

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101022\
 Data File : BM036977.D
 Acq On : 12 Oct 2022 10:59
 Operator : CG/JU
 Sample : N5024-02DL 5X
 Misc :
 ALS Vial : 81 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Oct 12 23:09:03 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM100622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 11 09:03:52 2022
 Response via : Initial Calibration

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

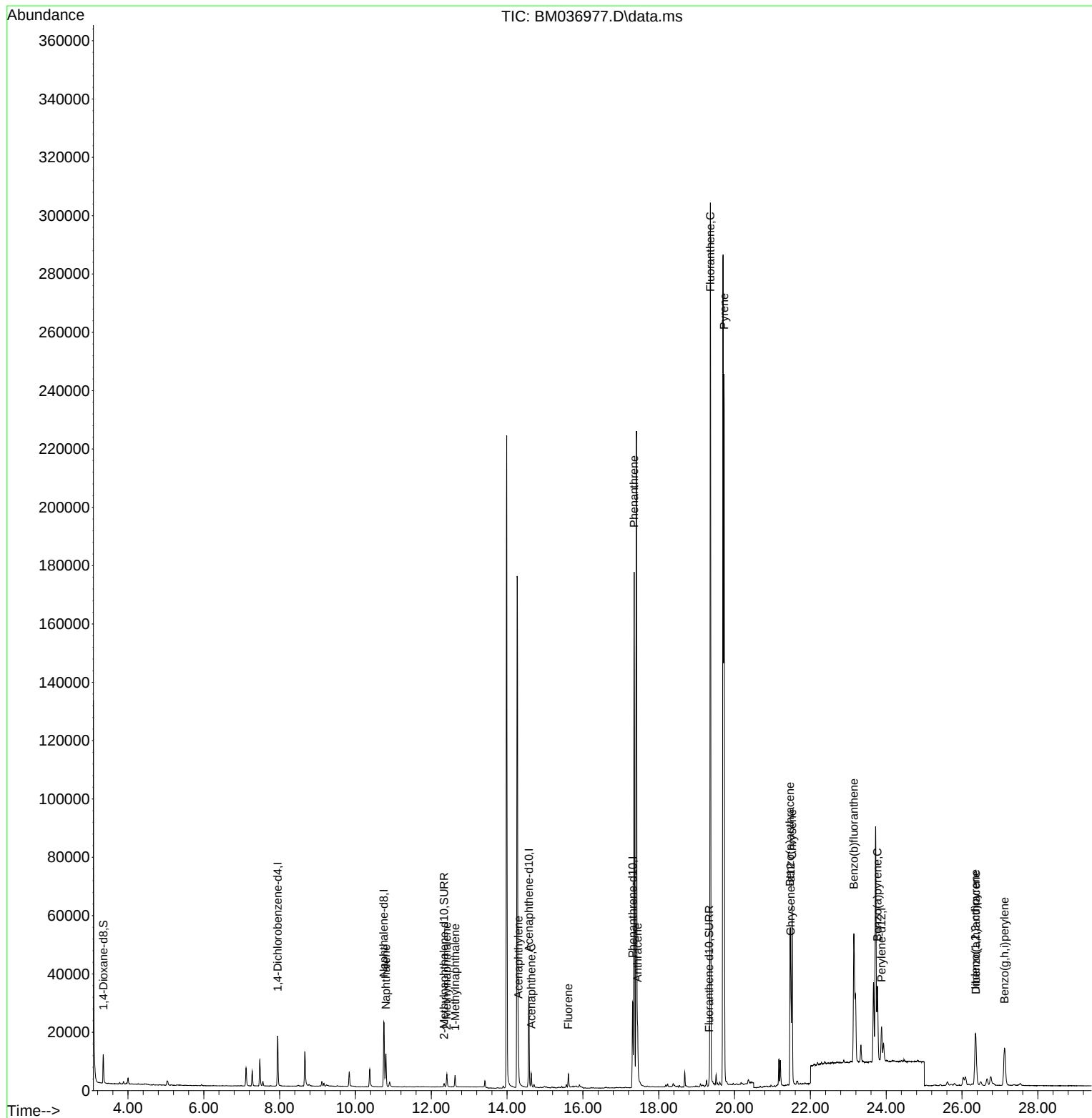
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.947	152	8706	0.400	ng/ul	0.00
4) Naphthalene-d8	10.749	136	31160	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.575	164	17571	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.313	188	35152	0.400	ng/ul	0.00
17) Chrysene-d12	21.482	240	21033	0.400	ng/ul	0.00
23) Perylene-d12	23.876	264	16258	0.400	ng/ul #	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.348	96	6498	0.529	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.338	152	1658	0.035	ng/ul	0.00
18) Fluoranthene-d10	19.331	212	3038	0.048	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.804	128	15656	0.176	ng/ul	98
7) 2-Methylnaphthalene	12.409	142	3532	0.065	ng/ul	92
8) 1-Methylnaphthalene	12.629	142	2923	0.053	ng/ul	99
10) Acenaphthylene	14.298	152	13795	0.189	ng/ul	99
11) Acenaphthene	14.635	153	2757	0.043	ng/ul	97
12) Fluorene	15.616	166	3143	0.044	ng/ul#	97
15) Phenanthrene	17.351	178	186362	1.661	ng/ul	99
16) Anthracene	17.444	178	16820	0.179	ng/ul	99
19) Fluoranthene	19.363	202	250497	2.994	ng/ul	97
20) Pyrene	19.721	202	192219	2.203	ng/ul	99
21) Benzo(a)anthracene	21.464	228	43809	0.576	ng/ul	100
22) Chrysene	21.517	228	62552	0.767	ng/ul	100
24) Benzo(b)fluoranthene	23.145	252	79419	1.093	ng/ul	90
26) Benzo(a)pyrene	23.768	252	35590	0.604	ng/ul#	84
27) Indeno(1,2,3-cd)pyrene	26.353	276	32957	0.395	ng/ul#	91
28) Dibenzo(a,h)anthracene	26.366	278	7200	0.107	ng/ul#	85
29) Benzo(g,h,i)perylene	27.121	276	29026	0.395	ng/ul	99

