

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112122\
 Data File : BM037677.D
 Acq On : 23 Nov 2022 13:10
 Operator : CG/JU
 Sample : N5568-09
 Misc :
 ALS Vial : 78 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 X3D68

Quant Time: Nov 24 01:49:22 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM111622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 21 22:36:32 2022
 Response via : Initial Calibration

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

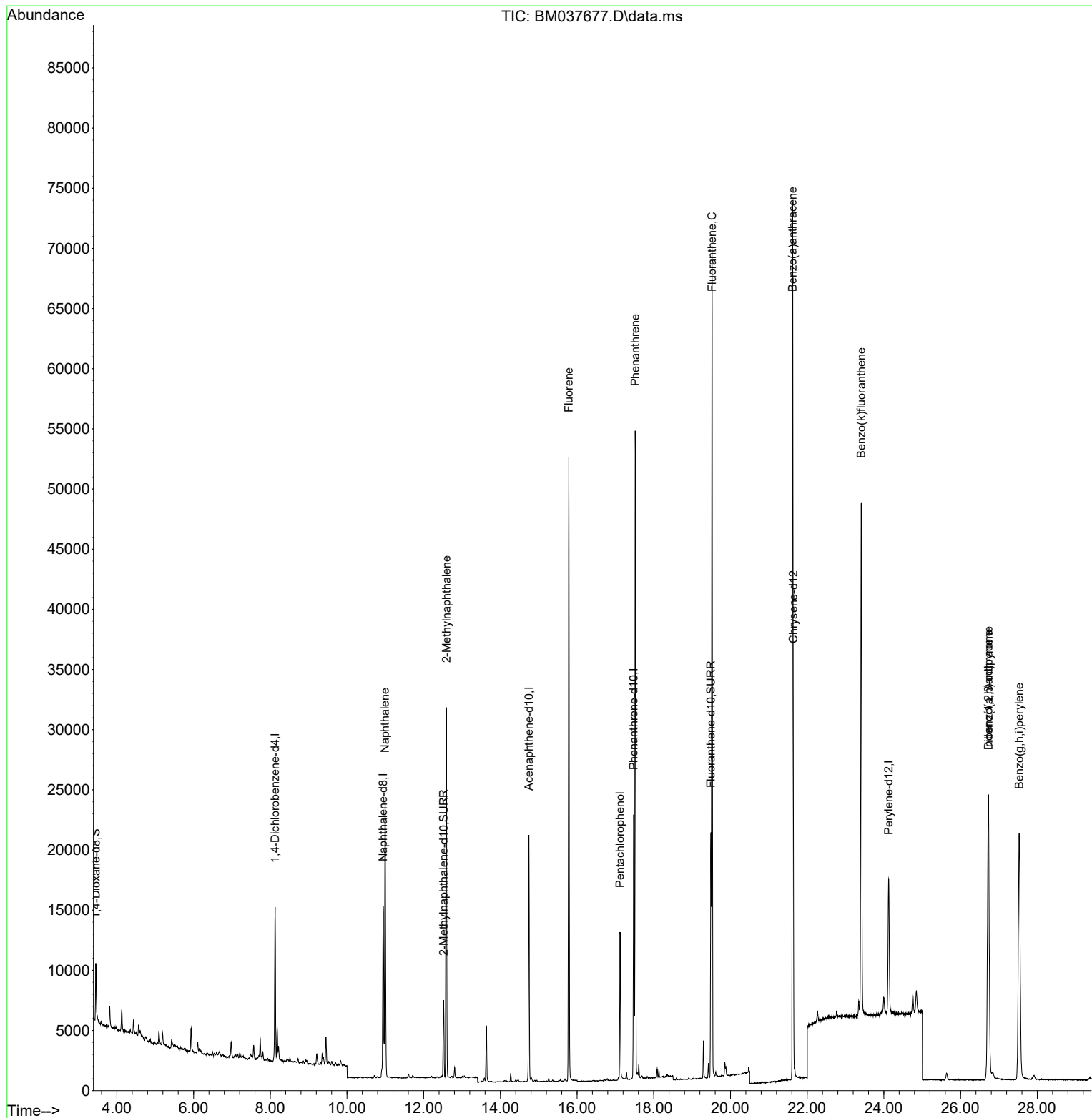
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.125	152	6314	0.400	ng/ul	0.00
4) Naphthalene-d8	10.942	136	18465	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.743	164	10614	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.475	188	24098	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.636	240	17554	0.400	ng/ul	# 0.00
23) Perylene-d12	24.127	264	16393	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.450	96	3008	0.410	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.520	152	8013	0.262	ng/ul	0.00
18) Fluoranthene-d10	19.490	212	19749	0.340	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.991	128	31288	0.558	ng/ul	97
7) 2-Methylnaphthalene	12.592	142	20661	0.542	ng/ul	100
12) Fluorene	15.784	166	31512	0.636	ng/ul	99
14) Pentachlorophenol	17.120	266	7897	1.460	ng/ul	99
15) Phenanthrene	17.517	178	56193	0.682	ng/ul	99
19) Fluoranthene	19.518	202	56685	0.669	ng/ul#	94
21) Benzo(a)anthracene	21.622	228	59467	0.758	ng/ul	99
25) Benzo(k)fluoranthene	23.411	252	55936	0.741	ng/ul#	97
27) Indeno(1,2,3-cd)pyrene	26.728	276	49173	0.571	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.728	278	1697	0.025	ng/ul#	28
29) Benzo(g,h,i)perylene	27.529	276	46237	0.633	ng/ul	96

