

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102522\
 Data File : BM037229.D
 Acq On : 25 Oct 2022 15:36
 Operator : CG/JU
 Sample : N5144-07
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Oct 26 07:32:54 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)

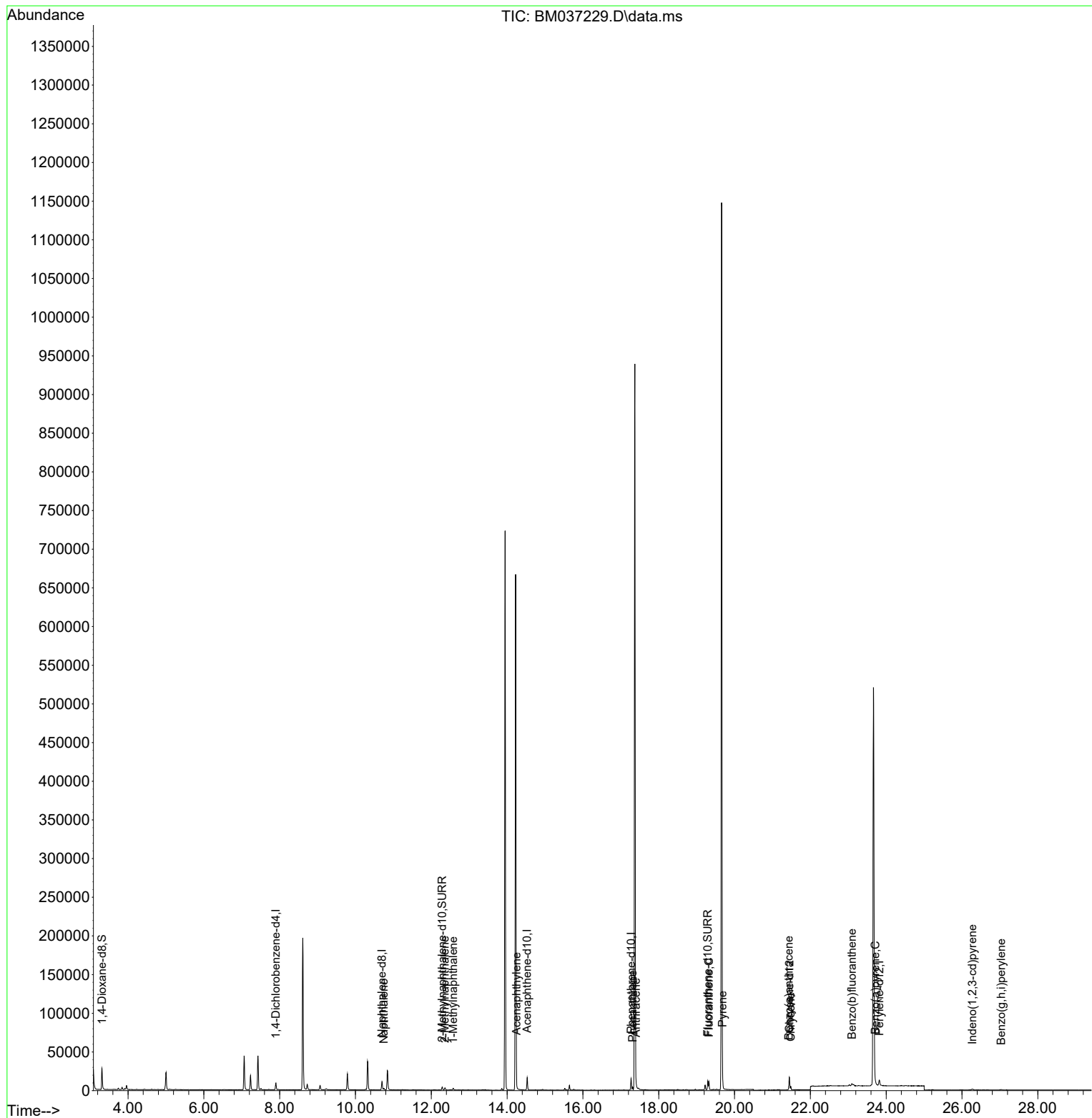
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.900	152	4460	0.400	ng/ul	0.00
4) Naphthalene-d8	10.699	136	14339	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.530	164	8369	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.272	188	17358	0.400	ng/ul	0.00
17) Chrysene-d12	21.446	240	13438	0.400	ng/ul	0.00
23) Perylene-d12	23.820	264	10388	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.314	96	18262	3.358	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.288	152	5157	0.253	ng/ul	0.00
18) Fluoranthene-d10	19.295	212	12572	0.309	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.748	128	2666	0.063	ng/ul#	92
7) 2-Methylnaphthalene	12.360	142	1984	0.078	ng/ul	100
8) 1-Methylnaphthalene	12.580	142	1525	0.059	ng/ul	100
10) Acenaphthylene	14.252	152	1090	0.030	ng/ul#	75
15) Phenanthrene	17.310	178	4126	0.070	ng/ul	96
16) Anthracene	17.403	178	1295	0.028	ng/ul#	79
19) Fluoranthene	19.323	202	8879	0.152	ng/ul	97
20) Pyrene	19.685	202	9416	0.159	ng/ul#	94
21) Benzo(a)anthracene	21.432	228	3896	0.075	ng/ul	92
22) Chrysene	21.484	228	4406	0.073	ng/ul	95
24) Benzo(b)fluoranthene	23.095	252	4648	0.084	ng/ul#	44
26) Benzo(a)pyrene	23.712	252	2521	0.057	ng/ul#	37
27) Indeno(1,2,3-cd)pyrene	26.275	276	1824	0.030	ng/ul#	87
29) Benzo(g,h,i)perylene	27.033	276	1259	0.023	ng/ul#	60

