

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012224\
 Data File : BM043883.D
 Acq On : 22 Jan 2024 11:46
 Operator : MA/JU
 Sample : P1160-08
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 XA317

Quant Time: Jan 22 12:19:21 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM011924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 19 22:45:24 2024
 Response via : Initial Calibration

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

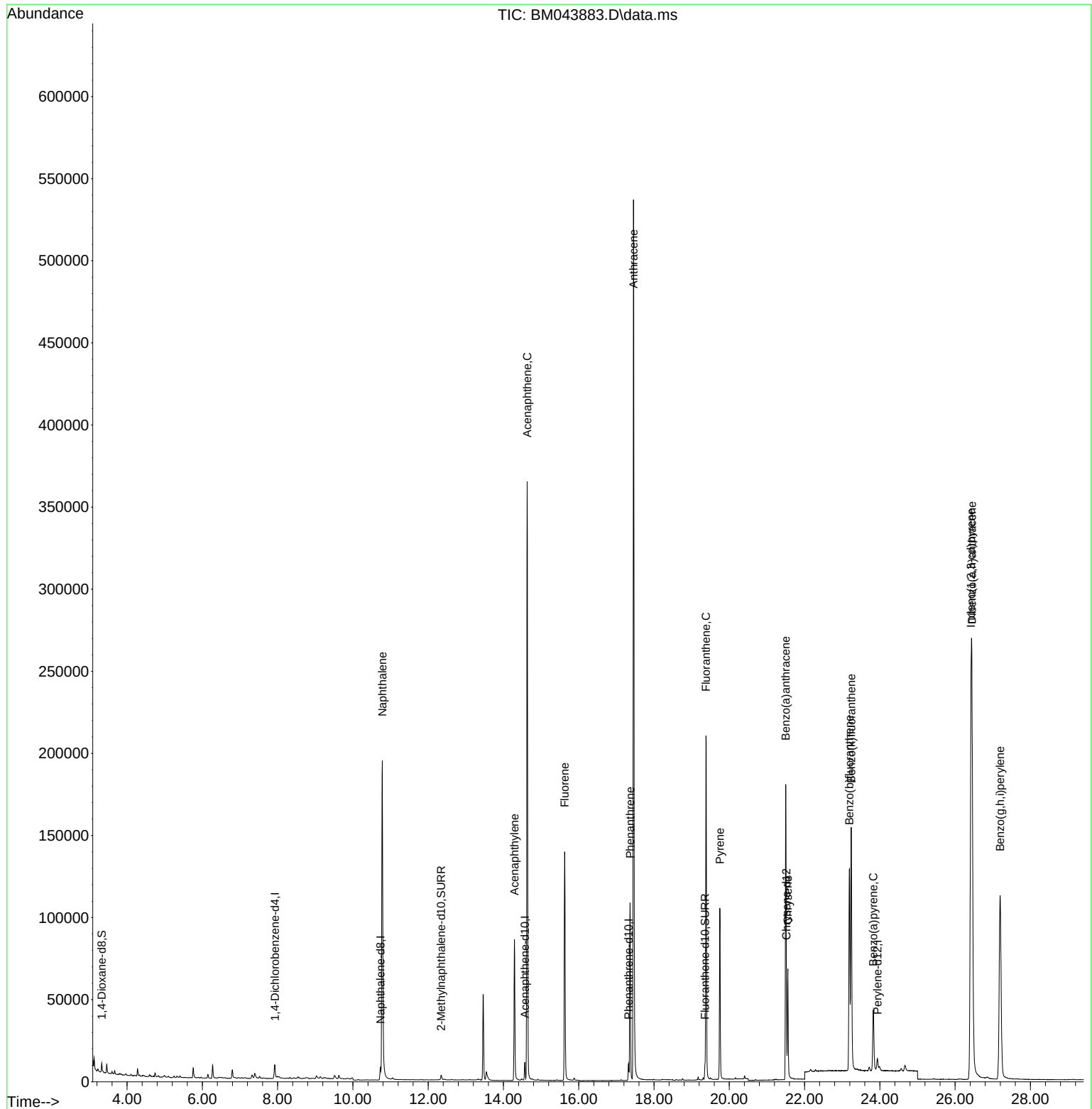
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.926	152	4508	0.400	ng/ul	0.00
4) Naphthalene-d8	10.732	136	12075	0.400	ng/ul	-0.03
9) Acenaphthene-d10	14.566	164	5840	0.400	ng/ul	-0.02
13) Phenanthrene-d10	17.322	188	11942	0.400	ng/ul	-0.03
17) Chrysene-d12	21.517	240	8898	0.400	ng/ul	-0.02
23) Perylene-d12	23.935	264	11482	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.327	96	3328	0.542	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.343	152	5155	0.336	ng/ul	-0.02
18) Fluoranthene-d10	19.354	212	9841	0.336	ng/ul	-0.01
Target Compounds						
					Qvalue	
5) Naphthalene	10.781	128	326087	9.275	ng/ul	96
10) Acenaphthylene	14.293	152	106661	3.416	ng/ul	97
11) Acenaphthene	14.630	153	215404	9.273	ng/ul	98
12) Fluorene	15.625	166	101380	4.222	ng/ul	99
15) Phenanthrene	17.364	178	118452	3.129	ng/ul	98
16) Anthracene	17.457	178	616613	17.484	ng/ul	98
19) Fluoranthene	19.382	202	190071	4.018	ng/ul	99
20) Pyrene	19.749	202	92484	1.866	ng/ul	99
21) Benzo(a)anthracene	21.500	228	173784	5.025	ng/ul	99
22) Chrysene	21.555	228	71780	1.543	ng/ul	98
24) Benzo(b)fluoranthene	23.189	252	173876	3.979	ng/ul	85
25) Benzo(k)fluoranthene	23.239	252	216288	4.122	ng/ul#	85
26) Benzo(a)pyrene	23.826	252	64136	1.438	ng/ul#	79
27) Indeno(1,2,3-cd)pyrene	26.423	276	435525	7.568	ng/ul#	98
28) Dibenzo(a,h)anthracene	26.447	278	306166	6.966	ng/ul#	87
29) Benzo(g,h,i)perylene	27.195	276	267797	5.214	ng/ul	94

