

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
 Data File : BM046302.D
 Acq On : 25 Jun 2024 21:34
 Operator : MA/JU
 Sample : P2844-23DL 5X
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4C48DL

Quant Time: Jun 25 23:29:26 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 25 08:04:59 2024
 Response via : Initial Calibration

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

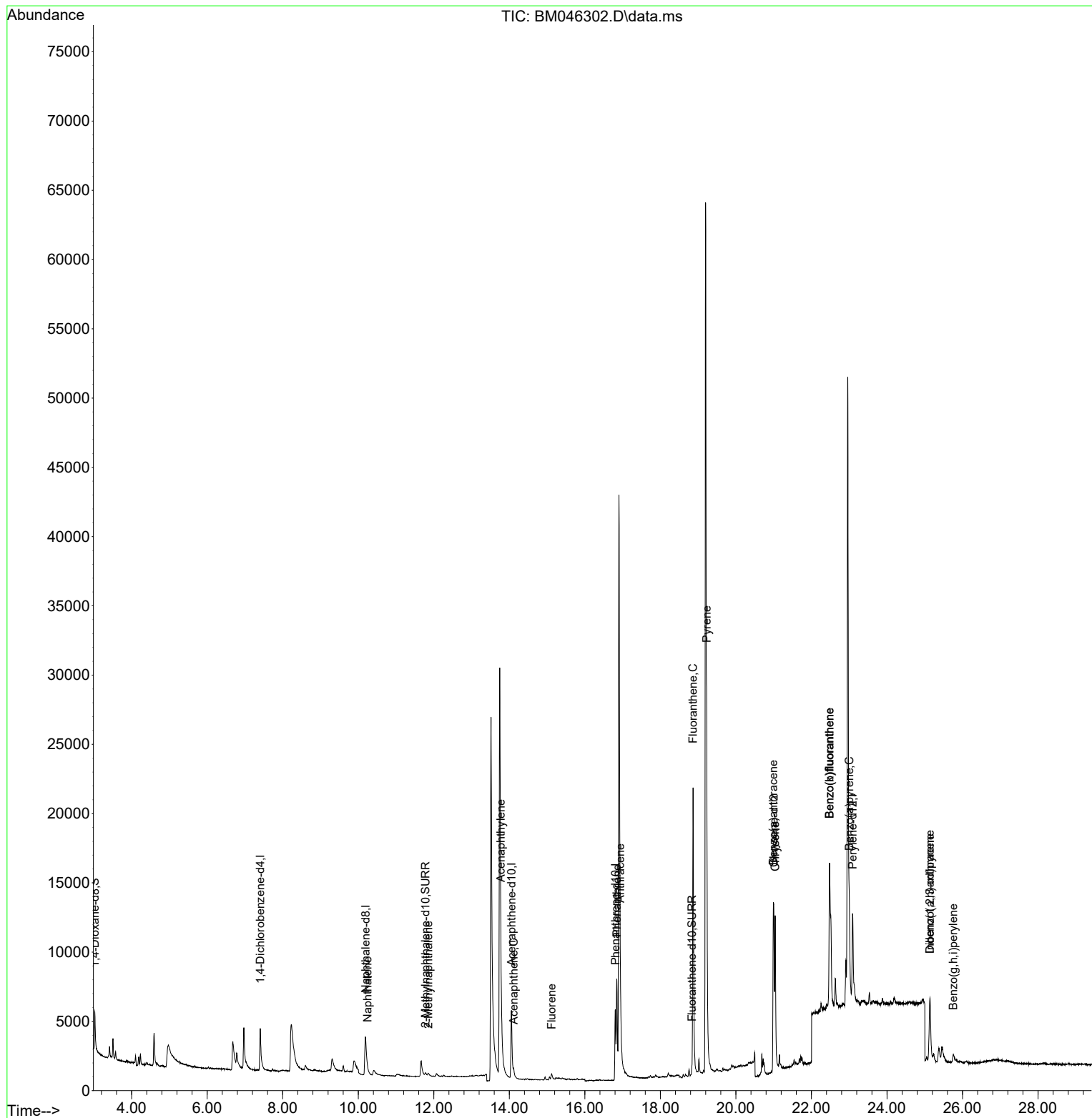
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.404	152	2486	0.400	ng/ul	-0.05
4) Naphthalene-d8	10.193	136	7466	0.400	ng/ul	-0.06
9) Acenaphthene-d10	14.057	164	4115	0.400	ng/ul	-0.03
13) Phenanthrene-d10	16.806	188	8142	0.400	ng/ul	-0.05
17) Chrysene-d12	21.003	240	6900	0.400	ng/ul	-0.02
23) Perylene-d12	23.089	264	9309	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.025	96	1770	0.519	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.782	152	470	0.047	ng/ul	-0.09
18) Fluoranthene-d10	18.833	212	944	0.046	ng/ul	-0.04
Target Compounds						Qvalue
5) Naphthalene	10.248	128	642	0.031	ng/ul#	48
7) 2-Methylnaphthalene	11.853	142	275	0.023	ng/ul	83
10) Acenaphthylene	13.774	152	2060	0.106	ng/ul#	83
11) Acenaphthene	14.117	153	342	0.024	ng/ul#	89
12) Fluorene	15.121	166	494	0.033	ng/ul#	91
15) Phenanthrene	16.849	178	9897	0.433	ng/ul	99
16) Anthracene	16.937	178	2335	0.137	ng/ul#	88
19) Fluoranthene	18.866	202	24190	0.810	ng/ul	96
20) Pyrene	19.224	202	20298	0.628	ng/ul	99
21) Benzo(a)anthracene	20.988	228	12502	0.469	ng/ul	93
22) Chrysene	21.038	228	11870	0.349	ng/ul	96
24) Benzo(b)fluoranthene	22.478	252	25215	0.752	ng/ul	98
25) Benzo(k)fluoranthene	22.478	252	25215	0.632	ng/ul	98
26) Benzo(a)pyrene	23.002	252	7526	0.242	ng/ul#	90
27) Indeno(1,2,3-cd)pyrene	25.135	276	8995	0.177	ng/ul#	85
28) Dibenzo(a,h)anthracene	25.135	278	2278	0.060	ng/ul#	34
29) Benzo(g,h,i)perylene	25.756	276	1279	0.029	ng/ul#	25

