

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122222\
 Data File : BM038280.D
 Acq On : 24 Dec 2022 20:56
 Operator : CG/JU
 Sample : N6016-04
 Misc :
 ALS Vial : 88 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Dec 25 02:57:35 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)

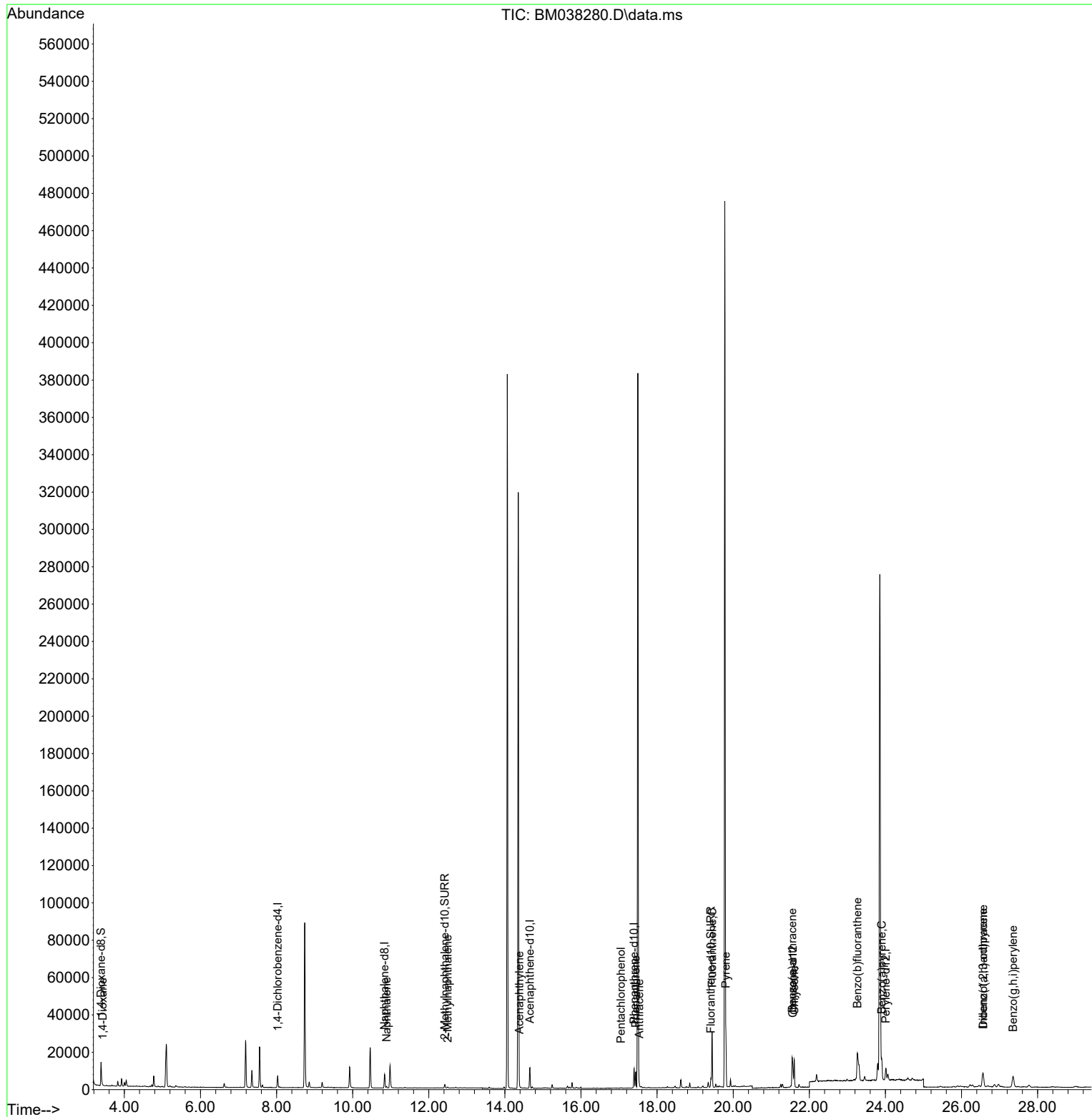
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.030	152	3198	0.400	ng/ul	0.00
4) Naphthalene-d8	10.840	136	9538	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.657	164	5774	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.396	188	11783	0.400	ng/ul	0.00
17) Chrysene-d12	21.565	240	9131	0.400	ng/ul	0.00
23) Perylene-d12	24.012	264	8713	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.389	96	7891	2.426	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.423	152	2327	0.166	ng/ul	0.00
18) Fluoranthene-d10	19.413	212	5156	0.150	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.431	88	99	0.031	ng/ul#	37
5) Naphthalene	10.889	128	1012	0.036	ng/ul#	79
7) 2-Methylnaphthalene	12.495	142	363	0.021	ng/ul	96
10) Acenaphthylene	14.379	152	1062	0.033	ng/ul#	76
14) Pentachlorophenol	17.050	266	154	0.026	ng/ul	96
15) Phenanthrene	17.438	178	8635	0.219	ng/ul	98
16) Anthracene	17.531	178	1956	0.052	ng/ul#	86
19) Fluoranthene	19.445	202	24779	0.495	ng/ul	100
20) Pyrene	19.808	202	22650	0.448	ng/ul	98
21) Benzo(a)anthracene	21.550	228	11946	0.298	ng/ul	95
22) Chrysene	21.603	228	14884	0.382	ng/ul	96
24) Benzo(b)fluoranthene	23.263	252	24759	0.642	ng/ul	98
26) Benzo(a)pyrene	23.903	252	15898	0.472	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	26.565	276	13442	0.288	ng/ul#	87
28) Dibenzo(a,h)anthracene	26.569	278	3510	0.097	ng/ul#	55
29) Benzo(g,h,i)perylene	27.353	276	13543	0.345	ng/ul	99

