

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101022\
 Data File : BM036978.D
 Acq On : 12 Oct 2022 11:35
 Operator : CG/JU
 Sample : N5024-03DL 5X
 Misc :
 ALS Vial : 82 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Oct 12 23:09:20 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)

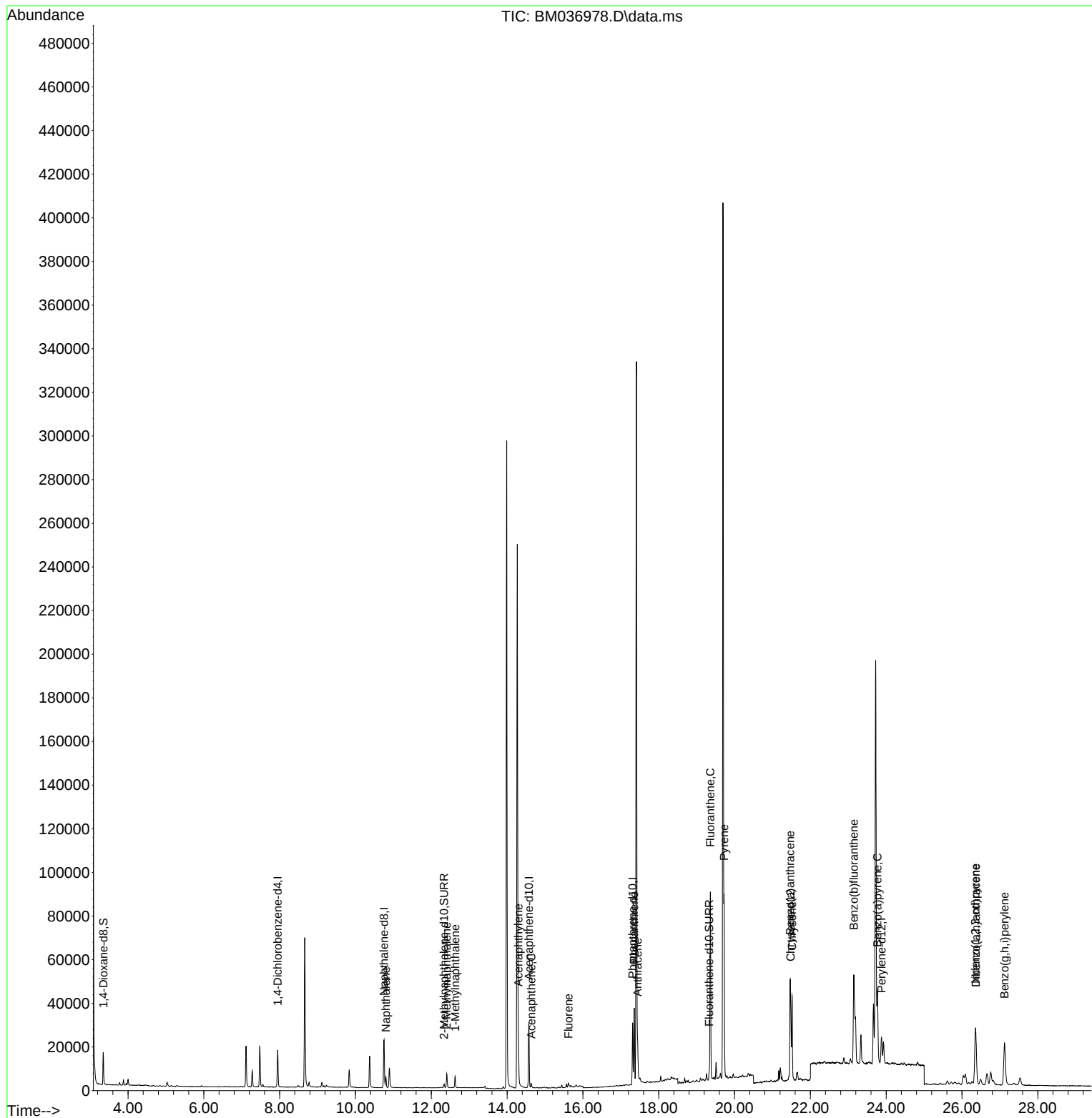
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.947	152	8475	0.400	ng/ul	0.00
4) Naphthalene-d8	10.754	136	30236	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.576	164	16232	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.314	188	32741	0.400	ng/ul	0.00
17) Chrysene-d12	21.481	240	19175	0.400	ng/ul	# 0.00
23) Perylene-d12	23.878	264	16695	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.348	96	9366	0.784	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.338	152	2436	0.053	ng/ul	0.00
18) Fluoranthene-d10	19.332	212	4505	0.079	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.803	128	6897	0.080	ng/ul	99
7) 2-Methylnaphthalene	12.409	142	4742	0.090	ng/ul	93
8) 1-Methylnaphthalene	12.629	142	3728	0.069	ng/ul	100
10) Acenaphthylene	14.298	152	25296	0.375	ng/ul	99
11) Acenaphthene	14.636	153	1262	0.022	ng/ul	95
12) Fluorene	15.621	166	1479	0.022	ng/ul#	86
15) Phenanthrene	17.352	178	38004	0.364	ng/ul	99
16) Anthracene	17.445	178	12808	0.147	ng/ul	95
19) Fluoranthene	19.364	202	77251	1.013	ng/ul	97
20) Pyrene	19.727	202	65609	0.825	ng/ul	96
21) Benzo(a)anthracene	21.467	228	36031	0.520	ng/ul	93
22) Chrysene	21.516	228	39801	0.535	ng/ul#	96
24) Benzo(b)fluoranthene	23.147	252	73826	0.990	ng/ul	94
26) Benzo(a)pyrene	23.770	252	45357	0.750	ng/ul#	88
27) Indeno(1,2,3-cd)pyrene	26.355	276	44352	0.517	ng/ul#	93
28) Dibenzo(a,h)anthracene	26.365	278	11038	0.159	ng/ul#	85
29) Benzo(g,h,i)perylene	27.123	276	42082	0.557	ng/ul	99

