

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101322\
 Data File : BM037068.D
 Acq On : 14 Oct 2022 23:51
 Operator : CG/JU
 Sample : N5049-05
 Misc :
 ALS Vial : 64 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0BJ5

Quant Time: Oct 15 02:31:04 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 : Fri Oct 14 07:11:07 2022
 Response via : Initial Calibration

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

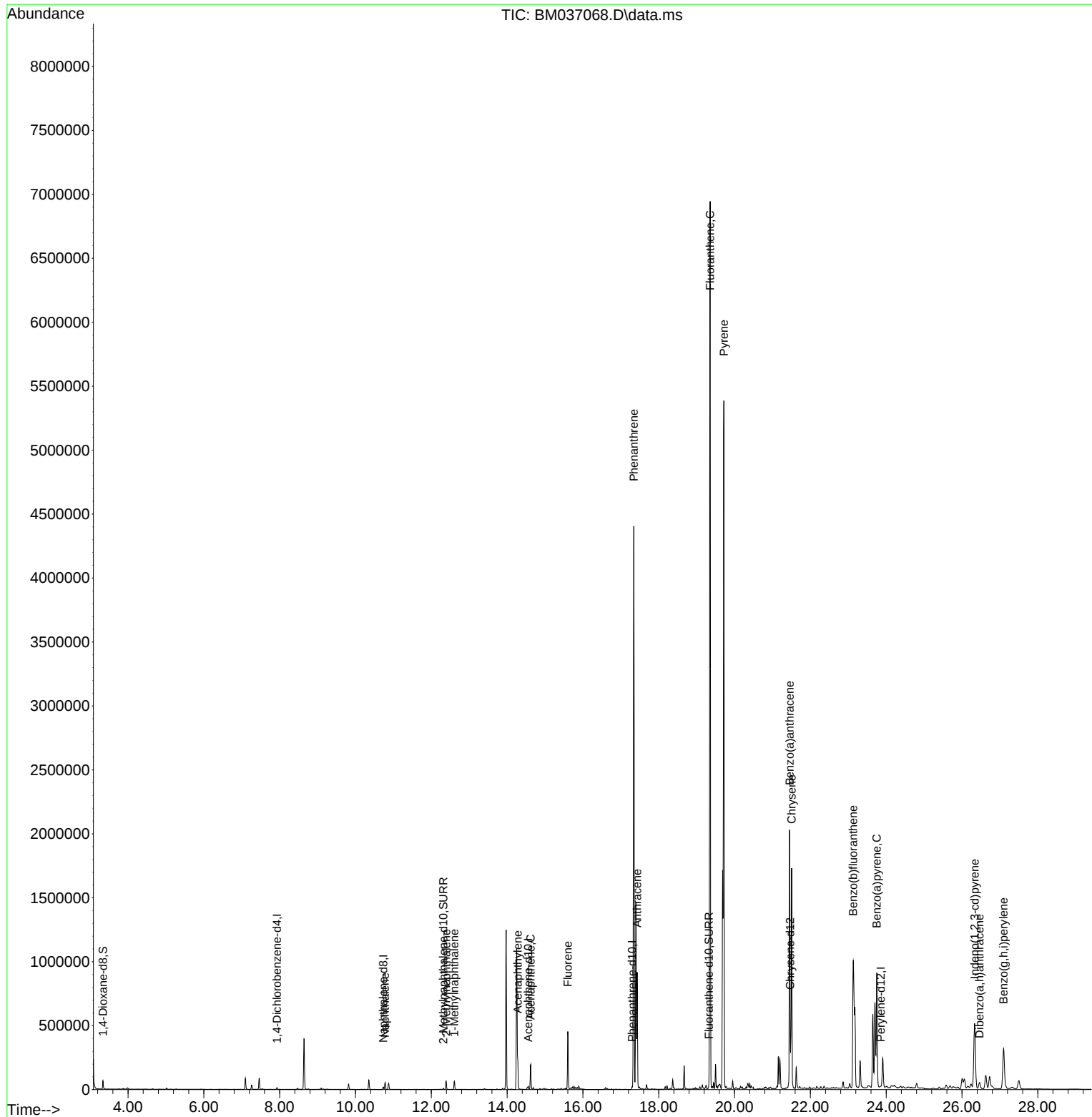
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.930	152	7135	0.400	ng/ul	0.00
4) Naphthalene-d8	10.732	136	25360	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.557	164	14007	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.297	188	25895	0.400	ng/ul	0.00
17) Chrysene-d12	21.470	240	15374	0.400	ng/ul	0.00
23) Perylene-d12	23.858	264	14234	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.340	96	40147	3.990	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.316	152	10927	0.285	ng/ul	-0.01
18) Fluoranthene-d10	19.323	212	18968	0.413	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.781	128	72154	0.995	ng/ul	96
7) 2-Methylnaphthalene	12.393	142	47915	1.080	ng/ul	92
8) 1-Methylnaphthalene	12.607	142	43284	0.961	ng/ul	99
10) Acenaphthylene	14.280	152	251867	4.326	ng/ul	98
11) Acenaphthene	14.622	153	110148	2.180	ng/ul	98
12) Fluorene	15.603	166	268574	4.691	ng/ul	99
15) Phenanthrene	17.344	178	4641675	56.149	ng/ul	99
16) Anthracene	17.432	178	896426	12.976	ng/ul	97
19) Fluoranthene	19.355	202	5762312	94.233	ng/ul	97
20) Pyrene	19.718	202	4305833	67.523	ng/ul	100
21) Benzo(a)anthracene	21.455	228	1720999	30.983	ng/ul	98
22) Chrysene	21.508	228	1558452	26.132	ng/ul	98
24) Benzo(b)fluoranthene	23.133	252	1793794	28.210	ng/ul	85
26) Benzo(a)pyrene	23.752	252	1229765	23.836	ng/ul#	74
27) Indeno(1,2,3-cd)pyrene	26.332	276	843107	11.537	ng/ul#	94
28) Dibenzo(a,h)anthracene	26.463	278	73085	1.237	ng/ul	94
29) Benzo(g,h,i)perylene	27.097	276	660901	10.262	ng/ul	96