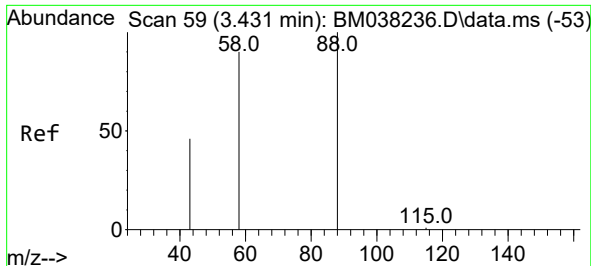
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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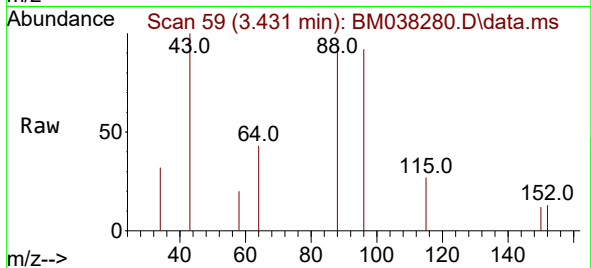
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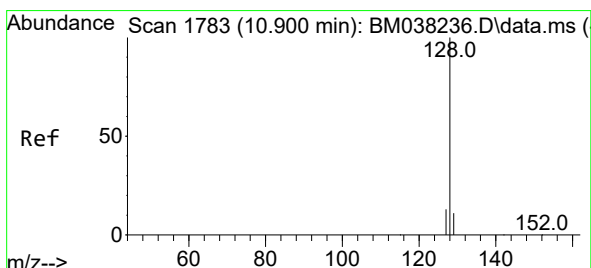
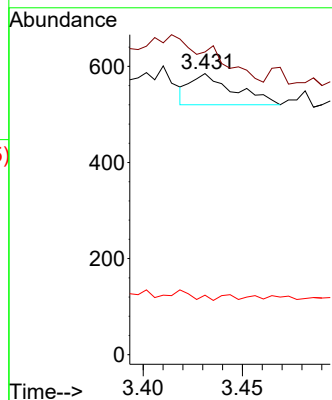
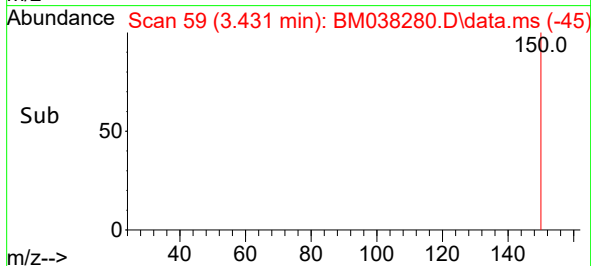


#2
1,4-Dioxane
Concen: 0.031 ng/ul
RT: 3.431 min Scan# 59
Delta R.T. 0.000 min
Lab File: BM038280.D
Acq: 24 Dec 2022 20:56

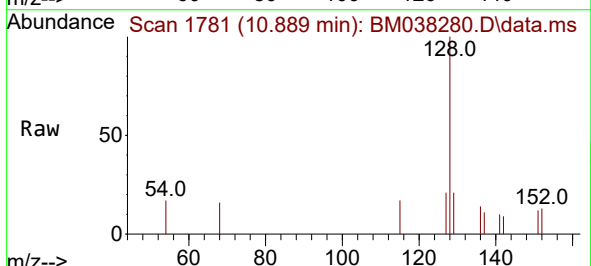
Instrument :
BNA_M
ClientSampleId :



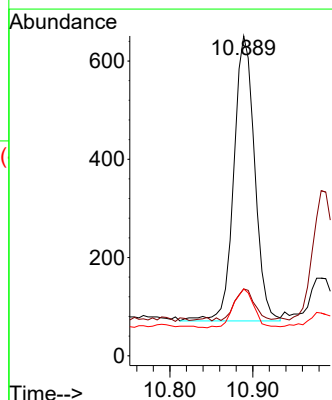
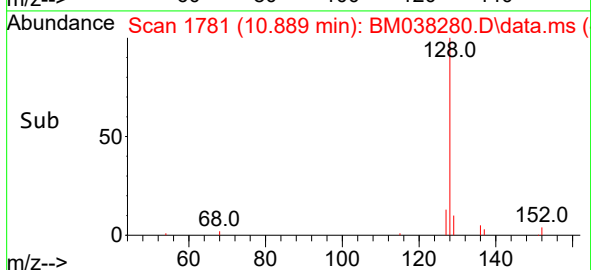
Tgt Ion: 88 Resp: 99
Ion Ratio Lower Upper
88 100
43 107.7 46.4 69.6#
58 21.2 56.9 85.3#

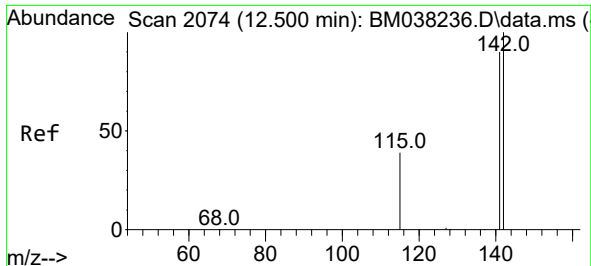


#5
Naphthalene
Concen: 0.036 ng/ul
RT: 10.889 min Scan# 1781
Delta R.T. -0.005 min
Lab File: BM038280.D
Acq: 24 Dec 2022 20:56



