

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
 Data File : BM045916.D
 Acq On : 08 Jun 2024 15:03
 Operator : MA/JU
 Sample : M2640-13
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4C33

Quant Time: Jun 10 01:28:37 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM060624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 07 22:59:16 2024
 Response via : Initial Calibration

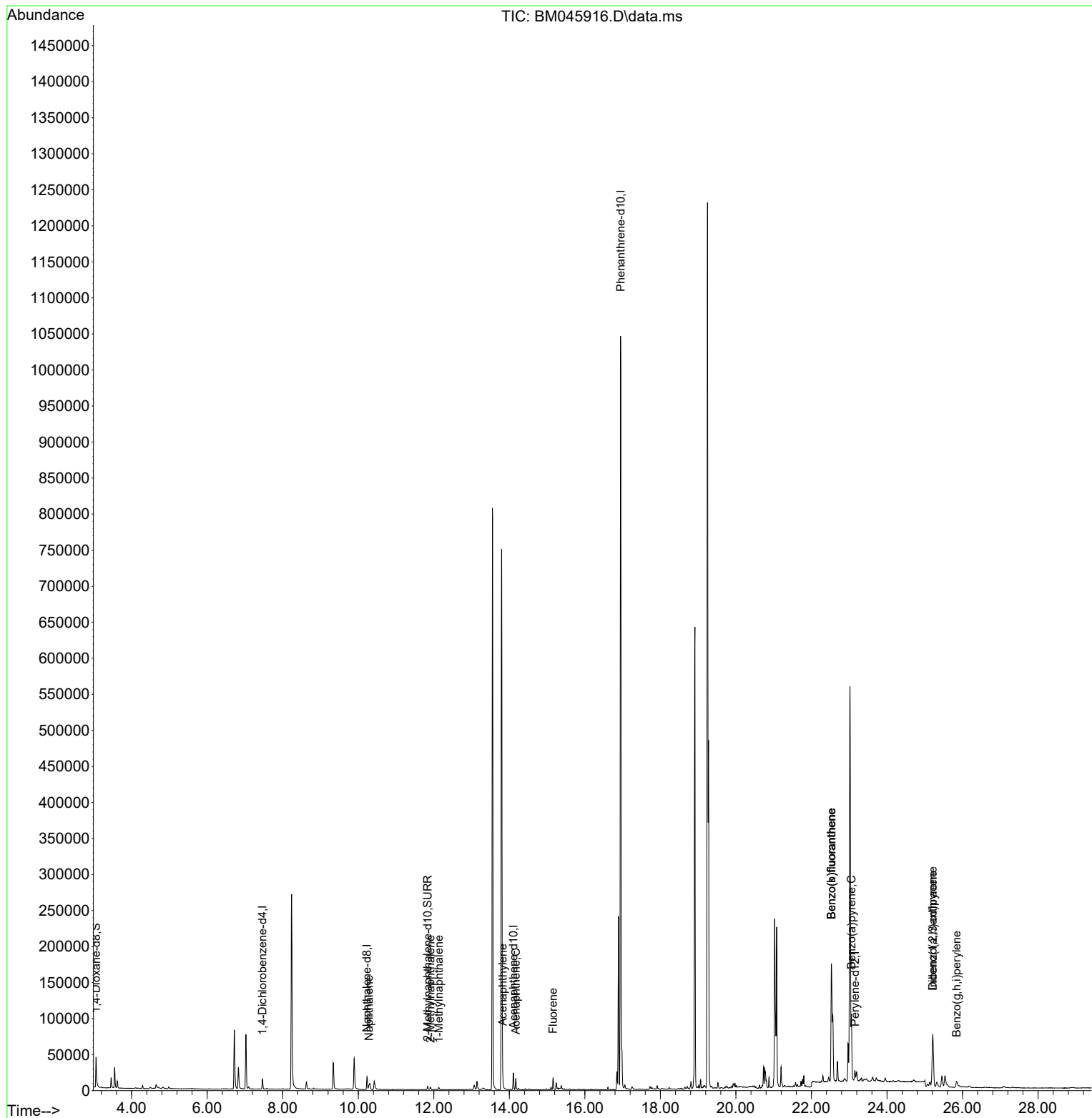
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.464	152	6616	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.231	136	22793	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.108	164	12445	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.946	188	1185497	0.400	ng/ul	0.08
17) Chrysene-d12	0.000	240	0	0.000	ng/ul	-21.05
23) Perylene-d12	23.151	264	18738	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.059	96	26108	3.465	ng/ul	-0.03
6) 2-Methylnaphthalene-d10	11.837	152	7301	0.223	ng/ul	-0.01
18) Fluoranthene-d10	18.880	212	15924	0.000	ng/ul	-0.01
Target Compounds						
					Qvalue	
5) Naphthalene	10.281	128	7781	0.131	ng/ul	96
7) 2-Methylnaphthalene	11.914	142	2950	0.078	ng/ul	99
8) 1-Methylnaphthalene	12.134	142	2356	0.057	ng/ul	98
10) Acenaphthylene	13.825	152	13967	0.247	ng/ul	99
11) Acenaphthene	14.172	153	8997	0.216	ng/ul	99
12) Fluorene	15.158	166	10299	0.222	ng/ul	99
24) Benzo(b)fluoranthene	22.528	252	338520	5.447	ng/ul	87
25) Benzo(k)fluoranthene	22.528	252	338520	4.957	ng/ul#	88
26) Benzo(a)pyrene	23.057	252	106786	1.728	ng/ul#	83
27) Indeno(1,2,3-cd)pyrene	25.209	276	98851	1.237	ng/ul#	96
28) Dibenzo(a,h)anthracene	25.212	278	28033	0.439	ng/ul#	91
29) Benzo(g,h,i)perylene	25.846	276	16723	0.243	ng/ul#	87