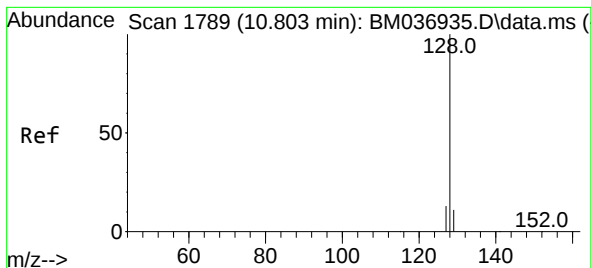
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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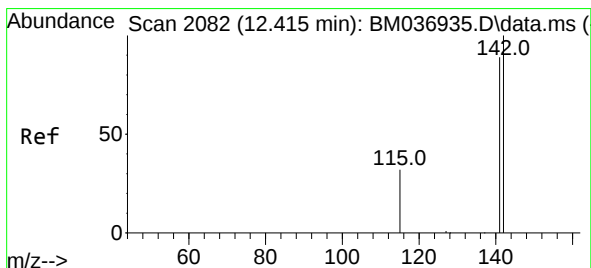
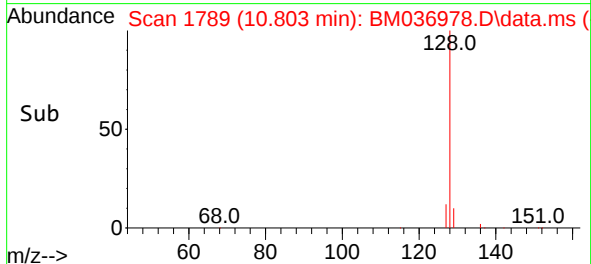
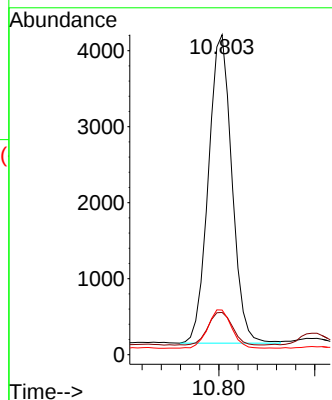
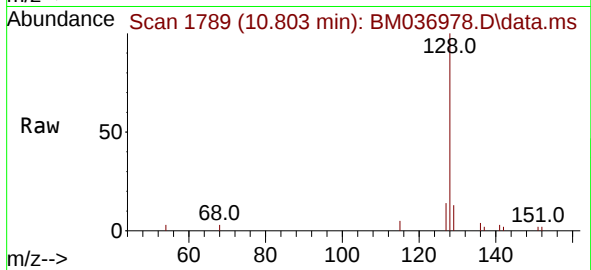




#5
Naphthalene
Concen: 0.080 ng/ul
RT: 10.803 min Scan# 1789
Delta R.T. -0.000 min
Lab File: BM036978.D
Acq: 12 Oct 2022 11:35

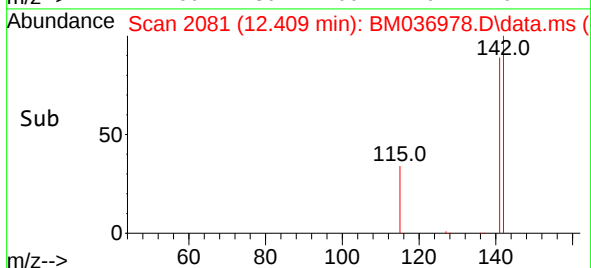
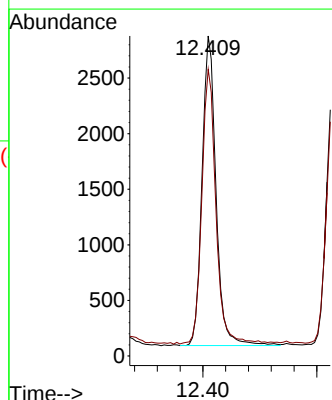
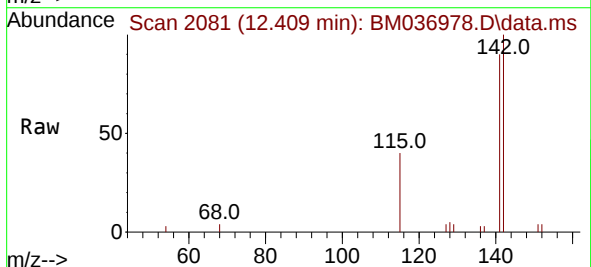
Instrument :
BNA_M
ClientSampleId :

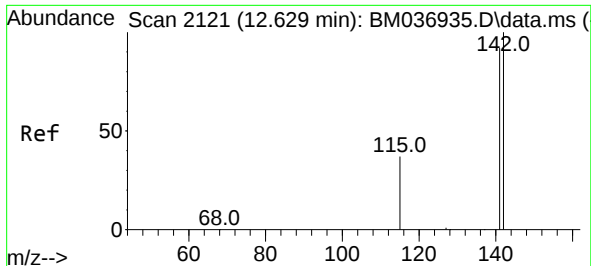
Tgt Ion:128 Resp: 6897
Ion Ratio Lower Upper
128 100
129 13.2 10.2 15.2
127 13.9 11.7 17.5



#7
2-Methylnaphthalene
Concen: 0.090 ng/ul
RT: 12.409 min Scan# 2081
Delta R.T. -0.006 min
Lab File: BM036978.D
Acq: 12 Oct 2022 11:35

