

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061824\
 Data File : BM046069.D
 Acq On : 19 Jun 2024 02:42
 Operator : MA/JU
 Sample : P2695-26MS
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4BN3MS

Quant Time: Jun 19 08:25:31 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

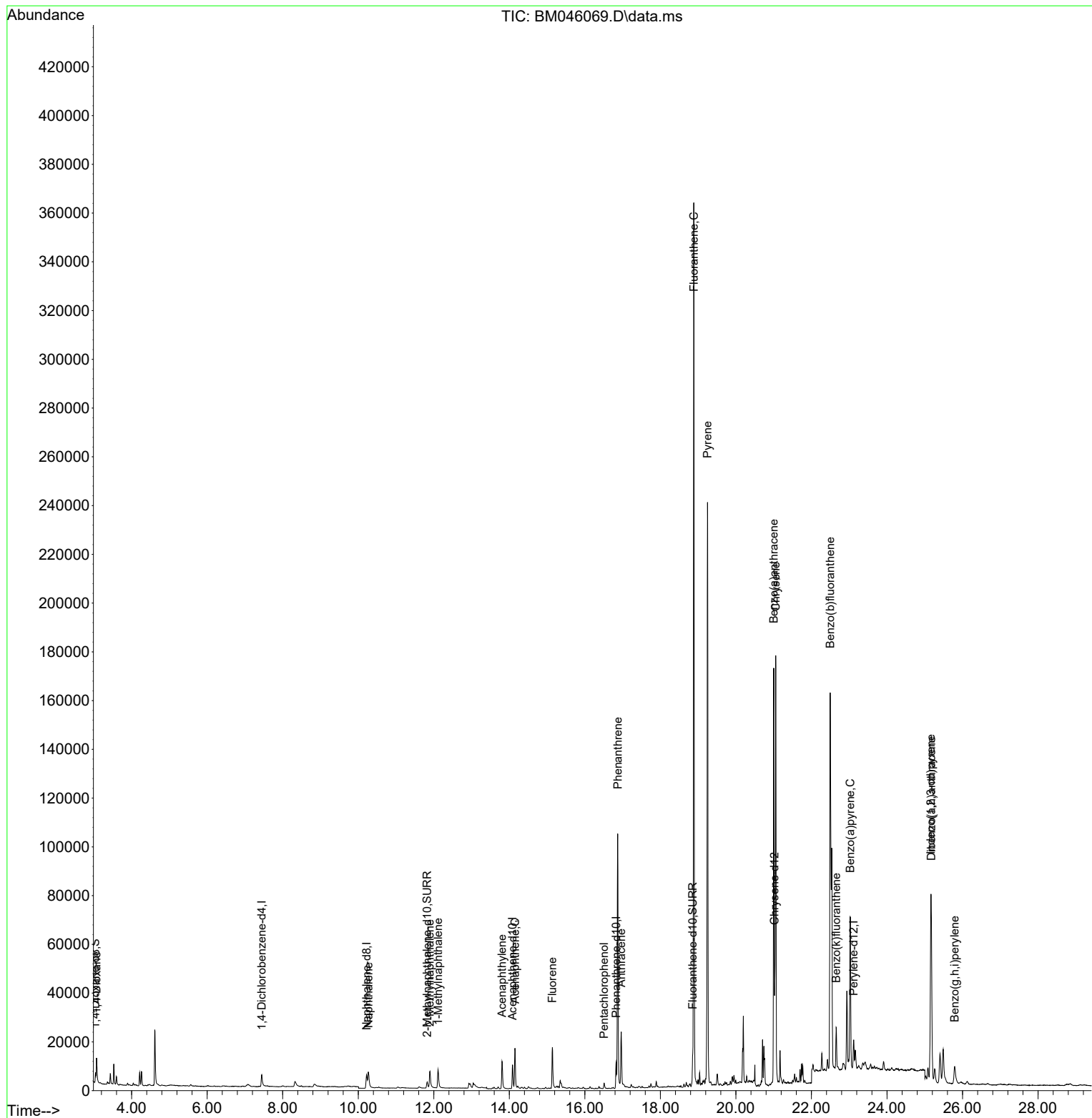
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.442	152	3999	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.220	136	11538	0.400	ng/ul	-0.03
9) Acenaphthene-d10	14.084	164	6436	0.400	ng/ul	-0.03
13) Phenanthrene-d10	16.828	188	13921	0.400	ng/ul	-0.03
17) Chrysene-d12	21.018	240	11655	0.400	ng/ul	-0.03
23) Perylene-d12	23.119	264	15357	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.042	96	2533	0.462	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.826	152	5094	0.329	ng/ul	-0.04
18) Fluoranthene-d10	18.857	212	13110	0.376	ng/ul	-0.03
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.071	88	6673	1.084	ng/ul#	78
5) Naphthalene	10.270	128	13680	0.425	ng/ul	95
7) 2-Methylnaphthalene	11.898	142	7295	0.403	ng/ul	98
8) 1-Methylnaphthalene	12.112	142	7122	0.358	ng/ul	100
10) Acenaphthylene	13.807	152	16887	0.553	ng/ul	98
11) Acenaphthene	14.149	153	11268	0.511	ng/ul	98
12) Fluorene	15.139	166	12906	0.546	ng/ul	98
14) Pentachlorophenol	16.511	266	1841	0.441	ng/ul	97
15) Phenanthrene	16.870	178	116552	2.980	ng/ul	96
16) Anthracene	16.963	178	29337	1.007	ng/ul	97
19) Fluoranthene	18.885	202	301609	5.977	ng/ul	98
20) Pyrene	19.247	202	211897	3.883	ng/ul	98
21) Benzo(a)anthracene	21.000	228	141010	3.132	ng/ul	99
22) Chrysene	21.053	228	161043	2.803	ng/ul	99
24) Benzo(b)fluoranthene	22.496	252	327080	5.912	ng/ul	83
25) Benzo(k)fluoranthene	22.657	252	18137	0.276	ng/ul	95
26) Benzo(a)pyrene	23.028	252	80183	1.564	ng/ul#	75
27) Indeno(1,2,3-cd)pyrene	25.162	276	95175	1.134	ng/ul#	96
28) Dibenzo(a,h)anthracene	25.172	278	43802	0.701	ng/ul	92
29) Benzo(g,h,i)perylene	25.789	276	14053	0.195	ng/ul	93