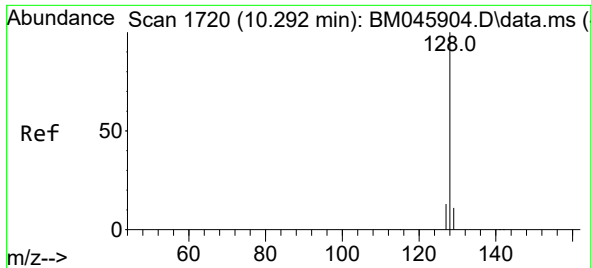
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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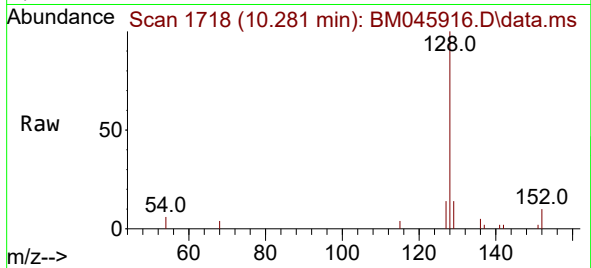
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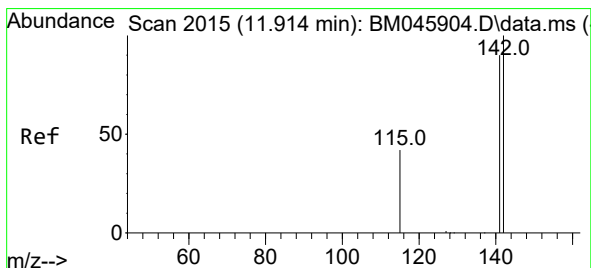
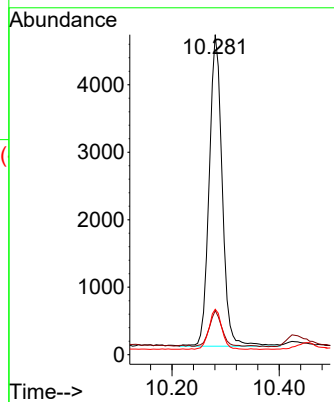
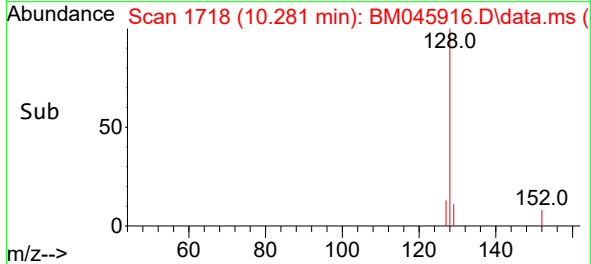


#5
Naphthalene
Concen: 0.131 ng/ul
RT: 10.281 min Scan# 1718
Delta R.T. -0.022 min
Lab File: BM045916.D
Acq: 08 Jun 2024 15:03