Tgt Ion:142 Resp: 4742
Ion Ratio Lower Upper
142 100
141 89.6 77.4 116.0

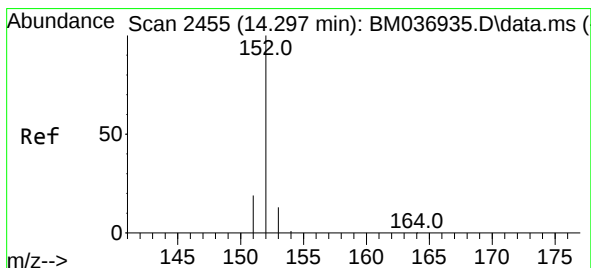
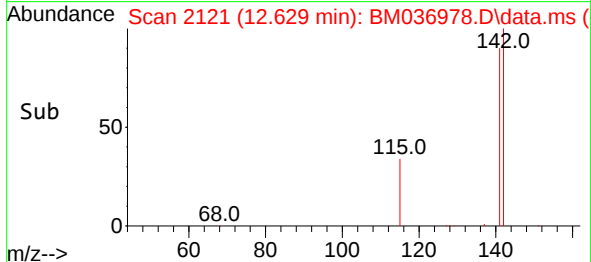
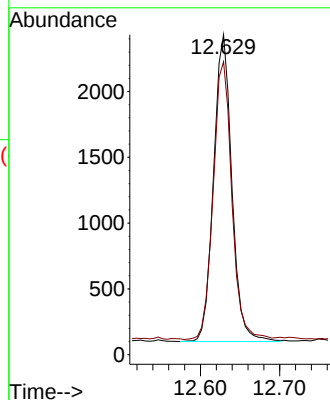
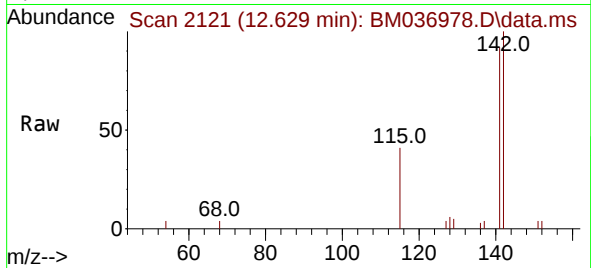




#8
1-Methylnaphthalene
Concen: 0.069 ng/ul
RT: 12.629 min Scan# 2121
Delta R.T. -0.000 min
Lab File: BM036978.D
Acq: 12 Oct 2022 11:35

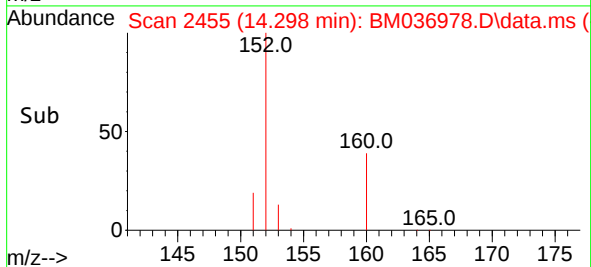
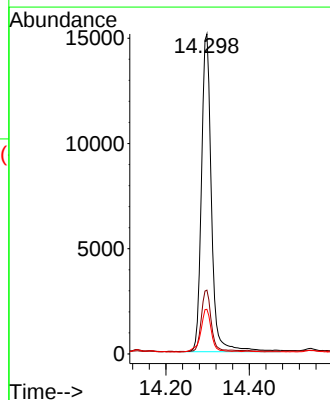
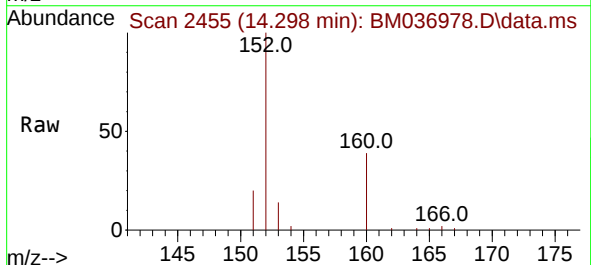
Instrument :
BNA_M
ClientSampleId :

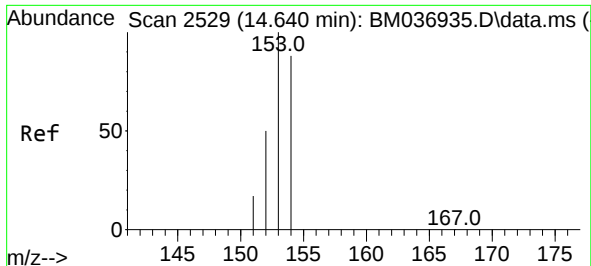
Tgt Ion:142 Resp: 3728
Ion Ratio Lower Upper
142 100
141 92.4 74.1 111.1



#10
Acenaphthylene
Concen: 0.375 ng/ul
RT: 14.298 min Scan# 2455
Delta R.T. 0.001 min
Lab File: BM036978.D
Acq: 12 Oct 2022 11:35

Tgt Ion:152 Resp: 25296
Ion Ratio Lower Upper
152 100
151 19.9 16.6 24.8
153 13.9 11.4 17.0

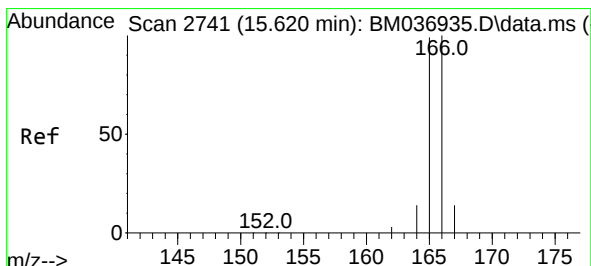
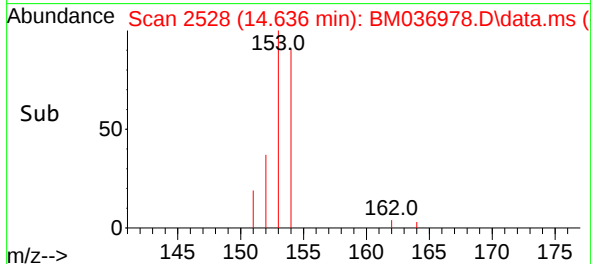
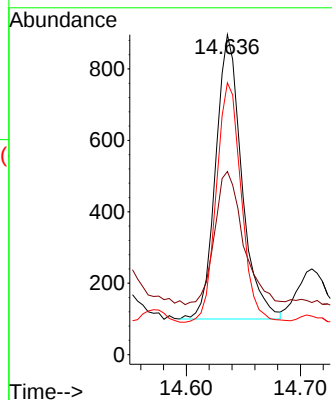
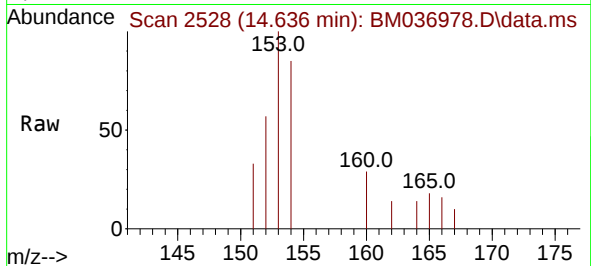




