

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061824\
 Data File : BM046060.D
 Acq On : 18 Jun 2024 20:39
 Operator : MA/JU
 Sample : P2695-08
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

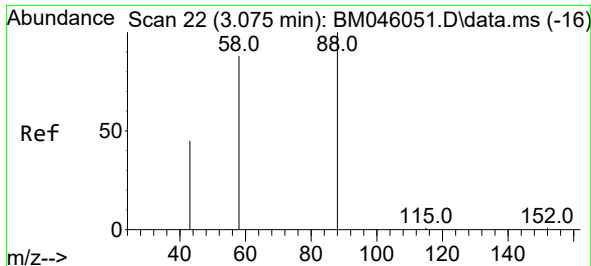
Instrument :
 BNA_M
 ClientSampleId :
 A4BK1

Quant Time: Jun 19 08:23:59 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 18 13:58:29 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.434	152	3190	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.209	136	8990	0.400	ng/ul	#-0.04
9) Acenaphthene-d10	14.084	164	4682	0.400	ng/ul	-0.03
13) Phenanthrene-d10	16.925	188	531506	0.400	ng/ul	# 0.06
17) Chrysene-d12	0.000	240	0	0.000	ng/ul	-21.04
23) Perylene-d12	23.122	264	14191	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.038	96	14451	3.302	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.832	152	2977	0.247	ng/ul	-0.03
18) Fluoranthene-d10	18.857	212	7573	0.000	ng/ul	-0.03
Target Compounds						Qvalue
2) 1,4-Dioxane	3.054	88	117	0.024	ng/ul#	6
5) Naphthalene	10.253	128	1995	0.080	ng/ul#	93
7) 2-Methylnaphthalene	11.909	142	563	0.040	ng/ul	99
8) 1-Methylnaphthalene	12.123	142	415	0.027	ng/ul	97
10) Acenaphthylene	13.802	152	3138	0.141	ng/ul	97
11) Acenaphthene	14.145	153	1844	0.115	ng/ul	97
12) Fluorene	15.135	166	2553	0.148	ng/ul#	98
24) Benzo(b)fluoranthene	22.502	252	185918	3.636	ng/ul	85
25) Benzo(k)fluoranthene	22.502	252	185918	3.059	ng/ul#	83
26) Benzo(a)pyrene	23.025	252	45796	0.967	ng/ul#	80
27) Indeno(1,2,3-cd)pyrene	25.169	276	53439	0.689	ng/ul#	92
28) Dibenzo(a,h)anthracene	25.176	278	16026	0.278	ng/ul#	95
29) Benzo(g,h,i)perylene	25.799	276	8532	0.128	ng/ul#	87

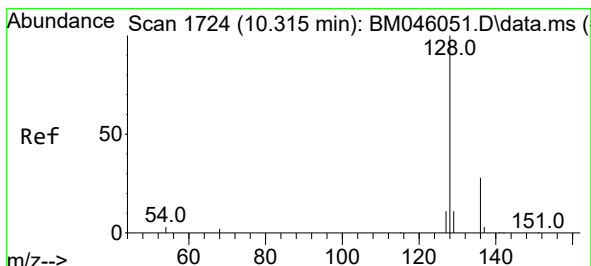
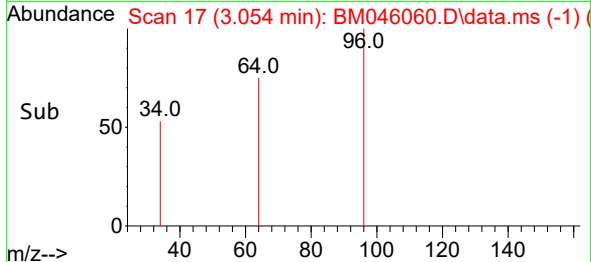
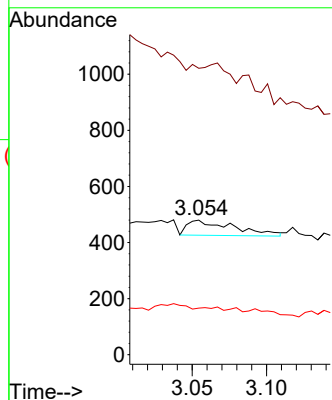
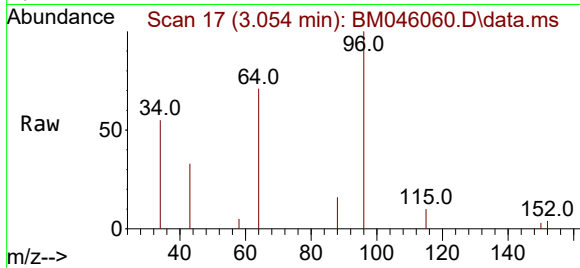
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
1,4-Dioxane
Concen: 0.024 ng/ul
RT: 3.054 min Scan# 11
Delta R.T. -0.021 min
Lab File: BM046060.D
Acq: 18 Jun 2024 20:39

