

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121522\
 Data File : BM038024.D
 Acq On : 15 Dec 2022 10:18
 Operator : CG/JU
 Sample : SST0.205
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SST0.2016

Quant Time: Dec 15 21:42:33 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM121522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 15 21:40:10 2022
 Response via : Initial Calibration

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

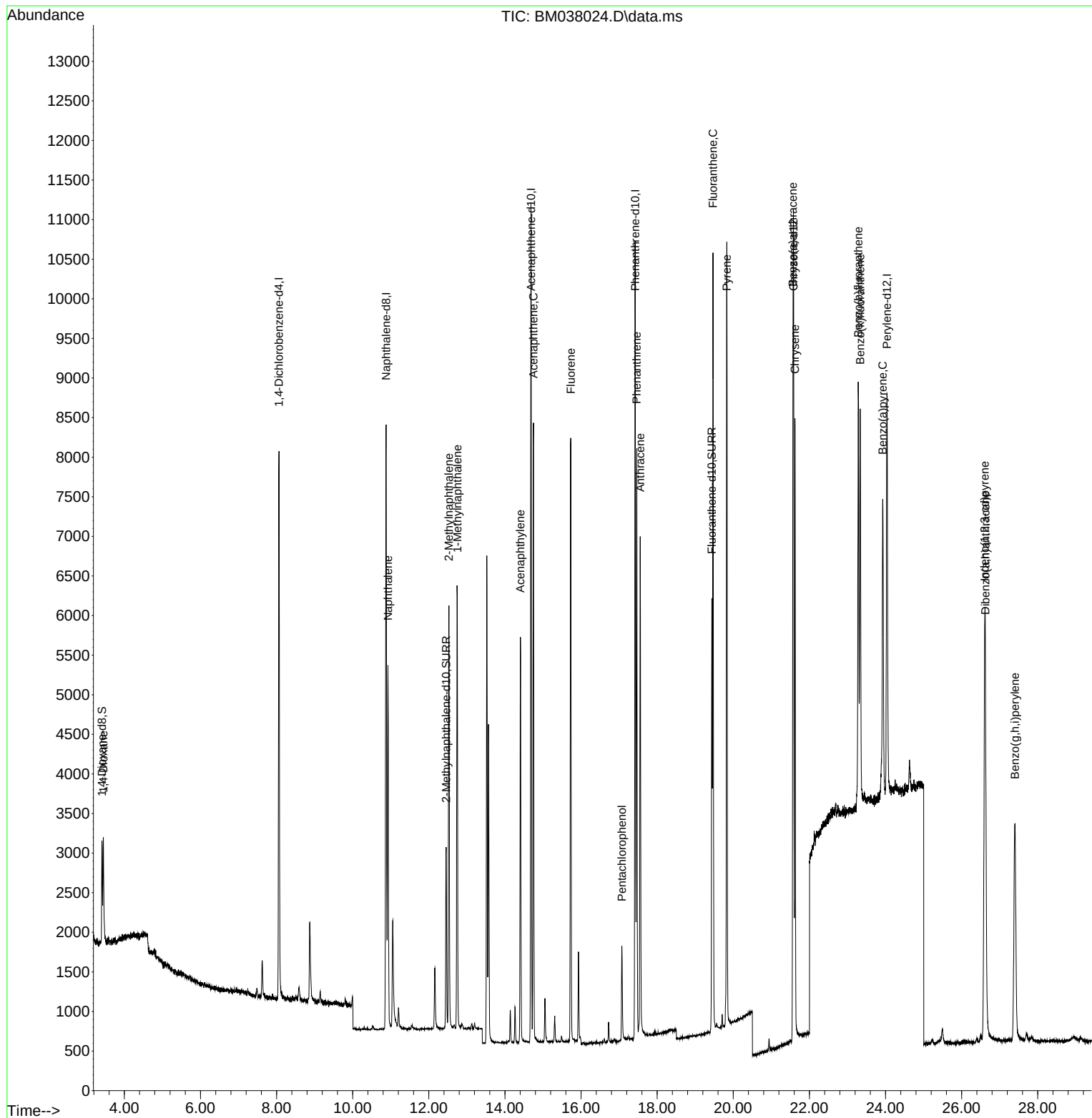
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.064	152	3630	0.400	ng/ul	0.00
4) Naphthalene-d8	10.878	136	10380	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.685	164	5593	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.421	188	11302	0.400	ng/ul	0.00
17) Chrysene-d12	21.583	240	7720	0.400	ng/ul	0.00
23) Perylene-d12	24.038	264	7345	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.410	96	1261	0.246	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.456	152	3031	0.206	ng/ul	0.00
18) Fluoranthene-d10	19.436	212	5652	0.215	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.448	88	872	0.172	ng/ul	92
5) Naphthalene	10.928	128	6311	0.199	ng/ul	98
7) 2-Methylnaphthalene	12.528	142	3854	0.206	ng/ul	99
8) 1-Methylnaphthalene	12.748	142	3939	0.206	ng/ul	100
10) Acenaphthylene	14.407	152	5803	0.183	ng/ul	99
11) Acenaphthene	14.749	153	4426	0.195	ng/ul	99
12) Fluorene	15.730	166	4845	0.186	ng/ul	99
14) Pentachlorophenol	17.071	266	880	0.183	ng/ul	100
15) Phenanthrene	17.464	178	7659	0.196	ng/ul	98
16) Anthracene	17.557	178	6963	0.194	ng/ul	98
19) Fluoranthene	19.468	202	7999	0.196	ng/ul	98
20) Pyrene	19.831	202	8208	0.198	ng/ul	99
21) Benzo(a)anthracene	21.568	228	6671	0.189	ng/ul	100
22) Chrysene	21.621	228	6787	0.185	ng/ul	98
24) Benzo(b)fluoranthene	23.284	252	7055	0.173	ng/ul	91
25) Benzo(k)fluoranthene	23.333	252	6758	0.177	ng/ul#	92
26) Benzo(a)pyrene	23.927	252	5826	0.176	ng/ul#	85
27) Indeno(1,2,3-cd)pyrene	26.605	276	7508	0.187	ng/ul#	97
28) Dibenzo(a,h)anthracene	26.626	278	5784	0.187	ng/ul	94
29) Benzo(g,h,i)perylene	27.400	276	6373	0.191	ng/ul	97