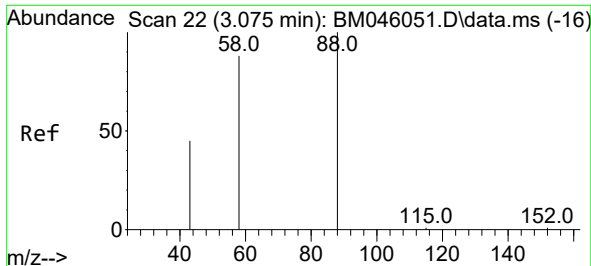
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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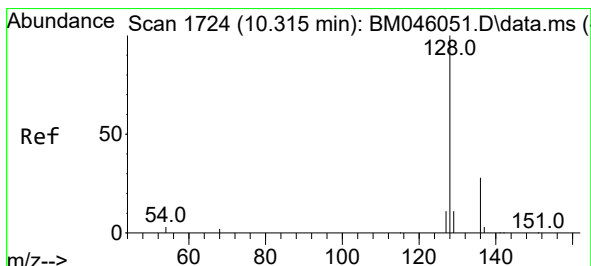
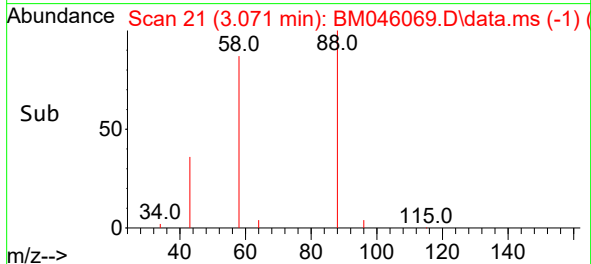
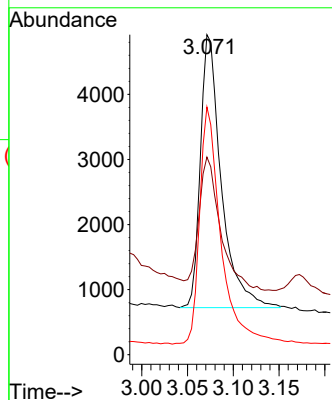
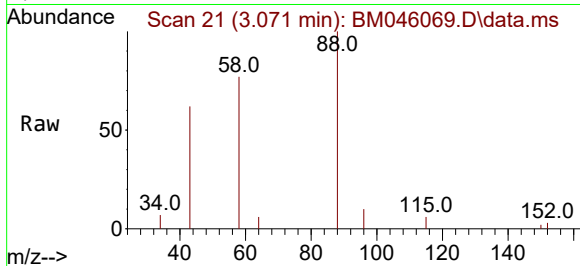