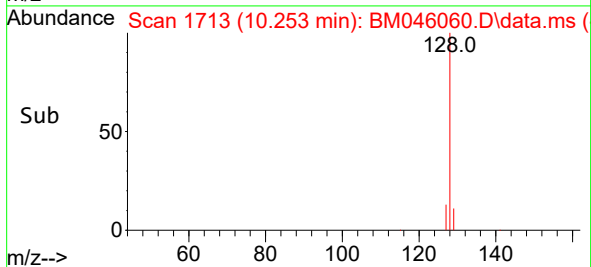
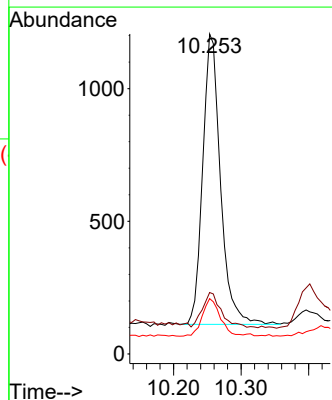
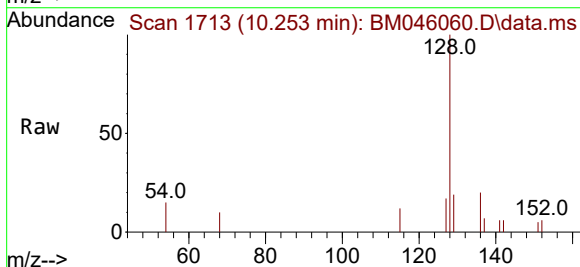
Instrument :
BNA_M
ClientSampleId :
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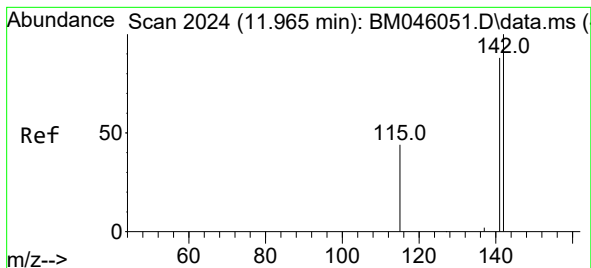
Tgt Ion: 88 Resp: 117
Ion Ratio Lower Upper
88 100
43 212.7 69.8 104.8#
58 34.6 53.2 79.8#



#5
Naphthalene
Concen: 0.080 ng/ul
RT: 10.253 min Scan# 1713
Delta R.T. -0.049 min
Lab File: BM046060.D
Acq: 18 Jun 2024 20:39

Tgt Ion: 128 Resp: 1995
Ion Ratio Lower Upper
128 100
129 19.2 11.8 17.6#
127 17.3 12.8 19.2

