

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091223\
 Data File : BM041815.D
 Acq On : 12 Sep 2023 16:50
 Operator : MA/JU
 Sample : 04235-03DL 5X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Sep 13 03:10:26 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM090523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 04:50:34 2023
 Response via : Initial Calibration

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

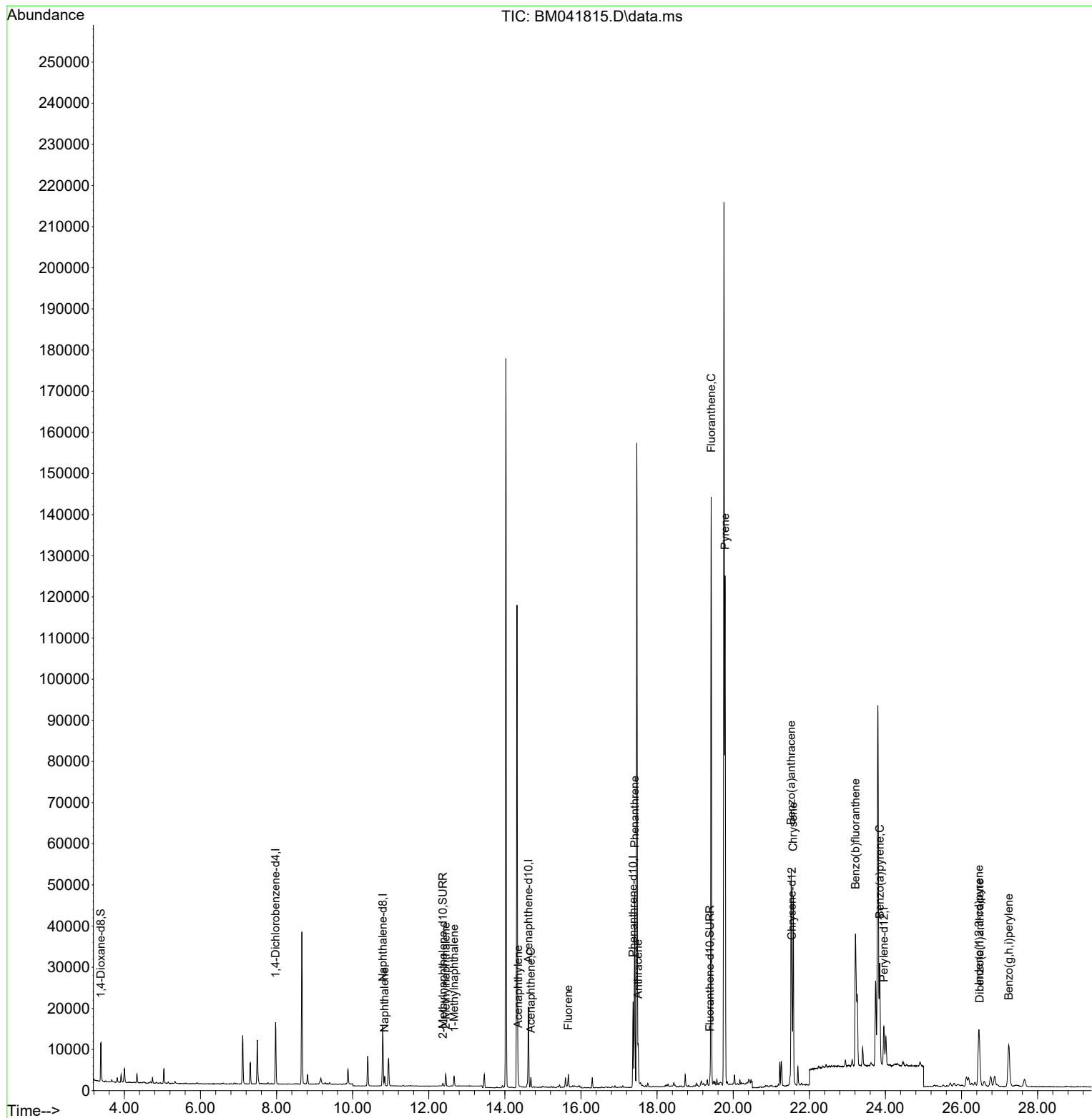
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.975	152	7354	0.400	ng/ul	0.00
4) Naphthalene-d8	10.790	136	18632	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.620	164	9961	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.371	188	21571	0.400	ng/ul	0.00
17) Chrysene-d12	21.542	240	12433	0.400	ng/ul #	0.00
23) Perylene-d12	23.959	264	12229	0.400	ng/ul #	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.385	96	5619	0.500	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.368	152	870	0.036	ng/ul	0.00
18) Fluoranthene-d10	19.389	212	1758	0.029	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.840	128	3024	0.049	ng/ul#	93
7) 2-Methylnaphthalene	12.445	142	1990	0.057	ng/ul	99
8) 1-Methylnaphthalene	12.665	142	1569	0.045	ng/ul	100
10) Acenaphthylene	14.347	152	2206	0.036	ng/ul#	90
11) Acenaphthene	14.680	153	1375	0.029	ng/ul	98
12) Fluorene	15.665	166	1897	0.035	ng/ul#	96
15) Phenanthrene	17.413	178	48663	0.534	ng/ul	98
16) Anthracene	17.502	178	9034	0.116	ng/ul	98
19) Fluoranthene	19.422	202	114427	0.780	ng/ul	98
20) Pyrene	19.789	202	99061	0.680	ng/ul	98
21) Benzo(a)anthracene	21.524	228	42614	0.420	ng/ul	98
22) Chrysene	21.577	228	44661	0.408	ng/ul	98
24) Benzo(b)fluoranthene	23.213	252	57320	0.524	ng/ul	95
26) Benzo(a)pyrene	23.851	252	34975	0.393	ng/ul#	92
27) Indeno(1,2,3-cd)pyrene	26.458	276	24095	0.198	ng/ul#	97
28) Dibenzo(a,h)anthracene	26.478	278	5871	0.069	ng/ul#	86
29) Benzo(g,h,i)perylene	27.239	276	22338	0.207	ng/ul	99