#2
1,4-Dioxane
Concen: 1.084 ng/ul
RT: 3.071 min Scan# 21
Delta R.T. -0.004 min
Lab File: BM046069.D
Acq: 19 Jun 2024 02:42

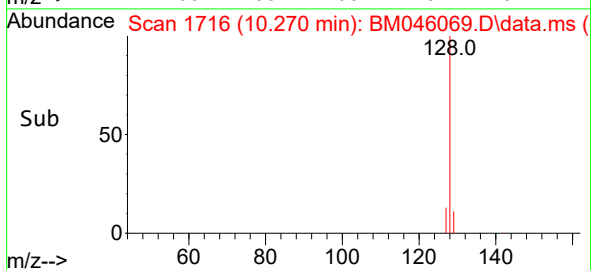
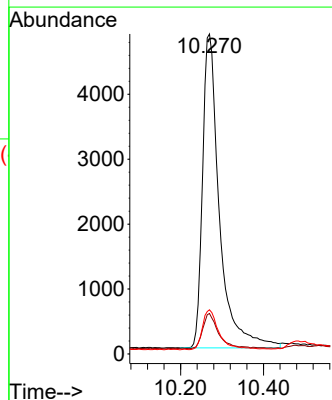
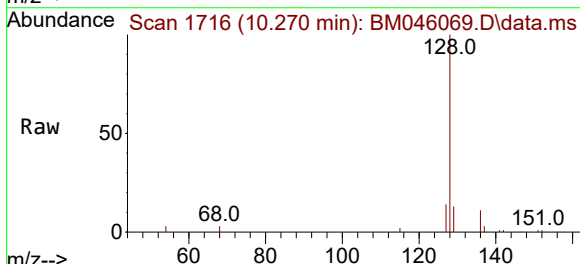
Instrument :
BNA_M
ClientSampleId :
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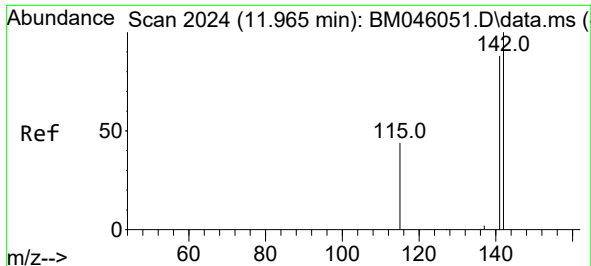
Tgt Ion: 88 Resp: 6673
Ion Ratio Lower Upper
88 100
43 61.7 69.8 104.8#
58 77.4 53.2 79.8



#5
Naphthalene
Concen: 0.425 ng/ul
RT: 10.270 min Scan# 1716
Delta R.T. -0.033 min
Lab File: BM046069.D
Acq: 19 Jun 2024 02:42

Tgt Ion: 128 Resp: 13680
Ion Ratio Lower Upper
128 100
129 12.6 11.8 17.6
127 13.8 12.8 19.2

