

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101022\
 Data File : BM036951.D
 Acq On : 11 Oct 2022 18:54
 Operator : CG/JU
 Sample : N5024-02
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0BE8

Quant Time: Oct 12 01:27:31 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)

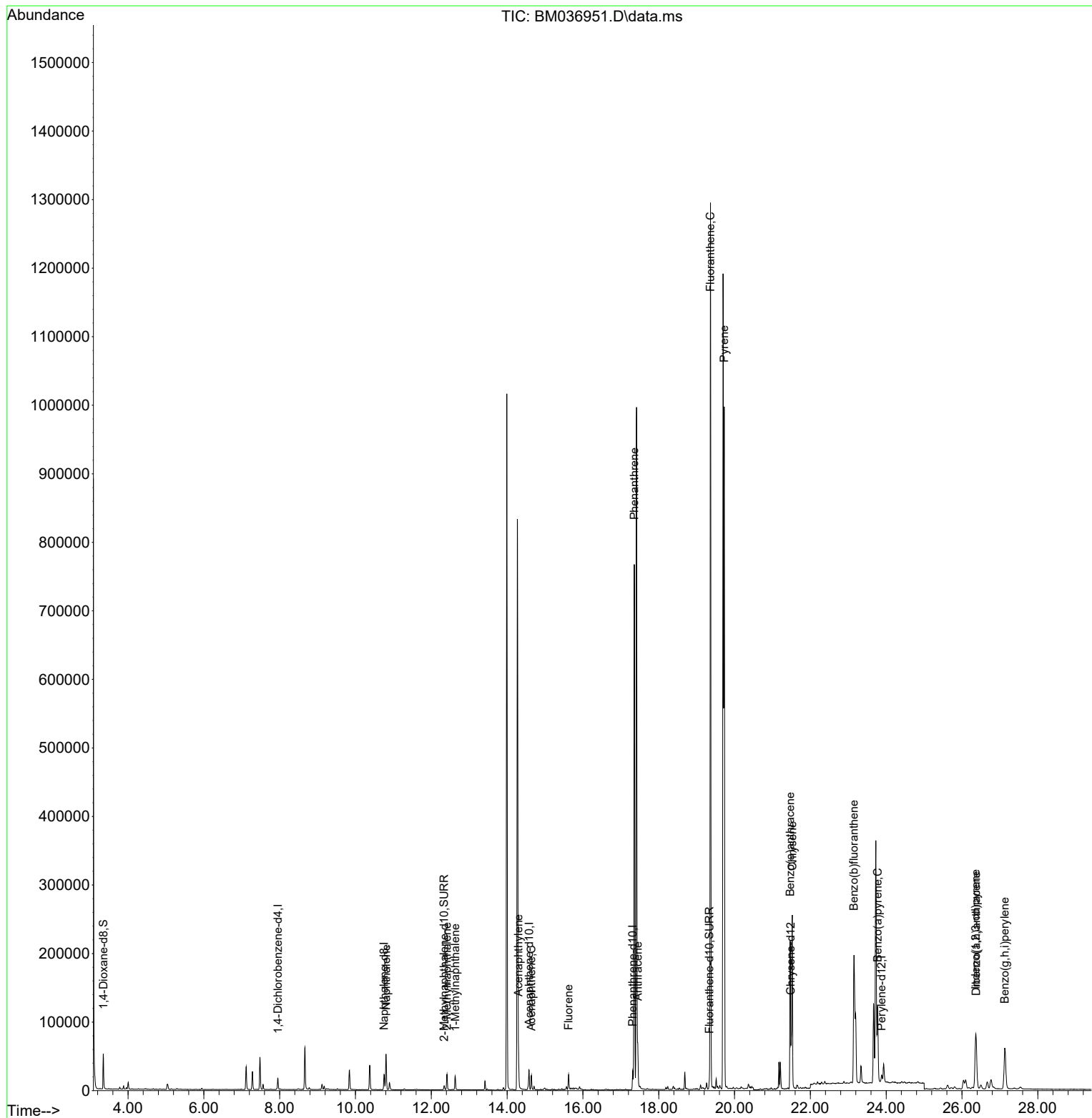
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.951	152	8198	0.400	ng/ul	0.00
4) Naphthalene-d8	10.754	136	29626	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.581	164	15680	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.314	188	31059	0.400	ng/ul	0.00
17) Chrysene-d12	21.484	240	17767	0.400	ng/ul	0.00
23) Perylene-d12	23.881	264	14038	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.348	96	30710	2.656	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.338	152	7878	0.176	ng/ul	0.00
18) Fluoranthene-d10	19.337	212	13225	0.249	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.809	128	72117	0.851	ng/ul	96
7) 2-Methylnaphthalene	12.415	142	16248	0.314	ng/ul	92
8) 1-Methylnaphthalene	12.629	142	13623	0.259	ng/ul	99
10) Acenaphthylene	14.298	152	52751	0.809	ng/ul	98
11) Acenaphthene	14.641	153	11713	0.207	ng/ul	99
12) Fluorene	15.621	166	13593	0.212	ng/ul#	99
15) Phenanthrene	17.356	178	788739	7.955	ng/ul	99
16) Anthracene	17.449	178	62324	0.752	ng/ul	98
19) Fluoranthene	19.364	202	1036802	14.672	ng/ul	99
20) Pyrene	19.727	202	779176	10.573	ng/ul	99
21) Benzo(a)anthracene	21.467	228	184913	2.881	ng/ul	99
22) Chrysene	21.522	228	260693	3.783	ng/ul	99
24) Benzo(b)fluoranthene	23.150	252	341216	5.441	ng/ul	85
26) Benzo(a)pyrene	23.776	252	156142	3.069	ng/ul#	76
27) Indeno(1,2,3-cd)pyrene	26.366	276	143694	1.994	ng/ul#	92
28) Dibenzo(a,h)anthracene	26.376	278	31578	0.542	ng/ul#	92
29) Benzo(g,h,i)perylene	27.130	276	128246	2.019	ng/ul	95