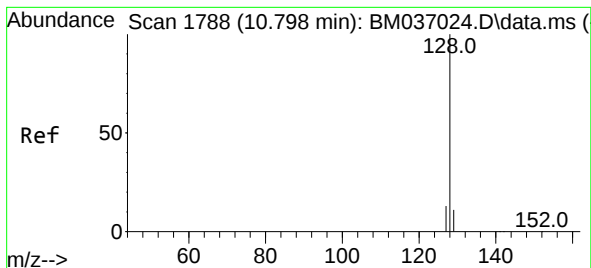
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Naphthalene

Concen: 0.995 ng/ul

RT: 10.781 min Scan# 1

Delta R.T. -0.005 min

Lab File: BM037068.D

Acq: 14 Oct 2022 23:51

Instrument :

BNA_M

ClientSampleId :

C0BJ5

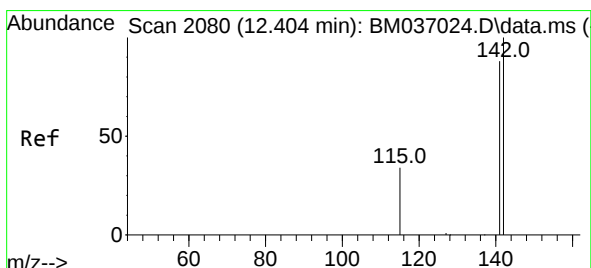
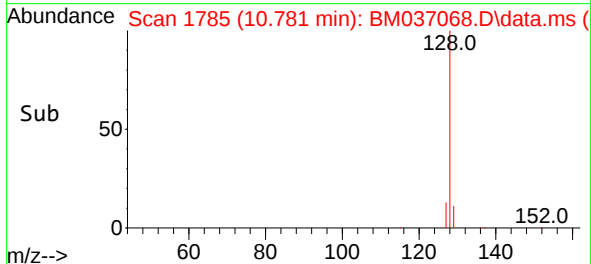
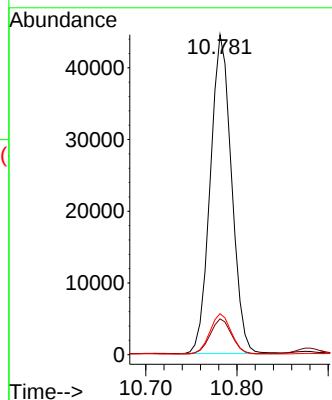
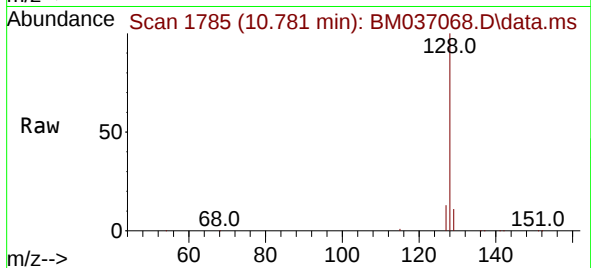
Tgt Ion:128 Resp: 72154

Ion Ratio Lower Upper

128 100

129 11.2 10.2 15.2

127 12.8 11.7 17.5



#7

2-Methylnaphthalene

Concen: 1.080 ng/ul

RT: 12.393 min Scan# 2078

Delta R.T. -0.005 min

Lab File: BM037068.D

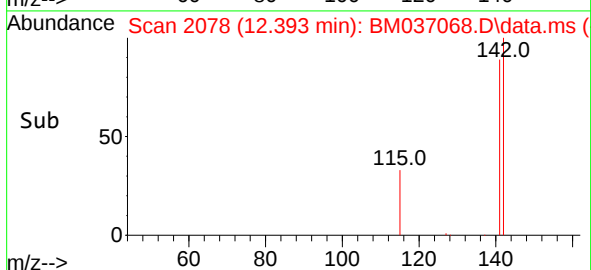
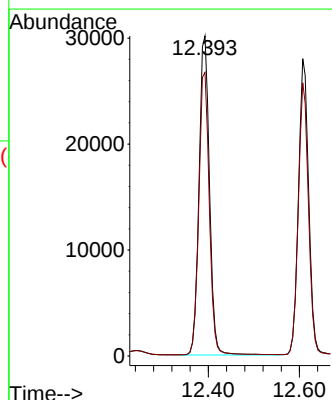
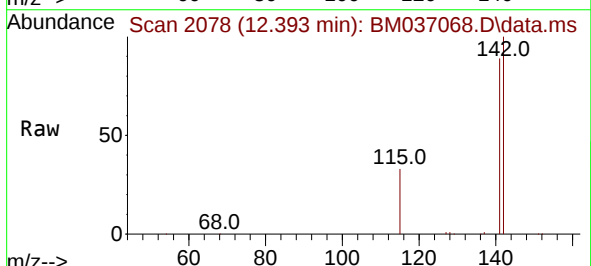
Acq: 14 Oct 2022 23:51