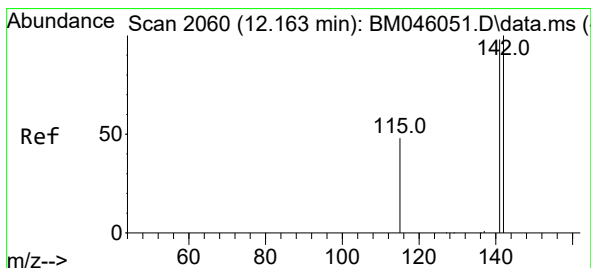
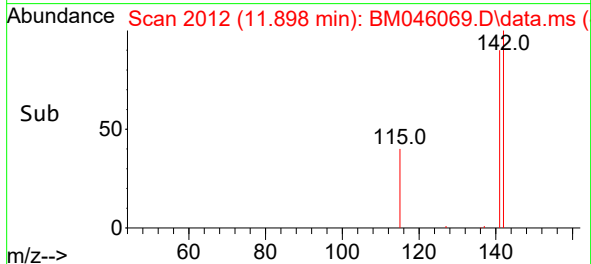
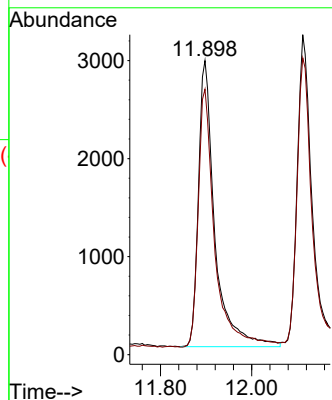
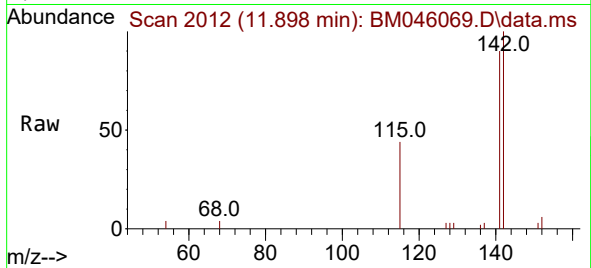




#7
2-Methylnaphthalene
Concen: 0.403 ng/ul
RT: 11.898 min Scan# 2012
Delta R.T. -0.050 min
Lab File: BM046069.D
Acq: 19 Jun 2024 02:42

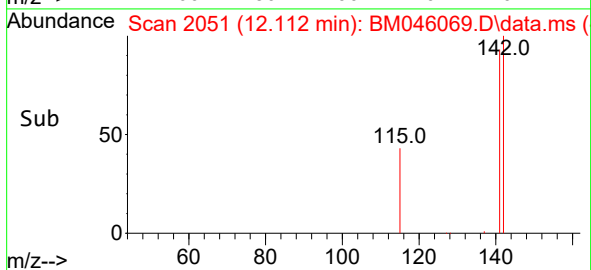
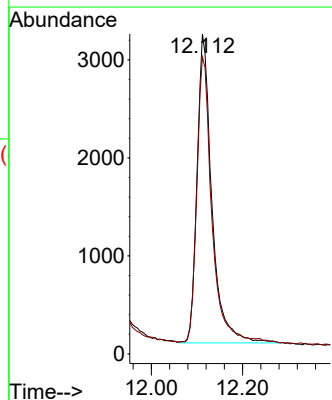
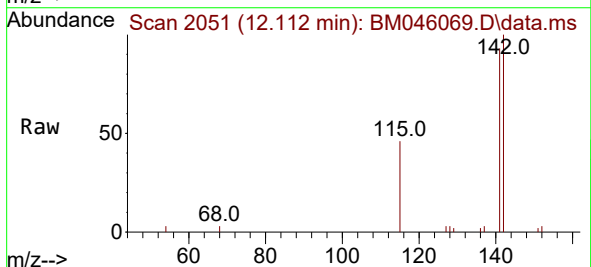
Instrument :
BNA_M
ClientSampleId :
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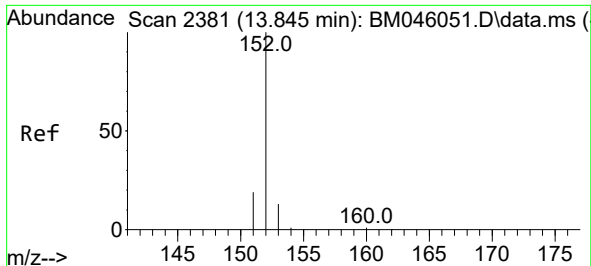
Tgt Ion:142 Resp: 7295
Ion Ratio Lower Upper
142 100
141 91.2 74.6 111.8



#8
1-Methylnaphthalene
Concen: 0.358 ng/ul
RT: 12.112 min Scan# 2051
Delta R.T. -0.039 min
Lab File: BM046069.D
Acq: 19 Jun 2024 02:42