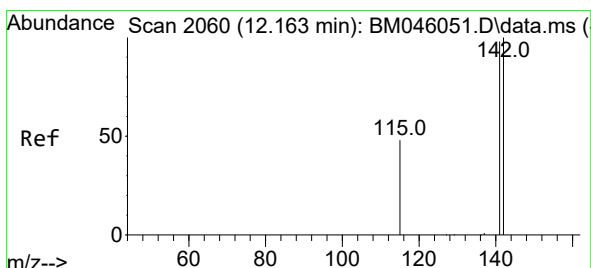
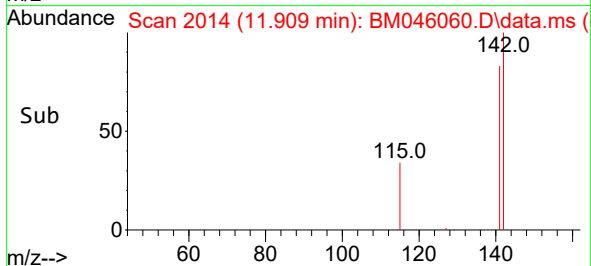
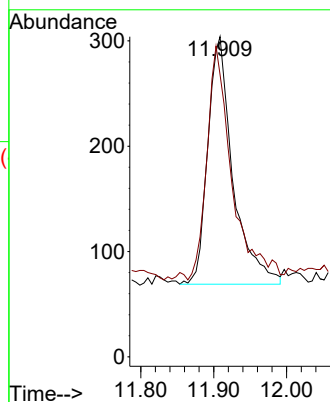
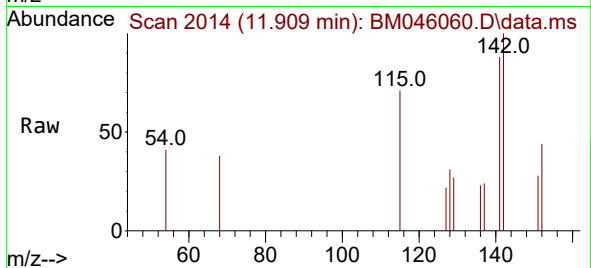




#7
2-Methylnaphthalene
Concen: 0.040 ng/ul
RT: 11.909 min Scan# 2014
Delta R.T. -0.038 min
Lab File: BM046060.D
Acq: 18 Jun 2024 20:39

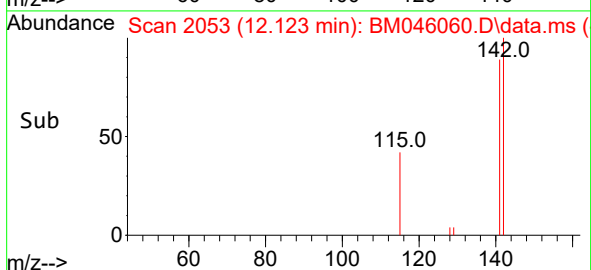
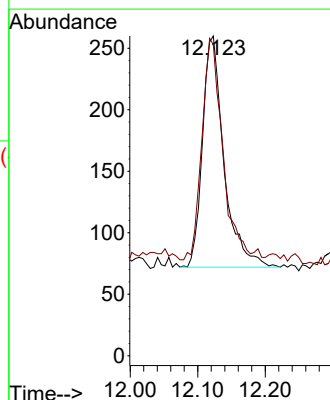
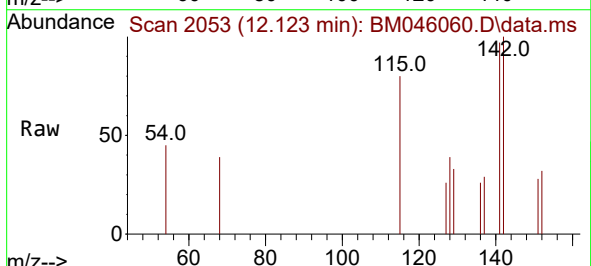
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ClientSampleId :
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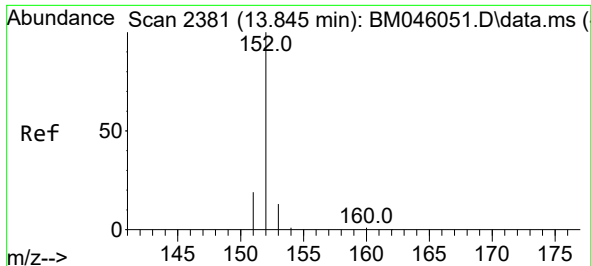
Tgt Ion:142 Resp: 563
Ion Ratio Lower Upper
142 100
141 94.3 74.6 111.8



#8
1-Methylnaphthalene
Concen: 0.027 ng/ul
RT: 12.123 min Scan# 2053
Delta R.T. -0.027 min
Lab File: BM046060.D
Acq: 18 Jun 2024 20:39