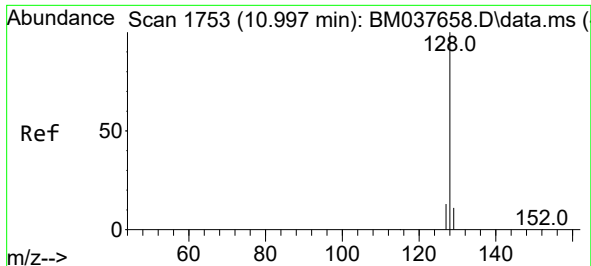
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Nov 24 01:49:22 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM11622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 21 22:36:32 2022
Response via : Initial Calibration

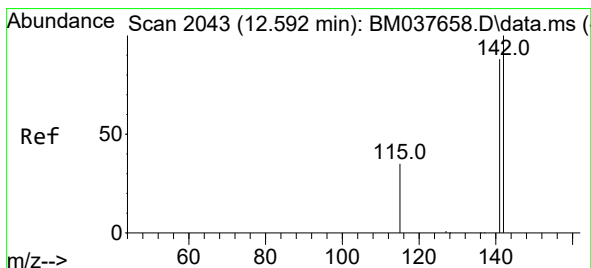
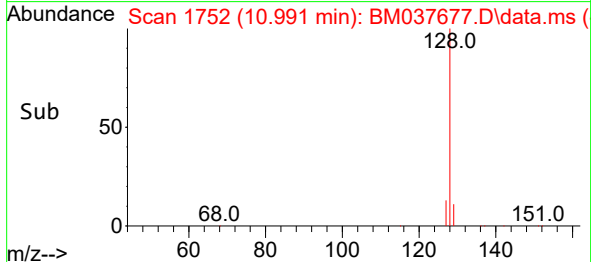
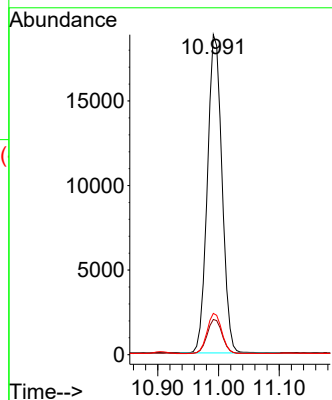
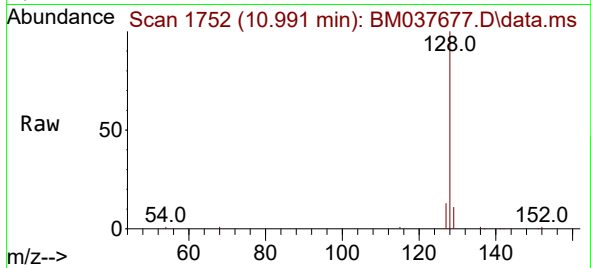