#11
Acenaphthene
Concen: 0.022 ng/ul
RT: 14.636 min Scan# 2528
Delta R.T. -0.004 min
Lab File: BM036978.D
Acq: 12 Oct 2022 11:35

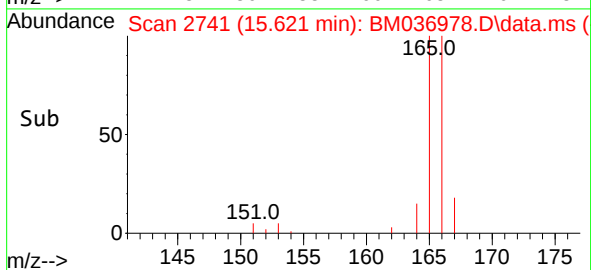
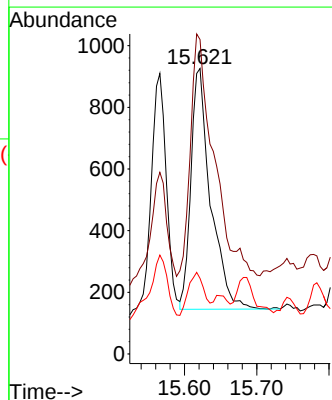
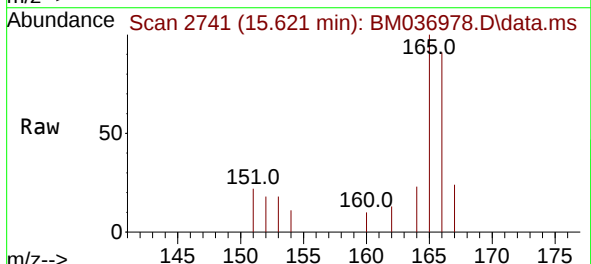
Instrument :
BNA_M
ClientSampleId :

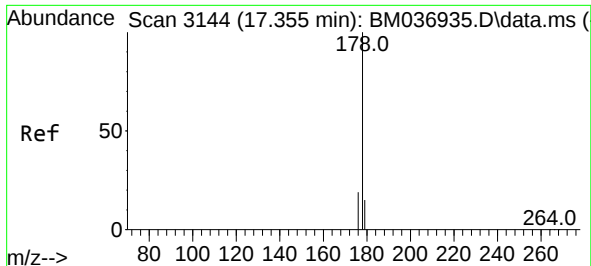
Tgt Ion:153 Resp: 1262
Ion Ratio Lower Upper
153 100
152 57.3 40.2 60.4
154 84.9 69.7 104.5



#12
Fluorene
Concen: 0.022 ng/ul
RT: 15.621 min Scan# 2741
Delta R.T. 0.001 min
Lab File: BM036978.D
Acq: 12 Oct 2022 11:35

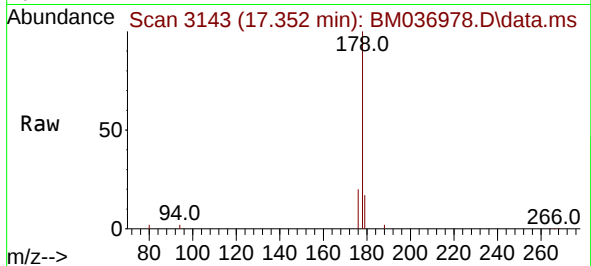
Tgt Ion:166 Resp: 1479
Ion Ratio Lower Upper
166 100
165 110.2 78.9 118.3
167 26.5 11.3 16.9#



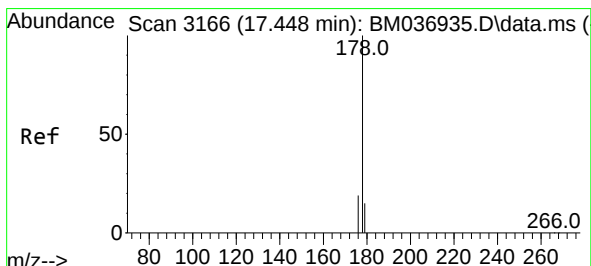
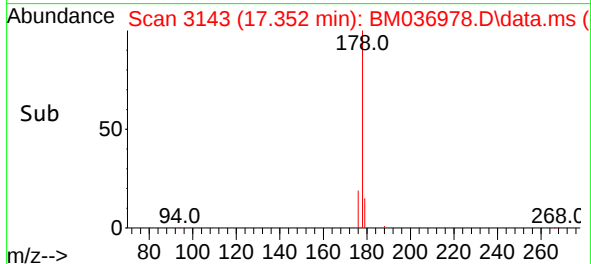
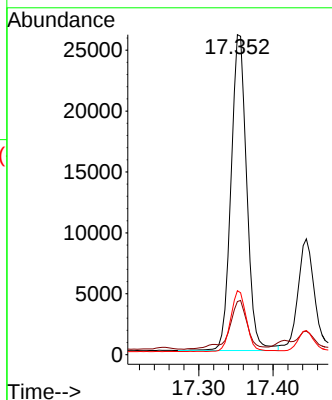


