

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122222\
 Data File : BM038276.D
 Acq On : 24 Dec 2022 18:32
 Operator : CG/JU
 Sample : N6018-20DL 5X
 Misc :
 ALS Vial : 84 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Dec 25 02:56:58 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

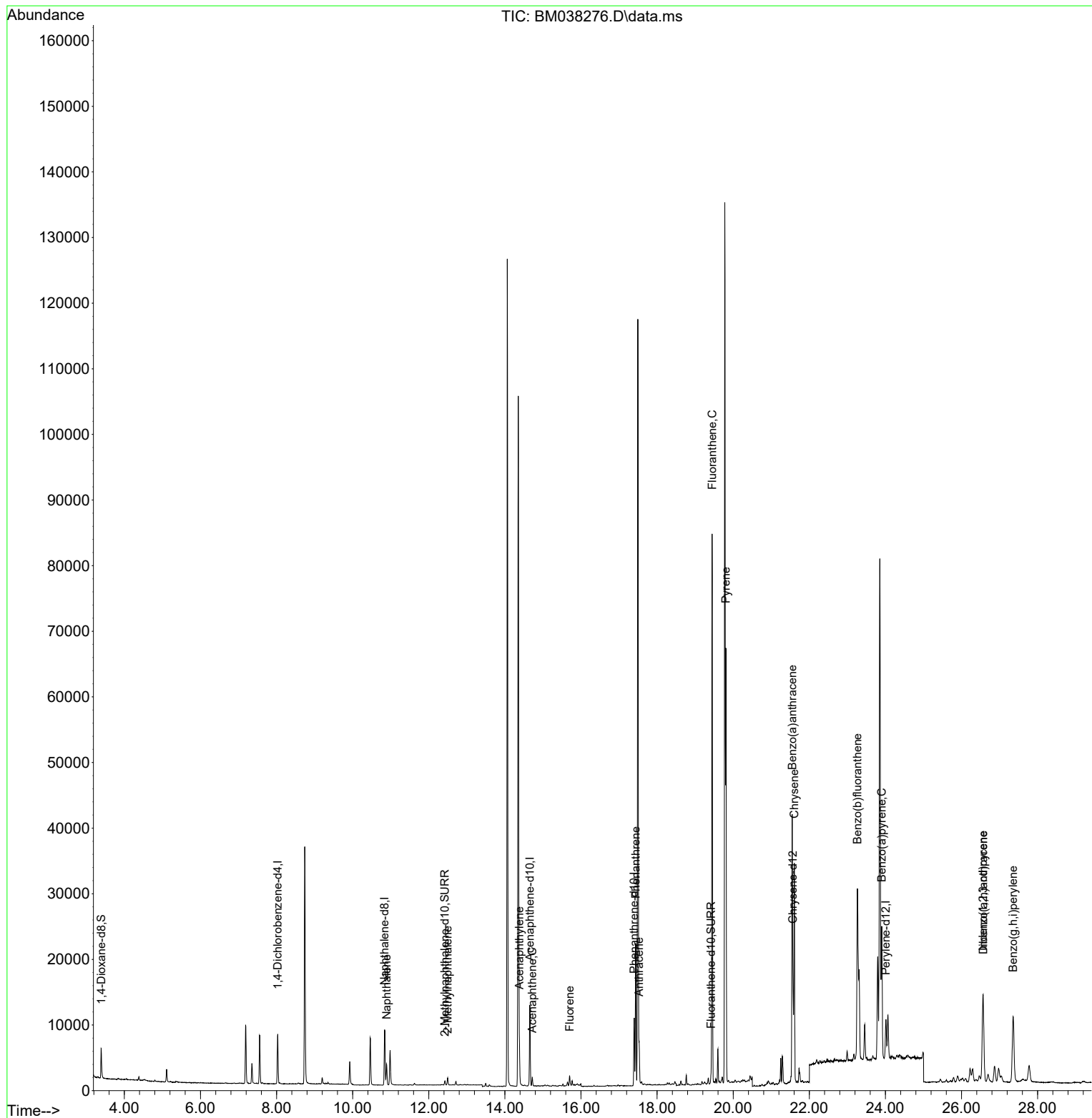
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.030	152	3850	0.400	ng/ul	0.00
4) Naphthalene-d8	10.840	136	11283	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.657	164	6424	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.396	188	11957	0.400	ng/ul	0.00
17) Chrysene-d12	21.568	240	8414	0.400	ng/ul	0.00
23) Perylene-d12	24.012	264	8136	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.393	96	2820	0.720	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.423	152	835	0.050	ng/ul	0.00
18) Fluoranthene-d10	19.417	212	1421	0.045	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.889	128	4344	0.131	ng/ul	96
7) 2-Methylnaphthalene	12.495	142	759	0.037	ng/ul	98
10) Acenaphthylene	14.379	152	6878	0.194	ng/ul	98
11) Acenaphthene	14.717	153	743	0.029	ng/ul	95
12) Fluorene	15.702	166	1026	0.037	ng/ul#	92
15) Phenanthrene	17.438	178	21751	0.544	ng/ul	100
16) Anthracene	17.527	178	5997	0.156	ng/ul	96
19) Fluoranthene	19.445	202	69717	1.512	ng/ul	98
20) Pyrene	19.808	202	55128	1.184	ng/ul	97
21) Benzo(a)anthracene	21.550	228	33283	0.902	ng/ul	96
22) Chrysene	21.606	228	33114	0.922	ng/ul	99
24) Benzo(b)fluoranthene	23.263	252	46916	1.303	ng/ul	92
26) Benzo(a)pyrene	23.903	252	29684	0.945	ng/ul#	90
27) Indeno(1,2,3-cd)pyrene	26.562	276	23164	0.532	ng/ul#	89
28) Dibenzo(a,h)anthracene	26.572	278	5575	0.165	ng/ul#	77
29) Benzo(g,h,i)perylene	27.357	276	22482	0.613	ng/ul	97