#5
Naphthalene
Concen: 0.558 ng/ul
RT: 10.991 min Scan# 1752
Delta R.T. -0.010 min
Lab File: BM037677.D
Acq: 23 Nov 2022 13:10

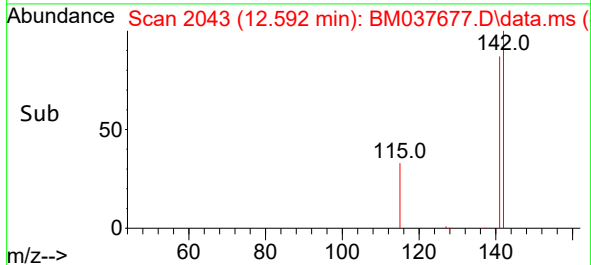
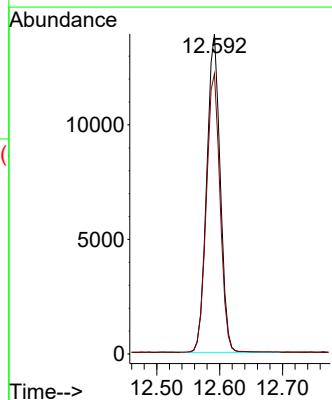
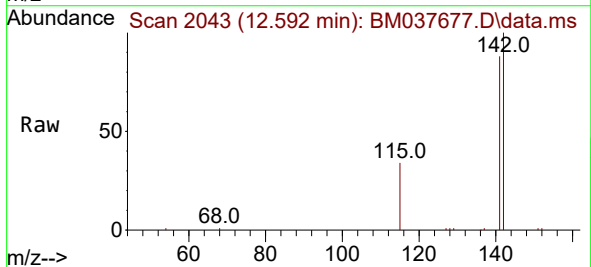
Instrument :
BNA_M
ClientSampleId :
X3D68

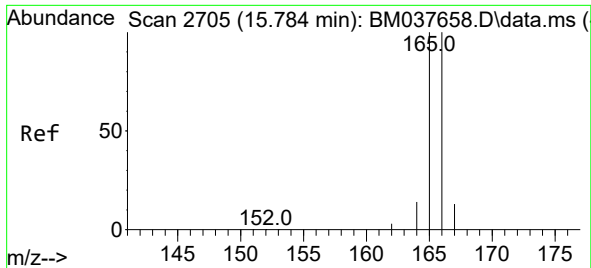
Tgt Ion:128 Resp: 31288
Ion Ratio Lower Upper
128 100
129 11.0 9.8 14.8
127 12.9 11.0 16.4



#7
2-Methylnaphthalene
Concen: 0.542 ng/ul
RT: 12.592 min Scan# 2043
Delta R.T. -0.004 min
Lab File: BM037677.D
Acq: 23 Nov 2022 13:10

