

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102522\
 Data File : BM037227.D
 Acq On : 25 Oct 2022 14:21
 Operator : CG/JU
 Sample : N5144-05
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Oct 26 07:32:35 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM101922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 22 03:34:37 2022
 Response via : Initial Calibration

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

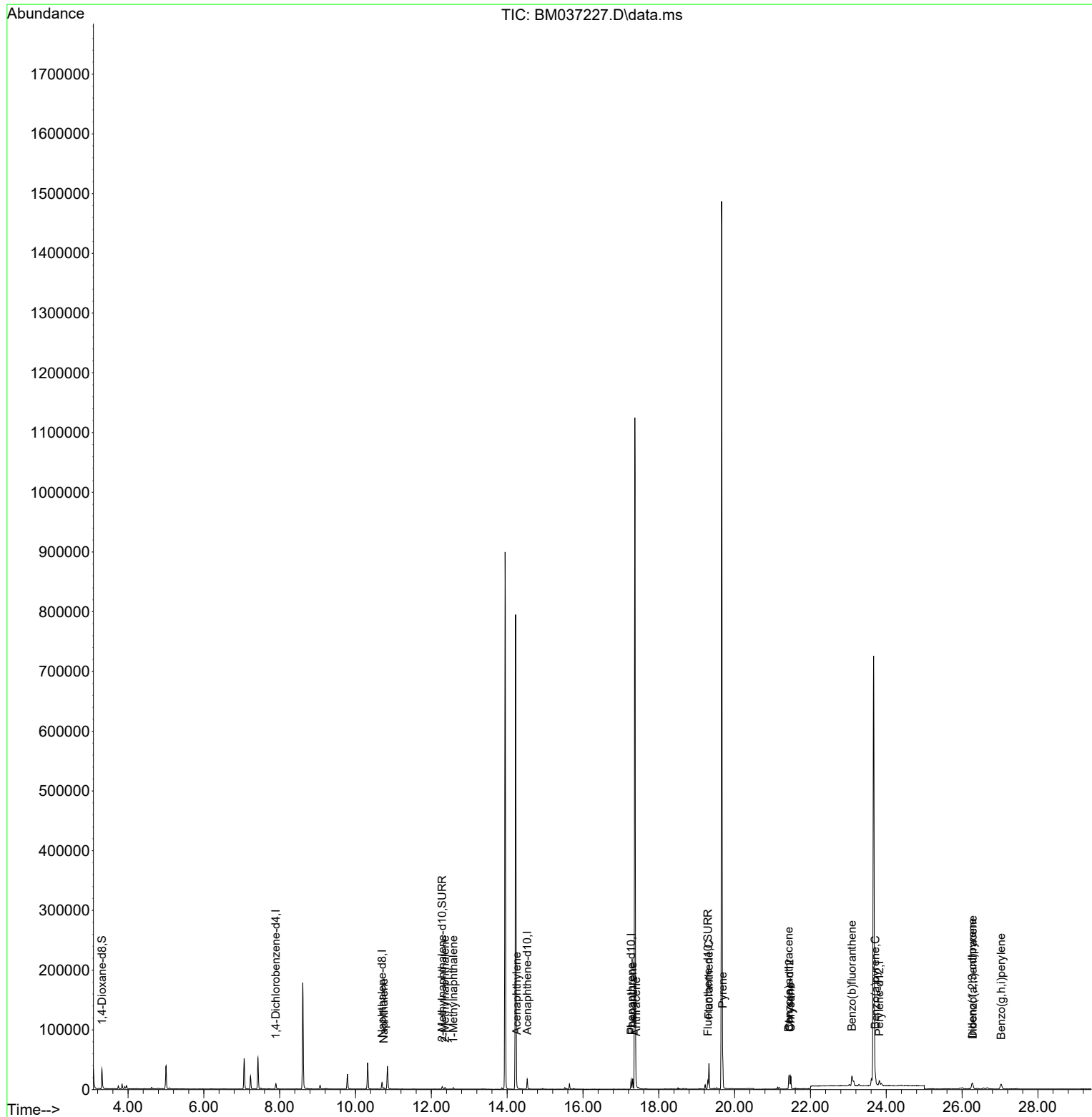
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.900	152	4685	0.400	ng/ul	0.00
4) Naphthalene-d8	10.699	136	14910	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.530	164	8784	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.272	188	18306	0.400	ng/ul	0.00
17) Chrysene-d12	21.446	240	15382	0.400	ng/ul	0.00
23) Perylene-d12	23.817	264	12031	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.314	96	22203	3.887	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.288	152	5873	0.277	ng/ul	0.00
18) Fluoranthene-d10	19.295	212	15092	0.324	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.748	128	2679	0.061	ng/ul#	91
7) 2-Methylnaphthalene	12.360	142	2038	0.077	ng/ul	98
8) 1-Methylnaphthalene	12.580	142	1776	0.066	ng/ul	100
10) Acenaphthylene	14.252	152	3385	0.090	ng/ul#	90
15) Phenanthrene	17.314	178	18046	0.292	ng/ul	100
16) Anthracene	17.403	178	4208	0.086	ng/ul	95
19) Fluoranthene	19.322	202	35268	0.528	ng/ul	99
20) Pyrene	19.685	202	37550	0.554	ng/ul	99
21) Benzo(a)anthracene	21.429	228	15956	0.267	ng/ul	97
22) Chrysene	21.481	228	20429	0.297	ng/ul	97
24) Benzo(b)fluoranthene	23.095	252	28315	0.444	ng/ul	96
26) Benzo(a)pyrene	23.712	252	17315	0.338	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	26.268	276	17762	0.249	ng/ul#	88
28) Dibenzo(a,h)anthracene	26.282	278	4502	0.080	ng/ul#	77
29) Benzo(g,h,i)perylene	27.029	276	17703	0.282	ng/ul	98

