

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101022\
 Data File : BM036983.D
 Acq On : 12 Oct 2022 14:41
 Operator : CG/JU
 Sample : N5024-09DL 5X
 Misc :
 ALS Vial : 87 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Oct 12 23:10:42 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)

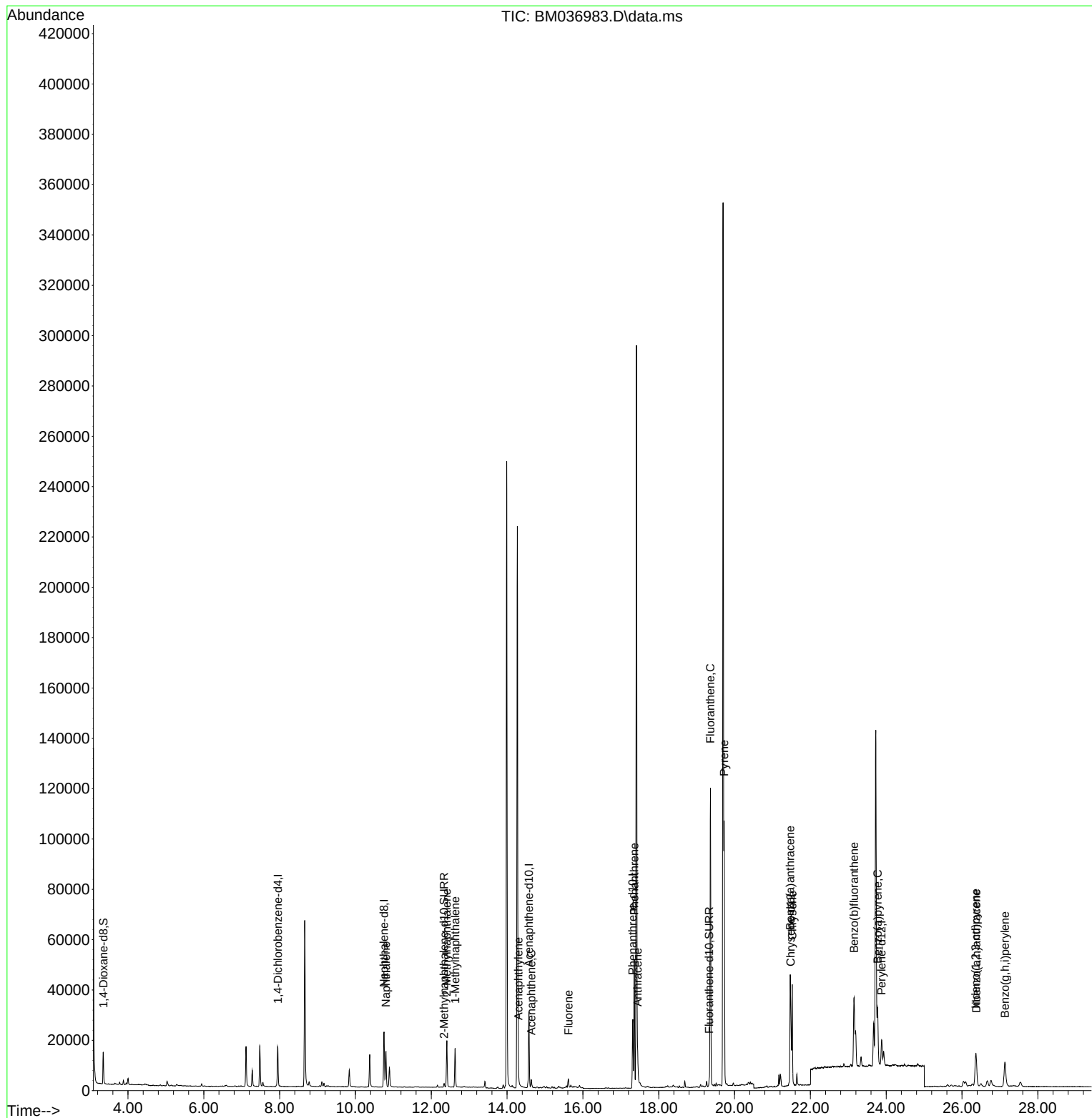
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.951	152	8166	0.400	ng/ul	0.00
4) Naphthalene-d8	10.754	136	29915	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.575	164	16421	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.313	188	32009	0.400	ng/ul	0.00
17) Chrysene-d12	21.482	240	18273	0.400	ng/ul	0.00
23) Perylene-d12	23.879	264	14122	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.348	96	8042	0.698	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.338	152	2199	0.049	ng/ul	0.00
18) Fluoranthene-d10	19.331	212	3568	0.065	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.804	128	19136	0.224	ng/ul	97
7) 2-Methylnaphthalene	12.409	142	13663	0.261	ng/ul	92
8) 1-Methylnaphthalene	12.629	142	10889	0.205	ng/ul	99
10) Acenaphthylene	14.298	152	3738	0.055	ng/ul#	88
11) Acenaphthene	14.635	153	1990	0.034	ng/ul	97
12) Fluorene	15.621	166	1859	0.028	ng/ul#	92
15) Phenanthrene	17.356	178	54218	0.531	ng/ul	99
16) Anthracene	17.444	178	6970	0.082	ng/ul	97
19) Fluoranthene	19.364	202	99244	1.365	ng/ul	98
20) Pyrene	19.726	202	86529	1.142	ng/ul	97
21) Benzo(a)anthracene	21.468	228	34398	0.521	ng/ul	99
22) Chrysene	21.520	228	39760	0.561	ng/ul	99
24) Benzo(b)fluoranthene	23.151	252	48262	0.765	ng/ul	95
26) Benzo(a)pyrene	23.771	252	30828	0.602	ng/ul#	86
27) Indeno(1,2,3-cd)pyrene	26.363	276	23242	0.321	ng/ul	92
28) Dibenzo(a,h)anthracene	26.377	278	5476	0.093	ng/ul#	81
29) Benzo(g,h,i)perylene	27.134	276	22159	0.347	ng/ul	99