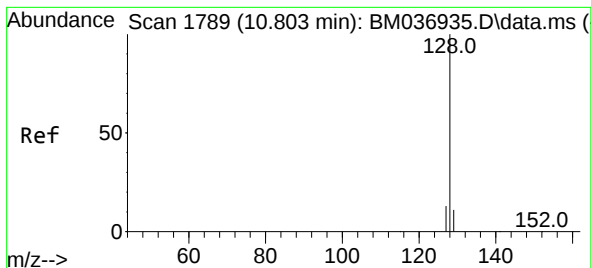
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Naphthalene

Concen: 0.176 ng/ul

RT: 10.804 min Scan# 1

Delta R.T. 0.000 min

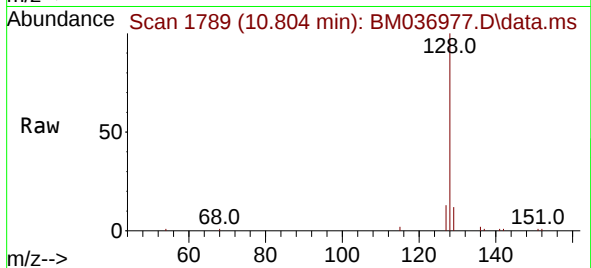
Lab File: BM036977.D

Acq: 12 Oct 2022 10:59

Instrument :

BNA_M

ClientSampleId :



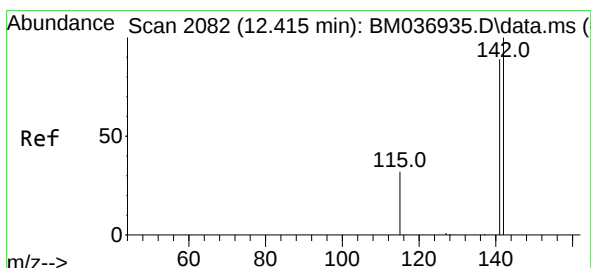
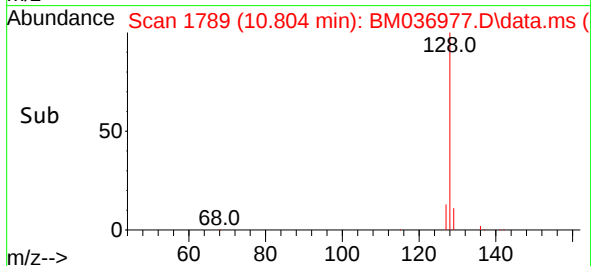
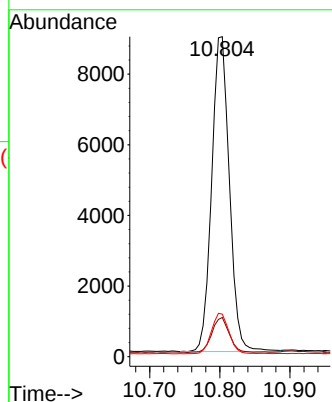
Tgt Ion:128 Resp: 15656

Ion Ratio Lower Upper

128 100

129 12.2 10.2 15.2

127 13.3 11.7 17.5



#7

2-Methylnaphthalene

Concen: 0.065 ng/ul

RT: 12.409 min Scan# 2081

Delta R.T. -0.005 min

Lab File: BM036977.D

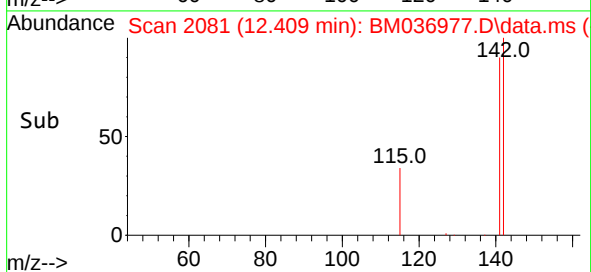
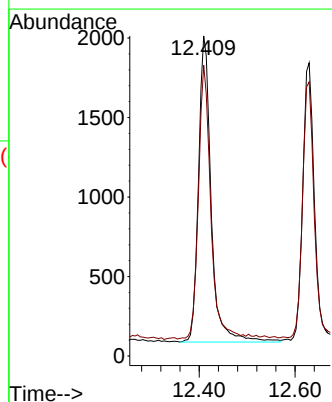
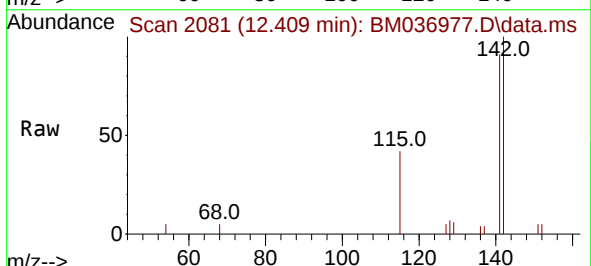
Acq: 12 Oct 2022 10:59