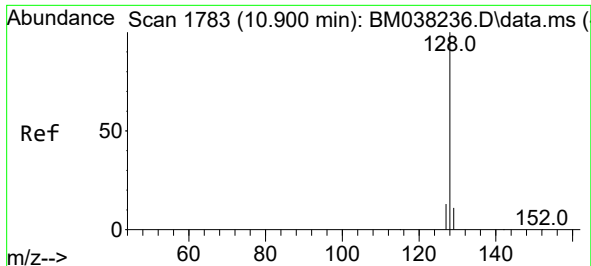
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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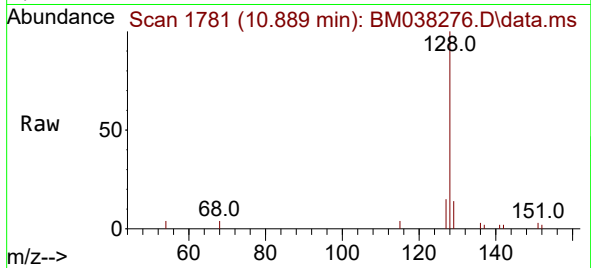
Quant Time: Dec 25 02:56:58 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM122222.M
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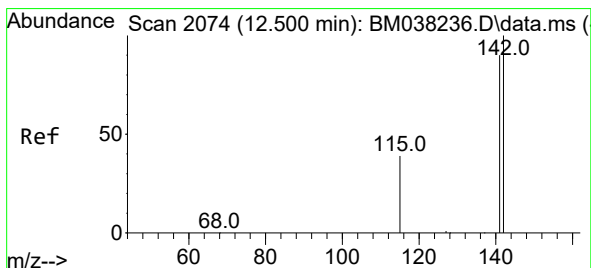
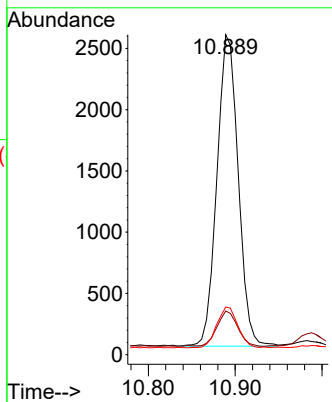
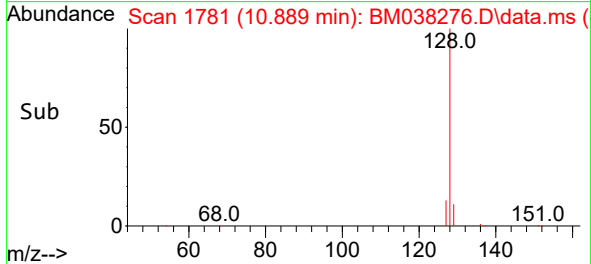


#5
Naphthalene
Concen: 0.131 ng/ul
RT: 10.889 min Scan# 1781
Delta R.T. -0.005 min
Lab File: BM038276.D
Acq: 24 Dec 2022 18:32

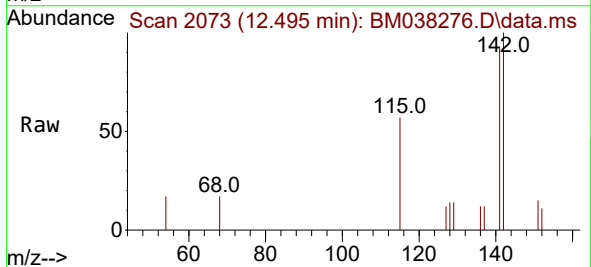
Instrument :
BNA_M
ClientSampleId :



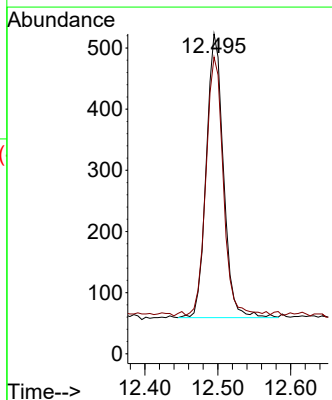
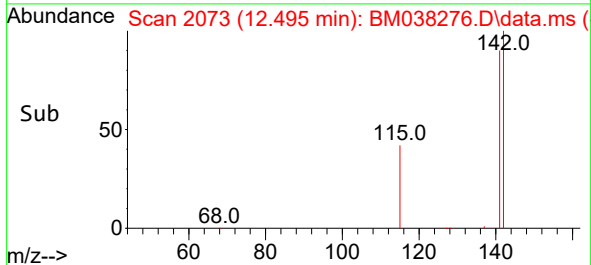
Tgt Ion:128 Resp: 4344
Ion Ratio Lower Upper
128 100
129 13.7 9.4 14.0
127 14.9 10.7 16.1

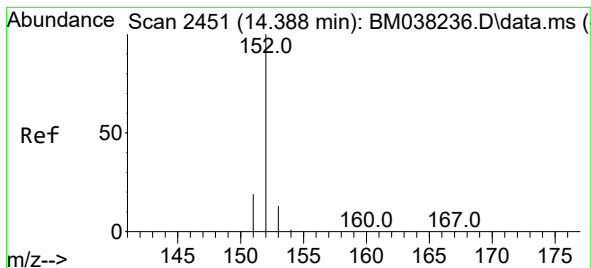


#7
2-Methylnaphthalene
Concen: 0.037 ng/ul
RT: 12.495 min Scan# 2073
Delta R.T. 0.000 min
Lab File: BM038276.D
Acq: 24 Dec 2022 18:32