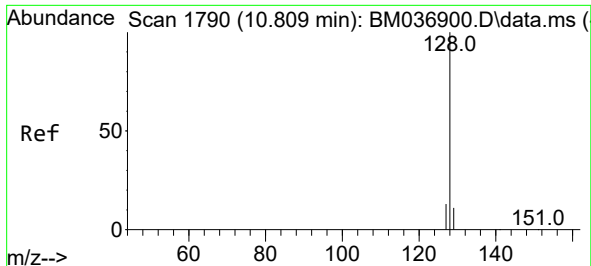
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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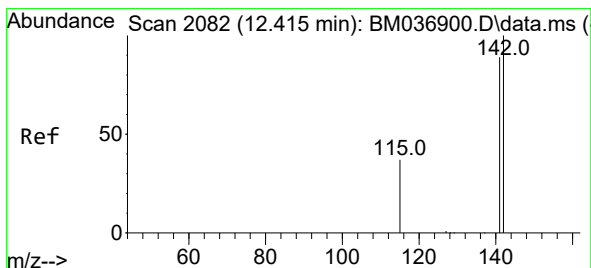
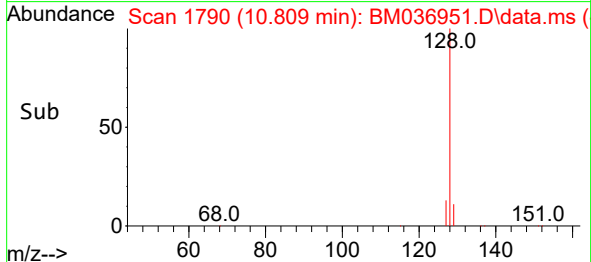
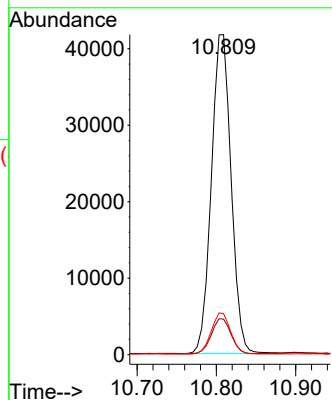
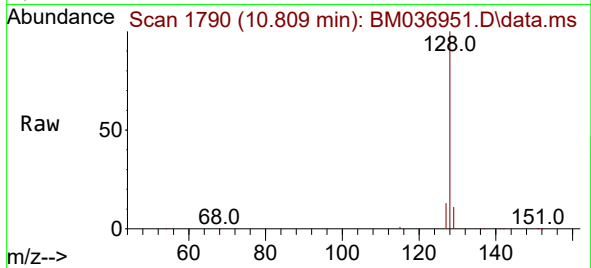




#5
Naphthalene
Concen: 0.851 ng/ul
RT: 10.809 min Scan# 1790
Delta R.T. 0.006 min
Lab File: BM036951.D
Acq: 11 Oct 2022 18:54

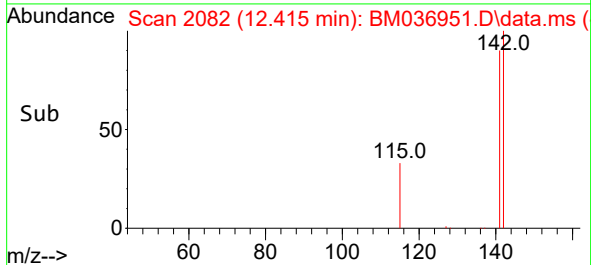
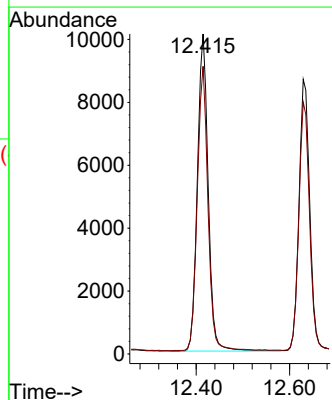
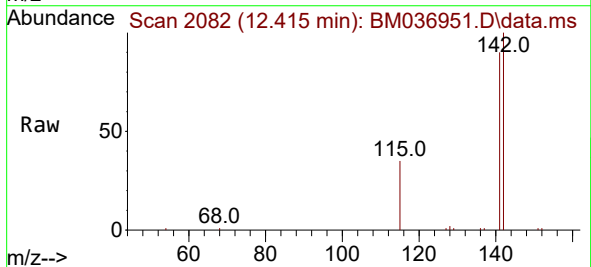
Instrument :
BNA_M
ClientSampleId :
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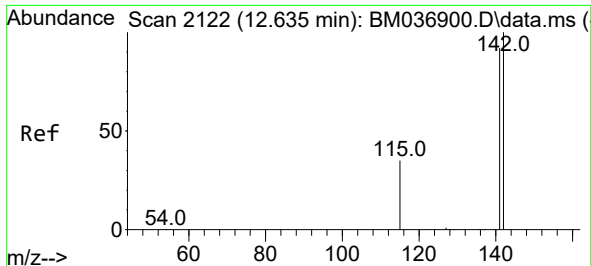
Tgt Ion:128 Resp: 72117
Ion Ratio Lower Upper
128 100
129 11.1 10.2 15.2
127 12.9 11.7 17.5



#7
2-Methylnaphthalene
Concen: 0.314 ng/ul
RT: 12.415 min Scan# 2082
Delta R.T. 0.000 min
Lab File: BM036951.D
Acq: 11 Oct 2022 18:54