Instrument :
BNA_M
ClientSampleId :
A4C33

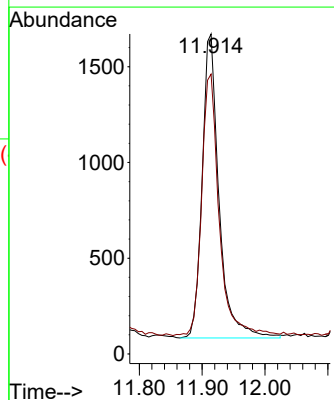
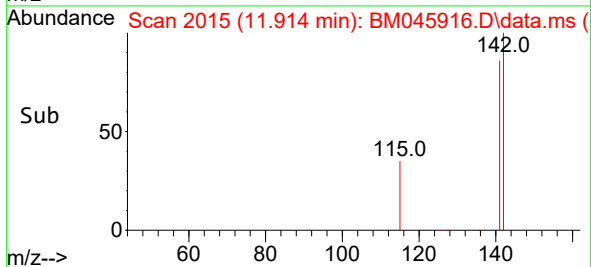
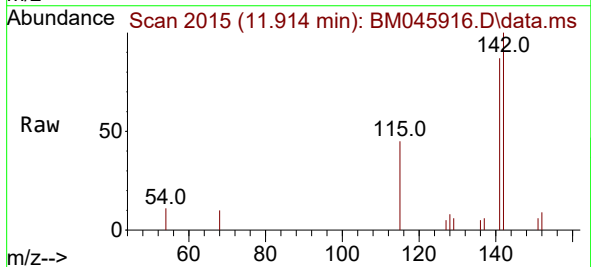


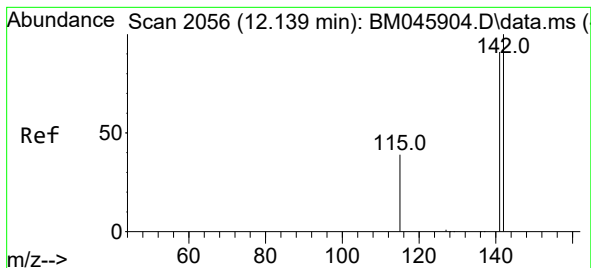
Tgt Ion:128 Resp: 7781
Ion Ratio Lower Upper
128 100
129 13.8 9.4 14.0
127 14.2 10.6 15.8



#7
2-Methylnaphthalene
Concen: 0.078 ng/ul
RT: 11.914 min Scan# 2015
Delta R.T. -0.005 min
Lab File: BM045916.D
Acq: 08 Jun 2024 15:03

Tgt Ion:142 Resp: 2950
Ion Ratio Lower Upper
142 100
141 89.2 72.2 108.4





#8

1-Methylnaphthalene

Concen: 0.057 ng/ul

RT: 12.134 min Scan# 2056

Delta R.T. -0.011 min

Lab File: BM045916.D

Acq: 08 Jun 2024 15:03

Instrument :

BNA_M

ClientSampleId :

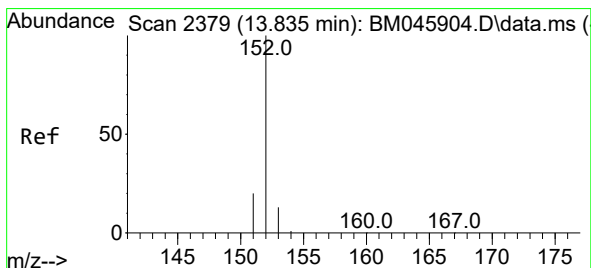
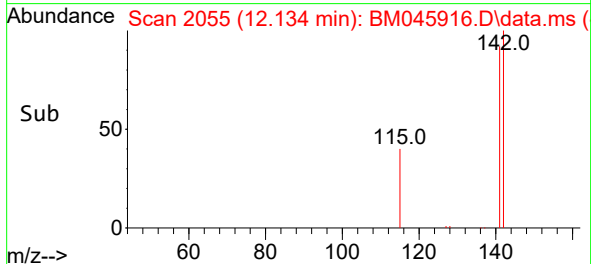
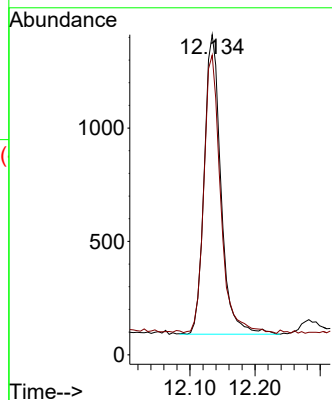
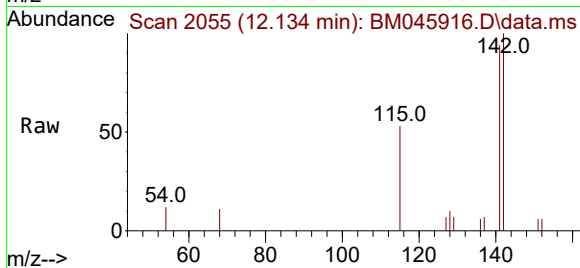
A4C33

