

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122222\
 Data File : BM038261.D
 Acq On : 24 Dec 2022 08:57
 Operator : CG/JU
 Sample : N6015-17DL 5X
 Misc :
 ALS Vial : 69 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Dec 25 02:54:42 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM122222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 24 05:23:31 2022
 Response via : Initial Calibration

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

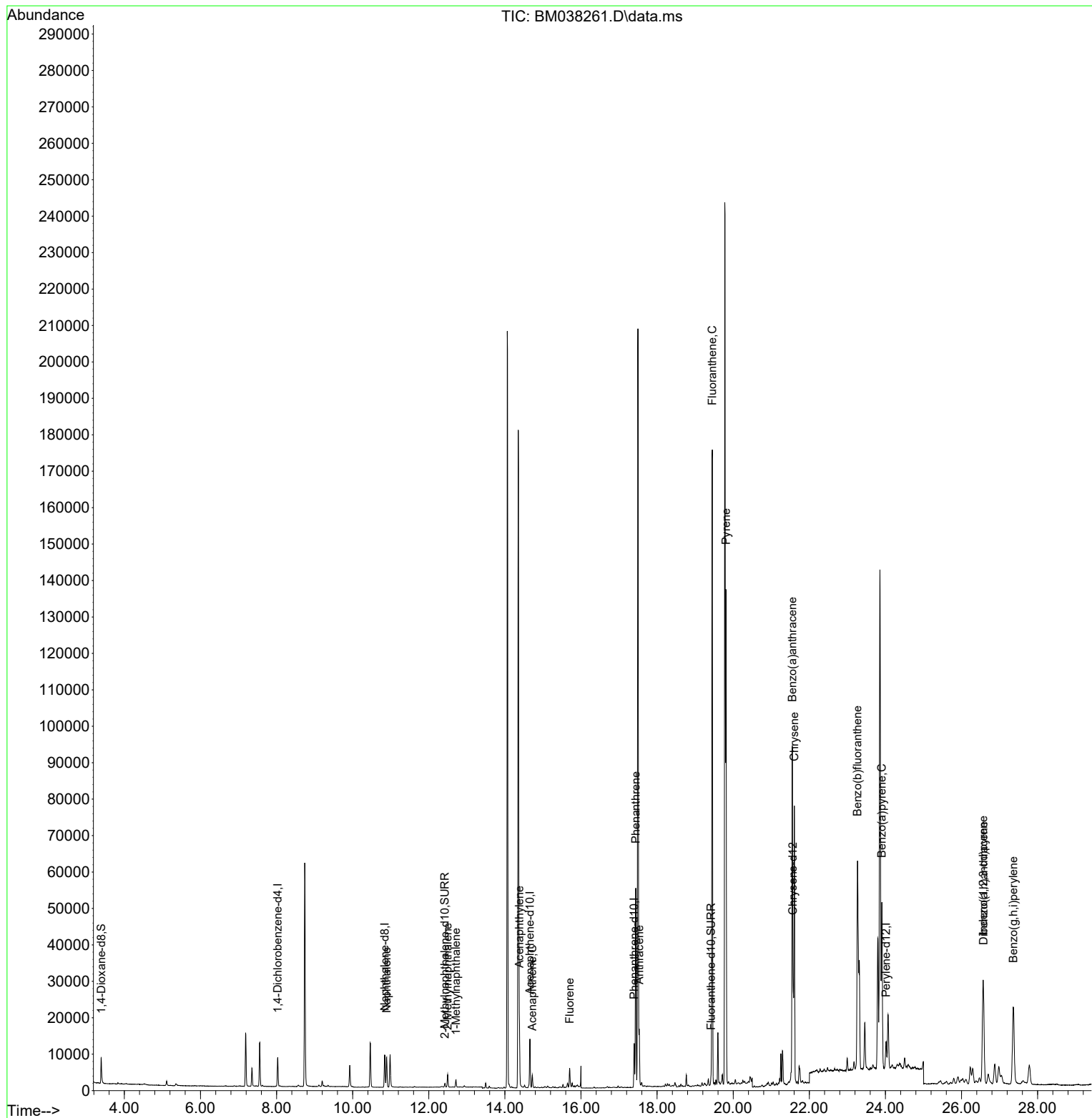
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.030	152	4053	0.400	ng/ul	0.00
4) Naphthalene-d8	10.845	136	11937	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.657	164	6894	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.396	188	13936	0.400	ng/ul	0.00
17) Chrysene-d12	21.568	240	9548	0.400	ng/ul	0.00
23) Perylene-d12	24.015	264	9995	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.393	96	4563	1.107	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.423	152	1319	0.075	ng/ul	0.00
18) Fluoranthene-d10	19.417	212	2597	0.072	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.895	128	11081	0.317	ng/ul	99
7) 2-Methylnaphthalene	12.495	142	2305	0.106	ng/ul	98
8) 1-Methylnaphthalene	12.715	142	1316	0.059	ng/ul	98
10) Acenaphthylene	14.379	152	19098	0.502	ng/ul	99
11) Acenaphthene	14.722	153	2008	0.074	ng/ul	98
12) Fluorene	15.702	166	3438	0.117	ng/ul	98
15) Phenanthrene	17.438	178	55887	1.198	ng/ul	99
16) Anthracene	17.531	178	15420	0.344	ng/ul	99
19) Fluoranthene	19.450	202	147752	2.825	ng/ul	97
20) Pyrene	19.812	202	115577	2.187	ng/ul	96
21) Benzo(a)anthracene	21.553	228	75730	1.808	ng/ul	95
22) Chrysene	21.606	228	73436	1.802	ng/ul	98
24) Benzo(b)fluoranthene	23.266	252	103839	2.347	ng/ul	89
26) Benzo(a)pyrene	23.906	252	67127	1.739	ng/ul#	86
27) Indeno(1,2,3-cd)pyrene	26.569	276	50141	0.937	ng/ul#	89
28) Dibenzo(a,h)anthracene	26.579	278	12196	0.293	ng/ul#	88
29) Benzo(g,h,i)perylene	27.360	276	47958	1.064	ng/ul	95