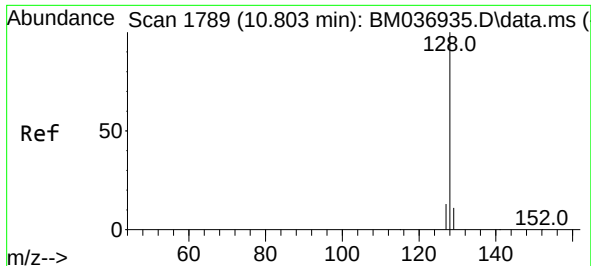
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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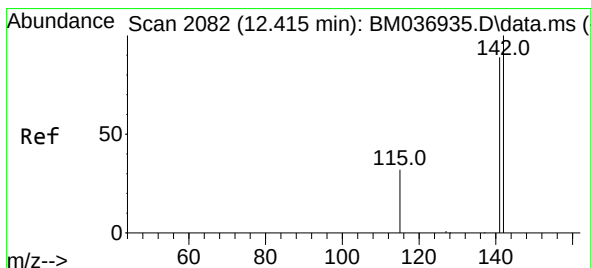
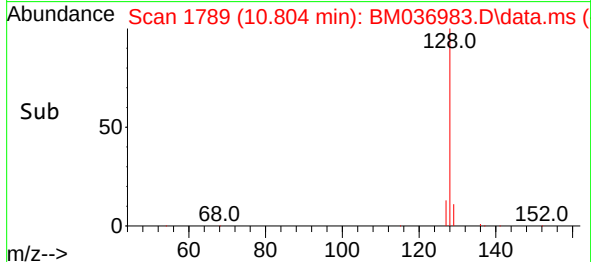
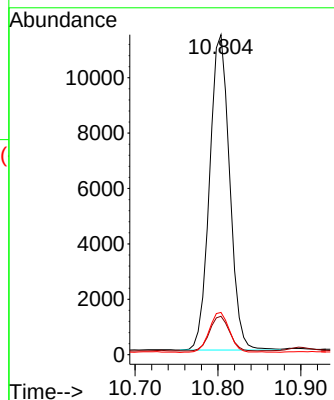
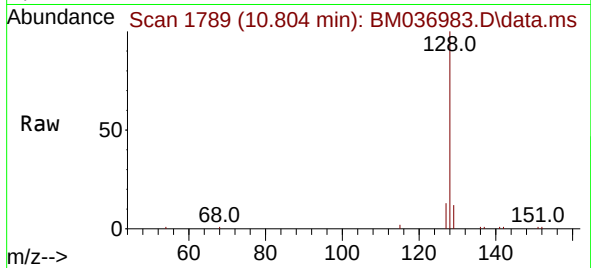




#5
Naphthalene
Concen: 0.224 ng/ul
RT: 10.804 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM036983.D
Acq: 12 Oct 2022 14:41

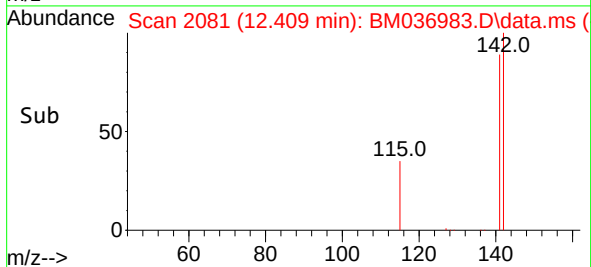
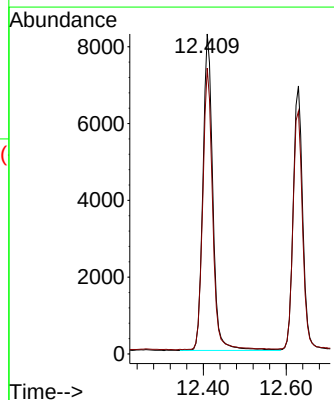
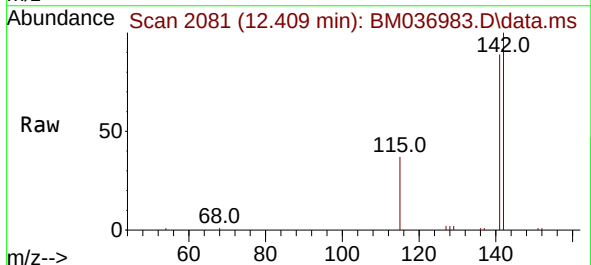
Instrument :
BNA_M
ClientSampleId :

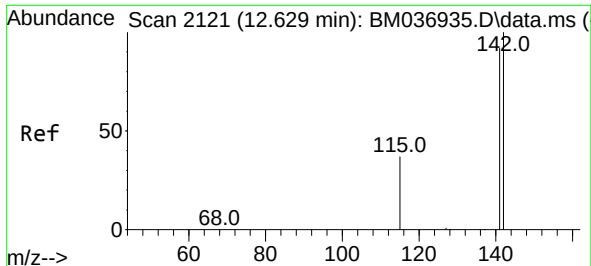
Tgt Ion:128 Resp: 19136
Ion Ratio Lower Upper
128 100
129 12.0 10.2 15.2
127 13.2 11.7 17.5



#7
2-Methylnaphthalene
Concen: 0.261 ng/ul
RT: 12.409 min Scan# 2081
Delta R.T. -0.005 min
Lab File: BM036983.D
Acq: 12 Oct 2022 14:41