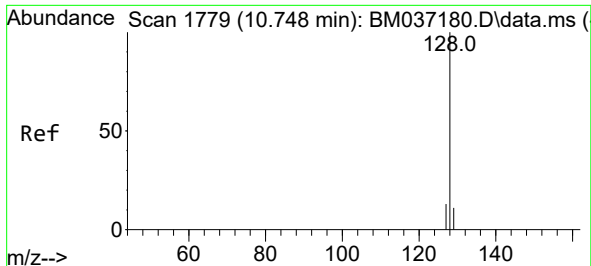
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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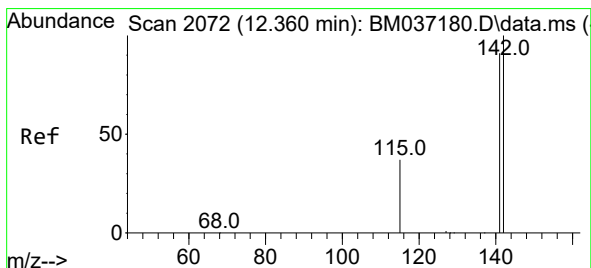
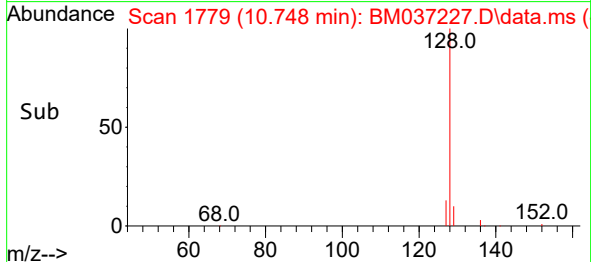
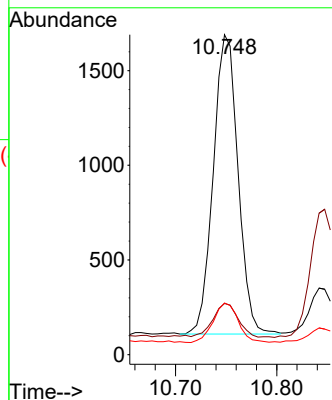
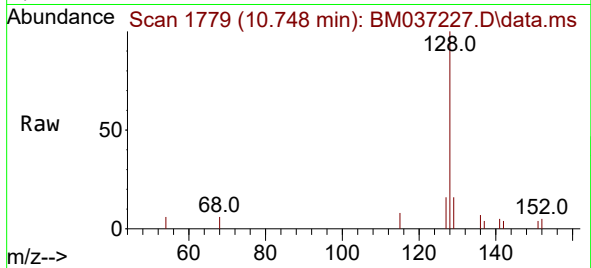




#5
Naphthalene
Concen: 0.061 ng/ul
RT: 10.748 min Scan# 1779
Delta R.T. -0.000 min
Lab File: BM037227.D
Acq: 25 Oct 2022 14:21

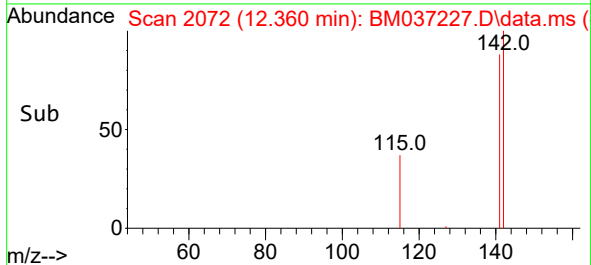
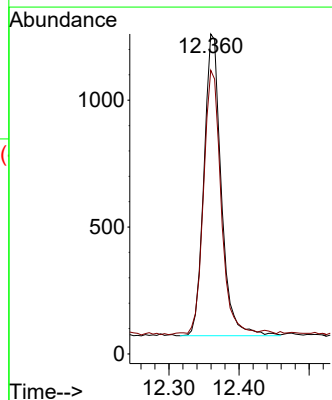
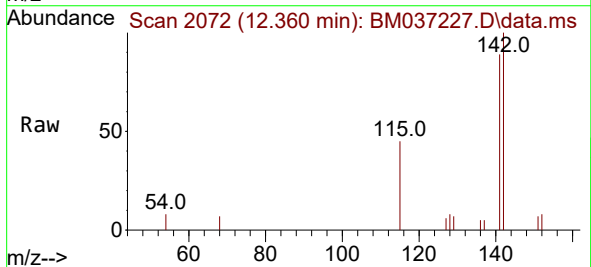
Instrument :
BNA_M
ClientSampleId :