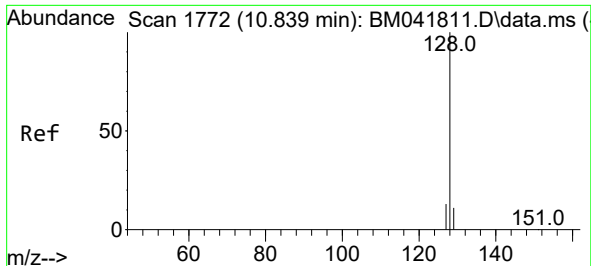
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Sep 13 03:10:26 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM090523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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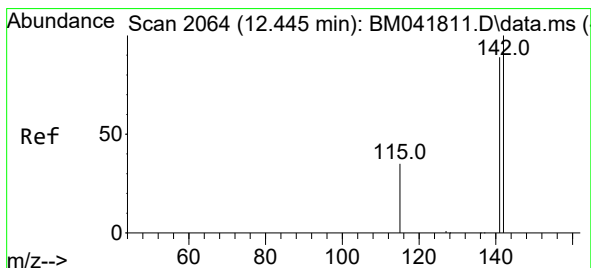
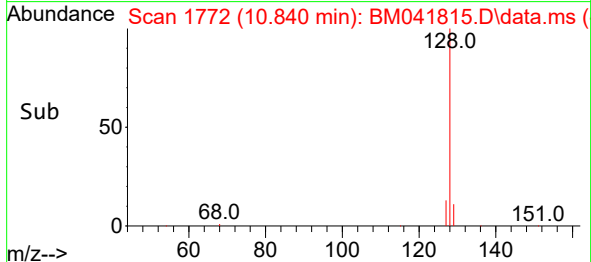
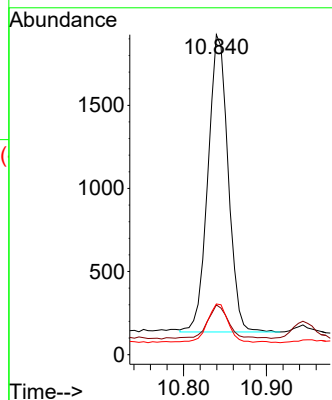
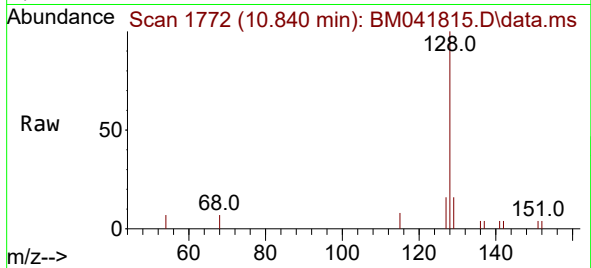




#5
Naphthalene
Concen: 0.049 ng/ul
RT: 10.840 min Scan# 1772
Delta R.T. -0.006 min
Lab File: BM041815.D
Acq: 12 Sep 2023 16:50

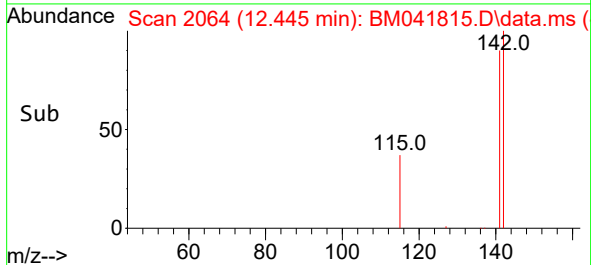
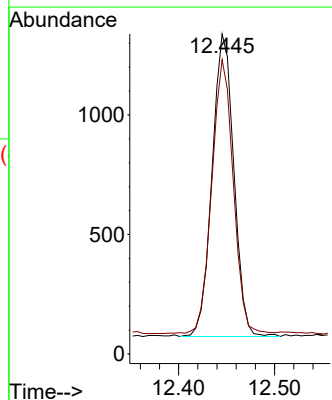
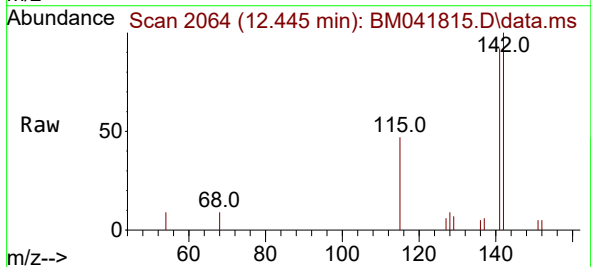
Instrument :
BNA_P
ClientSampleId :

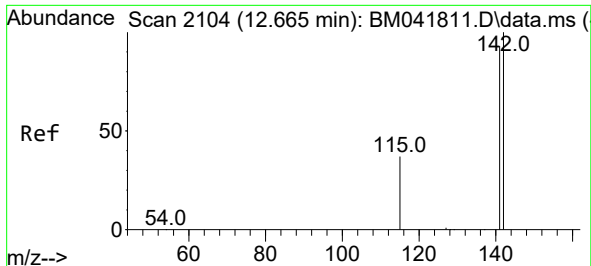
Tgt Ion:128 Resp: 3024
Ion Ratio Lower Upper
128 100
129 15.5 9.4 14.0#
127 15.8 11.0 16.6



#7
2-Methylnaphthalene
Concen: 0.057 ng/ul
RT: 12.445 min Scan# 2064
Delta R.T. -0.006 min
Lab File: BM041815.D
Acq: 12 Sep 2023 16:50