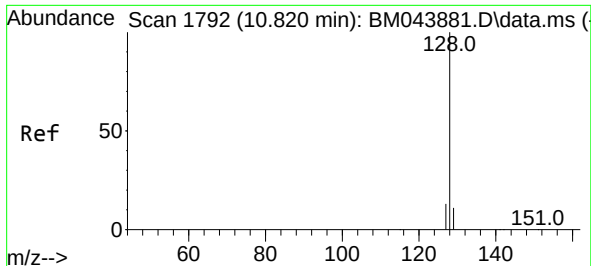
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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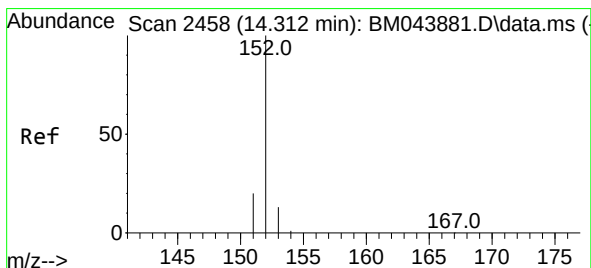
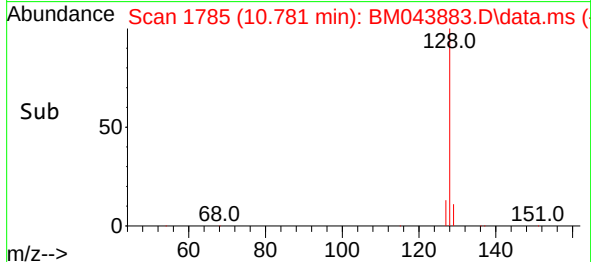
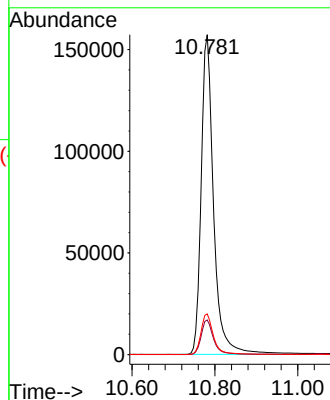
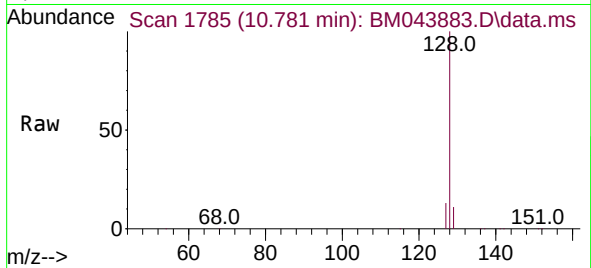




#5
Naphthalene
Concen: 9.275 ng/ul
RT: 10.781 min Scan# 1785
Delta R.T. -0.033 min
Lab File: BM043883.D
Acq: 22 Jan 2024 11:46

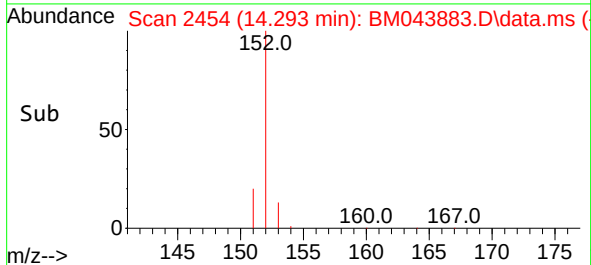
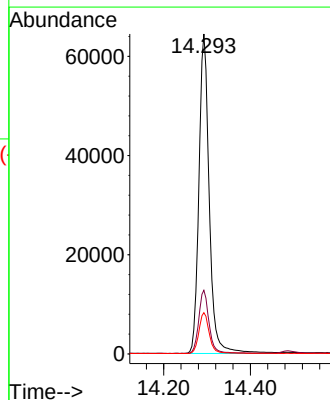
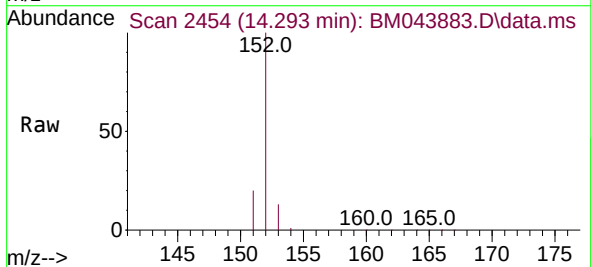
Instrument :
BNA_M
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XA317

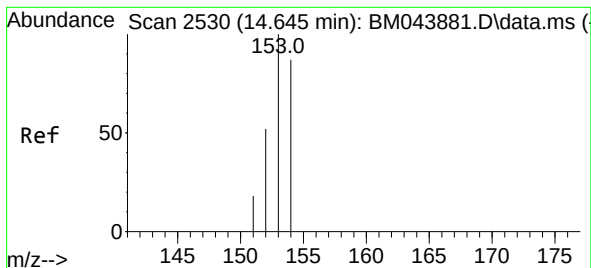
Tgt Ion:128 Resp: 326087
Ion Ratio Lower Upper
128 100
129 10.8 10.0 15.0
127 12.7 11.4 17.0