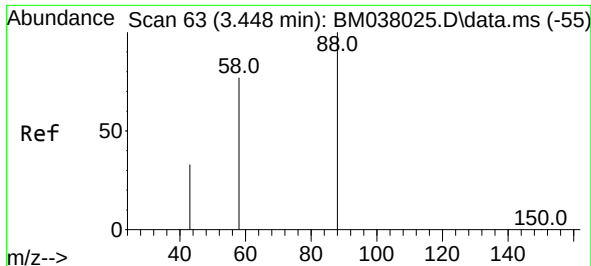
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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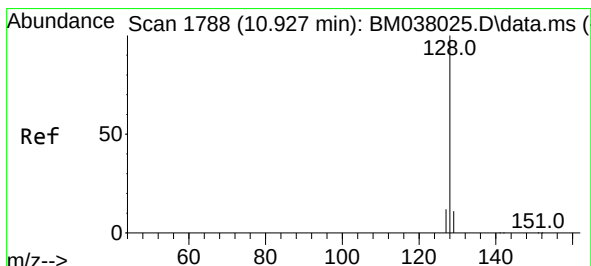
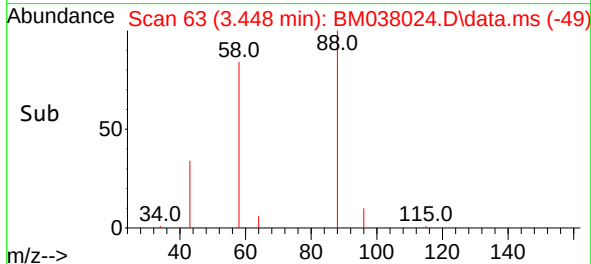
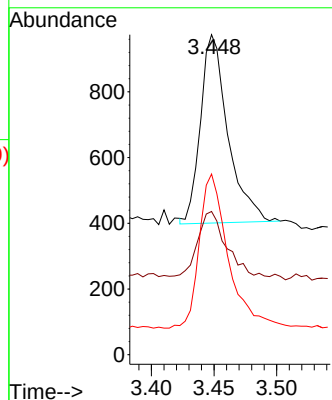
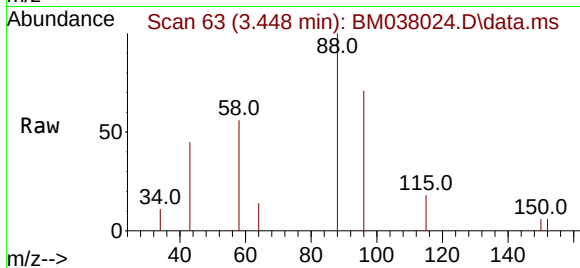




#2
 1,4-Dioxane
 Concen: 0.172 ng/ul
 RT: 3.448 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: BM038024.D
 Acq: 15 Dec 2022 10:18

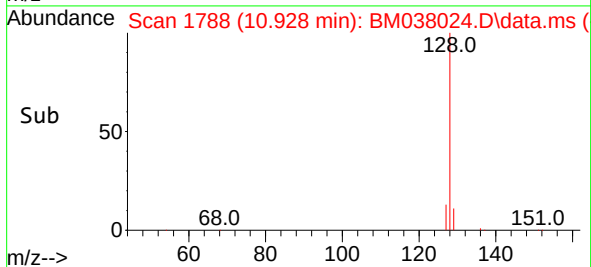
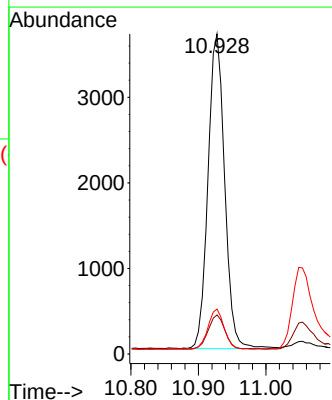
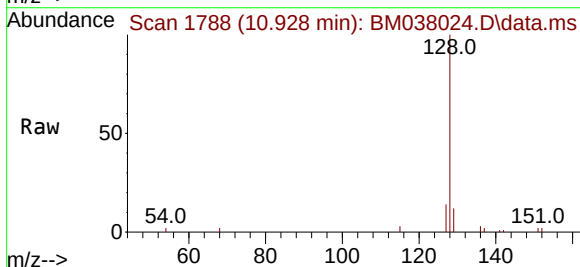
Instrument :
 BNA_M
 ClientSampleId :
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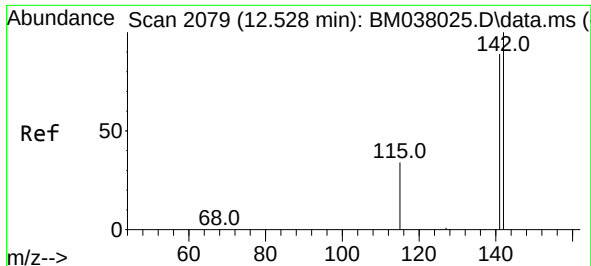
Tgt Ion: 88 Resp: 872
 Ion Ratio Lower Upper
 88 100
 43 44.8 31.4 47.0
 58 56.5 50.2 75.2



#5
 Naphthalene
 Concen: 0.199 ng/ul
 RT: 10.928 min Scan# 1788
 Delta R.T. 0.000 min
 Lab File: BM038024.D
 Acq: 15 Dec 2022 10:18

Tgt Ion: 128 Resp: 6311
 Ion Ratio Lower Upper
 128 100
 129 12.2 9.1 13.7
 127 14.0 10.4 15.6

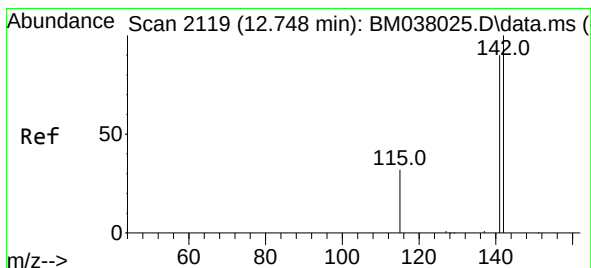
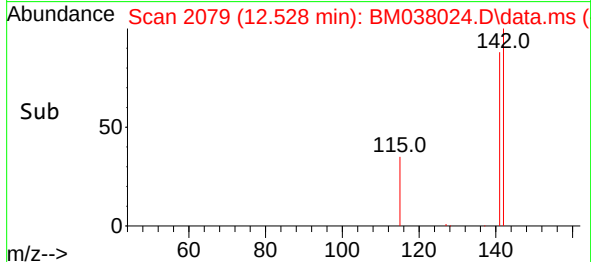
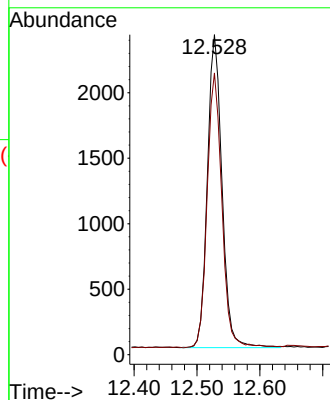
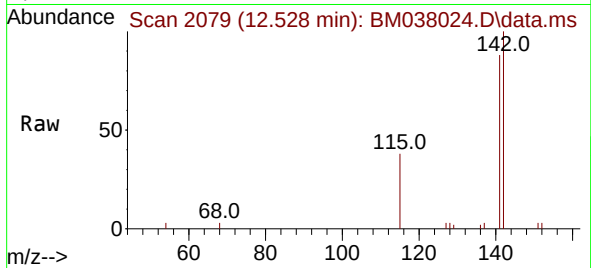




