

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122222\
 Data File : BM038265.D
 Acq On : 24 Dec 2022 11:20
 Operator : CG/JU
 Sample : N6015-22
 Misc :
 ALS Vial : 73 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Dec 25 02:55:21 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)

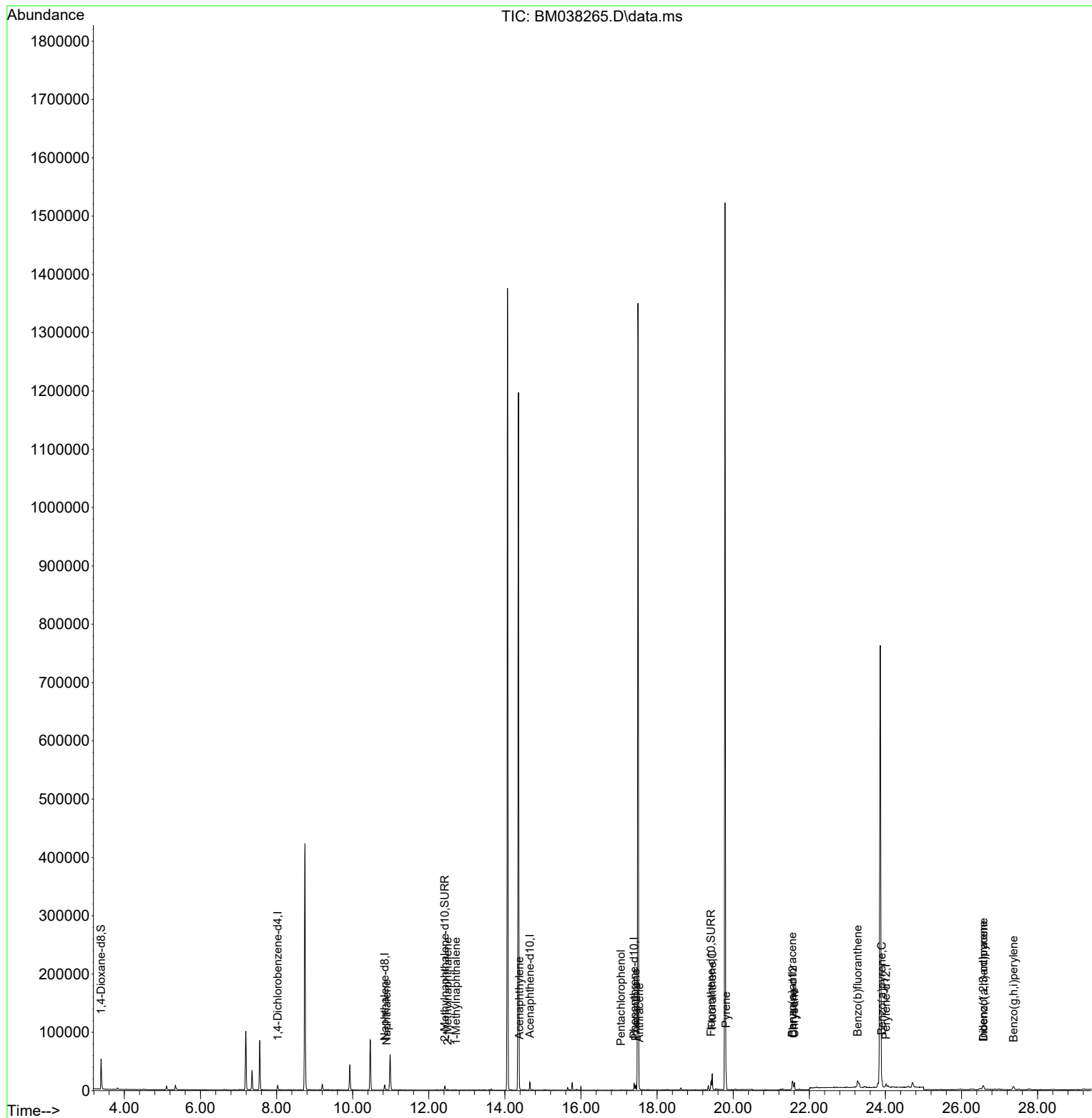
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.030	152	3890	0.400	ng/ul	0.00
4) Naphthalene-d8	10.845	136	11593	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.657	164	6832	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.396	188	13146	0.400	ng/ul	0.00
17) Chrysene-d12	21.571	240	8381	0.400	ng/ul	0.00
23) Perylene-d12	24.018	264	8420	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.389	96	29970	7.574	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.423	152	8682	0.509	ng/ul	0.00
18) Fluoranthene-d10	19.417	212	15499	0.493	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.895	128	1533	0.045	ng/ul#	85
7) 2-Methylnaphthalene	12.495	142	740	0.035	ng/ul	99
8) 1-Methylnaphthalene	12.715	142	485	0.022	ng/ul	98
10) Acenaphthylene	14.384	152	2867	0.076	ng/ul#	90
14) Pentachlorophenol	17.050	266	219	0.033	ng/ul	91
15) Phenanthrene	17.438	178	8013	0.182	ng/ul	97
16) Anthracene	17.531	178	2518	0.060	ng/ul#	87
19) Fluoranthene	19.450	202	22784	0.496	ng/ul	97
20) Pyrene	19.812	202	22297	0.481	ng/ul	99
21) Benzo(a)anthracene	21.553	228	11208	0.305	ng/ul	95
22) Chrysene	21.606	228	12880	0.360	ng/ul	95
24) Benzo(b)fluoranthene	23.269	252	21148	0.567	ng/ul	95
26) Benzo(a)pyrene	23.906	252	13385	0.412	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	26.569	276	11953	0.265	ng/ul#	85
28) Dibenzo(a,h)anthracene	26.579	278	2943	0.084	ng/ul#	41
29) Benzo(g,h,i)perylene	27.367	276	12869	0.339	ng/ul	97