Tgt Ion:142 Resp: 7122
Ion Ratio Lower Upper
142 100
141 94.0 75.2 112.8

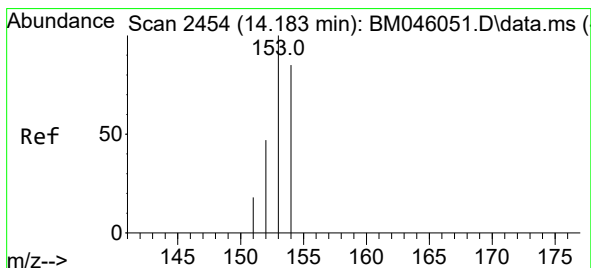
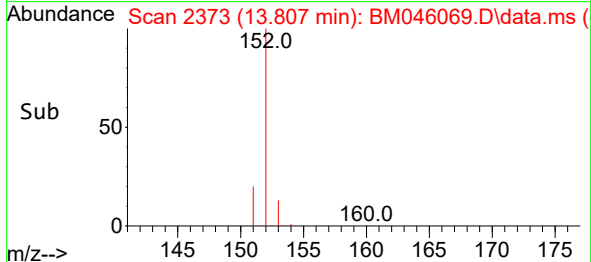
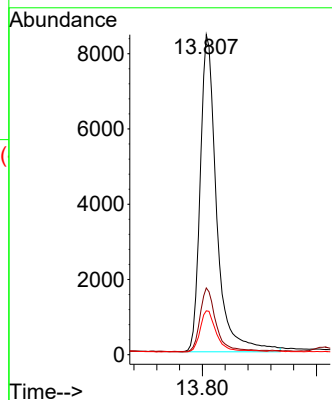
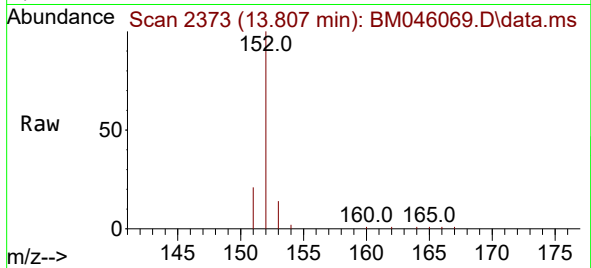




#10
Acenaphthylene
Concen: 0.553 ng/ul
RT: 13.807 min Scan# 21
Delta R.T. -0.028 min
Lab File: BM046069.D
Acq: 19 Jun 2024 02:42

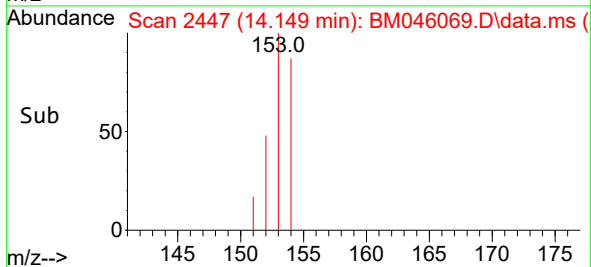
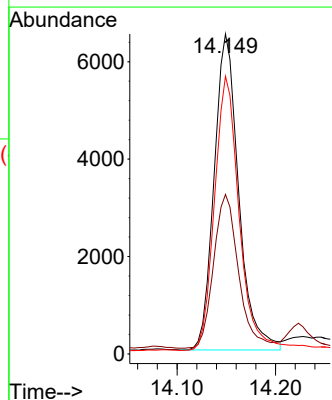
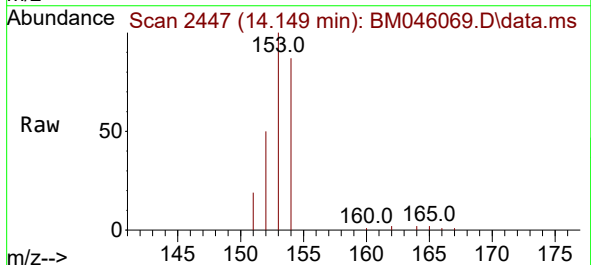
Instrument :
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ClientSampleId :
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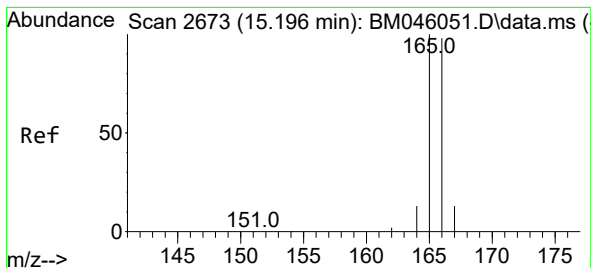
Tgt Ion:	152	Resp:	16887
Ion	Ratio	Lower	Upper
152	100		
151	20.8	17.4	26.2
153	13.7	11.8	17.8