#10
Acenaphthylene
Concen: 3.416 ng/ul
RT: 14.293 min Scan# 2454
Delta R.T. -0.019 min
Lab File: BM043883.D
Acq: 22 Jan 2024 11:46

Tgt Ion:152 Resp: 106661
Ion Ratio Lower Upper
152 100
151 19.9 16.6 24.8
153 12.9 11.7 17.5





#11

Acenaphthene

Concen: 9.273 ng/ul

RT: 14.630 min Scan# 21

Delta R.T. -0.014 min

Lab File: BM043883.D

Acq: 22 Jan 2024 11:46

Instrument :

BNA_M

ClientSampleId :

XA317

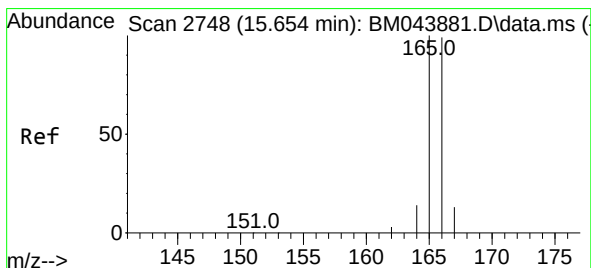
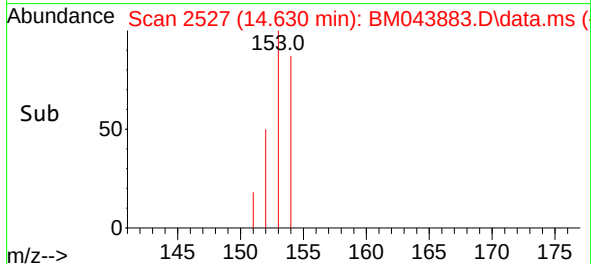
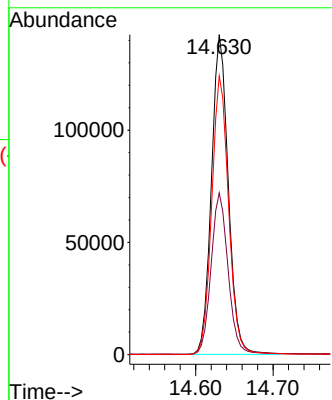
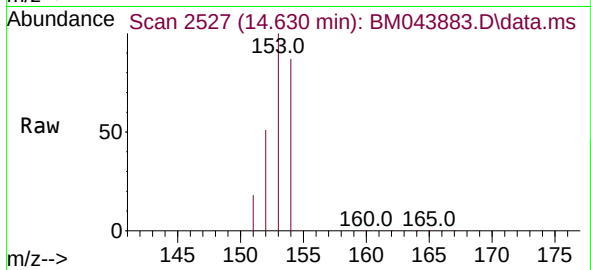
Tgt Ion:153 Resp: 215404

Ion Ratio Lower Upper

153 100

152 50.5 42.1 63.1

154 87.1 69.0 103.6



#12

Fluorene

Concen: 4.222 ng/ul

RT: 15.625 min Scan# 2742

Delta R.T. -0.028 min

Lab File: BM043883.D

Acq: 22 Jan 2024 11:46

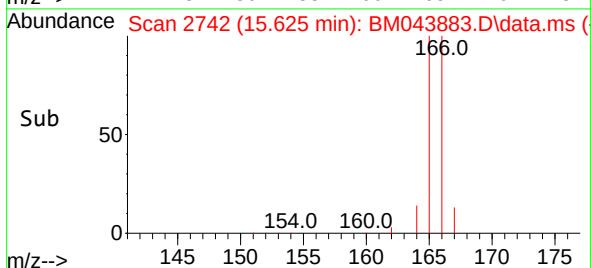
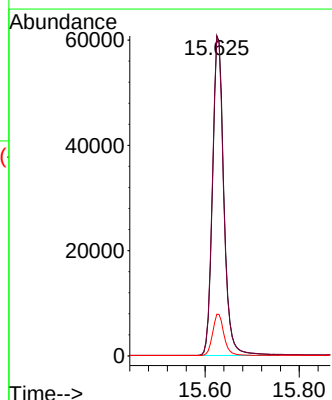
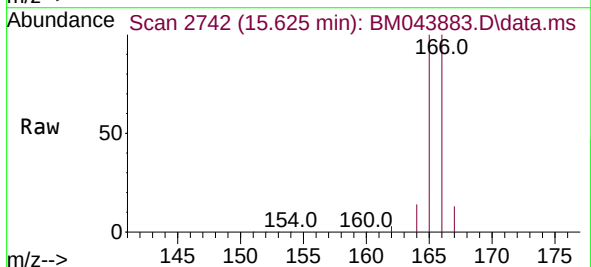
Tgt Ion:166 Resp: 101380