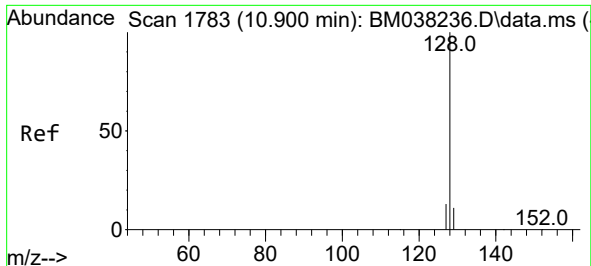
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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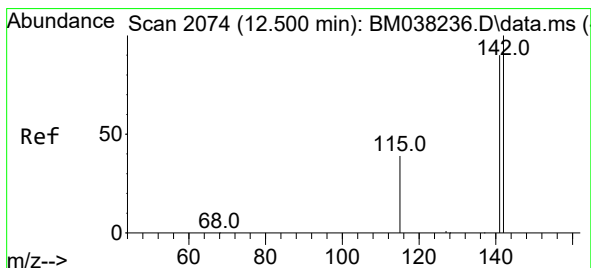
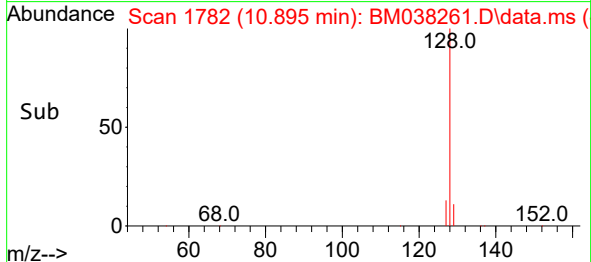
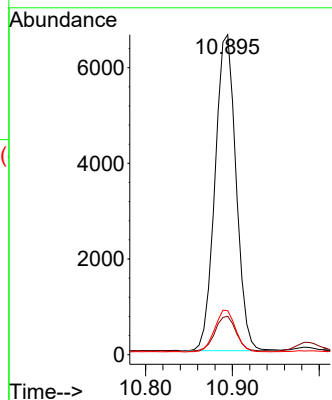
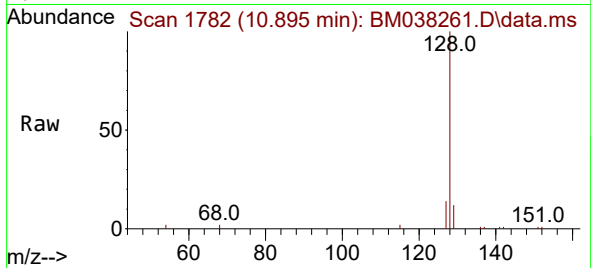




#5
Naphthalene
Concen: 0.317 ng/ul
RT: 10.895 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM038261.D
Acq: 24 Dec 2022 08:57

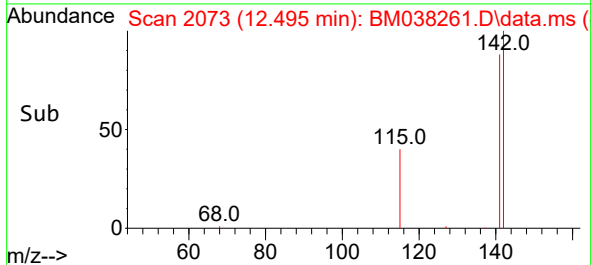
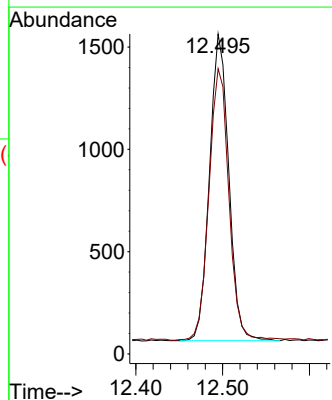
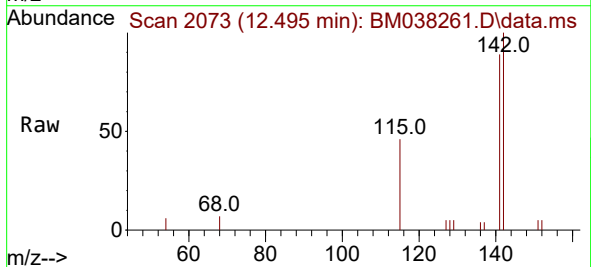
Instrument :
BNA_M
ClientSampleId :

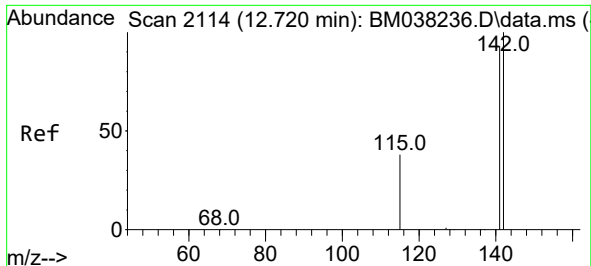
Tgt Ion:128 Resp: 11081
Ion Ratio Lower Upper
128 100
129 12.0 9.4 14.0
127 13.8 10.7 16.1



#7
2-Methylnaphthalene
Concen: 0.106 ng/ul
RT: 12.495 min Scan# 2073
Delta R.T. 0.000 min
Lab File: BM038261.D
Acq: 24 Dec 2022 08:57

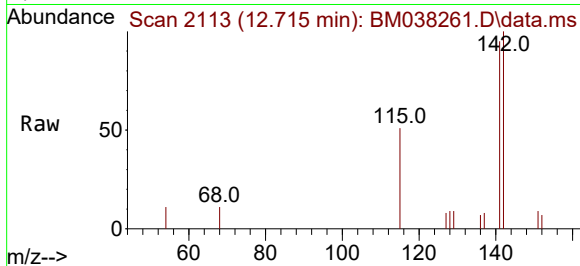
Tgt Ion:142 Resp: 2305
Ion Ratio Lower Upper
142 100
141 92.1 71.9 107.9