Tgt Ion:142 Resp: 16248
Ion Ratio Lower Upper
142 100
141 88.6 77.4 116.0

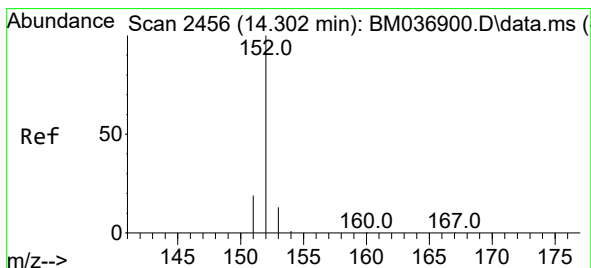
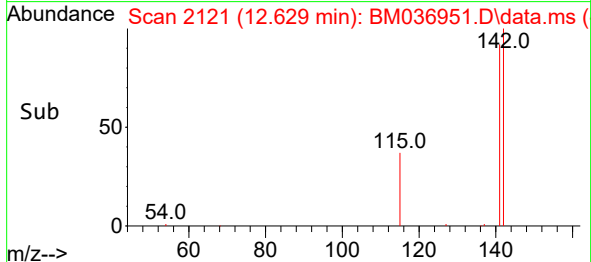
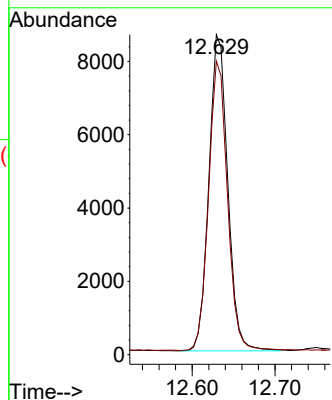
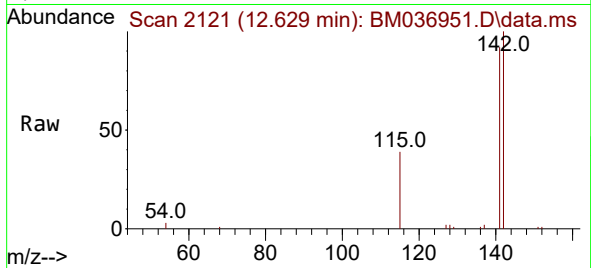




#8
1-Methylnaphthalene
Concen: 0.259 ng/ul
RT: 12.629 min Scan# 2122
Delta R.T. 0.000 min
Lab File: BM036951.D
Acq: 11 Oct 2022 18:54

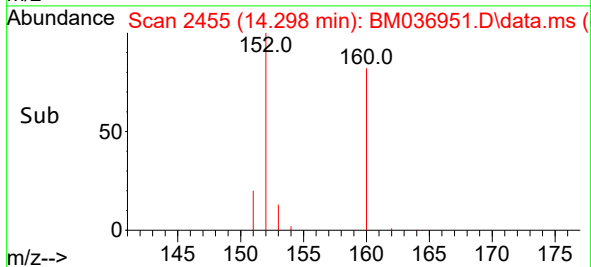
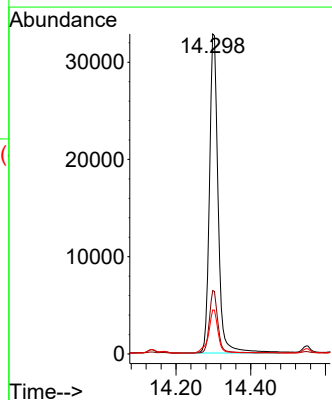
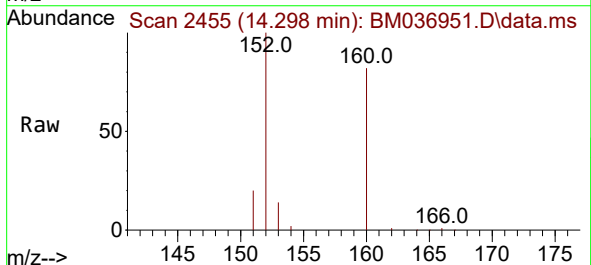
Instrument :
BNA_M
ClientSampleId :
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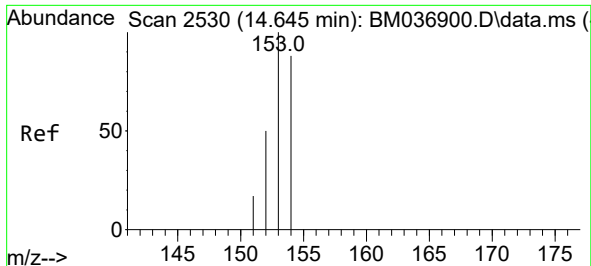
Tgt Ion:142 Resp: 13623
Ion Ratio Lower Upper
142 100
141 91.7 74.1 111.1



#10
Acenaphthylene
Concen: 0.809 ng/ul
RT: 14.298 min Scan# 2455
Delta R.T. 0.001 min
Lab File: BM036951.D
Acq: 11 Oct 2022 18:54

Tgt Ion:152 Resp: 52751
Ion Ratio Lower Upper
152 100
151 19.8 16.6 24.8
153 13.7 11.4 17.0

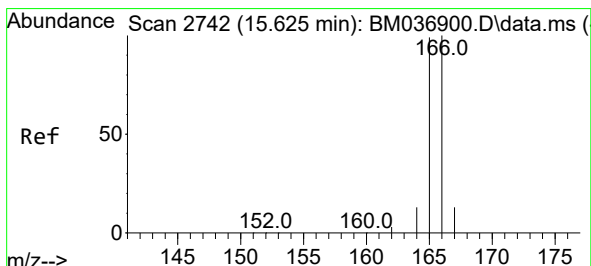
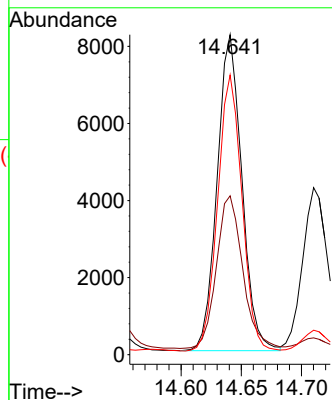
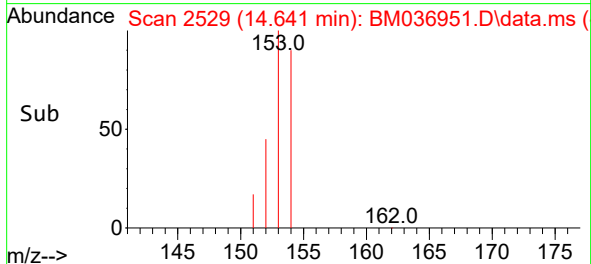
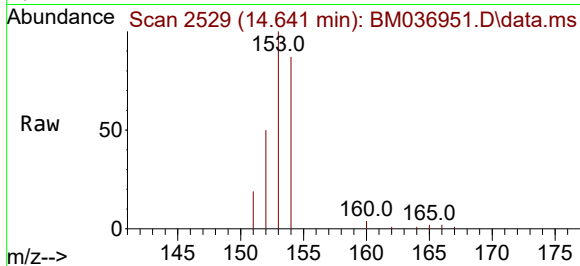