#7
2-Methylnaphthalene
Concen: 0.206 ng/ul
RT: 12.528 min Scan# 2079
Delta R.T. 0.000 min
Lab File: BM038024.D
Acq: 15 Dec 2022 10:18

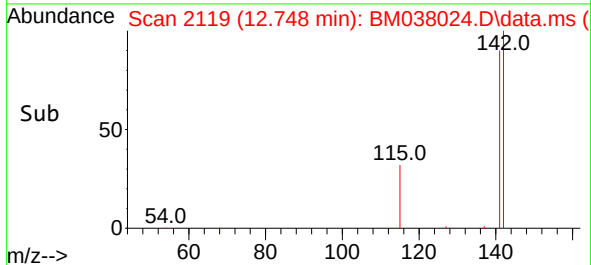
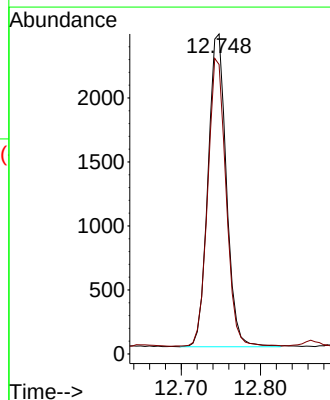
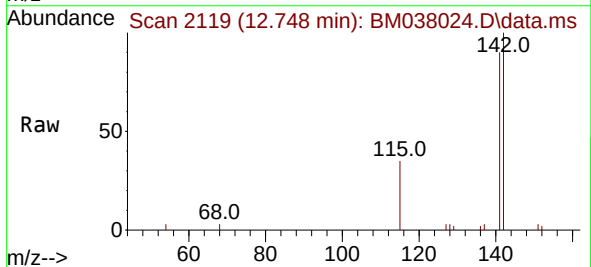
Instrument :
BNA_M
ClientSampleId :
SSTD0.2016

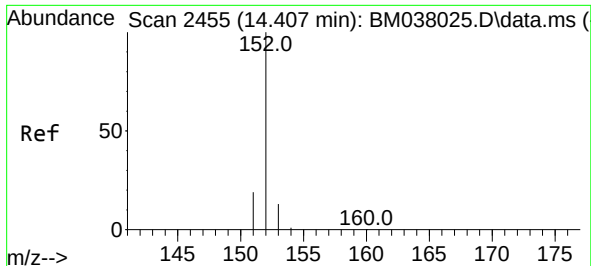
Tgt Ion:142 Resp: 3854
Ion Ratio Lower Upper
142 100
141 88.9 70.4 105.6



#8
1-Methylnaphthalene
Concen: 0.206 ng/ul
RT: 12.748 min Scan# 2119
Delta R.T. 0.000 min
Lab File: BM038024.D
Acq: 15 Dec 2022 10:18

Tgt Ion:142 Resp: 3939
Ion Ratio Lower Upper
142 100
141 91.7 73.6 110.4

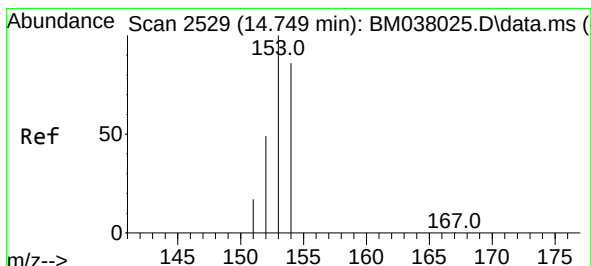
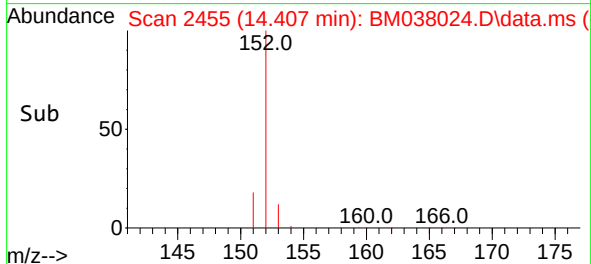
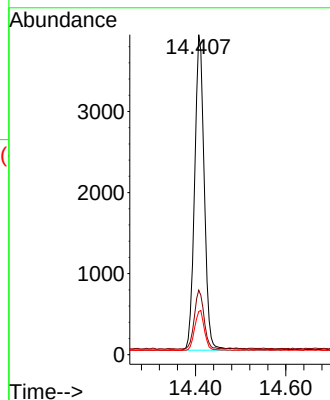
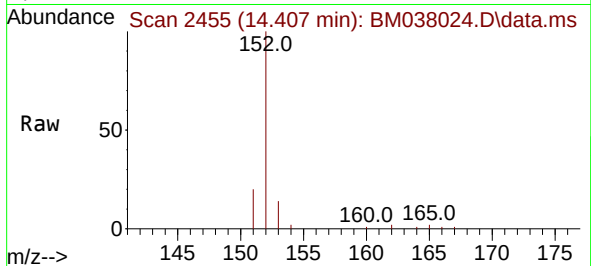




#10
Acenaphthylene
Concen: 0.183 ng/ul
RT: 14.407 min Scan# 2455
Delta R.T. 0.000 min
Lab File: BM038024.D
Acq: 15 Dec 2022 10:18

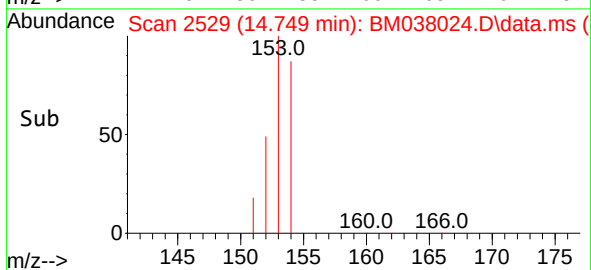
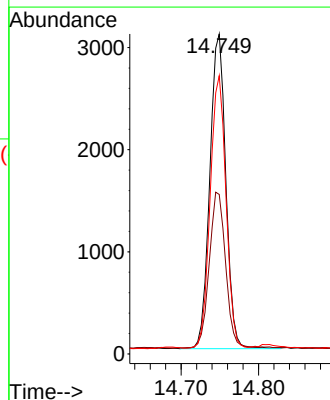
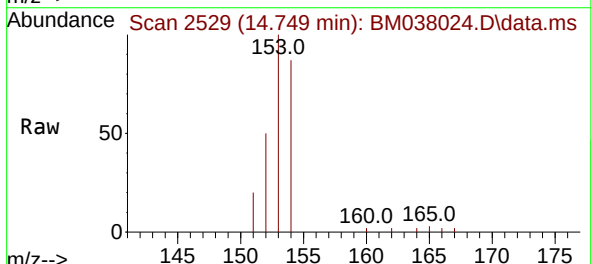
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ClientSampleId :
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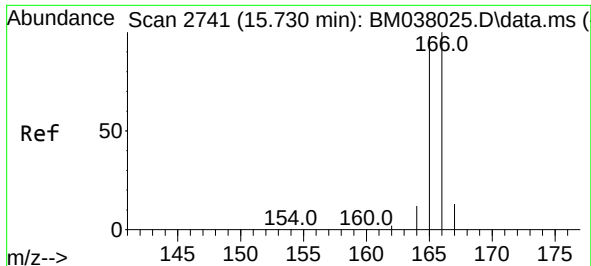
Tgt Ion:152 Resp: 5803
Ion Ratio Lower Upper
152 100
151 20.2 15.5 23.3
153 13.5 11.0 16.4