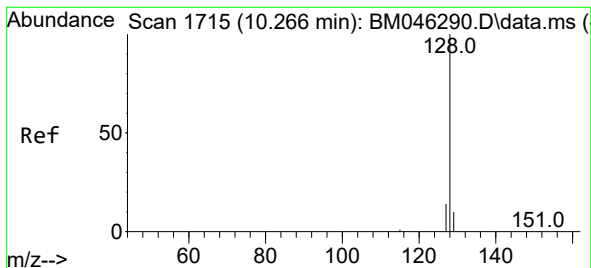
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jun 25 23:29:26 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
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QLast Update : Tue Jun 25 08:04:59 2024
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#5

Naphthalene

Concen: 0.031 ng/ul

RT: 10.248 min Scan# 1

Delta R.T. -0.056 min

Lab File: BM046302.D

Acq: 25 Jun 2024 21:34

Instrument :

BNA_M

ClientSampleId :

A4C48DL

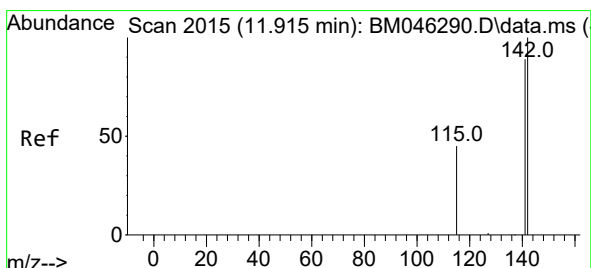
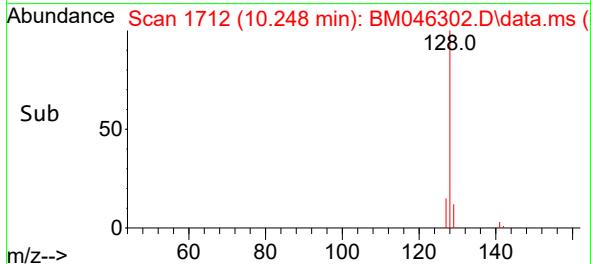
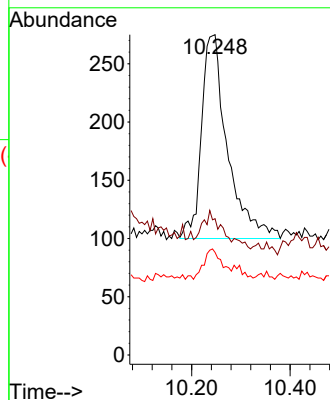
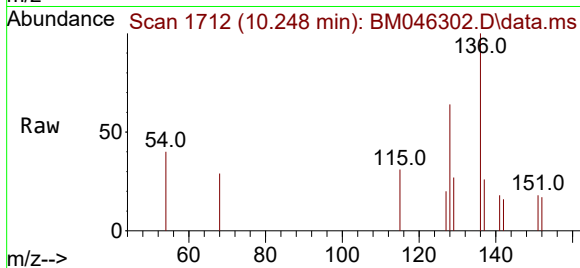
Tgt Ion:128 Resp: 642

Ion Ratio Lower Upper

128 100

129 42.5 11.8 17.6#

127 32.0 12.8 19.2#



#7

2-Methylnaphthalene

Concen: 0.023 ng/ul

RT: 11.853 min Scan# 2004

Delta R.T. -0.100 min

Lab File: BM046302.D

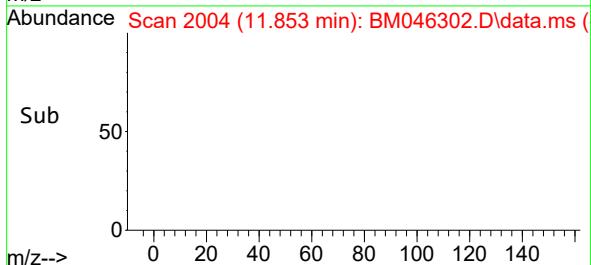
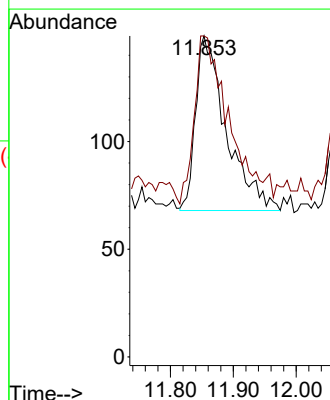
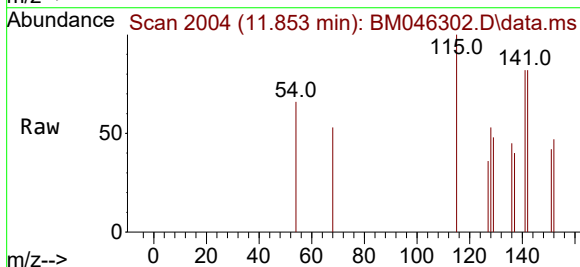
Acq: 25 Jun 2024 21:34