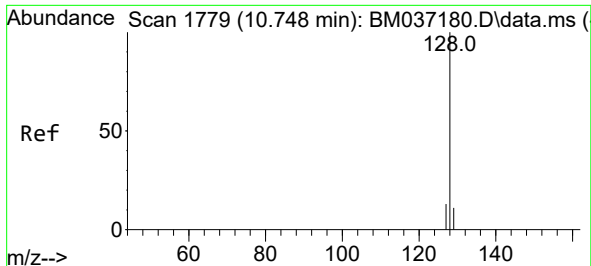
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102522\
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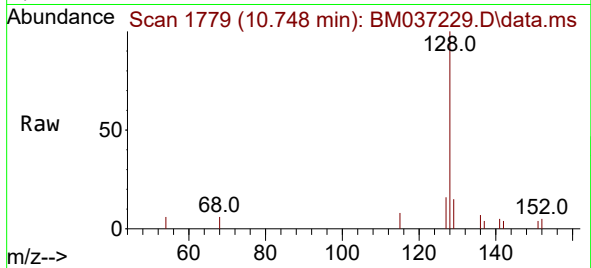
Quant Time: Oct 26 07:32:54 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM101922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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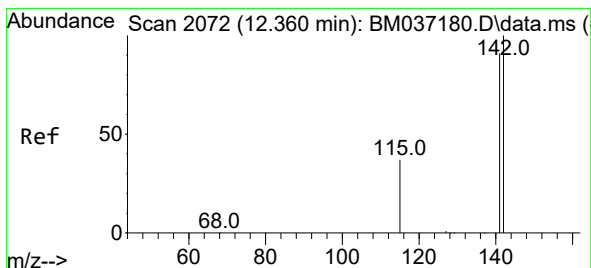
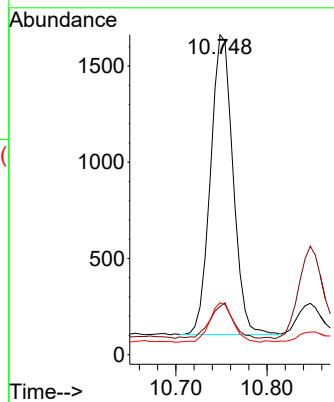
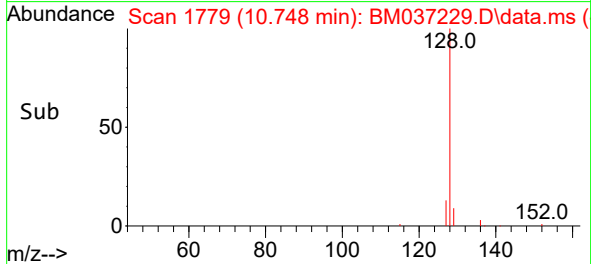


#5
Naphthalene
Concen: 0.063 ng/ul
RT: 10.748 min Scan# 1779
Delta R.T. 0.000 min
Lab File: BM037229.D
Acq: 25 Oct 2022 15:36

Instrument :
BNA_M
ClientSampleId :

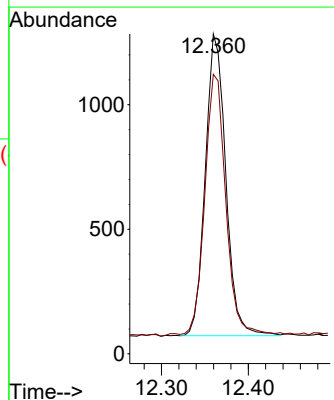
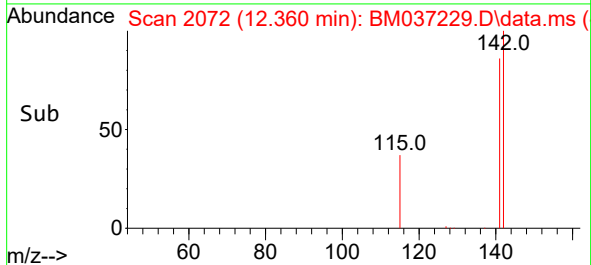
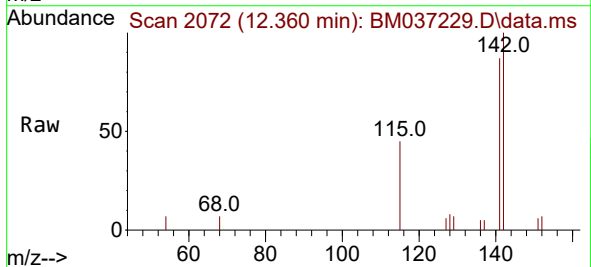