Tgt Ion:142 Resp: 1990
Ion Ratio Lower Upper
142 100
141 89.6 72.2 108.2

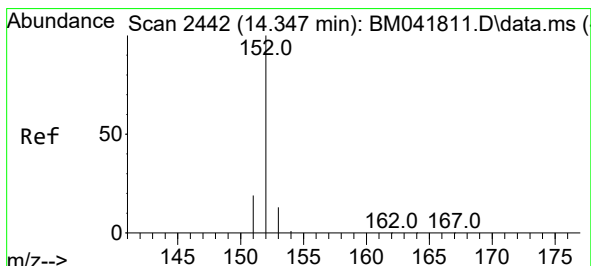
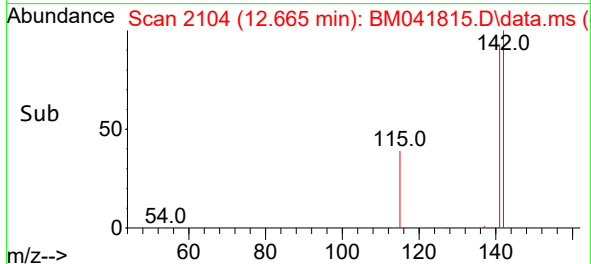
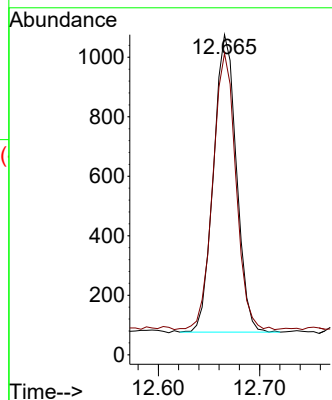
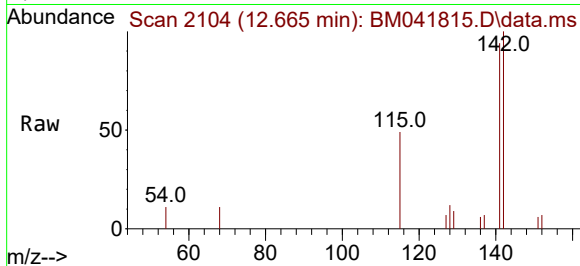




#8
1-Methylnaphthalene
Concen: 0.045 ng/ul
RT: 12.665 min Scan# 2104
Delta R.T. -0.006 min
Lab File: BM041815.D
Acq: 12 Sep 2023 16:50

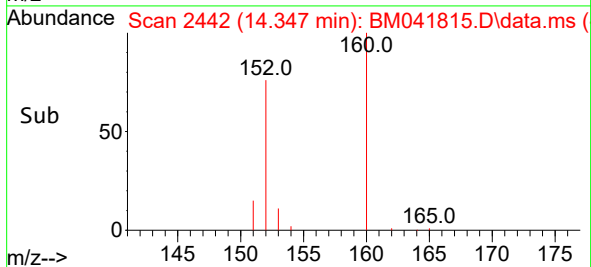
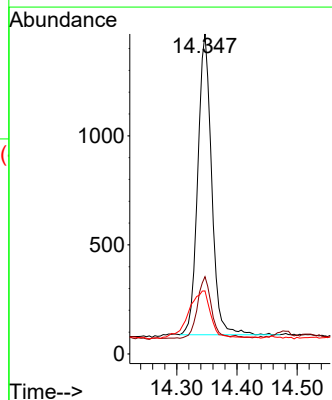
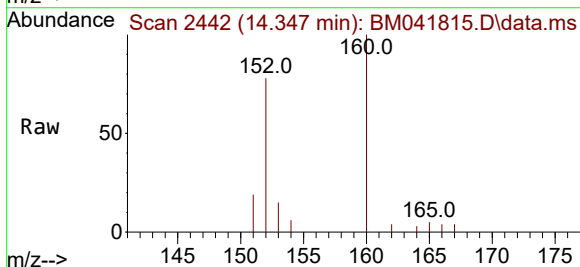
Instrument :
BNA_P
ClientSampleId :

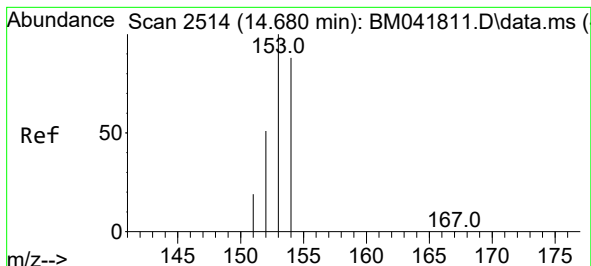
Tgt Ion:142 Resp: 1569
Ion Ratio Lower Upper
142 100
141 93.2 74.4 111.6



#10
Acenaphthylene
Concen: 0.036 ng/ul
RT: 14.347 min Scan# 2442
Delta R.T. -0.005 min
Lab File: BM041815.D
Acq: 12 Sep 2023 16:50

Tgt Ion:152 Resp: 2206
Ion Ratio Lower Upper
152 100
151 24.1 16.4 24.6
153 19.7 11.1 16.7#





#11

Acenaphthene

Concen: 0.029 ng/ul

RT: 14.680 min Scan# 2514

Delta R.T. -0.005 min

Lab File: BM041815.D

Acq: 12 Sep 2023 16:50

Instrument :

BNA_P

ClientSampleId :