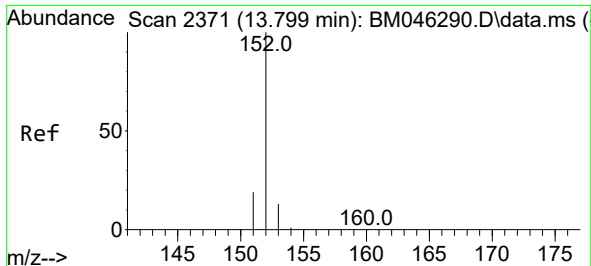
Tgt Ion:142 Resp: 275

Ion Ratio Lower Upper

142 100

141 109.5 74.6 111.8

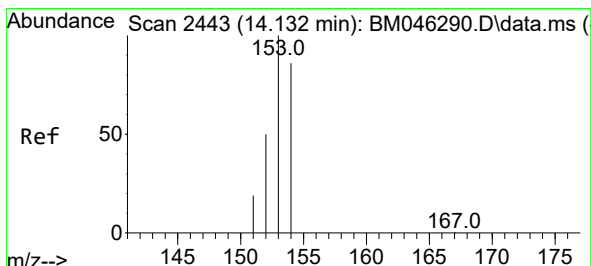
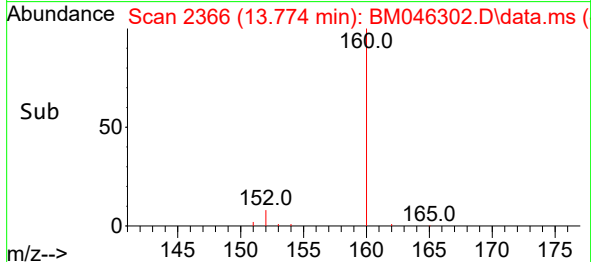
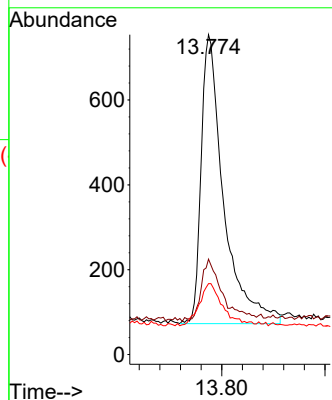
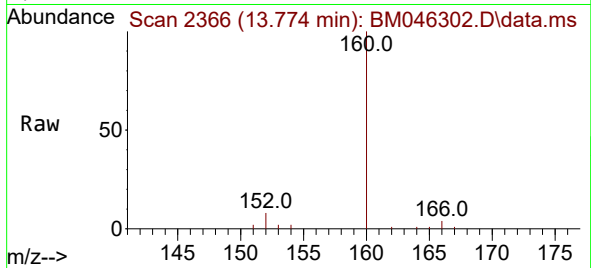




#10
Acenaphthylene
Concen: 0.106 ng/ul
RT: 13.774 min Scan# 21
Delta R.T. -0.043 min
Lab File: BM046302.D
Acq: 25 Jun 2024 21:34

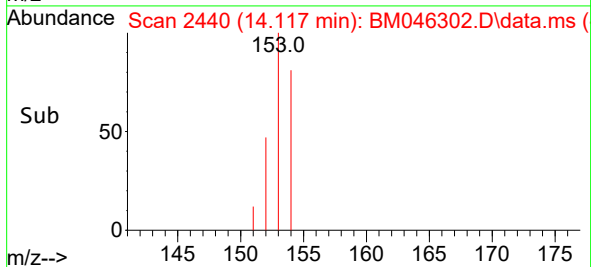
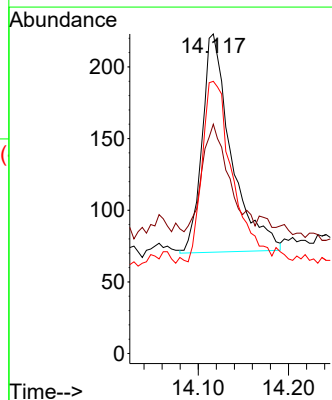
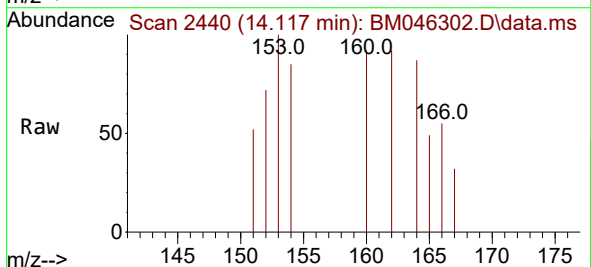
Instrument :
BNA_M
ClientSampleId :
A4C48DL

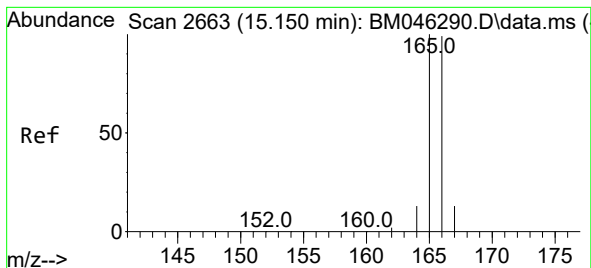
Tgt Ion:152 Resp: 2060
Ion Ratio Lower Upper
152 100
151 29.8 17.4 26.2#
153 22.1 11.8 17.8#



#11
Acenaphthene
Concen: 0.024 ng/ul
RT: 14.117 min Scan# 2440
Delta R.T. -0.029 min
Lab File: BM046302.D
Acq: 25 Jun 2024 21:34

Tgt Ion:153 Resp: 342
Ion Ratio Lower Upper
153 100
152 71.7 41.3 61.9#
154 85.2 68.2 102.4





#12

Fluorene

Concen: 0.033 ng/ul

RT: 15.121 min Scan# 2

Delta R.T. -0.048 min

Lab File: BM046302.D

Acq: 25 Jun 2024 21:34

Instrument :

BNA_M

ClientSampleId :

