

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111722\
 Data File : BM037601.D
 Acq On : 19 Nov 2022 14:32
 Operator : CG/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 88 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Nov 20 23:48:35 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM111622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 18 06:51:41 2022
 Response via : Initial Calibration

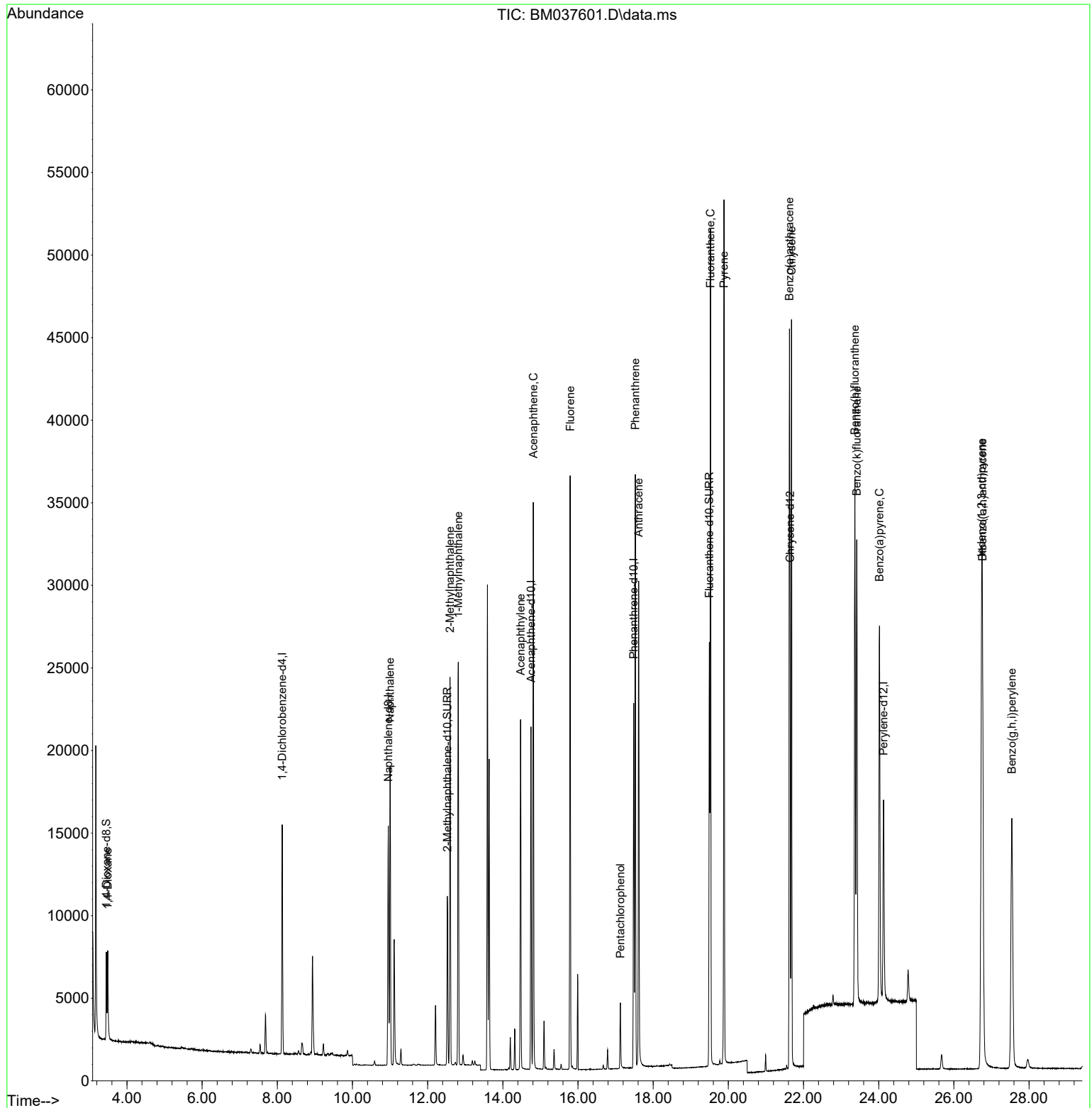
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.132	152	6808	0.400	ng/ul	0.00
4) Naphthalene-d8	10.952	136	18413	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.752	164	10998	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.483	188	24625	0.400	ng/ul	0.00
17) Chrysene-d12	21.642	240	18651	0.400	ng/ul #	0.00
23) Perylene-d12	24.130	264	17193	0.400	ng/ul #	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.453	96	3454	0.436	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.525	152	11944	0.391	ng/ul	0.00
18) Fluoranthene-d10	19.494	212	25879	0.420	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.491	88	3451	0.419	ng/ul#	47
5) Naphthalene	11.001	128	23935	0.428	ng/ul	98
7) 2-Methylnaphthalene	12.596	142	15531	0.408	ng/ul	100
8) 1-Methylnaphthalene	12.816	142	15954	0.409	ng/ul	100
10) Acenaphthylene	14.474	152	23492	0.385	ng/ul	99
11) Acenaphthene	14.812	153	18862	0.442	ng/ul	99
12) Fluorene	15.792	166	21985	0.428	ng/ul	99
14) Pentachlorophenol	17.128	266	2662	0.482	ng/ul	100
15) Phenanthrene	17.525	178	36765	0.437	ng/ul	100
16) Anthracene	17.614	178	32632	0.402	ng/ul	99
19) Fluoranthene	19.527	202	41676	0.463	ng/ul	98
20) Pyrene	19.885	202	42366	0.453	ng/ul	97
21) Benzo(a)anthracene	21.624	228	35642	0.427	ng/ul	99
22) Chrysene	21.680	228	38201	0.462	ng/ul	100
24) Benzo(b)fluoranthene	23.367	252	40678	0.519	ng/ul	93
25) Benzo(k)fluoranthene	23.416	252	37426	0.473	ng/ul#	98
26) Benzo(a)pyrene	24.021	252	33741	0.495	ng/ul#	85
27) Indeno(1,2,3-cd)pyrene	26.738	276	44686	0.495	ng/ul#	92
28) Dibenzo(a,h)anthracene	26.761	278	34914	0.492	ng/ul	98
29) Benzo(g,h,i)perylene	27.543	276	34859	0.455	ng/ul	97