#15
Phenanthrene
Concen: 0.364 ng/ul
RT: 17.352 min Scan# 3143
Delta R.T. -0.003 min
Lab File: BM036978.D
Acq: 12 Oct 2022 11:35

Instrument :
BNA_M
ClientSampleId :

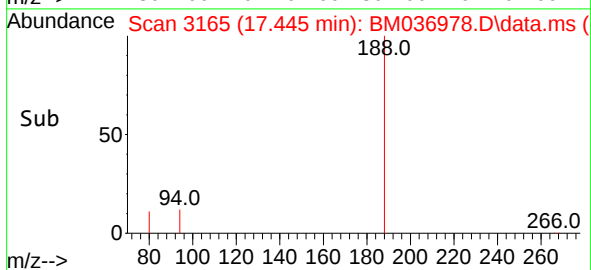
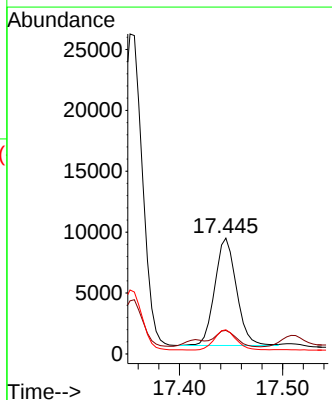
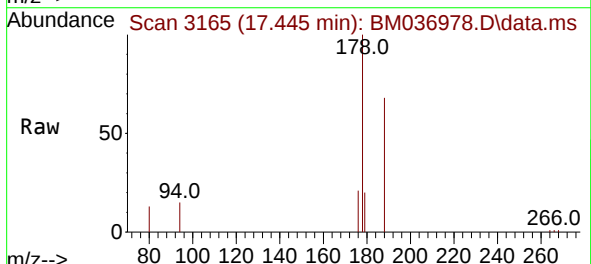


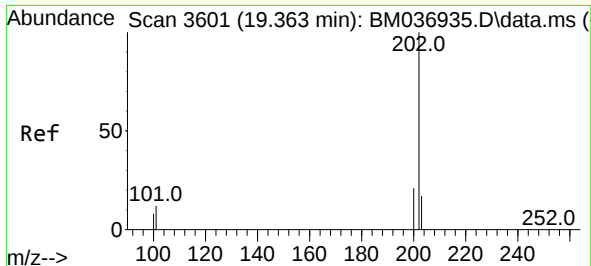
Tgt Ion:178 Resp: 38004
Ion Ratio Lower Upper
178 100
179 16.6 13.0 19.6
176 20.0 15.6 23.4



#16
Anthracene
Concen: 0.147 ng/ul
RT: 17.445 min Scan# 3165
Delta R.T. -0.003 min
Lab File: BM036978.D
Acq: 12 Oct 2022 11:35

Tgt Ion:178 Resp: 12808
Ion Ratio Lower Upper
178 100
179 20.3 13.6 20.4
176 20.9 15.6 23.4

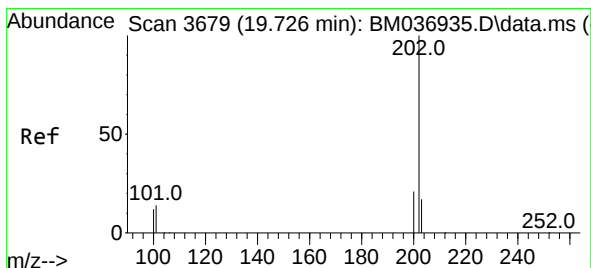
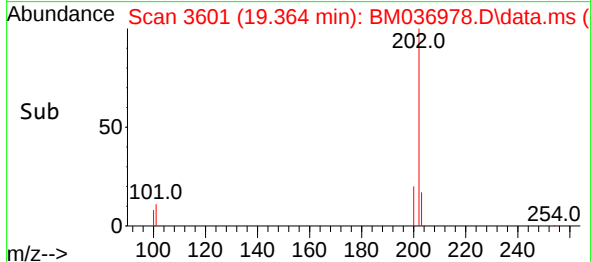
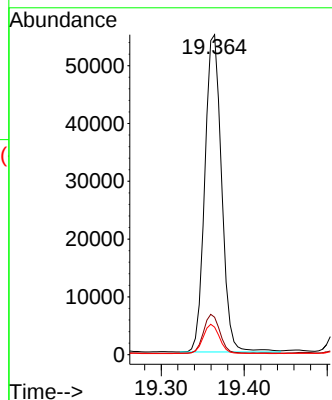
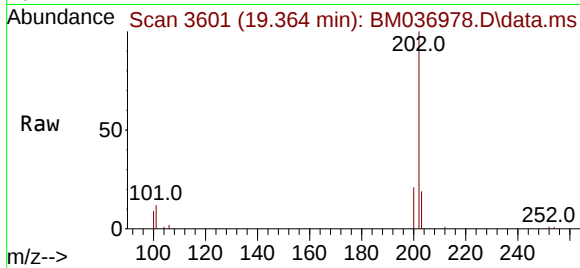




#19
Fluoranthene
Concen: 1.013 ng/ul
RT: 19.364 min Scan# 3601
Delta R.T. 0.001 min
Lab File: BM036978.D
Acq: 12 Oct 2022 11:35

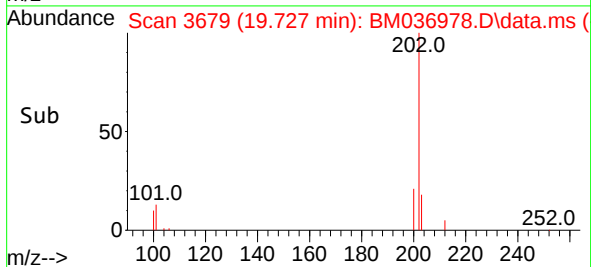
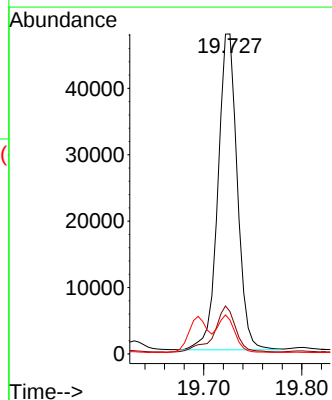
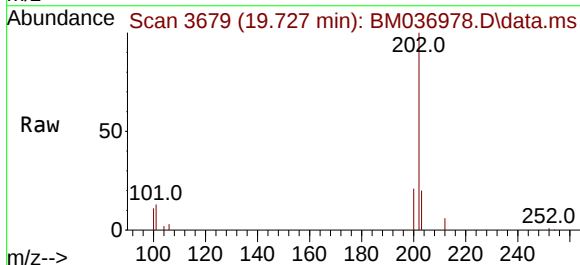
Instrument :
BNA_M
ClientSampleId :