#11
Acenaphthene
Concen: 0.207 ng/ul
RT: 14.641 min Scan# 21
Delta R.T. 0.001 min
Lab File: BM036951.D
Acq: 11 Oct 2022 18:54

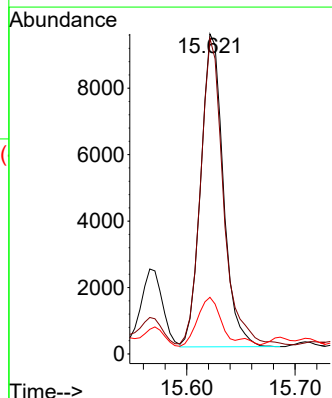
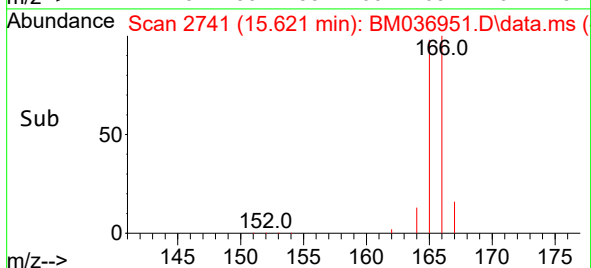
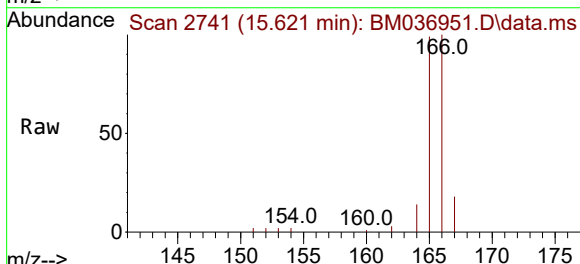
Instrument :
BNA_M
ClientSampleId :
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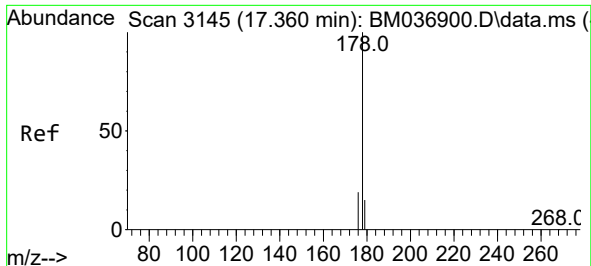
Tgt Ion:153 Resp: 11713
Ion Ratio Lower Upper
153 100
152 49.7 40.2 60.4
154 87.4 69.7 104.5



#12
Fluorene
Concen: 0.212 ng/ul
RT: 15.621 min Scan# 2741
Delta R.T. 0.001 min
Lab File: BM036951.D
Acq: 11 Oct 2022 18:54

Tgt Ion:166 Resp: 13593
Ion Ratio Lower Upper
166 100
165 98.6 78.9 118.3
167 17.7 11.3 16.9#

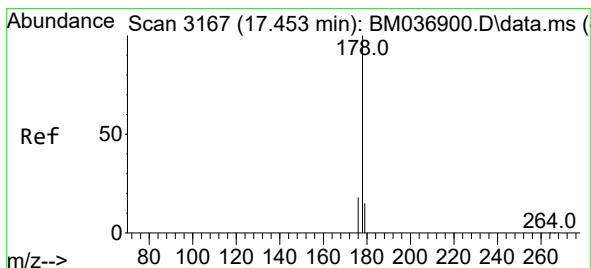
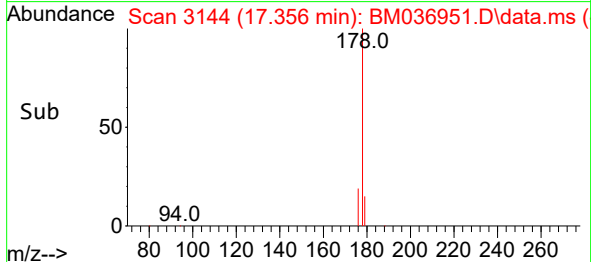
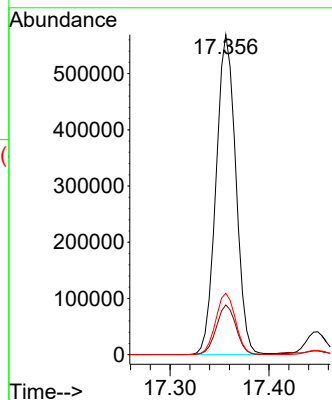
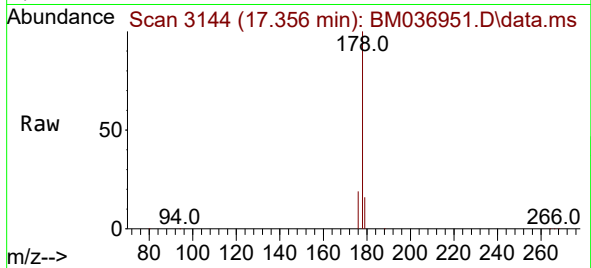