Tgt Ion:142 Resp: 759
Ion Ratio Lower Upper
142 100
141 91.8 71.9 107.9





#10

Acenaphthylene

Concen: 0.194 ng/ul

RT: 14.379 min Scan# 2449

Delta R.T. 0.000 min

Lab File: BM038276.D

Acq: 24 Dec 2022 18:32

Instrument :

BNA_M

ClientSampleId :

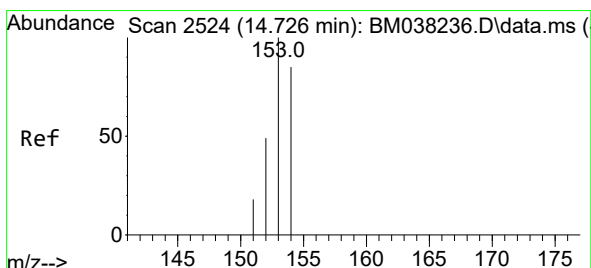
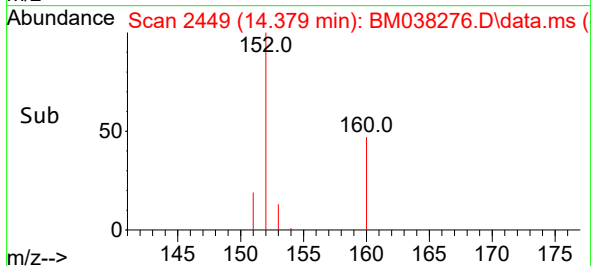
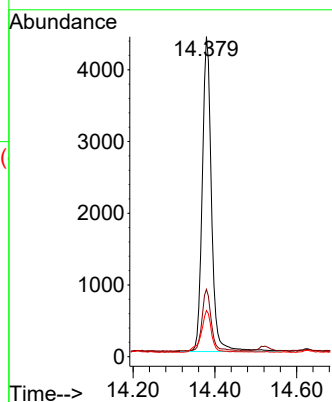
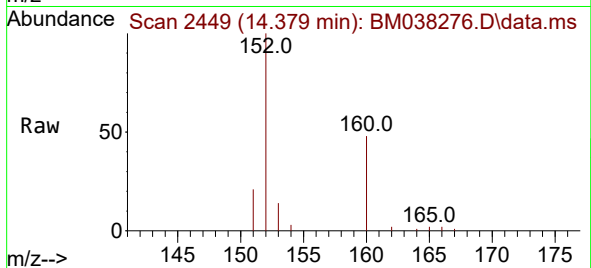
Tgt Ion:152 Resp: 6878

Ion Ratio Lower Upper

152 100

151 21.0 16.2 24.2

153 14.4 10.7 16.1



#11

Acenaphthene

Concen: 0.029 ng/ul

RT: 14.717 min Scan# 2522

Delta R.T. -0.005 min

Lab File: BM038276.D

Acq: 24 Dec 2022 18:32

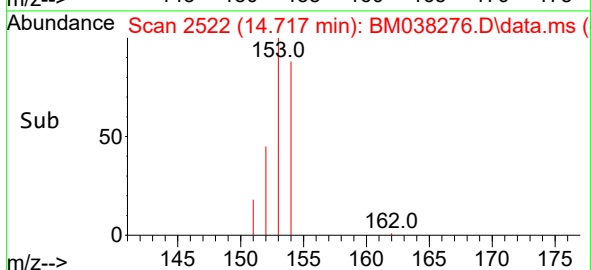
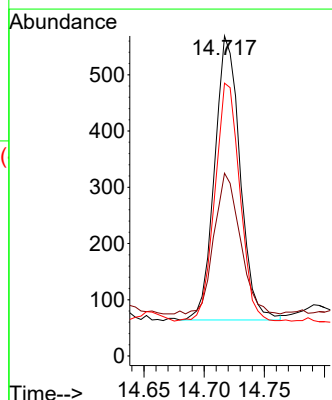
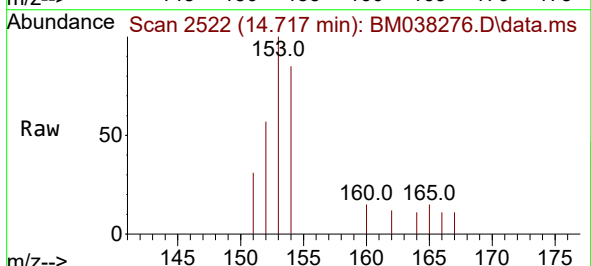
Tgt Ion:153 Resp: 743