Tgt Ion:142 Resp: 13663
Ion Ratio Lower Upper
142 100
141 88.4 77.4 116.0

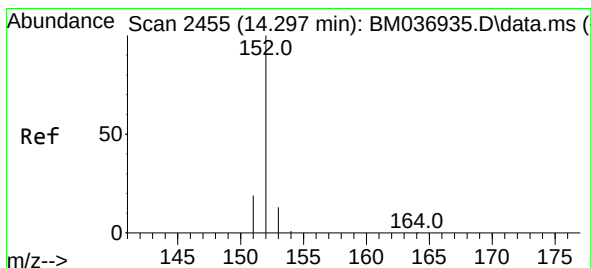
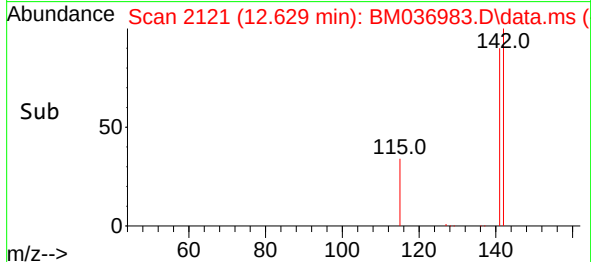
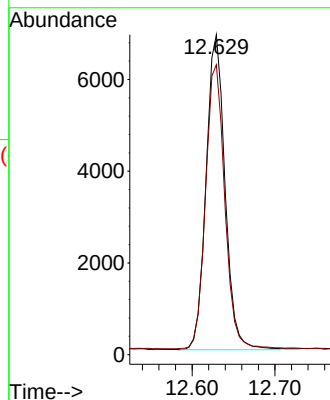
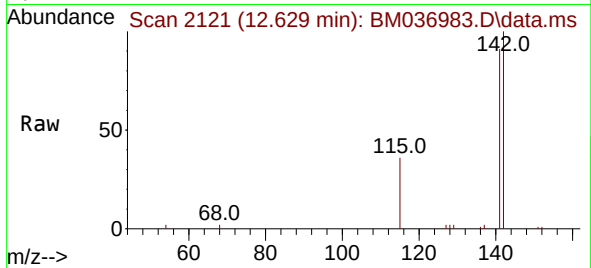




#8
1-Methylnaphthalene
Concen: 0.205 ng/ul
RT: 12.629 min Scan# 2121
Delta R.T. 0.000 min
Lab File: BM036983.D
Acq: 12 Oct 2022 14:41

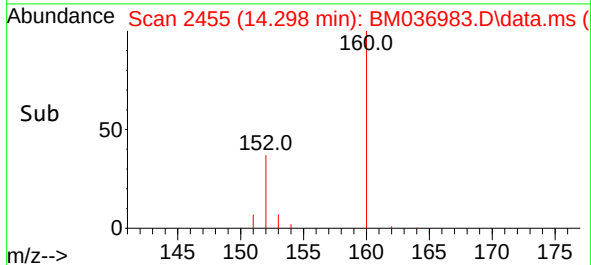
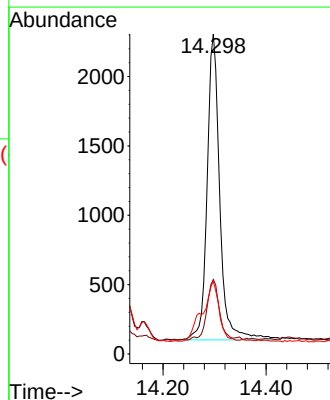
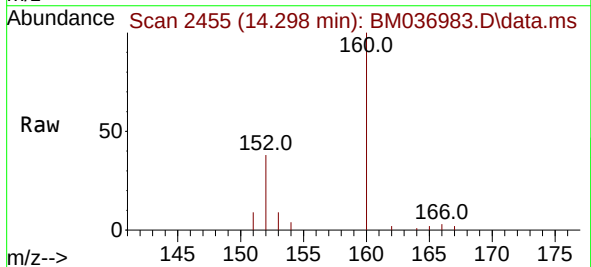
Instrument :
BNA_M
ClientSampleId :

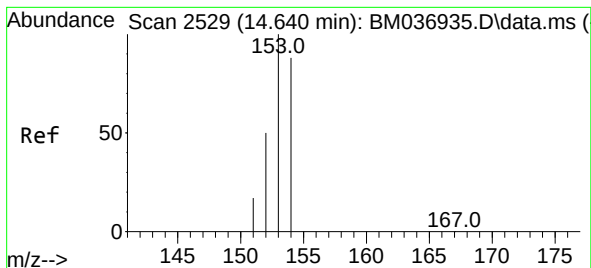
Tgt Ion:142 Resp: 10889
Ion Ratio Lower Upper
142 100
141 91.3 74.1 111.1



#10
Acenaphthylene
Concen: 0.055 ng/ul
RT: 14.298 min Scan# 2455
Delta R.T. 0.000 min
Lab File: BM036983.D
Acq: 12 Oct 2022 14:41

Tgt Ion:152 Resp: 3738
Ion Ratio Lower Upper
152 100
151 23.3 16.6 24.8
153 22.7 11.4 17.0#





#11

Acenaphthene

Concen: 0.034 ng/ul

RT: 14.635 min Scan# 2529

Delta R.T. -0.004 min

Lab File: BM036983.D

Acq: 12 Oct 2022 14:41

Instrument :

BNA_M

ClientSampleId :

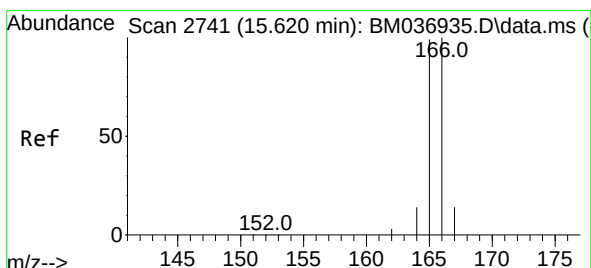
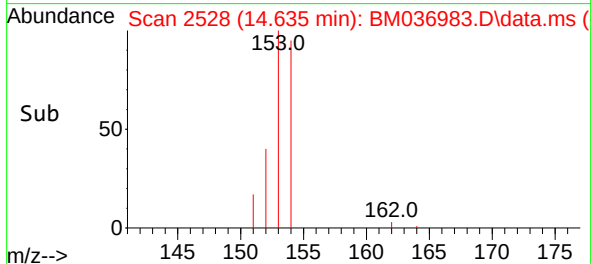
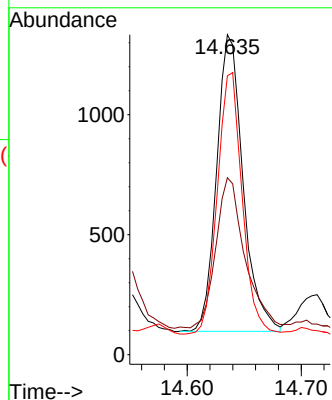
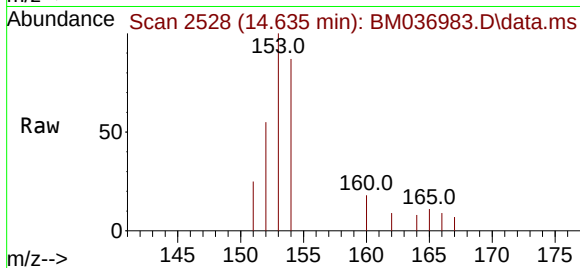
Tgt Ion:153 Resp: 1990