#15
Phenanthrene
Concen: 7.955 ng/ul
RT: 17.356 min Scan# 3144
Delta R.T. 0.001 min
Lab File: BM036951.D
Acq: 11 Oct 2022 18:54

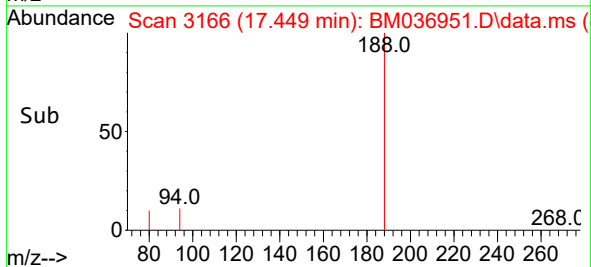
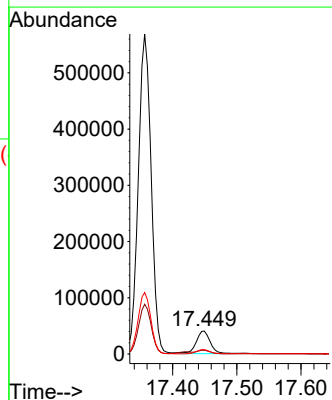
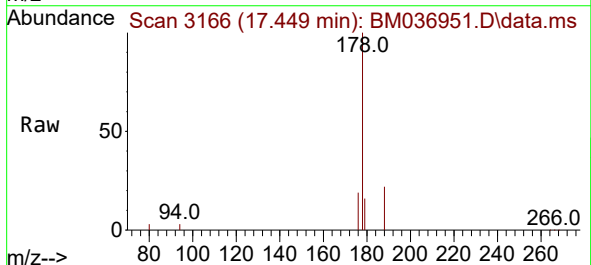
Instrument :
BNA_M
ClientSampleId :
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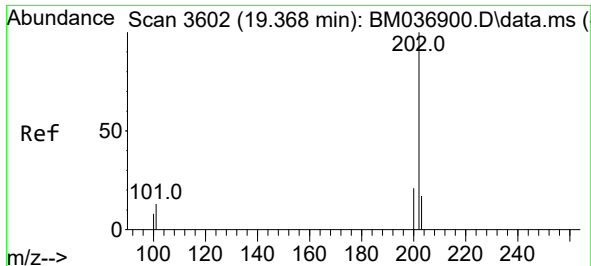
Tgt Ion:178 Resp: 788739
Ion Ratio Lower Upper
178 100
179 15.5 13.0 19.6
176 19.2 15.6 23.4



#16
Anthracene
Concen: 0.752 ng/ul
RT: 17.449 min Scan# 3166
Delta R.T. 0.001 min
Lab File: BM036951.D
Acq: 11 Oct 2022 18:54

Tgt Ion:178 Resp: 62324
Ion Ratio Lower Upper
178 100
179 16.0 13.6 20.4
176 18.6 15.6 23.4

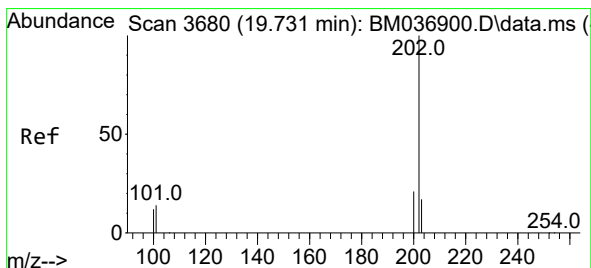
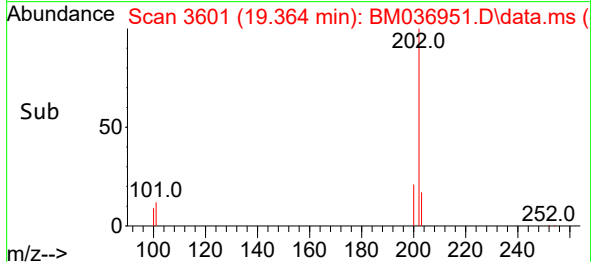
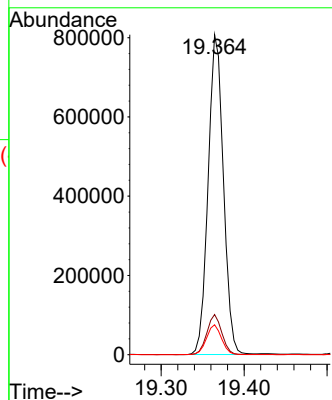
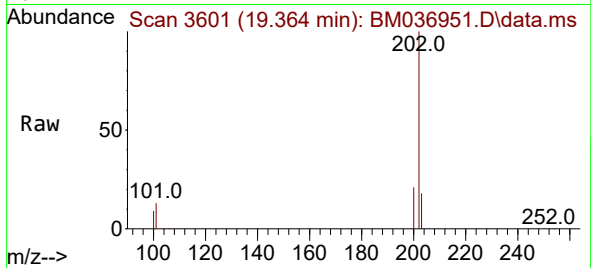




#19
Fluoranthene
Concen: 14.672 ng/u1
RT: 19.364 min Scan# 3601
Delta R.T. 0.001 min
Lab File: BM036951.D
Acq: 11 Oct 2022 18:54