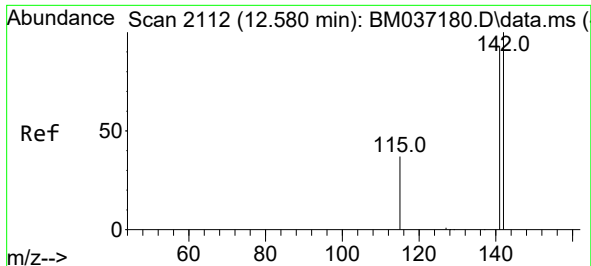
Tgt Ion:128 Resp: 2679
Ion Ratio Lower Upper
128 100
129 16.0 9.3 13.9#
127 16.2 10.5 15.7#



#7
2-Methylnaphthalene
Concen: 0.077 ng/ul
RT: 12.360 min Scan# 2072
Delta R.T. -0.000 min
Lab File: BM037227.D
Acq: 25 Oct 2022 14:21

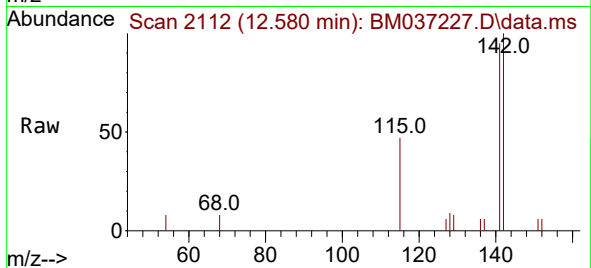
Tgt Ion:142 Resp: 2038
Ion Ratio Lower Upper
142 100
141 89.2 72.8 109.2



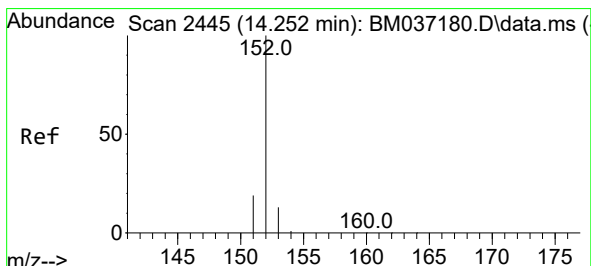
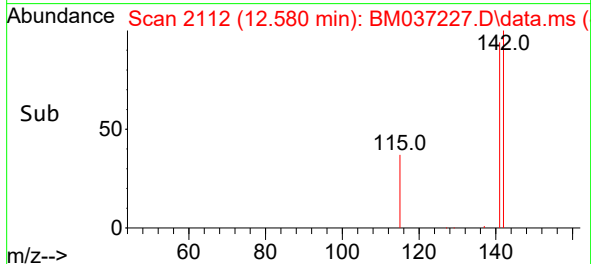
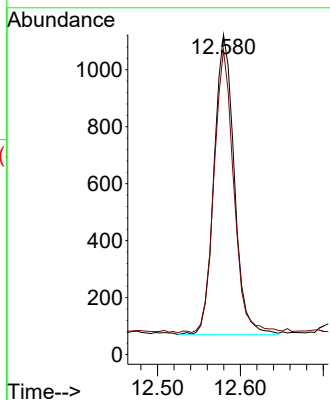


#8
1-Methylnaphthalene
Concen: 0.066 ng/ul
RT: 12.580 min Scan# 2112
Delta R.T. -0.000 min
Lab File: BM037227.D
Acq: 25 Oct 2022 14:21

Instrument :
BNA_M
ClientSampleId :

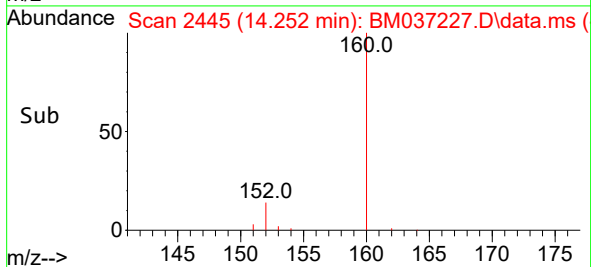
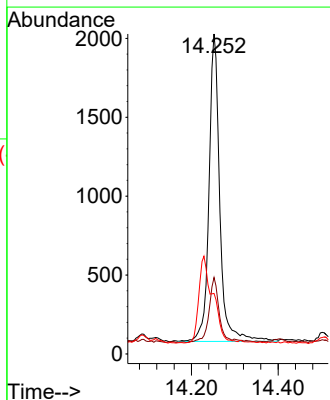
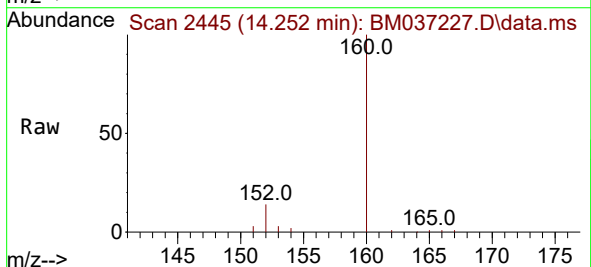


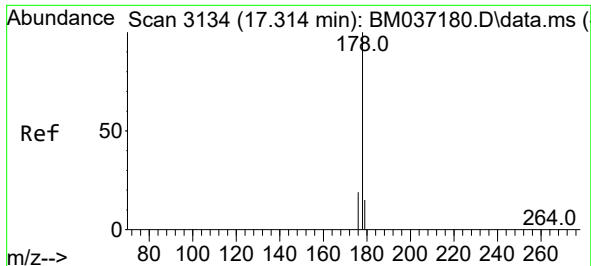
Tgt Ion:142 Resp: 1776
Ion Ratio Lower Upper
142 100
141 92.8 74.2 111.4