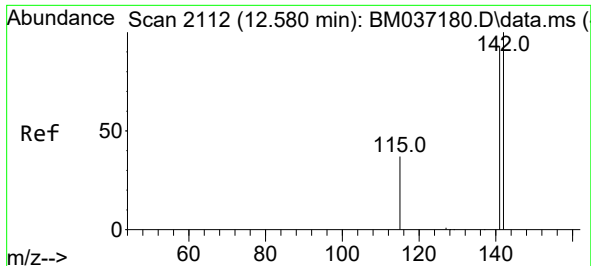
Tgt Ion:128 Resp: 2666
Ion Ratio Lower Upper
128 100
129 15.0 9.3 13.9#
127 16.2 10.5 15.7#



#7
2-Methylnaphthalene
Concen: 0.078 ng/ul
RT: 12.360 min Scan# 2072
Delta R.T. 0.000 min
Lab File: BM037229.D
Acq: 25 Oct 2022 15:36

Tgt Ion:142 Resp: 1984
Ion Ratio Lower Upper
142 100
141 91.3 72.8 109.2

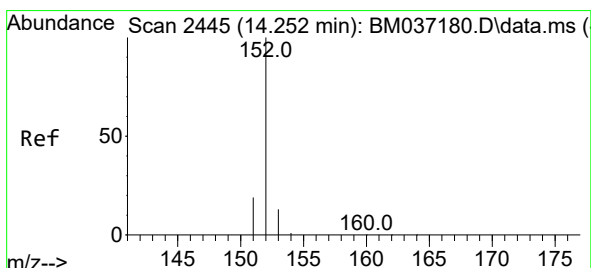
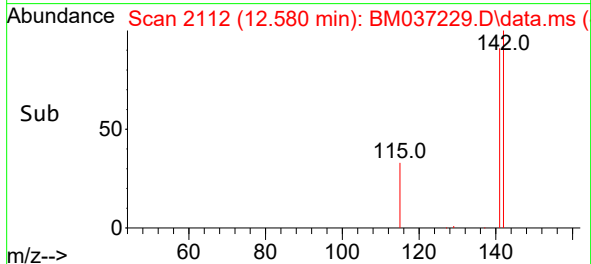
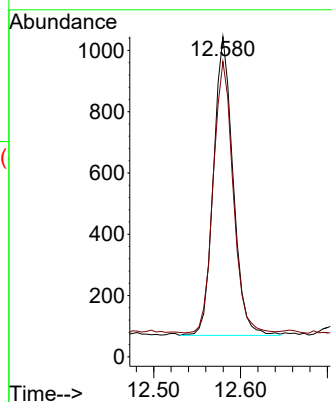
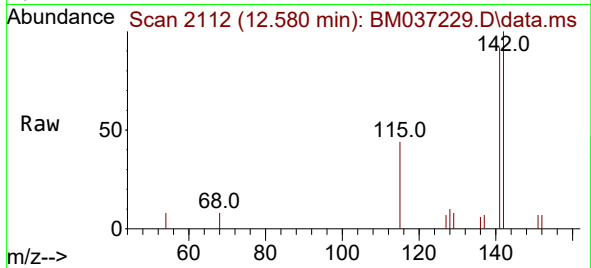




#8
1-Methylnaphthalene
Concen: 0.059 ng/ul
RT: 12.580 min Scan# 2112
Delta R.T. 0.000 min
Lab File: BM037229.D
Acq: 25 Oct 2022 15:36

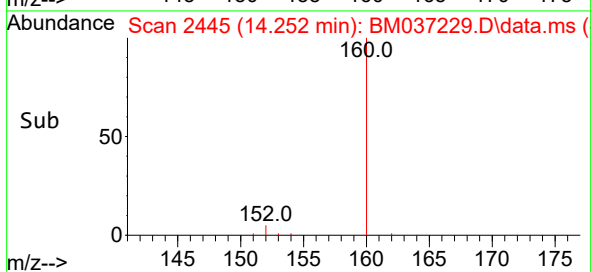
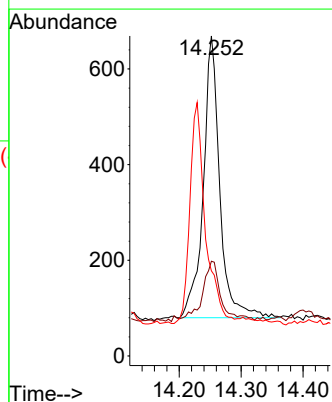
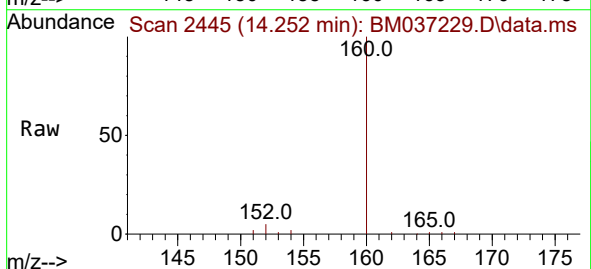
Instrument :
BNA_M
ClientSampleId :