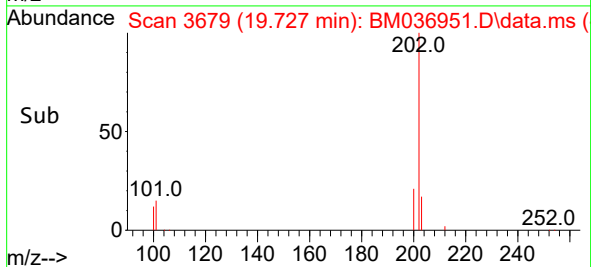
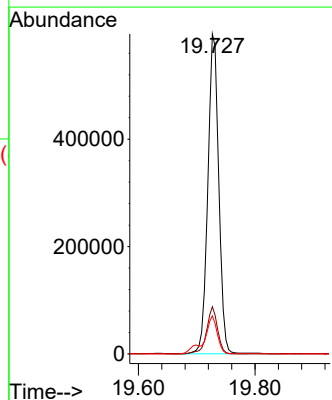
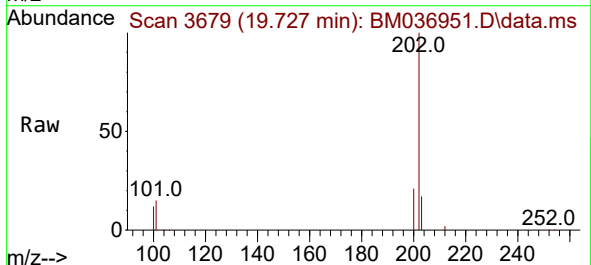
Instrument :
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ClientSampleId :
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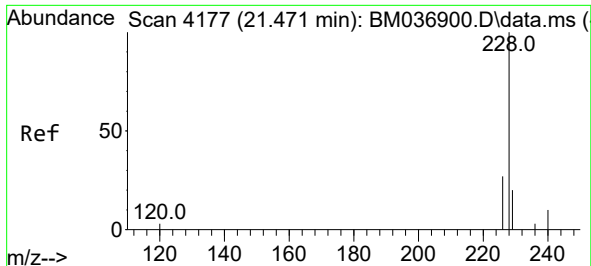
Tgt Ion:202 Resp: 1036802
Ion Ratio Lower Upper
202 100
101 12.6 10.1 15.1
100 9.4 7.9 11.9



#20
Pyrene
Concen: 10.573 ng/u1
RT: 19.727 min Scan# 3679
Delta R.T. 0.001 min
Lab File: BM036951.D
Acq: 11 Oct 2022 18:54

Tgt Ion:202 Resp: 779176
Ion Ratio Lower Upper
202 100
101 14.7 12.0 18.0
100 11.9 9.8 14.6

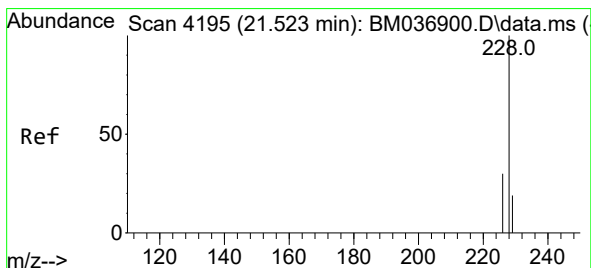
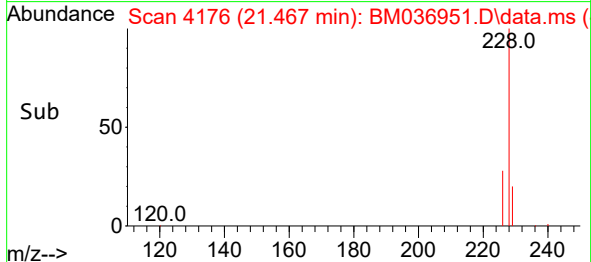
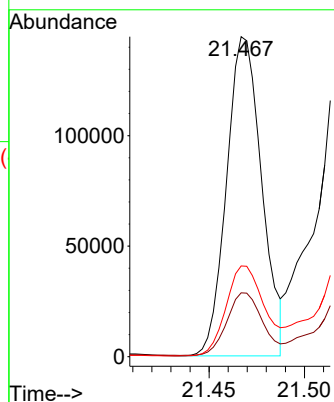
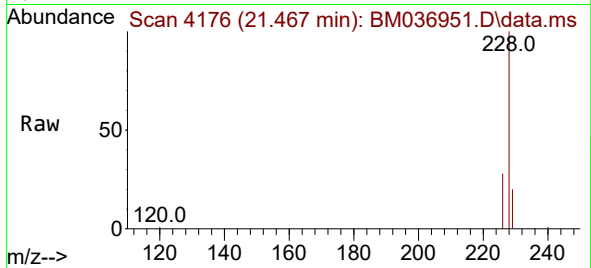




#21
Benzo(a)anthracene
Concen: 2.881 ng/ul
RT: 21.467 min Scan# 4176
Delta R.T. -0.001 min
Lab File: BM036951.D
Acq: 11 Oct 2022 18:54

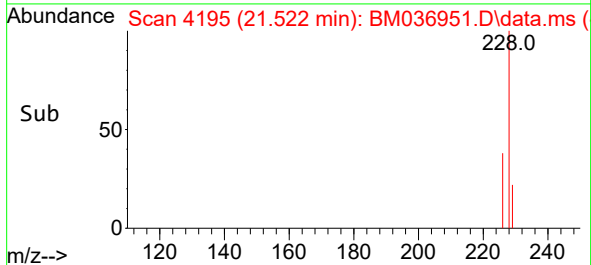
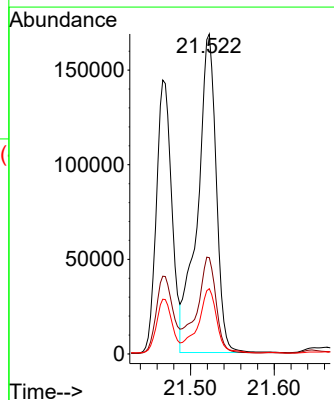
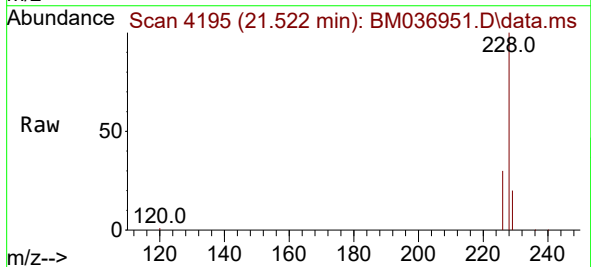
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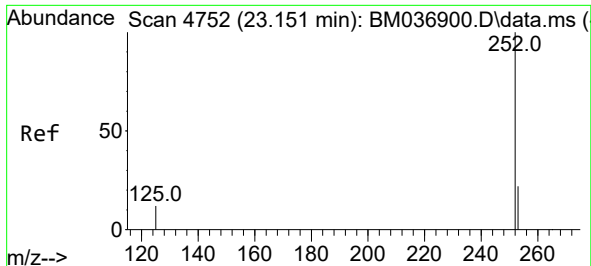
Tgt Ion:228 Resp: 184913
Ion Ratio Lower Upper
228 100
229 20.0 16.2 24.2
226 28.4 22.5 33.7