A4C48DL

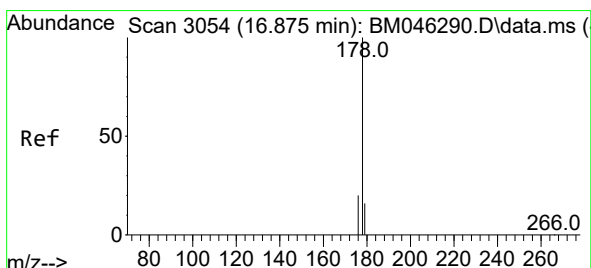
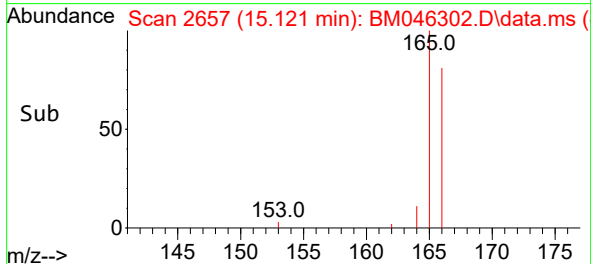
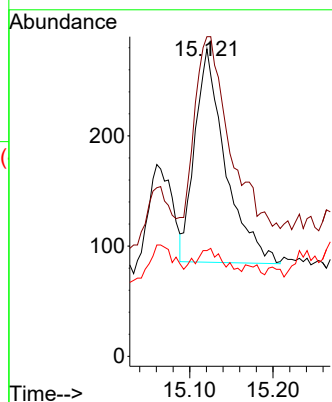
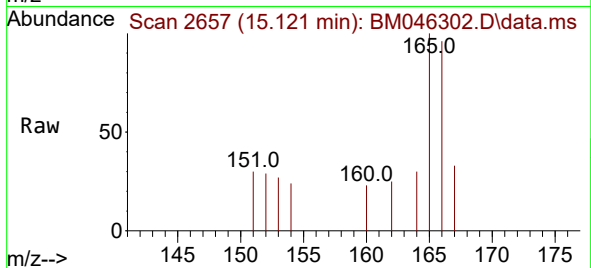
Tgt Ion:166 Resp: 494

Ion Ratio Lower Upper

166 100

165 103.9 80.4 120.6

167 34.4 12.4 18.6#



#15

Phenanthrene

Concen: 0.433 ng/ul

RT: 16.849 min Scan# 3048

Delta R.T. -0.039 min

Lab File: BM046302.D

Acq: 25 Jun 2024 21:34

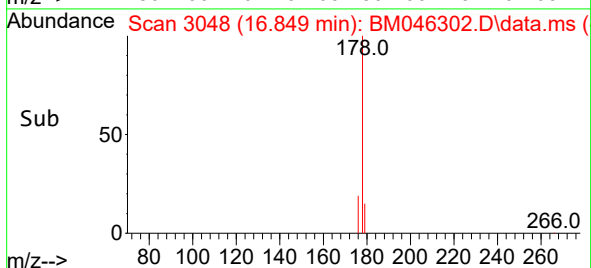
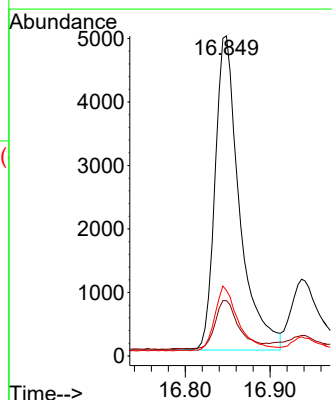
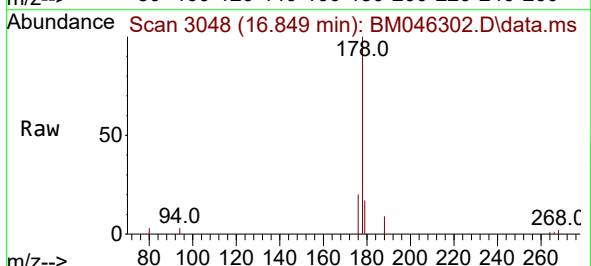
Tgt Ion:178 Resp: 9897

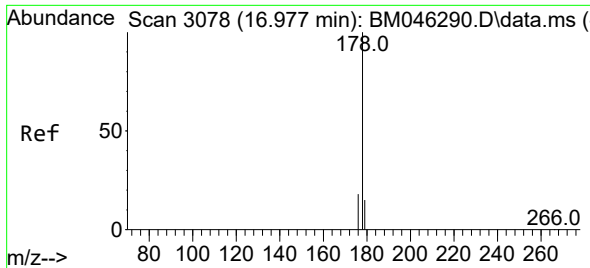
Ion Ratio Lower Upper

178 100

179 17.3 14.2 21.2

176 20.5 17.1 25.7

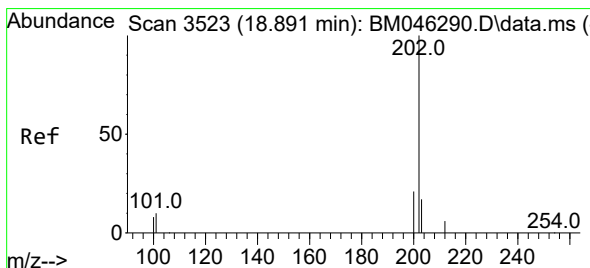
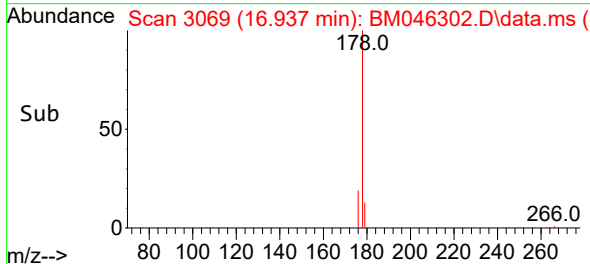
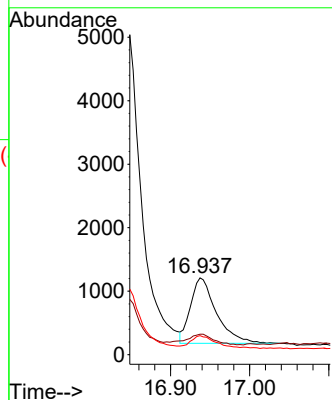
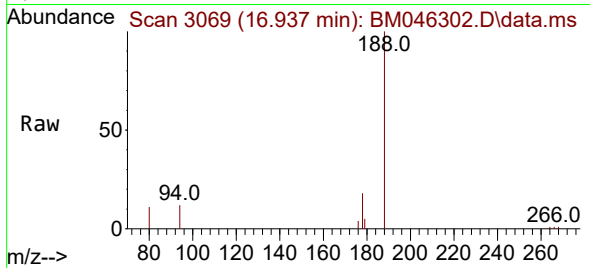