Tgt Ion:142 Resp: 415
Ion Ratio Lower Upper
142 100
141 97.3 75.2 112.8

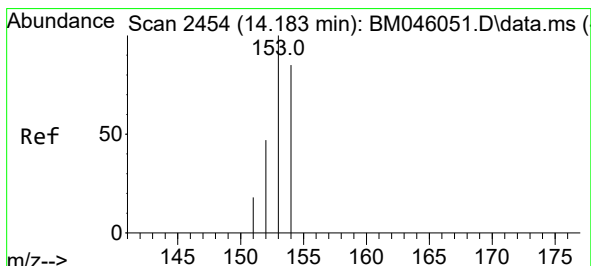
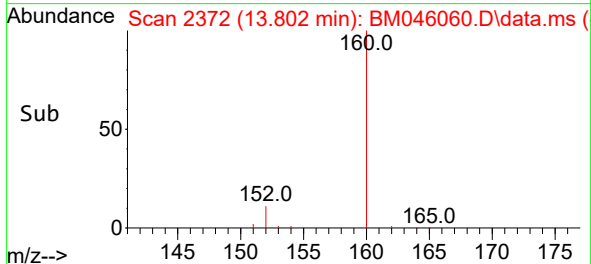
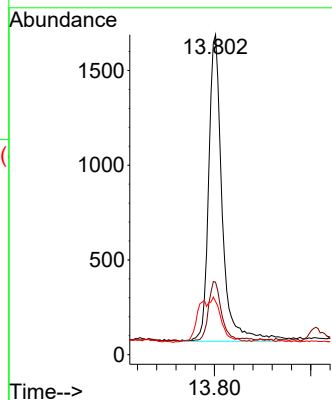
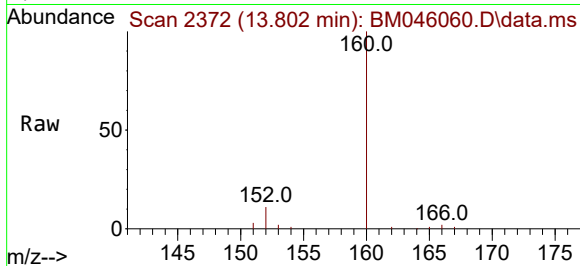




#10
Acenaphthylene
Concen: 0.141 ng/ul
RT: 13.802 min Scan# 2138
Delta R.T. -0.032 min
Lab File: BM046060.D
Acq: 18 Jun 2024 20:39

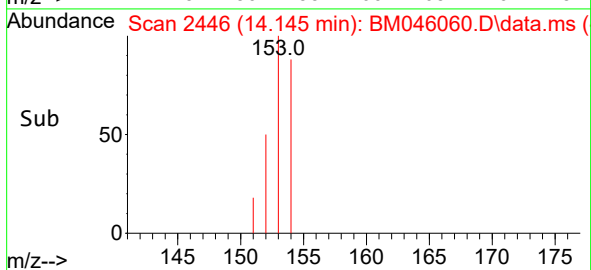
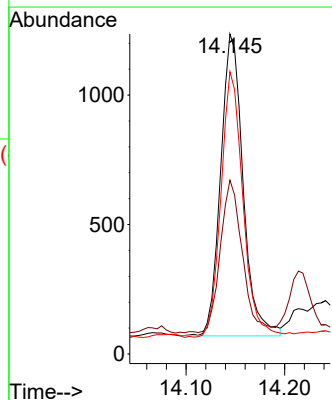
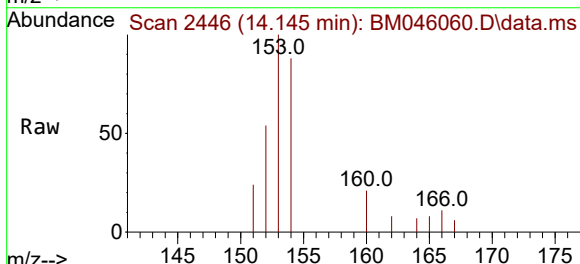
Instrument :
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ClientSampleId :
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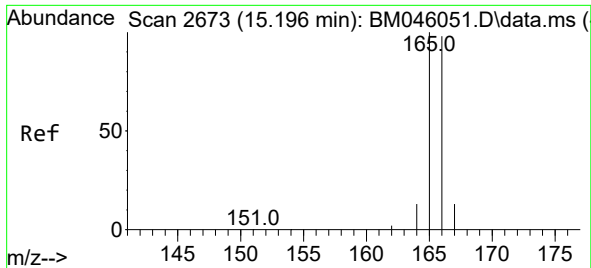
Tgt Ion	Ratio	Lower	Upper
152	100		
151	22.6	17.4	26.2
153	16.6	11.8	17.8