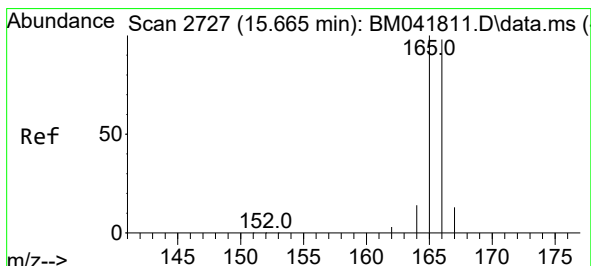
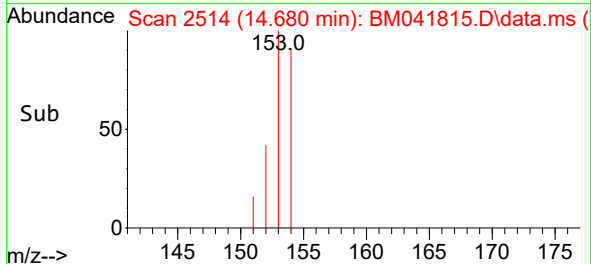
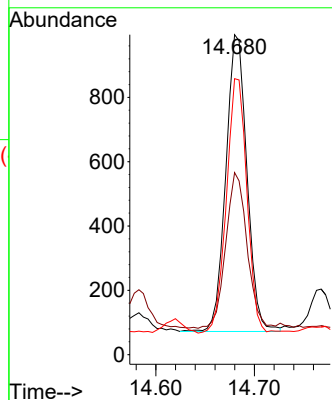
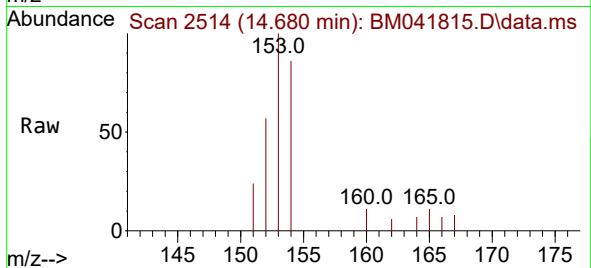
Tgt Ion:153 Resp: 1375

Ion Ratio Lower Upper

153 100

152 56.9 43.4 65.2

154 86.2 69.4 104.0



#12

Fluorene

Concen: 0.035 ng/ul

RT: 15.665 min Scan# 2727

Delta R.T. -0.005 min

Lab File: BM041815.D

Acq: 12 Sep 2023 16:50

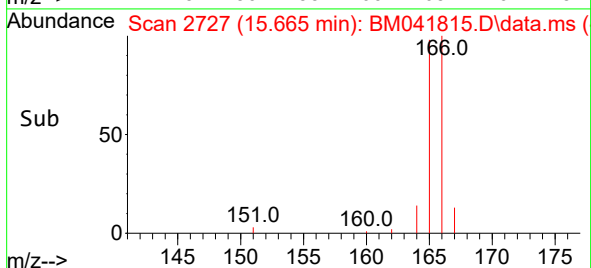
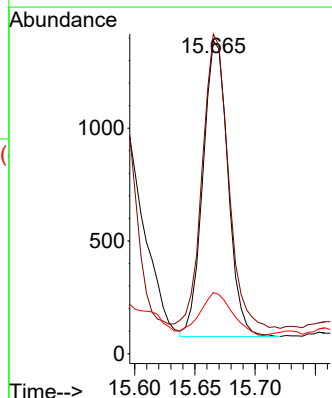
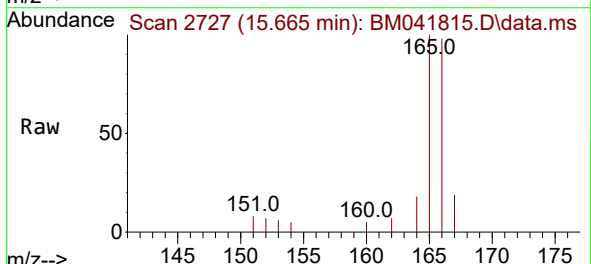
Tgt Ion:166 Resp: 1897

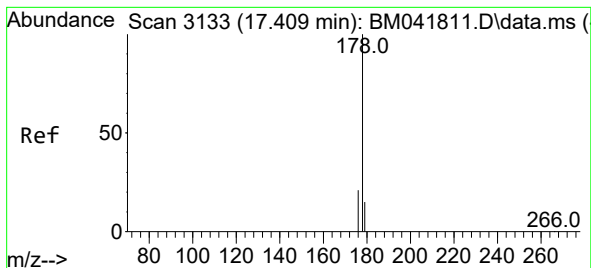
Ion Ratio Lower Upper

166 100

165 102.2 79.4 119.2

167 19.6 11.3 16.9#





#15

Phenanthrene

Concen: 0.534 ng/ul

RT: 17.413 min Scan# 3133

Delta R.T. -0.000 min

Lab File: BM041815.D

Acq: 12 Sep 2023 16:50

Instrument :

BNA_P

ClientSampleId :

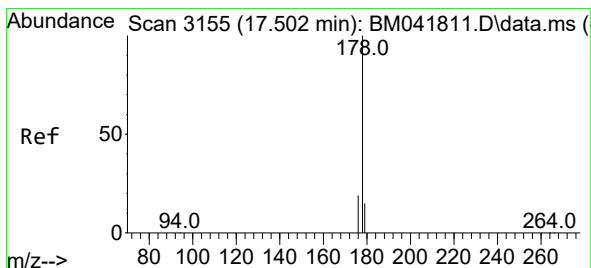
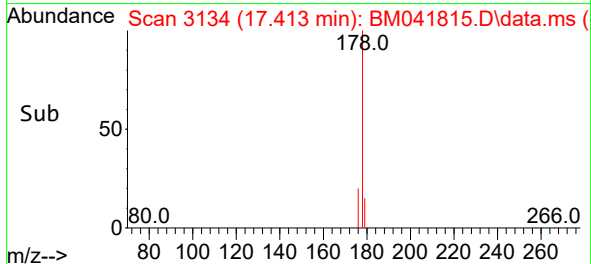
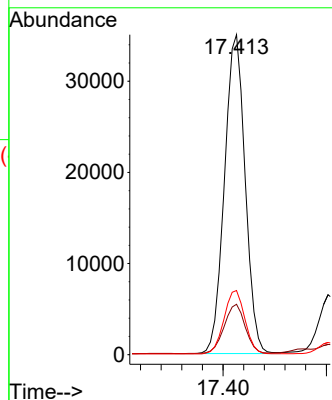
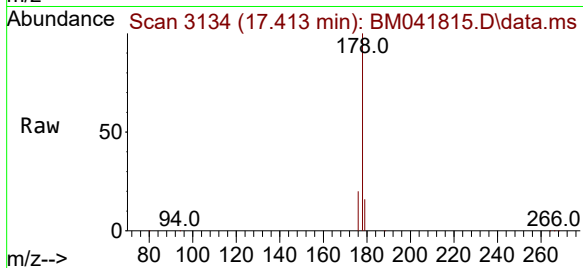
Tgt Ion:178 Resp: 48663