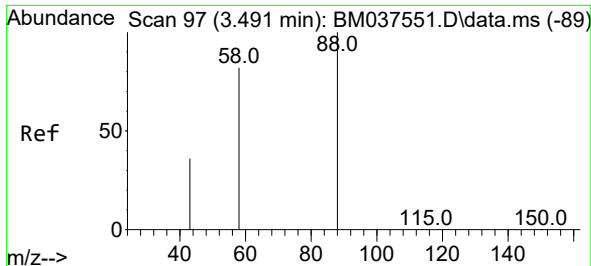
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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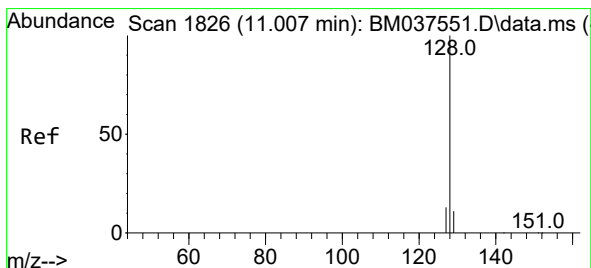
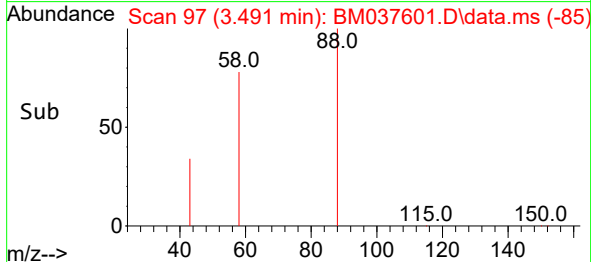
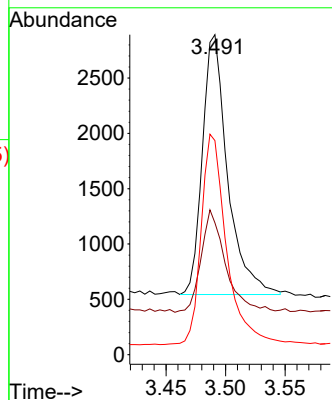
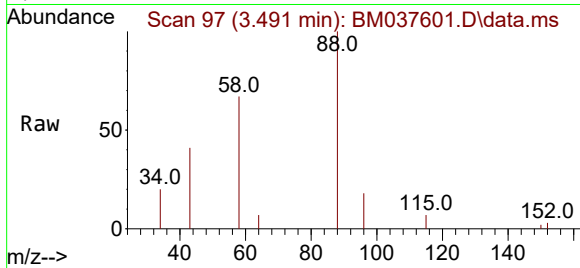




#2
1,4-Dioxane
Concen: 0.419 ng/ul
RT: 3.491 min Scan# 91
Delta R.T. -0.000 min
Lab File: BM037601.D
Acq: 19 Nov 2022 14:32

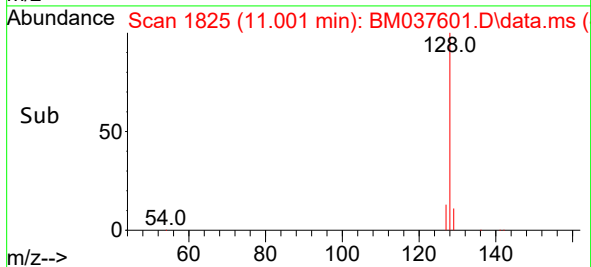
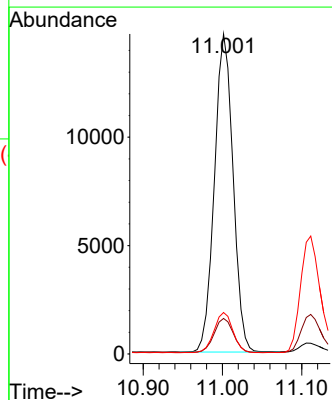
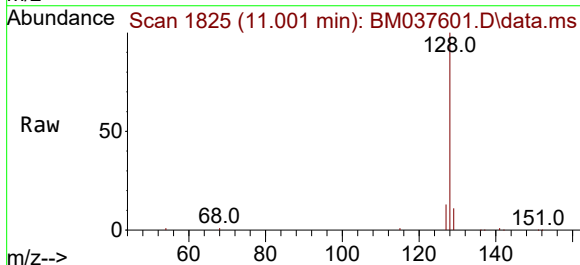
Instrument :
BNA_M
ClientSampleId :

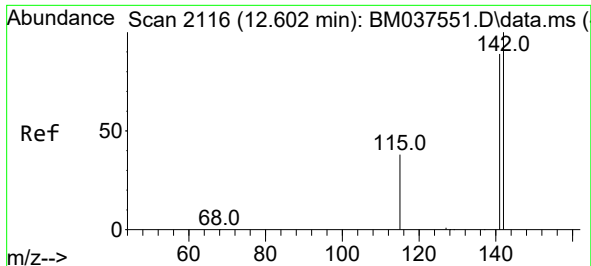
Tgt Ion: 88 Resp: 3451
Ion Ratio Lower Upper
88 100
43 41.2 102.8 154.2#
58 66.9 67.3 100.9#



#5
Naphthalene
Concen: 0.428 ng/ul
RT: 11.001 min Scan# 1825
Delta R.T. -0.006 min
Lab File: BM037601.D
Acq: 19 Nov 2022 14:32

Tgt Ion: 128 Resp: 23935
Ion Ratio Lower Upper
128 100
129 11.1 9.8 14.8
127 12.9 11.0 16.4

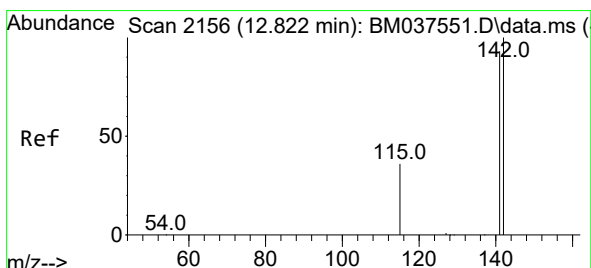
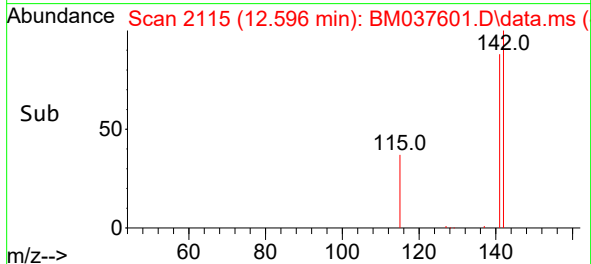
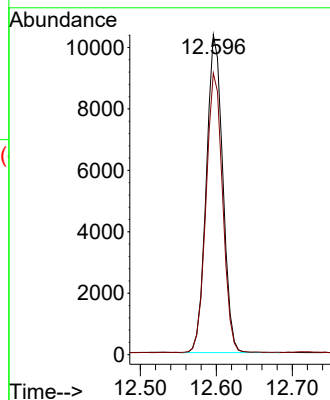
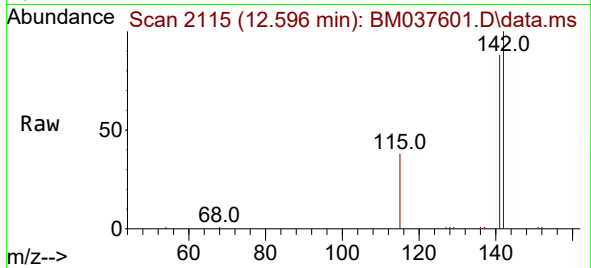