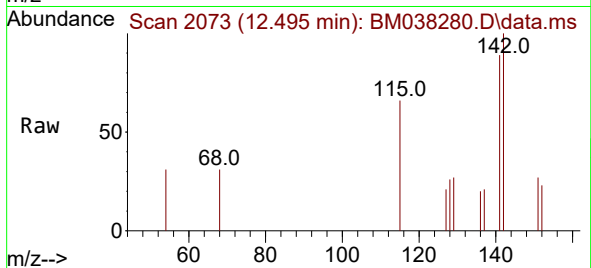
Tgt Ion: 128 Resp: 1012
Ion Ratio Lower Upper
128 100
129 20.9 9.4 14.0#
127 20.9 10.7 16.1#



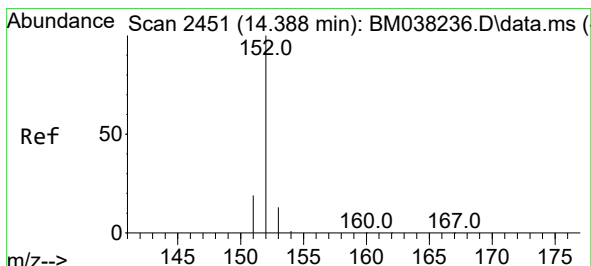
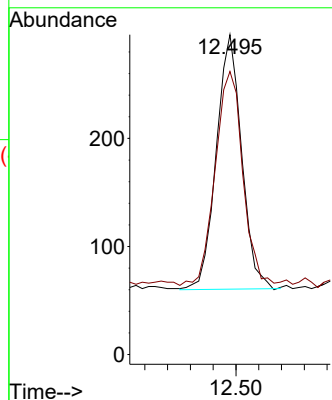
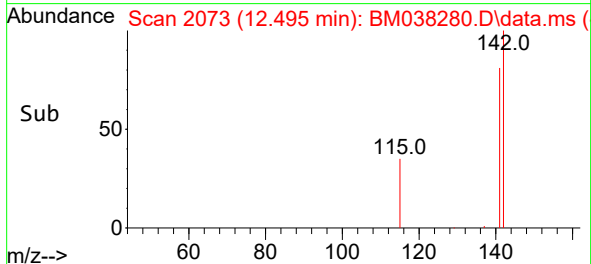


#7
2-Methylnaphthalene
Concen: 0.021 ng/ul
RT: 12.495 min Scan# 2073
Delta R.T. 0.000 min
Lab File: BM038280.D
Acq: 24 Dec 2022 20:56

Instrument :
BNA_M
ClientSampleId :

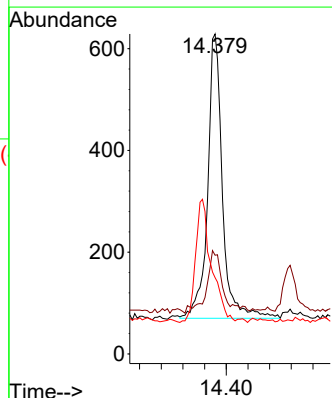
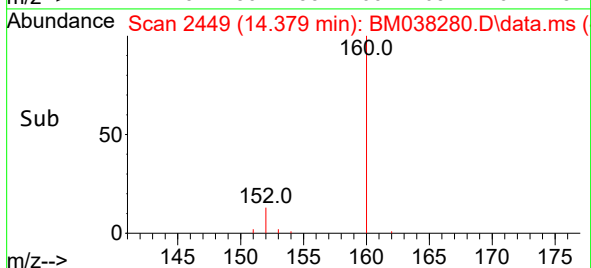
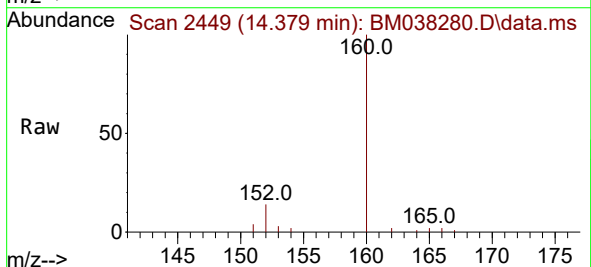


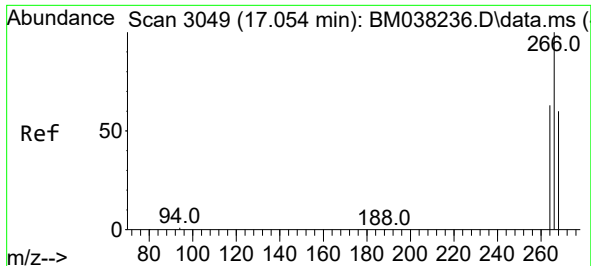
Tgt Ion:142 Resp: 363
Ion Ratio Lower Upper
142 100
141 93.7 71.9 107.9



#10
Acenaphthylene
Concen: 0.033 ng/ul
RT: 14.379 min Scan# 2449
Delta R.T. 0.000 min
Lab File: BM038280.D
Acq: 24 Dec 2022 20:56

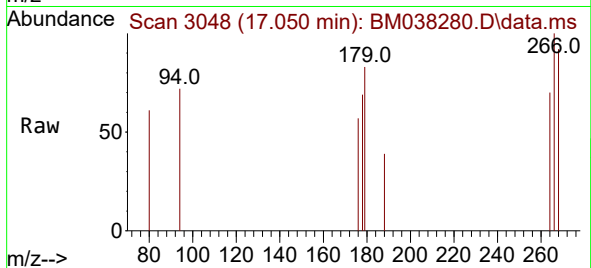
Tgt Ion:152 Resp: 1062
Ion Ratio Lower Upper
152 100
151 30.8 16.2 24.2#
153 23.8 10.7 16.1#