Tgt Ion:142 Resp: 20661
Ion Ratio Lower Upper
142 100
141 88.9 71.0 106.4

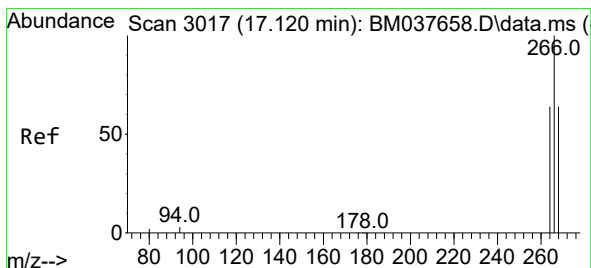
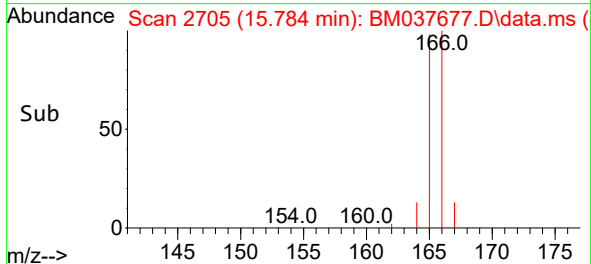
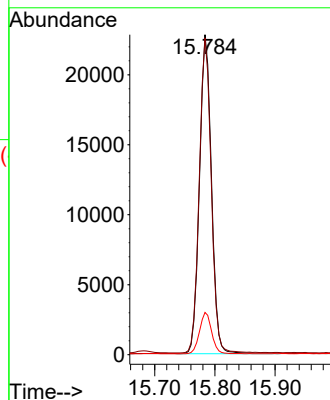
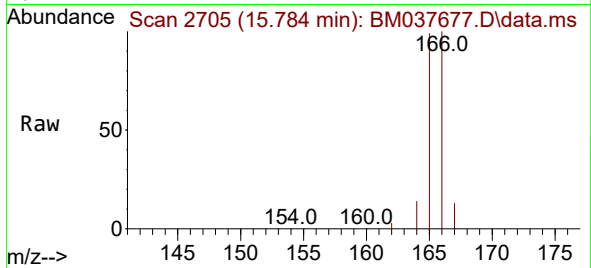




#12
Fluorene
Concen: 0.636 ng/ul
RT: 15.784 min Scan# 21
Delta R.T. -0.003 min
Lab File: BM037677.D
Acq: 23 Nov 2022 13:10

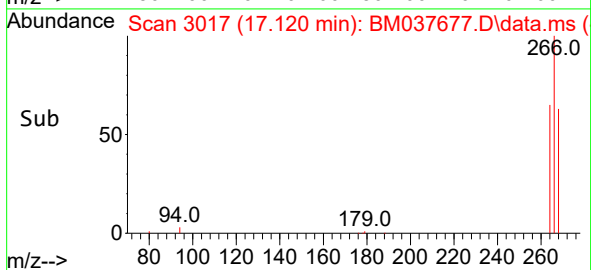
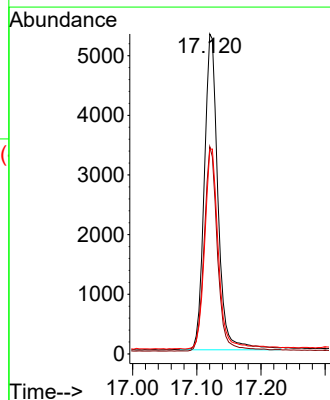
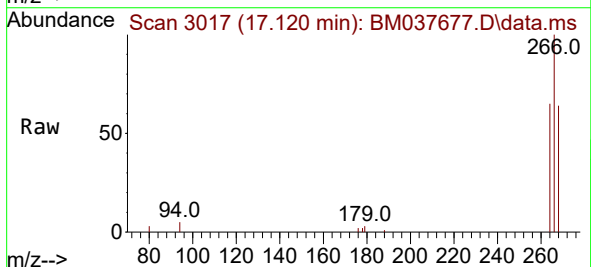
Instrument :
BNA_M
ClientSampleId :
X3D68

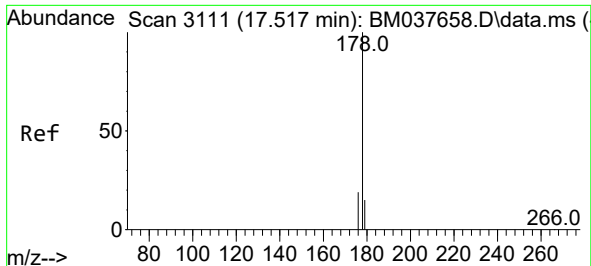
Tgt Ion:166 Resp: 31512
Ion Ratio Lower Upper
166 100
165 99.0 78.7 118.1
167 13.2 11.3 16.9



#14
Pentachlorophenol
Concen: 1.460 ng/ul
RT: 17.120 min Scan# 3017
Delta R.T. -0.007 min
Lab File: BM037677.D
Acq: 23 Nov 2022 13:10

Tgt Ion:266 Resp: 7897
Ion Ratio Lower Upper
266 100
264 63.5 50.2 75.2
268 63.9 52.0 78.0