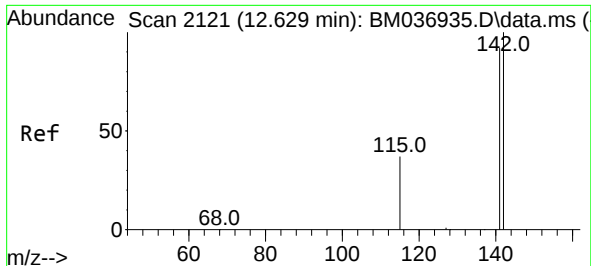
Tgt Ion:142 Resp: 3532

Ion Ratio Lower Upper

142 100

141 88.5 77.4 116.0

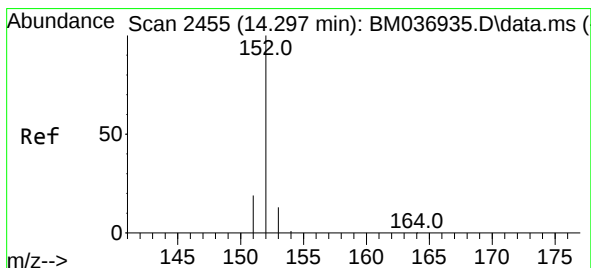
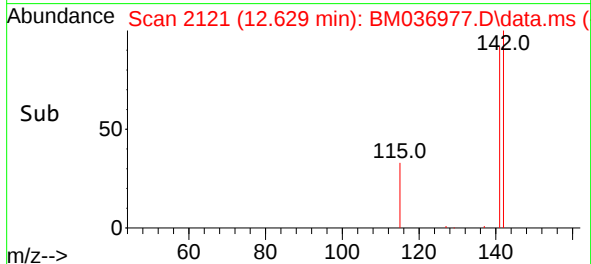
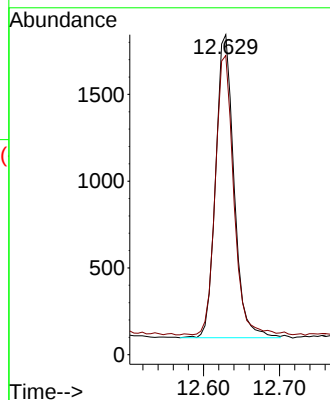
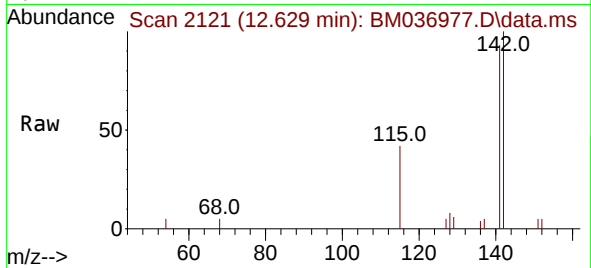




#8
1-Methylnaphthalene
Concen: 0.053 ng/ul
RT: 12.629 min Scan# 2121
Delta R.T. 0.000 min
Lab File: BM036977.D
Acq: 12 Oct 2022 10:59

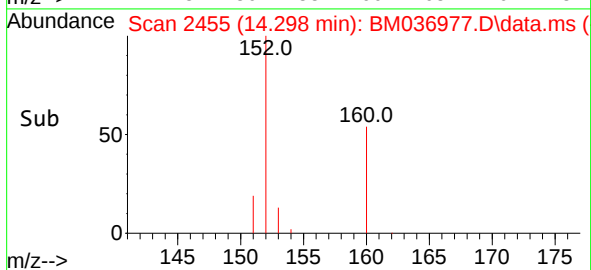
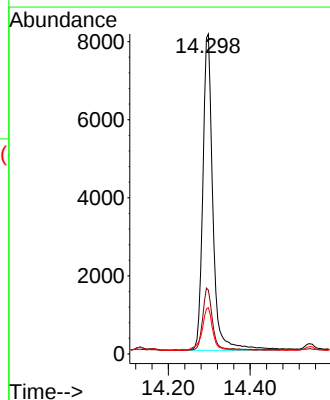
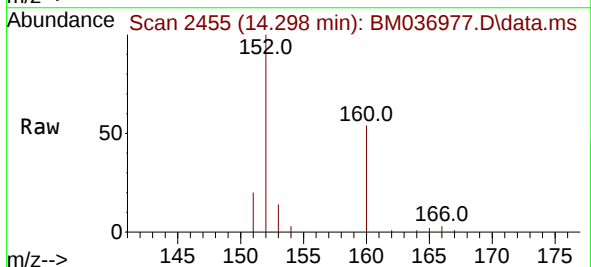
Instrument :
BNA_M
ClientSampleId :

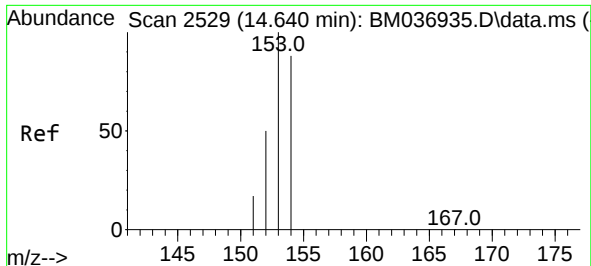
Tgt Ion:142 Resp: 2923
Ion Ratio Lower Upper
142 100
141 91.8 74.1 111.1



#10
Acenaphthylene
Concen: 0.189 ng/ul
RT: 14.298 min Scan# 2455
Delta R.T. 0.000 min
Lab File: BM036977.D
Acq: 12 Oct 2022 10:59

Tgt Ion:152 Resp: 13795
Ion Ratio Lower Upper
152 100
151 20.0 16.6 24.8
153 14.5 11.4 17.0

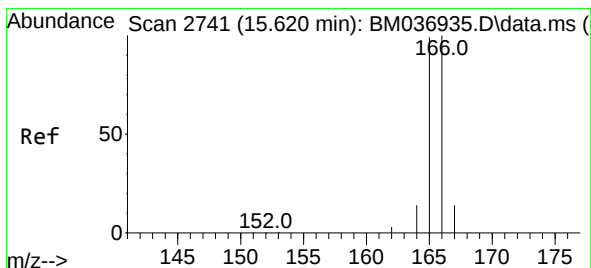
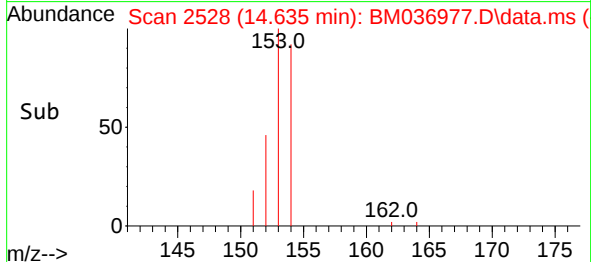
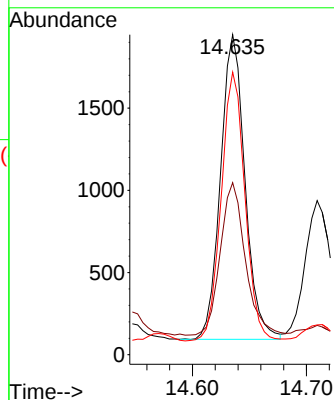
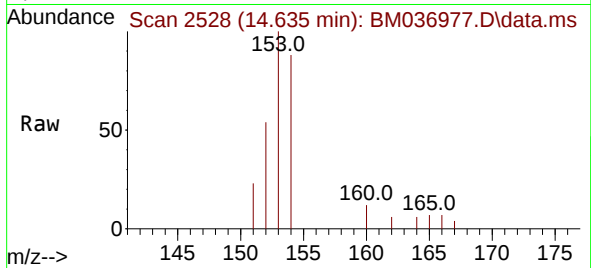