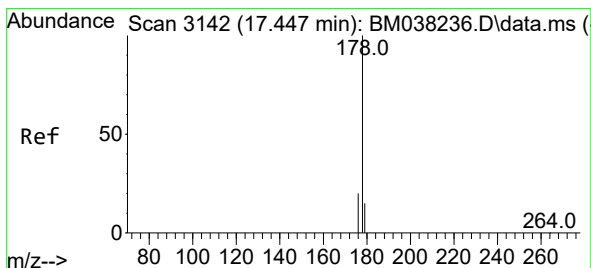
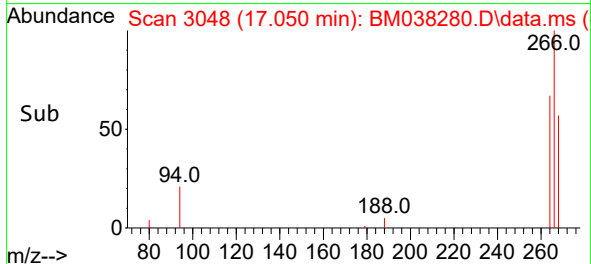
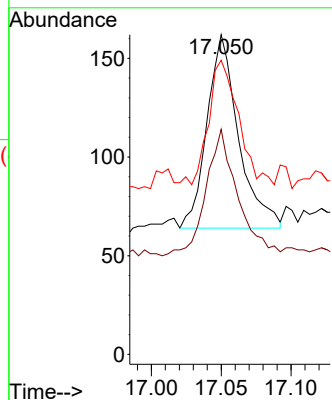


#14
 Pentachlorophenol
 Concen: 0.026 ng/ul
 RT: 17.050 min Scan# 3049
 Delta R.T. 0.000 min
 Lab File: BM038280.D
 Acq: 24 Dec 2022 20:56

Instrument :
 BNA_M
 ClientSampleId :

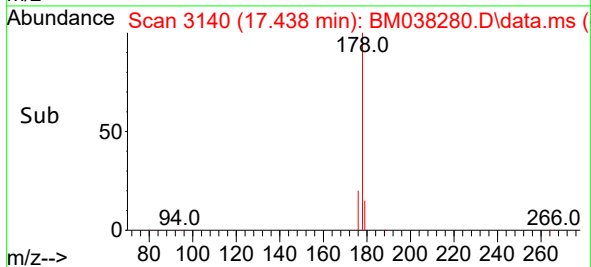
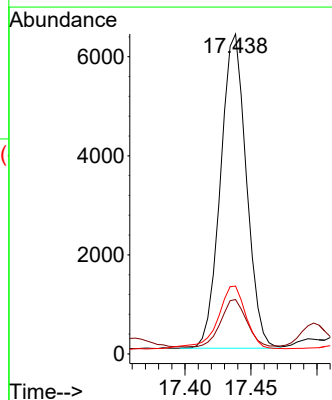
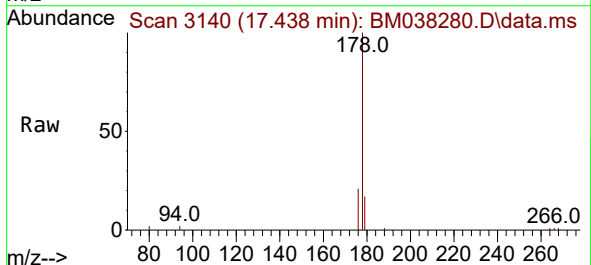


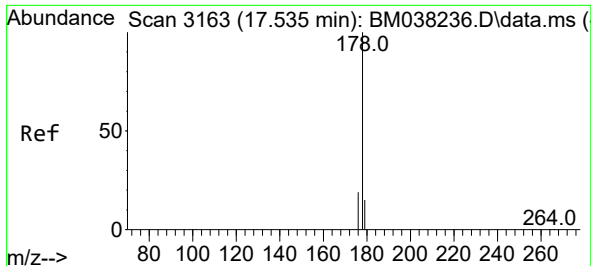
Tgt Ion:266 Resp: 154
 Ion Ratio Lower Upper
 266 100
 264 65.6 49.9 74.9
 268 66.9 51.2 76.8



#15
 Phenanthrene
 Concen: 0.219 ng/ul
 RT: 17.438 min Scan# 3140
 Delta R.T. 0.000 min
 Lab File: BM038280.D
 Acq: 24 Dec 2022 20:56

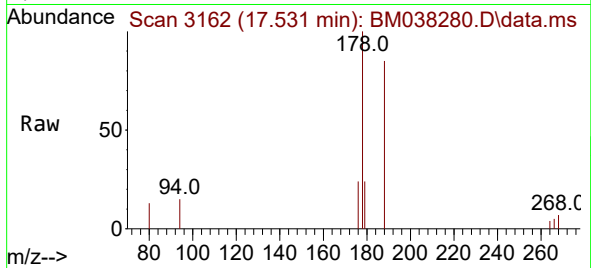
Tgt Ion:178 Resp: 8635
 Ion Ratio Lower Upper
 178 100
 179 17.0 13.0 19.4
 176 21.2 16.2 24.4