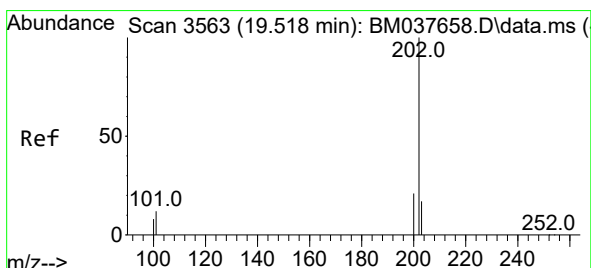
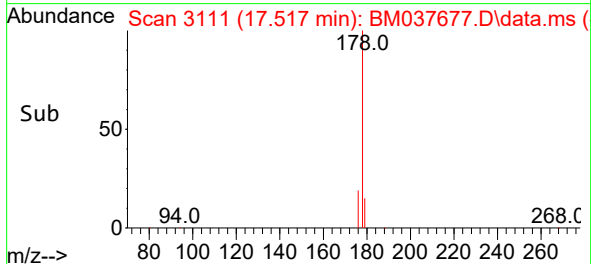
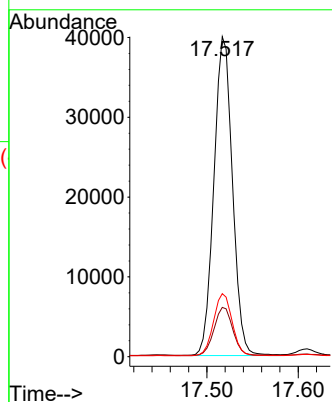
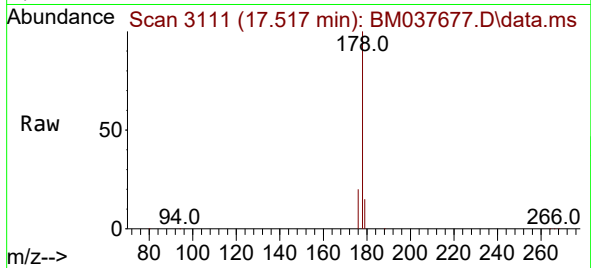




#15
Phenanthrene
Concen: 0.682 ng/ul
RT: 17.517 min Scan# 3111
Delta R.T. -0.007 min
Lab File: BM037677.D
Acq: 23 Nov 2022 13:10

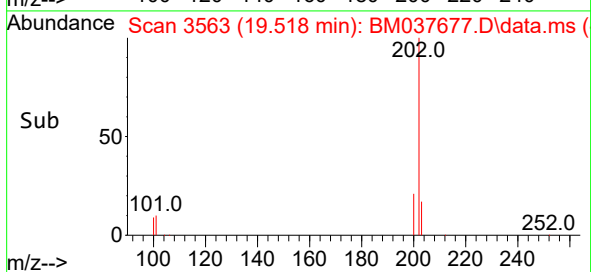
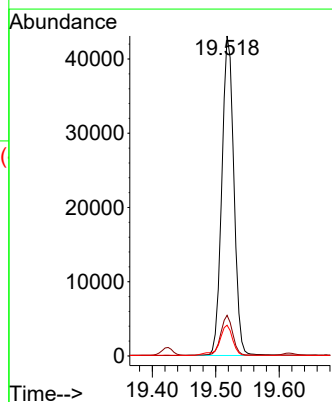
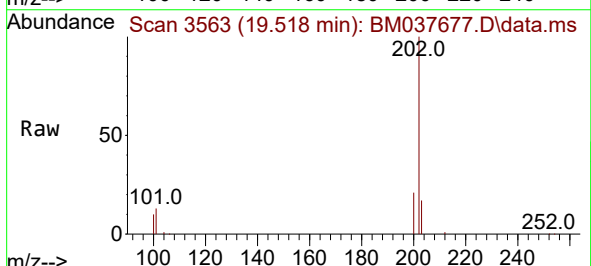
Instrument :
BNA_M
ClientSampleId :
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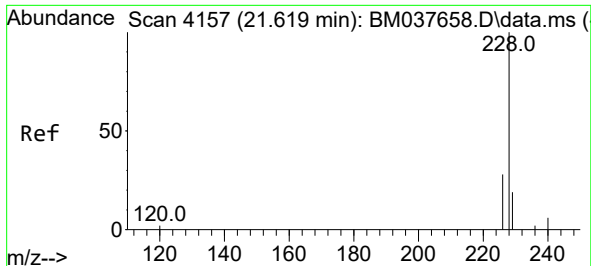
Tgt Ion:178 Resp: 56193
Ion Ratio Lower Upper
178 100
179 15.4 12.6 18.8
176 19.7 16.0 24.0