Tgt Ion:142 Resp: 2356

Ion Ratio Lower Upper

142 100

141 93.6 73.5 110.3



#10

Acenaphthylene

Concen: 0.247 ng/ul

RT: 13.825 min Scan# 2377

Delta R.T. -0.014 min

Lab File: BM045916.D

Acq: 08 Jun 2024 15:03

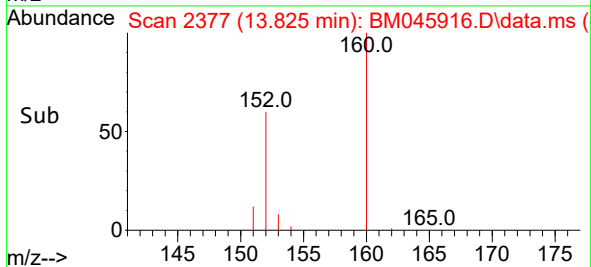
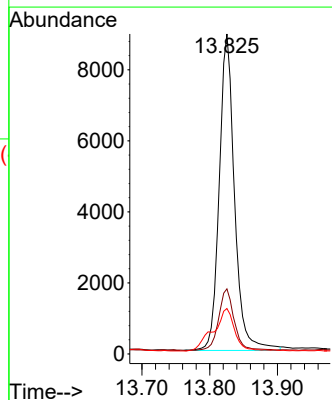
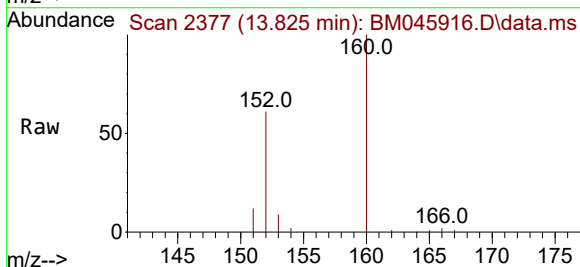
Tgt Ion:152 Resp: 13967

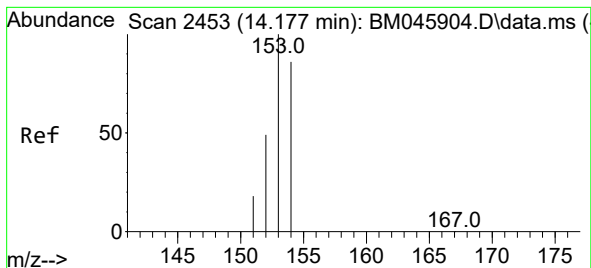
Ion Ratio Lower Upper

152 100

151 20.4 16.4 24.6

153 14.2 11.1 16.7





#11

Acenaphthene

Concen: 0.216 ng/ul

RT: 14.172 min Scan# 2453

Delta R.T. -0.009 min

Lab File: BM045916.D

Acq: 08 Jun 2024 15:03

Instrument :

BNA_M

ClientSampleId :