Ion Ratio Lower Upper

153 100

152 55.3 40.2 60.4

154 87.2 69.7 104.5



#12

Fluorene

Concen: 0.028 ng/ul

RT: 15.621 min Scan# 2741

Delta R.T. 0.000 min

Lab File: BM036983.D

Acq: 12 Oct 2022 14:41

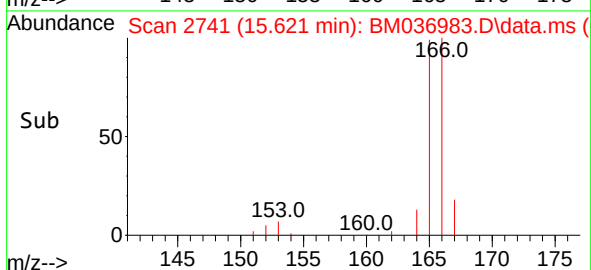
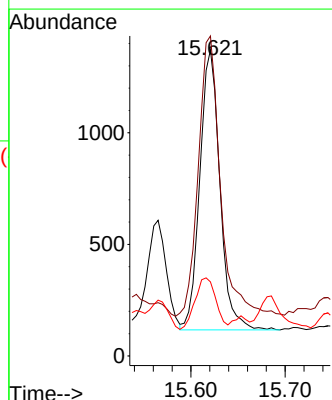
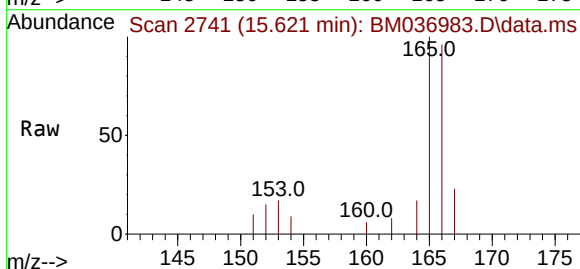
Tgt Ion:166 Resp: 1859

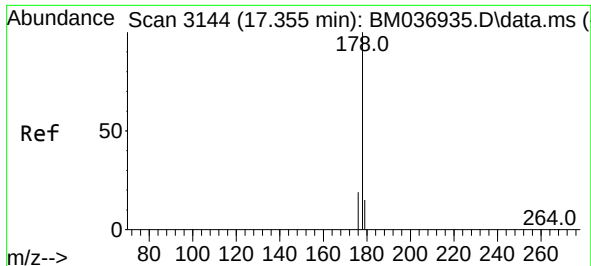
Ion Ratio Lower Upper

166 100

165 104.5 78.9 118.3

167 24.2 11.3 16.9#

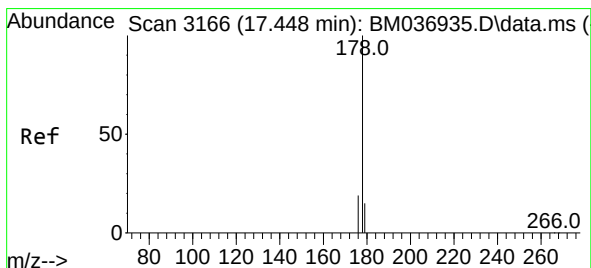
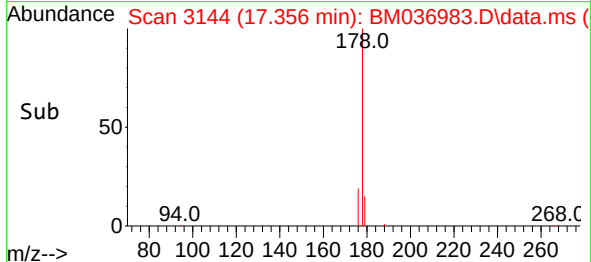
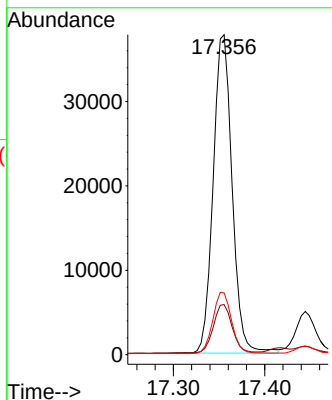
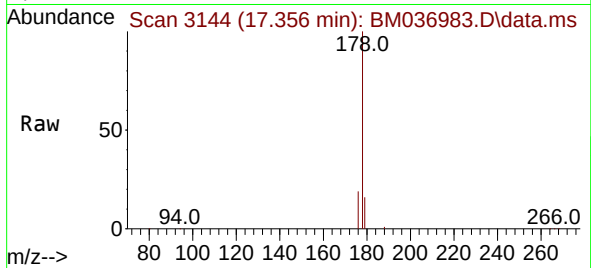




#15
Phenanthrene
Concen: 0.531 ng/ul
RT: 17.356 min Scan# 3144
Delta R.T. 0.000 min
Lab File: BM036983.D
Acq: 12 Oct 2022 14:41