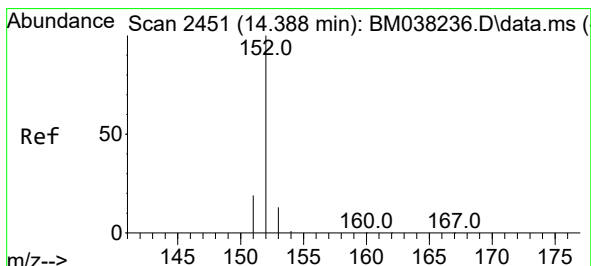
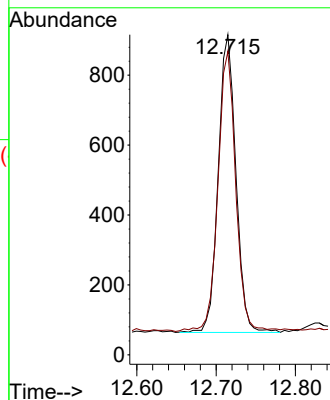
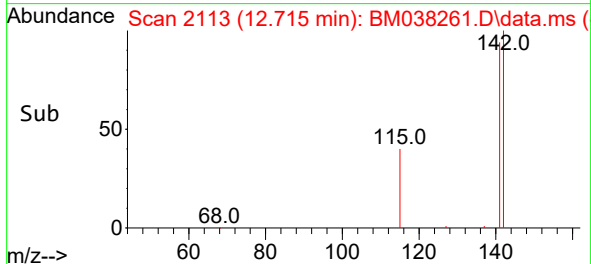


#8
1-Methylnaphthalene
Concen: 0.059 ng/ul
RT: 12.715 min Scan# 2113
Delta R.T. 0.000 min
Lab File: BM038261.D
Acq: 24 Dec 2022 08:57

Instrument :
BNA_M
ClientSampleId :

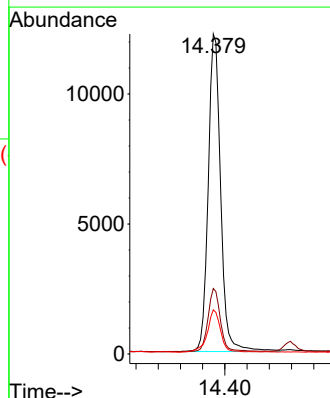
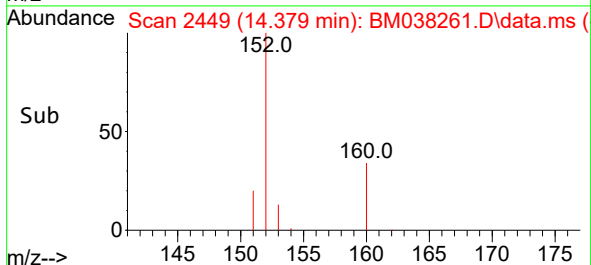
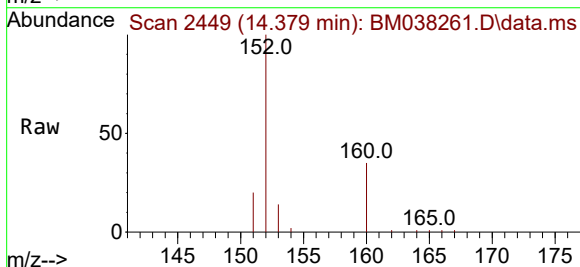


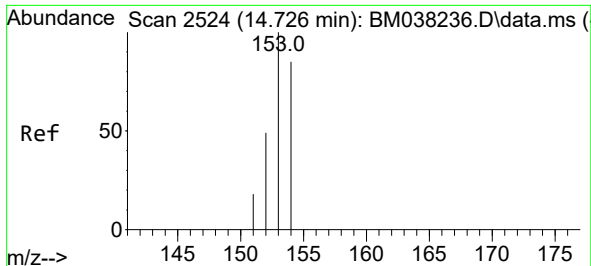
Tgt Ion:142 Resp: 1316
Ion Ratio Lower Upper
142 100
141 95.2 74.7 112.1



#10
Acenaphthylene
Concen: 0.502 ng/ul
RT: 14.379 min Scan# 2449
Delta R.T. 0.000 min
Lab File: BM038261.D
Acq: 24 Dec 2022 08:57

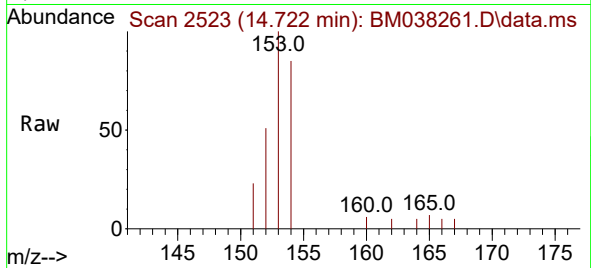
Tgt Ion:152 Resp: 19098
Ion Ratio Lower Upper
152 100
151 20.5 16.2 24.2
153 13.8 10.7 16.1



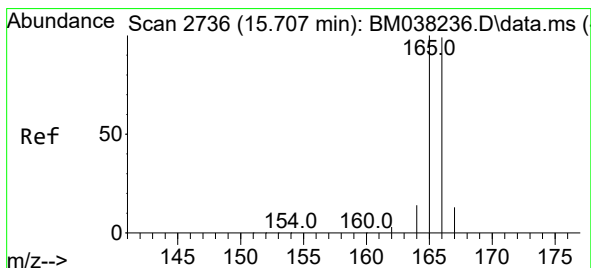
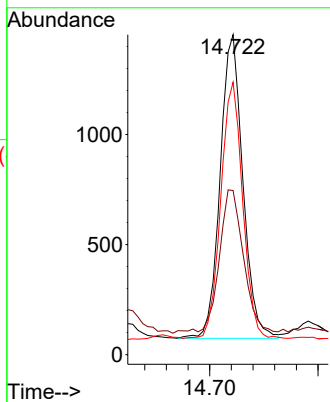
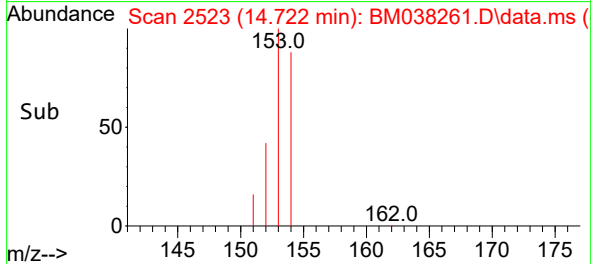