#11
Acenaphthene
Concen: 0.511 ng/ul
RT: 14.149 min Scan# 2447
Delta R.T. -0.023 min
Lab File: BM046069.D
Acq: 19 Jun 2024 02:42

Tgt Ion:	153	Resp:	11268
Ion	Ratio	Lower	Upper
153	100		
152	49.8	41.3	61.9
154	86.8	68.2	102.4





#12

Fluorene

Concen: 0.546 ng/ul

RT: 15.139 min Scan# 2

Delta R.T. -0.042 min

Lab File: BM046069.D

Acq: 19 Jun 2024 02:42

Instrument :

BNA_M

ClientSampleId :

A4BN3MS

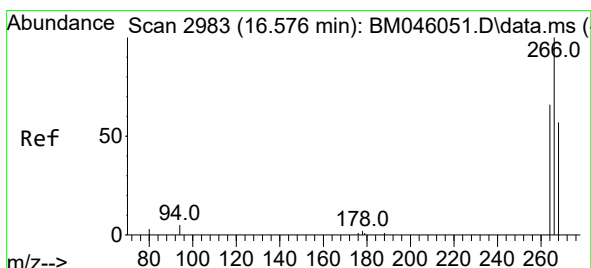
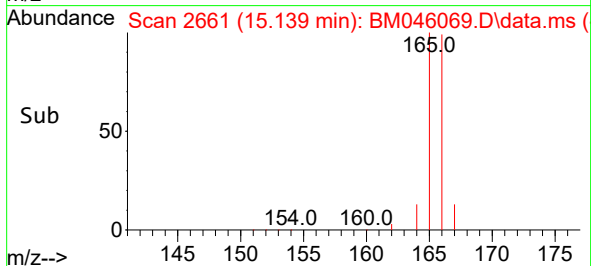
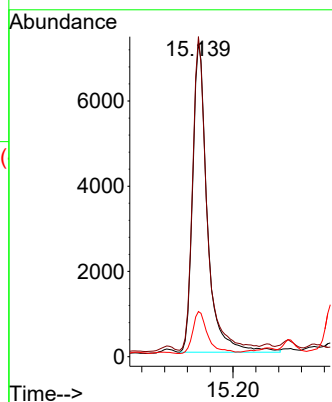
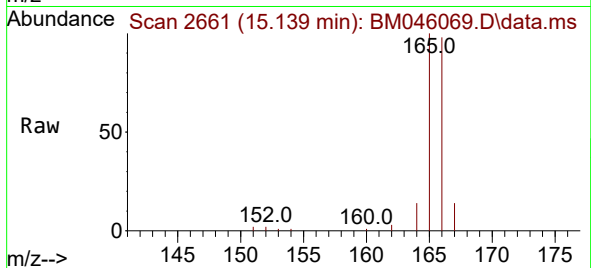
Tgt Ion:166 Resp: 12906