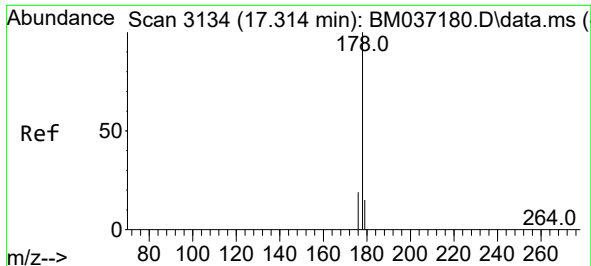
Tgt Ion:142 Resp: 1525
Ion Ratio Lower Upper
142 100
141 92.5 74.2 111.4



#10
Acenaphthylene
Concen: 0.030 ng/ul
RT: 14.252 min Scan# 2445
Delta R.T. 0.000 min
Lab File: BM037229.D
Acq: 25 Oct 2022 15:36

Tgt Ion:152 Resp: 1090
Ion Ratio Lower Upper
152 100
151 29.6 16.2 24.2#
153 26.6 10.8 16.2#

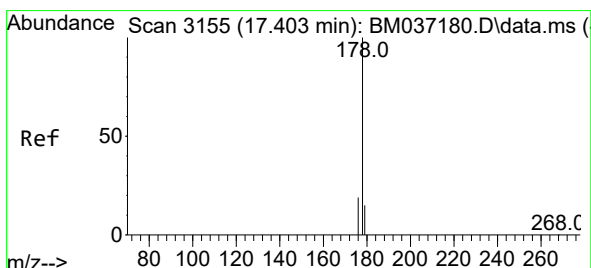
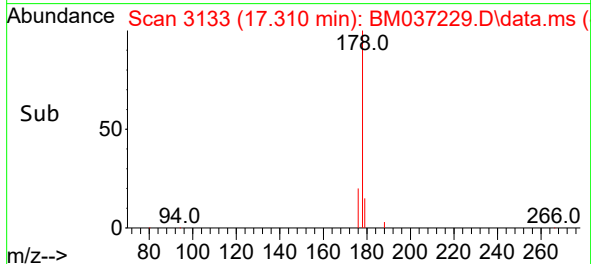
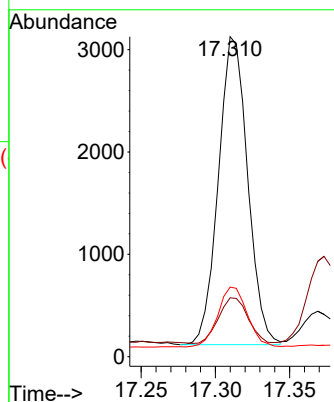
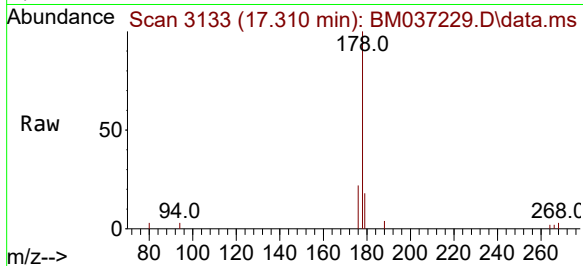




#15
Phenanthrene
Concen: 0.070 ng/ul
RT: 17.310 min Scan# 3133
Delta R.T. -0.004 min
Lab File: BM037229.D
Acq: 25 Oct 2022 15:36

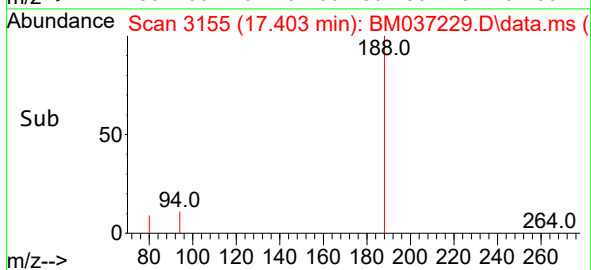
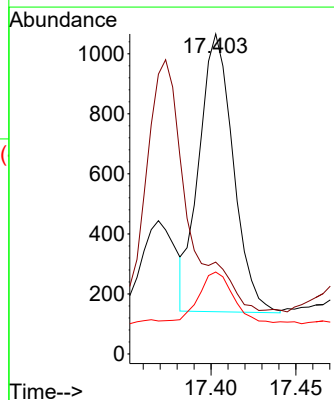
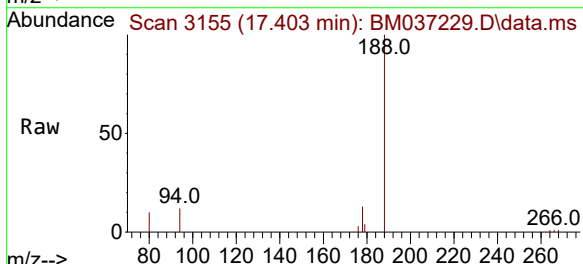
Instrument :
BNA_M
ClientSampleId :