#19
Fluoranthene
Concen: 0.669 ng/ul
RT: 19.518 min Scan# 3563
Delta R.T. -0.003 min
Lab File: BM037677.D
Acq: 23 Nov 2022 13:10

Tgt Ion:202 Resp: 56685
Ion Ratio Lower Upper
202 100
101 12.7 8.2 12.2#
100 9.6 6.1 9.1#

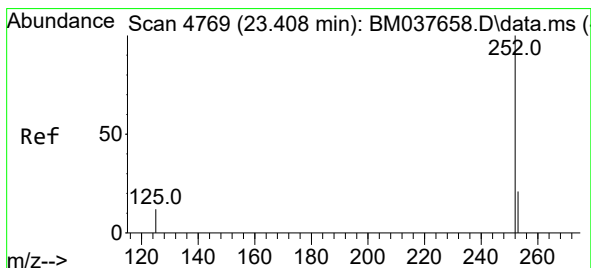
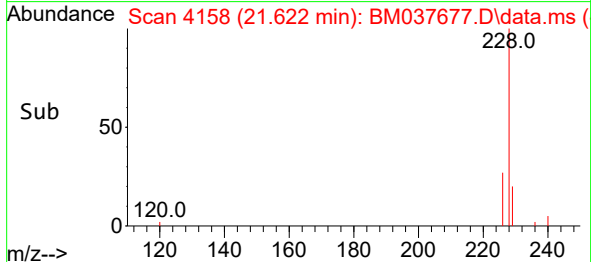
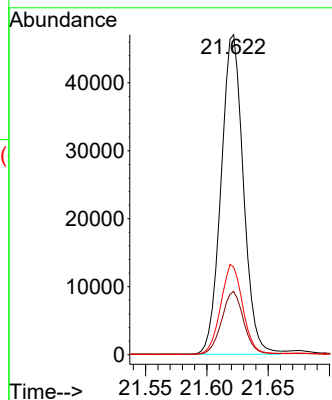
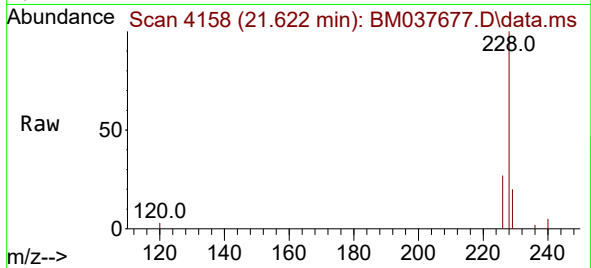




#21
Benzo(a)anthracene
Concen: 0.758 ng/ul
RT: 21.622 min Scan# 4158
Delta R.T. -0.000 min
Lab File: BM037677.D
Acq: 23 Nov 2022 13:10