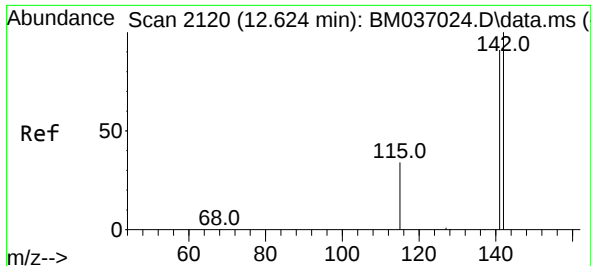
Tgt Ion:142 Resp: 47915

Ion Ratio Lower Upper

142 100

141 88.7 77.4 116.0

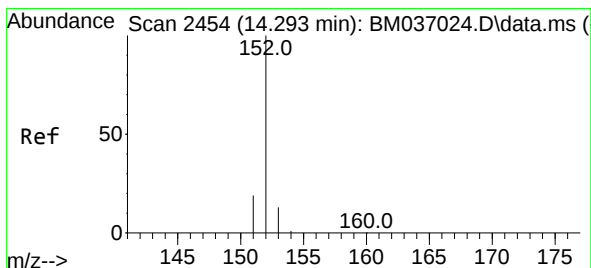
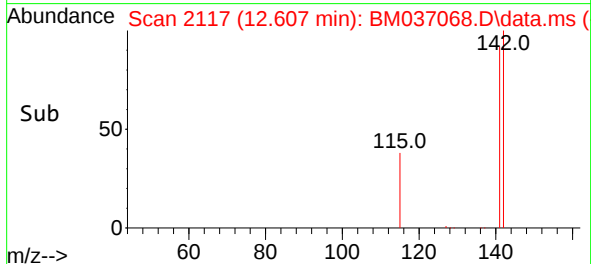
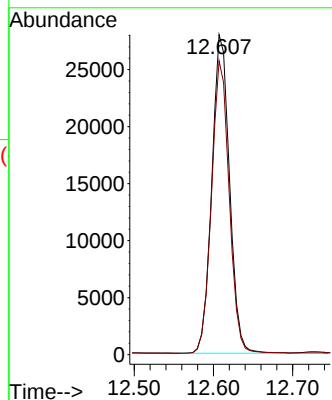
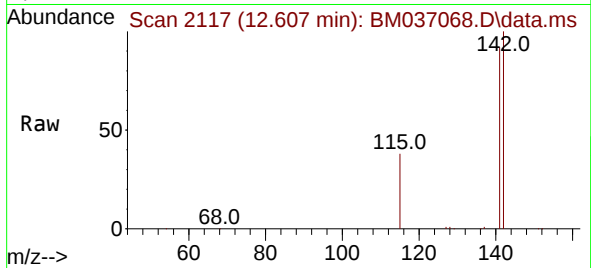




#8
1-Methylnaphthalene
Concen: 0.961 ng/ul
RT: 12.607 min Scan# 2117
Delta R.T. -0.011 min
Lab File: BM037068.D
Acq: 14 Oct 2022 23:51

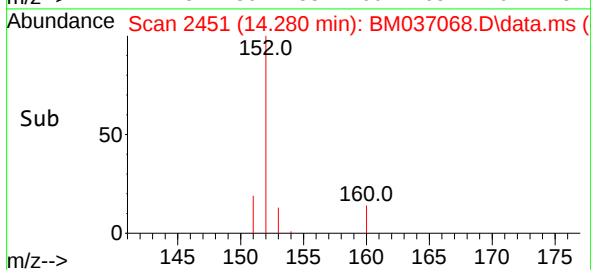
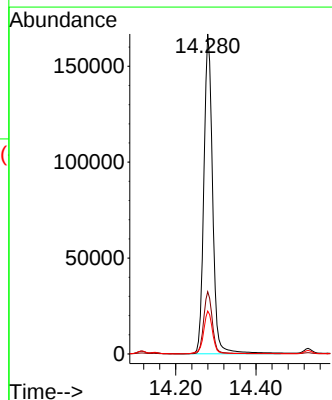
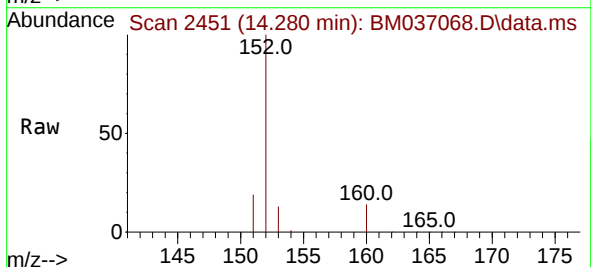
Instrument :
BNA_M
ClientSampleId :
C0BJ5

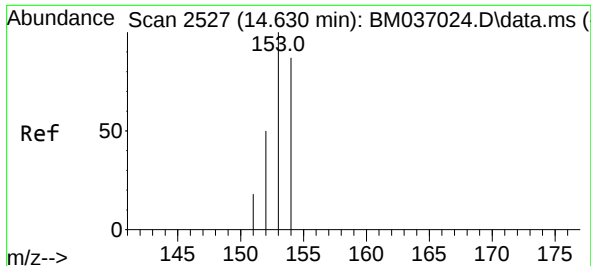
Tgt Ion:142 Resp: 43284
Ion Ratio Lower Upper
142 100
141 91.5 74.1 111.1



#10
Acenaphthylene
Concen: 4.326 ng/ul
RT: 14.280 min Scan# 2451
Delta R.T. -0.005 min
Lab File: BM037068.D
Acq: 14 Oct 2022 23:51

Tgt Ion:152 Resp: 251867
Ion Ratio Lower Upper
152 100
151 19.4 16.6 24.8
153 13.4 11.4 17.0

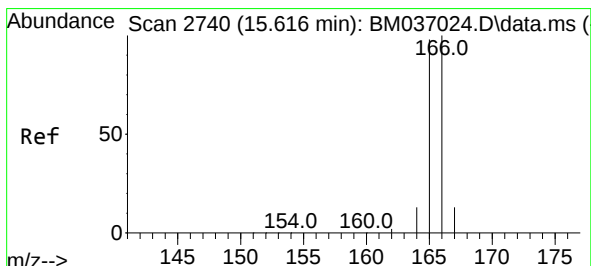
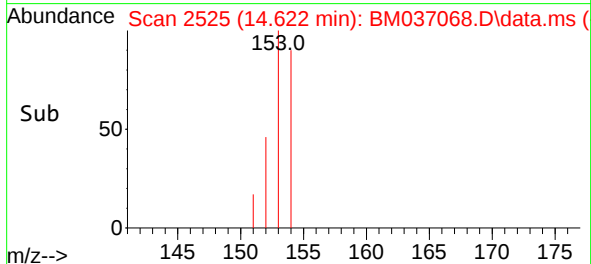
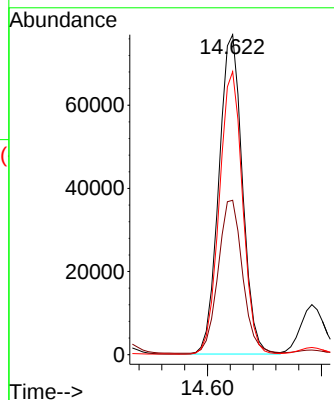
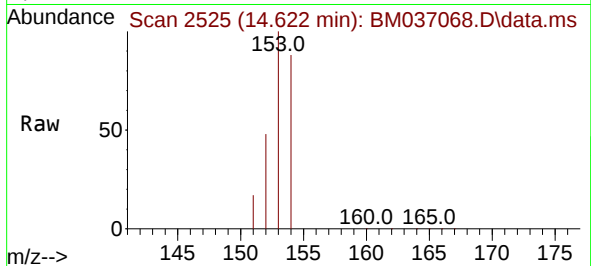




