

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101322\
 Data File : BM037088.D
 Acq On : 15 Oct 2022 12:13
 Operator : CG/JU
 Sample : N5049-06DL 5X
 Misc :
 ALS Vial : 85 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0BJ6DL

Quant Time: Oct 17 00:55:25 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM100622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 15 04:13:53 2022
 Response via : Initial Calibration

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

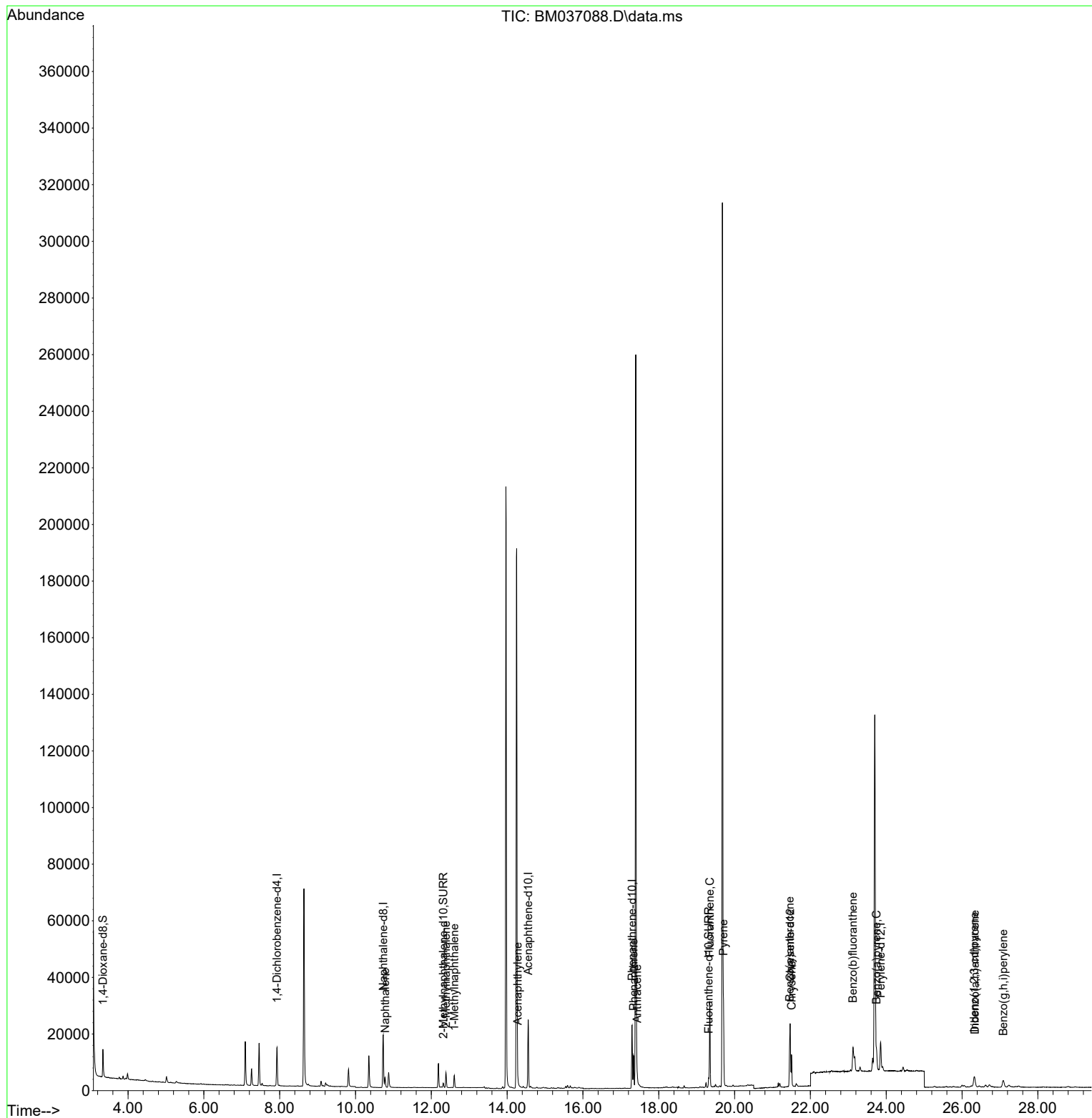
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.930	152	7075	0.400	ng/ul	0.00
4) Naphthalene-d8	10.732	136	25404	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.557	164	13546	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.296	188	26048	0.400	ng/ul	0.00
17) Chrysene-d12	21.468	240	17011	0.400	ng/ul	0.00
23) Perylene-d12	23.853	264	13711	0.400	ng/ul #	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.340	96	6577	0.659	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.316	152	1988	0.052	ng/ul	0.00
18) Fluoranthene-d10	19.317	212	3307	0.065	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.781	128	4693	0.065	ng/ul	99
7) 2-Methylnaphthalene	12.387	142	3821	0.086	ng/ul	93
8) 1-Methylnaphthalene	12.607	142	3049	0.068	ng/ul	99
10) Acenaphthylene	14.279	152	2624	0.047	ng/ul#	90
15) Phenanthrene	17.334	178	12297	0.148	ng/ul	98
16) Anthracene	17.427	178	2819	0.041	ng/ul#	89
19) Fluoranthene	19.345	202	25141	0.372	ng/ul	98
20) Pyrene	19.707	202	22384	0.317	ng/ul	100
21) Benzo(a)anthracene	21.450	228	9831	0.160	ng/ul	96
22) Chrysene	21.503	228	11343	0.172	ng/ul	98
24) Benzo(b)fluoranthene	23.125	252	14522	0.237	ng/ul	87
26) Benzo(a)pyrene	23.745	252	8500	0.171	ng/ul#	90
27) Indeno(1,2,3-cd)pyrene	26.323	276	6787	0.096	ng/ul#	93
28) Dibenzo(a,h)anthracene	26.340	278	1661	0.029	ng/ul#	45
29) Benzo(g,h,i)perylene	27.087	276	5413	0.087	ng/ul#	89