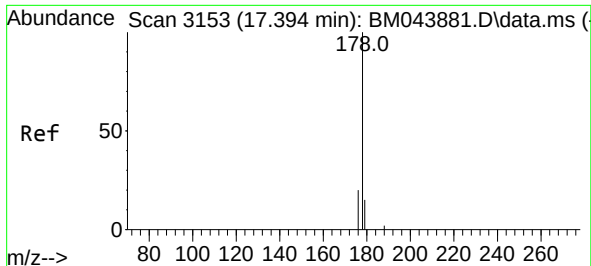
Ion Ratio Lower Upper

166 100

165 100.0 79.2 118.8

167 13.0 11.4 17.2

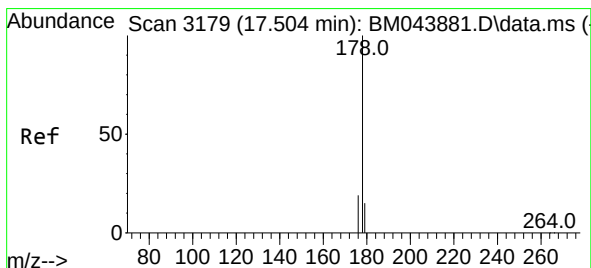
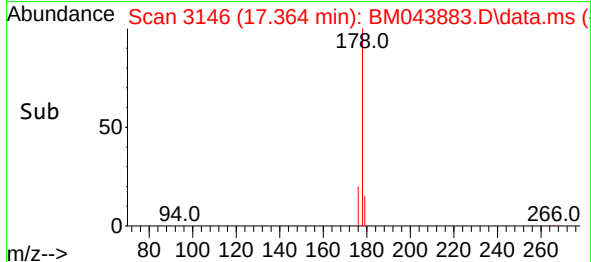
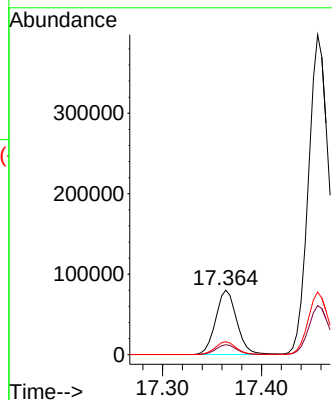
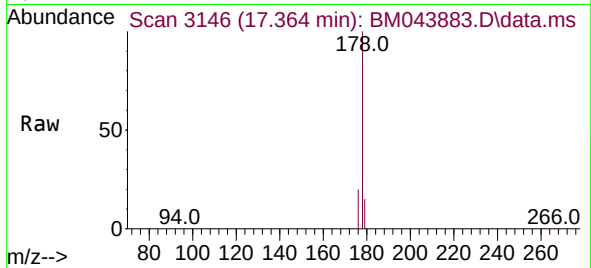




#15
Phenanthrene
Concen: 3.129 ng/ul
RT: 17.364 min Scan# 3153
Delta R.T. -0.030 min
Lab File: BM043883.D
Acq: 22 Jan 2024 11:46

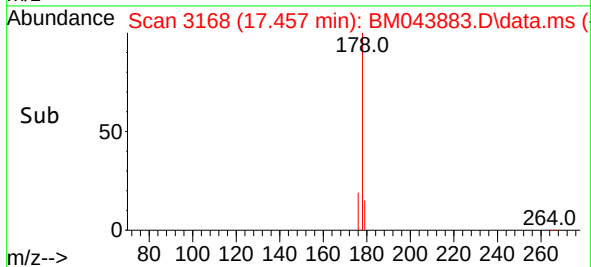
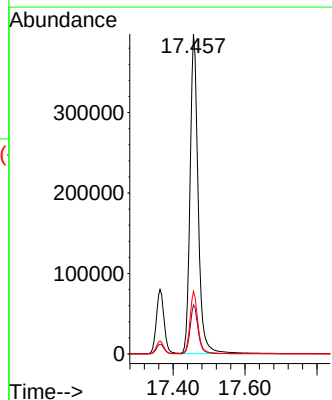
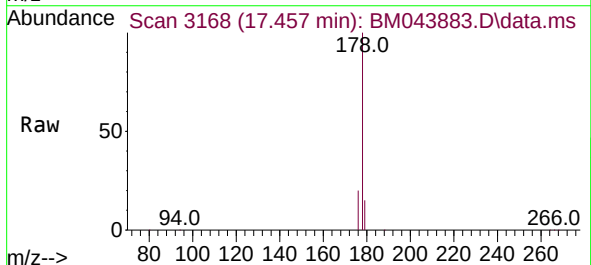
Instrument :
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ClientSampleId :
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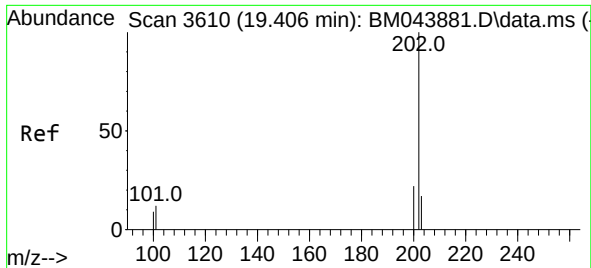
Tgt Ion:178 Resp: 118452
Ion Ratio Lower Upper
178 100
179 15.3 13.0 19.6
176 20.1 16.4 24.6



#16
Anthracene
Concen: 17.484 ng/ul
RT: 17.457 min Scan# 3168
Delta R.T. -0.038 min
Lab File: BM043883.D
Acq: 22 Jan 2024 11:46

Tgt Ion:178 Resp: 616613
Ion Ratio Lower Upper
178 100
179 15.3 13.2 19.8
176 19.6 16.2 24.2