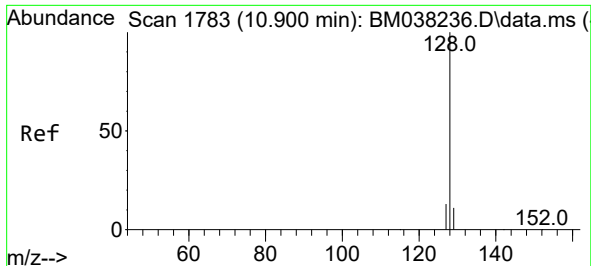
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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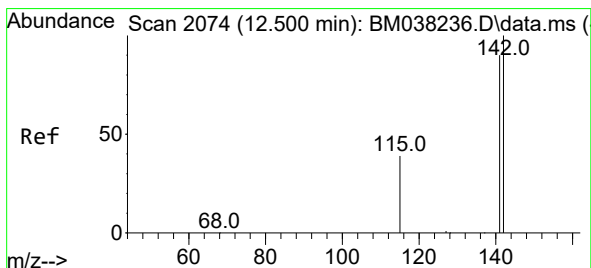
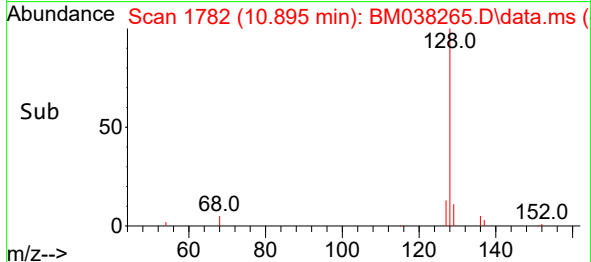
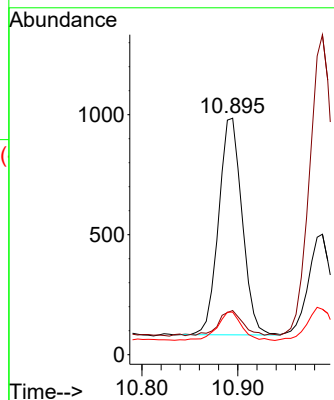
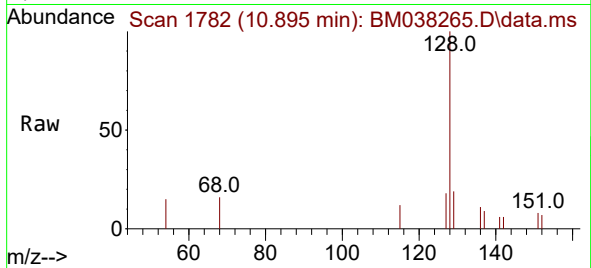




#5
Naphthalene
Concen: 0.045 ng/ul
RT: 10.895 min Scan# 1782
Delta R.T. 0.000 min
Lab File: BM038265.D
Acq: 24 Dec 2022 11:20

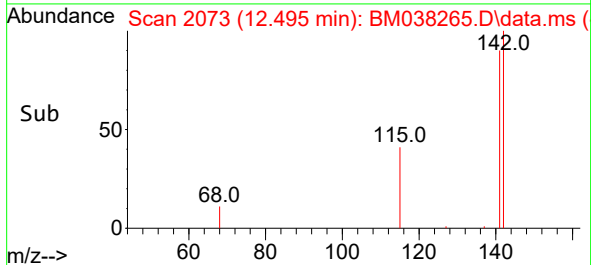
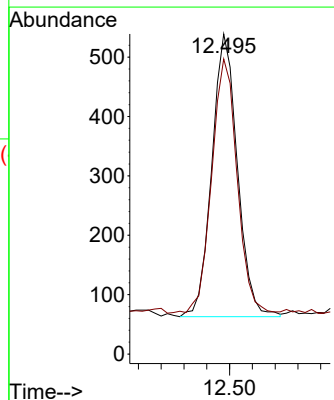
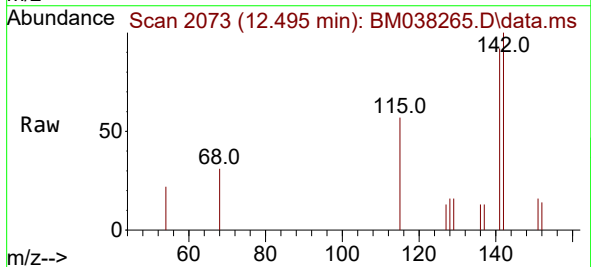
Instrument :
BNA_M
ClientSampleId :

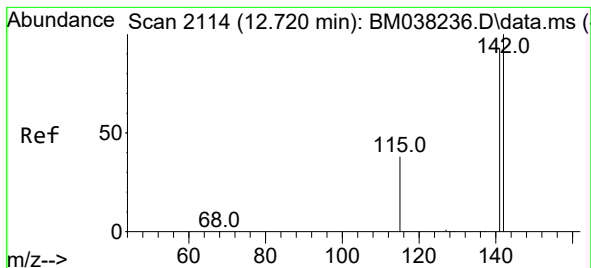
Tgt Ion:128 Resp: 1533
Ion Ratio Lower Upper
128 100
129 18.7 9.4 14.0#
127 18.0 10.7 16.1#