#10
Acenaphthylene
Concen: 0.090 ng/ul
RT: 14.252 min Scan# 2445
Delta R.T. -0.000 min
Lab File: BM037227.D
Acq: 25 Oct 2022 14:21

Tgt Ion:152 Resp: 3385
Ion Ratio Lower Upper
152 100
151 23.9 16.2 24.2
153 18.9 10.8 16.2#

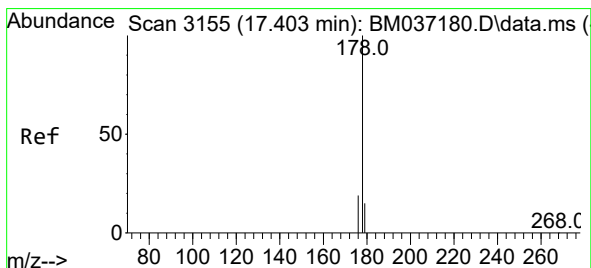
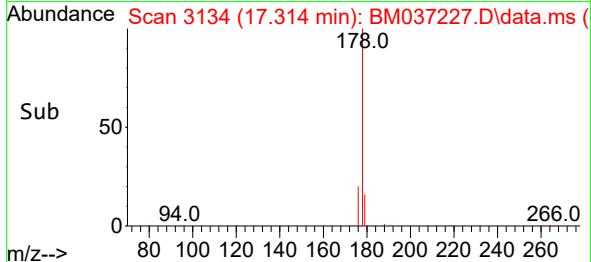
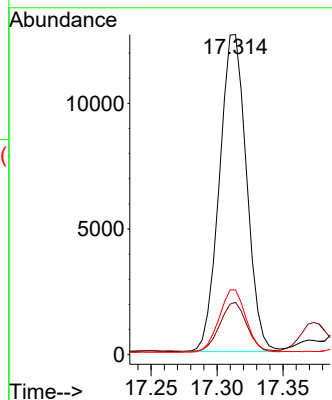
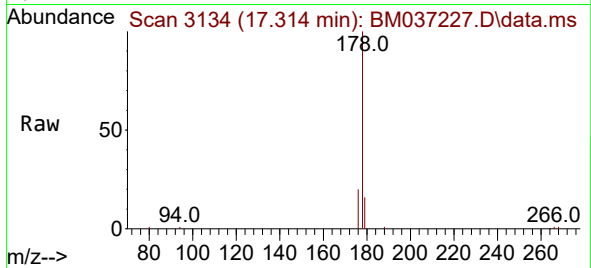




#15
Phenanthrene
Concen: 0.292 ng/ul
RT: 17.314 min Scan# 3134
Delta R.T. -0.000 min
Lab File: BM037227.D
Acq: 25 Oct 2022 14:21

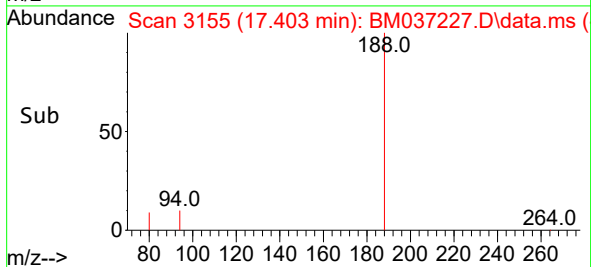
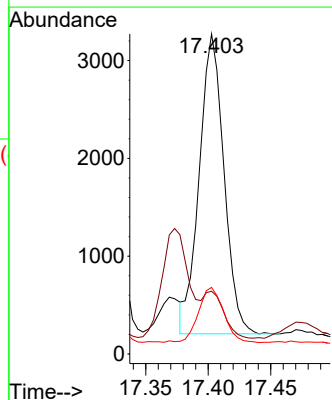
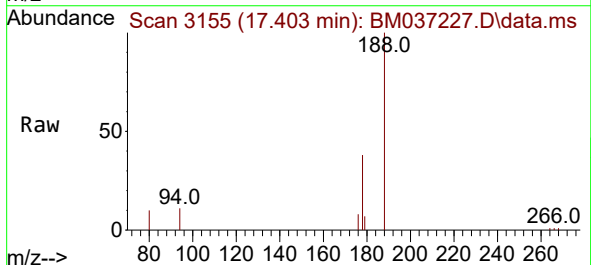
Instrument :
BNA_M
ClientSampleId :

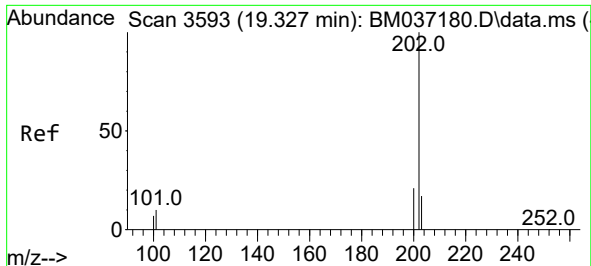
Tgt Ion:178 Resp: 18046
Ion Ratio Lower Upper
178 100
179 16.3 13.0 19.6
176 20.3 16.1 24.1



#16
Anthracene
Concen: 0.086 ng/ul
RT: 17.403 min Scan# 3155
Delta R.T. -0.000 min
Lab File: BM037227.D
Acq: 25 Oct 2022 14:21