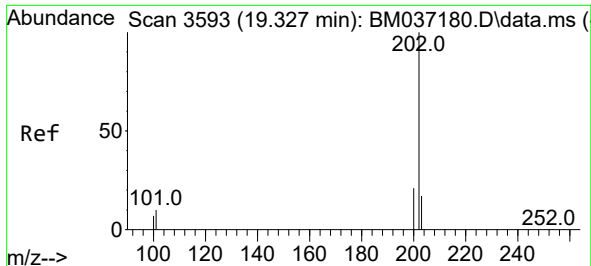
Tgt Ion:178 Resp: 4126
Ion Ratio Lower Upper
178 100
179 18.4 13.0 19.6
176 21.7 16.1 24.1



#16
Anthracene
Concen: 0.028 ng/ul
RT: 17.403 min Scan# 3155
Delta R.T. 0.000 min
Lab File: BM037229.D
Acq: 25 Oct 2022 15:36

Tgt Ion:178 Resp: 1295
Ion Ratio Lower Upper
178 100
179 28.7 13.1 19.7#
176 25.6 15.3 22.9#

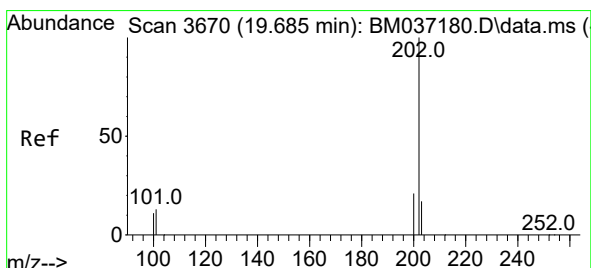
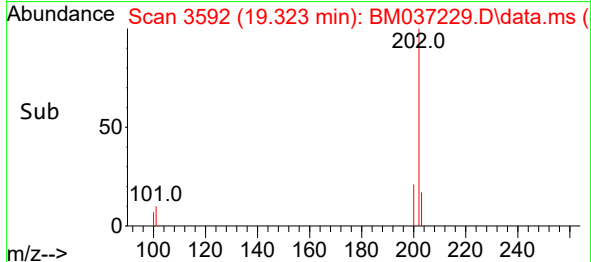
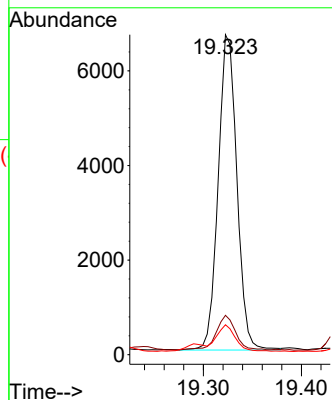
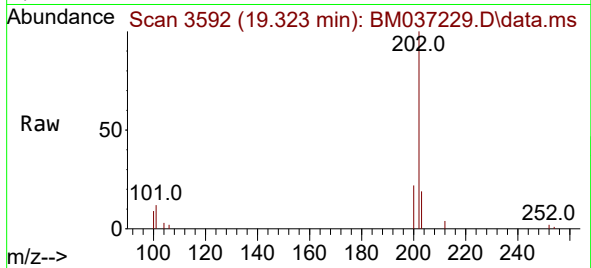




#19
Fluoranthene
Concen: 0.152 ng/ul
RT: 19.323 min Scan# 3592
Delta R.T. -0.005 min
Lab File: BM037229.D
Acq: 25 Oct 2022 15:36

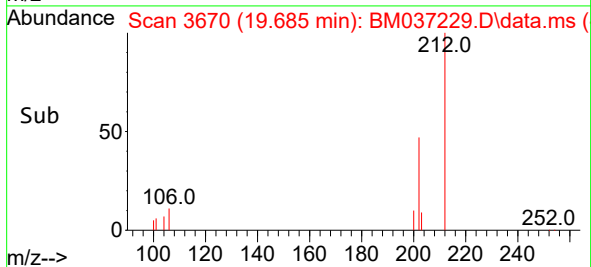
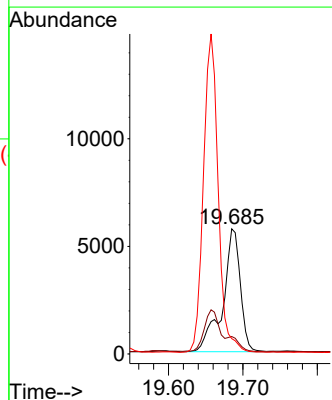
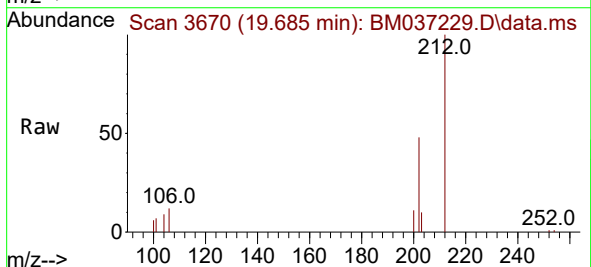
Instrument :
BNA_M
ClientSampleId :