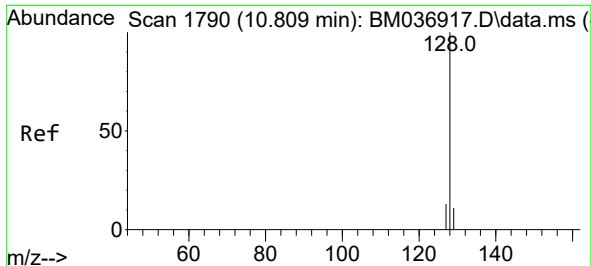
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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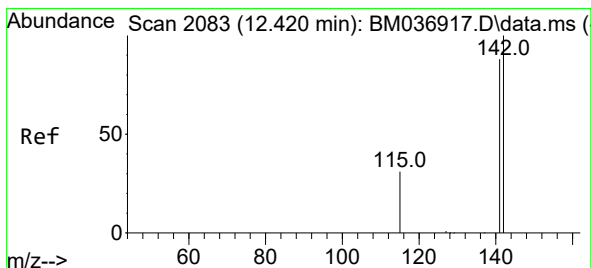
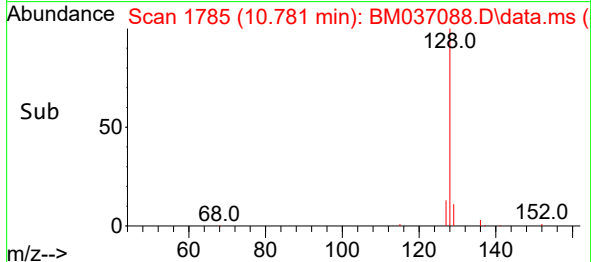
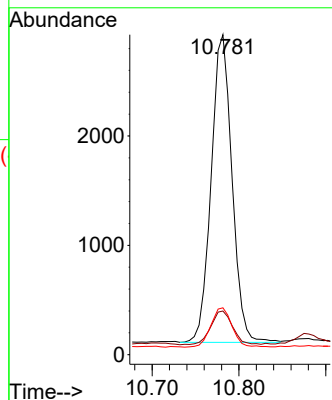
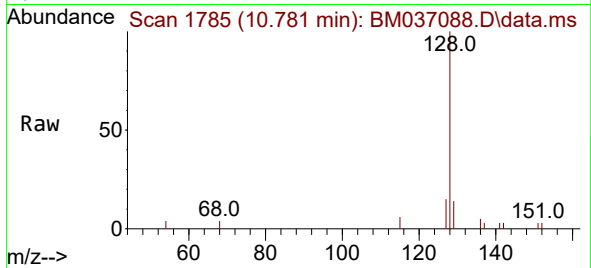




#5
Naphthalene
Concen: 0.065 ng/ul
RT: 10.781 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM037088.D
Acq: 15 Oct 2022 12:13

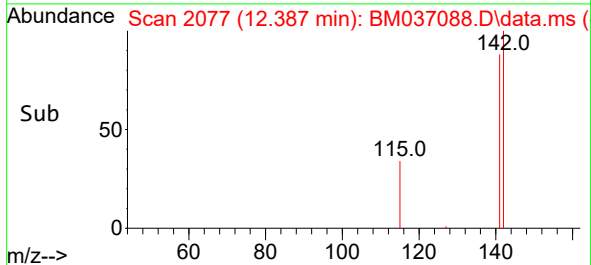
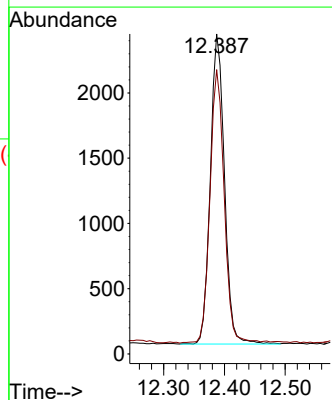
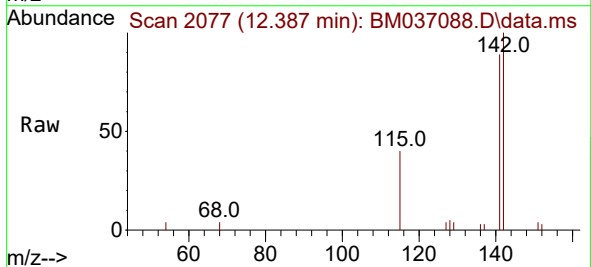
Instrument :
BNA_M
ClientSampleId :
C0BJ6DL