#11
Acenaphthene
Concen: 0.115 ng/ul
RT: 14.145 min Scan# 2446
Delta R.T. -0.028 min
Lab File: BM046060.D
Acq: 18 Jun 2024 20:39

Tgt Ion	Ratio	Lower	Upper
153	100		
152	54.3	41.3	61.9
154	88.2	68.2	102.4

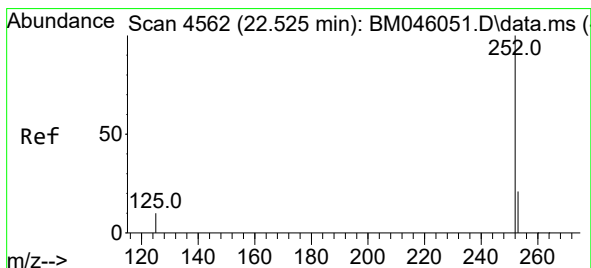
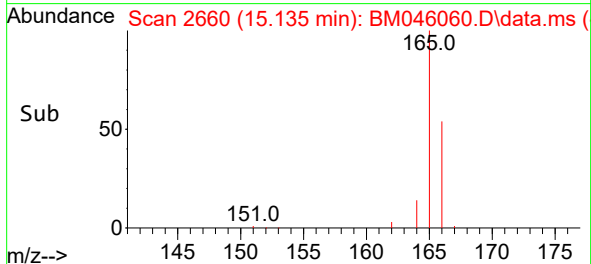
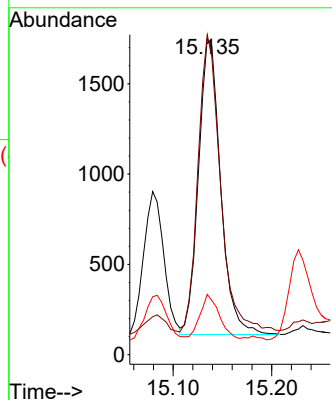
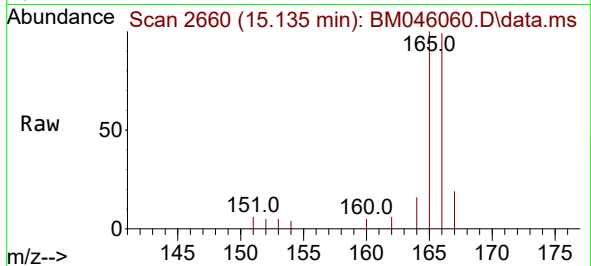




#12
Fluorene
Concen: 0.148 ng/ul
RT: 15.135 min Scan# 2
Delta R.T. -0.046 min
Lab File: BM046060.D
Acq: 18 Jun 2024 20:39

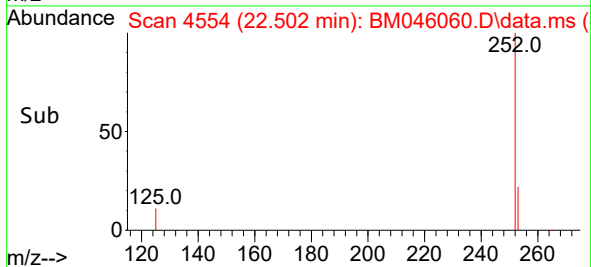
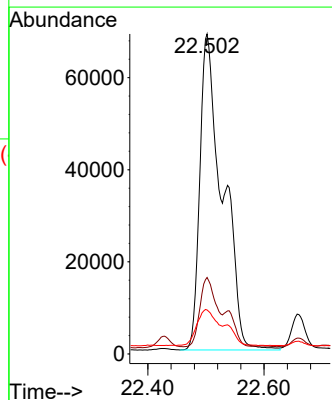
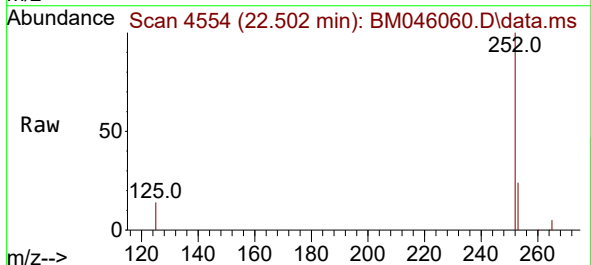
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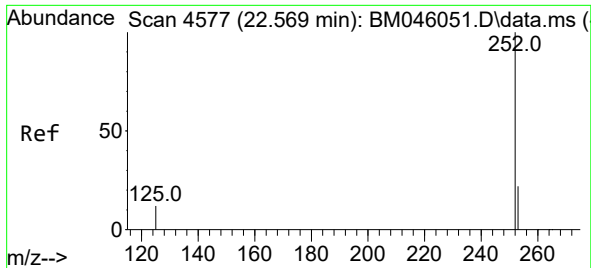
Tgt Ion:166 Resp: 2553
Ion Ratio Lower Upper
166 100
165 101.3 80.4 120.6
167 19.1 12.4 18.6#