Ion Ratio Lower Upper

178 100

179 15.8 12.9 19.3

176 20.1 16.9 25.3



#16

Anthracene

Concen: 0.116 ng/ul

RT: 17.502 min Scan# 3155

Delta R.T. -0.004 min

Lab File: BM041815.D

Acq: 12 Sep 2023 16:50

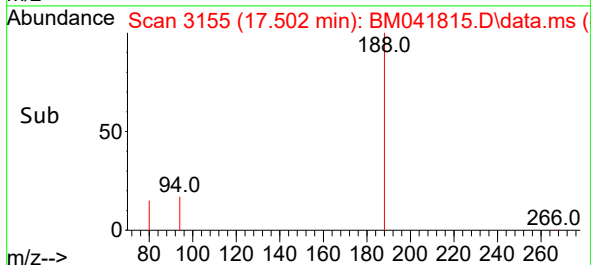
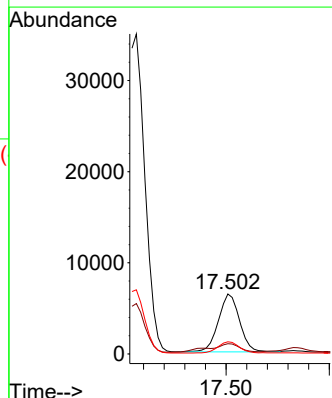
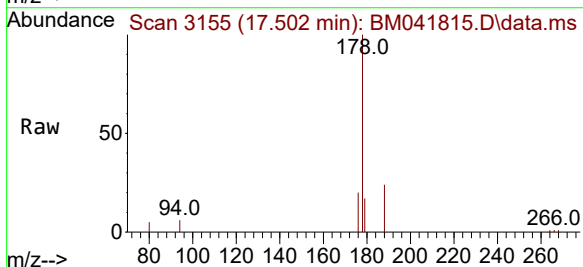
Tgt Ion:178 Resp: 9034

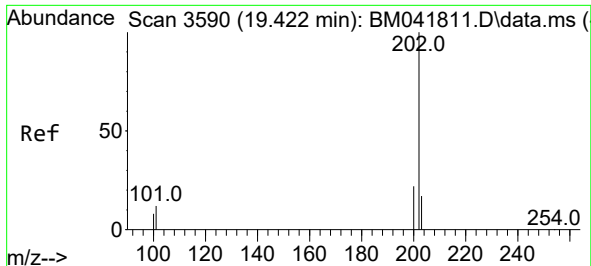
Ion Ratio Lower Upper

178 100

179 17.1 12.9 19.3

176 20.1 15.8 23.8

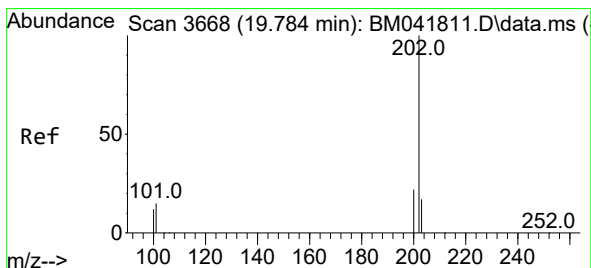
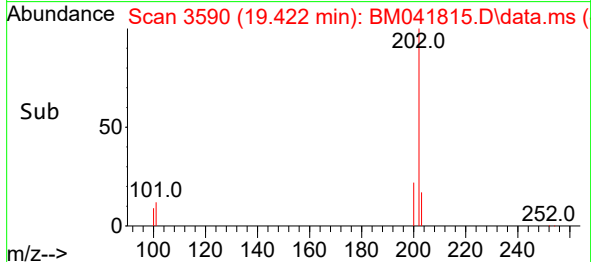
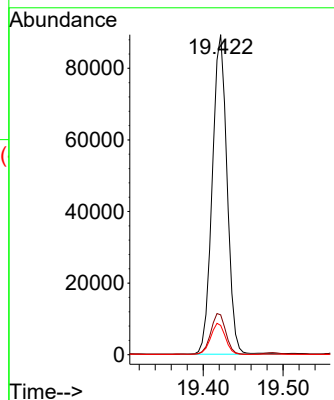
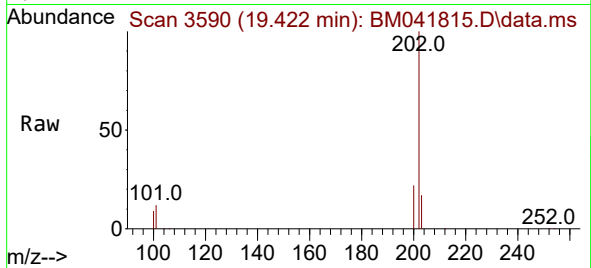




#19
Fluoranthene
Concen: 0.780 ng/ul
RT: 19.422 min Scan# 3590
Delta R.T. -0.000 min
Lab File: BM041815.D
Acq: 12 Sep 2023 16:50

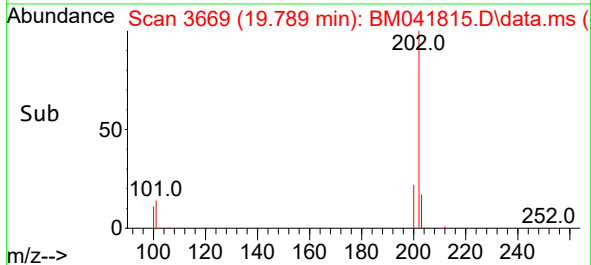
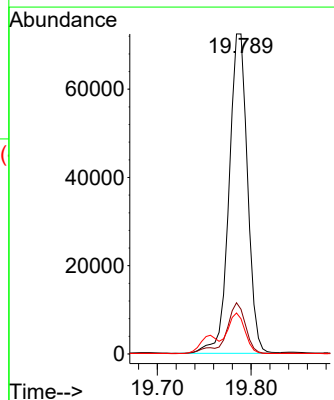
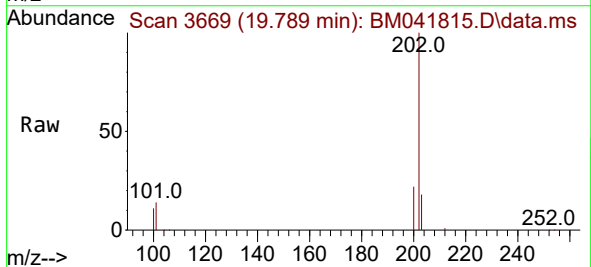
Instrument :
BNA_P
ClientSampleId :