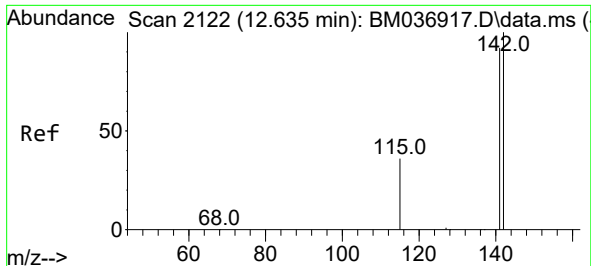
Tgt Ion:128 Resp: 4693
Ion Ratio Lower Upper
128 100
129 13.6 10.2 15.2
127 14.7 11.7 17.5



#7
2-Methylnaphthalene
Concen: 0.086 ng/ul
RT: 12.387 min Scan# 2077
Delta R.T. -0.005 min
Lab File: BM037088.D
Acq: 15 Oct 2022 12:13

Tgt Ion:142 Resp: 3821
Ion Ratio Lower Upper
142 100
141 89.6 77.4 116.0

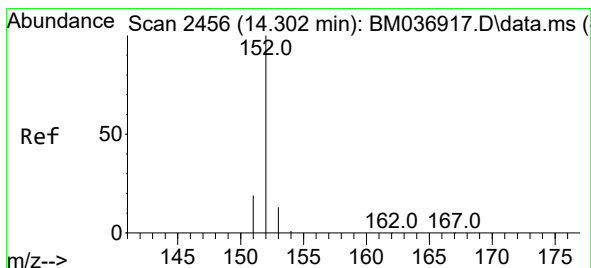
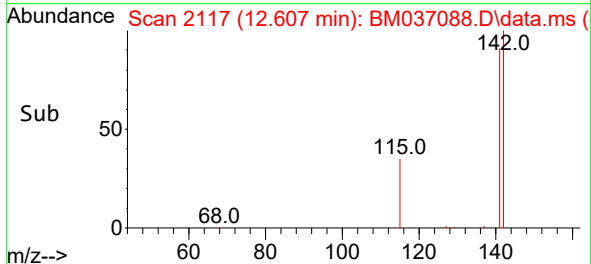
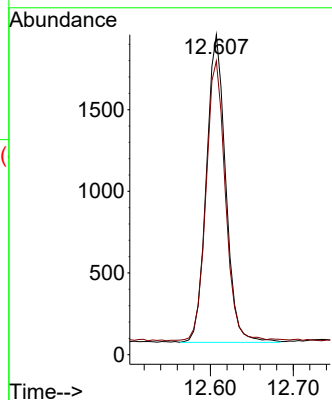
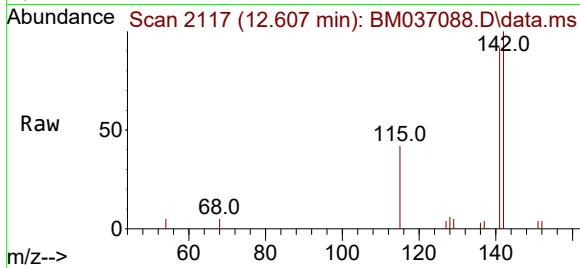




#8
1-Methylnaphthalene
Concen: 0.068 ng/ul
RT: 12.607 min Scan# 2122
Delta R.T. 0.000 min
Lab File: BM037088.D
Acq: 15 Oct 2022 12:13

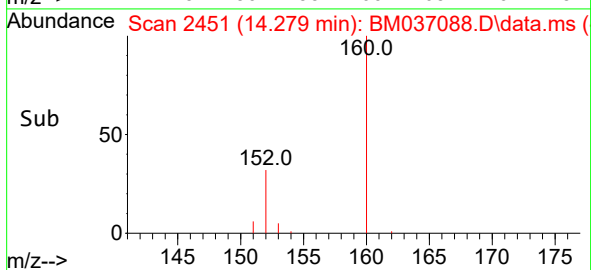
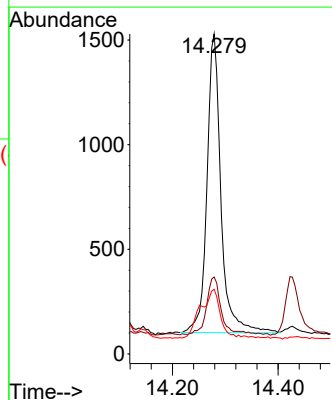
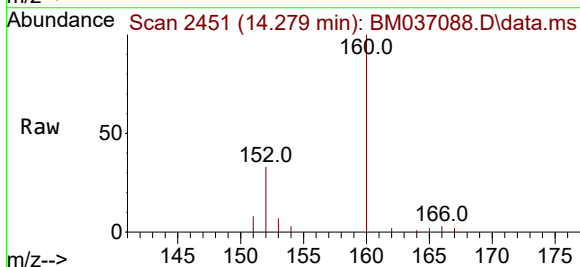
Instrument :
BNA_M
ClientSampleId :
C0BJ6DL

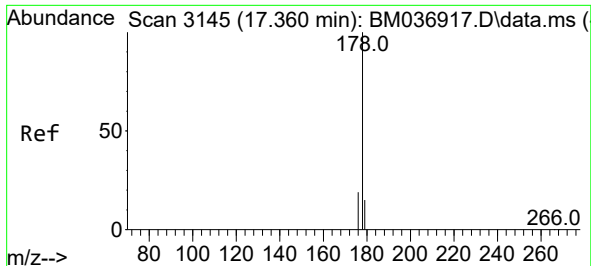
Tgt Ion:142 Resp: 3049
Ion Ratio Lower Upper
142 100
141 91.2 74.1 111.1