A4C33

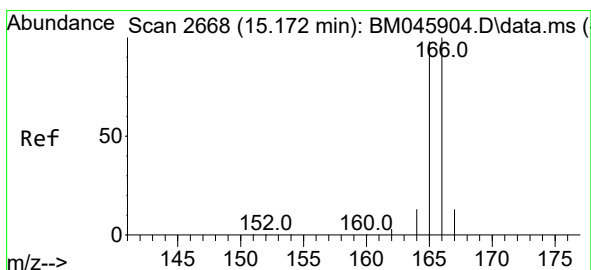
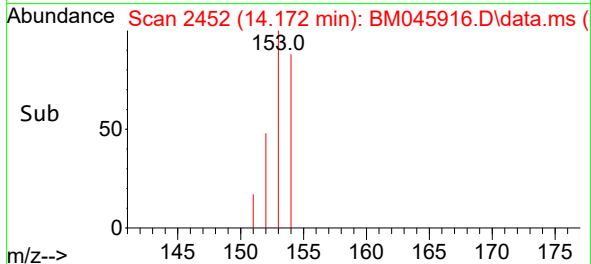
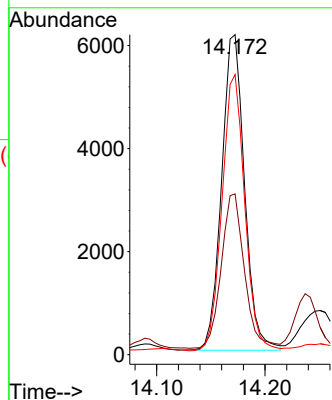
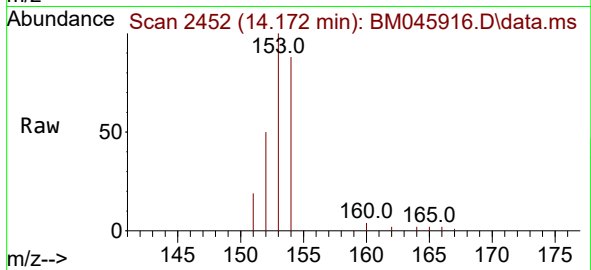
Tgt Ion:153 Resp: 8997

Ion Ratio Lower Upper

153 100

152 50.2 39.0 58.4

154 87.5 69.4 104.2



#12

Fluorene

Concen: 0.222 ng/ul

RT: 15.158 min Scan# 2665

Delta R.T. -0.019 min

Lab File: BM045916.D

Acq: 08 Jun 2024 15:03

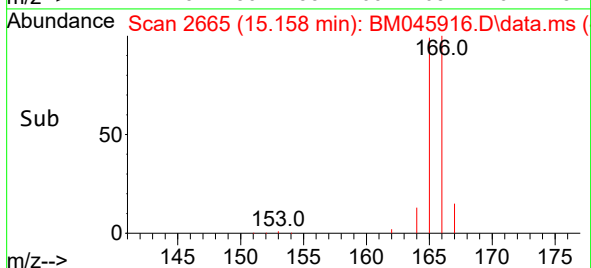
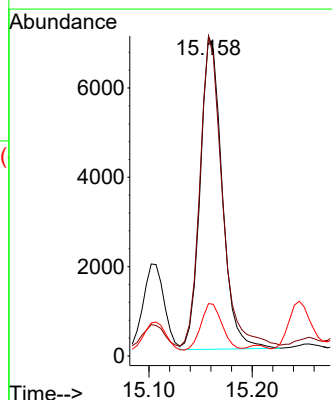
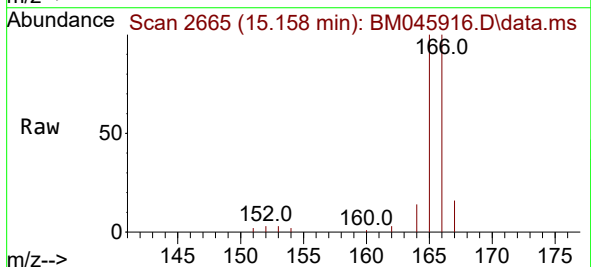
Tgt Ion:166 Resp: 10299