Tgt Ion:178 Resp: 4208
Ion Ratio Lower Upper
178 100
179 19.6 13.1 19.7
176 20.8 15.3 22.9

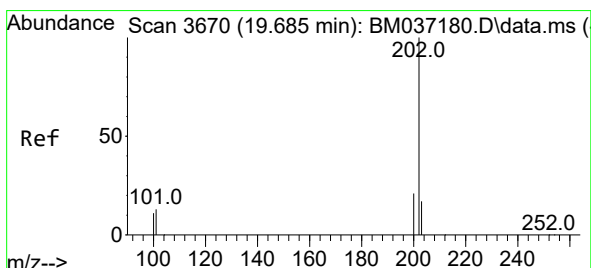
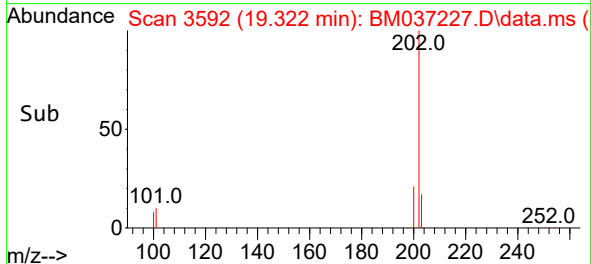
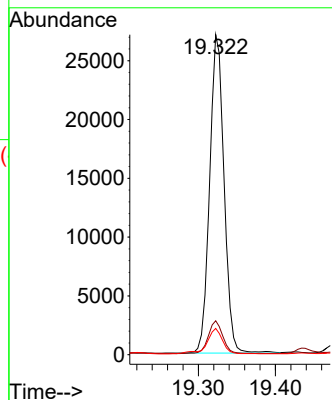
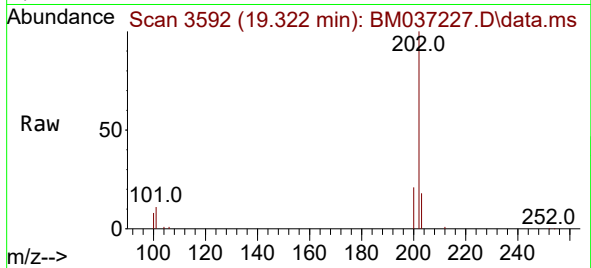




#19
Fluoranthene
Concen: 0.528 ng/ul
RT: 19.322 min Scan# 3592
Delta R.T. -0.005 min
Lab File: BM037227.D
Acq: 25 Oct 2022 14:21

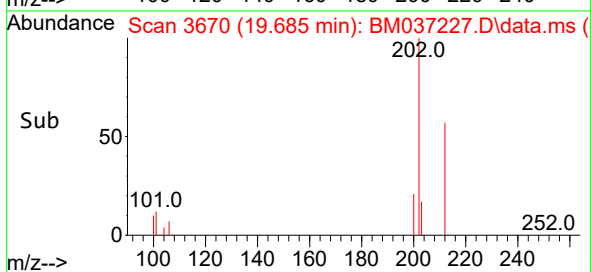
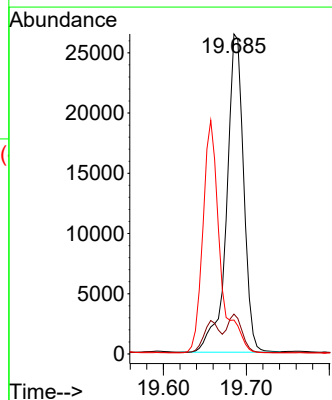
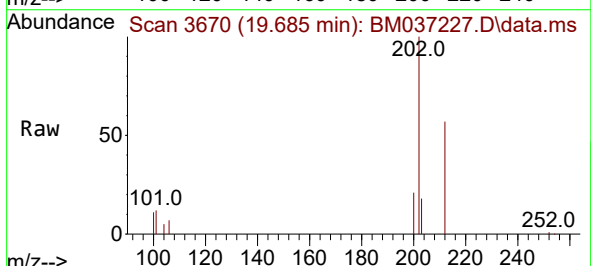
Instrument :
BNA_M
ClientSampleId :

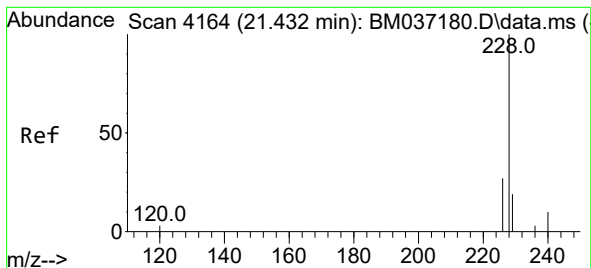
Tgt Ion:202 Resp: 35268
Ion Ratio Lower Upper
202 100
101 10.6 8.9 13.3
100 8.2 6.9 10.3



#20
Pyrene
Concen: 0.554 ng/ul
RT: 19.685 min Scan# 3670
Delta R.T. -0.000 min
Lab File: BM037227.D
Acq: 25 Oct 2022 14:21

Tgt Ion:202 Resp: 37550
Ion Ratio Lower Upper
202 100
101 12.4 9.7 14.5
100 10.6 7.8 11.8