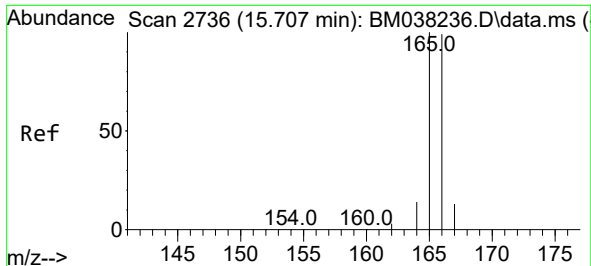
Ion Ratio Lower Upper

153 100

152 57.1 39.4 59.0

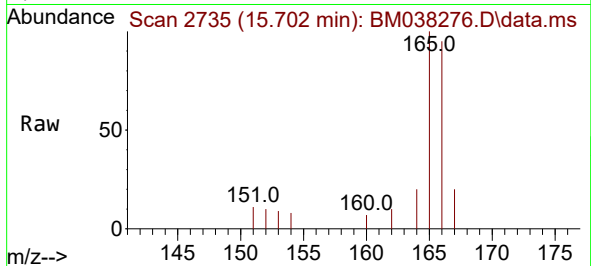
154 85.2 69.0 103.4



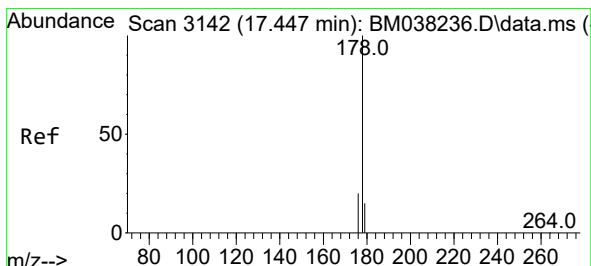
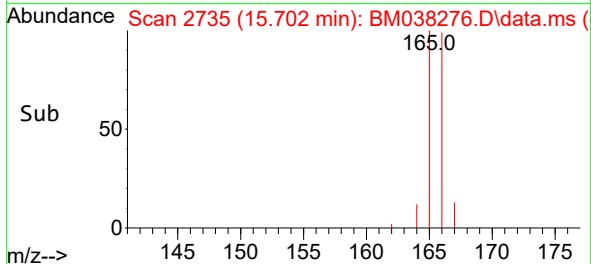
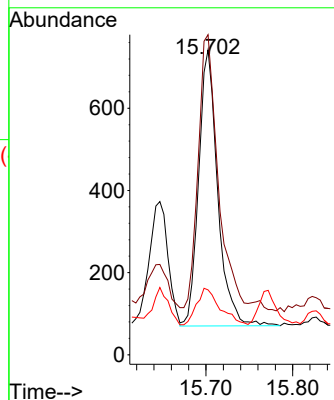


#12
Fluorene
Concen: 0.037 ng/ul
RT: 15.702 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM038276.D
Acq: 24 Dec 2022 18:32

Instrument :
BNA_M
ClientSampleId :

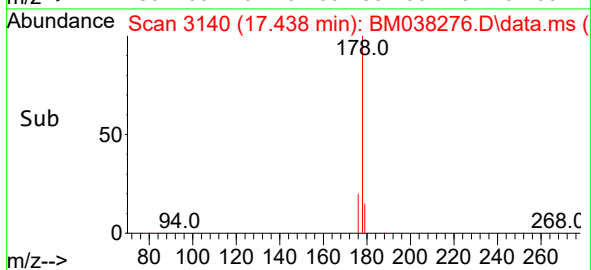
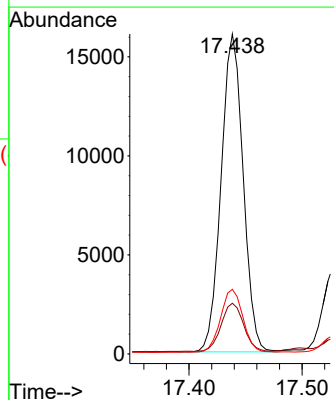
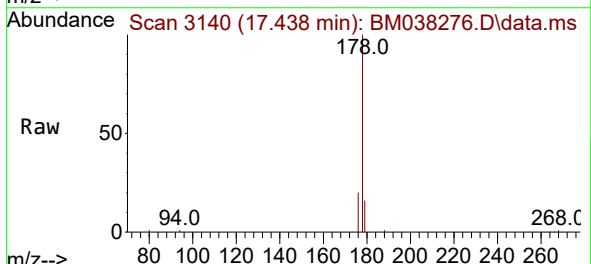


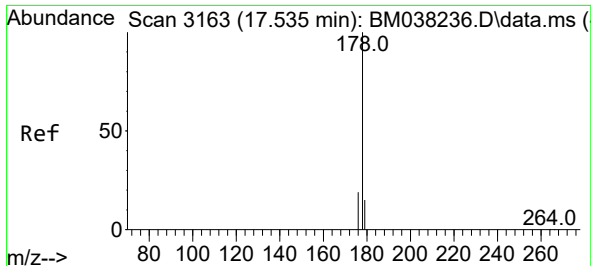
Tgt Ion:166 Resp: 1026
Ion Ratio Lower Upper
166 100
165 105.0 79.0 118.6
167 21.3 11.0 16.6#



#15
Phenanthrene
Concen: 0.544 ng/ul
RT: 17.438 min Scan# 3140
Delta R.T. 0.000 min
Lab File: BM038276.D
Acq: 24 Dec 2022 18:32

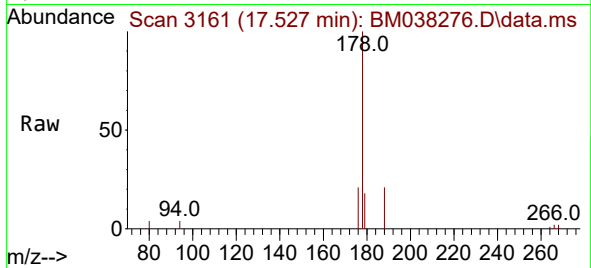
Tgt Ion:178 Resp: 21751
Ion Ratio Lower Upper
178 100
179 15.9 13.0 19.4
176 20.2 16.2 24.4