#7
2-Methylnaphthalene
Concen: 0.035 ng/ul
RT: 12.495 min Scan# 2073
Delta R.T. 0.000 min
Lab File: BM038265.D
Acq: 24 Dec 2022 11:20

Tgt Ion:142 Resp: 740
Ion Ratio Lower Upper
142 100
141 88.9 71.9 107.9





#8

1-Methylnaphthalene

Concen: 0.022 ng/ul

RT: 12.715 min Scan# 2113

Delta R.T. 0.000 min

Lab File: BM038265.D

Acq: 24 Dec 2022 11:20

Instrument :

BNA_M

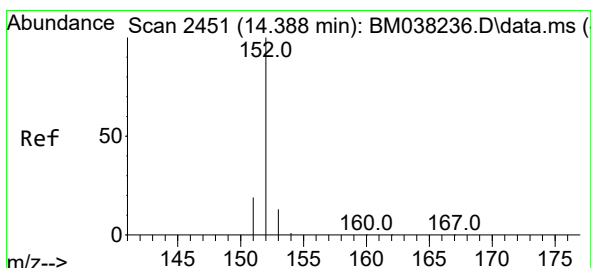
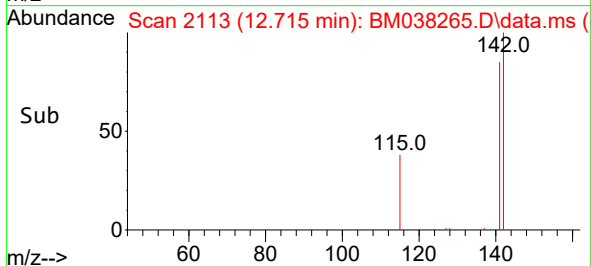
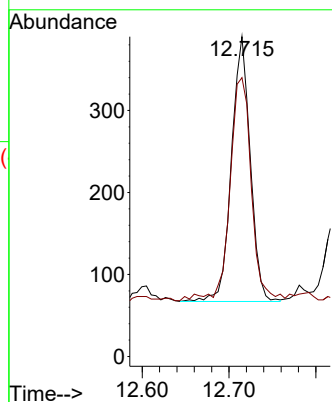
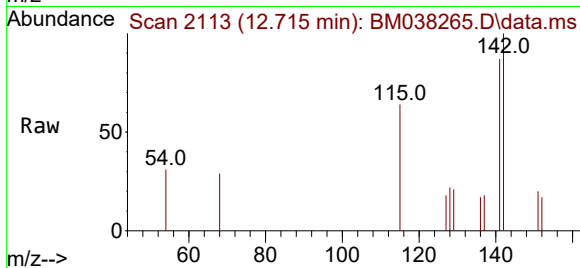
ClientSampleId :

Tgt Ion:142 Resp: 485

Ion Ratio Lower Upper

142 100

141 91.5 74.7 112.1



#10

Acenaphthylene

Concen: 0.076 ng/ul

RT: 14.384 min Scan# 2450

Delta R.T. 0.005 min

Lab File: BM038265.D

Acq: 24 Dec 2022 11:20

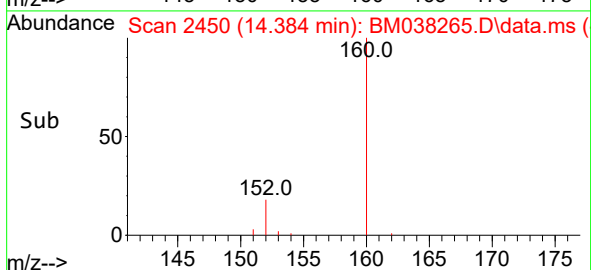
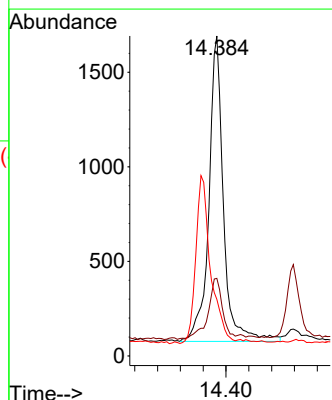
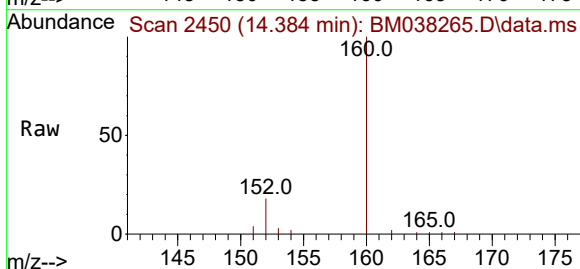
Tgt Ion:152 Resp: 2867