#11
Acenaphthene
Concen: 0.195 ng/ul
RT: 14.749 min Scan# 2529
Delta R.T. 0.000 min
Lab File: BM038024.D
Acq: 15 Dec 2022 10:18

Tgt Ion:153 Resp: 4426
Ion Ratio Lower Upper
153 100
152 49.9 39.5 59.3
154 86.9 69.2 103.8

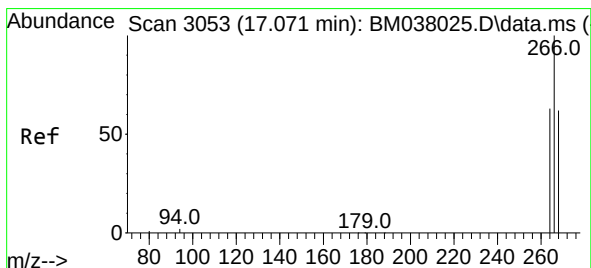
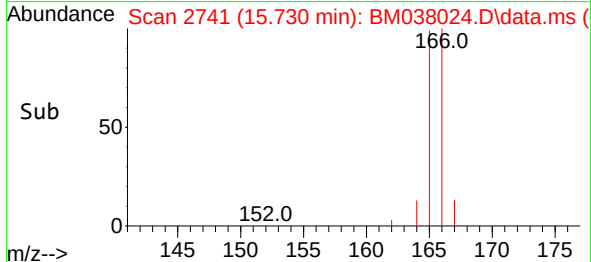
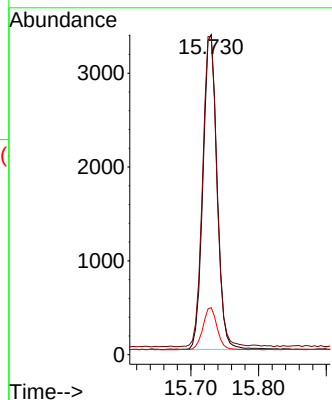
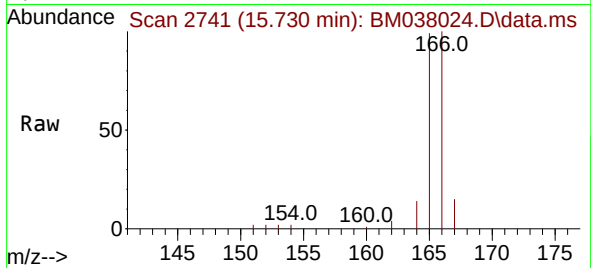




#12
Fluorene
Concen: 0.186 ng/ul
RT: 15.730 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM038024.D
Acq: 15 Dec 2022 10:18

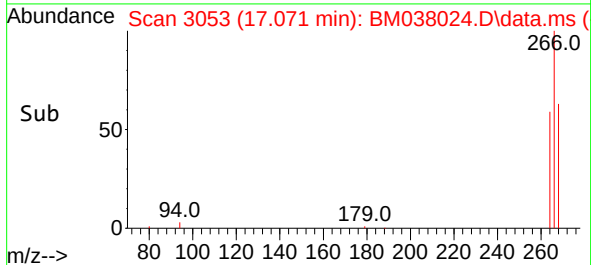
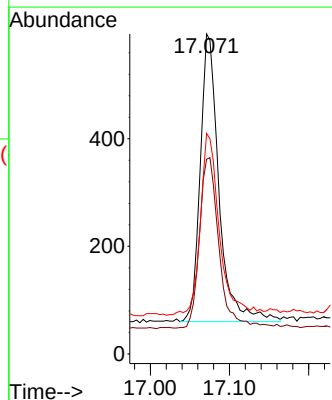
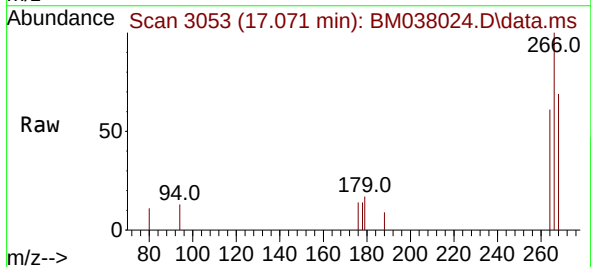
Instrument :
BNA_M
ClientSampleId :
SSTD0.2016

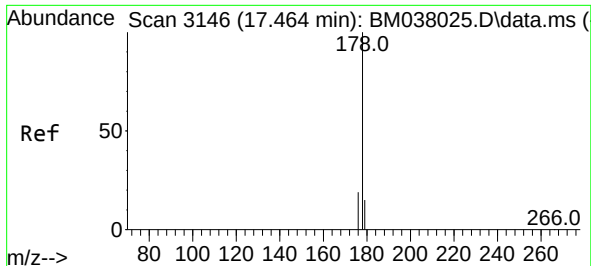
Tgt Ion:166 Resp: 4845
Ion Ratio Lower Upper
166 100
165 99.4 79.0 118.4
167 14.7 11.1 16.7



#14
Pentachlorophenol
Concen: 0.183 ng/ul
RT: 17.071 min Scan# 3053
Delta R.T. 0.000 min
Lab File: BM038024.D
Acq: 15 Dec 2022 10:18

Tgt Ion:266 Resp: 880
Ion Ratio Lower Upper
266 100
264 62.2 49.9 74.9
268 64.5 52.0 78.0