#21

Benzo(a)anthracene

Concen: 0.267 ng/ul

RT: 21.429 min Scan# 41

Delta R.T. -0.003 min

Lab File: BM037227.D

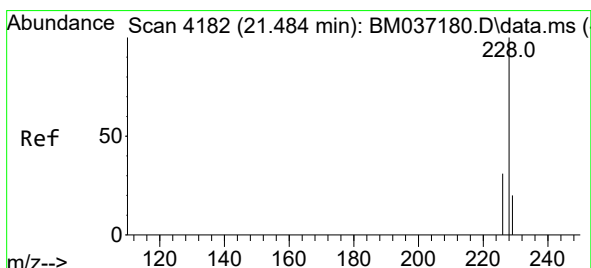
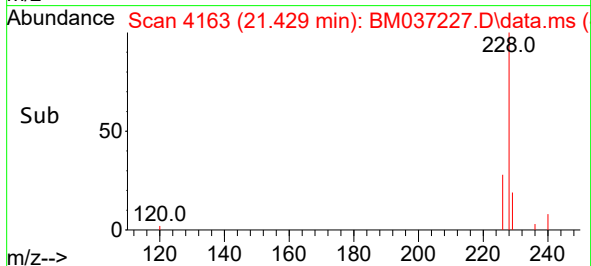
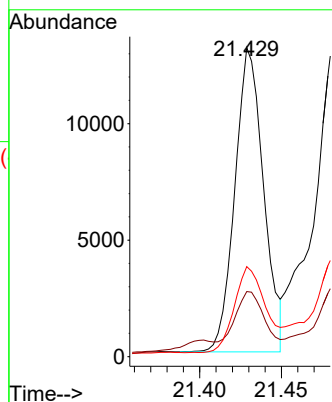
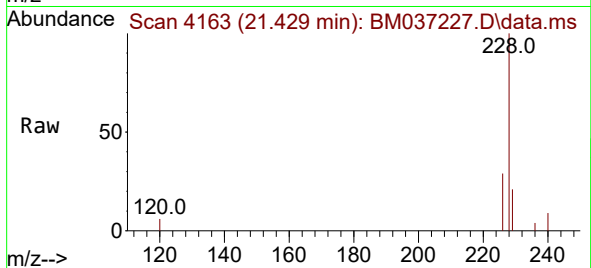
Acq: 25 Oct 2022 14:21

Instrument :

BNA_M

ClientSampleId :

Tgt Ion:228	Resp:	15956
Ion Ratio	Lower	Upper
228	100	
229	21.1	15.8 23.6
226	29.2	21.8 32.8



#22

Chrysene

Concen: 0.297 ng/ul

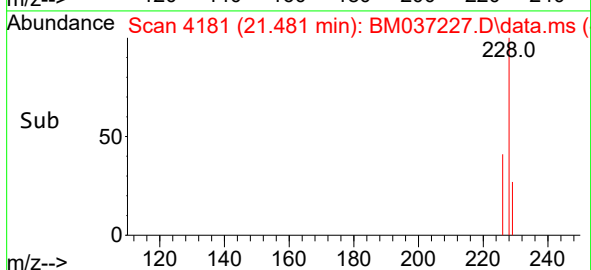
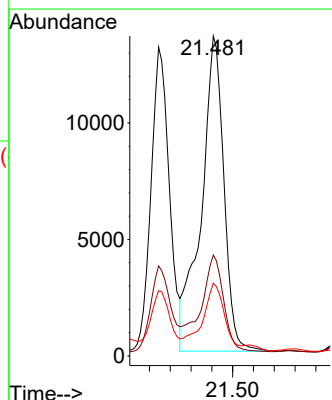
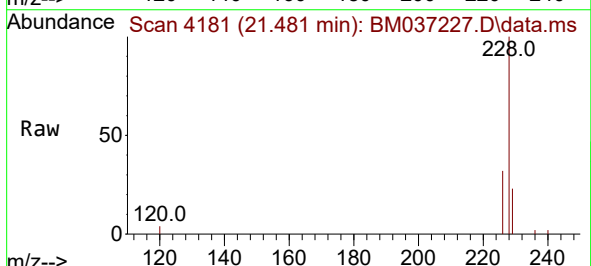
RT: 21.481 min Scan# 4181

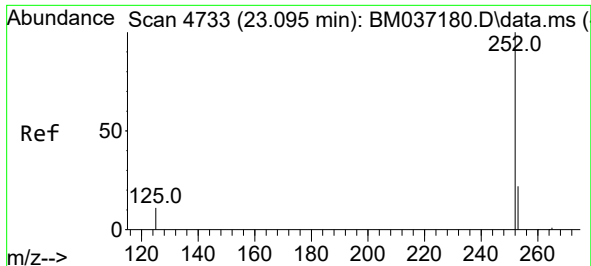
Delta R.T. -0.003 min

Lab File: BM037227.D

Acq: 25 Oct 2022 14:21

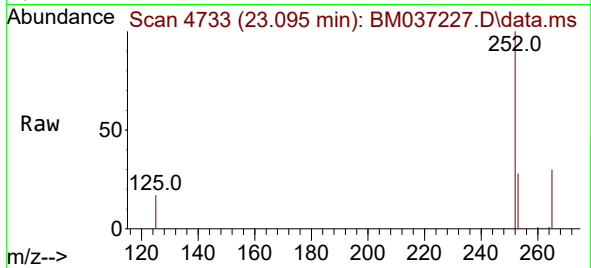
Tgt Ion:228	Resp:	20429
Ion Ratio	Lower	Upper
228	100	
226	31.6	24.8 37.2
229	22.8	16.0 24.0