#16
 Anthracene
 Concen: 0.137 ng/ul
 RT: 16.937 min Scan# 3078
 Delta R.T. -0.069 min
 Lab File: BM046302.D
 Acq: 25 Jun 2024 21:34

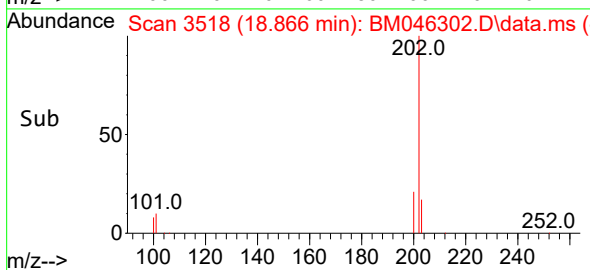
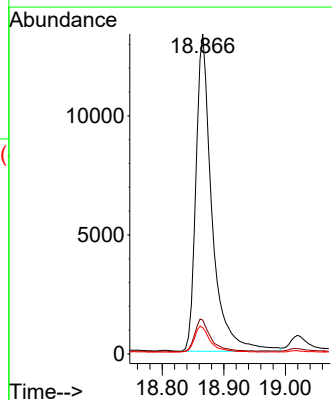
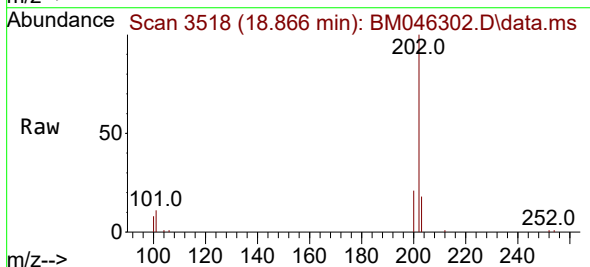
Instrument :
 BNA_M
 ClientSampleId :
 A4C48DL

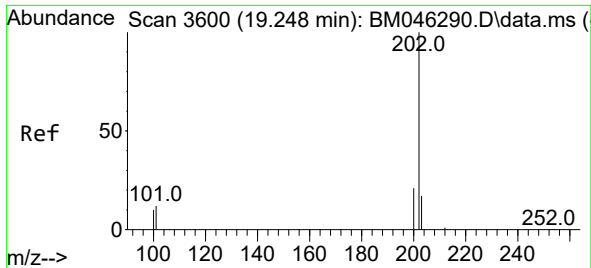
Tgt Ion:178 Resp: 2335
 Ion Ratio Lower Upper
 178 100
 179 26.6 14.9 22.3#
 176 24.8 17.0 25.4



#19
 Fluoranthene
 Concen: 0.810 ng/ul
 RT: 18.866 min Scan# 3518
 Delta R.T. -0.039 min
 Lab File: BM046302.D
 Acq: 25 Jun 2024 21:34

Tgt Ion:202 Resp: 24190
 Ion Ratio Lower Upper
 202 100
 101 10.6 9.6 14.4
 100 8.2 7.6 11.4

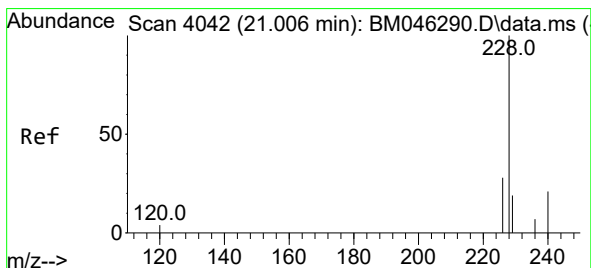
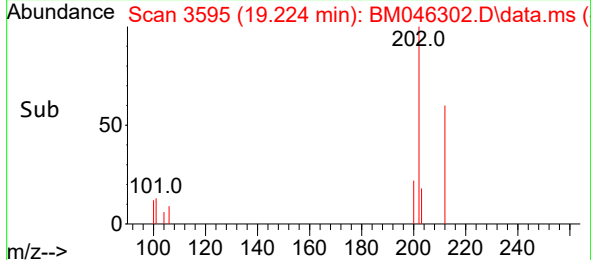
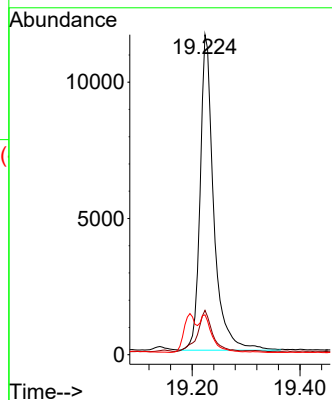
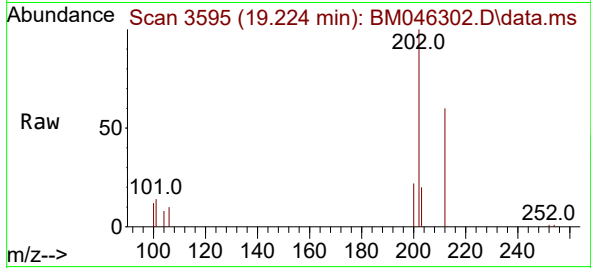




#20
 Pyrene
 Concen: 0.628 ng/ul
 RT: 19.224 min Scan# 3595
 Delta R.T. -0.034 min
 Lab File: BM046302.D
 Acq: 25 Jun 2024 21:34