#11
Acenaphthene
Concen: 0.074 ng/ul
RT: 14.722 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM038261.D
Acq: 24 Dec 2022 08:57

Instrument :
BNA_M
ClientSampleId :

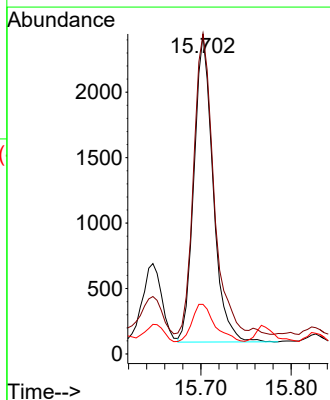
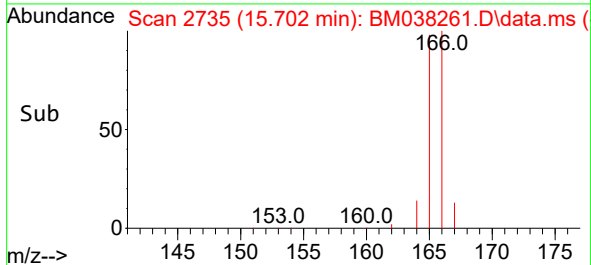
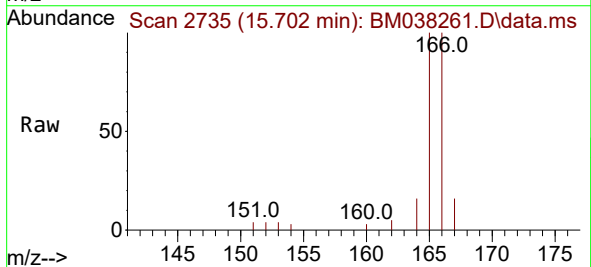


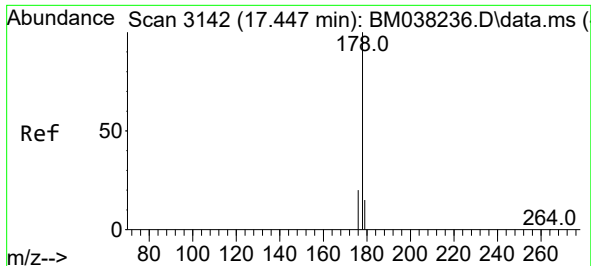
Tgt Ion:153 Resp: 2008
Ion Ratio Lower Upper
153 100
152 51.3 39.4 59.0
154 85.1 69.0 103.4



#12
Fluorene
Concen: 0.117 ng/ul
RT: 15.702 min Scan# 2735
Delta R.T. 0.000 min
Lab File: BM038261.D
Acq: 24 Dec 2022 08:57

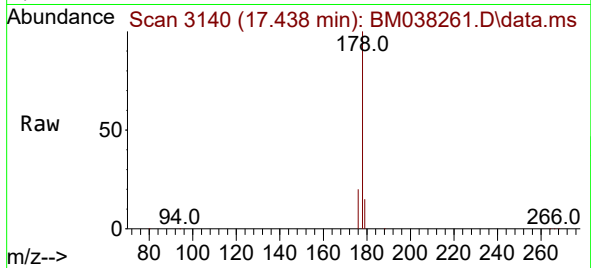
Tgt Ion:166 Resp: 3438
Ion Ratio Lower Upper
166 100
165 100.5 79.0 118.6
167 15.6 11.0 16.6



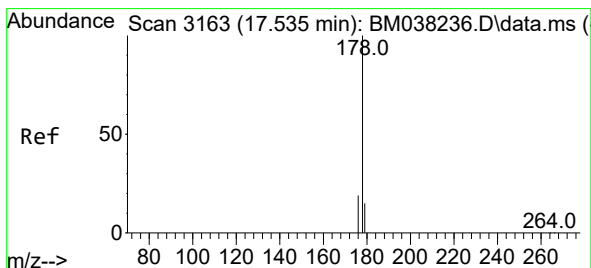
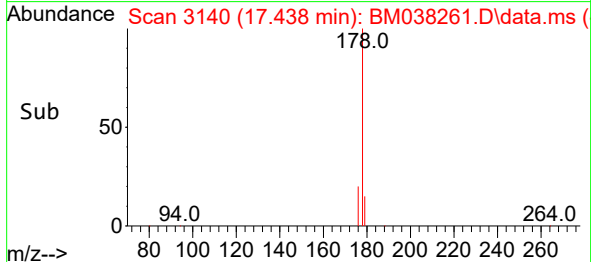
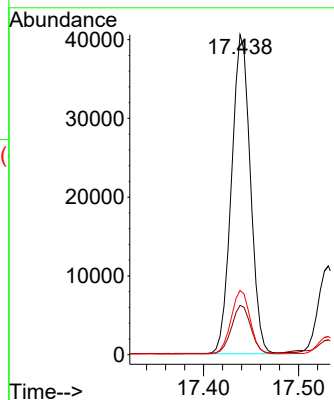


#15
Phenanthrene
Concen: 1.198 ng/ul
RT: 17.438 min Scan# 3140
Delta R.T. 0.000 min
Lab File: BM038261.D
Acq: 24 Dec 2022 08:57

Instrument :
BNA_M
ClientSampleId :