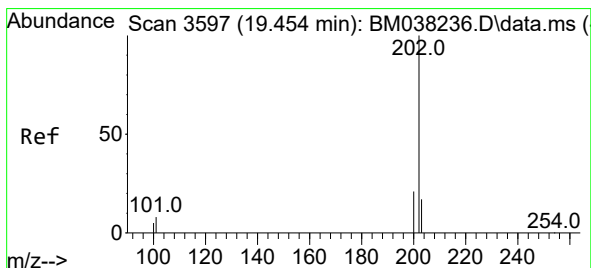
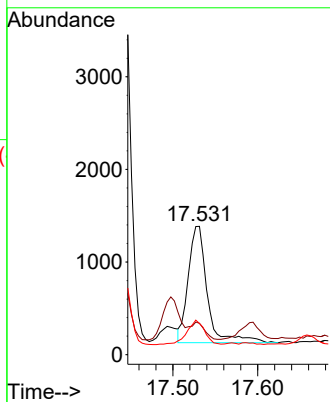
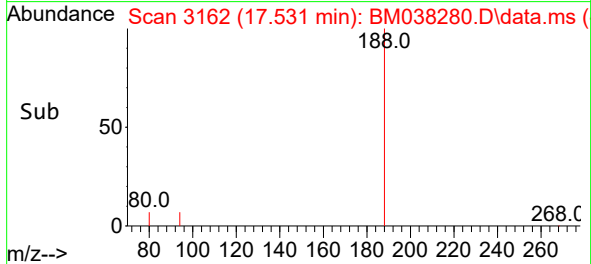


#16
 Anthracene
 Concen: 0.052 ng/ul
 RT: 17.531 min Scan# 3162
 Delta R.T. 0.000 min
 Lab File: BM038280.D
 Acq: 24 Dec 2022 20:56

Instrument :
 BNA_M
 ClientSampleId :

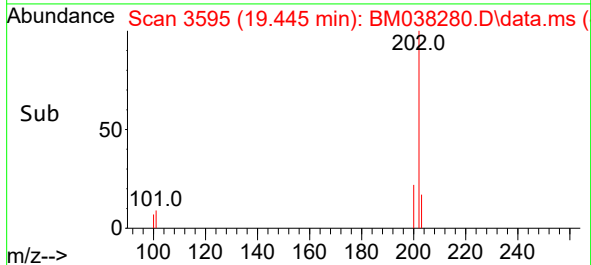
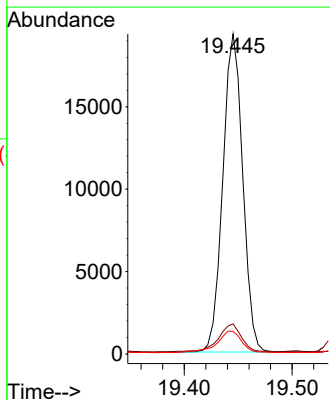
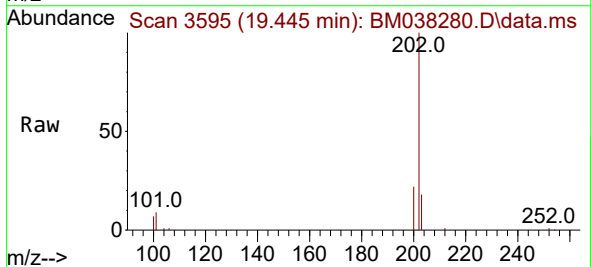


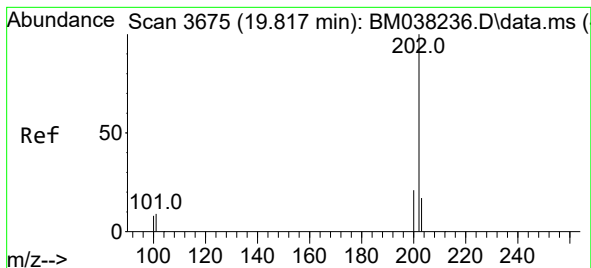
Tgt Ion:178 Resp: 1956
 Ion Ratio Lower Upper
 178 100
 179 24.5 13.0 19.6#
 176 24.2 15.6 23.4#



#19
 Fluoranthene
 Concen: 0.495 ng/ul
 RT: 19.445 min Scan# 3595
 Delta R.T. -0.005 min
 Lab File: BM038280.D
 Acq: 24 Dec 2022 20:56

Tgt Ion:202 Resp: 24779
 Ion Ratio Lower Upper
 202 100
 101 9.4 7.5 11.3
 100 7.1 5.6 8.4





#20

Pyrene

Concen: 0.448 ng/ul

RT: 19.808 min Scan# 3

Delta R.T. -0.005 min

Lab File: BM038280.D

Acq: 24 Dec 2022 20:56

Instrument :

BNA_M

ClientSampleId :