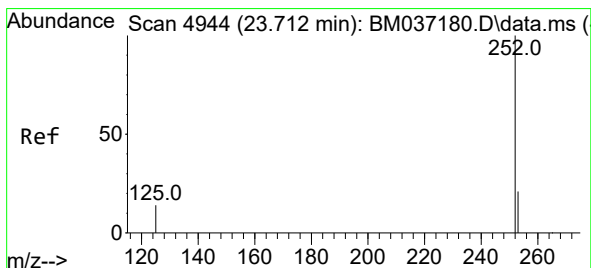
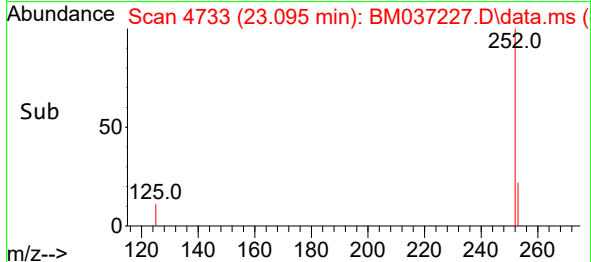
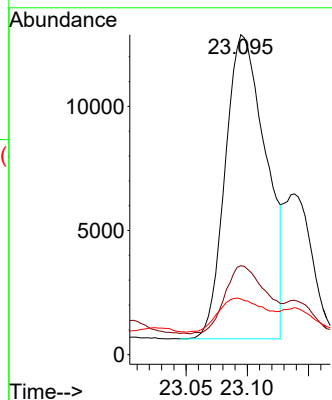


#24
Benzo(b)fluoranthene
Concen: 0.444 ng/ul
RT: 23.095 min Scan# 4733
Delta R.T. -0.000 min
Lab File: BM037227.D
Acq: 25 Oct 2022 14:21

Instrument :
BNA_M
ClientSampleId :

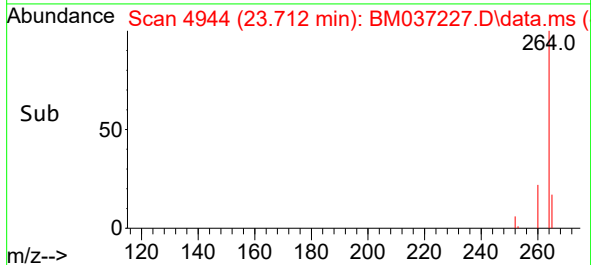
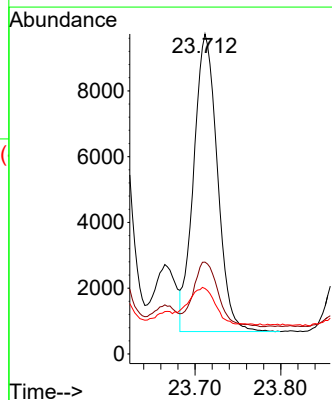
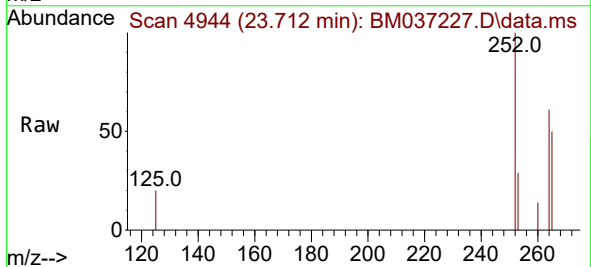


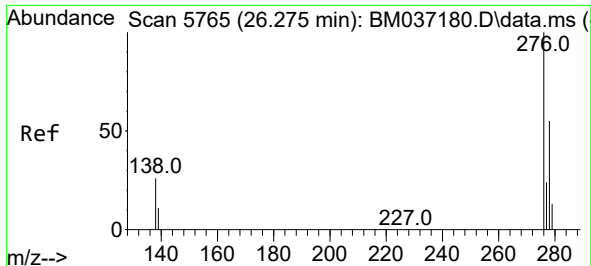
Tgt Ion:252 Resp: 28315
Ion Ratio Lower Upper
252 100
253 27.8 0.0 50.6
125 17.4 0.0 32.6



#26
Benzo(a)pyrene
Concen: 0.338 ng/ul
RT: 23.712 min Scan# 4944
Delta R.T. -0.000 min
Lab File: BM037227.D
Acq: 25 Oct 2022 14:21

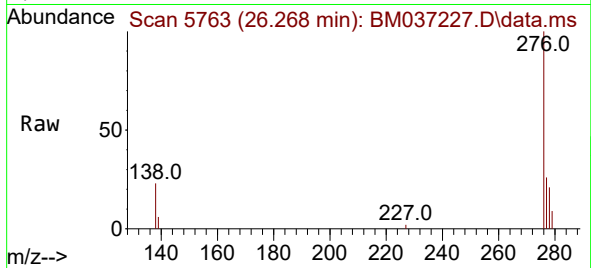
Tgt Ion:252 Resp: 17315
Ion Ratio Lower Upper
252 100
253 28.7 22.1 33.1
125 20.5 17.6 26.4