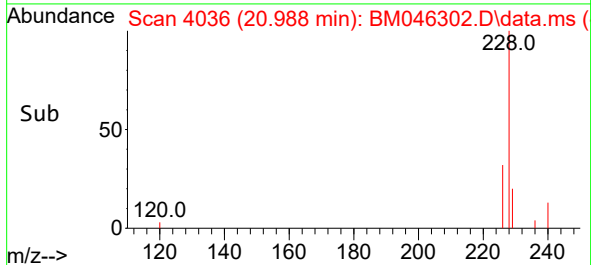
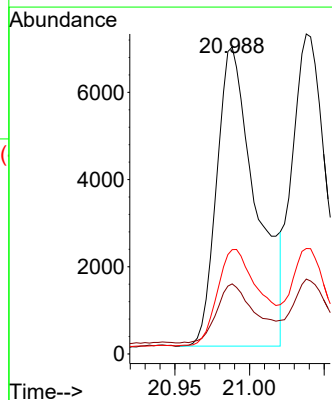
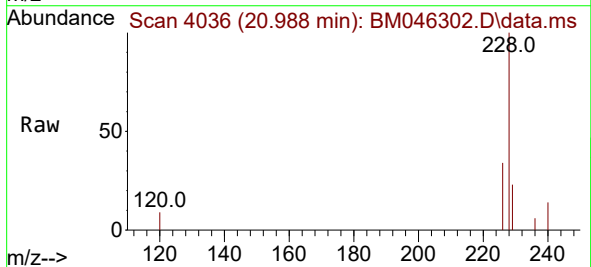
Instrument :
 BNA_M
 ClientSampleId :
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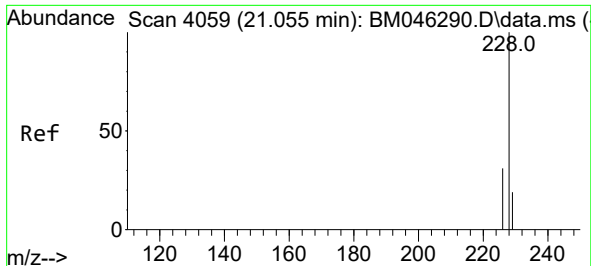
Tgt Ion:202 Resp: 20298
 Ion Ratio Lower Upper
 202 100
 101 13.9 11.3 16.9
 100 12.4 9.8 14.6



#21
 Benzo(a)anthracene
 Concen: 0.469 ng/ul
 RT: 20.988 min Scan# 4036
 Delta R.T. -0.023 min
 Lab File: BM046302.D
 Acq: 25 Jun 2024 21:34

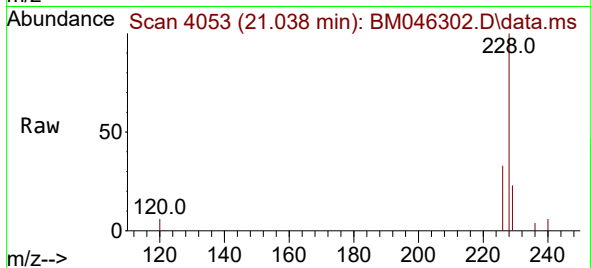
Tgt Ion:228 Resp: 12502
 Ion Ratio Lower Upper
 228 100
 229 22.8 16.4 24.6
 226 34.0 23.4 35.2



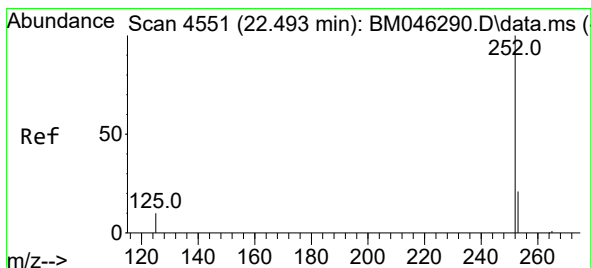
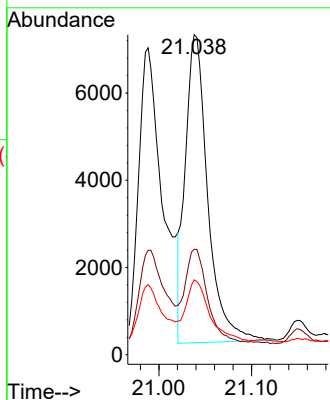
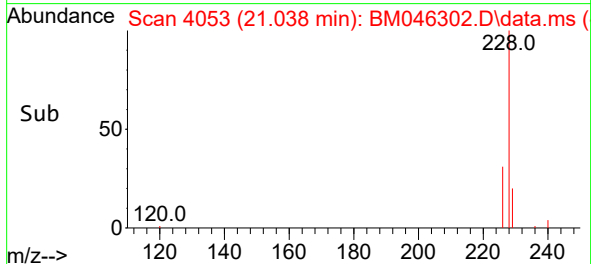


#22
Chrysene
Concen: 0.349 ng/ul
RT: 21.038 min Scan# 4053
Delta R.T. -0.020 min
Lab File: BM046302.D
Acq: 25 Jun 2024 21:34

Instrument :
BNA_M
ClientSampleId :
A4C48DL

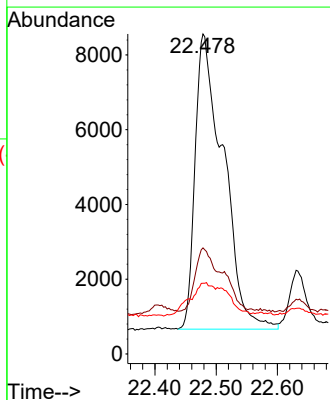
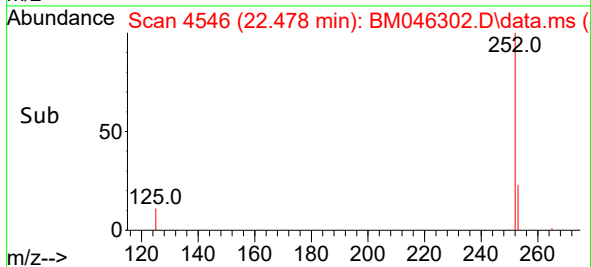
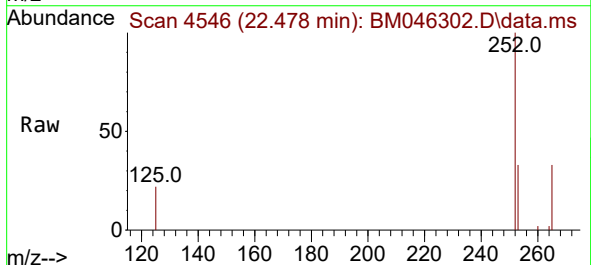