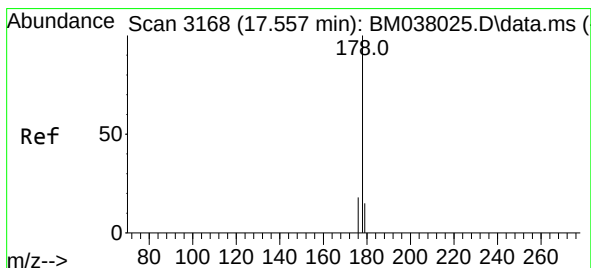
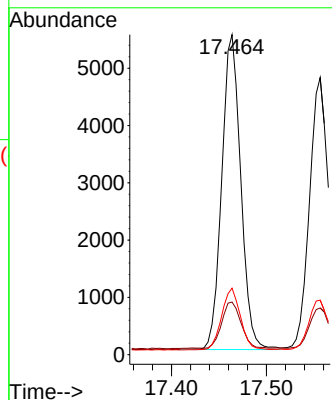
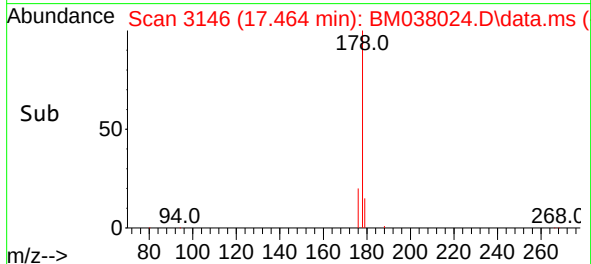
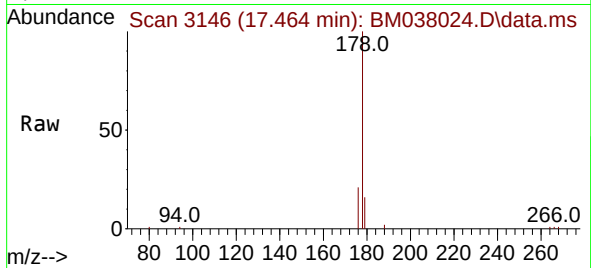




#15
Phenanthrene
Concen: 0.196 ng/ul
RT: 17.464 min Scan# 3146
Delta R.T. 0.000 min
Lab File: BM038024.D
Acq: 15 Dec 2022 10:18

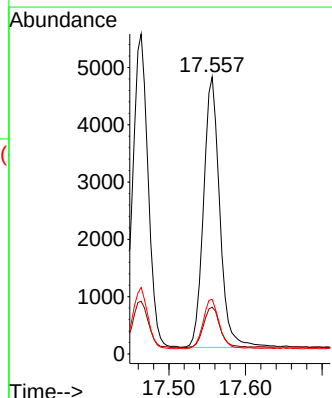
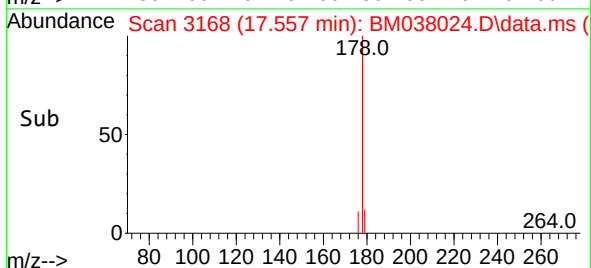
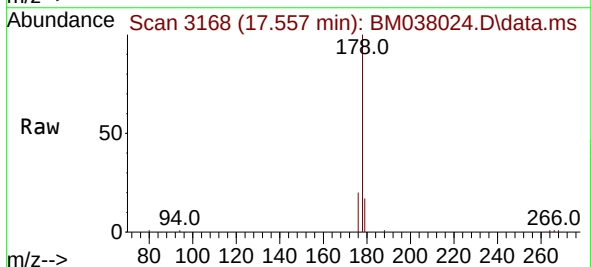
Instrument :
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ClientSampleId :
SSTD0.2016

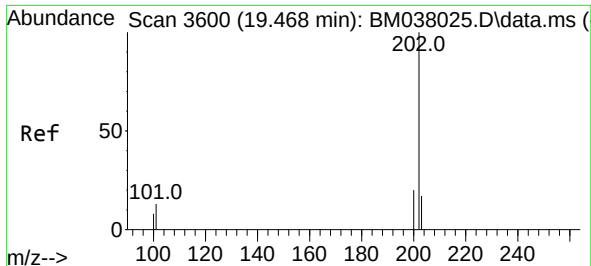
Tgt Ion:178 Resp: 7659
Ion Ratio Lower Upper
178 100
179 16.5 12.6 19.0
176 20.8 15.8 23.6



#16
Anthracene
Concen: 0.194 ng/ul
RT: 17.557 min Scan# 3168
Delta R.T. 0.000 min
Lab File: BM038024.D
Acq: 15 Dec 2022 10:18

Tgt Ion:178 Resp: 6963
Ion Ratio Lower Upper
178 100
179 16.8 13.0 19.4
176 19.7 15.0 22.4

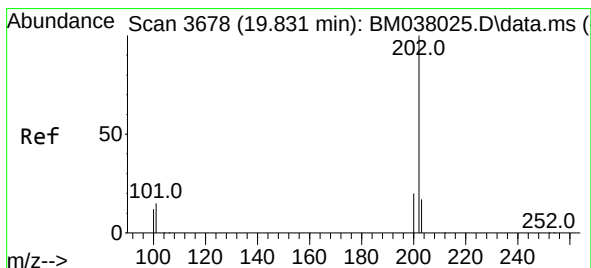
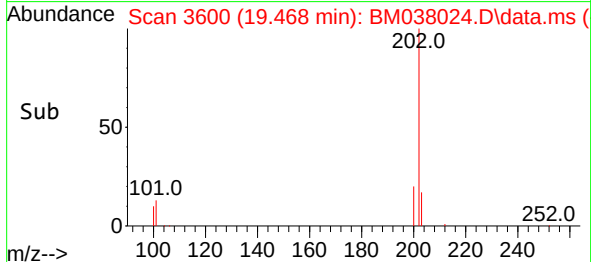
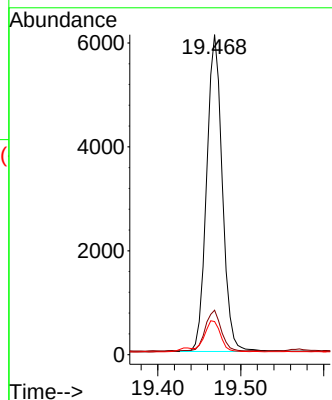
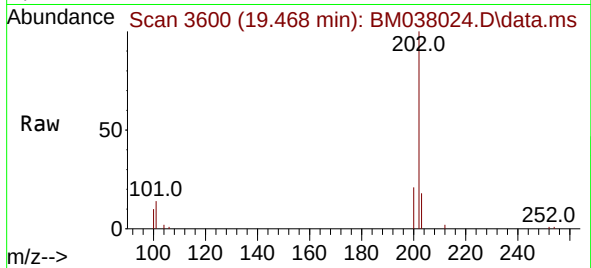




#19
Fluoranthene
Concen: 0.196 ng/ul
RT: 19.468 min Scan# 3600
Delta R.T. 0.000 min
Lab File: BM038024.D
Acq: 15 Dec 2022 10:18