#11
Acenaphthene
Concen: 0.043 ng/u1
RT: 14.635 min Scan# 21
Delta R.T. -0.004 min
Lab File: BM036977.D
Acq: 12 Oct 2022 10:59

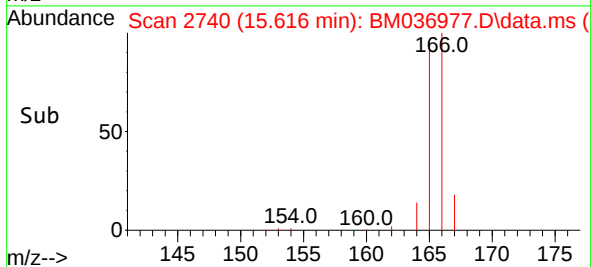
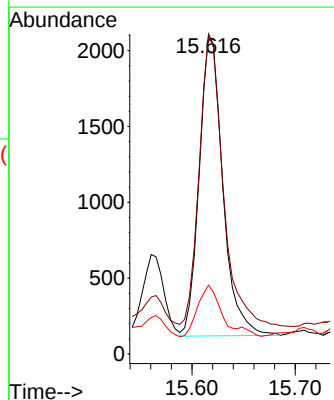
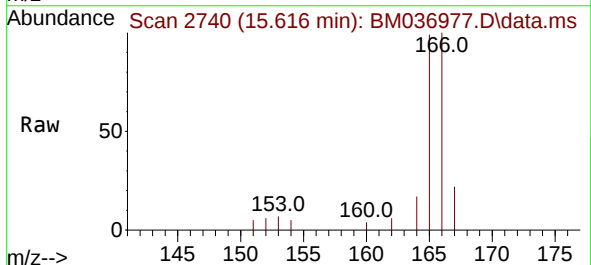
Instrument :
BNA_M
ClientSampleId :

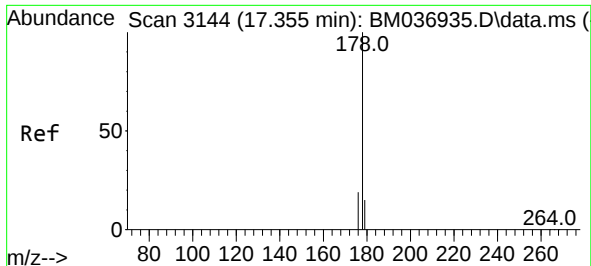
Tgt Ion:153 Resp: 2757
Ion Ratio Lower Upper
153 100
152 53.8 40.2 60.4
154 88.3 69.7 104.5



#12
Fluorene
Concen: 0.044 ng/u1
RT: 15.616 min Scan# 2740
Delta R.T. -0.004 min
Lab File: BM036977.D
Acq: 12 Oct 2022 10:59

Tgt Ion:166 Resp: 3143
Ion Ratio Lower Upper
166 100
165 99.4 78.9 118.3
167 21.5 11.3 16.9#

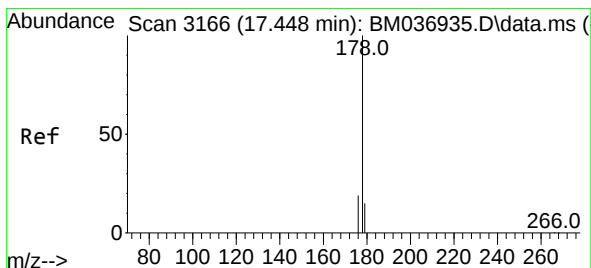
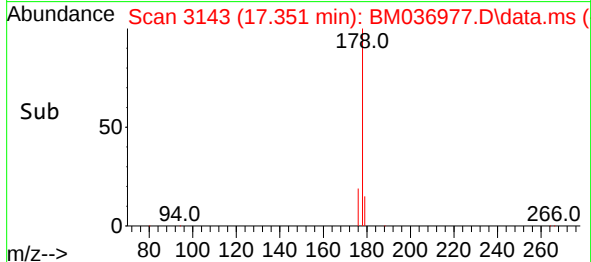
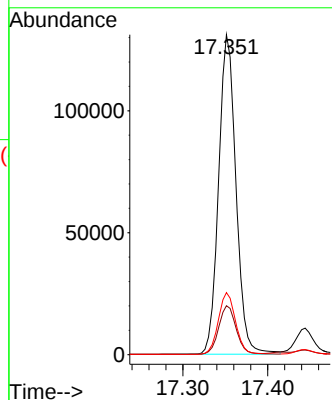
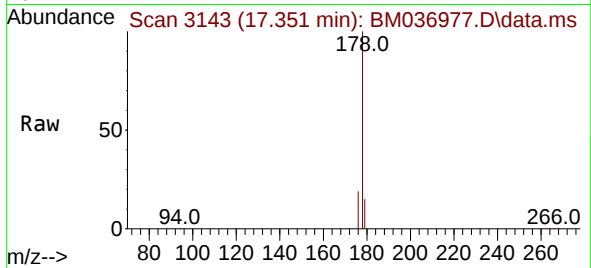




#15
Phenanthrene
Concen: 1.661 ng/ul
RT: 17.351 min Scan# 3144
Delta R.T. -0.004 min
Lab File: BM036977.D
Acq: 12 Oct 2022 10:59