#11
Acenaphthene
Concen: 2.180 ng/ul
RT: 14.622 min Scan# 21
Delta R.T. -0.005 min
Lab File: BM037068.D
Acq: 14 Oct 2022 23:51

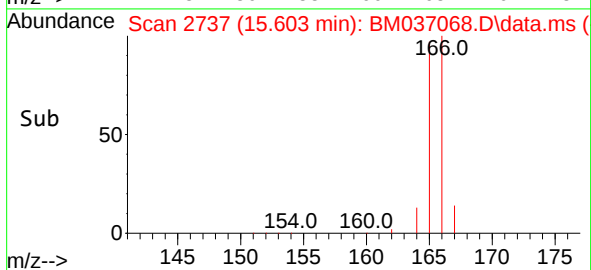
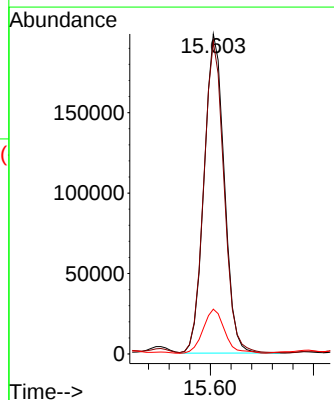
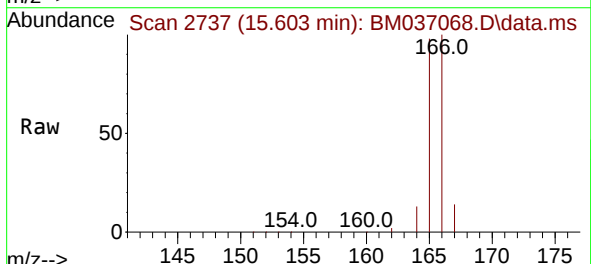
Instrument :
BNA_M
ClientSampleId :
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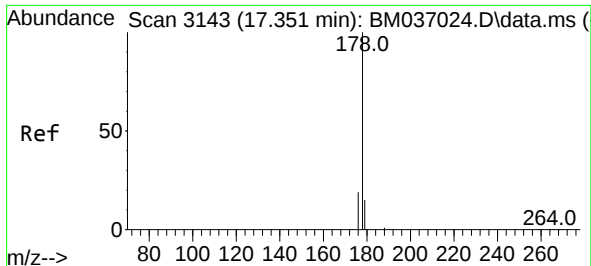
Tgt Ion:153 Resp: 110148
Ion Ratio Lower Upper
153 100
152 48.2 40.2 60.4
154 88.4 69.7 104.5



#12
Fluorene
Concen: 4.691 ng/ul
RT: 15.603 min Scan# 2737
Delta R.T. -0.005 min
Lab File: BM037068.D
Acq: 14 Oct 2022 23:51

Tgt Ion:166 Resp: 268574
Ion Ratio Lower Upper
166 100
165 97.6 78.9 118.3
167 14.0 11.3 16.9

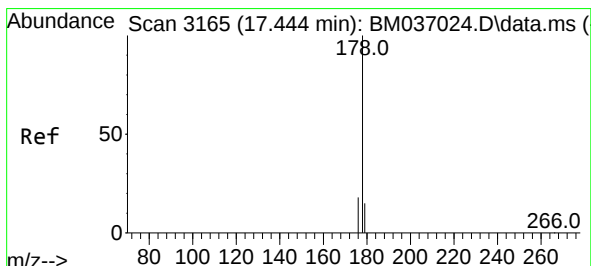
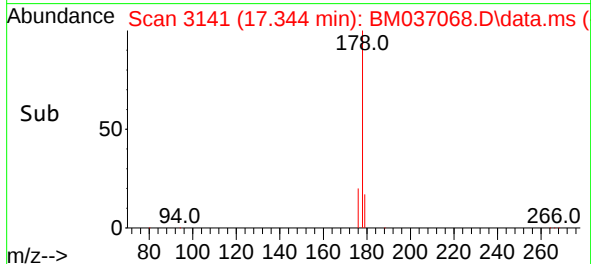
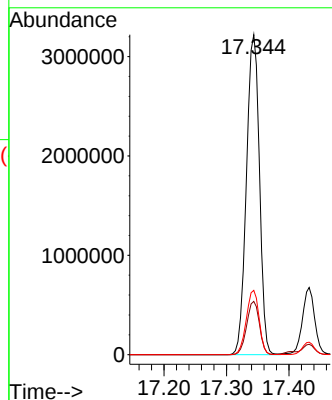
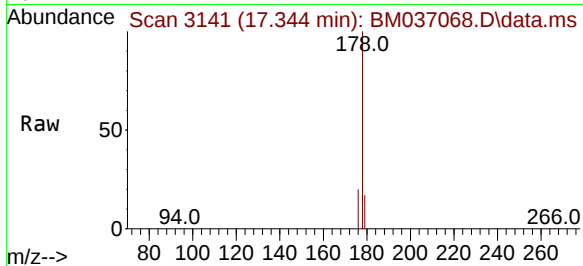




#15
Phenanthrene
Concen: 56.149 ng/ul
RT: 17.344 min Scan# 3141
Delta R.T. 0.000 min
Lab File: BM037068.D
Acq: 14 Oct 2022 23:51