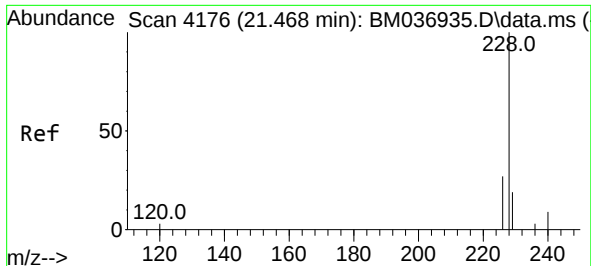
Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.7	10.1	15.1
100	8.6	7.9	11.9



#20
Pyrene
Concen: 0.825 ng/ul
RT: 19.727 min Scan# 3679
Delta R.T. 0.001 min
Lab File: BM036978.D
Acq: 12 Oct 2022 11:35

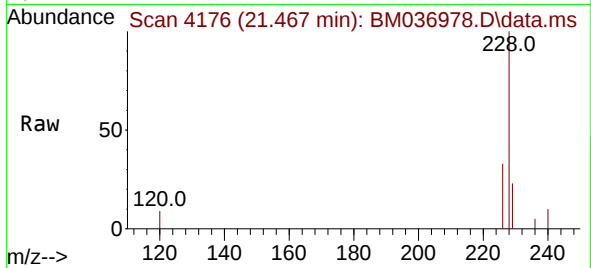
Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.2	12.0	18.0
100	10.6	9.8	14.6



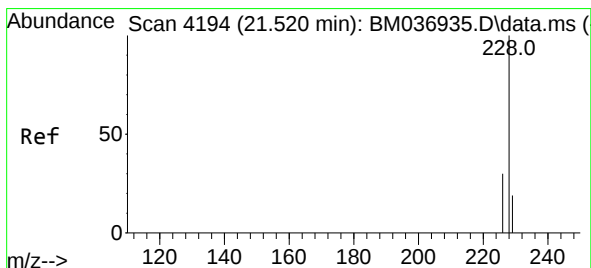
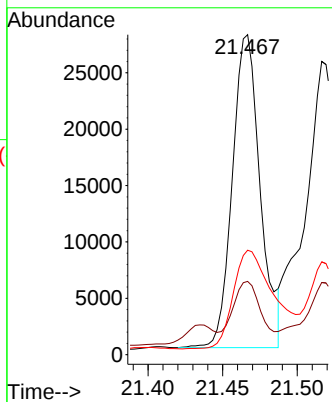
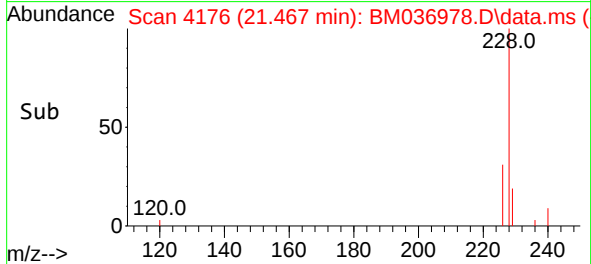


#21
Benzo(a)anthracene
Concen: 0.520 ng/ul
RT: 21.467 min Scan# 4176
Delta R.T. -0.001 min
Lab File: BM036978.D
Acq: 12 Oct 2022 11:35

Instrument :
BNA_M
ClientSampleId :

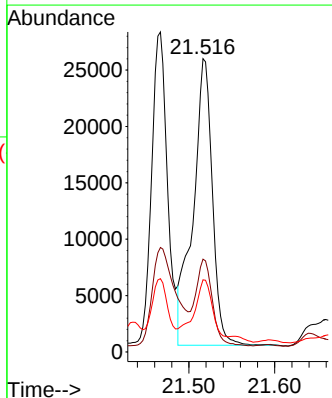
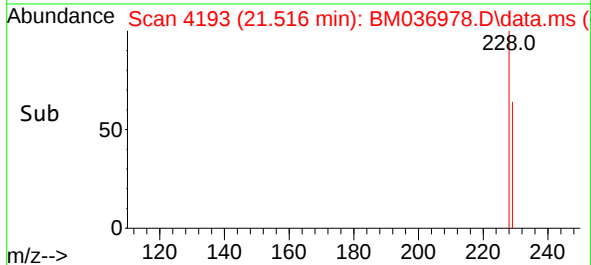
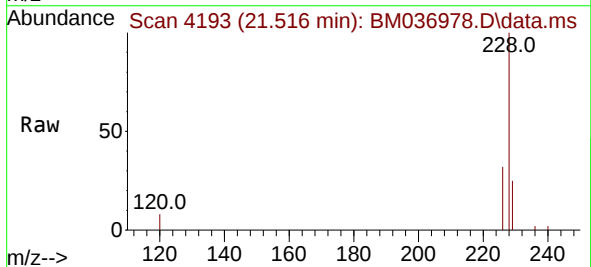