#7
2-Methylnaphthalene
Concen: 0.408 ng/ul
RT: 12.596 min Scan# 2115
Delta R.T. -0.006 min
Lab File: BM037601.D
Acq: 19 Nov 2022 14:32

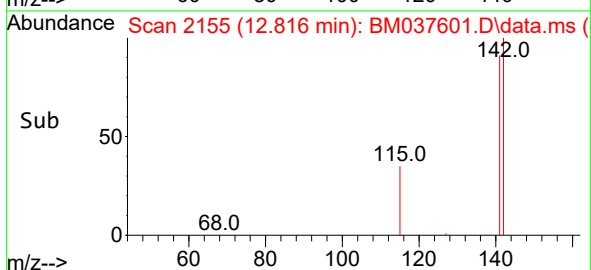
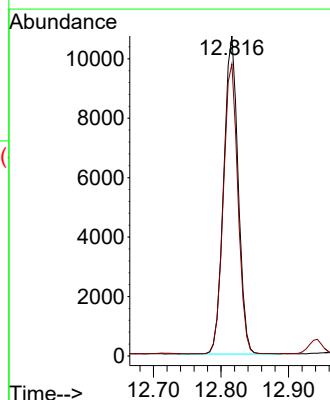
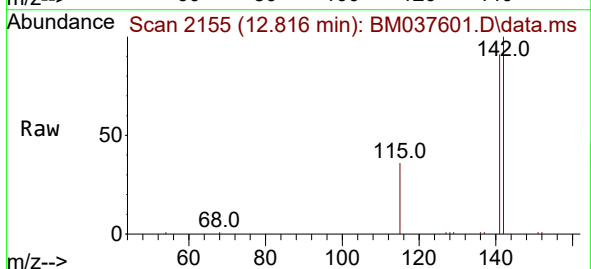
Instrument :
BNA_M
ClientSampleId :

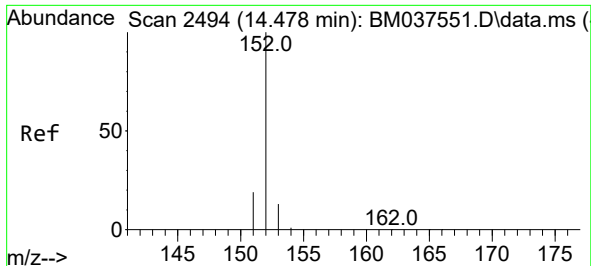
Tgt Ion:142 Resp: 15531
Ion Ratio Lower Upper
142 100
141 88.5 71.0 106.4



#8
1-Methylnaphthalene
Concen: 0.409 ng/ul
RT: 12.816 min Scan# 2155
Delta R.T. -0.006 min
Lab File: BM037601.D
Acq: 19 Nov 2022 14:32

Tgt Ion:142 Resp: 15954
Ion Ratio Lower Upper
142 100
141 91.8 73.4 110.0

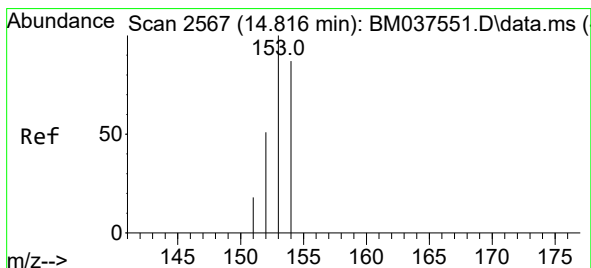
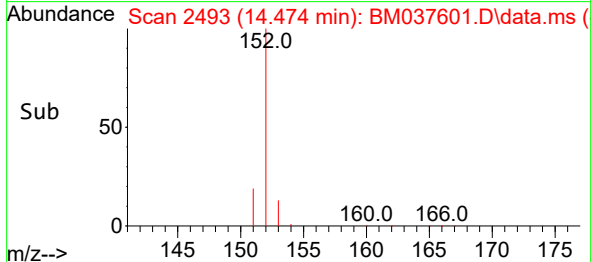
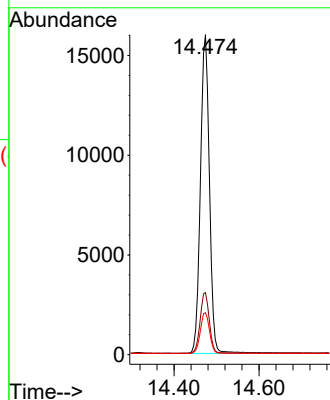
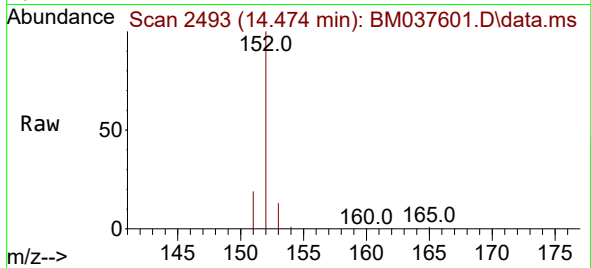




#10
Acenaphthylene
Concen: 0.385 ng/ul
RT: 14.474 min Scan# 2494
Delta R.T. -0.004 min
Lab File: BM037601.D
Acq: 19 Nov 2022 14:32

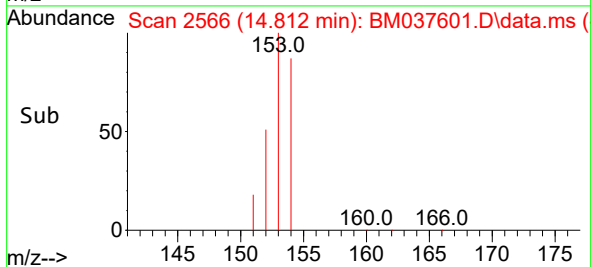
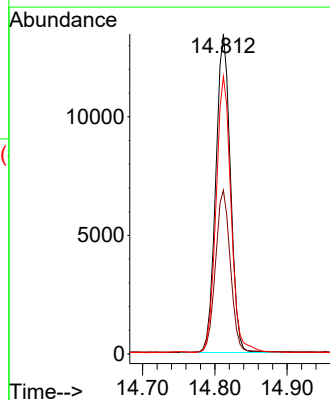
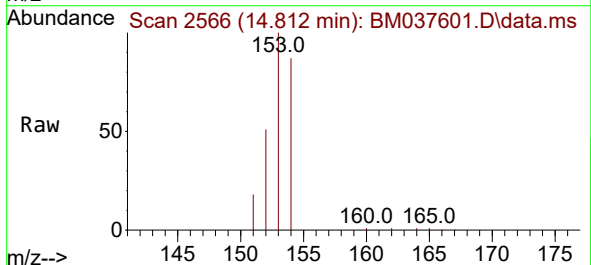
Instrument :
BNA_M
ClientSampleId :