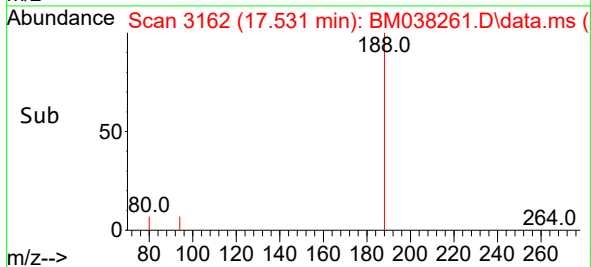
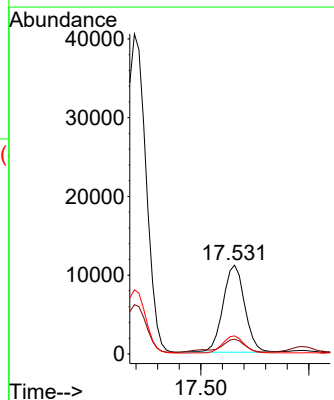
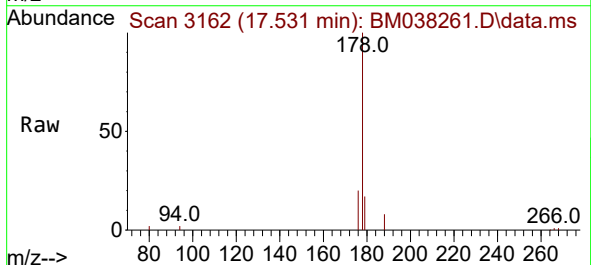


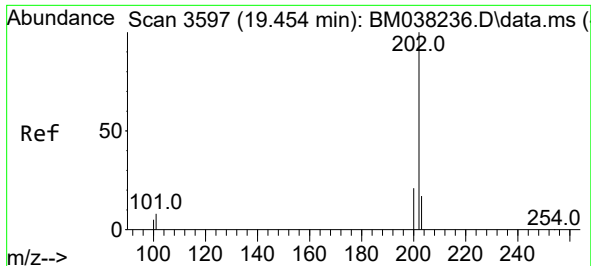
Tgt Ion:178 Resp: 55887
Ion Ratio Lower Upper
178 100
179 15.4 13.0 19.4
176 20.1 16.2 24.4



#16
Anthracene
Concen: 0.344 ng/ul
RT: 17.531 min Scan# 3162
Delta R.T. 0.000 min
Lab File: BM038261.D
Acq: 24 Dec 2022 08:57

Tgt Ion:178 Resp: 15420
Ion Ratio Lower Upper
178 100
179 16.6 13.0 19.6
176 20.3 15.6 23.4

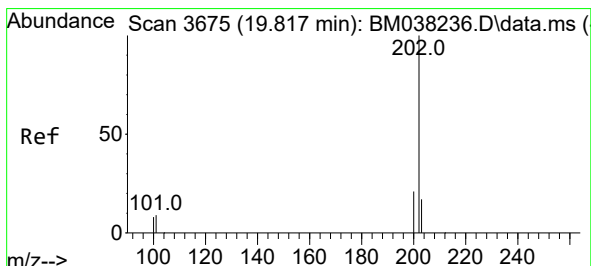
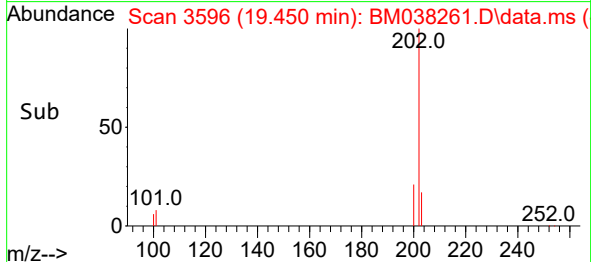
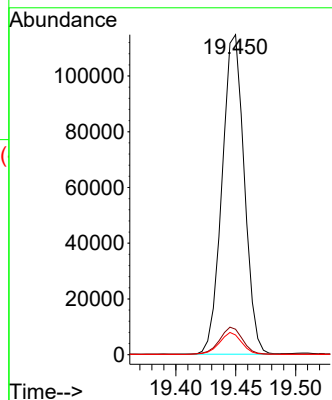
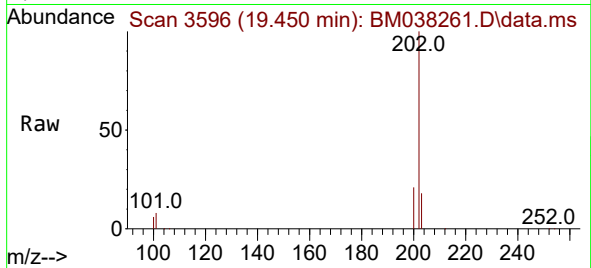




#19
Fluoranthene
Concen: 2.825 ng/ul
RT: 19.450 min Scan# 3597
Delta R.T. 0.000 min
Lab File: BM038261.D
Acq: 24 Dec 2022 08:57

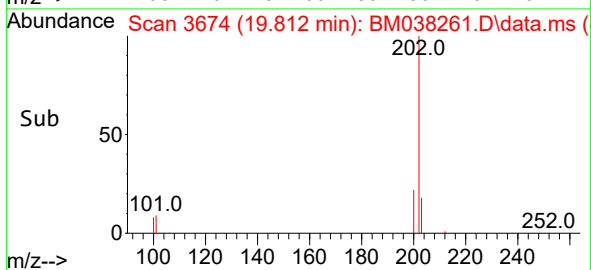
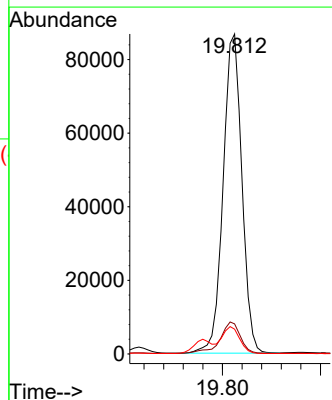
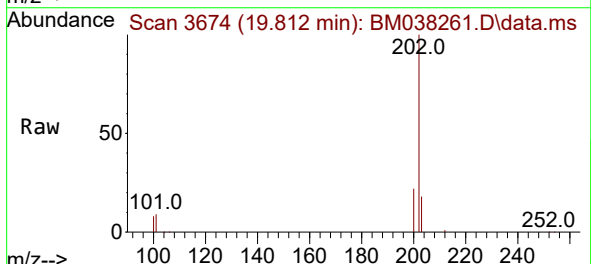
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BNA_M
ClientSampleId :