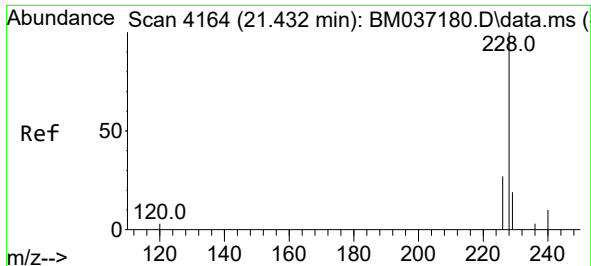
Tgt Ion:202 Resp: 8879
Ion Ratio Lower Upper
202 100
101 12.3 8.9 13.3
100 9.4 6.9 10.3



#20
Pyrene
Concen: 0.159 ng/ul
RT: 19.685 min Scan# 3670
Delta R.T. 0.000 min
Lab File: BM037229.D
Acq: 25 Oct 2022 15:36

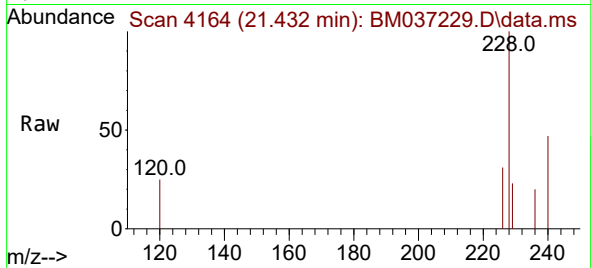
Tgt Ion:202 Resp: 9416
Ion Ratio Lower Upper
202 100
101 13.9 9.7 14.5
100 12.2 7.8 11.8#



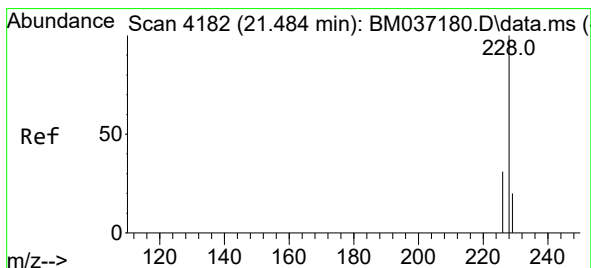
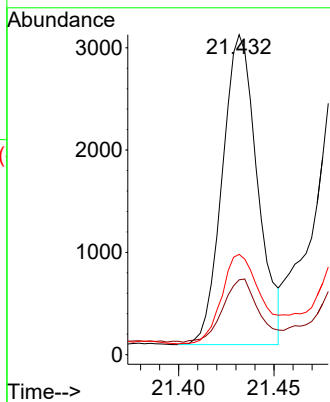
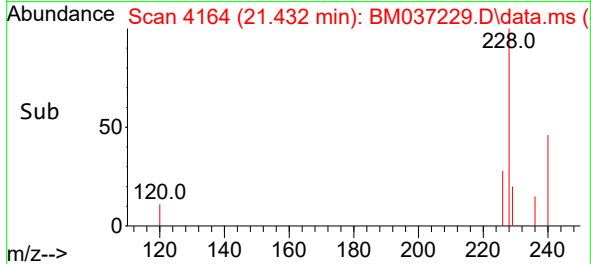


#21
Benzo(a)anthracene
Concen: 0.075 ng/ul
RT: 21.432 min Scan# 4164
Delta R.T. 0.000 min
Lab File: BM037229.D
Acq: 25 Oct 2022 15:36

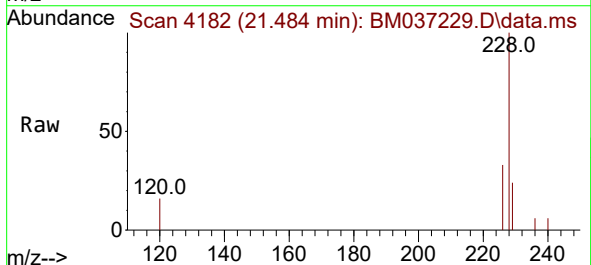
Instrument :
BNA_M
ClientSampleId :