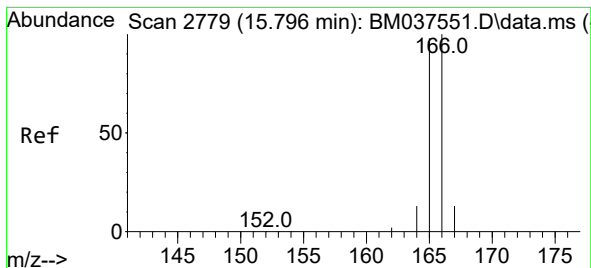
Tgt Ion:152 Resp: 23492
Ion Ratio Lower Upper
152 100
151 19.4 15.9 23.9
153 13.1 11.0 16.4



#11
Acenaphthene
Concen: 0.442 ng/ul
RT: 14.812 min Scan# 2566
Delta R.T. -0.004 min
Lab File: BM037601.D
Acq: 19 Nov 2022 14:32

Tgt Ion:153 Resp: 18862
Ion Ratio Lower Upper
153 100
152 51.2 39.4 59.0
154 86.7 69.5 104.3





#12

Fluorene

Concen: 0.428 ng/ul

RT: 15.792 min Scan# 21

Delta R.T. -0.004 min

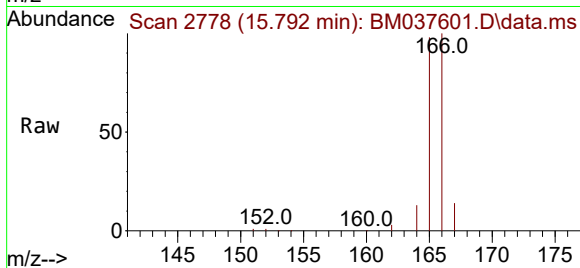
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Acq: 19 Nov 2022 14:32

Instrument :

BNA_M

ClientSampleId :



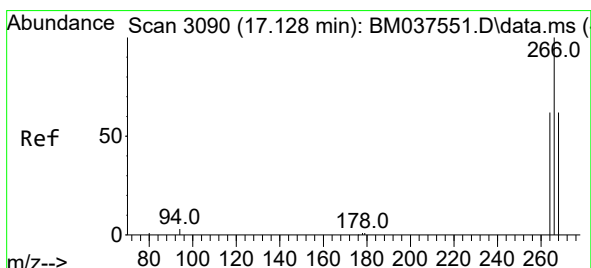
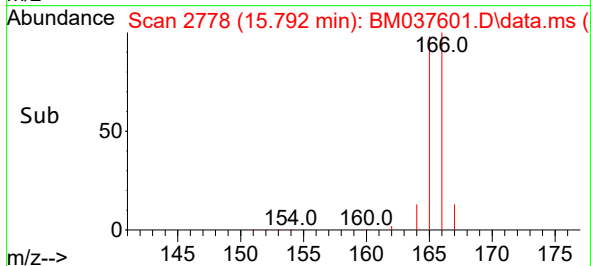
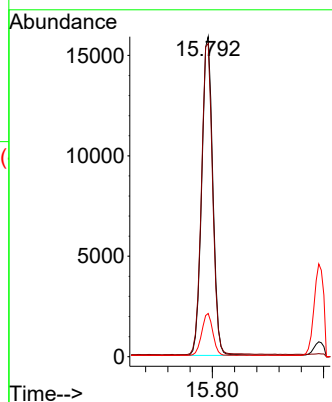
Tgt Ion:166 Resp: 21985

Ion Ratio Lower Upper

166 100

165 97.9 78.7 118.1

167 13.5 11.3 16.9



#14

Pentachlorophenol

Concen: 0.482 ng/ul

RT: 17.128 min Scan# 3090

Delta R.T. -0.004 min

Lab File: BM037601.D

Acq: 19 Nov 2022 14:32

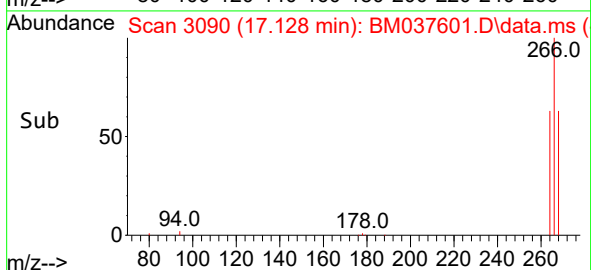
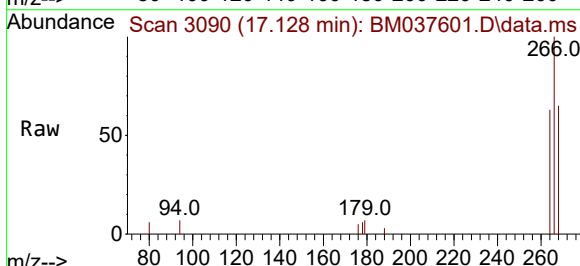
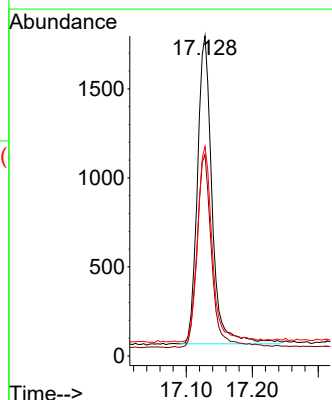
Tgt Ion:266 Resp: 2662