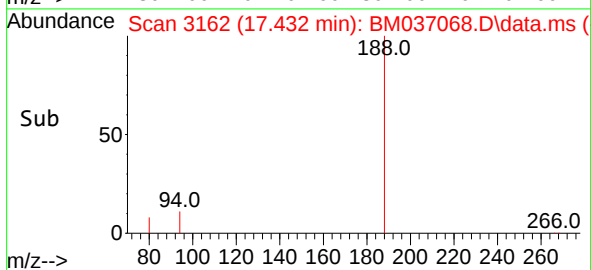
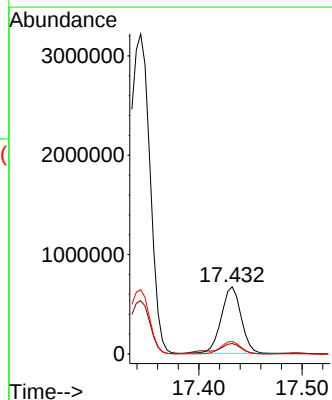
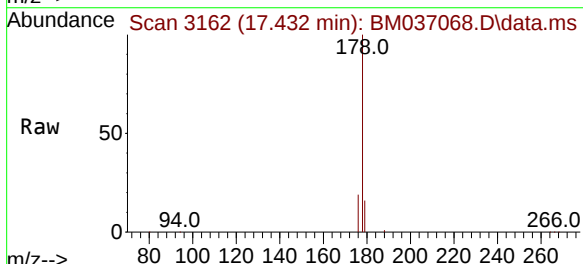
Instrument :
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ClientSampleId :
C0BJ5

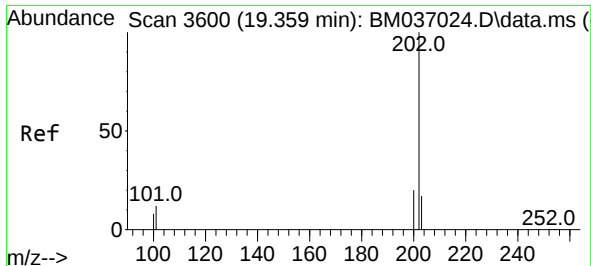
Tgt Ion:178 Resp: 4641675
Ion Ratio Lower Upper
178 100
179 16.7 13.0 19.6
176 20.1 15.6 23.4



#16
Anthracene
Concen: 12.976 ng/ul
RT: 17.432 min Scan# 3162
Delta R.T. -0.004 min
Lab File: BM037068.D
Acq: 14 Oct 2022 23:51

Tgt Ion:178 Resp: 896426
Ion Ratio Lower Upper
178 100
179 15.6 13.6 20.4
176 18.6 15.6 23.4

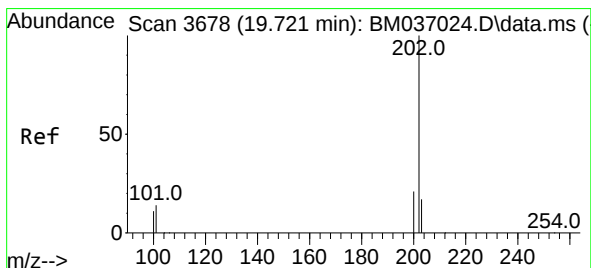
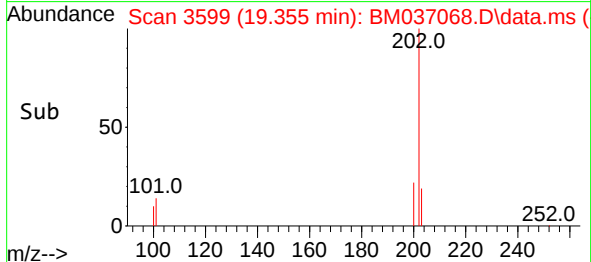
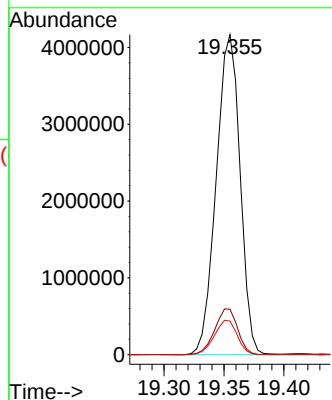
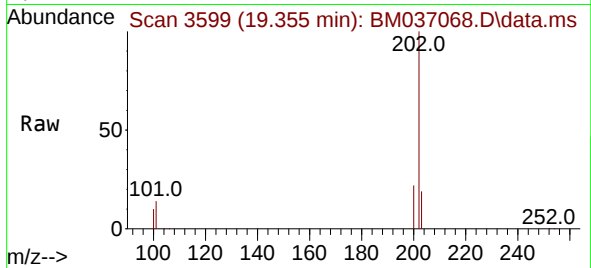




#19
Fluoranthene
Concen: 94.233 ng/u1
RT: 19.355 min Scan# 3
Delta R.T. 0.000 min
Lab File: BM037068.D
Acq: 14 Oct 2022 23:51