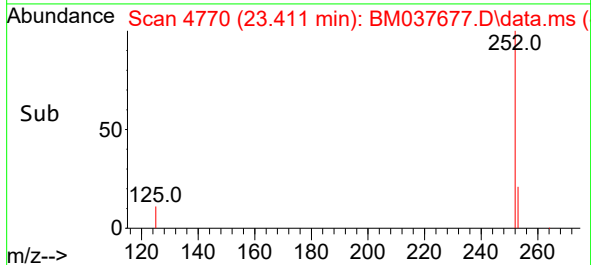
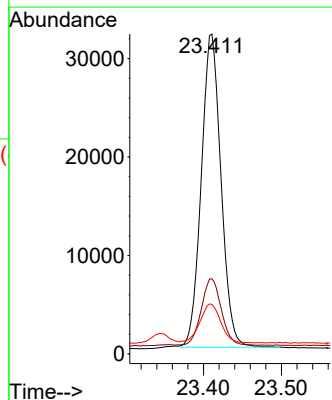
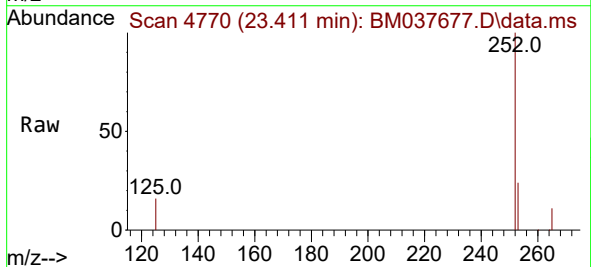
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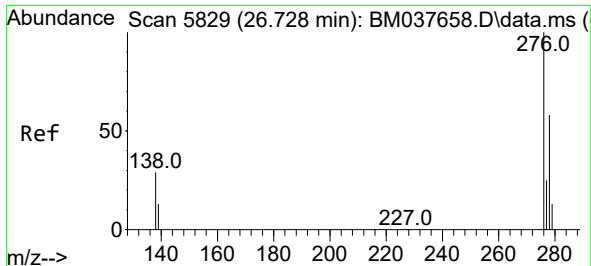
Tgt Ion:228 Resp: 59467
Ion Ratio Lower Upper
228 100
229 19.8 15.7 23.5
226 27.3 22.2 33.2



#25
Benzo(k)fluoranthene
Concen: 0.741 ng/ul
RT: 23.411 min Scan# 4770
Delta R.T. -0.000 min
Lab File: BM037677.D
Acq: 23 Nov 2022 13:10

Tgt Ion:252 Resp: 55936
Ion Ratio Lower Upper
252 100
253 23.5 18.8 28.2
125 15.5 9.8 14.6#

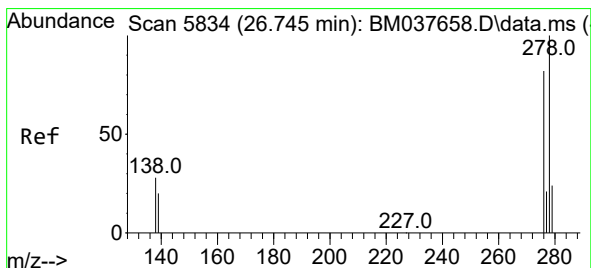
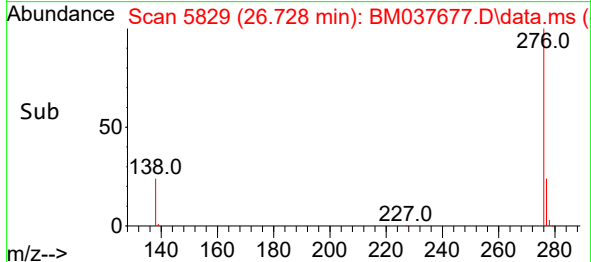
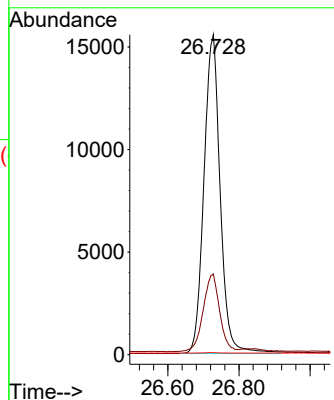
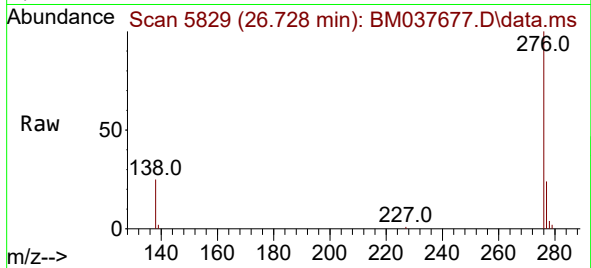