#24
Benzo(b)fluoranthene
Concen: 3.636 ng/ul
RT: 22.502 min Scan# 4554
Delta R.T. -0.017 min
Lab File: BM046060.D
Acq: 18 Jun 2024 20:39

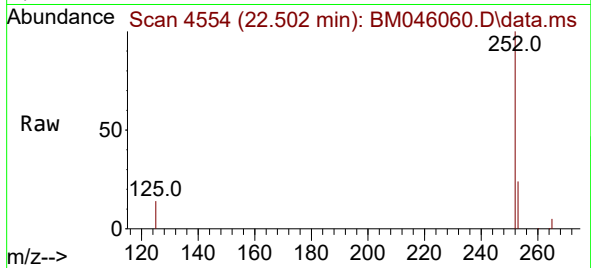
Tgt Ion:252 Resp: 185918
Ion Ratio Lower Upper
252 100
253 23.9 0.0 65.8
125 13.8 0.0 40.2



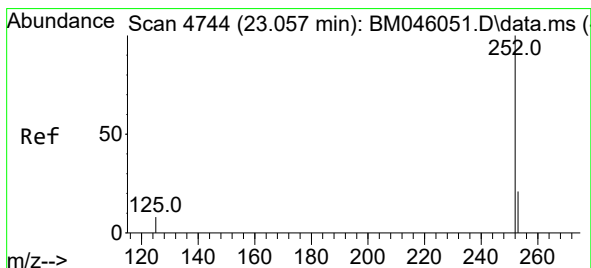
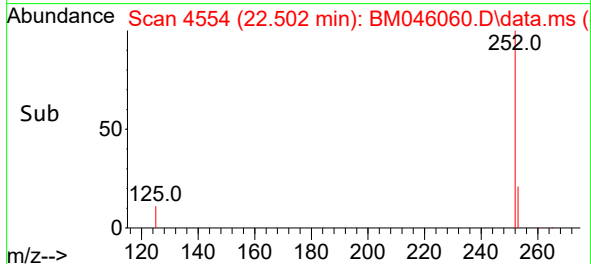
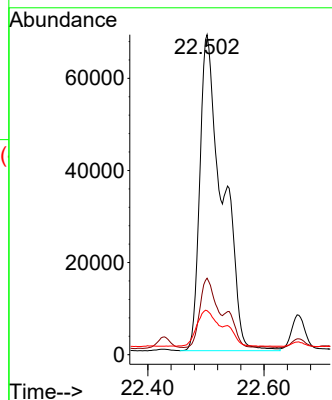


#25
Benzo(k)fluoranthene
Concen: 3.059 ng/ul
RT: 22.502 min Scan# 41
Delta R.T. -0.061 min
Lab File: BM046060.D
Acq: 18 Jun 2024 20:39