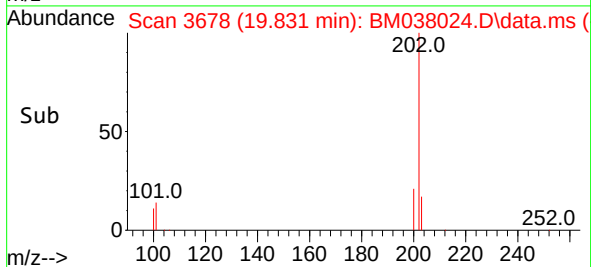
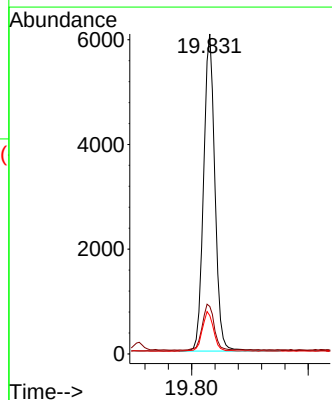
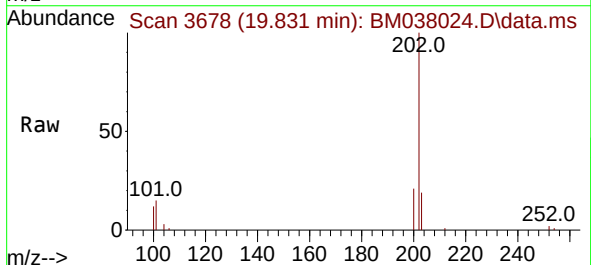
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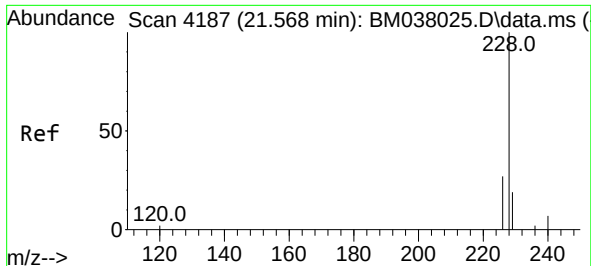
Tgt Ion:202 Resp: 7999
Ion Ratio Lower Upper
202 100
101 13.9 10.6 15.8
100 10.4 7.9 11.9



#20
Pyrene
Concen: 0.198 ng/ul
RT: 19.831 min Scan# 3678
Delta R.T. 0.000 min
Lab File: BM038024.D
Acq: 15 Dec 2022 10:18

Tgt Ion:202 Resp: 8208
Ion Ratio Lower Upper
202 100
101 14.8 12.1 18.1
100 12.0 9.8 14.6

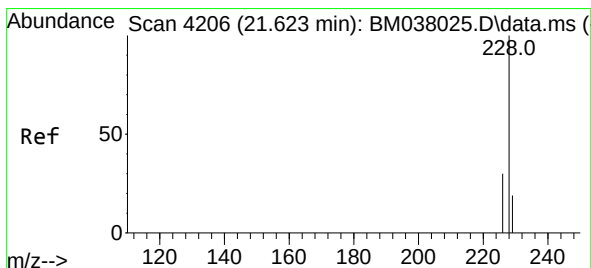
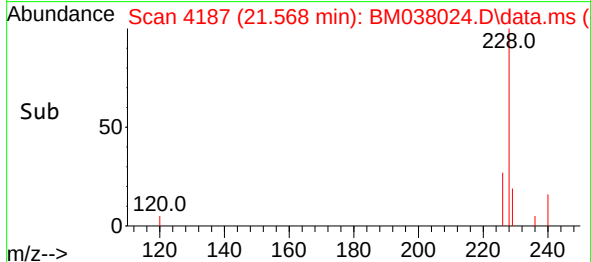
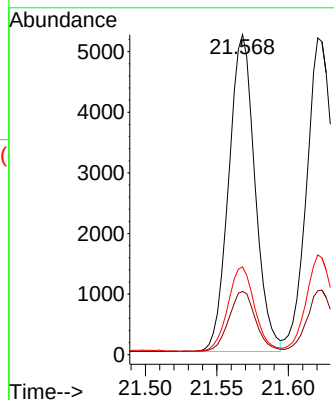
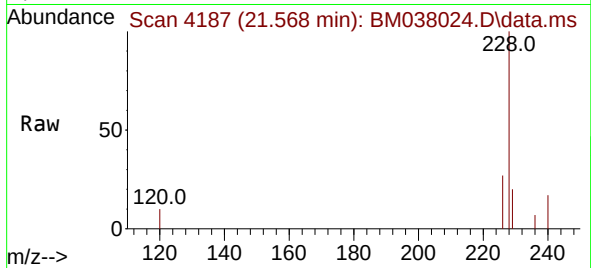




#21
Benzo(a)anthracene
Concen: 0.189 ng/ul
RT: 21.568 min Scan# 4187
Delta R.T. 0.000 min
Lab File: BM038024.D
Acq: 15 Dec 2022 10:18

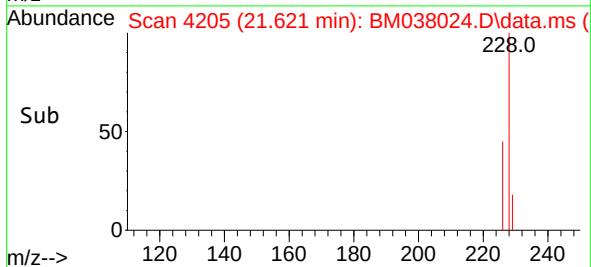
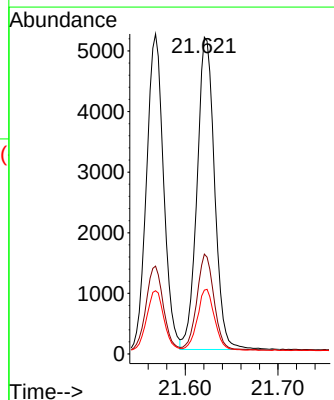
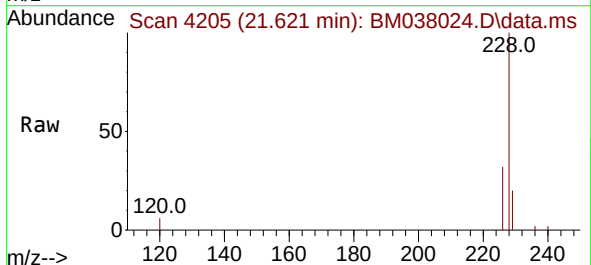
Instrument :
BNA_M
ClientSampleId :
SSTD0.2016

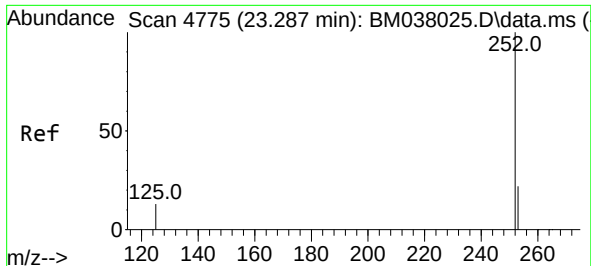
Tgt Ion:228 Resp: 6671
Ion Ratio Lower Upper
228 100
229 19.8 15.9 23.9
226 27.5 22.1 33.1