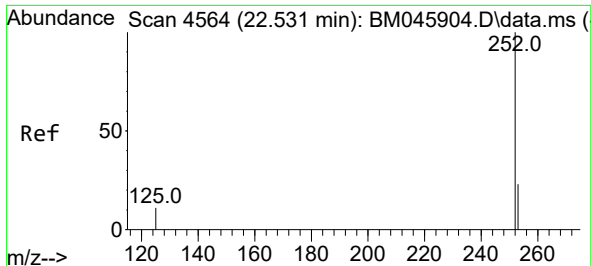
Ion Ratio Lower Upper

166 100

165 99.8 79.7 119.5

167 16.3 11.3 16.9

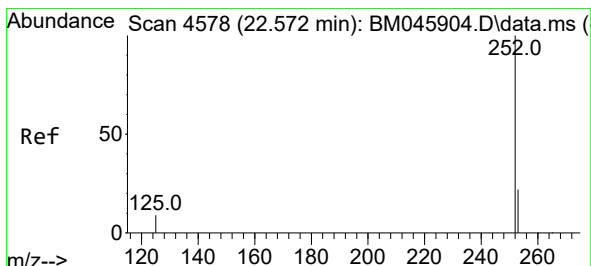
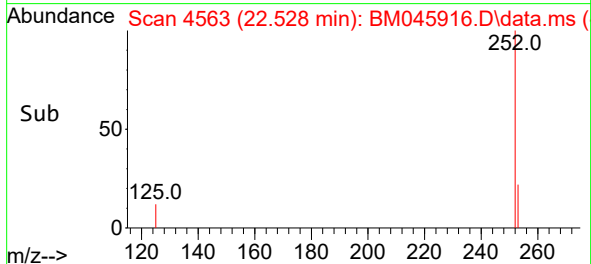
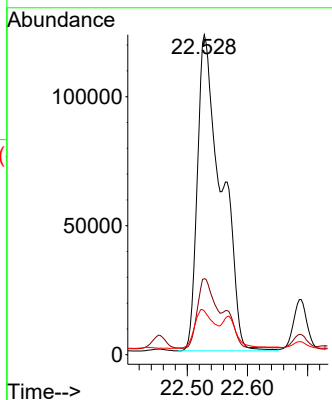
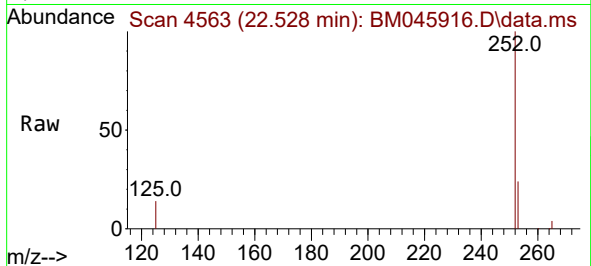




#24
Benzo(b)fluoranthene
Concen: 5.447 ng/ul
RT: 22.528 min Scan# 4563
Delta R.T. -0.009 min
Lab File: BM045916.D
Acq: 08 Jun 2024 15:03

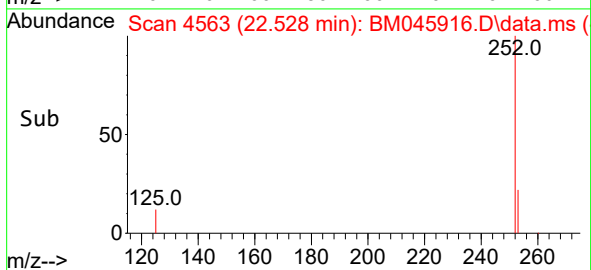
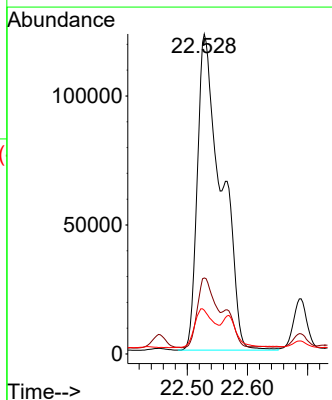
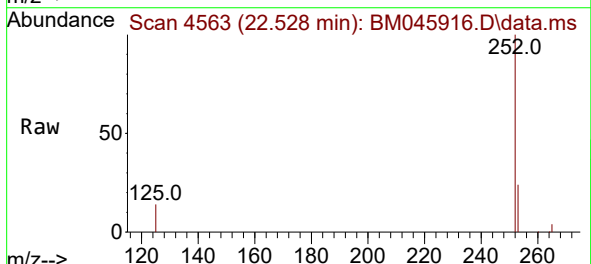
Instrument :
BNA_M
ClientSampleId :
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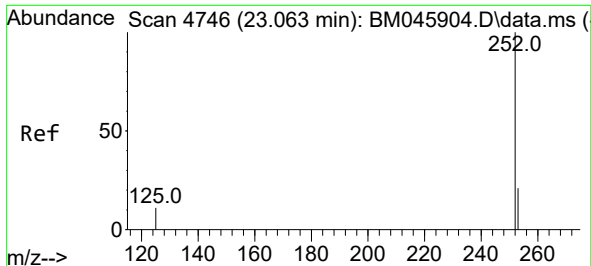
Tgt Ion:252 Resp: 338520
Ion Ratio Lower Upper
252 100
253 23.8 0.0 63.6
125 13.7 0.0 35.8