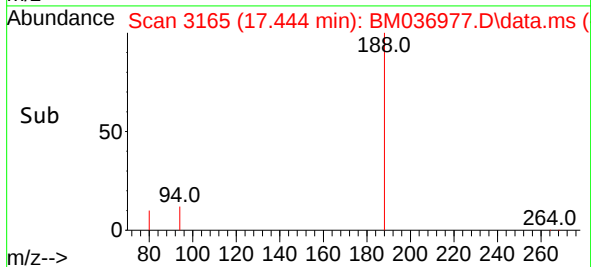
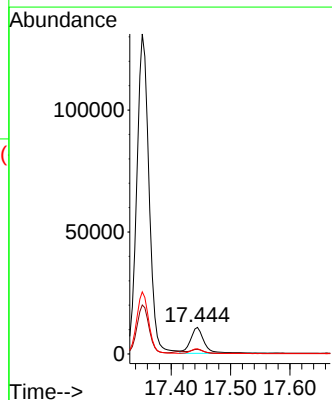
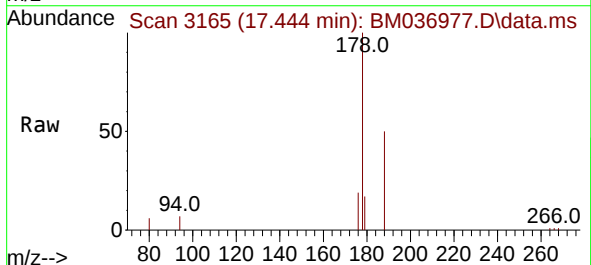
Instrument :
BNA_M
ClientSampleId :

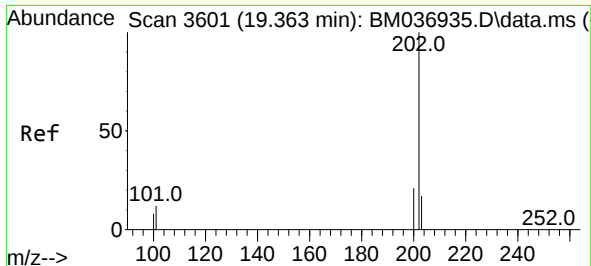
Tgt Ion:178 Resp: 186362
Ion Ratio Lower Upper
178 100
179 15.3 13.0 19.6
176 19.4 15.6 23.4



#16
Anthracene
Concen: 0.179 ng/ul
RT: 17.444 min Scan# 3165
Delta R.T. -0.004 min
Lab File: BM036977.D
Acq: 12 Oct 2022 10:59

Tgt Ion:178 Resp: 16820
Ion Ratio Lower Upper
178 100
179 17.3 13.6 20.4
176 19.2 15.6 23.4

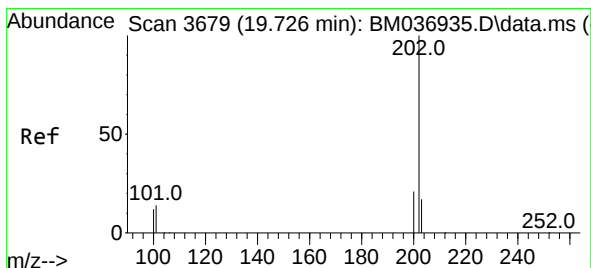
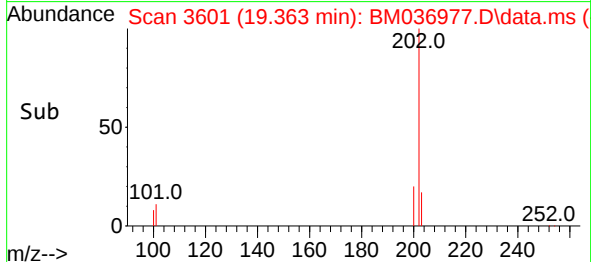
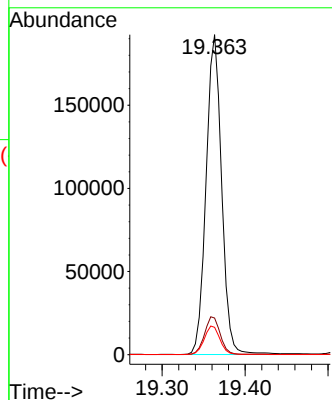
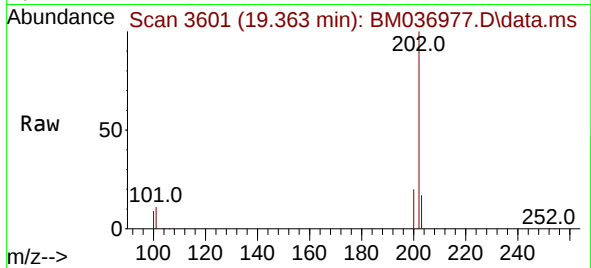




#19
Fluoranthene
Concen: 2.994 ng/ul
RT: 19.363 min Scan# 3601
Delta R.T. -0.000 min
Lab File: BM036977.D
Acq: 12 Oct 2022 10:59

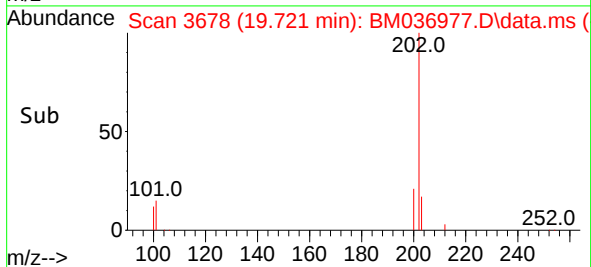
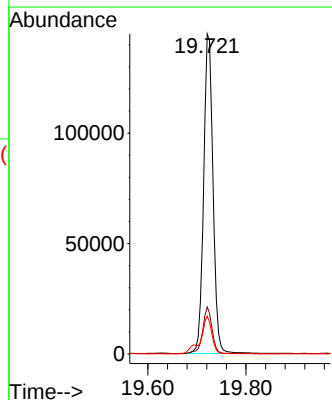
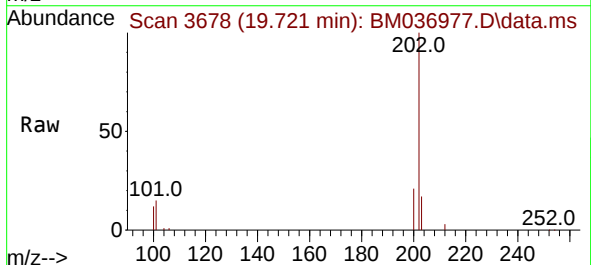
Instrument :
BNA_M
ClientSampleId :