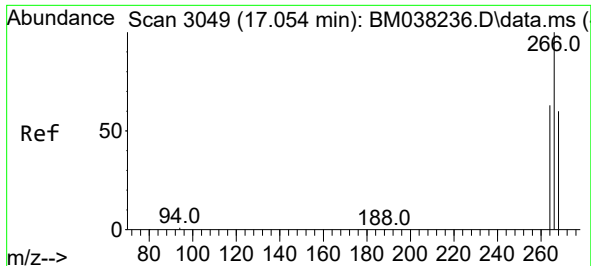
Ion Ratio Lower Upper

152 100

151 24.2 16.2 24.2

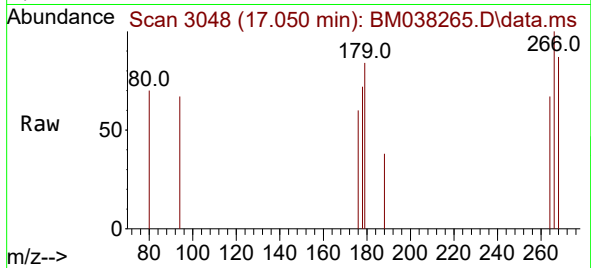
153 17.7 10.7 16.1#



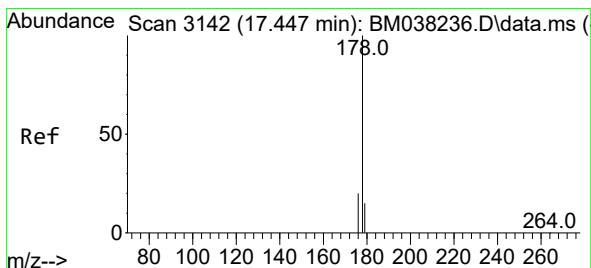
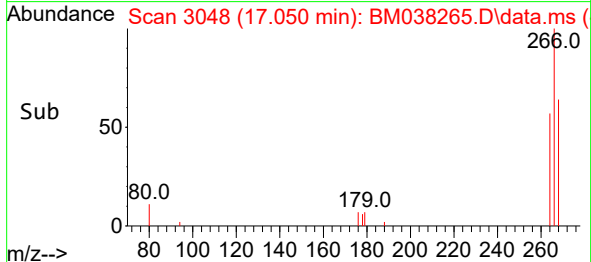
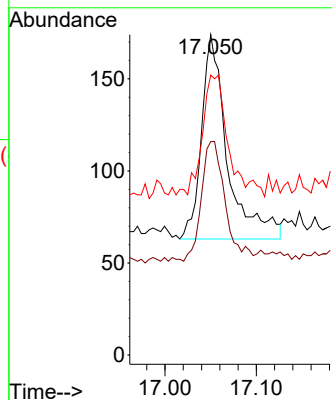


#14
 Pentachlorophenol
 Concen: 0.033 ng/ul
 RT: 17.050 min Scan# 3049
 Delta R.T. 0.000 min
 Lab File: BM038265.D
 Acq: 24 Dec 2022 11:20

Instrument :
 BNA_M
 ClientSampleId :

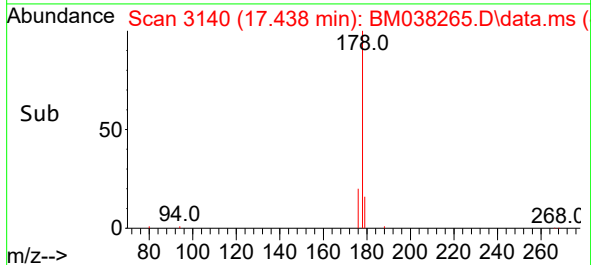
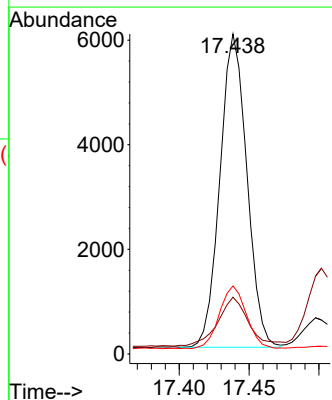
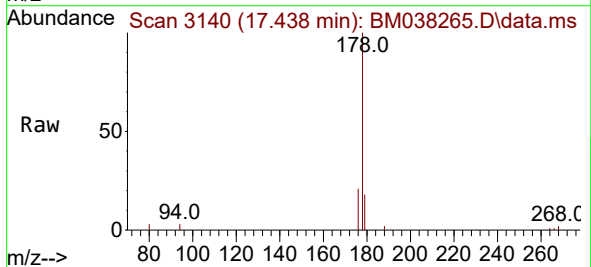


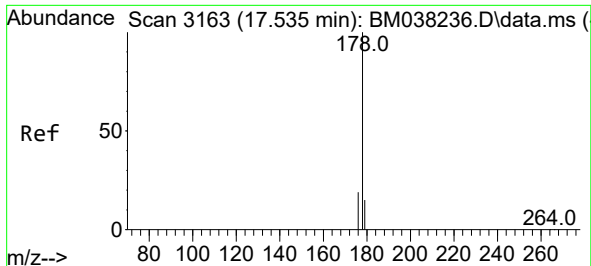
Tgt Ion:266 Resp: 219
 Ion Ratio Lower Upper
 266 100
 264 53.9 49.9 74.9
 268 58.9 51.2 76.8



#15
 Phenanthrene
 Concen: 0.182 ng/ul
 RT: 17.438 min Scan# 3140
 Delta R.T. 0.000 min
 Lab File: BM038265.D
 Acq: 24 Dec 2022 11:20

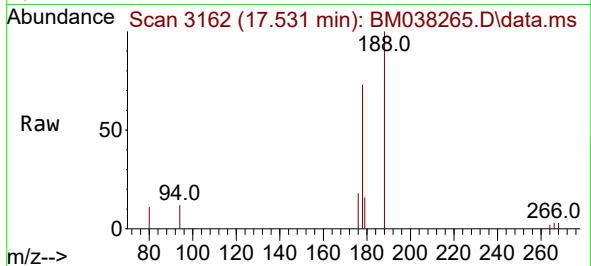
Tgt Ion:178 Resp: 8013
 Ion Ratio Lower Upper
 178 100
 179 17.8 13.0 19.4
 176 21.2 16.2 24.4