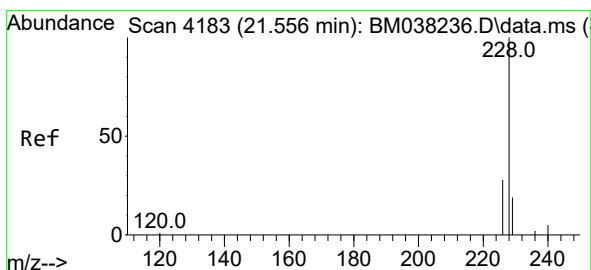
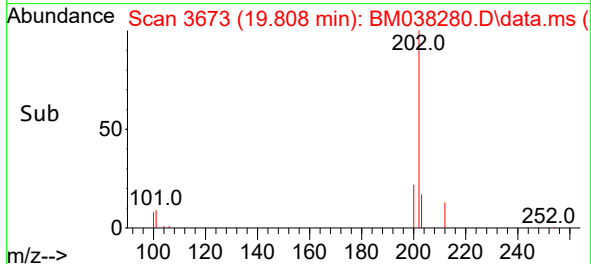
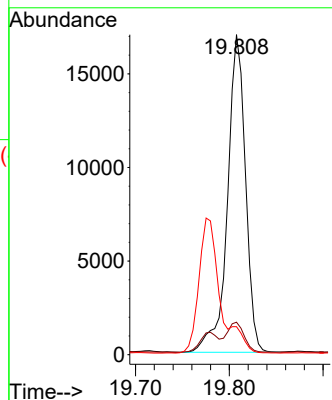
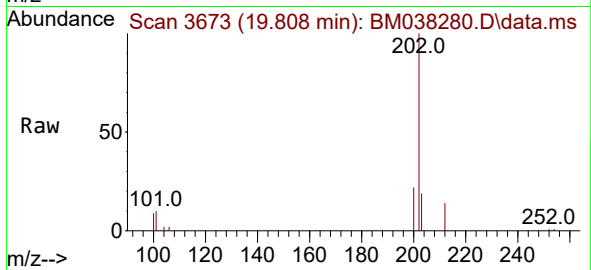
Tgt Ion:202 Resp: 22650

Ion Ratio Lower Upper

202 100

101 10.1 8.9 13.3

100 8.7 7.4 11.0



#21

Benzo(a)anthracene

Concen: 0.298 ng/ul

RT: 21.550 min Scan# 4181

Delta R.T. 0.000 min

Lab File: BM038280.D

Acq: 24 Dec 2022 20:56

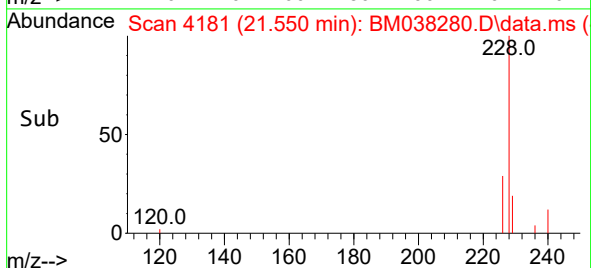
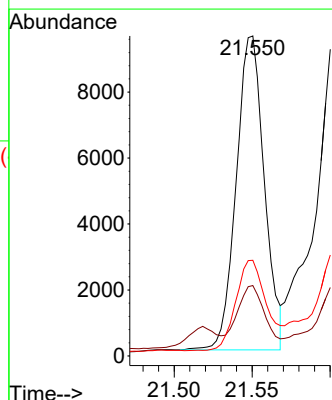
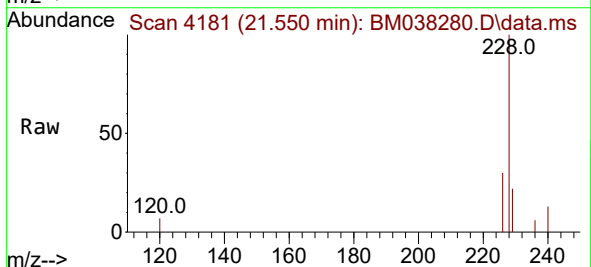
Tgt Ion:228 Resp: 11946

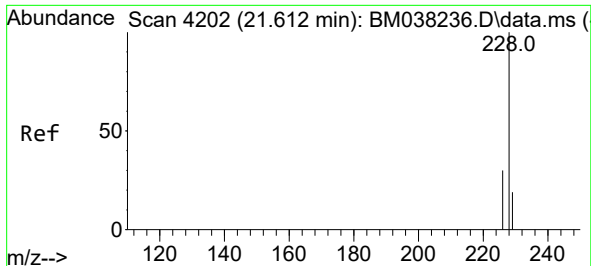
Ion Ratio Lower Upper

228 100

229 22.0 15.5 23.3

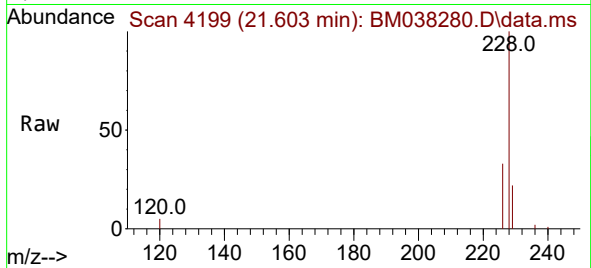
226 29.9 22.2 33.2



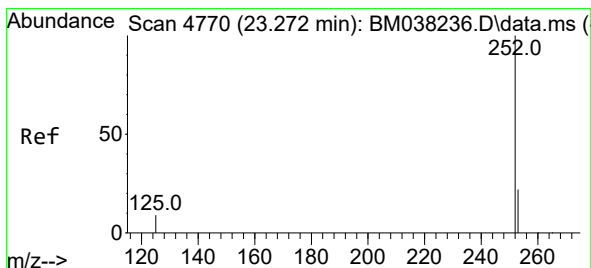
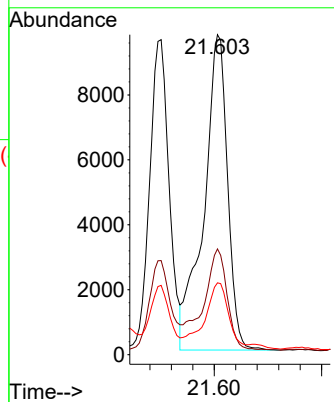
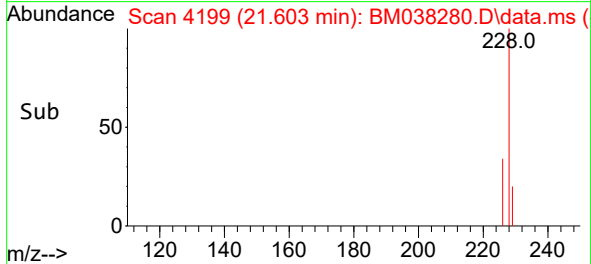