#10
Acenaphthylene
Concen: 0.047 ng/ul
RT: 14.279 min Scan# 2451
Delta R.T. 0.000 min
Lab File: BM037088.D
Acq: 15 Oct 2022 12:13

Tgt Ion:152 Resp: 2624
Ion Ratio Lower Upper
152 100
151 24.1 16.6 24.8
153 20.2 11.4 17.0#

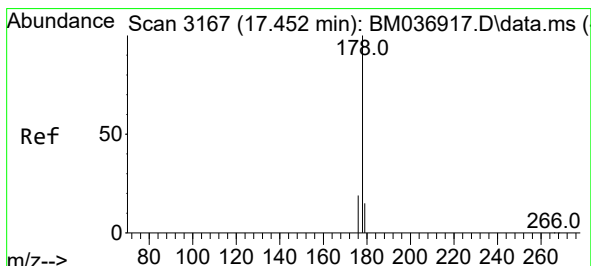
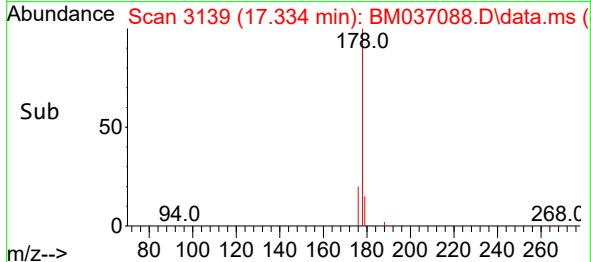
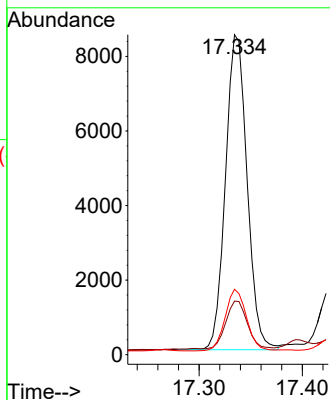
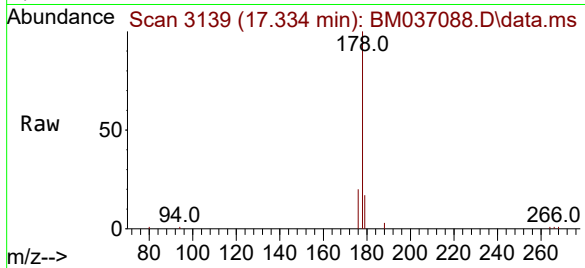




#15
Phenanthrene
Concen: 0.148 ng/ul
RT: 17.334 min Scan# 3145
Delta R.T. -0.004 min
Lab File: BM037088.D
Acq: 15 Oct 2022 12:13

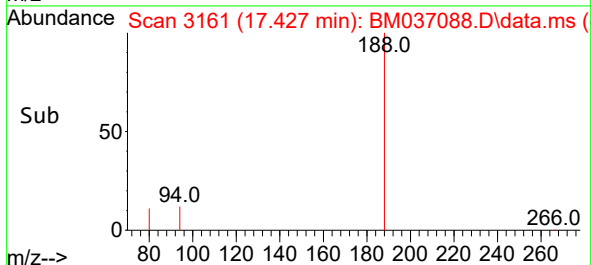
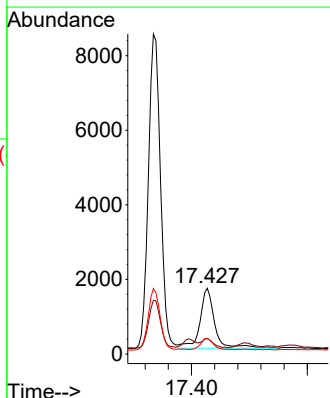
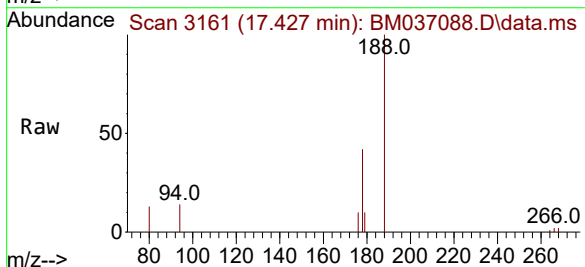
Instrument :
BNA_M
ClientSampleId :
C0BJ6DL

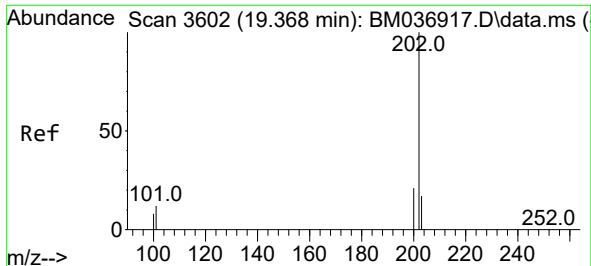
Tgt Ion:178 Resp: 12297
Ion Ratio Lower Upper
178 100
179 16.8 13.0 19.6
176 20.4 15.6 23.4



#16
Anthracene
Concen: 0.041 ng/ul
RT: 17.427 min Scan# 3161
Delta R.T. -0.004 min
Lab File: BM037088.D
Acq: 15 Oct 2022 12:13