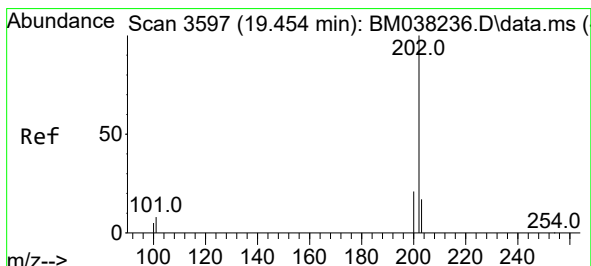
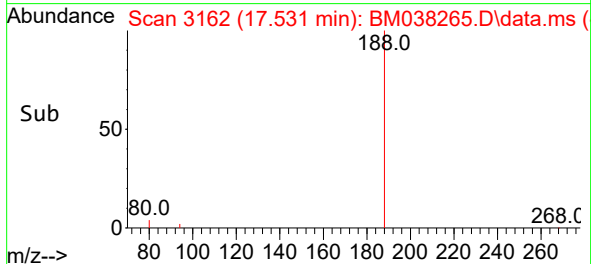
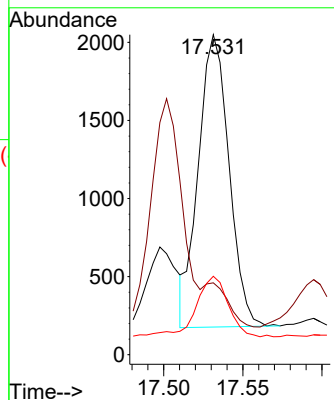


#16
 Anthracene
 Concen: 0.060 ng/ul
 RT: 17.531 min Scan# 3162
 Delta R.T. 0.000 min
 Lab File: BM038265.D
 Acq: 24 Dec 2022 11:20

Instrument :
 BNA_M
 ClientSampleId :

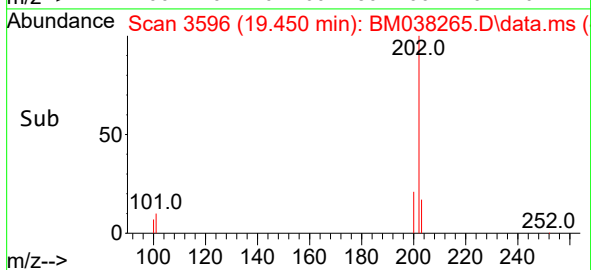
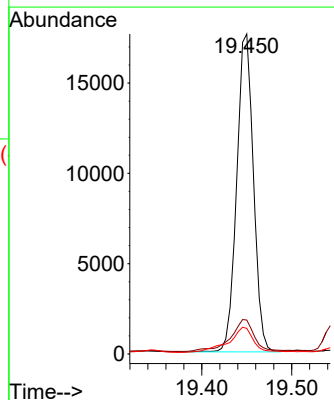
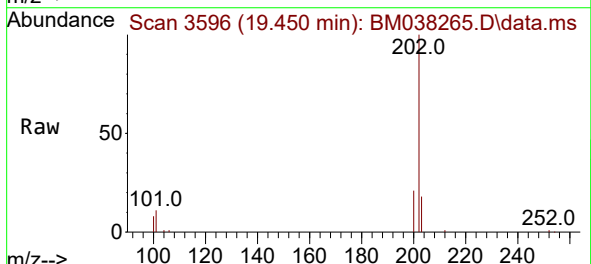


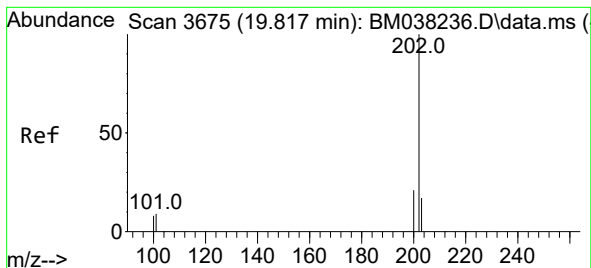
Tgt Ion:178 Resp: 2518
 Ion Ratio Lower Upper
 178 100
 179 22.4 13.0 19.6#
 176 24.5 15.6 23.4#



#19
 Fluoranthene
 Concen: 0.496 ng/ul
 RT: 19.450 min Scan# 3596
 Delta R.T. 0.000 min
 Lab File: BM038265.D
 Acq: 24 Dec 2022 11:20

Tgt Ion:202 Resp: 22784
 Ion Ratio Lower Upper
 202 100
 101 10.6 7.5 11.3
 100 8.0 5.6 8.4





#20

Pyrene

Concen: 0.481 ng/ul

RT: 19.812 min Scan# 3

Delta R.T. 0.000 min

Lab File: BM038265.D

Acq: 24 Dec 2022 11:20

Instrument :

BNA_M

ClientSampleId :

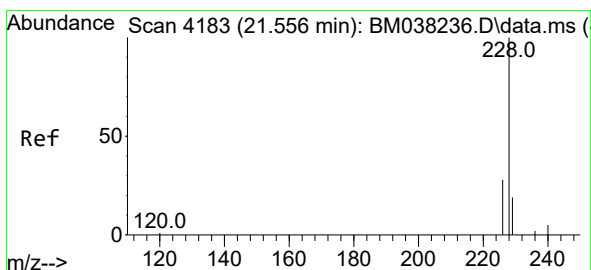
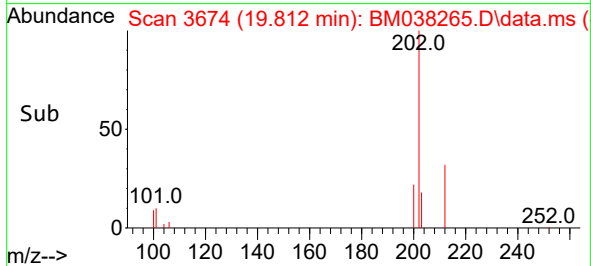
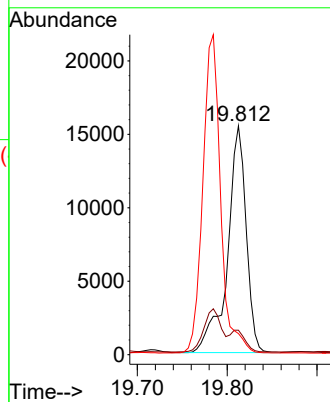
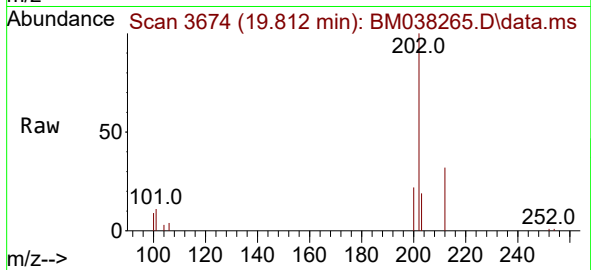
Tgt Ion:202 Resp: 22297