#22
Chrysene
Concen: 0.185 ng/ul
RT: 21.621 min Scan# 4205
Delta R.T. -0.003 min
Lab File: BM038024.D
Acq: 15 Dec 2022 10:18

Tgt Ion:228 Resp: 6787
Ion Ratio Lower Upper
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226 31.5 24.1 36.1
229 20.2 15.7 23.5

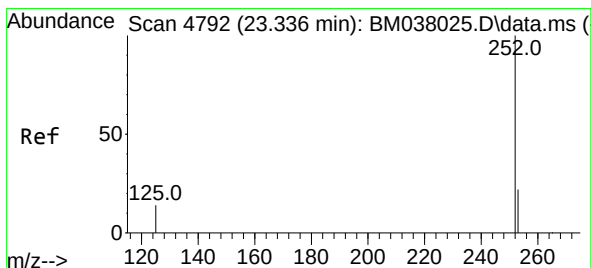
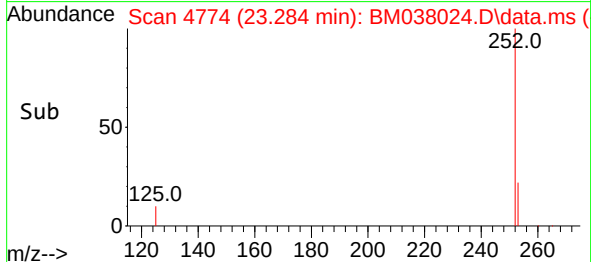
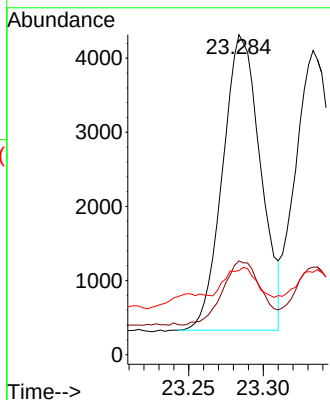
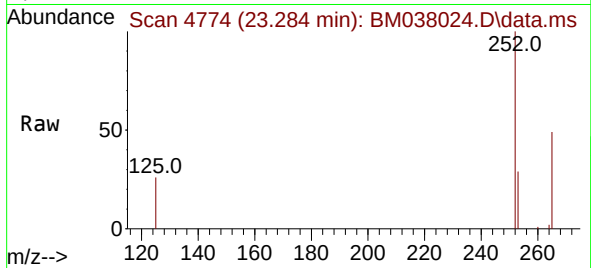




#24
Benzo(b)fluoranthene
Concen: 0.173 ng/ul
RT: 23.284 min Scan# 4774
Delta R.T. -0.003 min
Lab File: BM038024.D
Acq: 15 Dec 2022 10:18

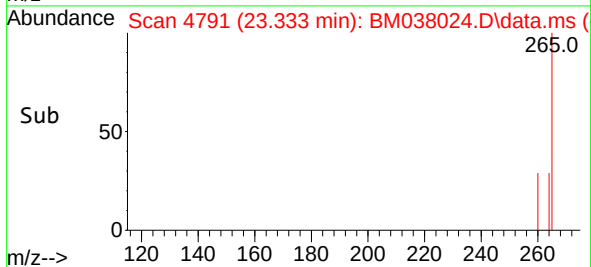
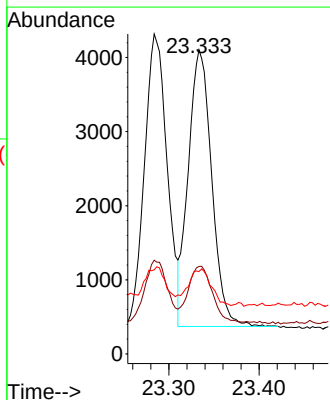
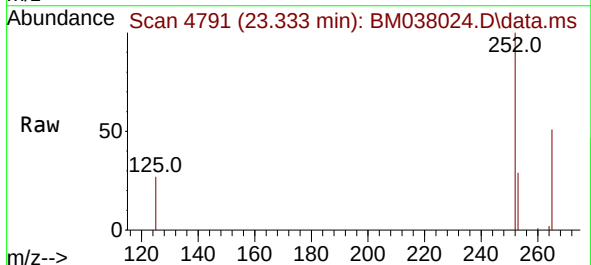
Instrument :
BNA_M
ClientSampleId :
SSTD0.2016

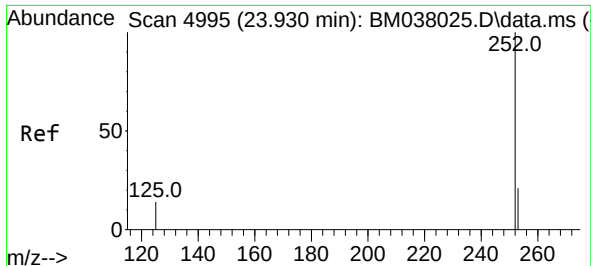
Tgt Ion:252 Resp: 7055
Ion Ratio Lower Upper
252 100
253 29.3 0.0 51.8
125 26.3 0.0 42.2



#25
Benzo(k)fluoranthene
Concen: 0.177 ng/ul
RT: 23.333 min Scan# 4791
Delta R.T. -0.003 min
Lab File: BM038024.D
Acq: 15 Dec 2022 10:18

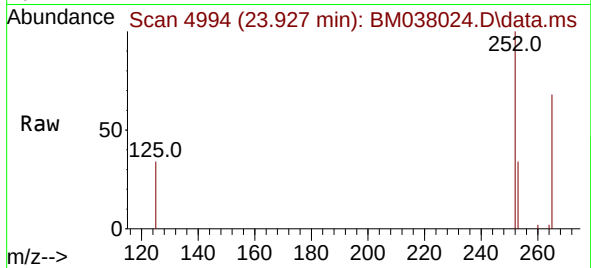
Tgt Ion:252 Resp: 6758
Ion Ratio Lower Upper
252 100
253 28.8 20.8 31.2
125 27.1 17.1 25.7#