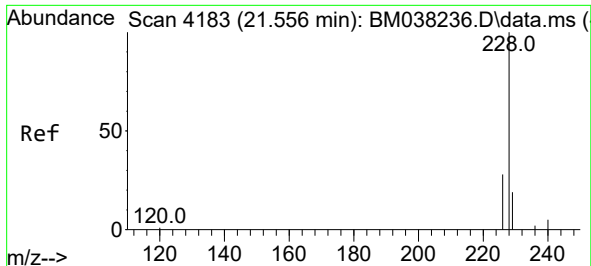
Tgt Ion:202 Resp: 147752
Ion Ratio Lower Upper
202 100
101 7.9 7.5 11.3
100 6.1 5.6 8.4



#20
Pyrene
Concen: 2.187 ng/ul
RT: 19.812 min Scan# 3674
Delta R.T. 0.000 min
Lab File: BM038261.D
Acq: 24 Dec 2022 08:57

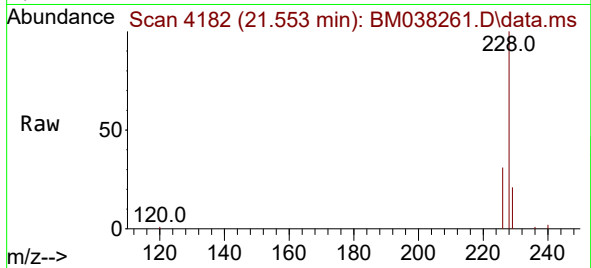
Tgt Ion:202 Resp: 115577
Ion Ratio Lower Upper
202 100
101 9.4 8.9 13.3
100 7.7 7.4 11.0



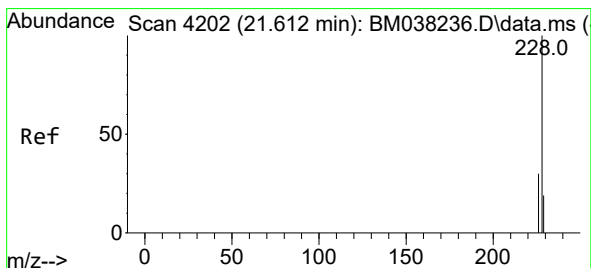
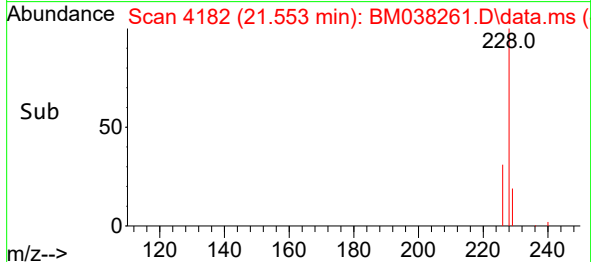
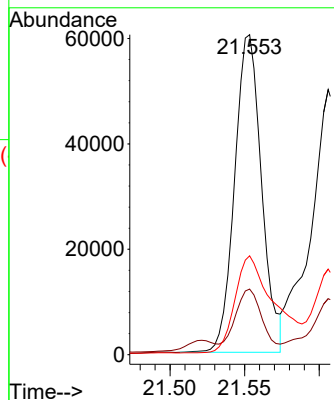


#21
Benzo(a)anthracene
Concen: 1.808 ng/ul
RT: 21.553 min Scan# 4183
Delta R.T. 0.003 min
Lab File: BM038261.D
Acq: 24 Dec 2022 08:57

Instrument :
BNA_M
ClientSampleId :

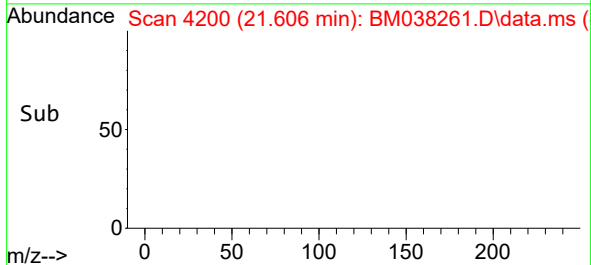
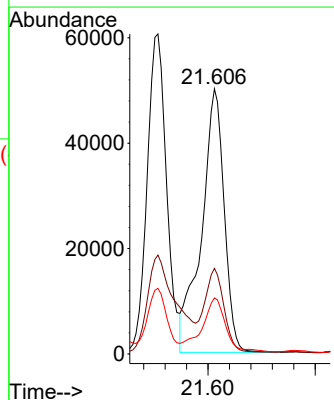
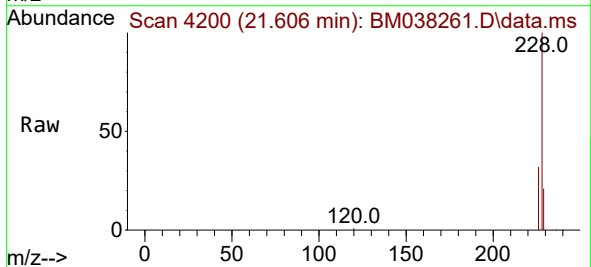