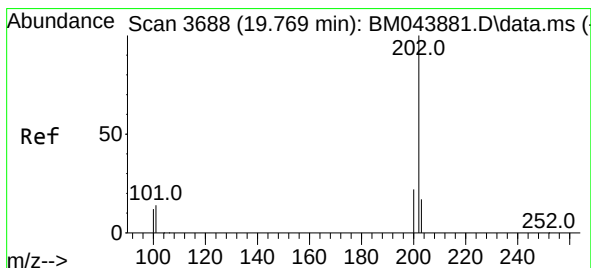
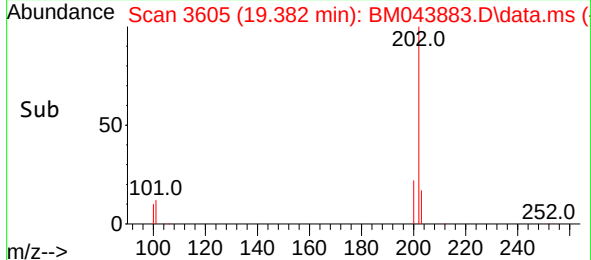
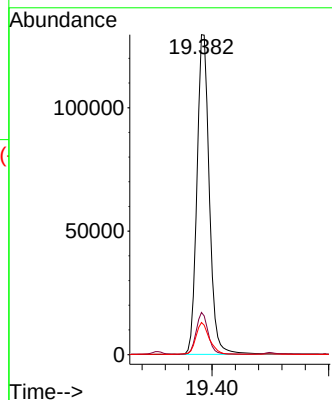
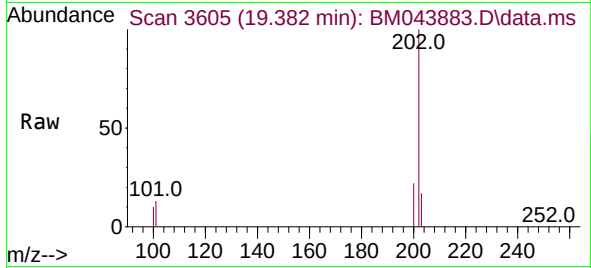




#19
Fluoranthene
Concen: 4.018 ng/ul
RT: 19.382 min Scan# 3605
Delta R.T. -0.019 min
Lab File: BM043883.D
Acq: 22 Jan 2024 11:46

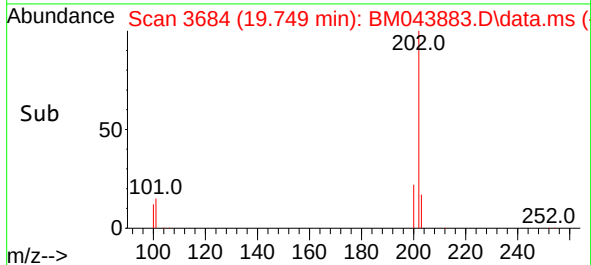
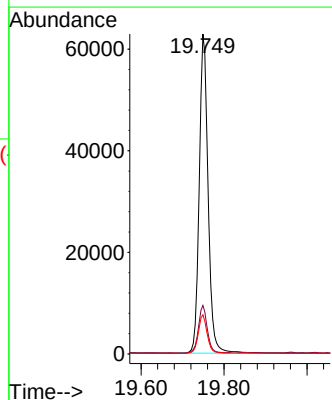
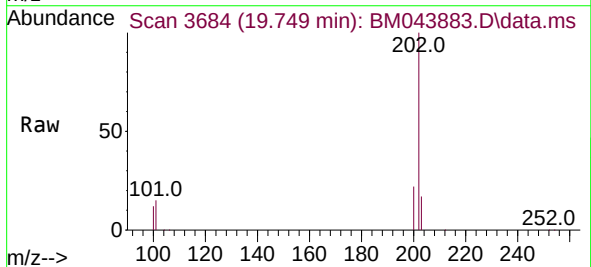
Instrument :
BNA_M
ClientSampleId :
XA317

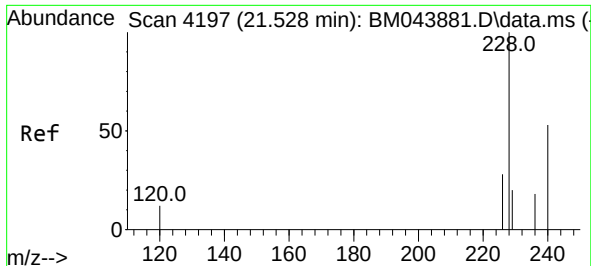
Tgt Ion:202 Resp: 190071
Ion Ratio Lower Upper
202 100
101 13.2 10.1 15.1
100 10.0 8.0 12.0



#20
Pyrene
Concen: 1.866 ng/ul
RT: 19.749 min Scan# 3684
Delta R.T. -0.019 min
Lab File: BM043883.D
Acq: 22 Jan 2024 11:46

Tgt Ion:202 Resp: 92484
Ion Ratio Lower Upper
202 100
101 15.1 11.9 17.9
100 12.2 9.5 14.3

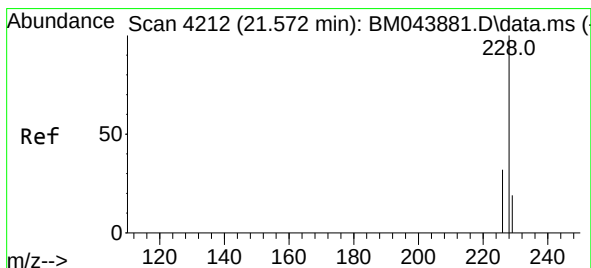
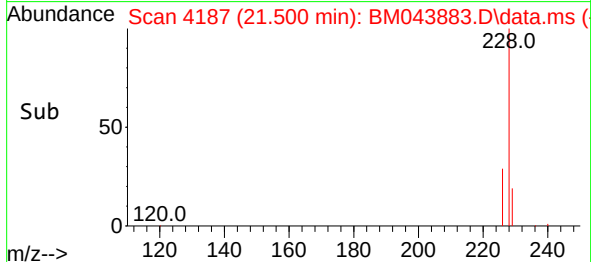
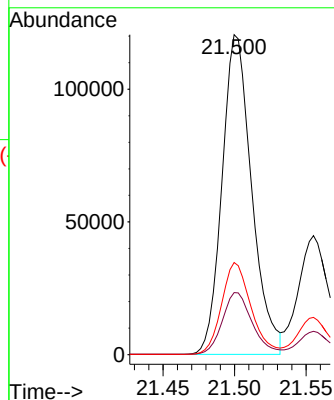
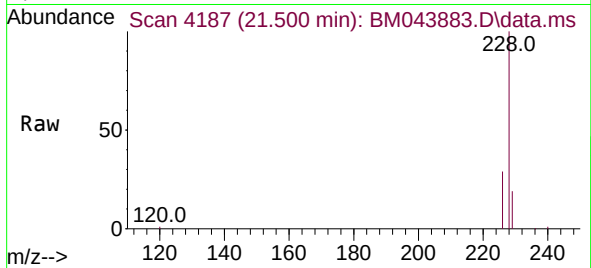