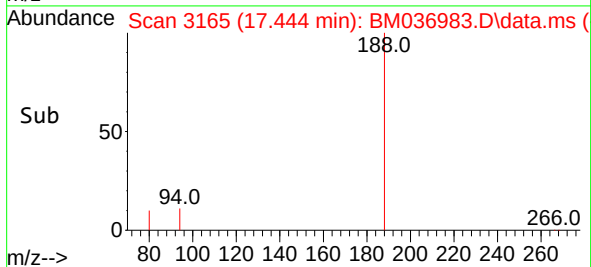
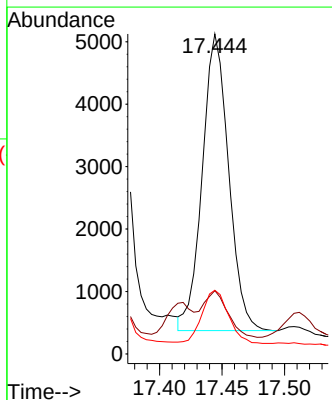
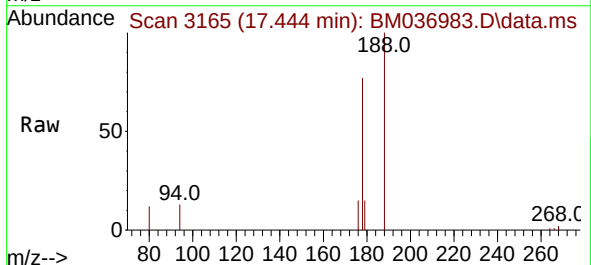
Instrument :
BNA_M
ClientSampleId :

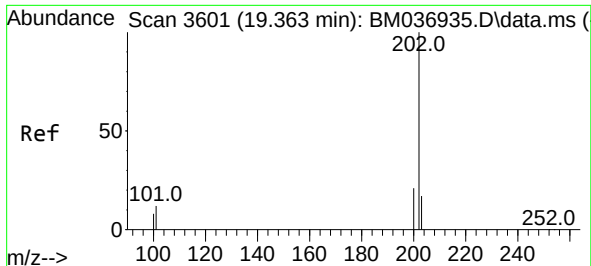
Tgt Ion:178 Resp: 54218
Ion Ratio Lower Upper
178 100
179 15.7 13.0 19.6
176 19.3 15.6 23.4



#16
Anthracene
Concen: 0.082 ng/ul
RT: 17.444 min Scan# 3165
Delta R.T. -0.004 min
Lab File: BM036983.D
Acq: 12 Oct 2022 14:41

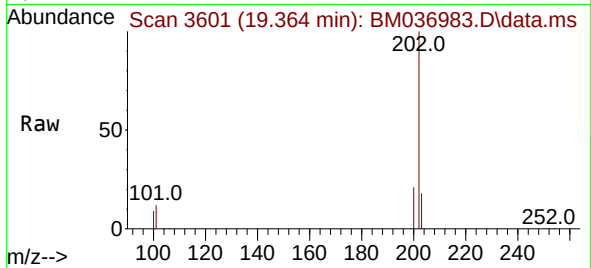
Tgt Ion:178 Resp: 6970
Ion Ratio Lower Upper
178 100
179 19.8 13.6 20.4
176 19.9 15.6 23.4



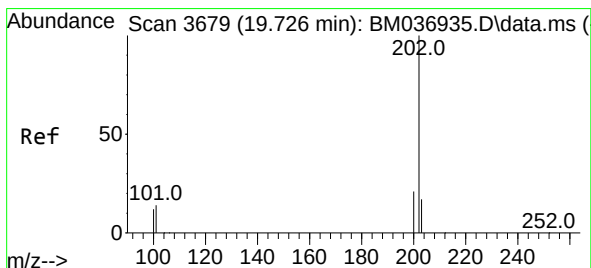
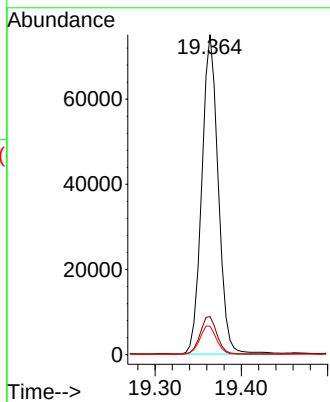
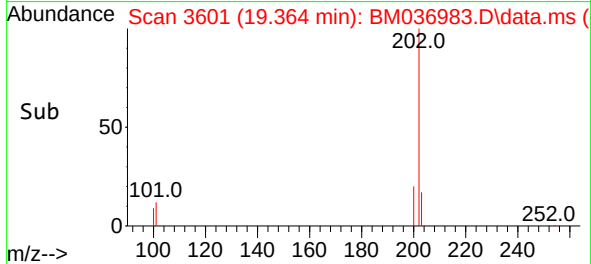


#19
Fluoranthene
Concen: 1.365 ng/ul
RT: 19.364 min Scan# 3601
Delta R.T. 0.000 min
Lab File: BM036983.D
Acq: 12 Oct 2022 14:41

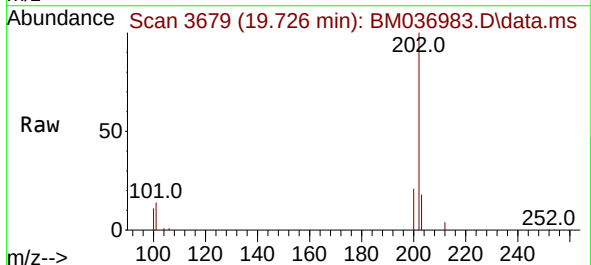
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BNA_M
ClientSampleId :