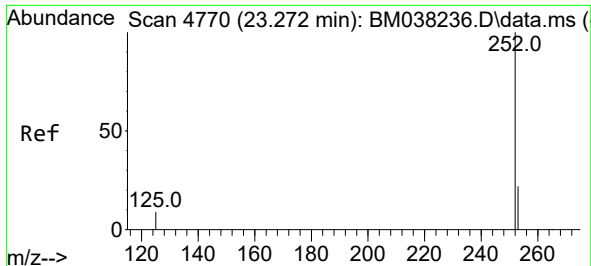
Tgt Ion:228 Resp: 75730
Ion Ratio Lower Upper
228 100
229 20.5 15.5 23.3
226 30.9 22.2 33.2



#22
Chrysene
Concen: 1.802 ng/ul
RT: 21.606 min Scan# 4200
Delta R.T. 0.000 min
Lab File: BM038261.D
Acq: 24 Dec 2022 08:57

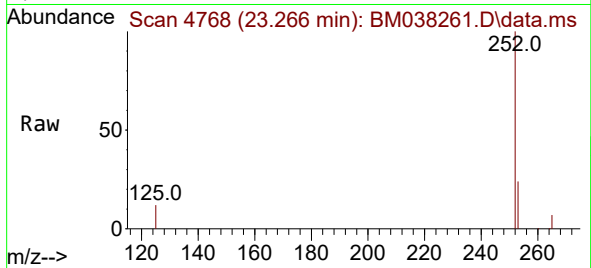
Tgt Ion:228 Resp: 73436
Ion Ratio Lower Upper
228 100
226 32.3 25.0 37.4
229 21.1 16.0 24.0



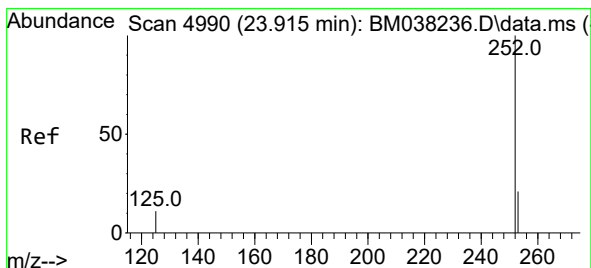
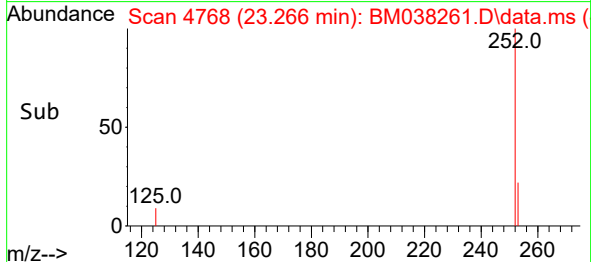
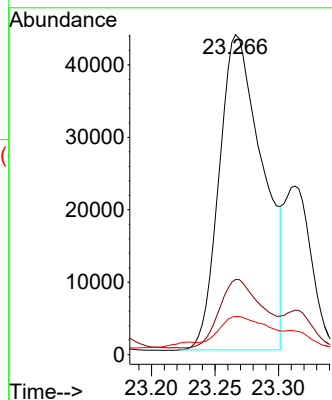


#24
Benzo(b)fluoranthene
Concen: 2.347 ng/ul
RT: 23.266 min Scan# 41
Delta R.T. 0.000 min
Lab File: BM038261.D
Acq: 24 Dec 2022 08:57

Instrument :
BNA_M
ClientSampleId :

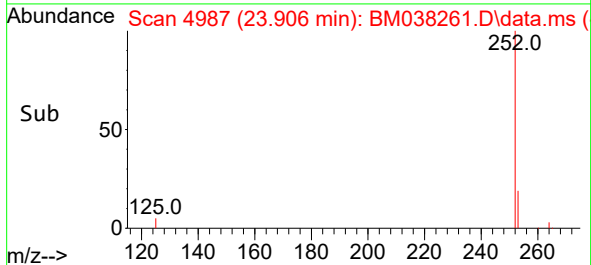
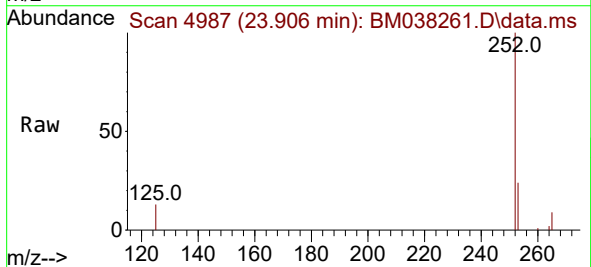
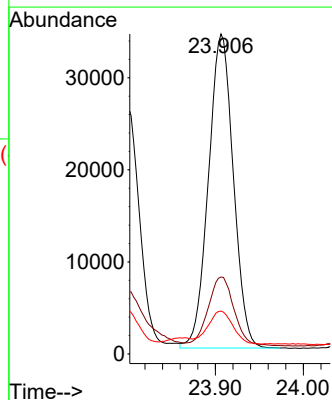


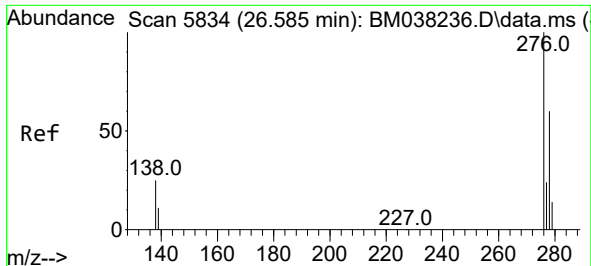
Tgt Ion:252 Resp: 103839
Ion Ratio Lower Upper
252 100
253 23.5 0.0 56.0
125 12.0 0.0 36.6



#26
Benzo(a)pyrene
Concen: 1.739 ng/ul
RT: 23.906 min Scan# 4987
Delta R.T. 0.000 min
Lab File: BM038261.D
Acq: 24 Dec 2022 08:57