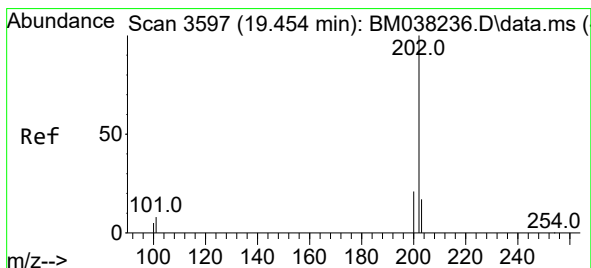
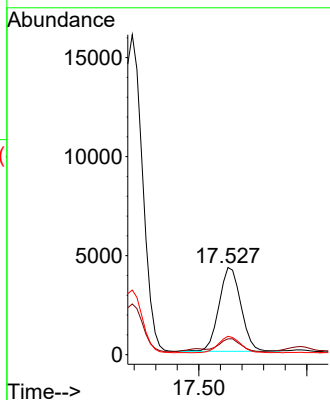
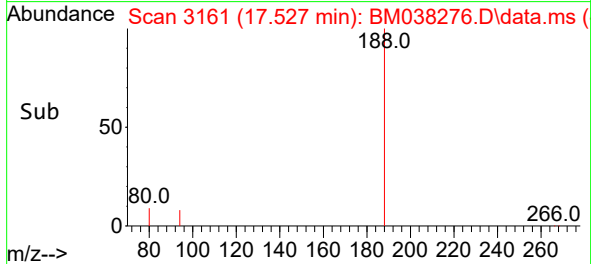


#16
 Anthracene
 Concen: 0.156 ng/ul
 RT: 17.527 min Scan# 3161
 Delta R.T. -0.004 min
 Lab File: BM038276.D
 Acq: 24 Dec 2022 18:32

Instrument :
 BNA_M
 ClientSampleId :

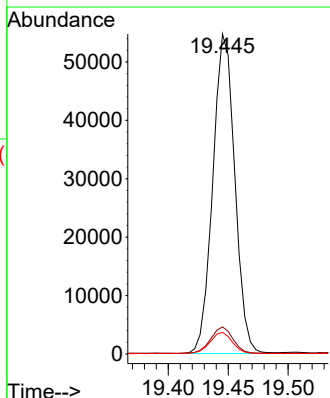
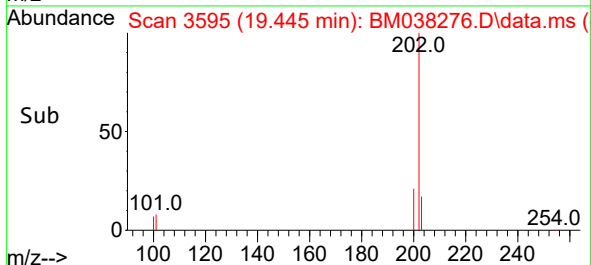
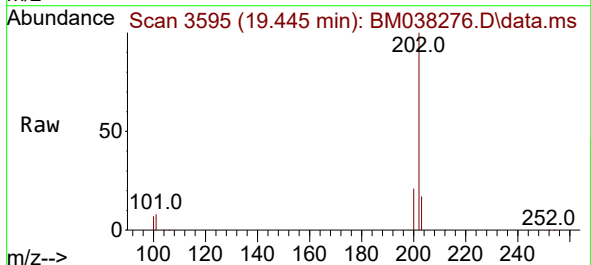


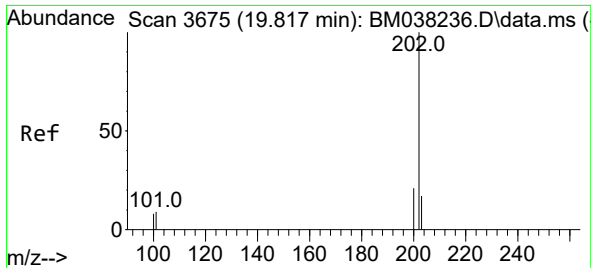
Tgt Ion:178 Resp: 5997
 Ion Ratio Lower Upper
 178 100
 179 18.1 13.0 19.6
 176 21.2 15.6 23.4



#19
 Fluoranthene
 Concen: 1.512 ng/ul
 RT: 19.445 min Scan# 3595
 Delta R.T. -0.005 min
 Lab File: BM038276.D
 Acq: 24 Dec 2022 18:32

Tgt Ion:202 Resp: 69717
 Ion Ratio Lower Upper
 202 100
 101 8.4 7.5 11.3
 100 6.8 5.6 8.4

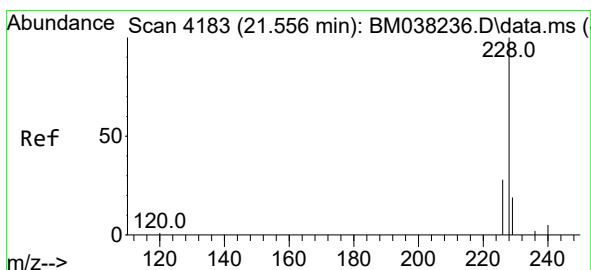
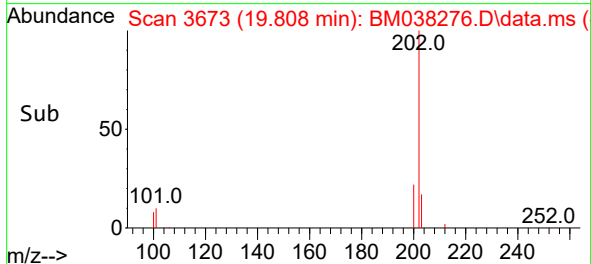
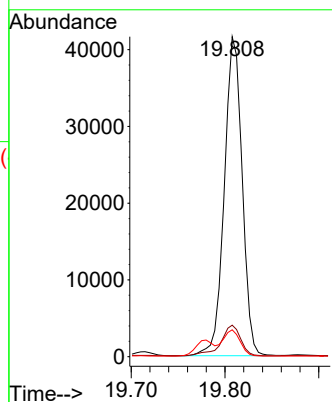
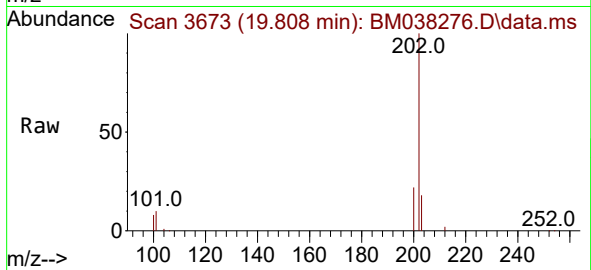