Ion Ratio Lower Upper

202 100

101 10.7 8.9 13.3

100 9.2 7.4 11.0



#21

Benzo(a)anthracene

Concen: 0.305 ng/ul

RT: 21.553 min Scan# 4182

Delta R.T. 0.003 min

Lab File: BM038265.D

Acq: 24 Dec 2022 11:20

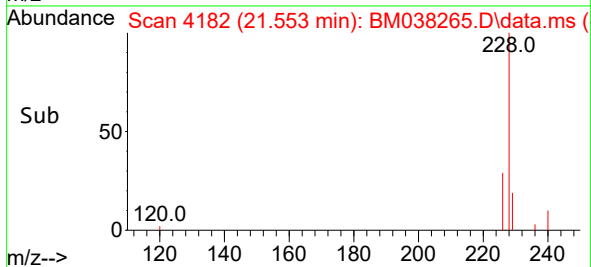
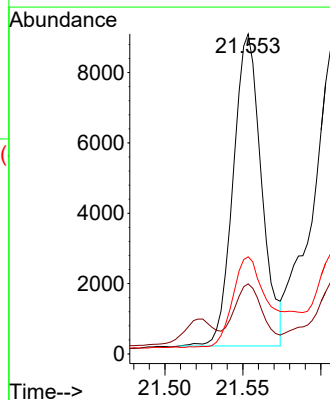
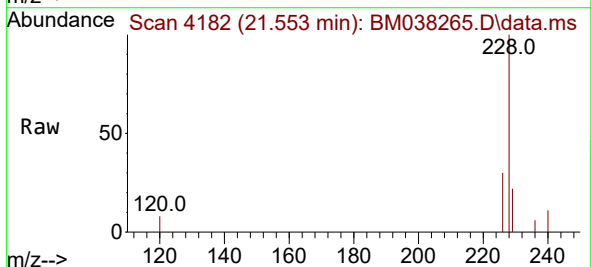
Tgt Ion:228 Resp: 11208

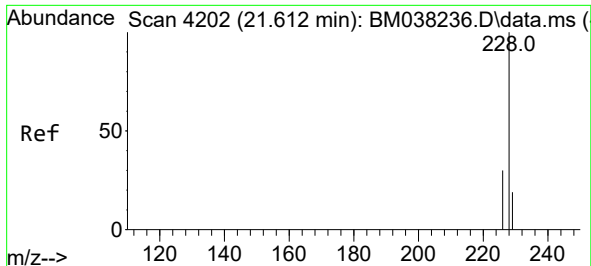
Ion Ratio Lower Upper

228 100

229 21.9 15.5 23.3

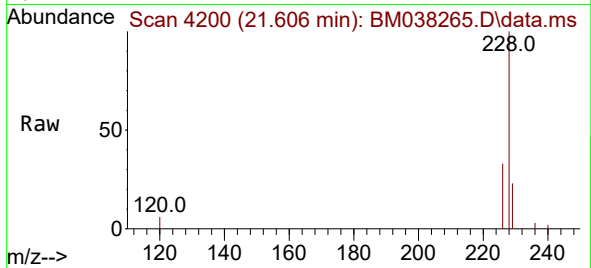
226 30.4 22.2 33.2



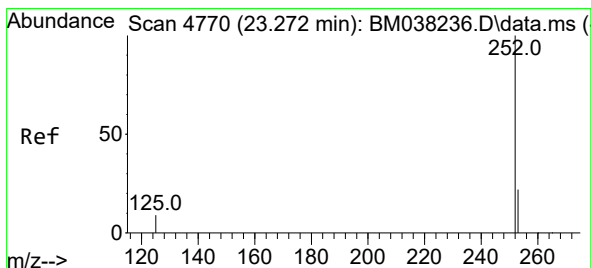
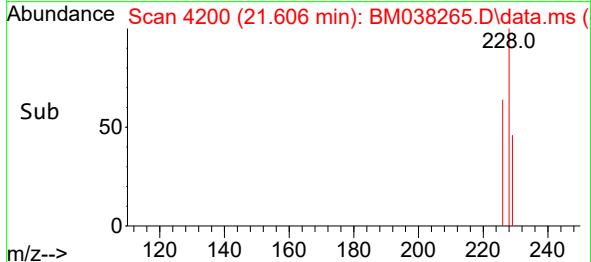
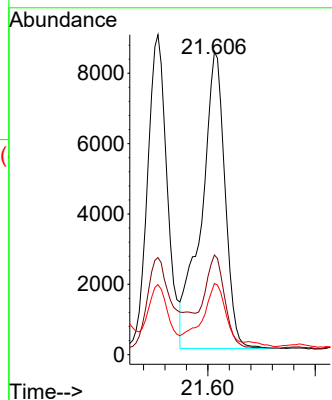