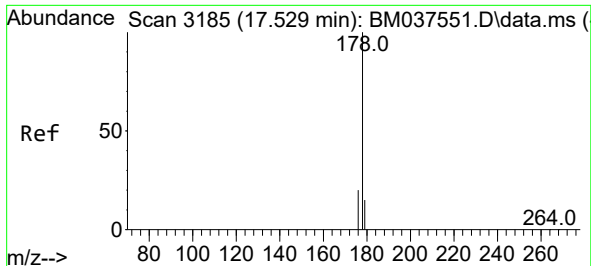
Ion Ratio Lower Upper

266 100

264 62.8 50.2 75.2

268 64.4 52.0 78.0

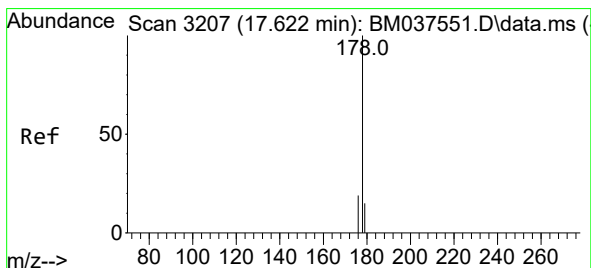
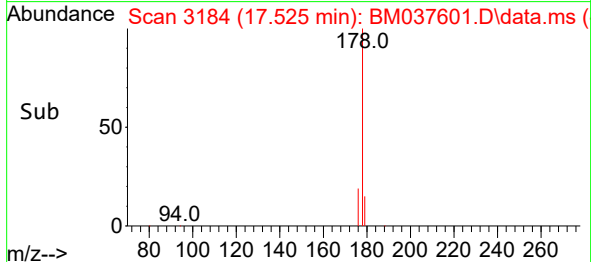
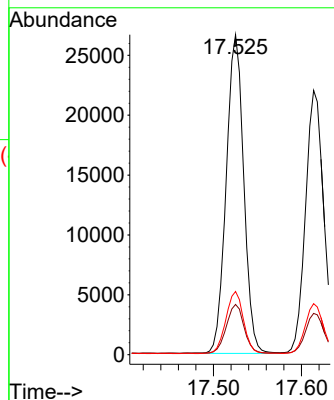
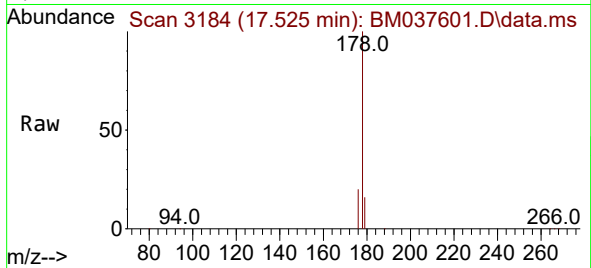




#15
Phenanthrene
Concen: 0.437 ng/ul
RT: 17.525 min Scan# 3185
Delta R.T. -0.004 min
Lab File: BM037601.D
Acq: 19 Nov 2022 14:32

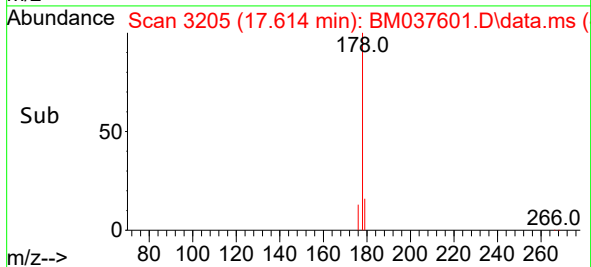
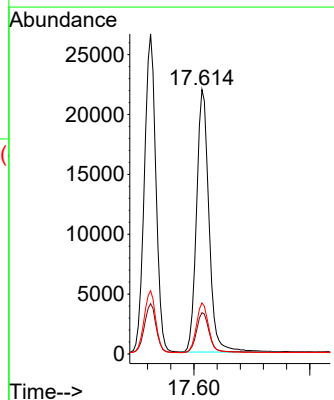
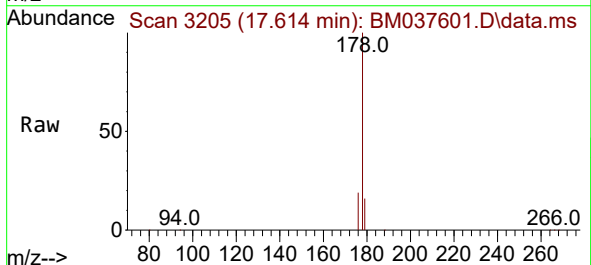
Instrument :
BNA_M
ClientSampleId :

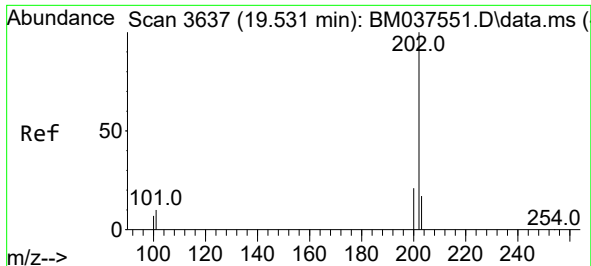
Tgt Ion:178 Resp: 36765
Ion Ratio Lower Upper
178 100
179 15.7 12.6 18.8
176 19.7 16.0 24.0



#16
Anthracene
Concen: 0.402 ng/ul
RT: 17.614 min Scan# 3205
Delta R.T. -0.004 min
Lab File: BM037601.D
Acq: 19 Nov 2022 14:32

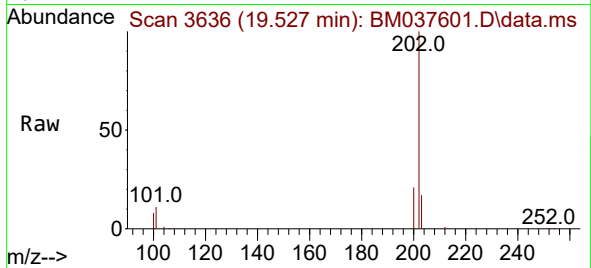
Tgt Ion:178 Resp: 32632
Ion Ratio Lower Upper
178 100
179 15.6 12.8 19.2
176 19.3 15.0 22.6



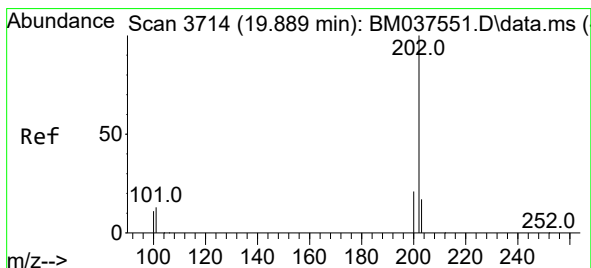
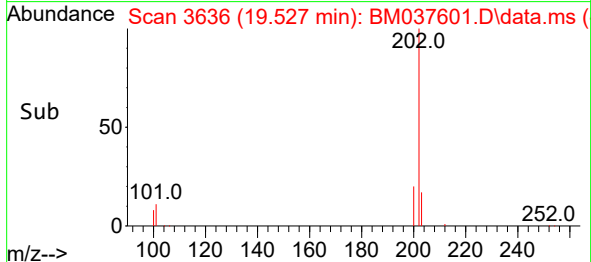
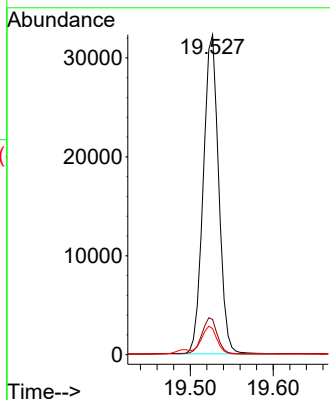