Instrument :
BNA_M
ClientSampleId :
A4BK1

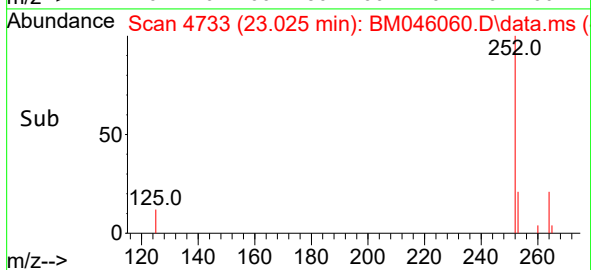
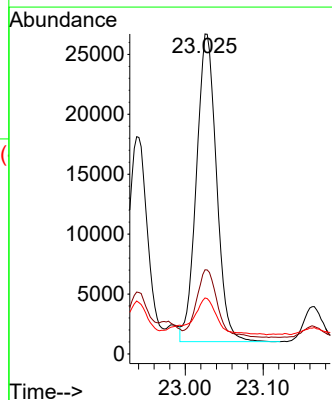
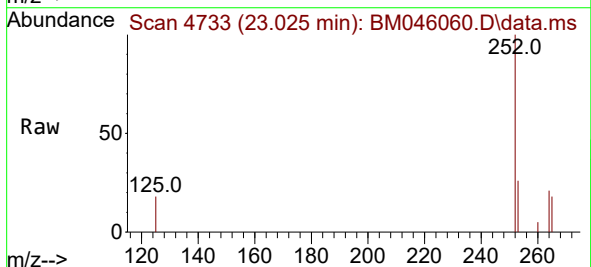


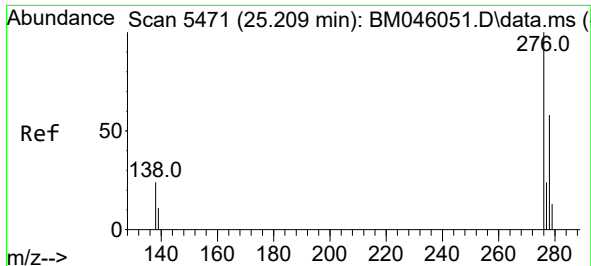
Tgt Ion:252 Resp: 185918
Ion Ratio Lower Upper
252 100
253 23.9 27.2 40.8#
125 13.8 16.6 25.0#



#26
Benzo(a)pyrene
Concen: 0.967 ng/ul
RT: 23.025 min Scan# 4733
Delta R.T. -0.029 min
Lab File: BM046060.D
Acq: 18 Jun 2024 20:39

Tgt Ion:252 Resp: 45796
Ion Ratio Lower Upper
252 100
253 26.3 32.1 48.1#
125 17.5 21.2 31.8#

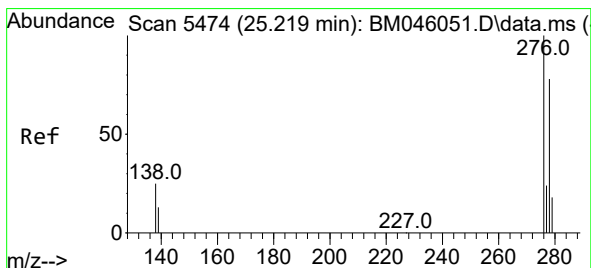
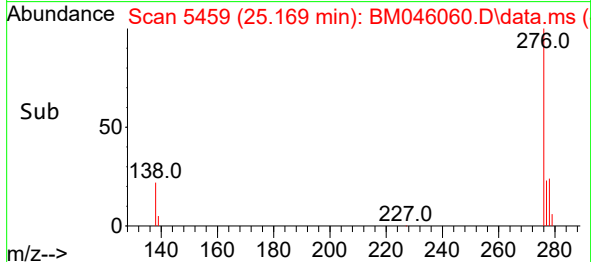
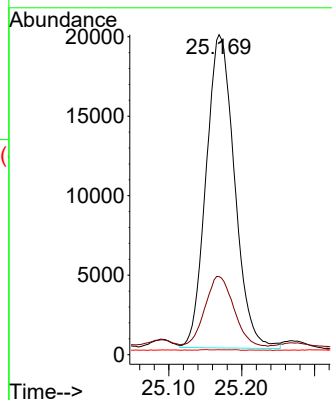
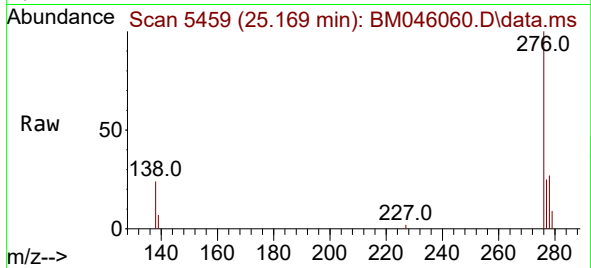