Tgt Ion:178 Resp: 2819
Ion Ratio Lower Upper
178 100
179 23.4 13.6 20.4#
176 23.4 15.6 23.4#

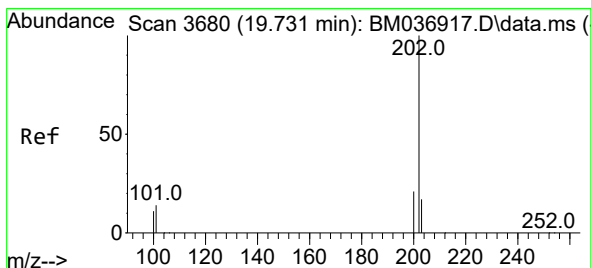
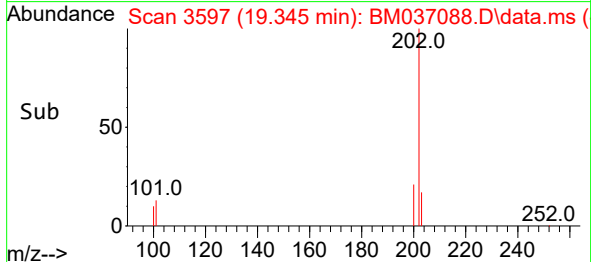
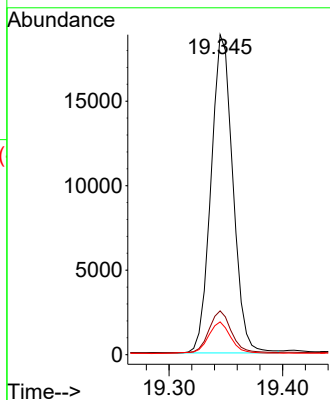
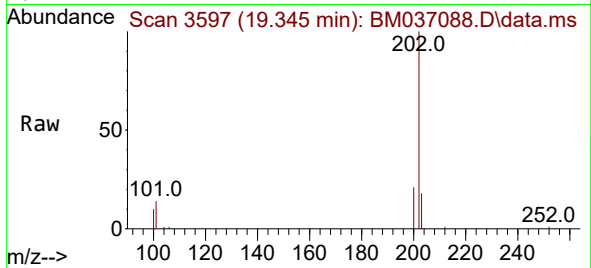




#19
Fluoranthene
Concen: 0.372 ng/ul
RT: 19.345 min Scan# 31
Delta R.T. -0.005 min
Lab File: BM037088.D
Acq: 15 Oct 2022 12:13

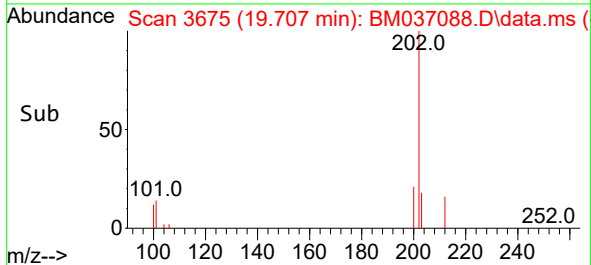
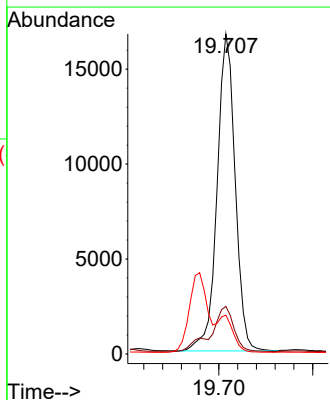
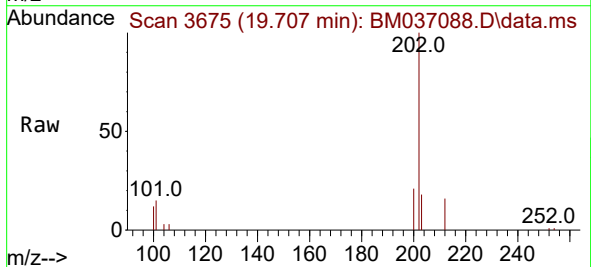
Instrument :
BNA_M
ClientSampleId :
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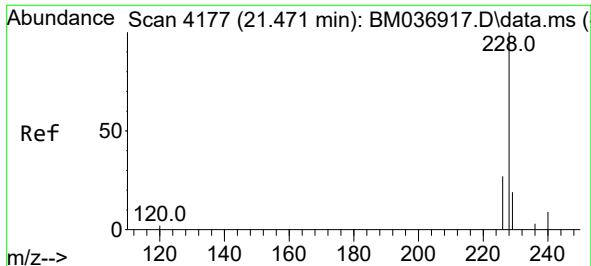
Tgt Ion:202 Resp: 25141
Ion Ratio Lower Upper
202 100
101 13.7 10.1 15.1
100 10.3 7.9 11.9



#20
Pyrene
Concen: 0.317 ng/ul
RT: 19.707 min Scan# 3675
Delta R.T. 0.000 min
Lab File: BM037088.D
Acq: 15 Oct 2022 12:13

Tgt Ion:202 Resp: 22384
Ion Ratio Lower Upper
202 100
101 14.9 12.0 18.0
100 12.2 9.8 14.6