#19
Fluoranthene
Concen: 0.463 ng/ul
RT: 19.527 min Scan# 30
Delta R.T. -0.004 min
Lab File: BM037601.D
Acq: 19 Nov 2022 14:32

Instrument :
BNA_M
ClientSampleId :

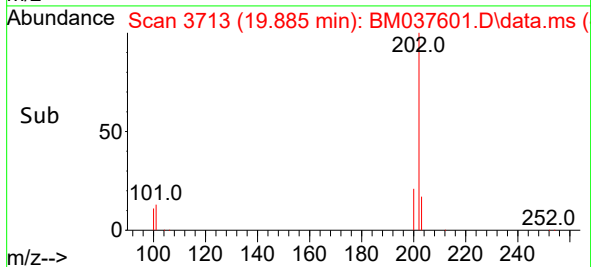
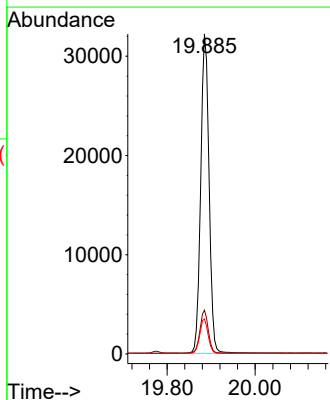
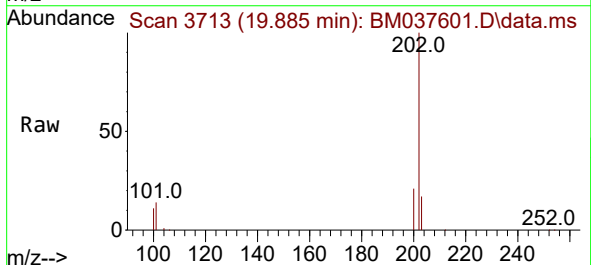


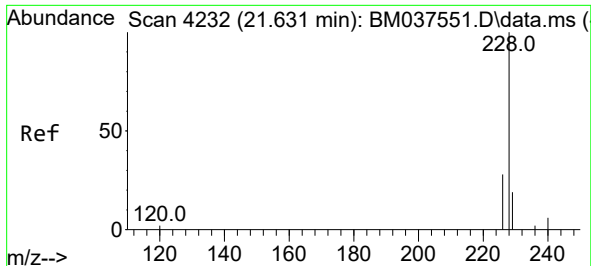
Tgt Ion:202 Resp: 41676
Ion Ratio Lower Upper
202 100
101 11.0 8.2 12.2
100 8.1 6.1 9.1



#20
Pyrene
Concen: 0.453 ng/ul
RT: 19.885 min Scan# 3713
Delta R.T. -0.004 min
Lab File: BM037601.D
Acq: 19 Nov 2022 14:32

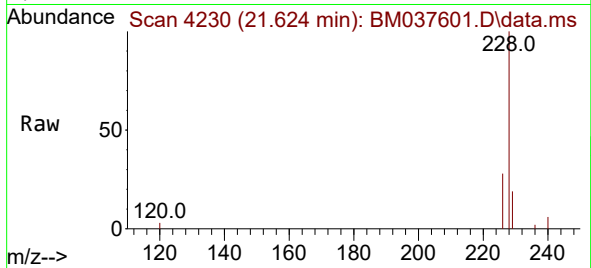
Tgt Ion:202 Resp: 42366
Ion Ratio Lower Upper
202 100
101 13.7 10.1 15.1
100 10.9 8.0 12.0



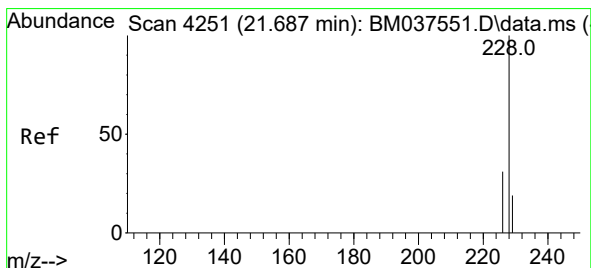
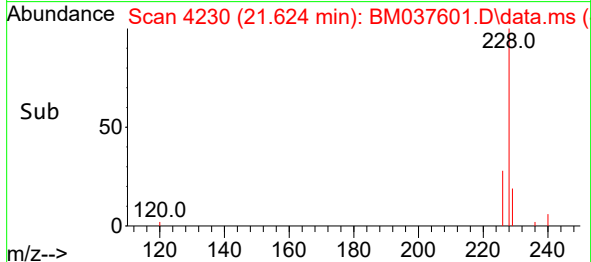
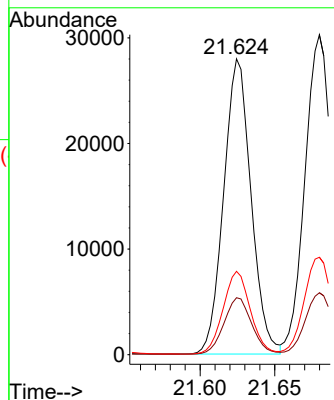


#21
Benzo(a)anthracene
Concen: 0.427 ng/ul
RT: 21.624 min Scan# 41
Delta R.T. -0.007 min
Lab File: BM037601.D
Acq: 19 Nov 2022 14:32

Instrument :
BNA_M
ClientSampleId :

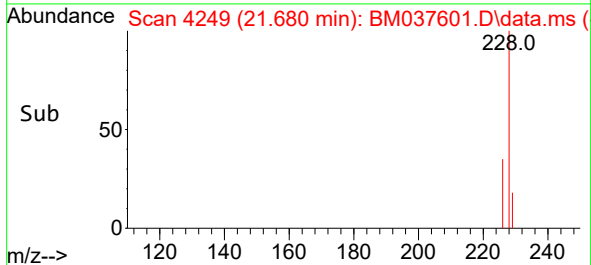
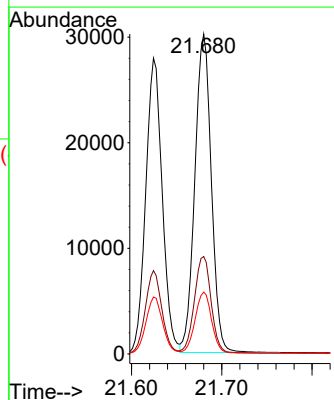
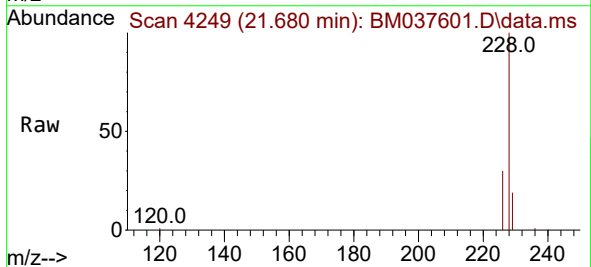


