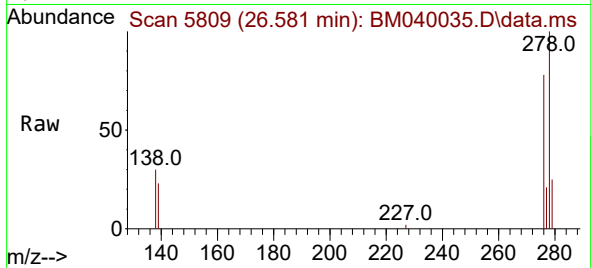




#28
Dibenzo(a,h)anthracene
Concen: 0.368 ng/ul
RT: 26.581 min Scan# 5809
Delta R.T. -0.014 min
Lab File: BM040035.D
Acq: 26 May 2023 12:51

Instrument :
BNA_M
ClientSampleId :
SSTD0.4110

Tgt Ion:278 Resp: 15020
Ion Ratio Lower Upper
278 100
139 23.2 19.0 28.4
279 25.4 20.6 31.0



#29
Benzo(g,h,i)perylene
Concen: 0.363 ng/ul
RT: 27.339 min Scan# 6035
Delta R.T. -0.017 min
Lab File: BM040035.D
Acq: 26 May 2023 12:51

Tgt Ion:276 Resp: 15028
Ion Ratio Lower Upper
276 100
138 30.8 23.9 35.9
277 25.5 19.5 29.3