#22
Chrysene
Concen: 3.783 ng/ul
RT: 21.522 min Scan# 4195
Delta R.T. 0.002 min
Lab File: BM036951.D
Acq: 11 Oct 2022 18:54

Tgt Ion:228 Resp: 260693
Ion Ratio Lower Upper
228 100
226 30.1 24.6 37.0
229 20.4 16.4 24.6

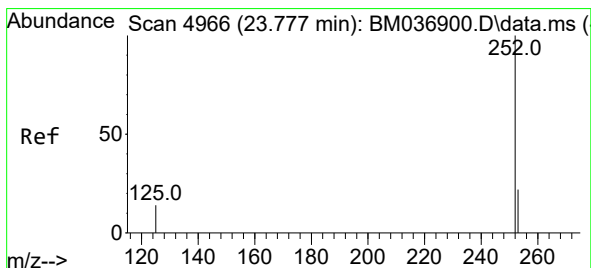
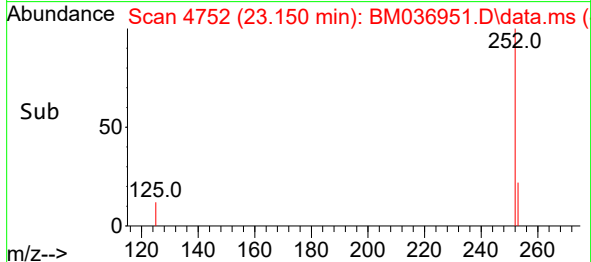
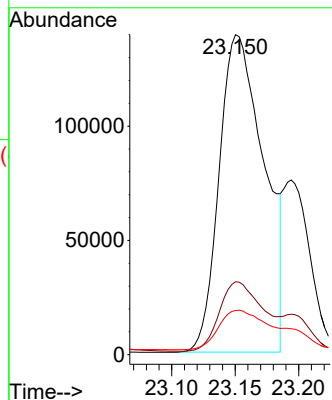
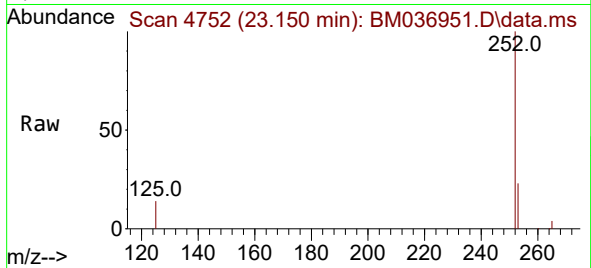




#24
Benzo(b)fluoranthene
Concen: 5.441 ng/ul
RT: 23.150 min Scan# 41
Delta R.T. 0.005 min
Lab File: BM036951.D
Acq: 11 Oct 2022 18:54

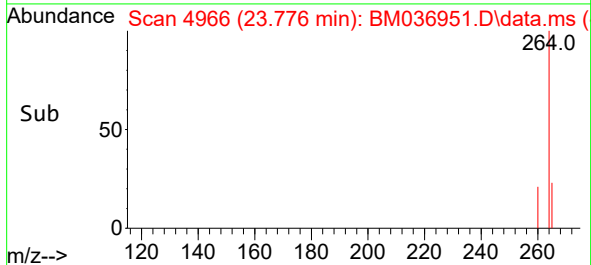
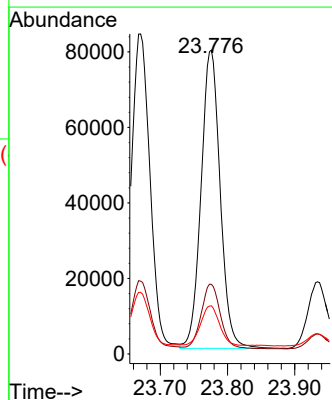
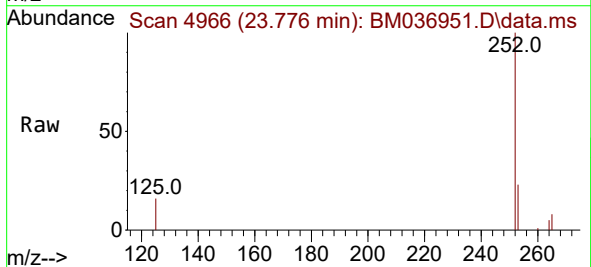
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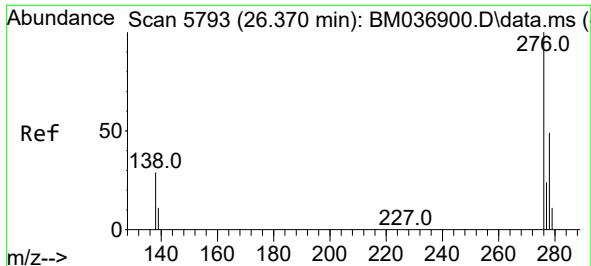
Tgt Ion:252 Resp: 341216
Ion Ratio Lower Upper
252 100
253 22.8 0.0 61.4
125 13.8 0.0 42.6



#26
Benzo(a)pyrene
Concen: 3.069 ng/ul
RT: 23.776 min Scan# 4966
Delta R.T. 0.005 min
Lab File: BM036951.D
Acq: 11 Oct 2022 18:54