#22
Chrysene
Concen: 0.382 ng/ul
RT: 21.603 min Scan# 4199
Delta R.T. -0.003 min
Lab File: BM038280.D
Acq: 24 Dec 2022 20:56

Instrument :
BNA_M
ClientSampleId :

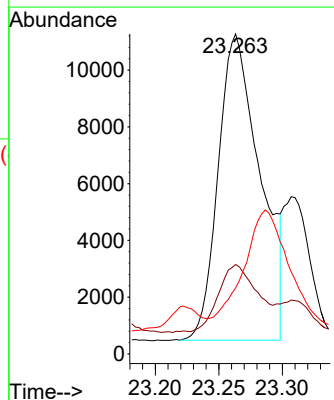
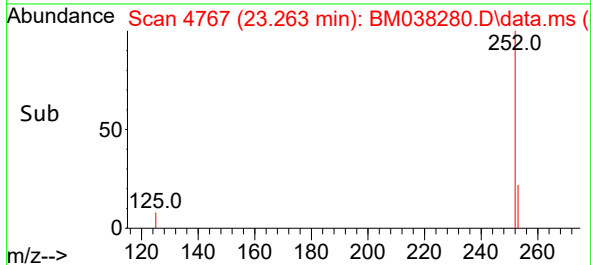
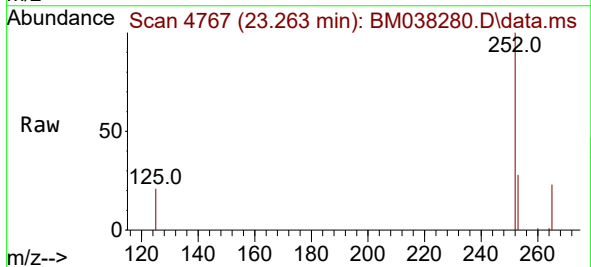


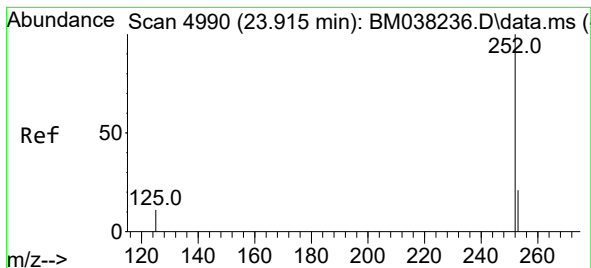
Tgt Ion:228 Resp: 14884
Ion Ratio Lower Upper
228 100
226 33.1 25.0 37.4
229 22.5 16.0 24.0



#24
Benzo(b)fluoranthene
Concen: 0.642 ng/ul
RT: 23.263 min Scan# 4767
Delta R.T. -0.003 min
Lab File: BM038280.D
Acq: 24 Dec 2022 20:56

Tgt Ion:252 Resp: 24759
Ion Ratio Lower Upper
252 100
253 27.9 0.0 56.0
125 20.6 0.0 36.6





#26

Benzo(a)pyrene

Concen: 0.472 ng/ul

RT: 23.903 min Scan# 4986

Delta R.T. -0.003 min

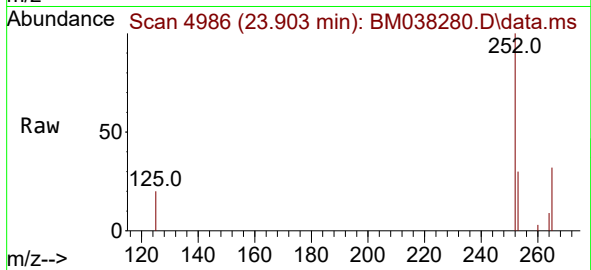
Lab File: BM038280.D

Acq: 24 Dec 2022 20:56

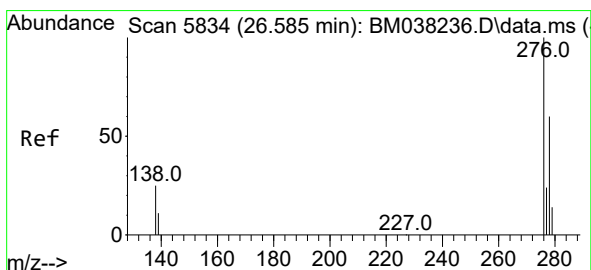
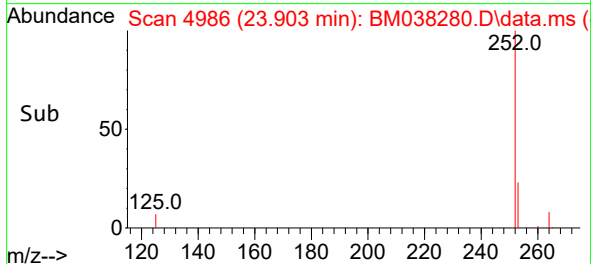
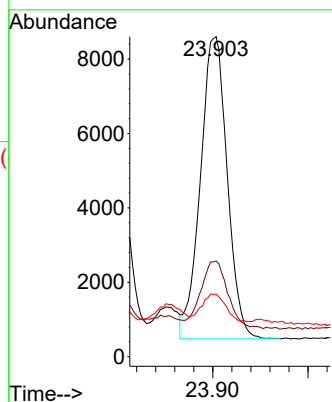
Instrument :