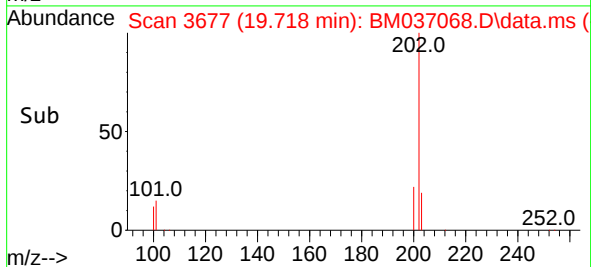
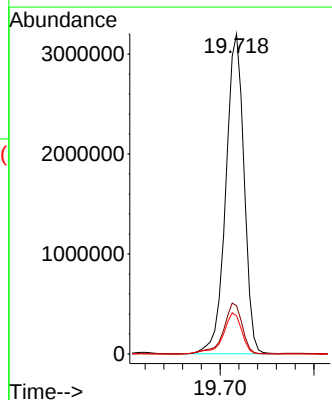
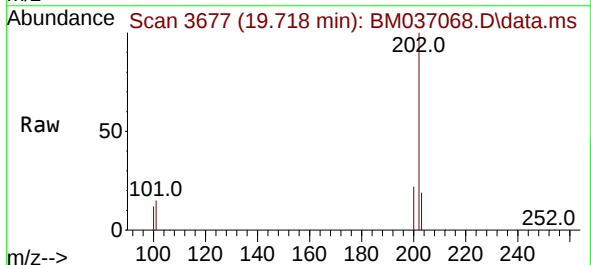
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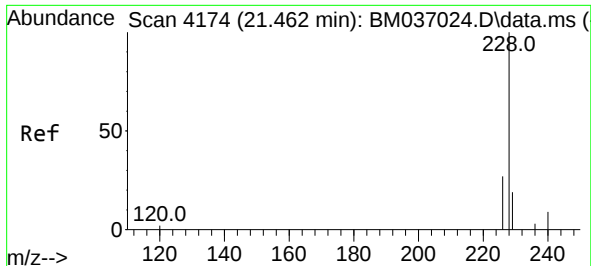
Tgt Ion:202 Resp: 5762312
Ion Ratio Lower Upper
202 100
101 14.2 10.1 15.1
100 10.5 7.9 11.9



#20
Pyrene
Concen: 67.523 ng/u1
RT: 19.718 min Scan# 3677
Delta R.T. 0.000 min
Lab File: BM037068.D
Acq: 14 Oct 2022 23:51

Tgt Ion:202 Resp: 4305833
Ion Ratio Lower Upper
202 100
101 15.1 12.0 18.0
100 12.0 9.8 14.6

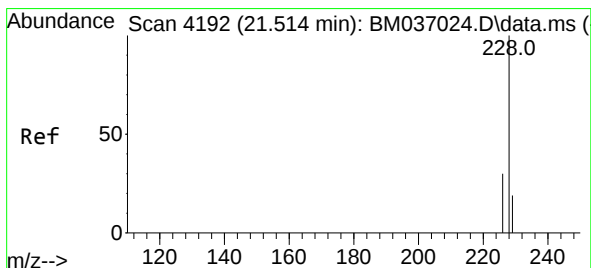
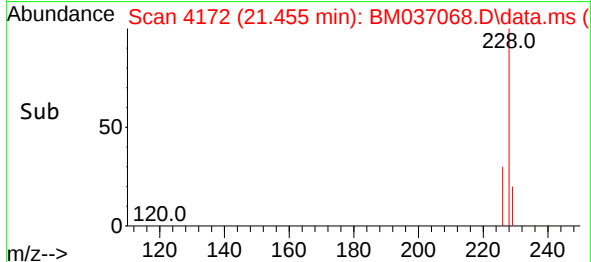
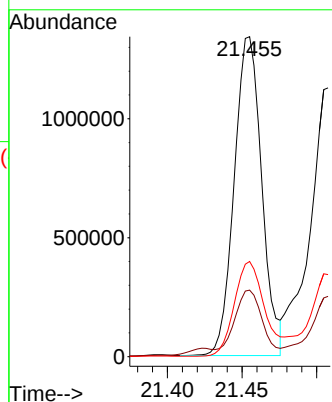
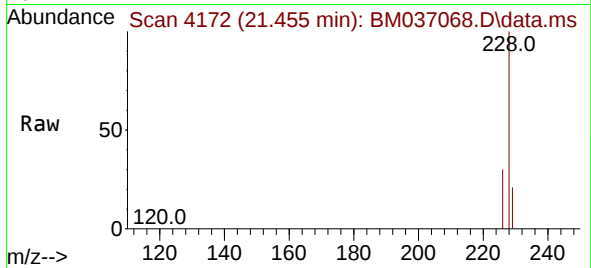




#21
Benzo(a)anthracene
Concen: 30.983 ng/u1
RT: 21.455 min Scan# 4172
Delta R.T. -0.003 min
Lab File: BM037068.D
Acq: 14 Oct 2022 23:51

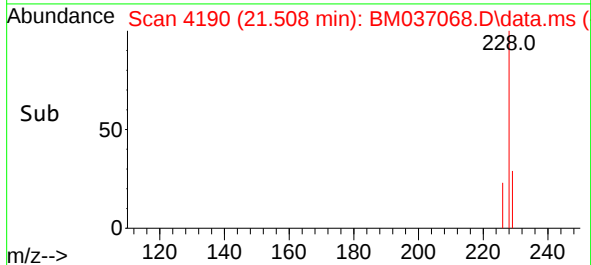
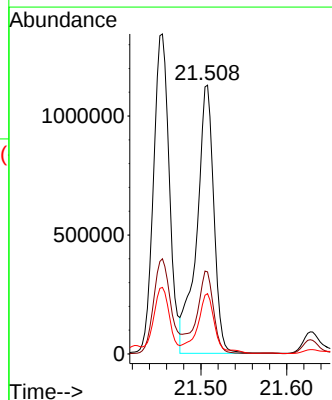
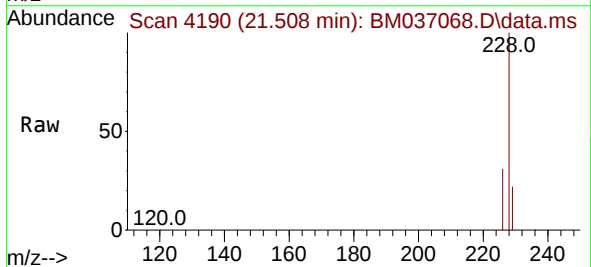
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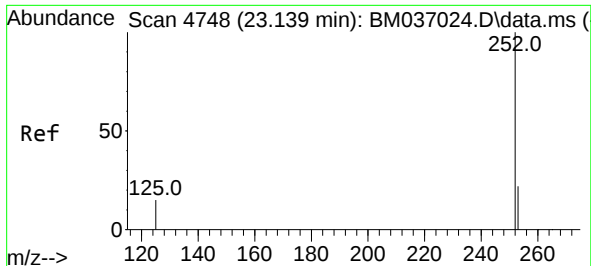
Tgt Ion:228 Resp: 1720999
Ion Ratio Lower Upper
228 100
229 20.8 16.2 24.2
226 29.8 22.5 33.7