Tgt Ion:252 Resp: 156142
Ion Ratio Lower Upper
252 100
253 22.9 29.7 44.5#
125 15.8 23.6 35.4#

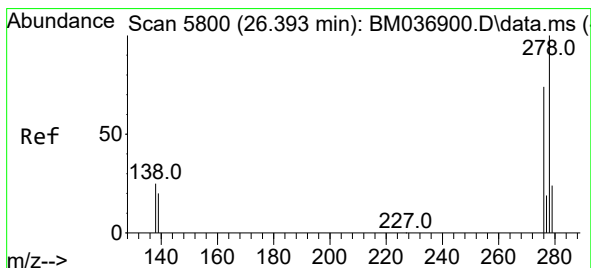
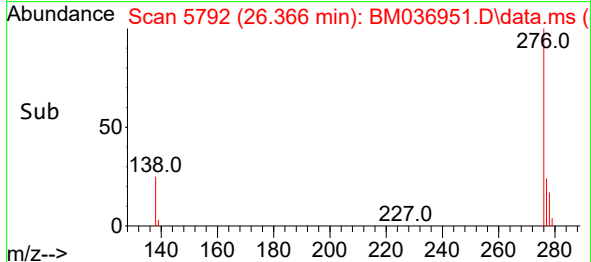
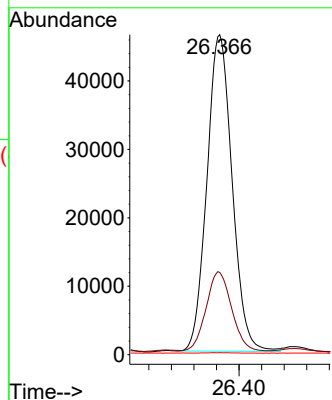
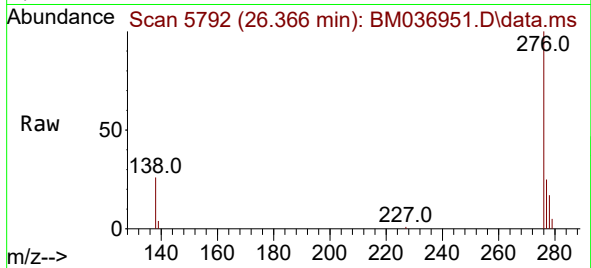




#27
 Indeno(1,2,3-cd)pyrene
 Concen: 1.994 ng/ul
 RT: 26.366 min Scan# 5792
 Delta R.T. 0.003 min
 Lab File: BM036951.D
 Acq: 11 Oct 2022 18:54

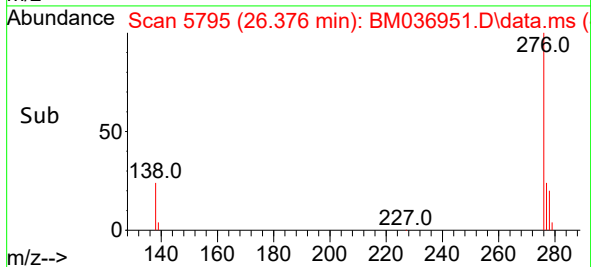
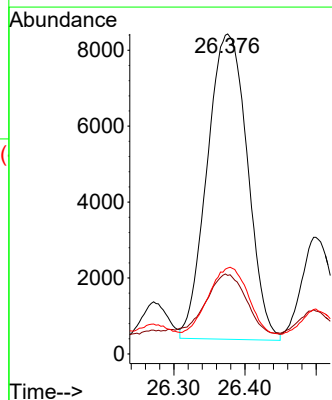
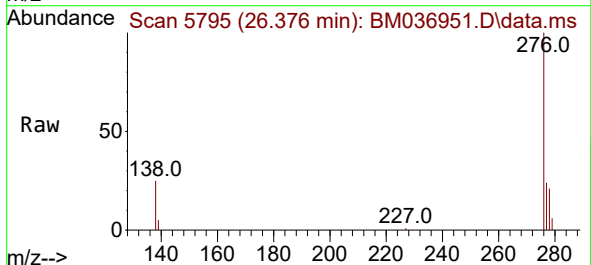
Instrument :
 BNA_M
 ClientSampleId :
 C0BE8

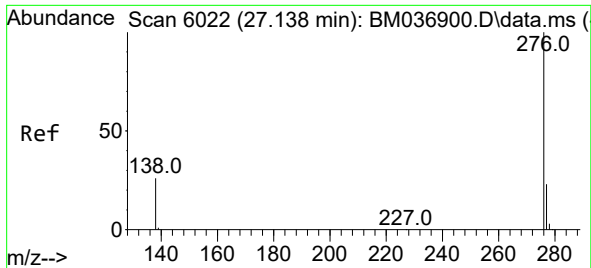
Tgt Ion:276 Resp: 143694
 Ion Ratio Lower Upper
 276 100
 138 25.6 23.9 35.9
 227 0.2 0.1 0.1#



#28
 Dibenzo(a,h)anthracene
 Concen: 0.542 ng/ul
 RT: 26.376 min Scan# 5795
 Delta R.T. -0.004 min
 Lab File: BM036951.D
 Acq: 11 Oct 2022 18:54

Tgt Ion:278 Resp: 31578
 Ion Ratio Lower Upper
 278 100
 139 24.6 19.8 29.6
 279 26.9 27.7 41.5#





#29
 Benzo(g,h,i)perylene
 Concen: 2.019 ng/ul
 RT: 27.130 min Scan# 60
 Delta R.T. 0.003 min
 Lab File: BM036951.D
 Acq: 11 Oct 2022 18:54

Instrument :
 BNA_M
 ClientSampleId :
 C0BE8

Tgt Ion:276 Resp: 128246
 Ion Ratio Lower Upper
 276 100
 138 26.5 23.4 35.0
 277 24.2 21.0 31.4