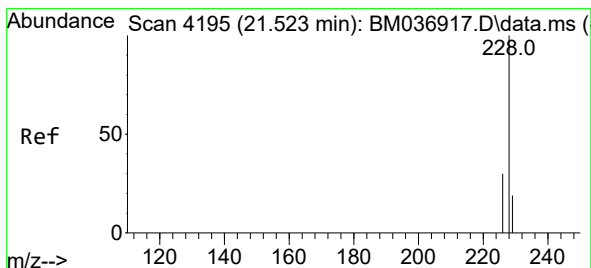
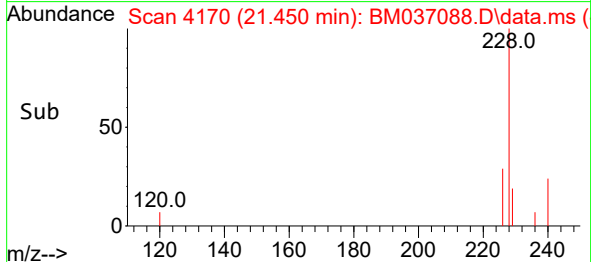
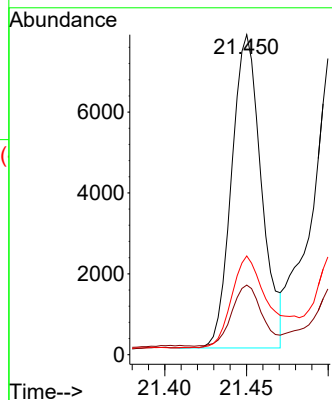
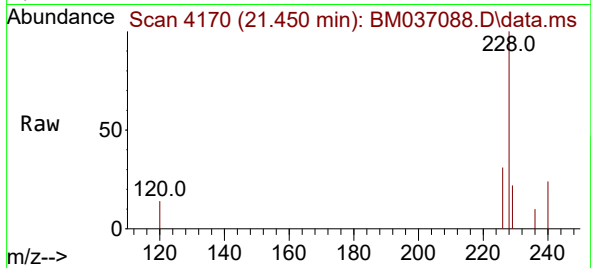




#21
Benzo(a)anthracene
Concen: 0.160 ng/ul
RT: 21.450 min Scan# 4177
Delta R.T. 0.000 min
Lab File: BM037088.D
Acq: 15 Oct 2022 12:13

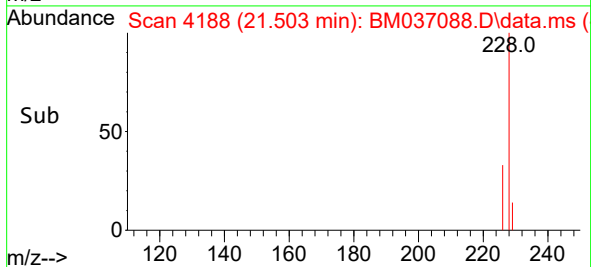
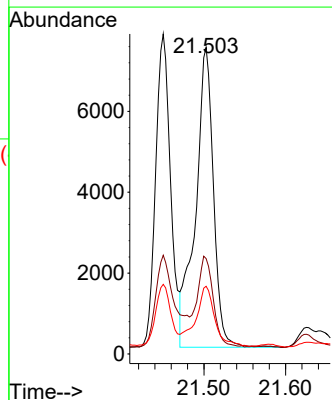
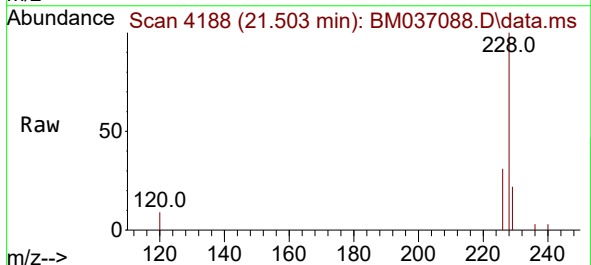
Instrument :
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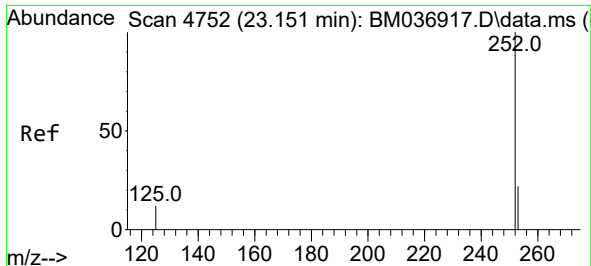
Tgt Ion:228 Resp: 9831
Ion Ratio Lower Upper
228 100
229 21.8 16.2 24.2
226 30.8 22.5 33.7



#22
Chrysene
Concen: 0.172 ng/ul
RT: 21.503 min Scan# 4188
Delta R.T. 0.000 min
Lab File: BM037088.D
Acq: 15 Oct 2022 12:13

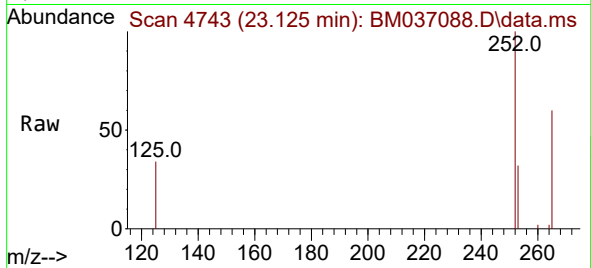
Tgt Ion:228 Resp: 11343
Ion Ratio Lower Upper
228 100
226 31.1 24.6 37.0
229 22.1 16.4 24.6