#22
Chrysene
Concen: 26.132 ng/u1
RT: 21.508 min Scan# 4190
Delta R.T. -0.003 min
Lab File: BM037068.D
Acq: 14 Oct 2022 23:51

Tgt Ion:228 Resp: 1558452
Ion Ratio Lower Upper
228 100
226 30.5 24.6 37.0
229 22.4 16.4 24.6

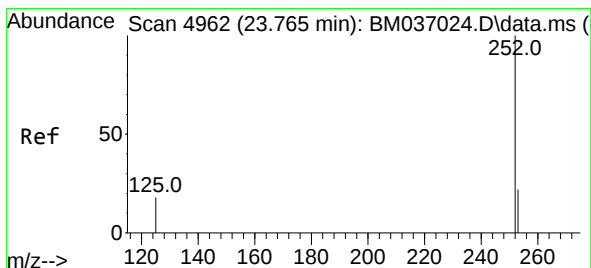
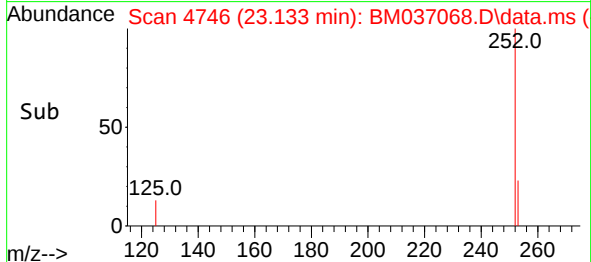
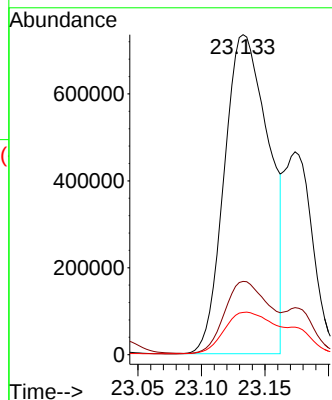
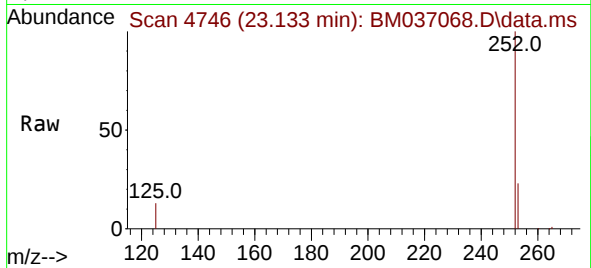




#24
Benzo(b)fluoranthene
Concen: 28.210 ng/u1
RT: 23.133 min Scan# 41
Delta R.T. -0.003 min
Lab File: BM037068.D
Acq: 14 Oct 2022 23:51

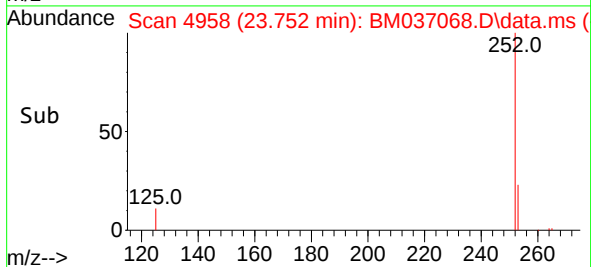
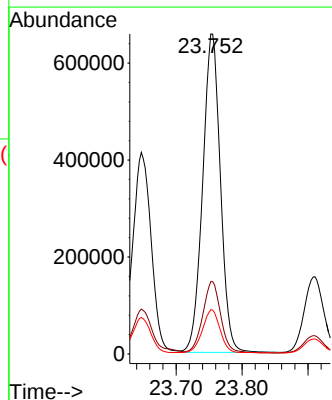
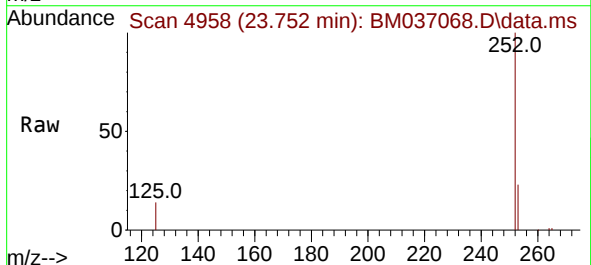
Instrument :
BNA_M
ClientSampleId :
C0BJ5

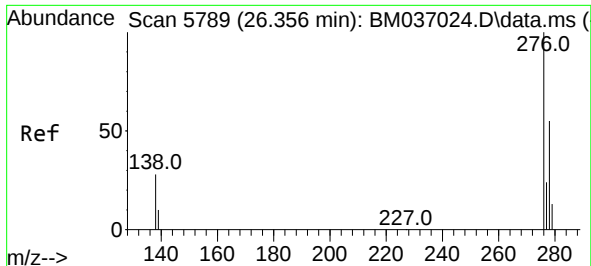
Tgt Ion:252 Resp: 1793794
Ion Ratio Lower Upper
252 100
253 22.9 0.0 61.4
125 13.2 0.0 42.6



#26
Benzo(a)pyrene
Concen: 23.836 ng/u1
RT: 23.752 min Scan# 4958
Delta R.T. -0.006 min
Lab File: BM037068.D
Acq: 14 Oct 2022 23:51

Tgt Ion:252 Resp: 1229765
Ion Ratio Lower Upper
252 100
253 22.6 29.7 44.5#
125 13.8 23.6 35.4#