#21
Benzo(a)anthracene
Concen: 5.025 ng/ul
RT: 21.500 min Scan# 4197
Delta R.T. -0.024 min
Lab File: BM043883.D
Acq: 22 Jan 2024 11:46

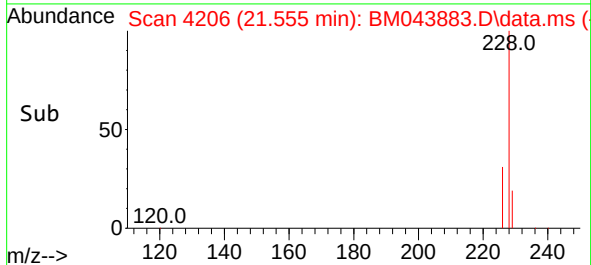
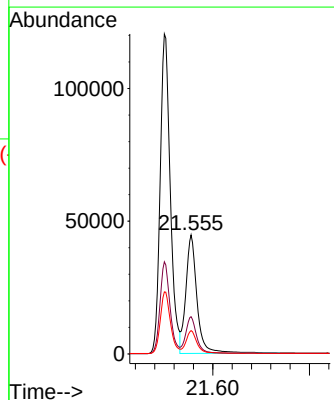
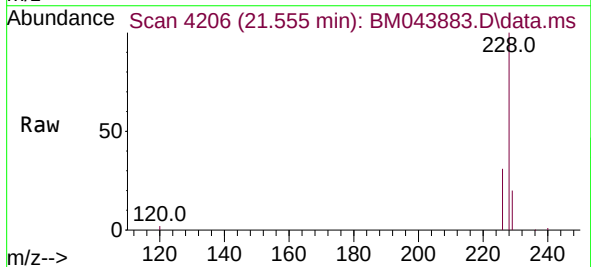
Instrument :
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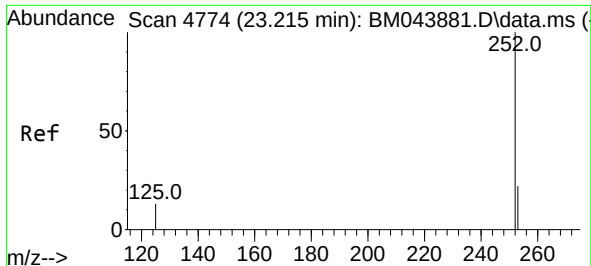
Tgt Ion:228 Resp: 173784
Ion Ratio Lower Upper
228 100
229 19.4 16.5 24.7
226 28.8 23.1 34.7



#22
Chrysene
Concen: 1.543 ng/ul
RT: 21.555 min Scan# 4206
Delta R.T. -0.018 min
Lab File: BM043883.D
Acq: 22 Jan 2024 11:46

Tgt Ion:228 Resp: 71780
Ion Ratio Lower Upper
228 100
226 31.3 26.2 39.2
229 19.6 16.2 24.2

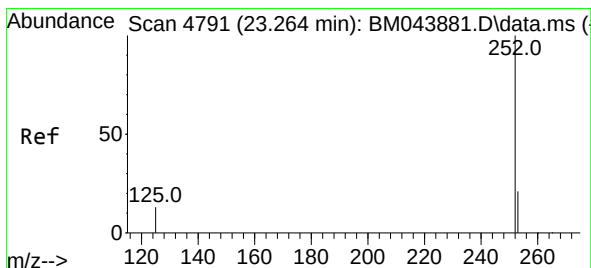
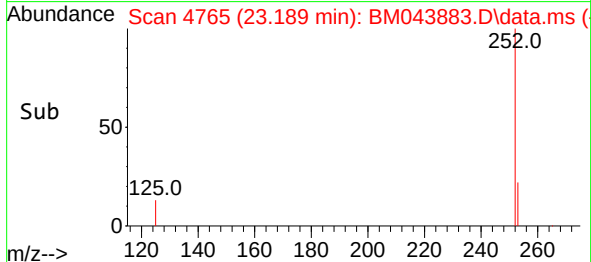
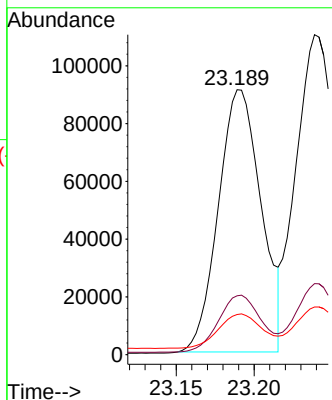
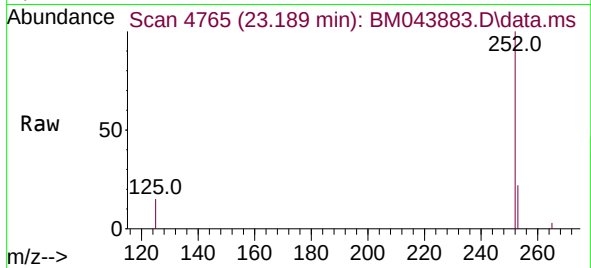