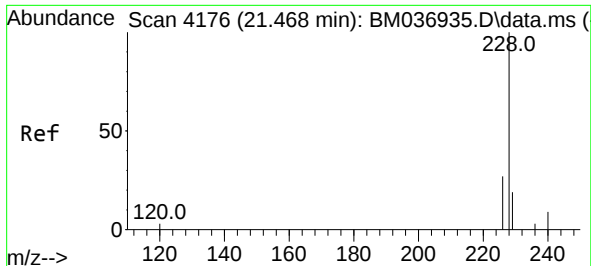
Tgt Ion:202 Resp: 250497
Ion Ratio Lower Upper
202 100
101 11.4 10.1 15.1
100 8.5 7.9 11.9



#20
Pyrene
Concen: 2.203 ng/ul
RT: 19.721 min Scan# 3678
Delta R.T. -0.005 min
Lab File: BM036977.D
Acq: 12 Oct 2022 10:59

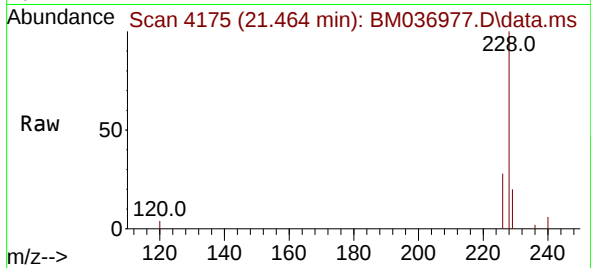
Tgt Ion:202 Resp: 192219
Ion Ratio Lower Upper
202 100
101 14.7 12.0 18.0
100 11.8 9.8 14.6



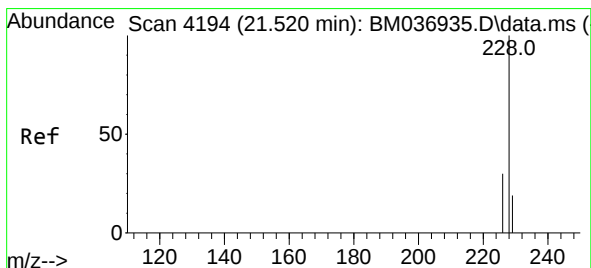
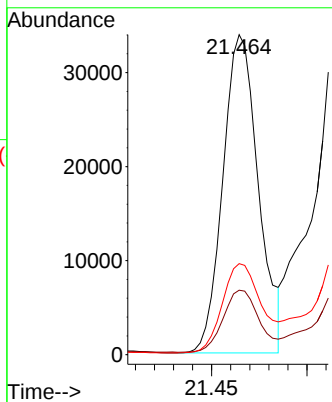
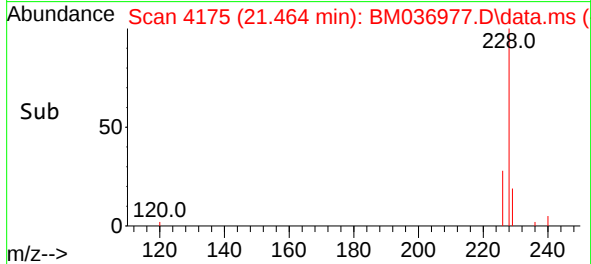


#21
Benzo(a)anthracene
Concen: 0.576 ng/ul
RT: 21.464 min Scan# 4175
Delta R.T. -0.003 min
Lab File: BM036977.D
Acq: 12 Oct 2022 10:59

Instrument :
BNA_M
ClientSampleId :

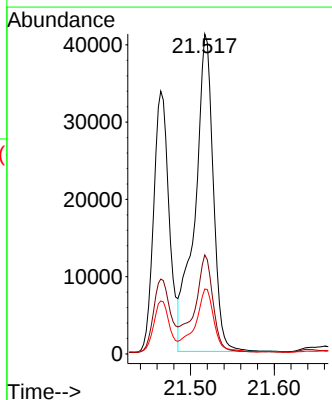
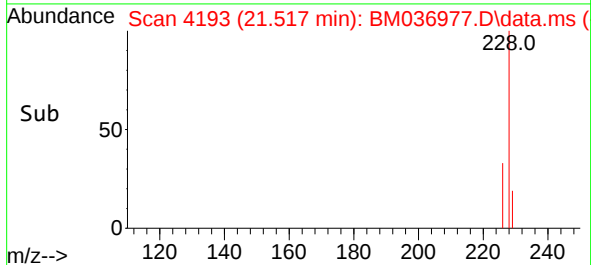
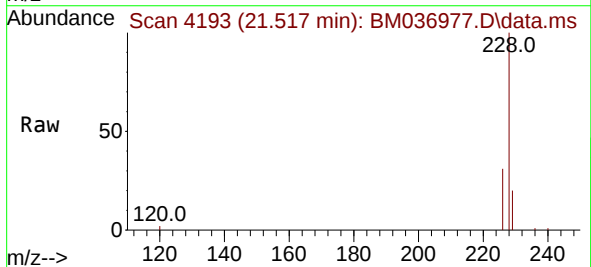