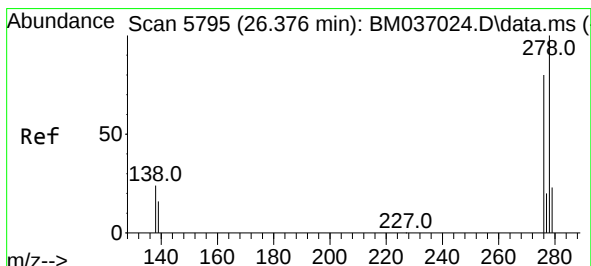
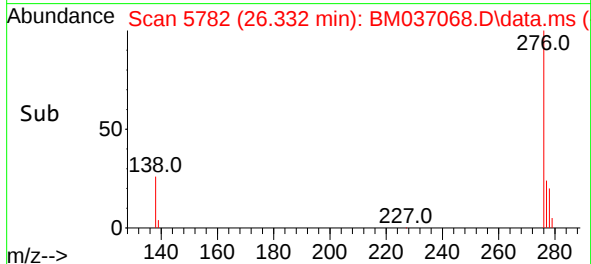
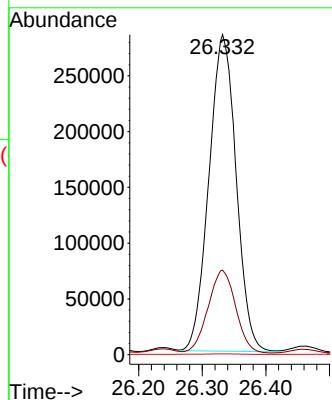
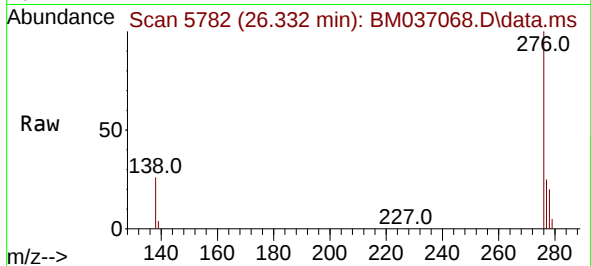




#27
 Indeno(1,2,3-cd)pyrene
 Concen: 11.537 ng/ul
 RT: 26.332 min Scan# 51
 Delta R.T. -0.010 min
 Lab File: BM037068.D
 Acq: 14 Oct 2022 23:51

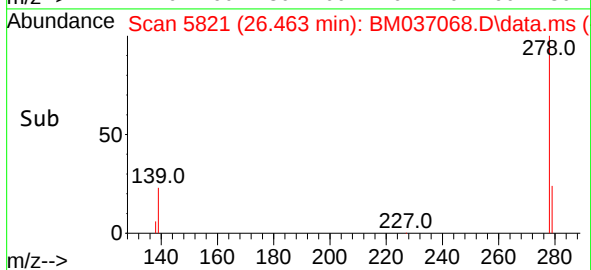
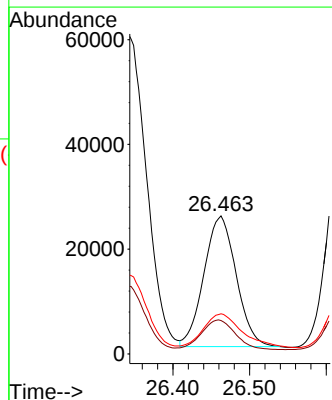
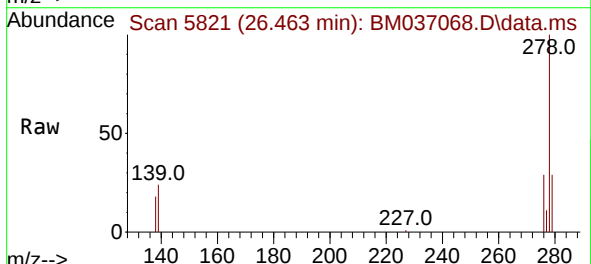
Instrument :
 BNA_M
 ClientSampleId :
 C0BJ5

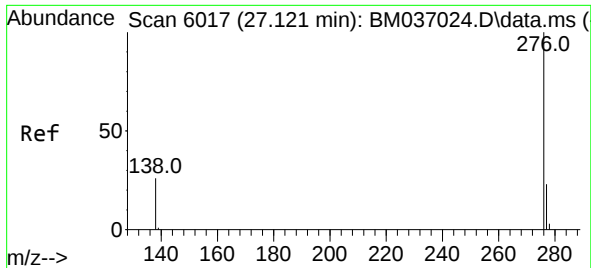
Tgt Ion:276 Resp: 843107
 Ion Ratio Lower Upper
 276 100
 138 26.5 23.9 35.9
 227 0.2 0.1 0.1#



#28
 Dibenzo(a,h)anthracene
 Concen: 1.237 ng/ul
 RT: 26.463 min Scan# 5821
 Delta R.T. 0.101 min
 Lab File: BM037068.D
 Acq: 14 Oct 2022 23:51

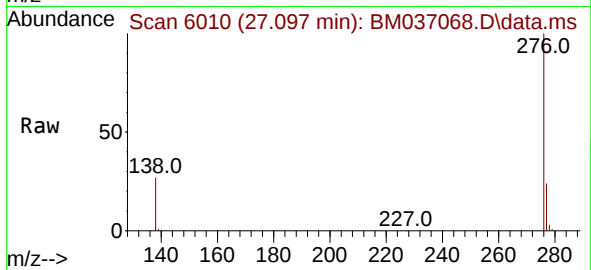
Tgt Ion:278 Resp: 73085
 Ion Ratio Lower Upper
 278 100
 139 24.2 19.8 29.6
 279 29.1 27.7 41.5





#29
 Benzo(g,h,i)perylene
 Concen: 10.262 ng/ul
 RT: 27.097 min Scan# 6010
 Delta R.T. -0.010 min
 Lab File: BM037068.D
 Acq: 14 Oct 2022 23:51

Instrument :
 BNA_M
 ClientSampleId :
 C0BJ5



Tgt Ion:276 Resp: 660901
 Ion Ratio Lower Upper
 276 100
 138 26.9 23.4 35.0
 277 23.9 21.0 31.4