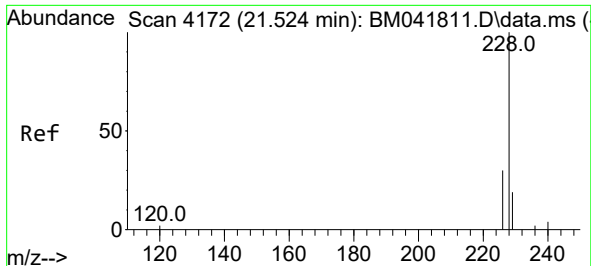
Tgt Ion:202 Resp: 114427
Ion Ratio Lower Upper
202 100
101 12.5 10.5 15.7
100 9.2 8.4 12.6



#20
Pyrene
Concen: 0.680 ng/ul
RT: 19.789 min Scan# 3669
Delta R.T. -0.000 min
Lab File: BM041815.D
Acq: 12 Sep 2023 16:50

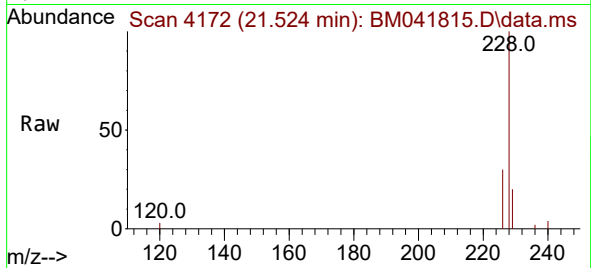
Tgt Ion:202 Resp: 99061
Ion Ratio Lower Upper
202 100
101 14.0 11.8 17.8
100 11.0 9.8 14.6



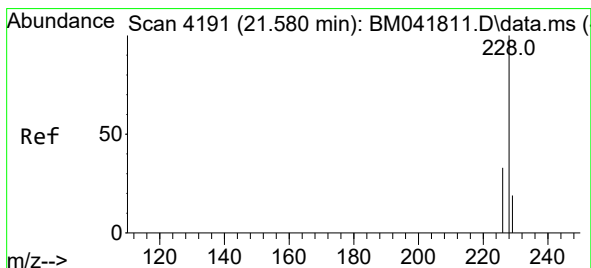
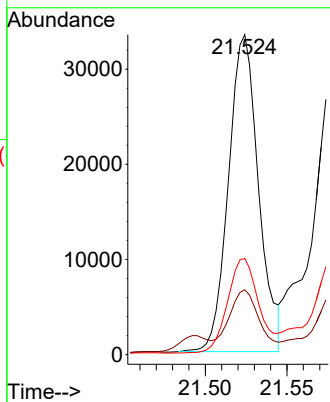
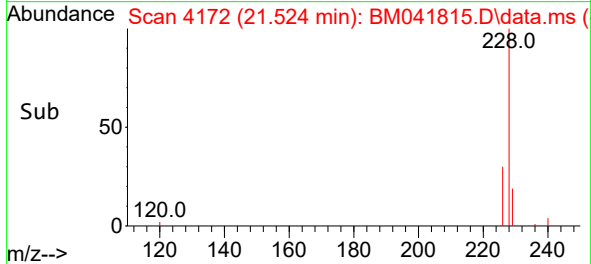


#21
Benzo(a)anthracene
Concen: 0.420 ng/ul
RT: 21.524 min Scan# 4172
Delta R.T. -0.003 min
Lab File: BM041815.D
Acq: 12 Sep 2023 16:50

Instrument :
BNA_P
ClientSampleId :

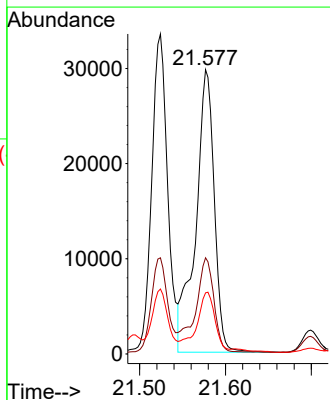
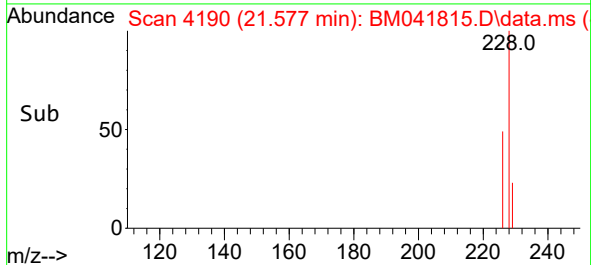
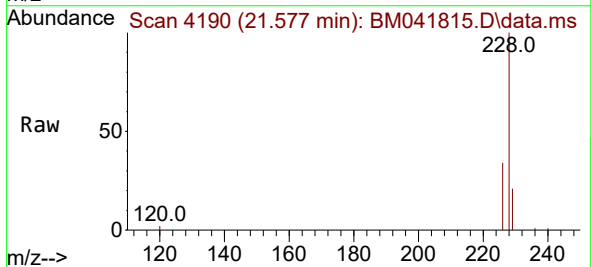