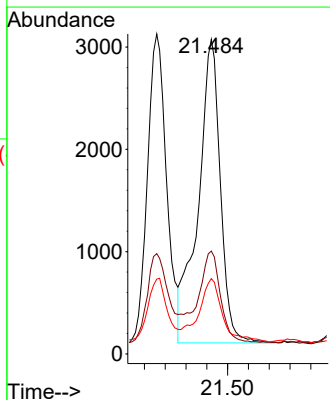
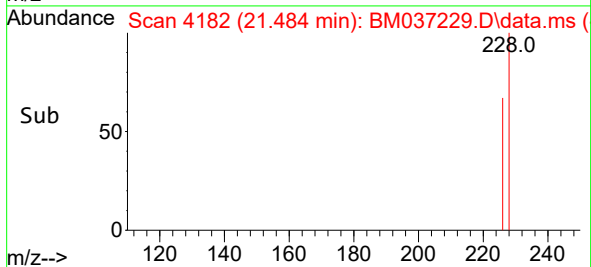
Tgt Ion:228 Resp: 3896
Ion Ratio Lower Upper
228 100
229 23.4 15.8 23.6
226 31.3 21.8 32.8

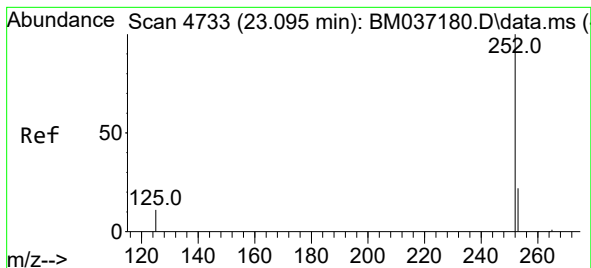


#22
Chrysene
Concen: 0.073 ng/ul
RT: 21.484 min Scan# 4182
Delta R.T. 0.000 min
Lab File: BM037229.D
Acq: 25 Oct 2022 15:36



Tgt Ion:228 Resp: 4406
Ion Ratio Lower Upper
228 100
226 32.7 24.8 37.2
229 23.9 16.0 24.0





#24

Benzo(b)fluoranthene

Concen: 0.084 ng/ul

RT: 23.095 min Scan# 41

Delta R.T. 0.000 min

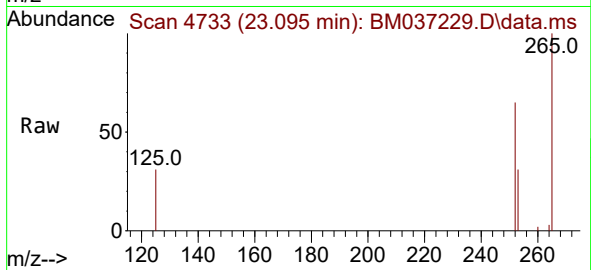
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Acq: 25 Oct 2022 15:36

Instrument :

BNA_M

ClientSampleId :



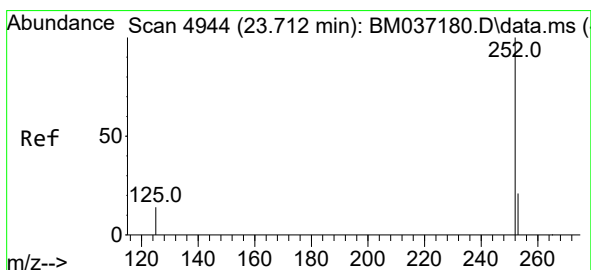
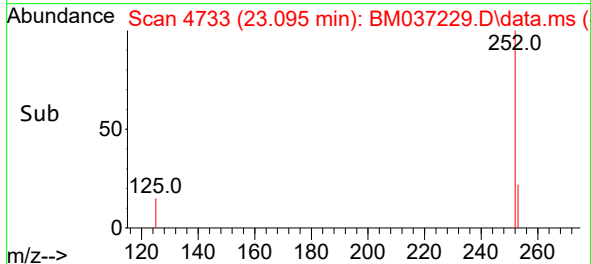
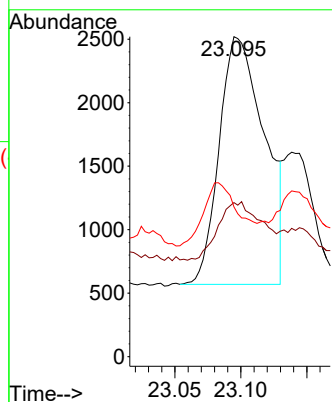
Tgt Ion:252 Resp: 4648