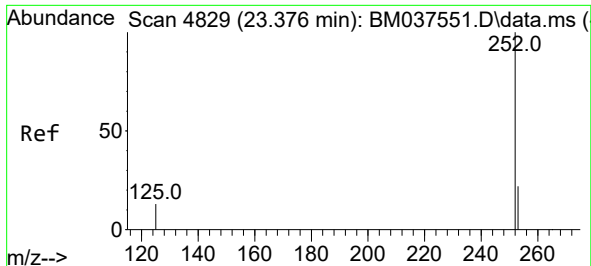
Tgt Ion:228 Resp: 35642
Ion Ratio Lower Upper
228 100
229 19.3 15.7 23.5
226 28.2 22.2 33.2



#22
Chrysene
Concen: 0.462 ng/ul
RT: 21.680 min Scan# 4249
Delta R.T. -0.004 min
Lab File: BM037601.D
Acq: 19 Nov 2022 14:32

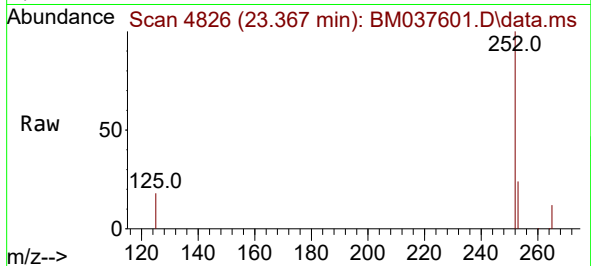
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Ion Ratio Lower Upper
228 100
226 30.4 24.6 37.0
229 19.3 15.5 23.3



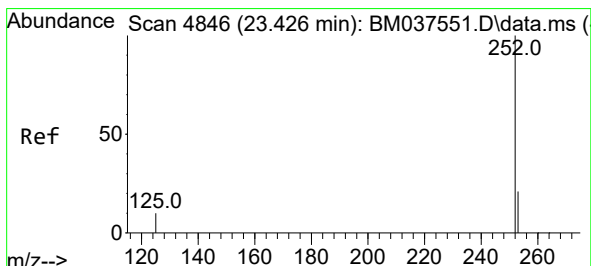
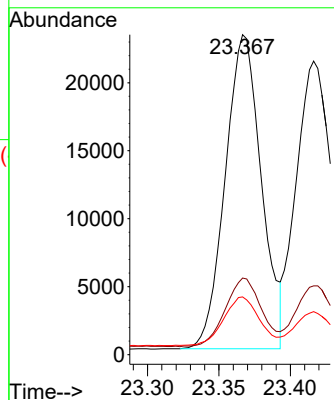


#24
Benzo(b)fluoranthene
Concen: 0.519 ng/ul
RT: 23.367 min Scan# 4826
Delta R.T. -0.007 min
Lab File: BM037601.D
Acq: 19 Nov 2022 14:32

Instrument :
BNA_M
ClientSampleId :

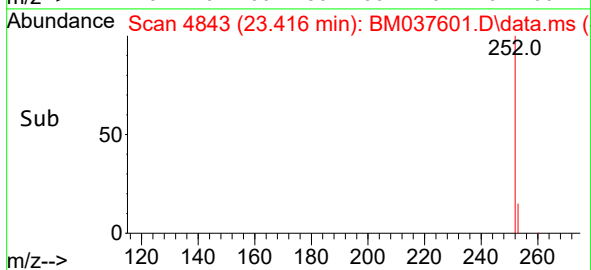
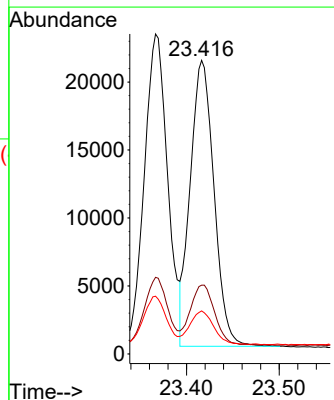
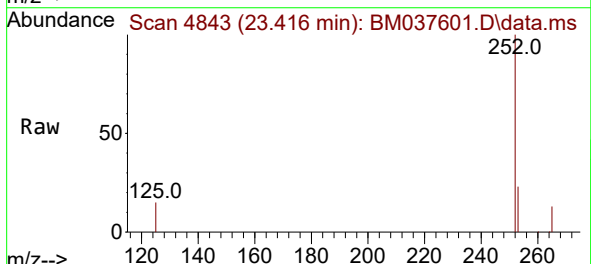


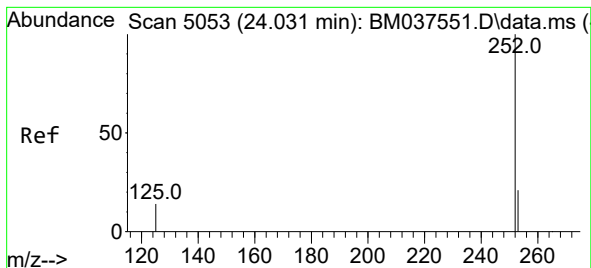
Tgt Ion:252 Resp: 40678
Ion Ratio Lower Upper
252 100
253 24.0 0.0 46.2
125 18.1 0.0 23.4



#25
Benzo(k)fluoranthene
Concen: 0.473 ng/ul
RT: 23.416 min Scan# 4843
Delta R.T. -0.010 min
Lab File: BM037601.D
Acq: 19 Nov 2022 14:32

Tgt Ion:252 Resp: 37426
Ion Ratio Lower Upper
252 100
253 23.4 18.8 28.2
125 14.7 9.8 14.6#





#26

Benzo(a)pyrene

Concen: 0.495 ng/ul

RT: 24.021 min Scan# 5053

Delta R.T. -0.007 min

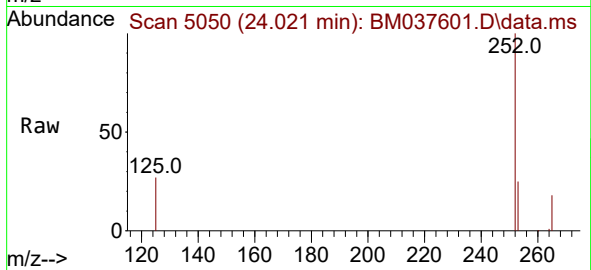
Lab File: BM037601.D

Acq: 19 Nov 2022 14:32

Instrument :

BNA_M

ClientSampleId :