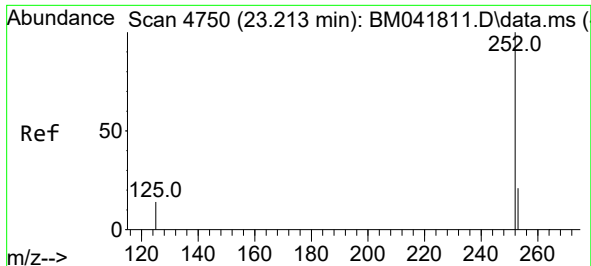
Tgt Ion:228 Resp: 42614
Ion Ratio Lower Upper
228 100
229 20.3 15.8 23.6
226 30.1 24.8 37.2



#22
Chrysene
Concen: 0.408 ng/ul
RT: 21.577 min Scan# 4190
Delta R.T. -0.003 min
Lab File: BM041815.D
Acq: 12 Sep 2023 16:50

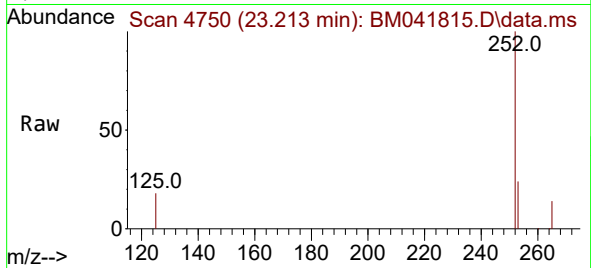
Tgt Ion:228 Resp: 44661
Ion Ratio Lower Upper
228 100
226 33.8 27.0 40.6
229 21.5 15.4 23.2



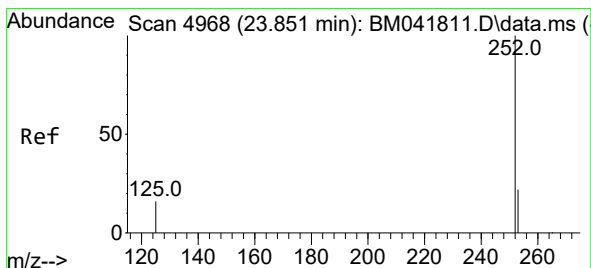
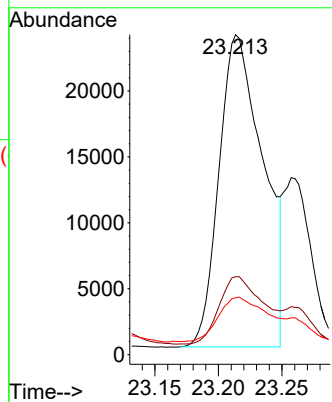
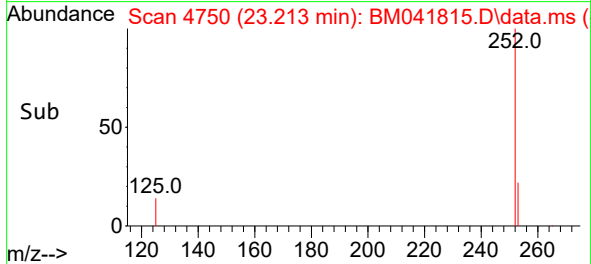


#24
Benzo(b)fluoranthene
Concen: 0.524 ng/ul
RT: 23.213 min Scan# 4750
Delta R.T. -0.003 min
Lab File: BM041815.D
Acq: 12 Sep 2023 16:50

Instrument :
BNA_P
ClientSampleId :

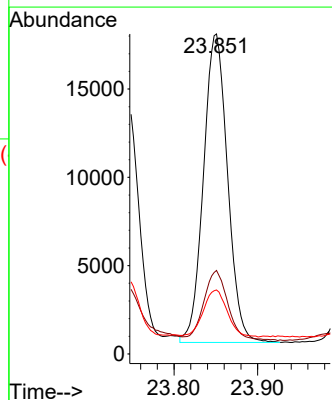
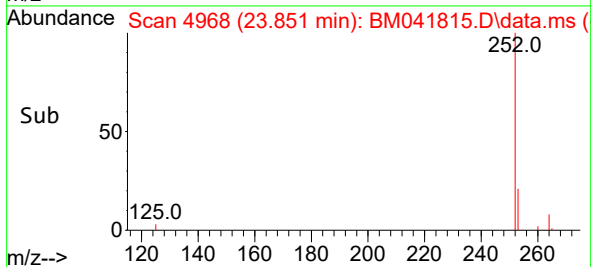
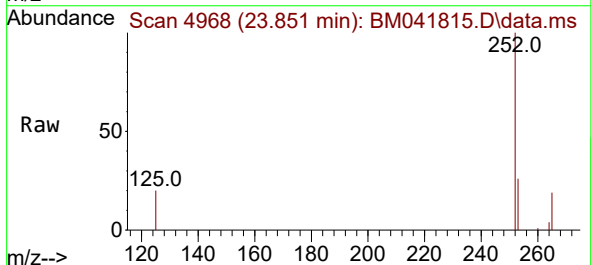


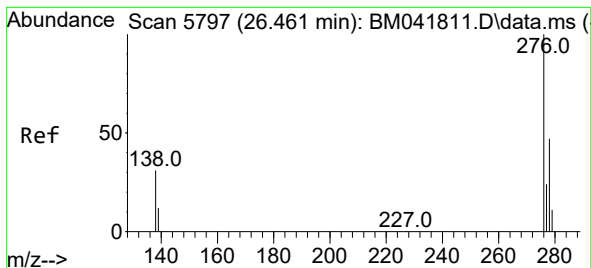
Tgt Ion:252 Resp: 57320
Ion Ratio Lower Upper
252 100
253 24.4 0.0 52.4
125 17.8 0.0 42.8



#26
Benzo(a)pyrene
Concen: 0.393 ng/ul
RT: 23.851 min Scan# 4968
Delta R.T. -0.003 min
Lab File: BM041815.D
Acq: 12 Sep 2023 16:50

Tgt Ion:252 Resp: 34975
Ion Ratio Lower Upper
252 100
253 26.1 22.4 33.6
125 20.0 21.0 31.4#