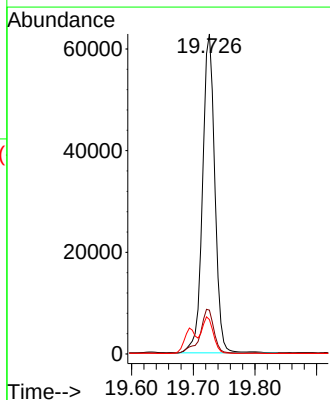
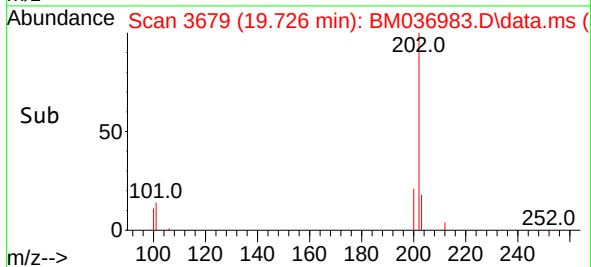
Tgt Ion:202 Resp: 99244
Ion Ratio Lower Upper
202 100
101 11.9 10.1 15.1
100 8.9 7.9 11.9

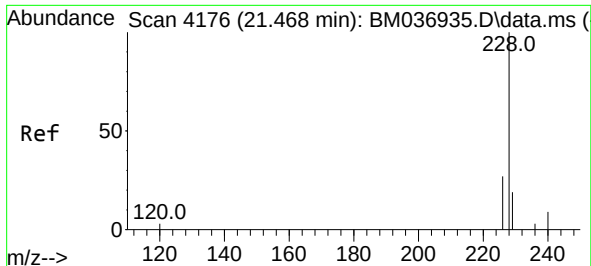


#20
Pyrene
Concen: 1.142 ng/ul
RT: 19.726 min Scan# 3679
Delta R.T. 0.000 min
Lab File: BM036983.D
Acq: 12 Oct 2022 14:41



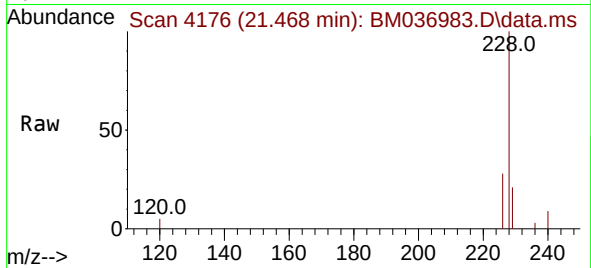
Tgt Ion:202 Resp: 86529
Ion Ratio Lower Upper
202 100
101 13.7 12.0 18.0
100 10.8 9.8 14.6



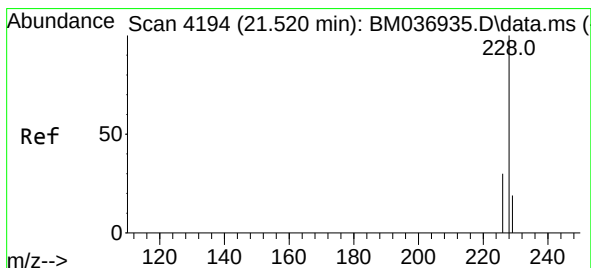
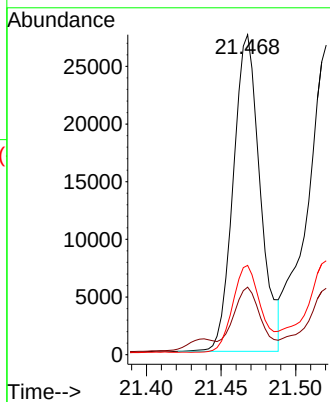
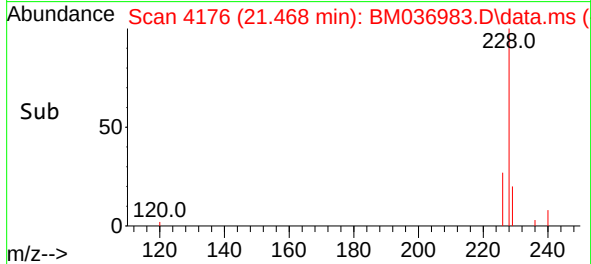


#21
Benzo(a)anthracene
Concen: 0.521 ng/ul
RT: 21.468 min Scan# 4176
Delta R.T. 0.000 min
Lab File: BM036983.D
Acq: 12 Oct 2022 14:41

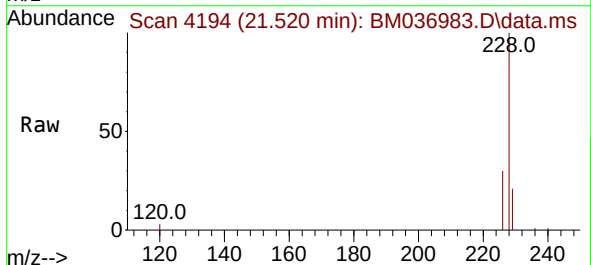
Instrument :
BNA_M
ClientSampleId :



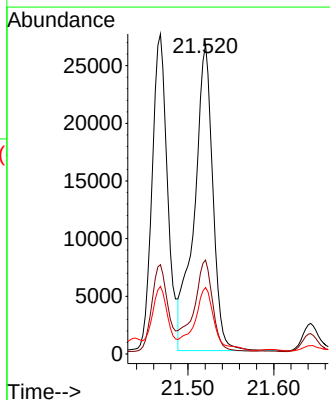
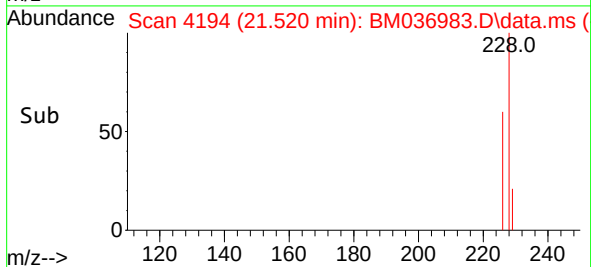
Tgt Ion:228 Resp: 34398
Ion Ratio Lower Upper
228 100
229 21.1 16.2 24.2
226 27.9 22.5 33.7