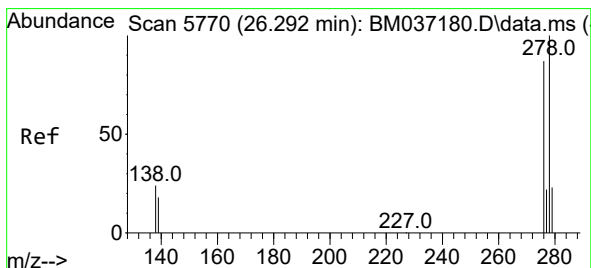
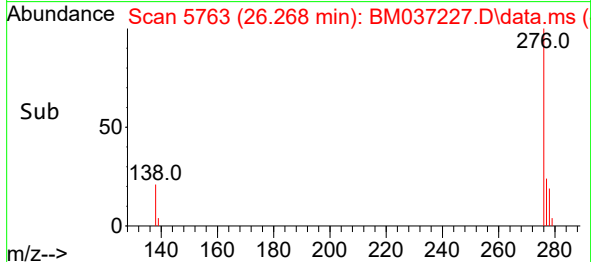
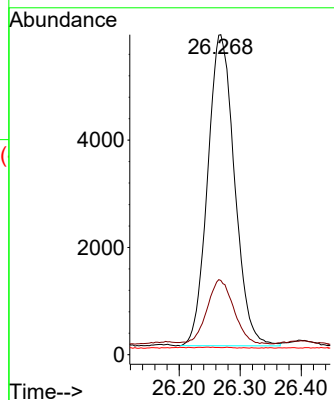


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.249 ng/ul
RT: 26.268 min Scan# 51
Delta R.T. -0.007 min
Lab File: BM037227.D
Acq: 25 Oct 2022 14:21

Instrument :
BNA_M
ClientSampleId :

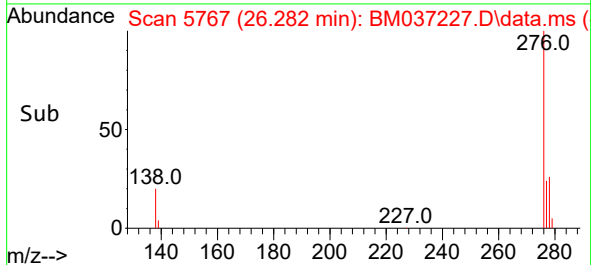
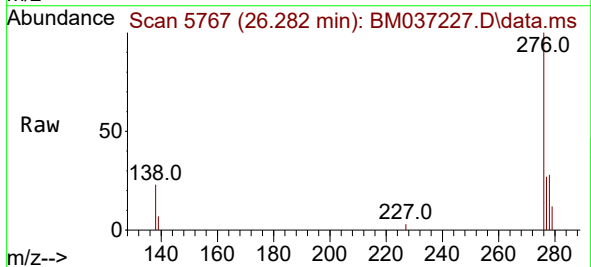
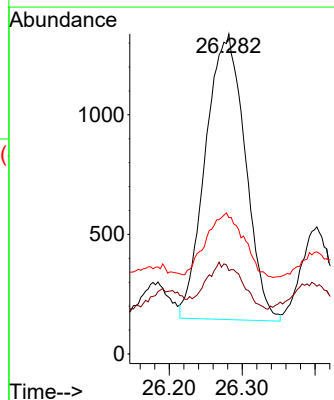


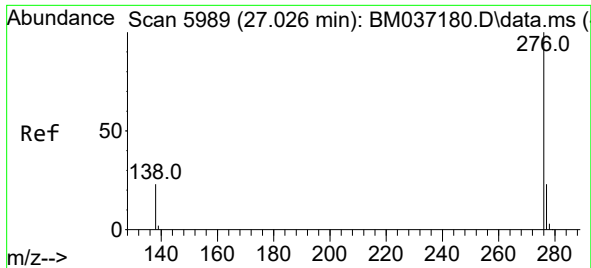
Tgt Ion:276 Resp: 17762
Ion Ratio Lower Upper
276 100
138 20.3 21.4 32.0#
227 0.1 0.1 0.1#



#28
Dibenzo(a,h)anthracene
Concen: 0.080 ng/ul
RT: 26.282 min Scan# 5767
Delta R.T. -0.010 min
Lab File: BM037227.D
Acq: 25 Oct 2022 14:21

Tgt Ion:278 Resp: 4502
Ion Ratio Lower Upper
278 100
139 26.1 16.3 24.5#
279 42.6 21.5 32.3#





#29

Benzo(g,h,i)perylene

Concen: 0.282 ng/ul

RT: 27.029 min Scan# 5990

Delta R.T. 0.003 min

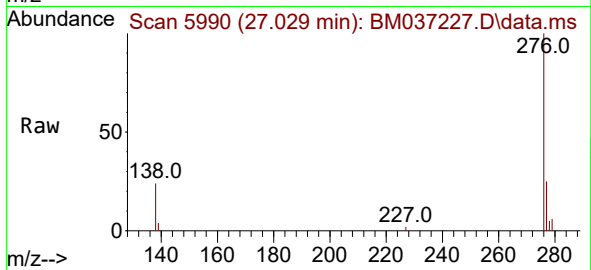
Lab File: BM037227.D

Acq: 25 Oct 2022 14:21

Instrument :

BNA_M

ClientSampleId :



Tgt Ion:276 Resp: 17703

Ion Ratio Lower Upper

276 100

138 23.5 19.8 29.8

277 25.4 20.1 30.1