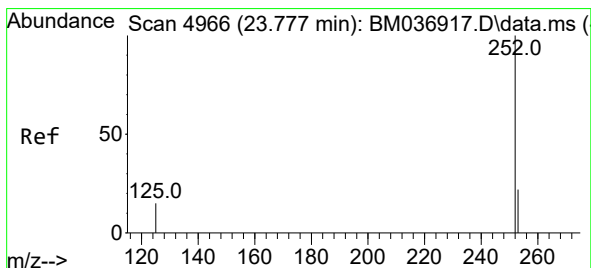
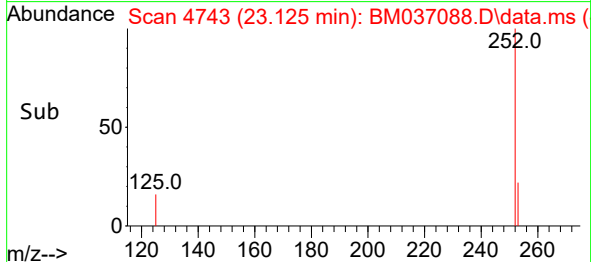
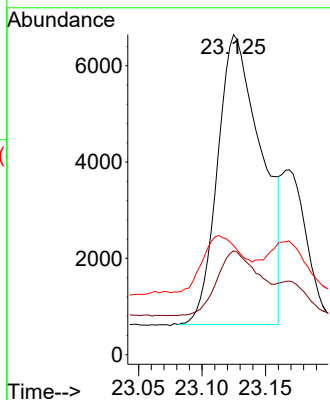


#24
Benzo(b)fluoranthene
Concen: 0.237 ng/ul
RT: 23.125 min Scan# 41
Delta R.T. 0.003 min
Lab File: BM037088.D
Acq: 15 Oct 2022 12:13

Instrument :
BNA_M
ClientSampleId :
C0BJ6DL

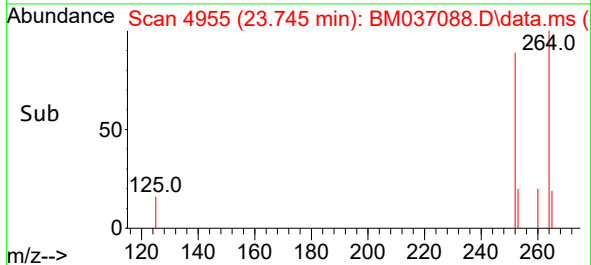
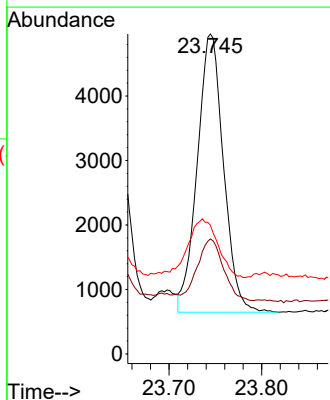
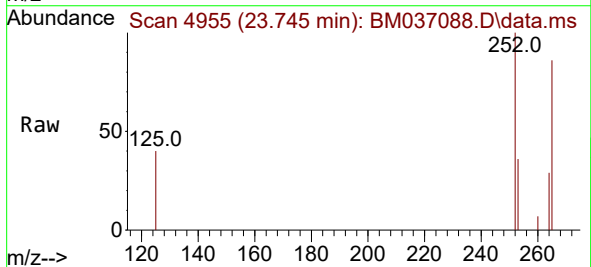


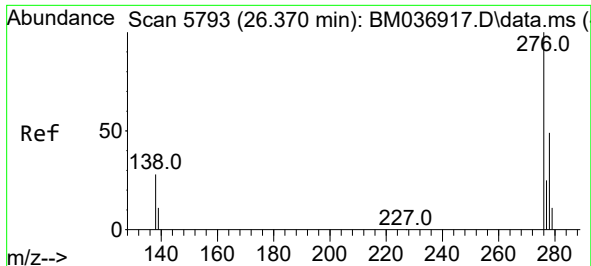
Tgt Ion:252 Resp: 14522
Ion Ratio Lower Upper
252 100
253 32.5 0.0 61.4
125 34.1 0.0 42.6



#26
Benzo(a)pyrene
Concen: 0.171 ng/ul
RT: 23.745 min Scan# 4955
Delta R.T. 0.000 min
Lab File: BM037088.D
Acq: 15 Oct 2022 12:13

Tgt Ion:252 Resp: 8500
Ion Ratio Lower Upper
252 100
253 35.9 29.7 44.5
125 40.2 23.6 35.4#