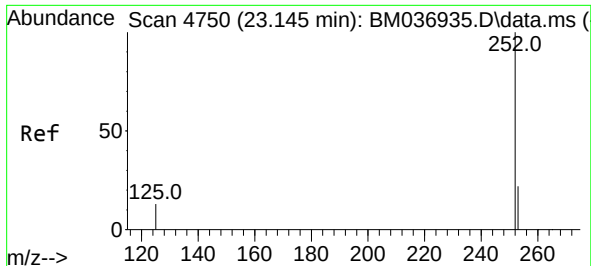


#22
Chrysene
Concen: 0.561 ng/ul
RT: 21.520 min Scan# 4194
Delta R.T. 0.000 min
Lab File: BM036983.D
Acq: 12 Oct 2022 14:41



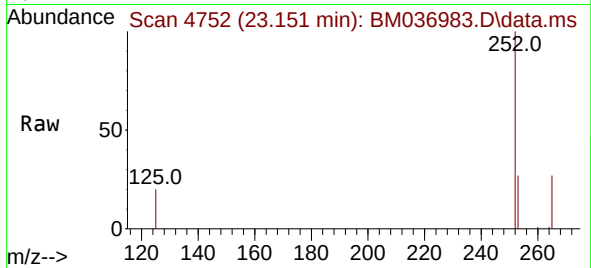
Tgt Ion:228 Resp: 39760
Ion Ratio Lower Upper
228 100
226 30.4 24.6 37.0
229 21.4 16.4 24.6



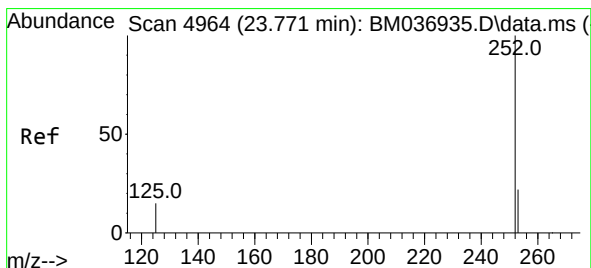
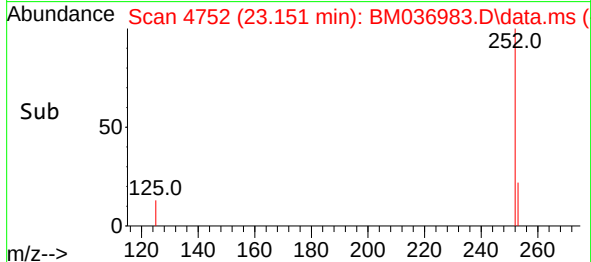
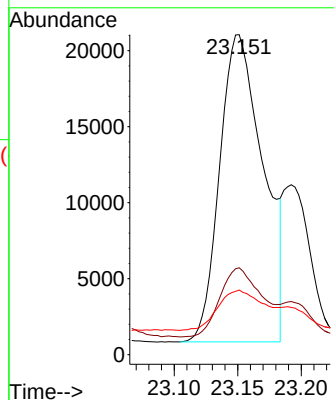


#24
Benzo(b)fluoranthene
Concen: 0.765 ng/ul
RT: 23.151 min Scan# 4752
Delta R.T. 0.006 min
Lab File: BM036983.D
Acq: 12 Oct 2022 14:41

Instrument :
BNA_M
ClientSampleId :

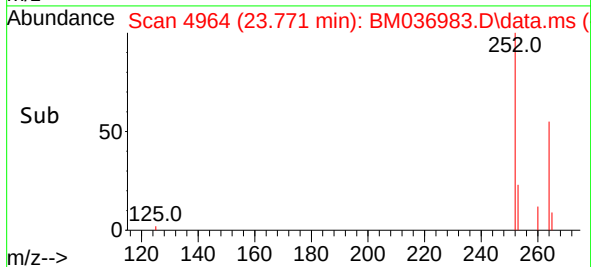
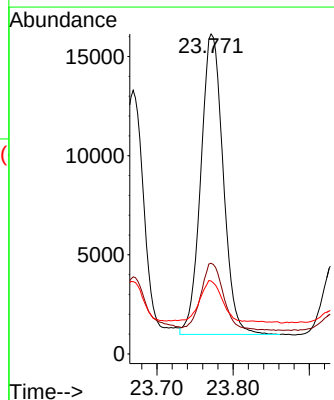
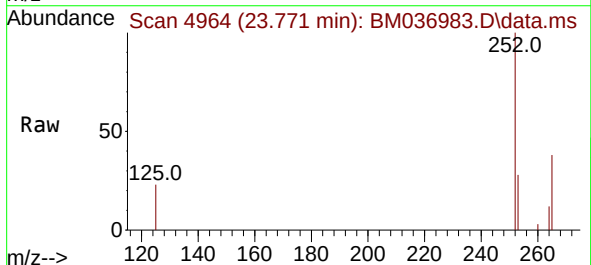


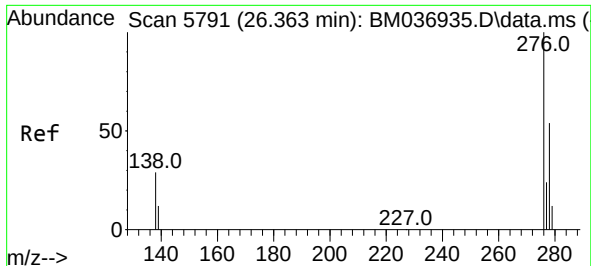
Tgt Ion:252 Resp: 48262
Ion Ratio Lower Upper
252 100
253 27.2 0.0 61.4
125 20.2 0.0 42.6



#26
Benzo(a)pyrene
Concen: 0.602 ng/ul
RT: 23.771 min Scan# 4964
Delta R.T. 0.000 min
Lab File: BM036983.D
Acq: 12 Oct 2022 14:41