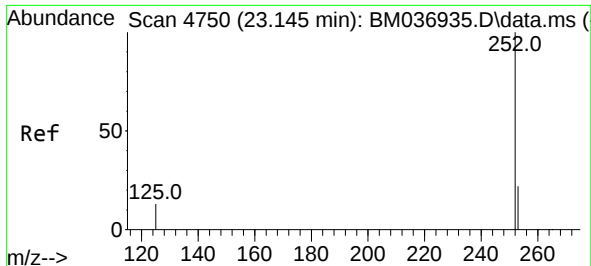
Tgt Ion:228 Resp: 43809
Ion Ratio Lower Upper
228 100
229 20.2 16.2 24.2
226 28.5 22.5 33.7



#22
Chrysene
Concen: 0.767 ng/ul
RT: 21.517 min Scan# 4193
Delta R.T. -0.003 min
Lab File: BM036977.D
Acq: 12 Oct 2022 10:59

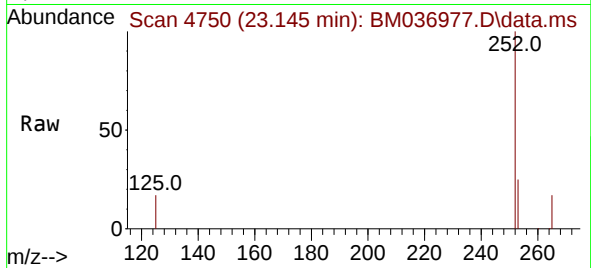
Tgt Ion:228 Resp: 62552
Ion Ratio Lower Upper
228 100
226 31.0 24.6 37.0
229 20.3 16.4 24.6



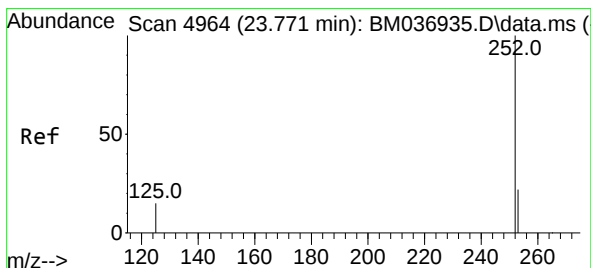
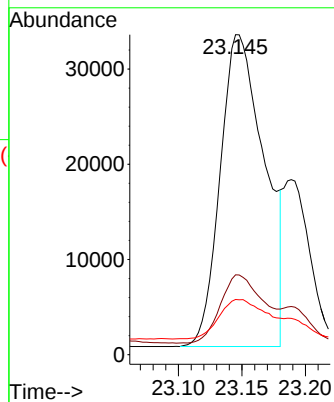
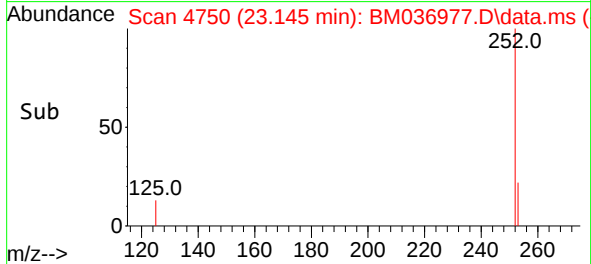


#24
Benzo(b)fluoranthene
Concen: 1.093 ng/ul
RT: 23.145 min Scan# 4750
Delta R.T. -0.000 min
Lab File: BM036977.D
Acq: 12 Oct 2022 10:59

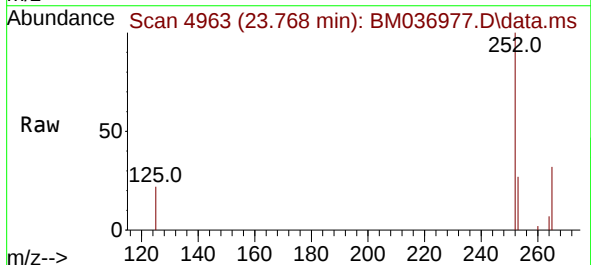
Instrument :
BNA_M
ClientSampleId :



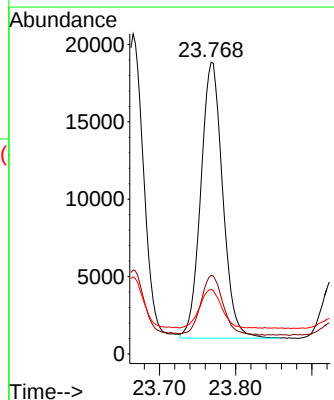
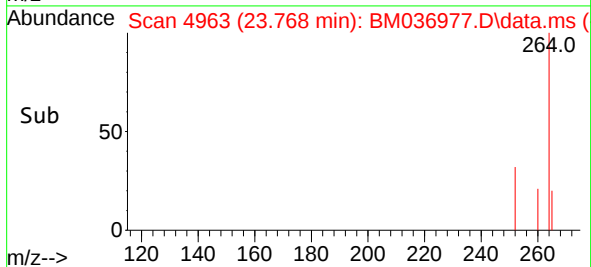
Tgt Ion:252 Resp: 79419
Ion Ratio Lower Upper
252 100
253 25.0 0.0 61.4
125 17.2 0.0 42.6

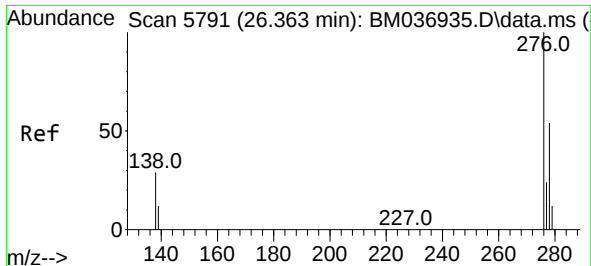


#26
Benzo(a)pyrene
Concen: 0.604 ng/ul
RT: 23.768 min Scan# 4963
Delta R.T. -0.003 min
Lab File: BM036977.D
Acq: 12 Oct 2022 10:59