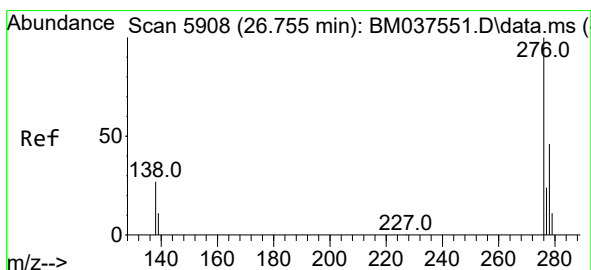
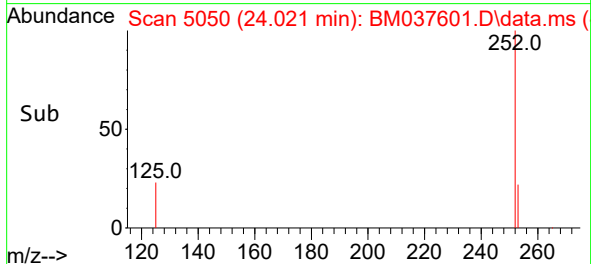
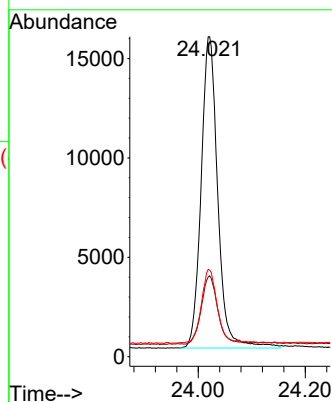
Tgt Ion:252 Resp: 33741

Ion Ratio Lower Upper

252 100

253 25.3 18.8 28.2

125 27.0 10.5 15.7#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.495 ng/ul

RT: 26.738 min Scan# 5903

Delta R.T. -0.018 min

Lab File: BM037601.D

Acq: 19 Nov 2022 14:32

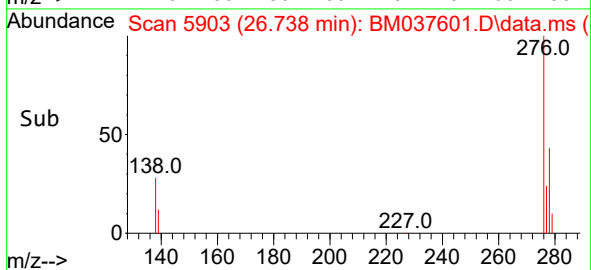
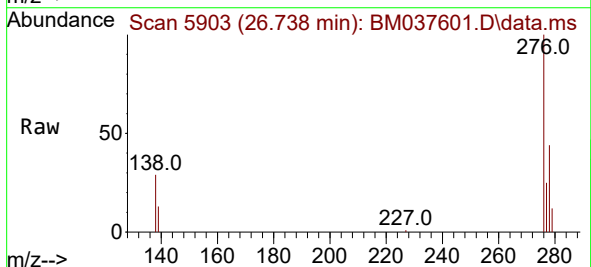
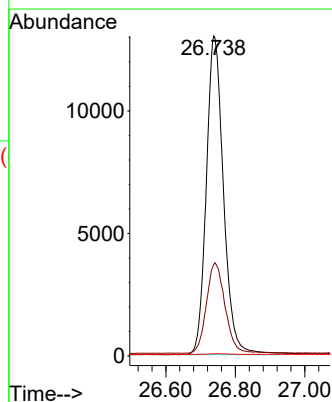
Tgt Ion:276 Resp: 44686

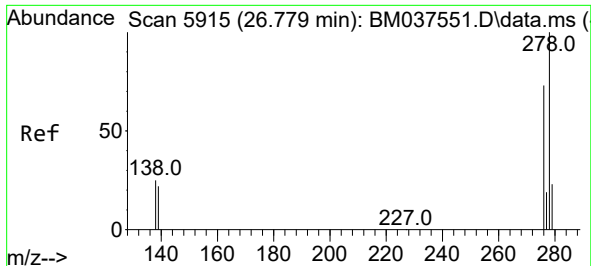
Ion Ratio Lower Upper

276 100

138 30.8 21.2 31.8

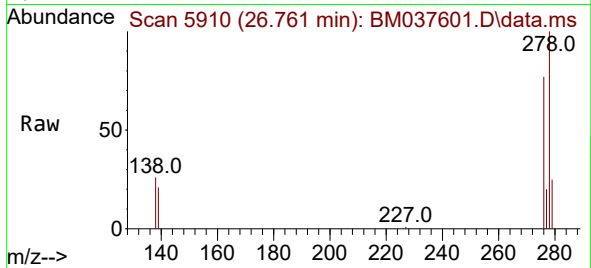
227 0.1 0.1 0.1#



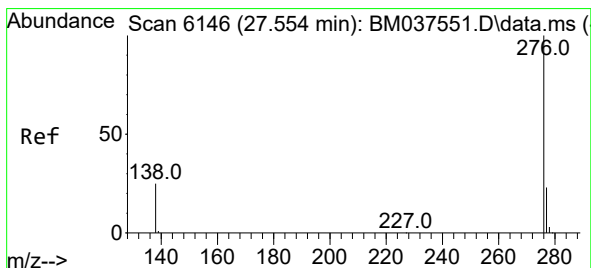
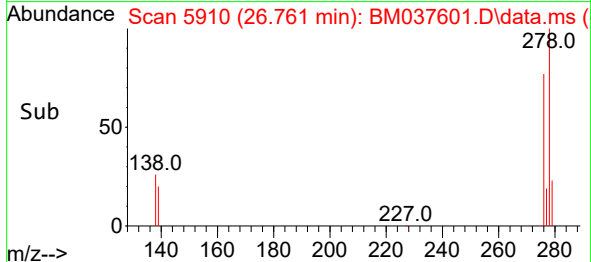
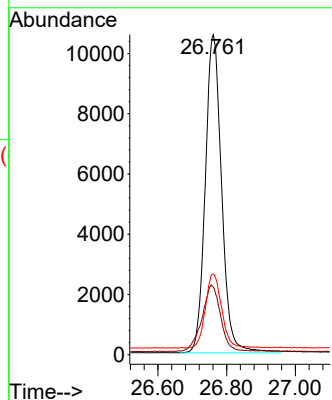


#28
 Dibenzo(a,h)anthracene
 Concen: 0.492 ng/ul
 RT: 26.761 min Scan# 5915
 Delta R.T. -0.018 min
 Lab File: BM037601.D
 Acq: 19 Nov 2022 14:32

Instrument :
 BNA_M
 ClientSampleId :



Tgt Ion:278 Resp: 34914
 Ion Ratio Lower Upper
 278 100
 139 21.2 15.2 22.8
 279 25.2 20.2 30.2



#29
 Benzo(g,h,i)perylene
 Concen: 0.455 ng/ul
 RT: 27.543 min Scan# 6143
 Delta R.T. -0.018 min
 Lab File: BM037601.D
 Acq: 19 Nov 2022 14:32

Tgt Ion:276 Resp: 34859
 Ion Ratio Lower Upper
 276 100
 138 25.8 19.0 28.4
 277 23.4 19.4 29.2