#25
Benzo(k)fluoranthene
Concen: 4.957 ng/ul
RT: 22.528 min Scan# 4563
Delta R.T. -0.053 min
Lab File: BM045916.D
Acq: 08 Jun 2024 15:03

Tgt Ion:252 Resp: 338520
Ion Ratio Lower Upper
252 100
253 23.8 25.0 37.6#
125 13.7 14.2 21.2#

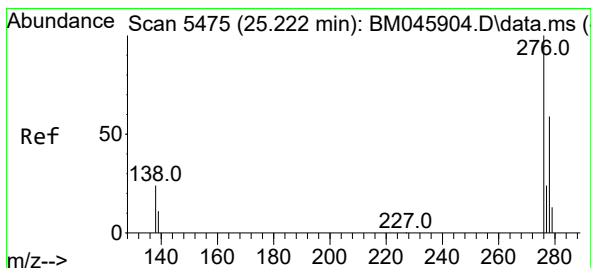
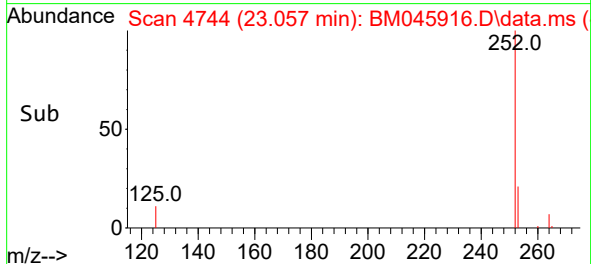
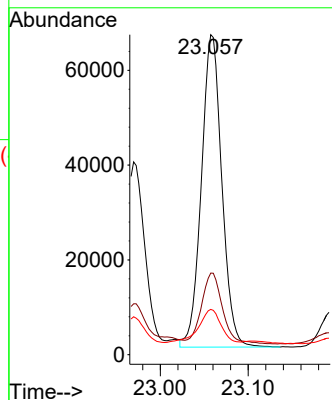
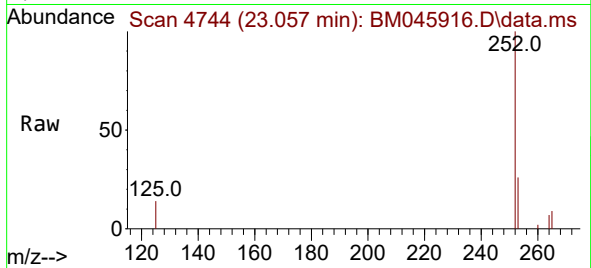




#26
Benzo(a)pyrene
Concen: 1.728 ng/ul
RT: 23.057 min Scan# 41
Delta R.T. -0.015 min
Lab File: BM045916.D
Acq: 08 Jun 2024 15:03

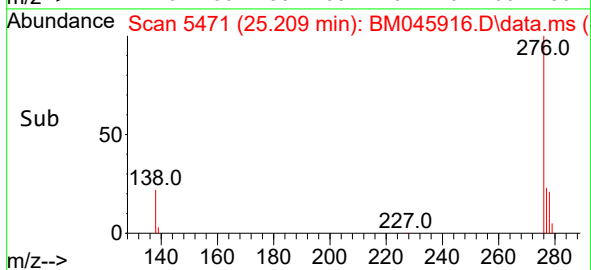
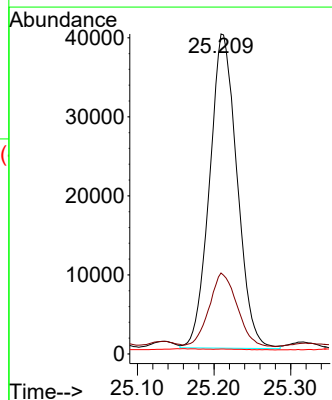
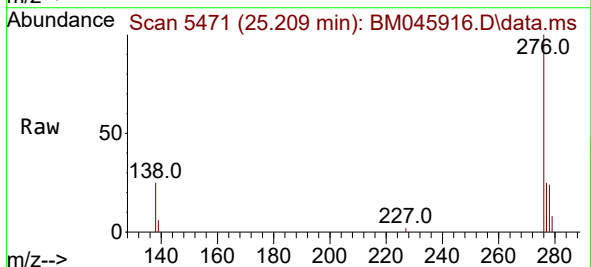
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ClientSampleId :
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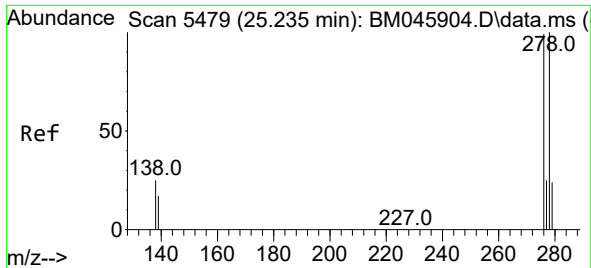
Tgt Ion:252 Resp: 106786
Ion Ratio Lower Upper
252 100
253 25.5 28.8 43.2#
125 14.2 17.3 25.9#