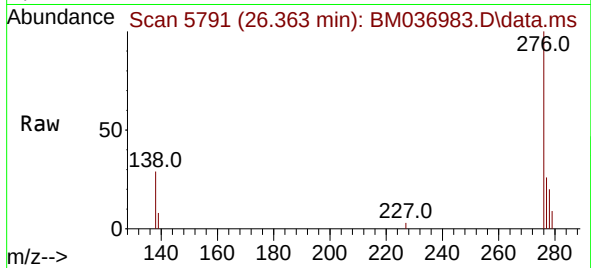
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Ion Ratio Lower Upper
252 100
253 28.4 29.7 44.5#
125 22.8 23.6 35.4#



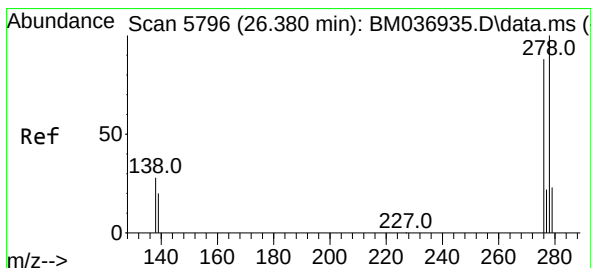
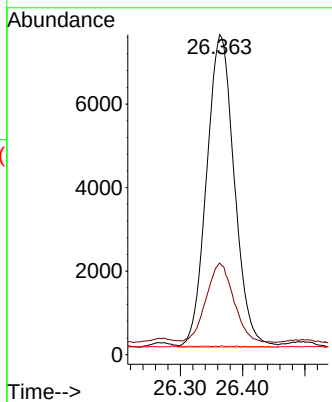
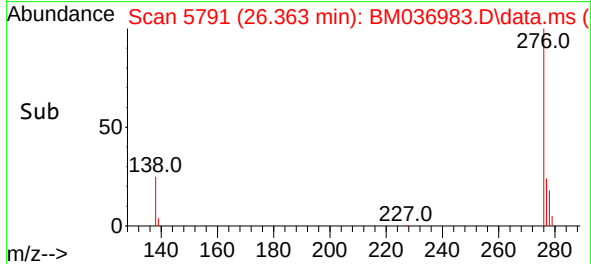


#27
 Indeno(1,2,3-cd)pyrene
 Concen: 0.321 ng/ul
 RT: 26.363 min Scan# 5791
 Delta R.T. 0.000 min
 Lab File: BM036983.D
 Acq: 12 Oct 2022 14:41

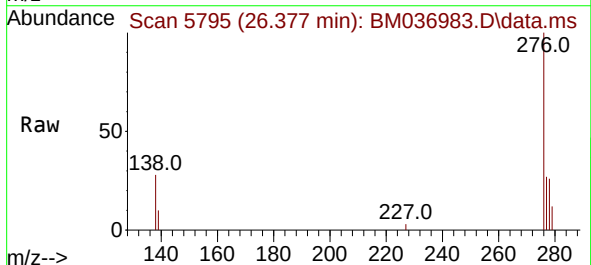
Instrument :
 BNA_M
 ClientSampleId :



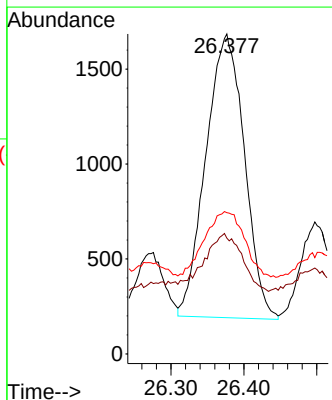
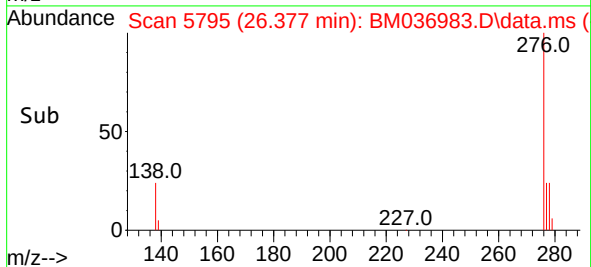
Tgt Ion:276 Resp: 23242
 Ion Ratio Lower Upper
 276 100
 138 25.5 23.9 35.9
 227 0.1 0.1 0.1

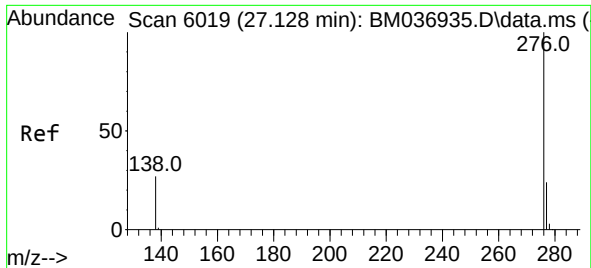


#28
 Dibenzo(a,h)anthracene
 Concen: 0.093 ng/ul
 RT: 26.377 min Scan# 5795
 Delta R.T. -0.003 min
 Lab File: BM036983.D
 Acq: 12 Oct 2022 14:41



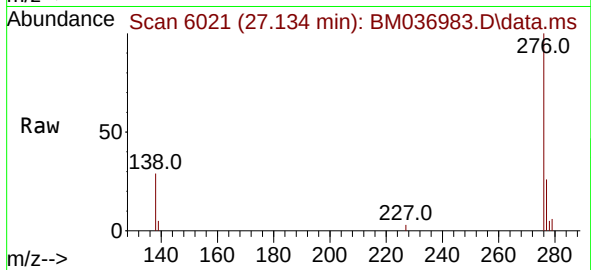
Tgt Ion:278 Resp: 5476
 Ion Ratio Lower Upper
 278 100
 139 36.2 19.8 29.6#
 279 44.2 27.7 41.5#





#29
Benzo(g,h,i)perylene
Concen: 0.347 ng/ul
RT: 27.134 min Scan# 6019
Delta R.T. 0.007 min
Lab File: BM036983.D
Acq: 12 Oct 2022 14:41

Instrument :
BNA_M
ClientSampleId :



Tgt Ion:	276	Resp:	22159
Ion	Ratio	Lower	Upper
276	100		
138	28.7	23.4	35.0
277	25.8	21.0	31.4