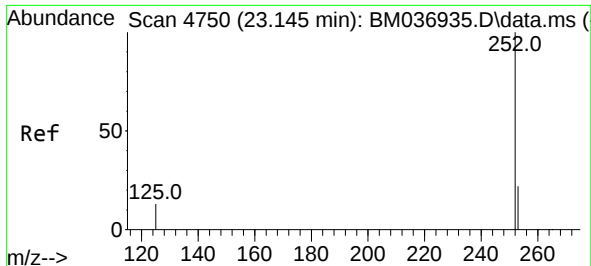
Tgt Ion:228 Resp: 36031
Ion Ratio Lower Upper
228 100
229 22.9 16.2 24.2
226 32.7 22.5 33.7



#22
Chrysene
Concen: 0.535 ng/ul
RT: 21.516 min Scan# 4193
Delta R.T. -0.004 min
Lab File: BM036978.D
Acq: 12 Oct 2022 11:35

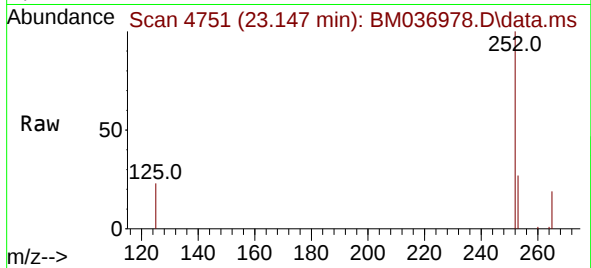
Tgt Ion:228 Resp: 39801
Ion Ratio Lower Upper
228 100
226 31.6 24.6 37.0
229 24.6 16.4 24.6#



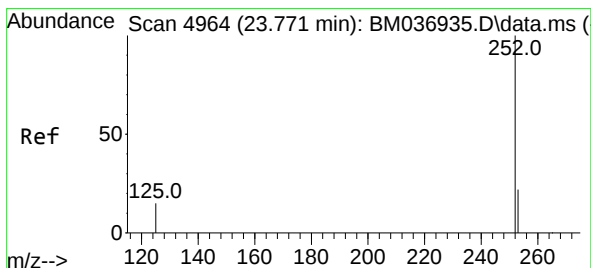
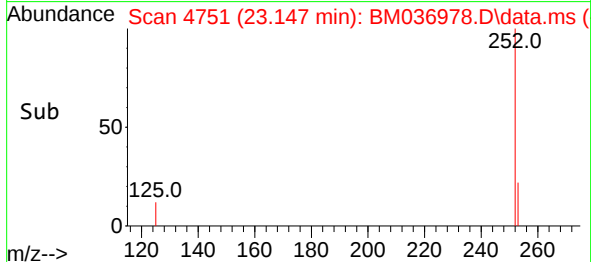
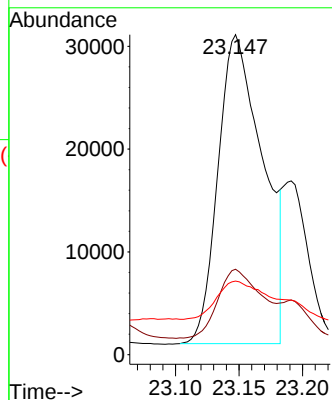


#24
Benzo(b)fluoranthene
Concen: 0.990 ng/ul
RT: 23.147 min Scan# 4750
Delta R.T. 0.002 min
Lab File: BM036978.D
Acq: 12 Oct 2022 11:35

Instrument :
BNA_M
ClientSampleId :

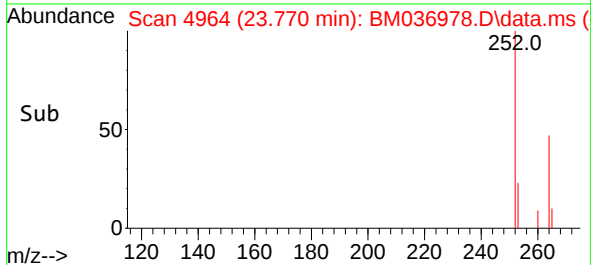
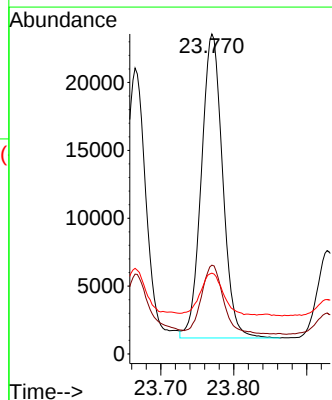
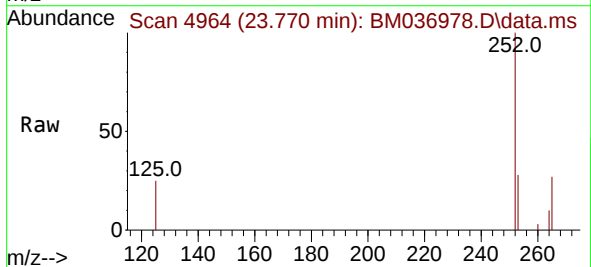


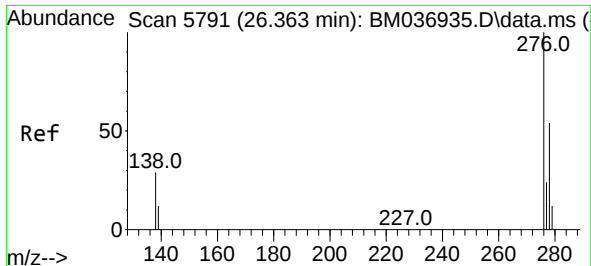
Tgt Ion:252 Resp: 73826
Ion Ratio Lower Upper
252 100
253 26.7 0.0 61.4
125 23.0 0.0 42.6



#26
Benzo(a)pyrene
Concen: 0.750 ng/ul
RT: 23.770 min Scan# 4964
Delta R.T. -0.001 min
Lab File: BM036978.D
Acq: 12 Oct 2022 11:35

Tgt Ion:252 Resp: 45357
Ion Ratio Lower Upper
252 100
253 27.8 29.7 44.5#
125 25.3 23.6 35.4