#22
Chrysene
Concen: 0.360 ng/ul
RT: 21.606 min Scan# 41
Delta R.T. 0.000 min
Lab File: BM038265.D
Acq: 24 Dec 2022 11:20

Instrument :
BNA_M
ClientSampleId :

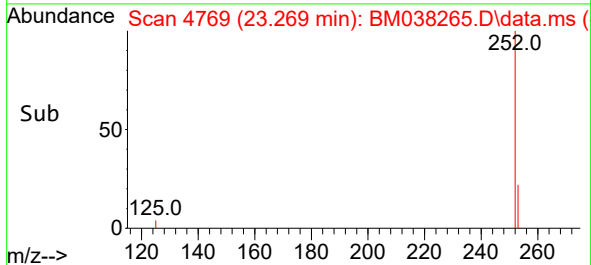
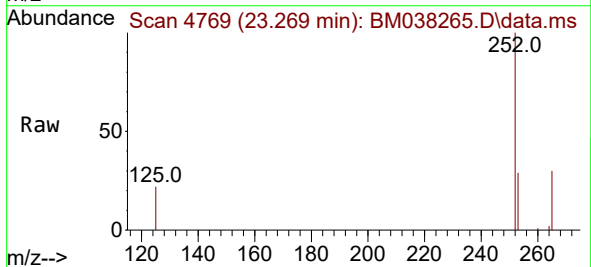
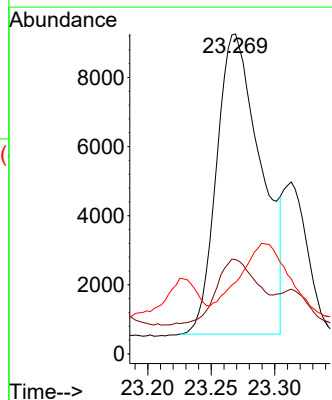


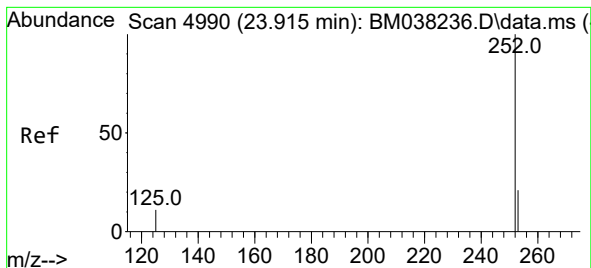
Tgt Ion:228 Resp: 12880
Ion Ratio Lower Upper
228 100
226 32.9 25.0 37.4
229 23.5 16.0 24.0



#24
Benzo(b)fluoranthene
Concen: 0.567 ng/ul
RT: 23.269 min Scan# 4769
Delta R.T. 0.003 min
Lab File: BM038265.D
Acq: 24 Dec 2022 11:20

Tgt Ion:252 Resp: 21148
Ion Ratio Lower Upper
252 100
253 29.5 0.0 56.0
125 22.4 0.0 36.6

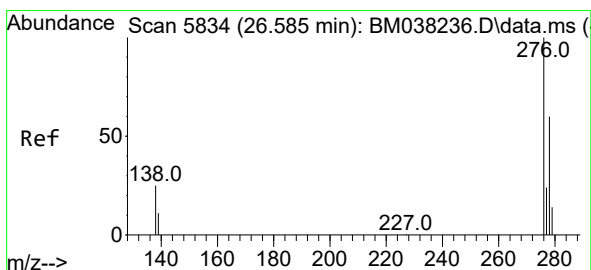
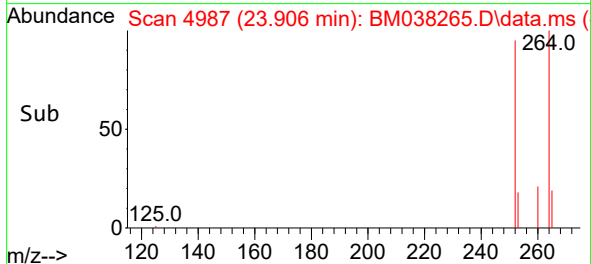
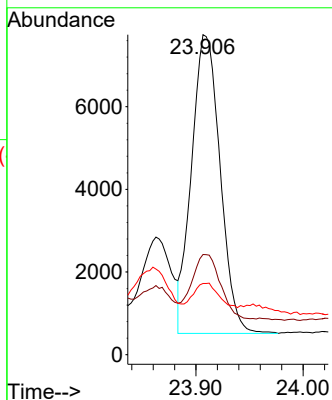
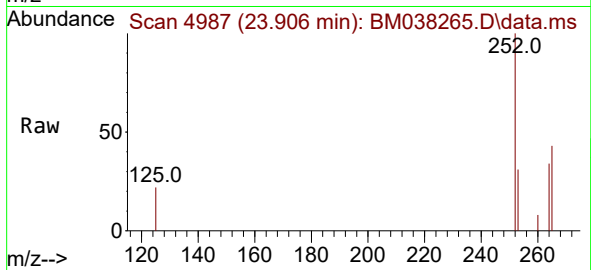




#26
Benzo(a)pyrene
Concen: 0.412 ng/ul
RT: 23.906 min Scan# 4990
Delta R.T. 0.000 min
Lab File: BM038265.D
Acq: 24 Dec 2022 11:20