Ion Ratio Lower Upper

252 100

253 48.1 0.0 50.6

125 46.8 0.0 32.6#



#26

Benzo(a)pyrene

Concen: 0.057 ng/ul

RT: 23.712 min Scan# 4944

Delta R.T. 0.000 min

Lab File: BM037229.D

Acq: 25 Oct 2022 15:36

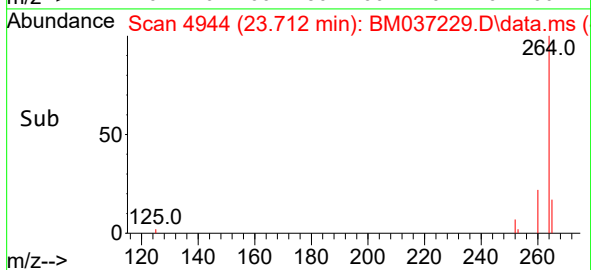
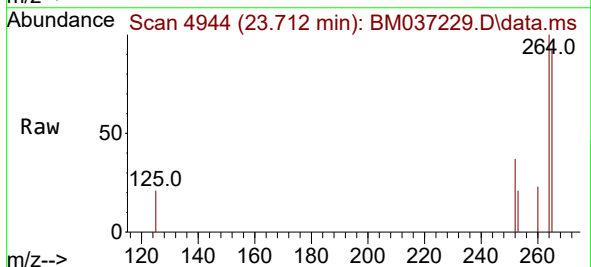
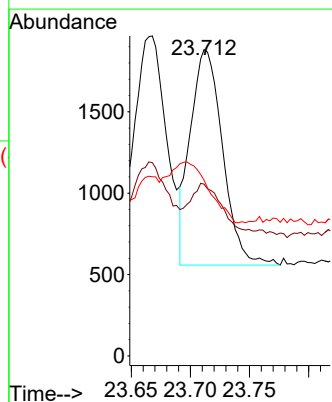
Tgt Ion:252 Resp: 2521

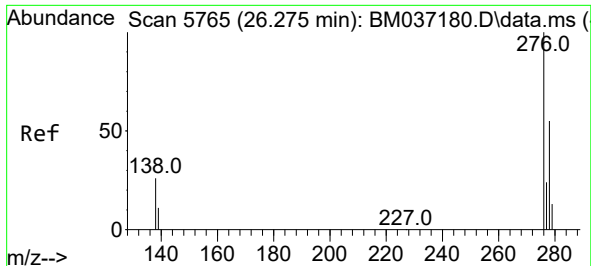
Ion Ratio Lower Upper

252 100

253 56.1 22.1 33.1#

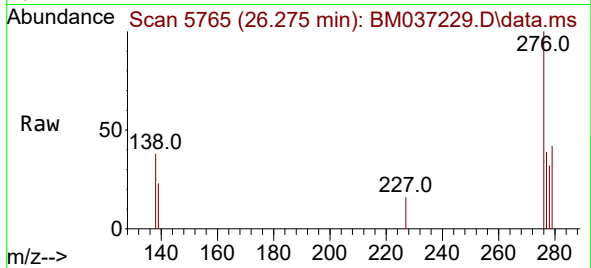
125 57.4 17.6 26.4#



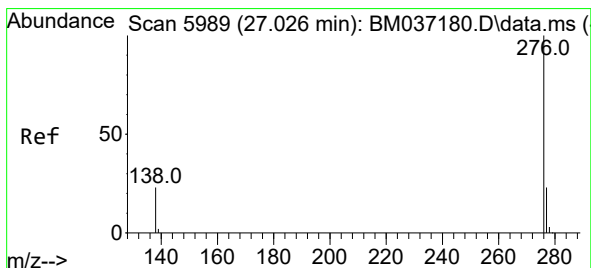
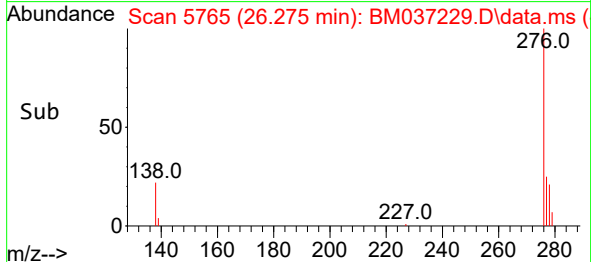
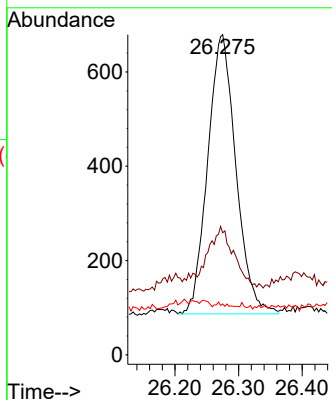


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.030 ng/ul
RT: 26.275 min Scan# 51
Delta R.T. 0.000 min
Lab File: BM037229.D
Acq: 25 Oct 2022 15:36

Instrument :
BNA_M
ClientSampleId :



Tgt Ion:276 Resp: 1824
Ion Ratio Lower Upper
276 100
138 19.7 21.4 32.0#
227 1.1 0.1 0.1#



#29
Benzo(g,h,i)perylene
Concen: 0.023 ng/ul
RT: 27.033 min Scan# 5991
Delta R.T. 0.007 min
Lab File: BM037229.D
Acq: 25 Oct 2022 15:36

Tgt Ion:276 Resp: 1259
Ion Ratio Lower Upper
276 100
138 45.8 19.8 29.8#
277 44.5 20.1 30.1#