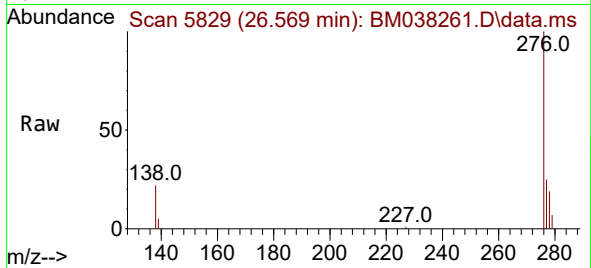
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Ion Ratio Lower Upper
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253 24.1 24.2 36.4#
125 13.4 17.3 25.9#



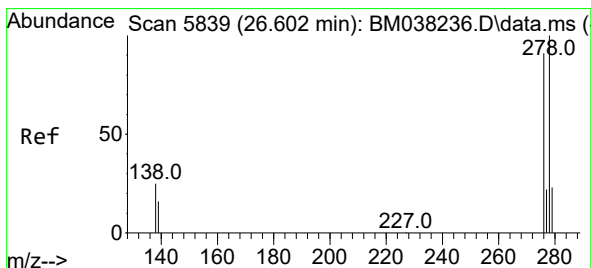
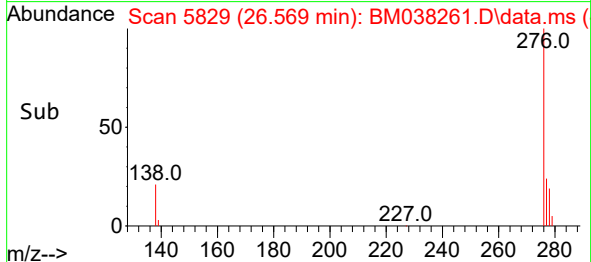
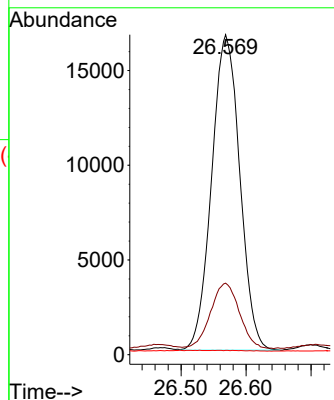


#27
 Indeno(1,2,3-cd)pyrene
 Concen: 0.937 ng/ul
 RT: 26.569 min Scan# 5829
 Delta R.T. 0.000 min
 Lab File: BM038261.D
 Acq: 24 Dec 2022 08:57

Instrument :
 BNA_M
 ClientSampleId :

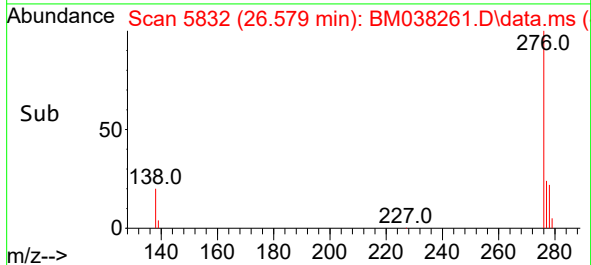
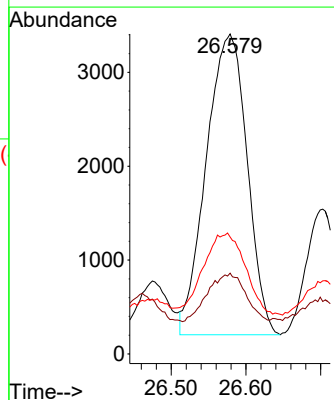
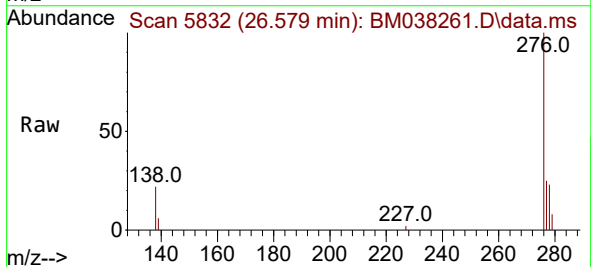


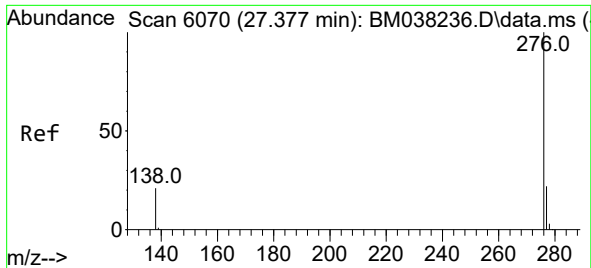
Tgt Ion:276 Resp: 50141
 Ion Ratio Lower Upper
 276 100
 138 21.3 21.7 32.5#
 227 0.0 0.0 0.0



#28
 Dibenzo(a,h)anthracene
 Concen: 0.293 ng/ul
 RT: 26.579 min Scan# 5832
 Delta R.T. -0.010 min
 Lab File: BM038261.D
 Acq: 24 Dec 2022 08:57

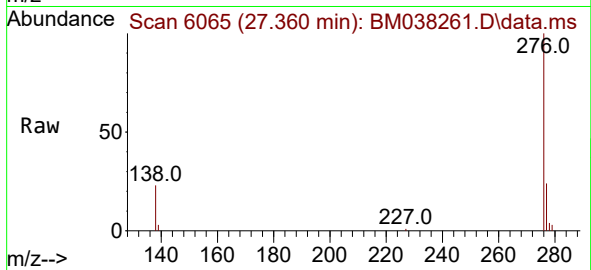
Tgt Ion:278 Resp: 12196
 Ion Ratio Lower Upper
 278 100
 139 25.3 16.8 25.2#
 279 36.6 23.4 35.2#





#29
Benzo(g,h,i)perylene
Concen: 1.064 ng/ul
RT: 27.360 min Scan# 6070
Delta R.T. 0.000 min
Lab File: BM038261.D
Acq: 24 Dec 2022 08:57

Instrument :
BNA_M
ClientSampleId :



Tgt Ion:276 Resp: 47958
Ion Ratio Lower Upper
276 100
138 22.9 20.8 31.2
277 24.1 20.5 30.7