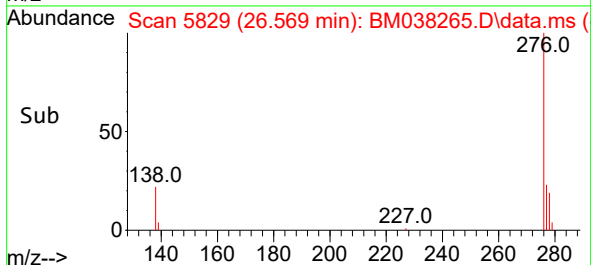
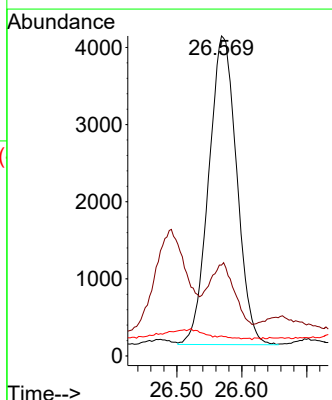
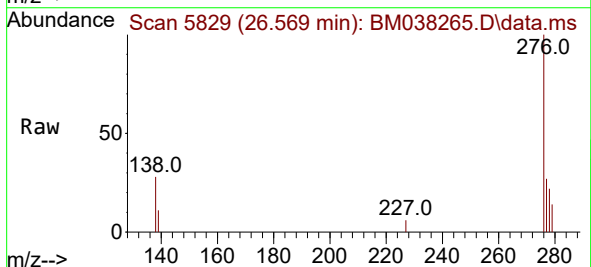
Instrument :
BNA_M
ClientSampleId :

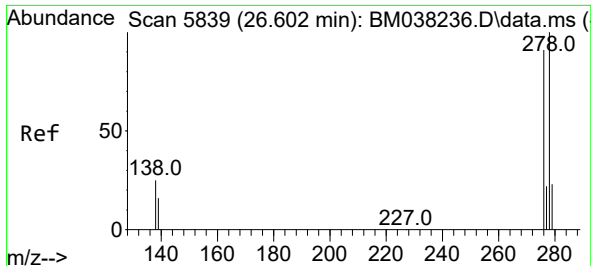
Tgt Ion:252 Resp: 13385
Ion Ratio Lower Upper
252 100
253 31.3 24.2 36.4
125 22.3 17.3 25.9



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.265 ng/ul
RT: 26.569 min Scan# 5829
Delta R.T. 0.000 min
Lab File: BM038265.D
Acq: 24 Dec 2022 11:20

Tgt Ion:276 Resp: 11953
Ion Ratio Lower Upper
276 100
138 19.2 21.7 32.5#
227 0.0 0.0 0.0

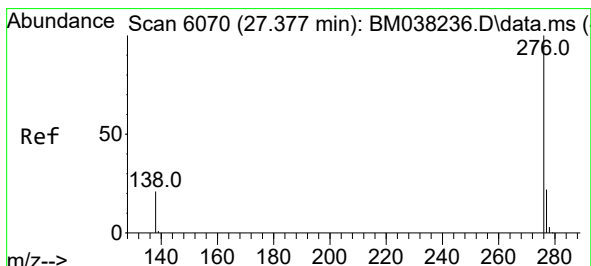
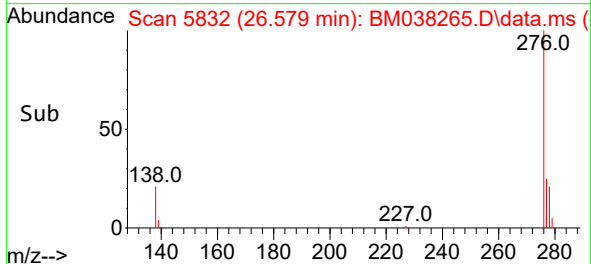
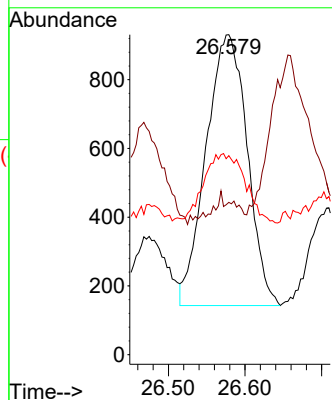
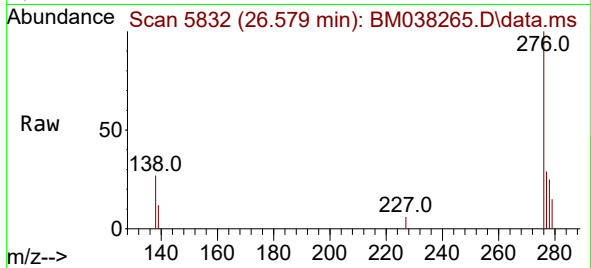




#28
 Dibenzo(a,h)anthracene
 Concen: 0.084 ng/ul
 RT: 26.579 min Scan# 51
 Delta R.T. -0.010 min
 Lab File: BM038265.D
 Acq: 24 Dec 2022 11:20

Instrument :
 BNA_M
 ClientSampleId :

Tgt Ion:278 Resp: 2943
 Ion Ratio Lower Upper
 278 100
 139 47.6 16.8 25.2#
 279 62.2 23.4 35.2#



#29
 Benzo(g,h,i)perylene
 Concen: 0.339 ng/ul
 RT: 27.367 min Scan# 6067
 Delta R.T. 0.007 min
 Lab File: BM038265.D
 Acq: 24 Dec 2022 11:20

Tgt Ion:276 Resp: 12869
 Ion Ratio Lower Upper
 276 100
 138 27.9 20.8 31.2
 277 26.3 20.5 30.7