#27

Indeno(1,2,3-cd)pyrene

Concen: 0.198 ng/ul

RT: 26.458 min Scan# 51

Delta R.T. -0.010 min

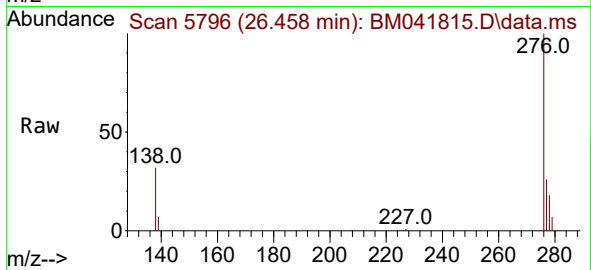
Lab File: BM041815.D

Acq: 12 Sep 2023 16:50

Instrument :

BNA_P

ClientSampleId :



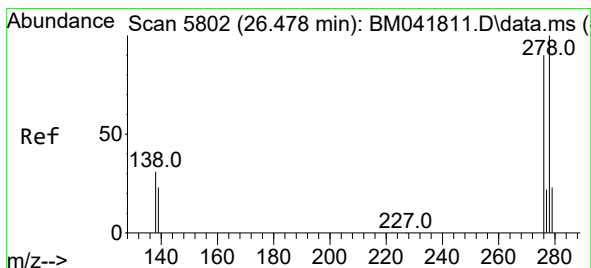
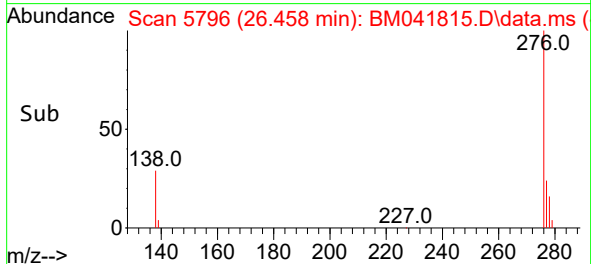
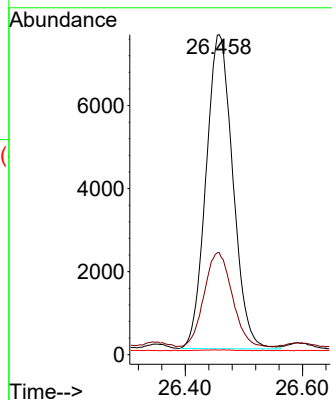
Tgt Ion:276 Resp: 24095

Ion Ratio Lower Upper

276 100

138 31.0 26.4 39.6

227 0.1 0.1 0.1#



#28

Dibenzo(a,h)anthracene

Concen: 0.069 ng/ul

RT: 26.478 min Scan# 5802

Delta R.T. -0.007 min

Lab File: BM041815.D

Acq: 12 Sep 2023 16:50

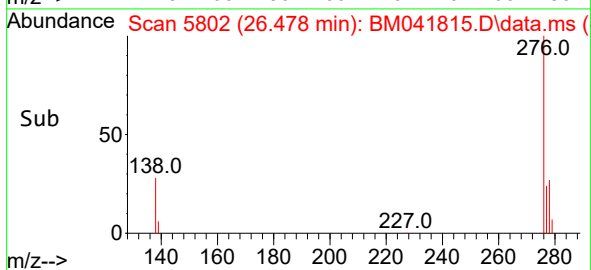
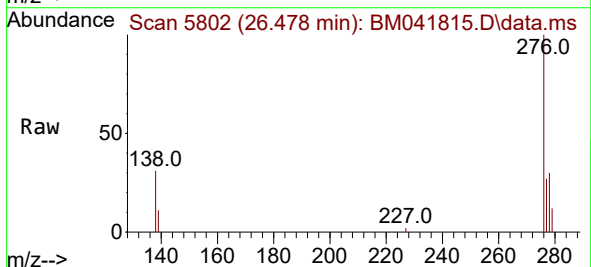
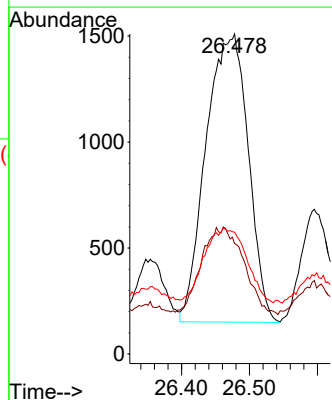
Tgt Ion:278 Resp: 5871

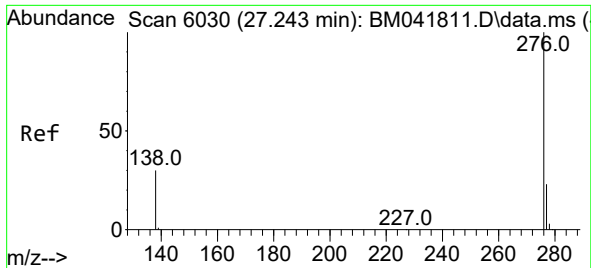
Ion Ratio Lower Upper

278 100

139 34.5 23.0 34.6

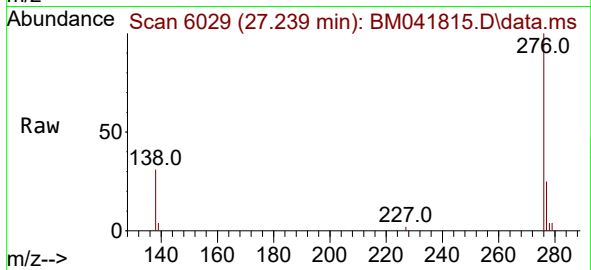
279 38.1 22.9 34.3#





#29
 Benzo(g,h,i)perylene
 Concen: 0.207 ng/ul
 RT: 27.239 min Scan# 60
 Delta R.T. -0.007 min
 Lab File: BM041815.D
 Acq: 12 Sep 2023 16:50

Instrument :
 BNA_P
 ClientSampleId :



Tgt Ion:	276	Resp:	22338
Ion Ratio	Lower	Upper	
276	100		
138	30.9	25.0	37.4
277	24.9	20.2	30.2