#20
Pyrene
Concen: 1.184 ng/ul
RT: 19.808 min Scan# 3673
Delta R.T. -0.005 min
Lab File: BM038276.D
Acq: 24 Dec 2022 18:32

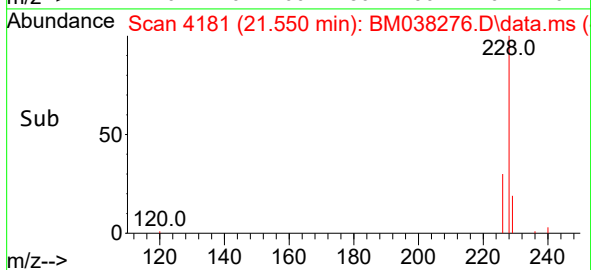
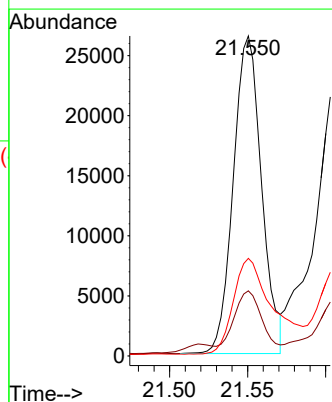
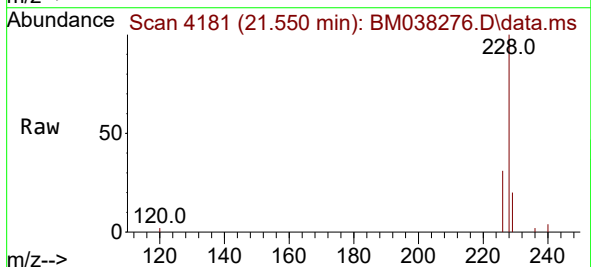
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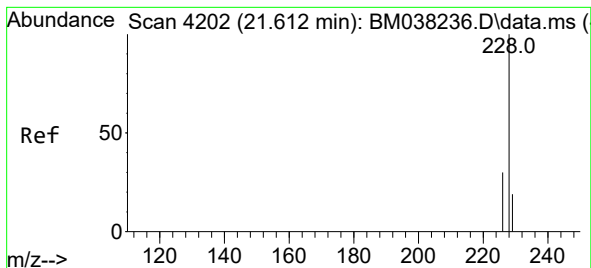
Tgt Ion:202 Resp: 55128
Ion Ratio Lower Upper
202 100
101 9.9 8.9 13.3
100 8.4 7.4 11.0



#21
Benzo(a)anthracene
Concen: 0.902 ng/ul
RT: 21.550 min Scan# 4181
Delta R.T. 0.000 min
Lab File: BM038276.D
Acq: 24 Dec 2022 18:32

Tgt Ion:228 Resp: 33283
Ion Ratio Lower Upper
228 100
229 20.3 15.5 23.3
226 30.5 22.2 33.2





#22

Chrysene

Concen: 0.922 ng/ul

RT: 21.606 min Scan# 41

Delta R.T. 0.000 min

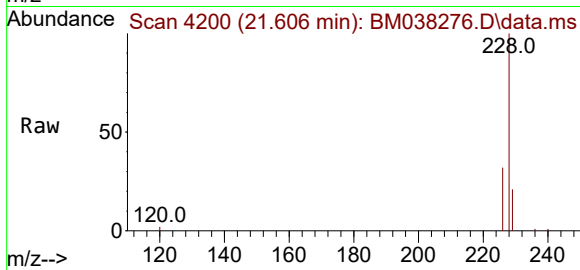
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Instrument :

BNA_M

ClientSampleId :



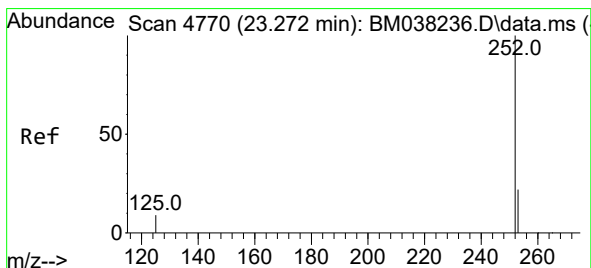
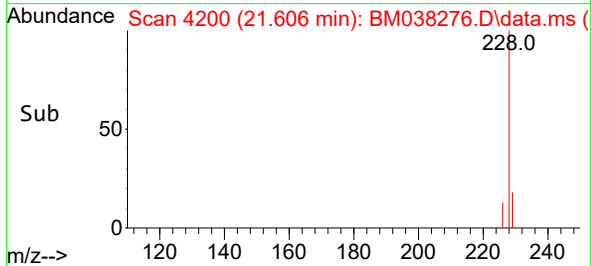
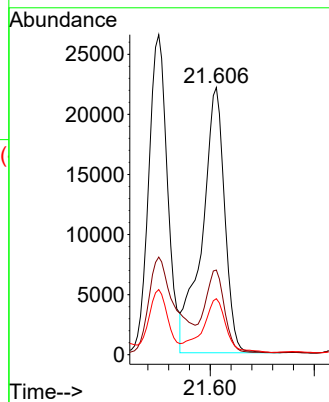
Tgt Ion:228 Resp: 33114