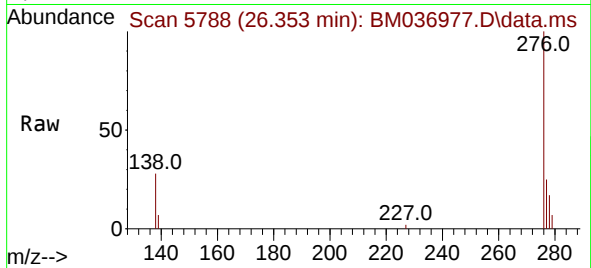
Tgt Ion:252 Resp: 35590
Ion Ratio Lower Upper
252 100
253 26.9 29.7 44.5#
125 22.1 23.6 35.4#



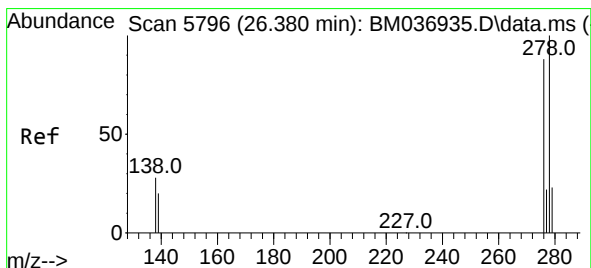
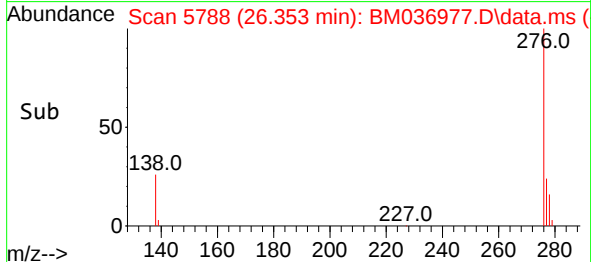
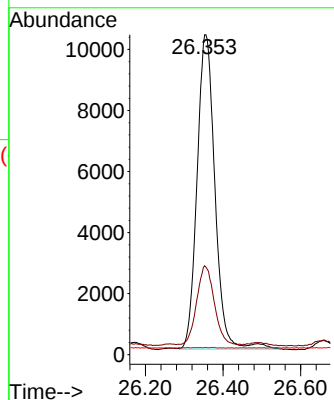


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.395 ng/ul
RT: 26.353 min Scan# 5788
Delta R.T. -0.010 min
Lab File: BM036977.D
Acq: 12 Oct 2022 10:59

Instrument :
BNA_M
ClientSampleId :

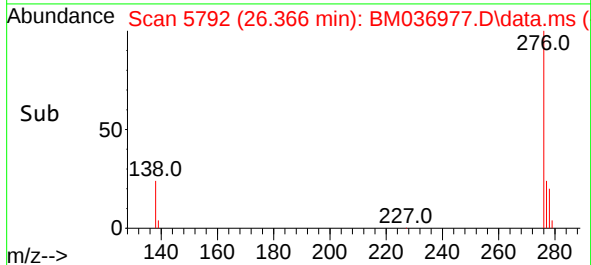
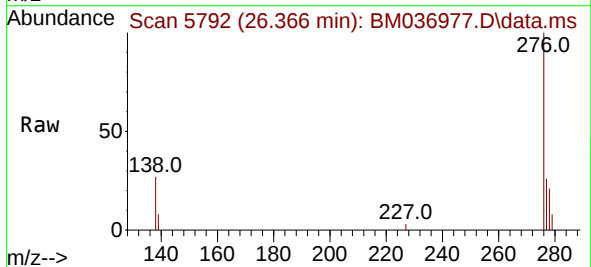
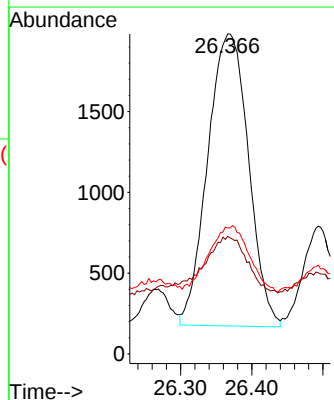


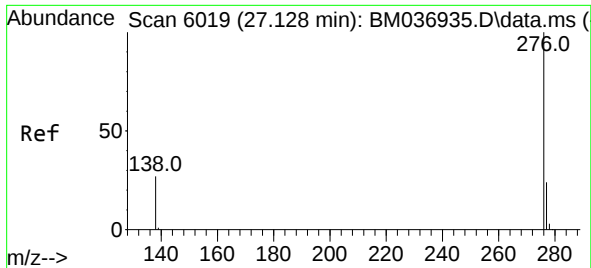
Tgt Ion:276 Resp: 32957
Ion Ratio Lower Upper
276 100
138 25.2 23.9 35.9
227 0.1 0.1 0.1#



#28
Dibenzo(a,h)anthracene
Concen: 0.107 ng/ul
RT: 26.366 min Scan# 5792
Delta R.T. -0.014 min
Lab File: BM036977.D
Acq: 12 Oct 2022 10:59

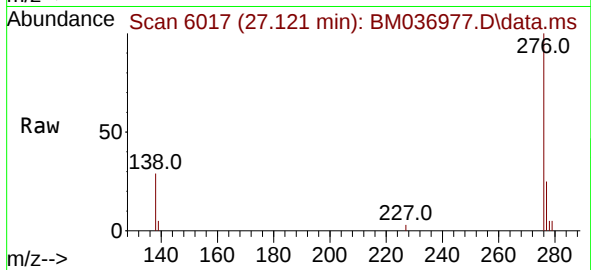
Tgt Ion:278 Resp: 7200
Ion Ratio Lower Upper
278 100
139 36.8 19.8 29.6#
279 39.4 27.7 41.5





#29
 Benzo(g,h,i)perylene
 Concen: 0.395 ng/ul
 RT: 27.121 min Scan# 6017
 Delta R.T. -0.007 min
 Lab File: BM036977.D
 Acq: 12 Oct 2022 10:59

Instrument :
 BNA_M
 ClientSampleId :



Tgt Ion:	276	Resp:	29026
Ion	Ratio	Lower	Upper
276	100		
138	28.6	23.4	35.0
277	25.2	21.0	31.4