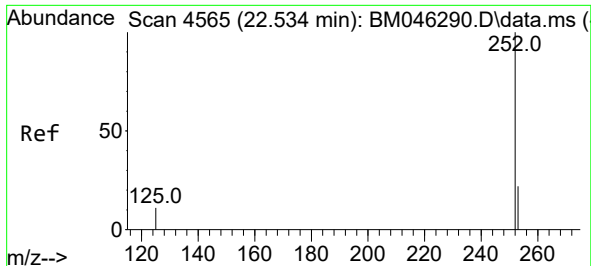
Tgt Ion:	228	Resp:	11870
Ion Ratio	100	Lower	Upper
226	33.0	25.2	37.8
229	23.4	16.3	24.5



#24
Benzo(b)fluoranthene
Concen: 0.752 ng/ul
RT: 22.478 min Scan# 4546
Delta R.T. -0.017 min
Lab File: BM046302.D
Acq: 25 Jun 2024 21:34

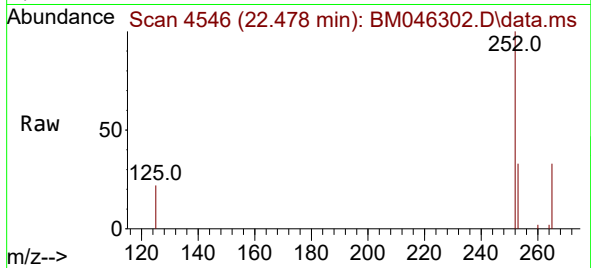
Tgt Ion:	252	Resp:	25215
Ion Ratio	100	Lower	Upper
253	33.2	0.0	65.8
125	22.1	0.0	40.2



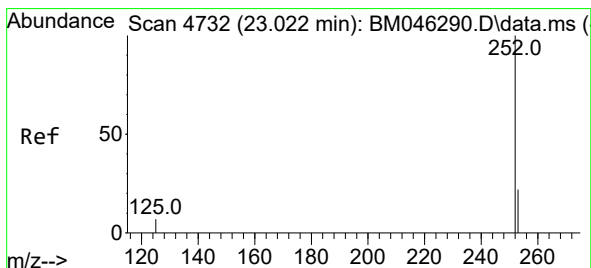
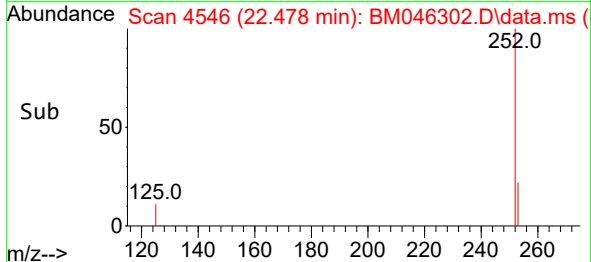
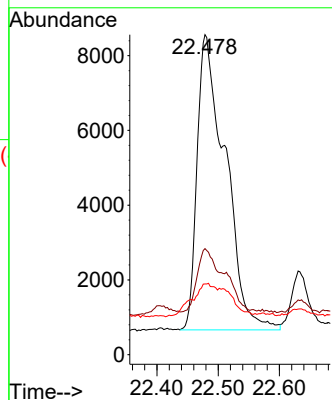


#25
Benzo(k)fluoranthene
Concen: 0.632 ng/ul
RT: 22.478 min Scan# 4546
Delta R.T. -0.058 min
Lab File: BM046302.D
Acq: 25 Jun 2024 21:34

Instrument :
BNA_M
ClientSampleId :
A4C48DL

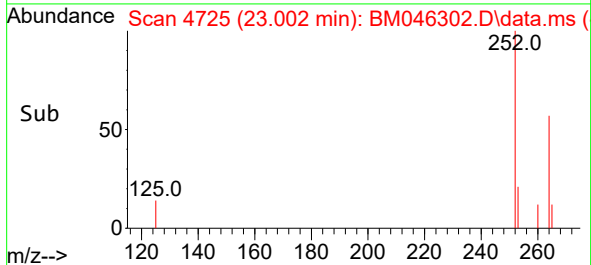
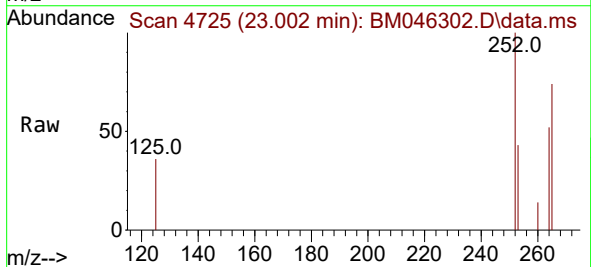
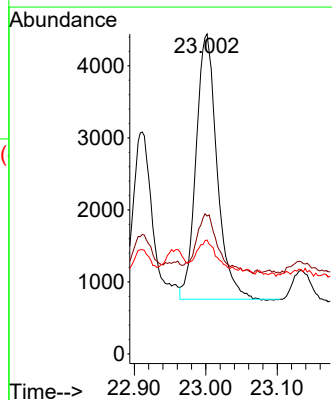


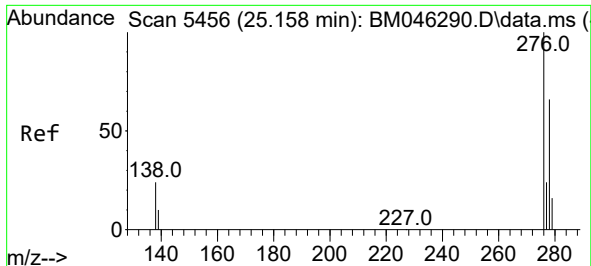
Tgt Ion:252 Resp: 25215
Ion Ratio Lower Upper
252 100
253 33.2 27.2 40.8
125 22.1 16.6 25.0