Ion Ratio Lower Upper

228 100

226 31.7 25.0 37.4

229 21.0 16.0 24.0



#24

Benzo(b)fluoranthene

Concen: 1.303 ng/ul

RT: 23.263 min Scan# 4767

Delta R.T. -0.003 min

Lab File: BM038276.D

Acq: 24 Dec 2022 18:32

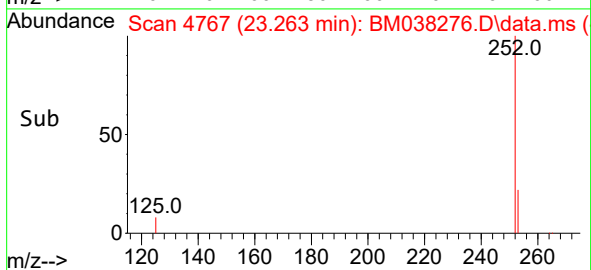
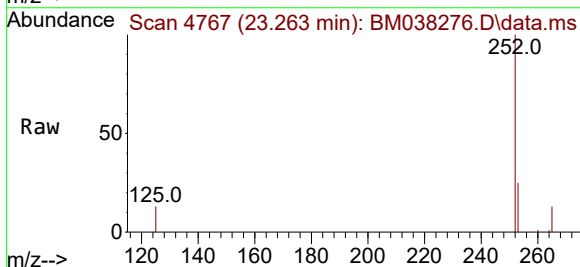
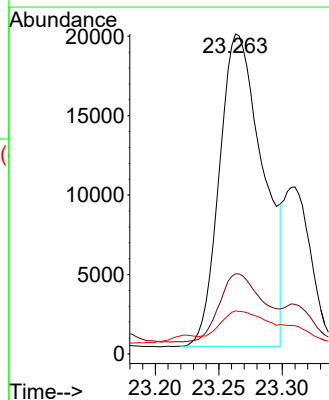
Tgt Ion:252 Resp: 46916

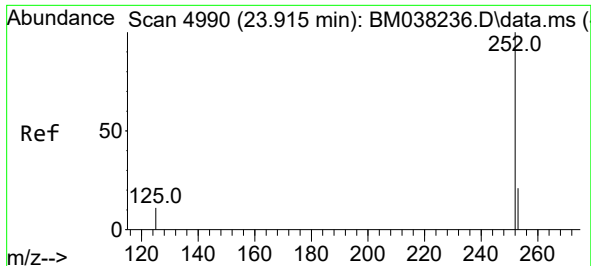
Ion Ratio Lower Upper

252 100

253 25.1 0.0 56.0

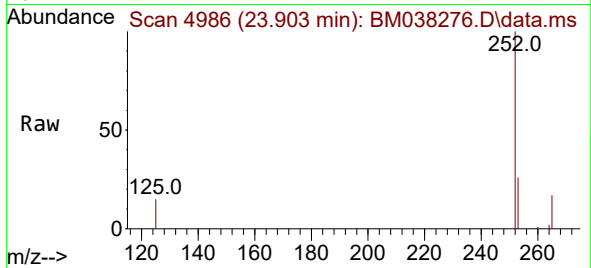
125 13.5 0.0 36.6



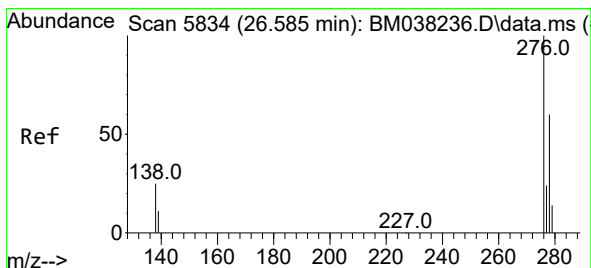
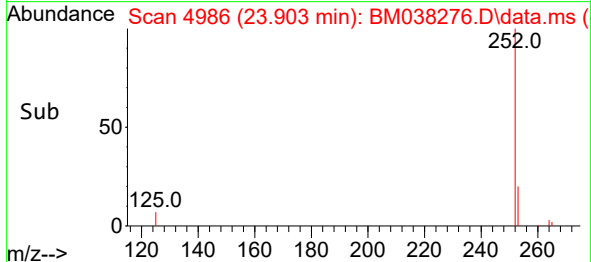
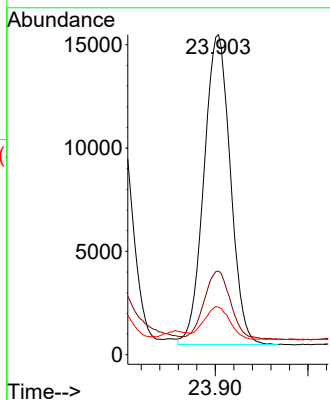


#26
Benzo(a)pyrene
Concen: 0.945 ng/ul
RT: 23.903 min Scan# 4990
Delta R.T. -0.003 min
Lab File: BM038276.D
Acq: 24 Dec 2022 18:32