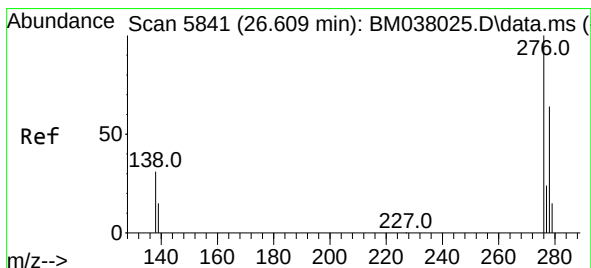
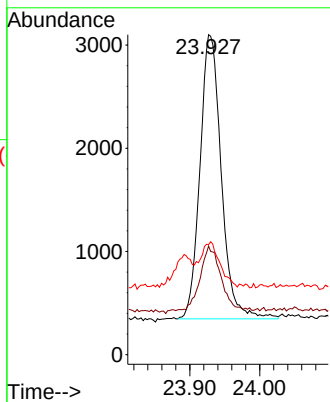
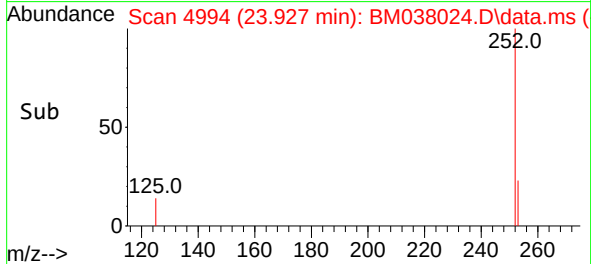


#26
Benzo(a)pyrene
Concen: 0.176 ng/ul
RT: 23.927 min Scan# 4994
Delta R.T. -0.003 min
Lab File: BM038024.D
Acq: 15 Dec 2022 10:18

Instrument :
BNA_M
ClientSampleId :
SSTD0.2016

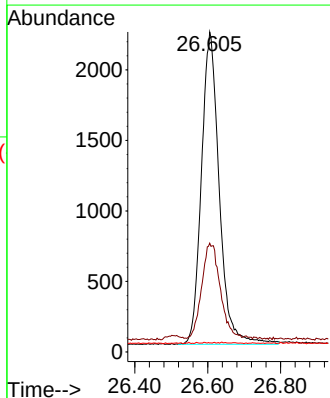
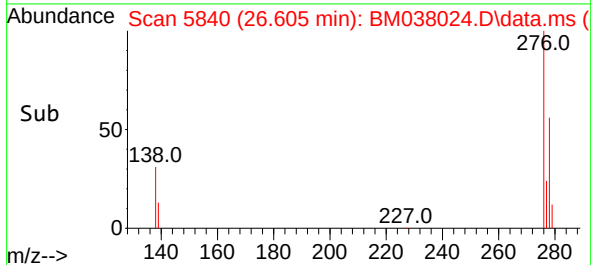
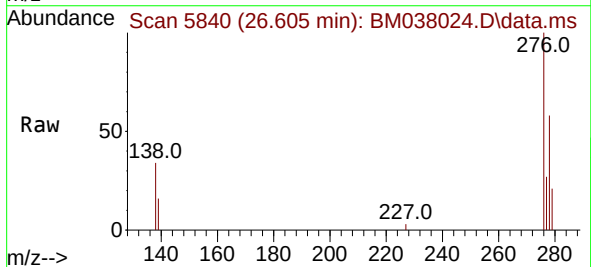


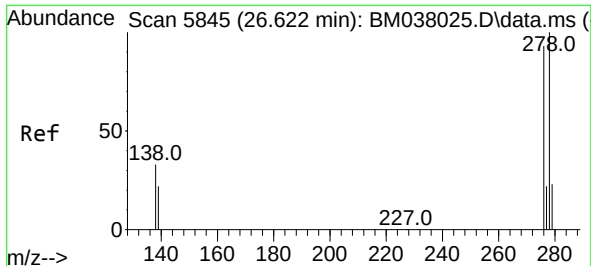
Tgt Ion:252 Resp: 5826
Ion Ratio Lower Upper
252 100
253 34.0 21.9 32.9#
125 34.4 20.7 31.1#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.187 ng/ul
RT: 26.605 min Scan# 5840
Delta R.T. -0.003 min
Lab File: BM038024.D
Acq: 15 Dec 2022 10:18

Tgt Ion:276 Resp: 7508
Ion Ratio Lower Upper
276 100
138 31.6 26.6 40.0
227 0.1 0.1 0.1#

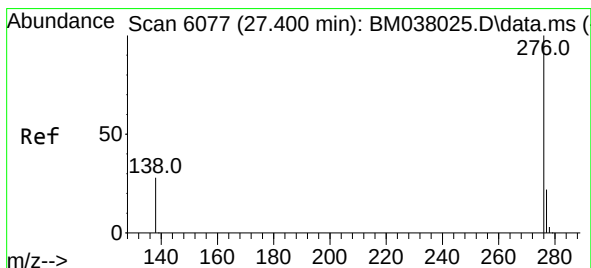
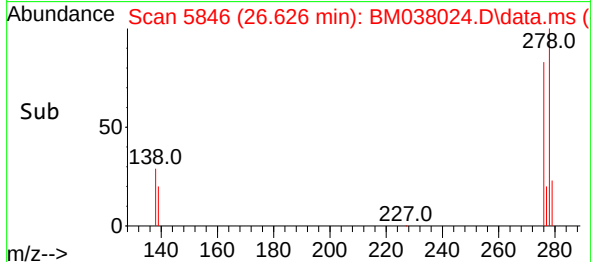
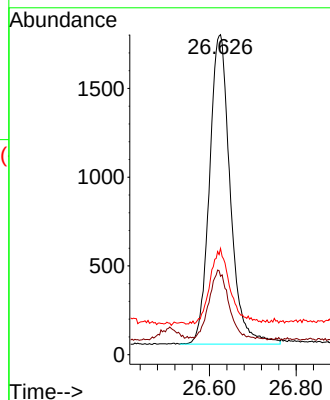
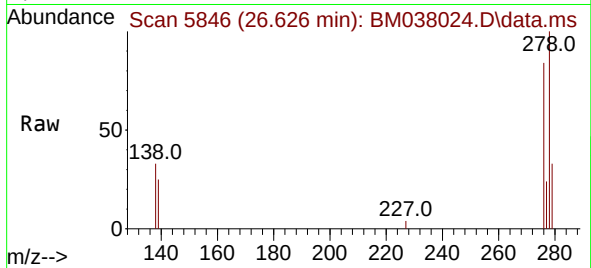




#28
Dibenzo(a,h)anthracene
Concen: 0.187 ng/ul
RT: 26.626 min Scan# 5845
Delta R.T. 0.003 min
Lab File: BM038024.D
Acq: 15 Dec 2022 10:18

Instrument :
BNA_M
ClientSampleId :
SSTD0.2016

Tgt Ion:278 Resp: 5784
Ion Ratio Lower Upper
278 100
139 24.5 19.0 28.6
279 33.2 22.4 33.6



#29
Benzo(g,h,i)perylene
Concen: 0.191 ng/ul
RT: 27.400 min Scan# 6077
Delta R.T. 0.000 min
Lab File: BM038024.D
Acq: 15 Dec 2022 10:18

Tgt Ion:276 Resp: 6373
Ion Ratio Lower Upper
276 100
138 30.8 24.1 36.1
277 26.8 19.0 28.6