#27
 Indeno(1,2,3-cd)pyrene
 Concen: 0.689 ng/ul
 RT: 25.169 min Scan# 5461
 Delta R.T. -0.033 min
 Lab File: BM046060.D
 Acq: 18 Jun 2024 20:39

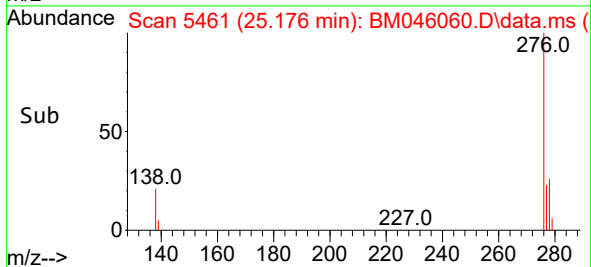
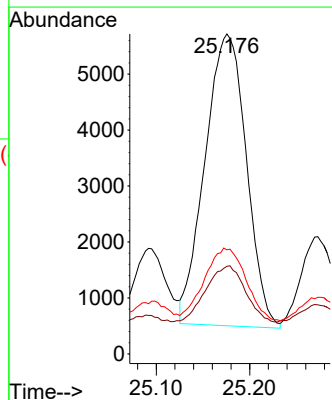
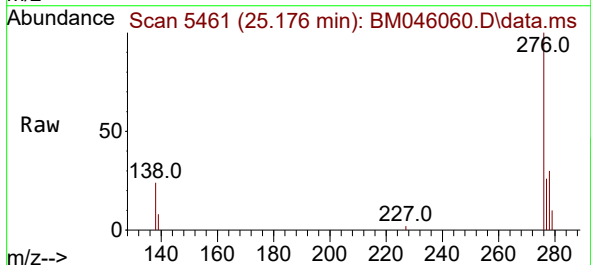
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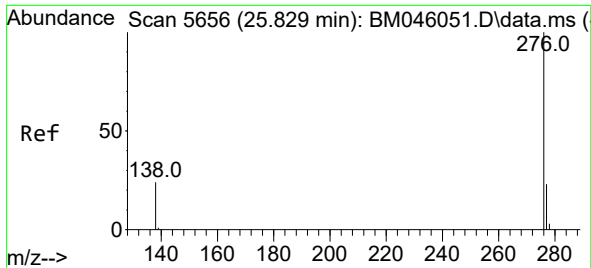
Tgt Ion:276 Resp: 53439
 Ion Ratio Lower Upper
 276 100
 138 22.3 21.0 31.4
 227 0.1 0.0 0.0#



#28
 Dibenzo(a,h)anthracene
 Concen: 0.278 ng/ul
 RT: 25.176 min Scan# 5461
 Delta R.T. -0.040 min
 Lab File: BM046060.D
 Acq: 18 Jun 2024 20:39

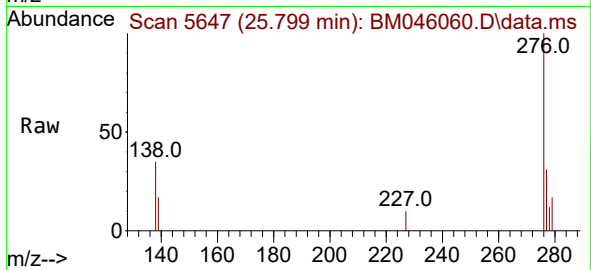
Tgt Ion:278 Resp: 16026
 Ion Ratio Lower Upper
 278 100
 139 27.4 17.6 26.4#
 279 32.6 26.3 39.5





#29
Benzo(g,h,i)perylene
Concen: 0.128 ng/ul
RT: 25.799 min Scan# 50
Delta R.T. -0.030 min
Lab File: BM046060.D
Acq: 18 Jun 2024 20:39

Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:276 Resp: 8532
Ion Ratio Lower Upper
276 100
138 34.8 21.7 32.5#
277 30.6 20.4 30.6#