#24
Benzo(b)fluoranthene
Concen: 3.979 ng/ul
RT: 23.189 min Scan# 4765
Delta R.T. -0.026 min
Lab File: BM043883.D
Acq: 22 Jan 2024 11:46

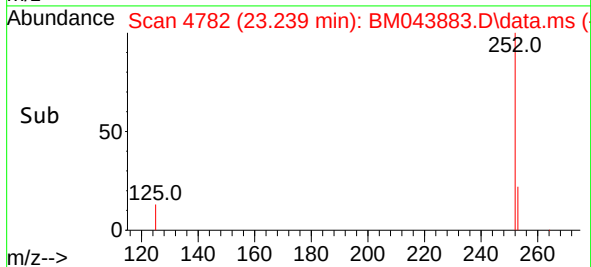
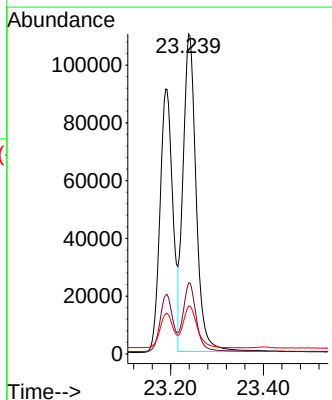
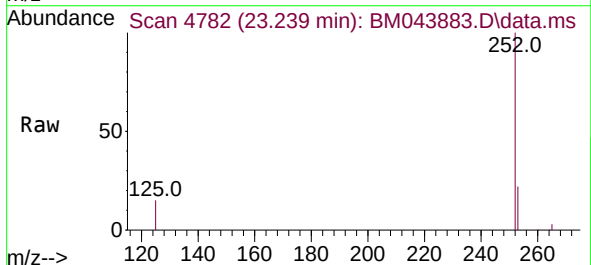
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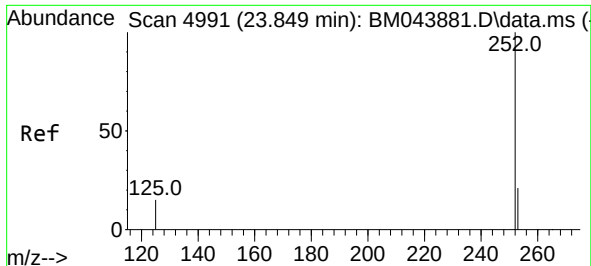
Tgt Ion:252 Resp: 173876
Ion Ratio Lower Upper
252 100
253 22.2 0.0 58.8
125 15.2 0.0 47.2



#25
Benzo(k)fluoranthene
Concen: 4.122 ng/ul
RT: 23.239 min Scan# 4782
Delta R.T. -0.026 min
Lab File: BM043883.D
Acq: 22 Jan 2024 11:46

Tgt Ion:252 Resp: 216288
Ion Ratio Lower Upper
252 100
253 22.2 24.2 36.2#
125 14.9 17.9 26.9#

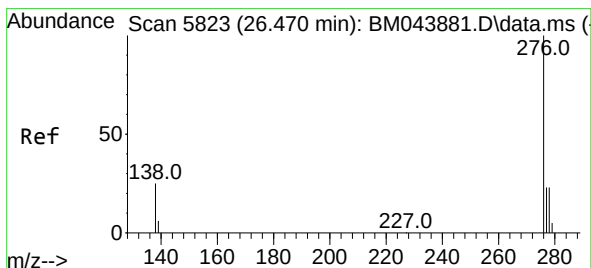
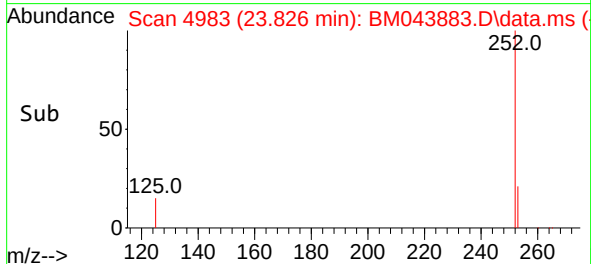
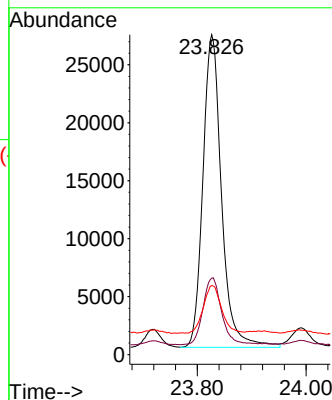
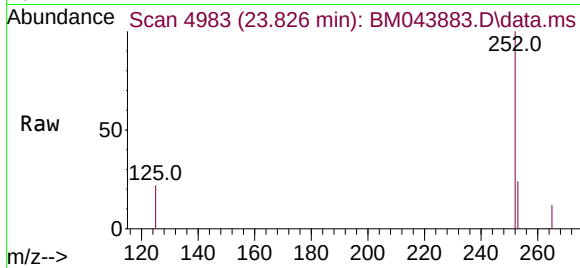




#26
Benzo(a)pyrene
Concen: 1.438 ng/ul
RT: 23.826 min Scan# 4991
Delta R.T. -0.026 min
Lab File: BM043883.D
Acq: 22 Jan 2024 11:46