BNA_M

ClientSampleId :



Tgt Ion:	252	Resp:	15898
Ion Ratio	Lower	Upper	
252	100		
253	29.9	24.2	36.4
125	19.5	17.3	25.9



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.288 ng/ul

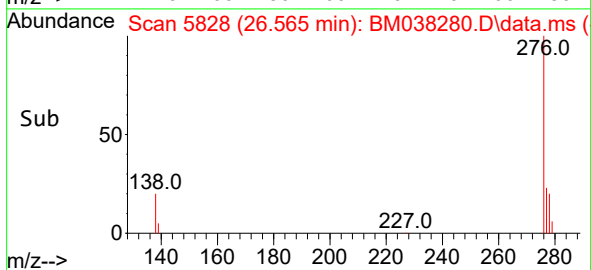
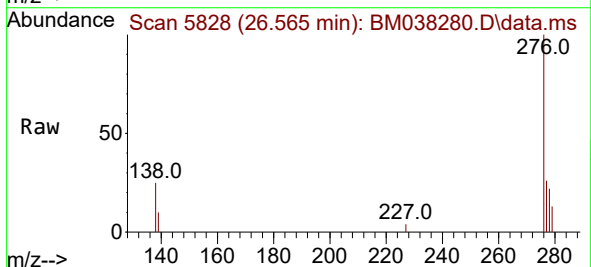
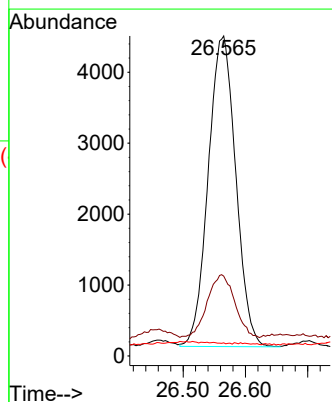
RT: 26.565 min Scan# 5828

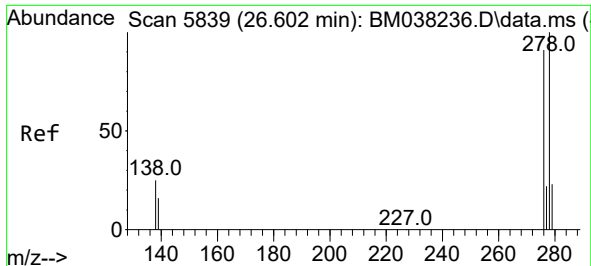
Delta R.T. -0.003 min

Lab File: BM038280.D

Acq: 24 Dec 2022 20:56

Tgt Ion:	276	Resp:	13442
Ion Ratio	Lower	Upper	
276	100		
138	20.2	21.7	32.5
227	0.0	0.0	0.0

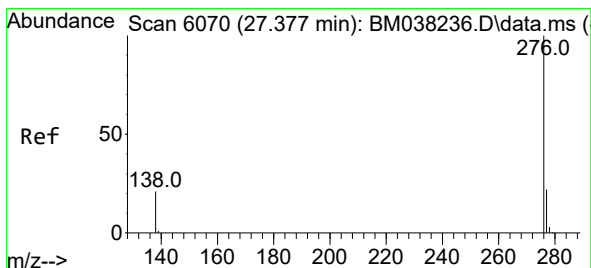
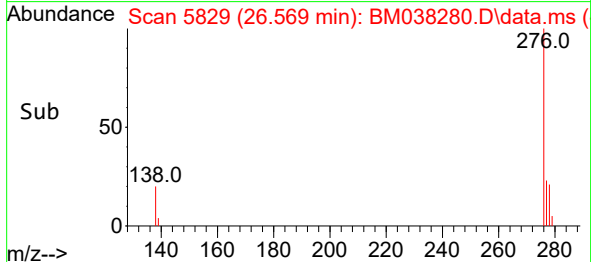
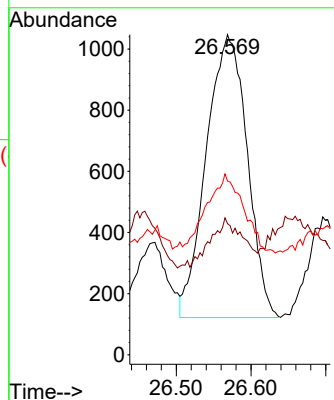
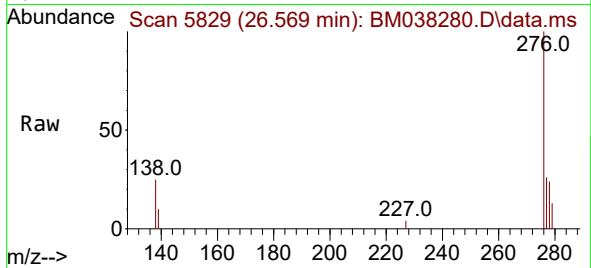




#28
Dibenzo(a,h)anthracene
Concen: 0.097 ng/ul
RT: 26.569 min Scan# 5829
Delta R.T. -0.020 min
Lab File: BM038280.D
Acq: 24 Dec 2022 20:56

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:278 Resp: 3510
Ion Ratio Lower Upper
278 100
139 41.0 16.8 25.2#
279 54.3 23.4 35.2#



#29
Benzo(g,h,i)perylene
Concen: 0.345 ng/ul
RT: 27.353 min Scan# 6063
Delta R.T. -0.007 min
Lab File: BM038280.D
Acq: 24 Dec 2022 20:56

Tgt Ion:276 Resp: 13543
Ion Ratio Lower Upper
276 100
138 26.1 20.8 31.2
277 26.1 20.5 30.7