#27
Indeno(1,2,3-cd)pyrene
Concen: 0.571 ng/ul
RT: 26.728 min Scan# 5829
Delta R.T. -0.000 min
Lab File: BM037677.D
Acq: 23 Nov 2022 13:10

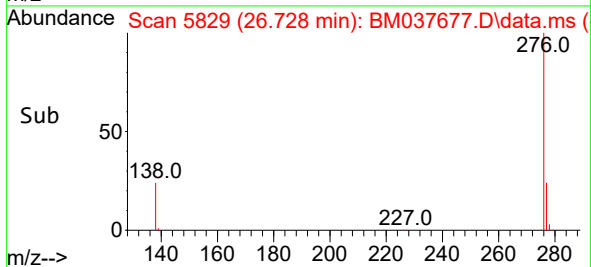
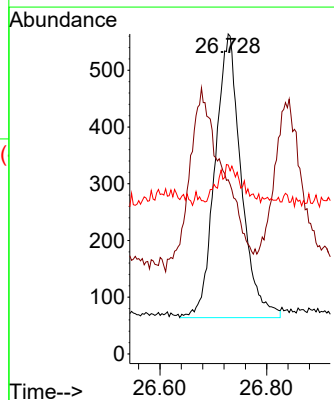
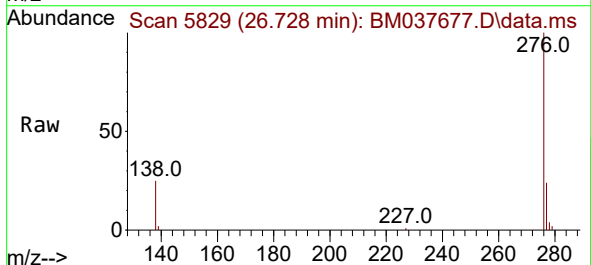
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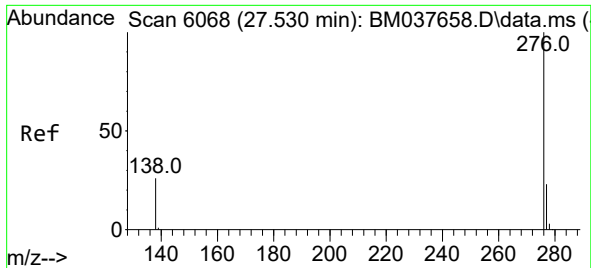
Tgt Ion:276 Resp: 49173
Ion Ratio Lower Upper
276 100
138 25.9 21.2 31.8
227 0.1 0.1 0.1#



#28
Dibenzo(a,h)anthracene
Concen: 0.025 ng/ul
RT: 26.728 min Scan# 5829
Delta R.T. -0.020 min
Lab File: BM037677.D
Acq: 23 Nov 2022 13:10

Tgt Ion:278 Resp: 1697
Ion Ratio Lower Upper
278 100
139 54.4 15.2 22.8#
279 59.0 20.2 30.2#





#29

Benzo(g,h,i)perylene

Concen: 0.633 ng/ul

RT: 27.529 min Scan# 60

Delta R.T. -0.004 min

Lab File: BM037677.D

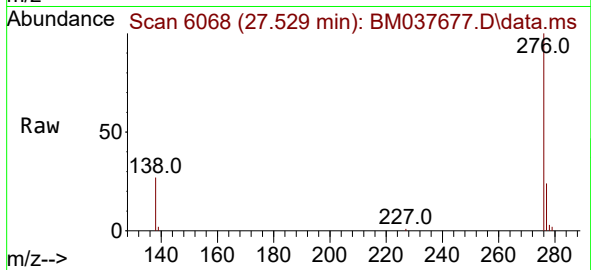
Acq: 23 Nov 2022 13:10

Instrument :

BNA_M

ClientSampleId :

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Tgt Ion:276 Resp: 46237

Ion Ratio Lower Upper

276 100

138 27.1 19.0 28.4

277 23.8 19.4 29.2