#26
Benzo(a)pyrene
Concen: 0.242 ng/ul
RT: 23.002 min Scan# 4725
Delta R.T. -0.026 min
Lab File: BM046302.D
Acq: 25 Jun 2024 21:34

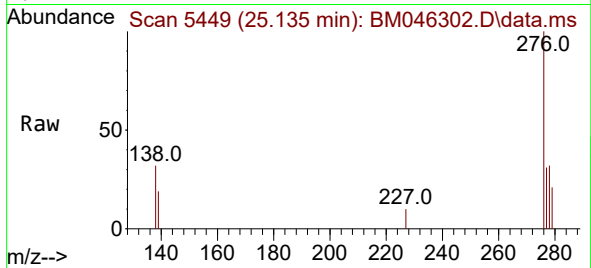
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Ion Ratio Lower Upper
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253 43.1 32.1 48.1
125 35.6 21.2 31.8#



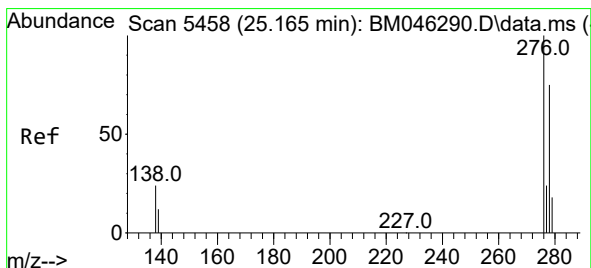
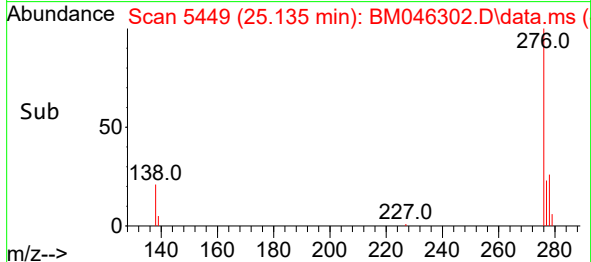
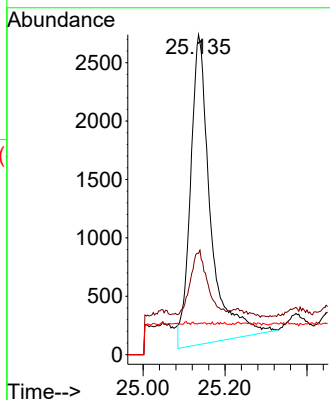


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.177 ng/ul
RT: 25.135 min Scan# 5449
Delta R.T. -0.033 min
Lab File: BM046302.D
Acq: 25 Jun 2024 21:34

Instrument :
BNA_M
ClientSampleId :
A4C48DL

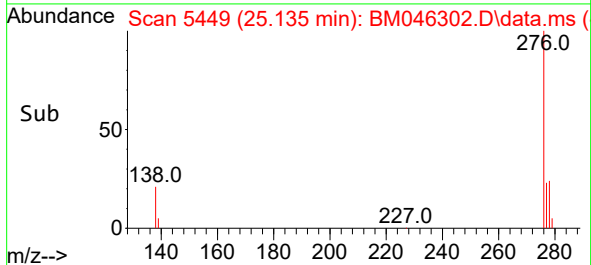
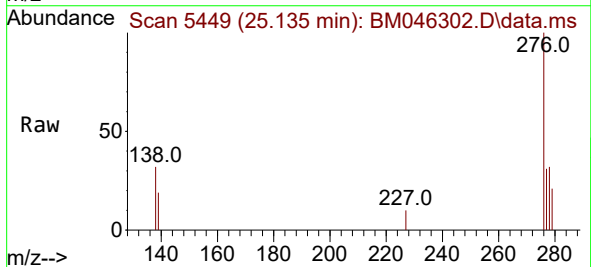
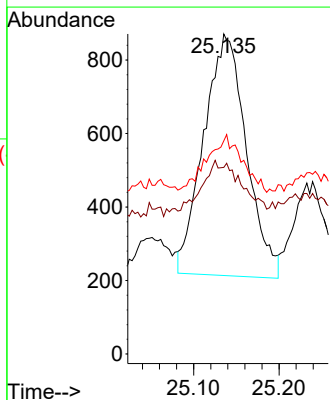


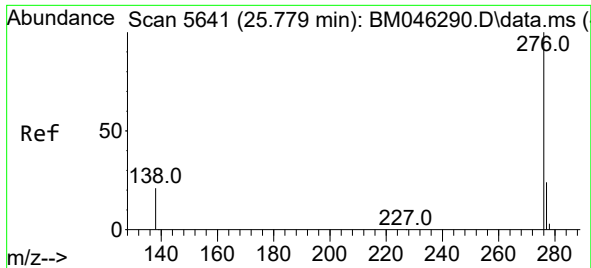
Tgt Ion:276 Resp: 8995
Ion Ratio Lower Upper
276 100
138 18.5 21.0 31.4#
227 0.0 0.0 0.0



#28
Dibenzo(a,h)anthracene
Concen: 0.060 ng/ul
RT: 25.135 min Scan# 5449
Delta R.T. -0.047 min
Lab File: BM046302.D
Acq: 25 Jun 2024 21:34

Tgt Ion:278 Resp: 2278
Ion Ratio Lower Upper
278 100
139 58.3 17.6 26.4#
279 66.6 26.3 39.5#





#29
Benzo(g,h,i)perylene
Concen: 0.029 ng/ul
RT: 25.756 min Scan# 50
Delta R.T. -0.030 min
Lab File: BM046302.D
Acq: 25 Jun 2024 21:34

Instrument :
BNA_M
ClientSampleId :
A4C48DL

Tgt Ion:276 Resp: 1279
Ion Ratio Lower Upper
276 100
138 72.8 21.7 32.5#
277 56.4 20.4 30.6#