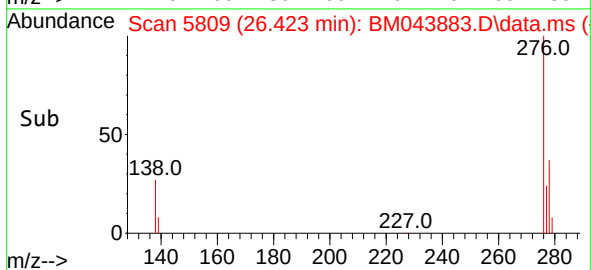
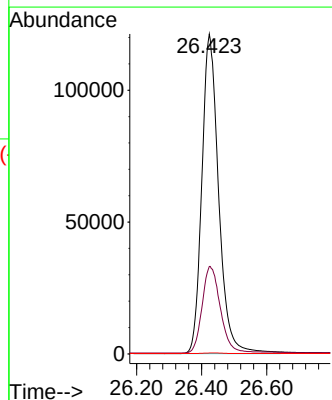
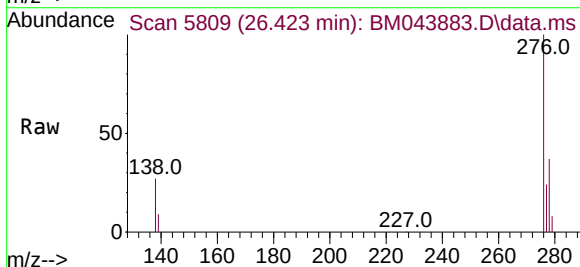
Instrument :
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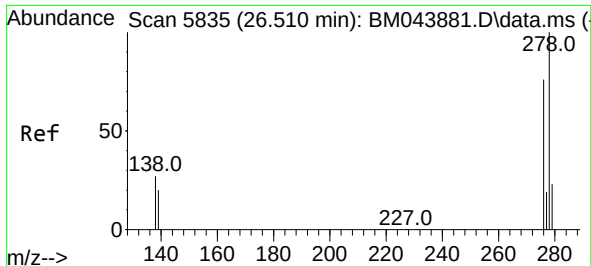
Tgt Ion:252 Resp: 64136
Ion Ratio Lower Upper
252 100
253 23.9 28.6 42.8#
125 21.6 26.9 40.3#



#27
Indeno(1,2,3-cd)pyrene
Concen: 7.568 ng/ul
RT: 26.423 min Scan# 5809
Delta R.T. -0.054 min
Lab File: BM043883.D
Acq: 22 Jan 2024 11:46

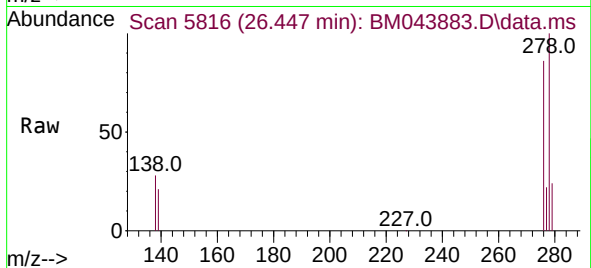
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Ion Ratio Lower Upper
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138 29.6 24.6 36.8
227 0.2 0.1 0.1#



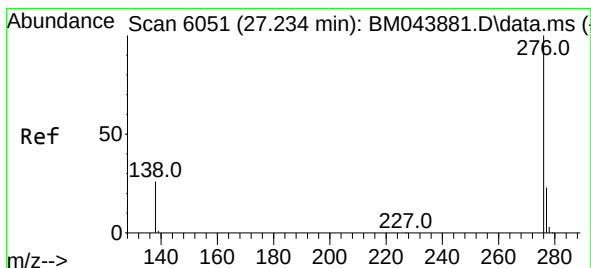
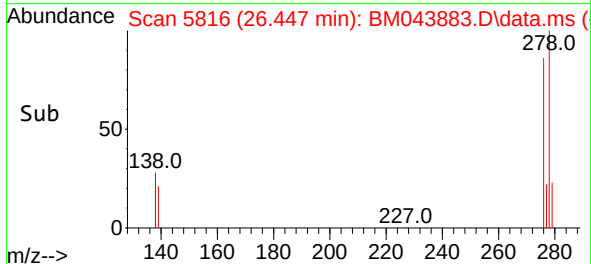
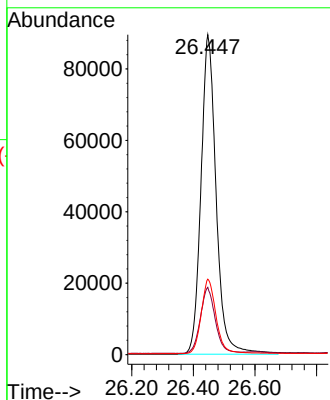


#28
Dibenzo(a,h)anthracene
Concen: 6.966 ng/ul
RT: 26.447 min Scan# 5835
Delta R.T. -0.064 min
Lab File: BM043883.D
Acq: 22 Jan 2024 11:46

Instrument :
BNA_M
ClientSampleId :
XA317



Tgt Ion:278 Resp: 306166
Ion Ratio Lower Upper
278 100
139 21.0 21.1 31.7#
279 23.6 25.8 38.6#



#29
Benzo(g,h,i)perylene
Concen: 5.214 ng/ul
RT: 27.195 min Scan# 6039
Delta R.T. -0.050 min
Lab File: BM043883.D
Acq: 22 Jan 2024 11:46

Tgt Ion:276 Resp: 267797
Ion Ratio Lower Upper
276 100
138 26.3 24.0 36.0
277 23.6 20.6 31.0