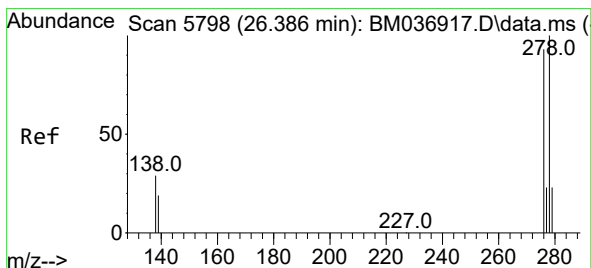
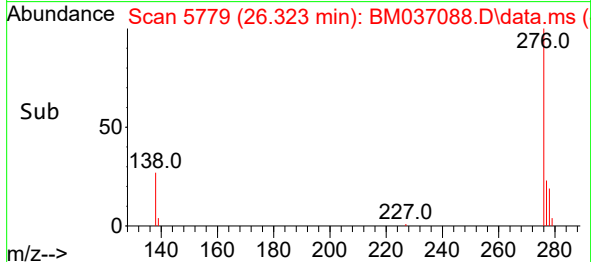
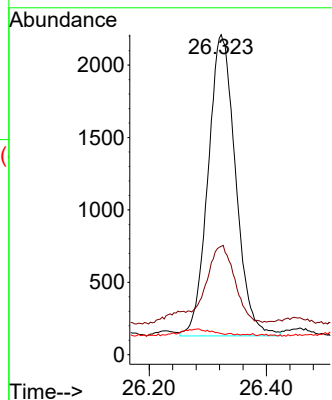
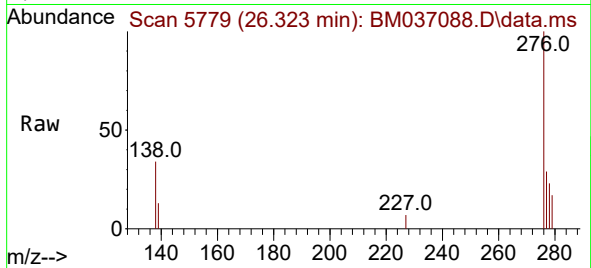




#27
Indeno(1,2,3-cd)pyrene
Concen: 0.096 ng/ul
RT: 26.323 min Scan# 5779
Delta R.T. -0.003 min
Lab File: BM037088.D
Acq: 15 Oct 2022 12:13

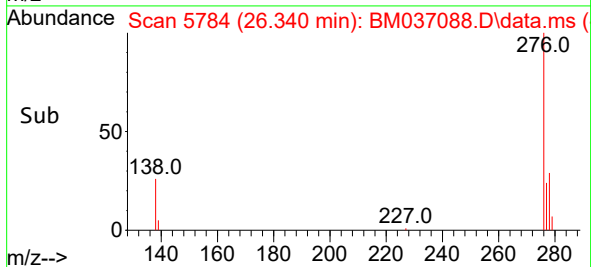
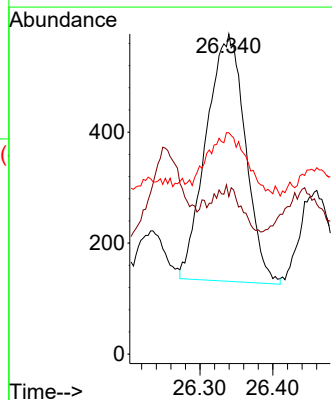
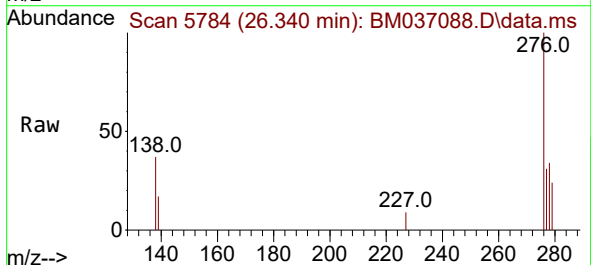
Instrument :
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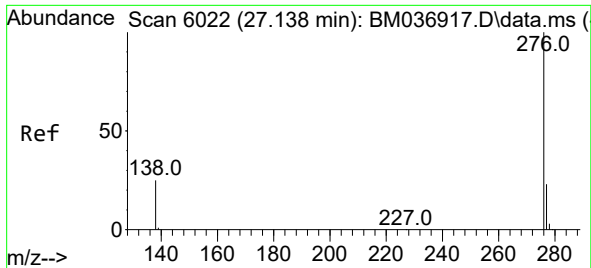
Tgt Ion:276 Resp: 6787
Ion Ratio Lower Upper
276 100
138 25.9 23.9 35.9
227 0.3 0.1 0.1#



#28
Dibenzo(a,h)anthracene
Concen: 0.029 ng/ul
RT: 26.340 min Scan# 5784
Delta R.T. -0.003 min
Lab File: BM037088.D
Acq: 15 Oct 2022 12:13

Tgt Ion:278 Resp: 1661
Ion Ratio Lower Upper
278 100
139 49.2 19.8 29.6#
279 69.2 27.7 41.5#





#29

Benzo(g,h,i)perylene

Concen: 0.087 ng/ul

RT: 27.087 min Scan# 60

Delta R.T. 0.000 min

Lab File: BM037088.D

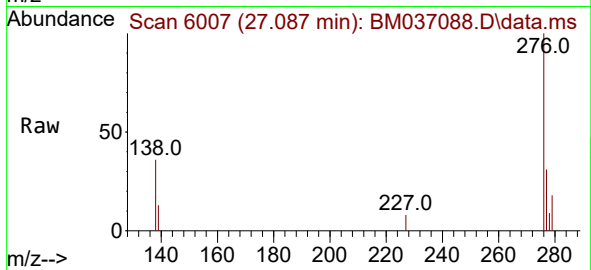
Acq: 15 Oct 2022 12:13

Instrument :

BNA_M

ClientSampleId :

C0BJ6DL



Tgt Ion:276 Resp: 5413

Ion Ratio Lower Upper

276 100

138 36.5 23.4 35.0#

277 30.7 21.0 31.4