#27
Indeno(1,2,3-cd)pyrene
Concen: 1.237 ng/ul
RT: 25.209 min Scan# 5471
Delta R.T. -0.023 min
Lab File: BM045916.D
Acq: 08 Jun 2024 15:03

Tgt Ion:276 Resp: 98851
Ion Ratio Lower Upper
276 100
138 23.8 20.7 31.1
227 0.0 0.2 0.2#

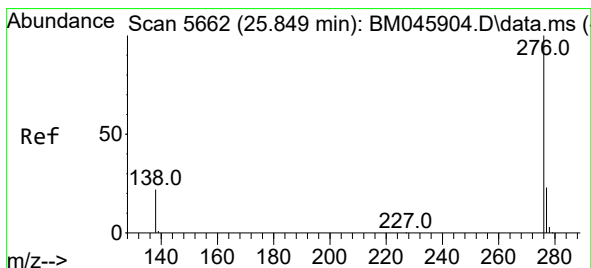
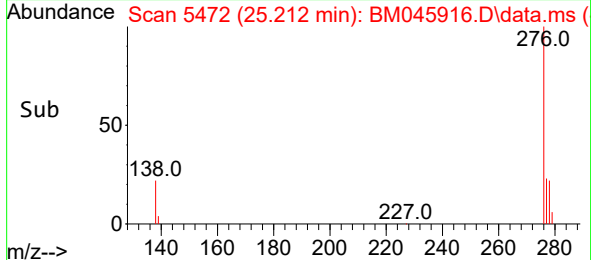
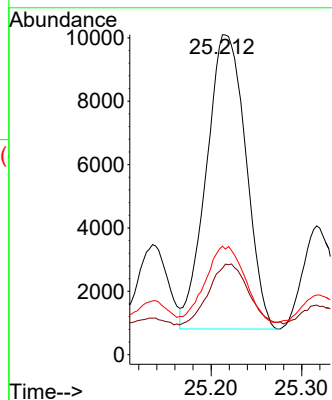
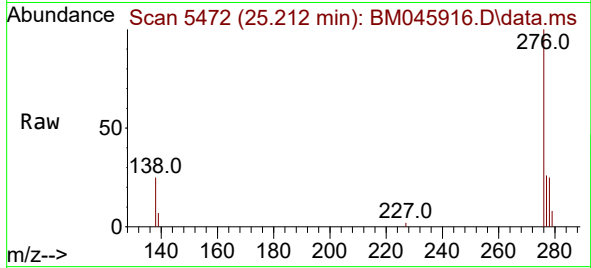




#28
 Dibenzo(a,h)anthracene
 Concen: 0.439 ng/ul
 RT: 25.212 min Scan# 5472
 Delta R.T. -0.036 min
 Lab File: BM045916.D
 Acq: 08 Jun 2024 15:03

Instrument :
 BNA_M
 ClientSampleId :
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Tgt Ion:278 Resp: 28033
 Ion Ratio Lower Upper
 278 100
 139 27.0 16.6 25.0#
 279 33.9 24.6 37.0



#29
 Benzo(g,h,i)perylene
 Concen: 0.243 ng/ul
 RT: 25.846 min Scan# 5661
 Delta R.T. -0.016 min
 Lab File: BM045916.D
 Acq: 08 Jun 2024 15:03

Tgt Ion:276 Resp: 16723
 Ion Ratio Lower Upper
 276 100
 138 32.3 21.0 31.4#
 277 32.2 20.5 30.7#