#27

Indeno(1,2,3-cd)pyrene

Concen: 0.517 ng/ul

RT: 26.355 min Scan# 5789

Delta R.T. -0.008 min

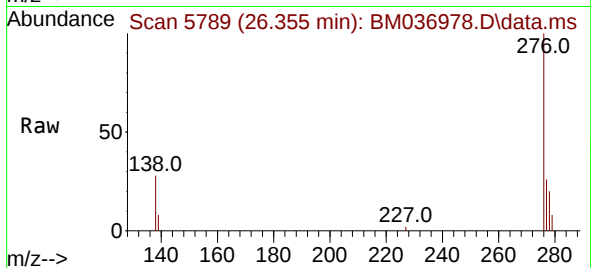
Lab File: BM036978.D

Acq: 12 Oct 2022 11:35

Instrument :

BNA_M

ClientSampleId :



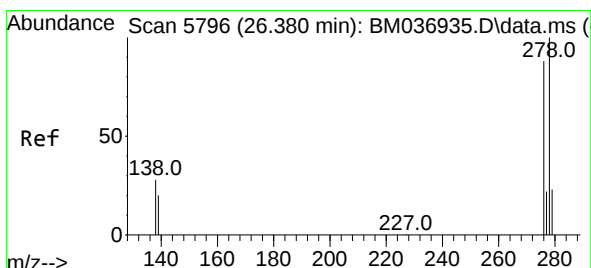
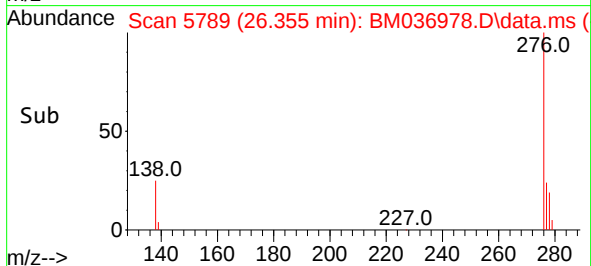
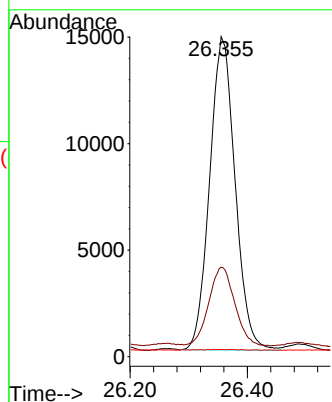
Tgt Ion:276 Resp: 44352

Ion Ratio Lower Upper

276 100

138 25.9 23.9 35.9

227 0.1 0.1 0.1#



#28

Dibenzo(a,h)anthracene

Concen: 0.159 ng/ul

RT: 26.365 min Scan# 5792

Delta R.T. -0.014 min

Lab File: BM036978.D

Acq: 12 Oct 2022 11:35

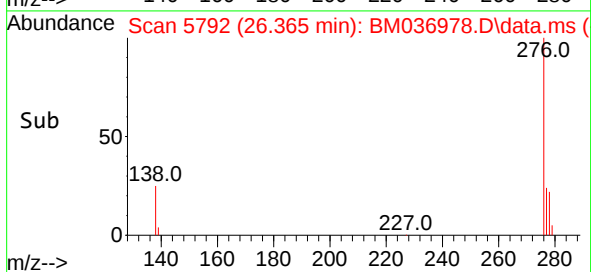
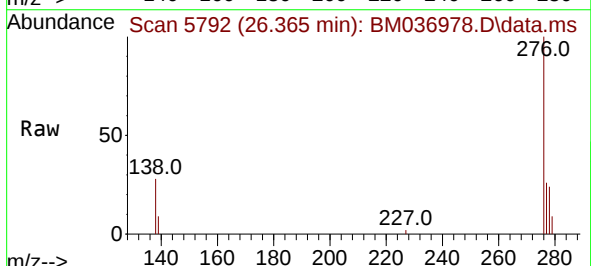
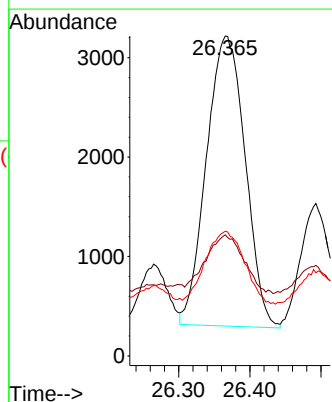
Tgt Ion:278 Resp: 11038

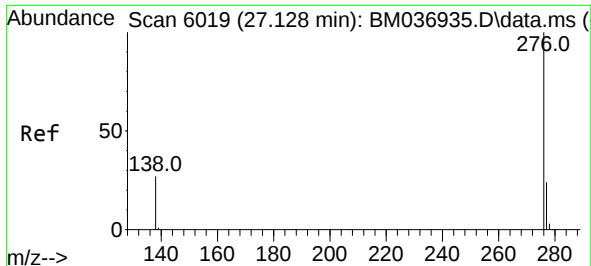
Ion Ratio Lower Upper

278 100

139 37.8 19.8 29.6#

279 39.0 27.7 41.5





#29

Benzo(g,h,i)perylene

Concen: 0.557 ng/ul

RT: 27.123 min Scan# 6018

Delta R.T. -0.004 min

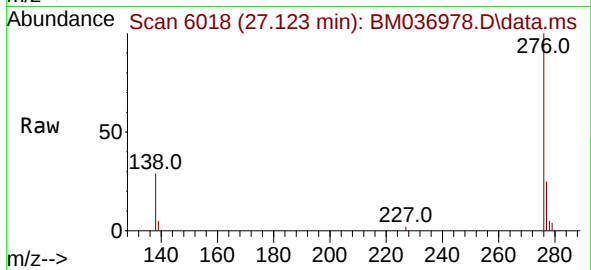
Lab File: BM036978.D

Acq: 12 Oct 2022 11:35

Instrument :

BNA_M

ClientSampleId :



Tgt Ion:276 Resp: 42082

Ion Ratio Lower Upper

276 100

138 28.8 23.4 35.0

277 25.3 21.0 31.4