Instrument :
BNA_M
ClientSampleId :

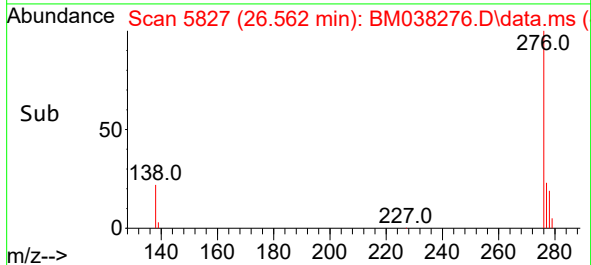
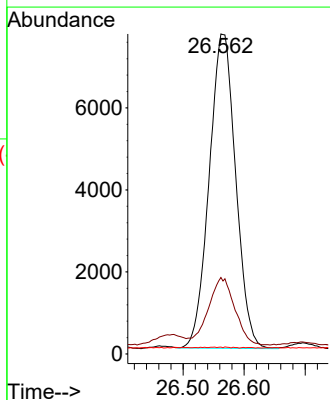
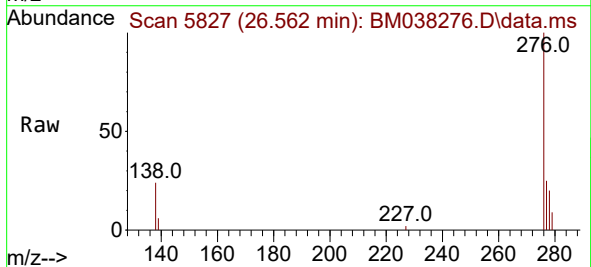


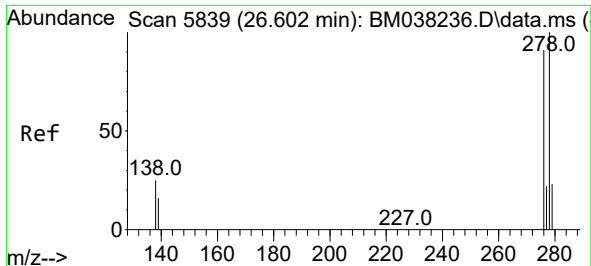
Tgt Ion:252 Resp: 29684
Ion Ratio Lower Upper
252 100
253 26.1 24.2 36.4
125 14.8 17.3 25.9#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.532 ng/ul
RT: 26.562 min Scan# 5827
Delta R.T. -0.007 min
Lab File: BM038276.D
Acq: 24 Dec 2022 18:32

Tgt Ion:276 Resp: 23164
Ion Ratio Lower Upper
276 100
138 21.6 21.7 32.5#
227 0.0 0.0 0.0#

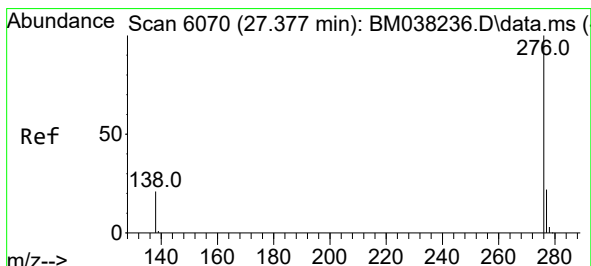
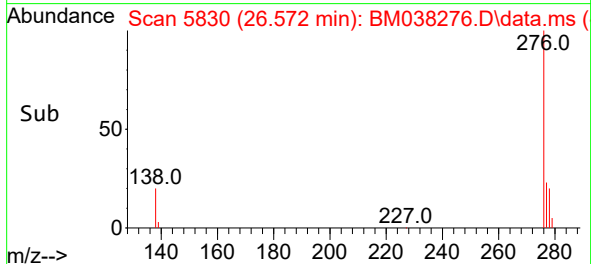
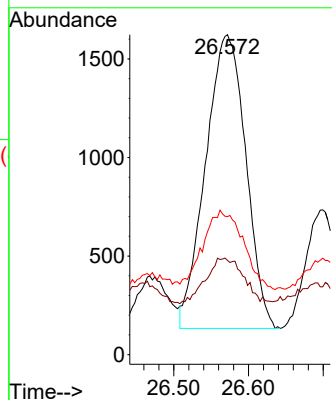
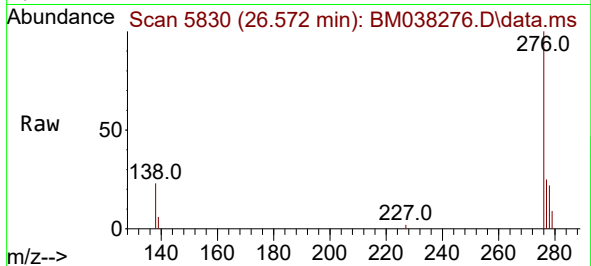




#28
Dibenzo(a,h)anthracene
Concen: 0.165 ng/ul
RT: 26.572 min Scan# 51
Delta R.T. -0.017 min
Lab File: BM038276.D
Acq: 24 Dec 2022 18:32

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:278 Resp: 5575
Ion Ratio Lower Upper
278 100
139 29.5 16.8 25.2#
279 43.1 23.4 35.2#



#29
Benzo(g,h,i)perylene
Concen: 0.613 ng/ul
RT: 27.357 min Scan# 6064
Delta R.T. -0.003 min
Lab File: BM038276.D
Acq: 24 Dec 2022 18:32

Tgt Ion:276 Resp: 22482
Ion Ratio Lower Upper
276 100
138 23.8 20.8 31.2
277 24.7 20.5 30.7