Ion Ratio Lower Upper

166 100

165 102.0 80.4 120.6

167 14.4 12.4 18.6



#14

Pentachlorophenol

Concen: 0.441 ng/ul

RT: 16.511 min Scan# 2968

Delta R.T. -0.055 min

Lab File: BM046069.D

Acq: 19 Jun 2024 02:42

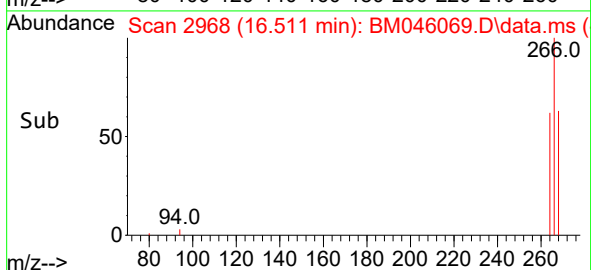
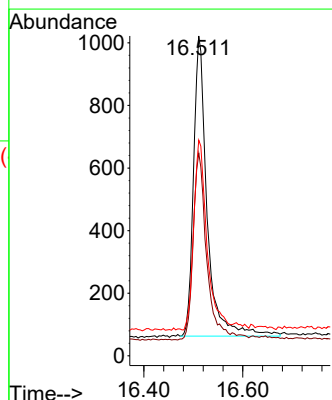
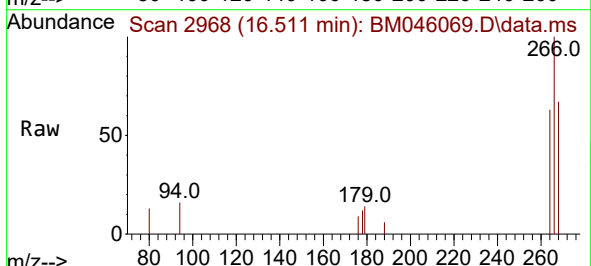
Tgt Ion:266 Resp: 1841

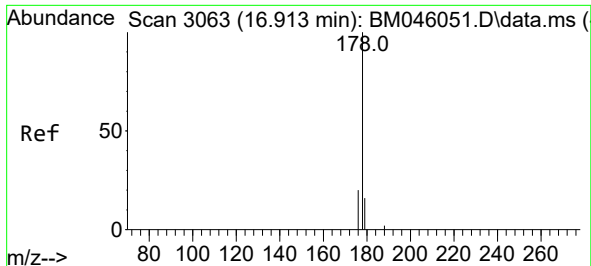
Ion Ratio Lower Upper

266 100

264 61.7 50.9 76.3

268 63.4 52.3 78.5

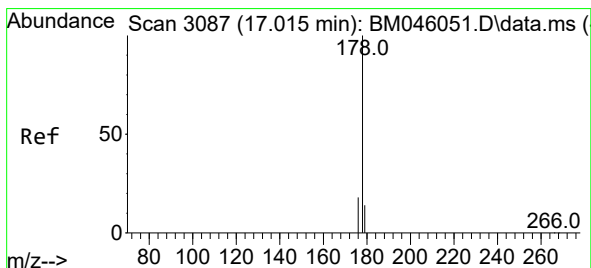
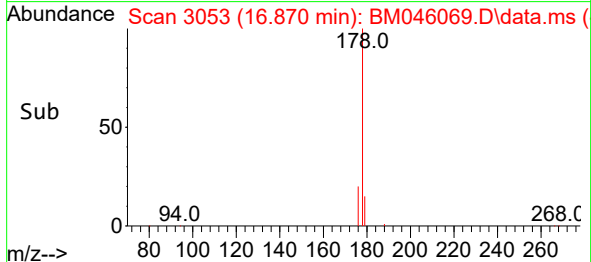
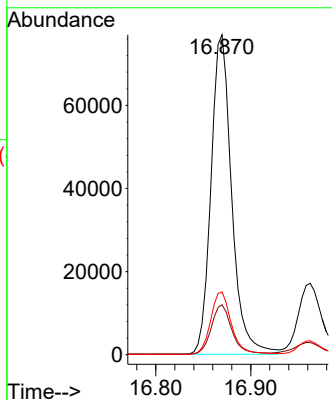
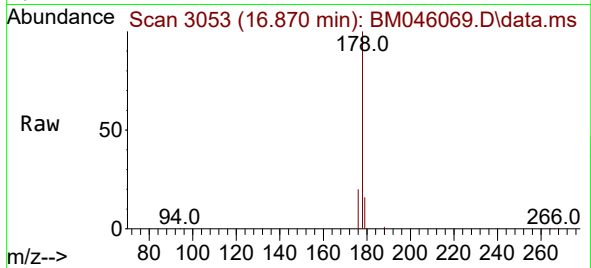




#15
Phenanthrene
Concen: 2.980 ng/ul
RT: 16.870 min Scan# 3053
Delta R.T. -0.034 min
Lab File: BM046069.D
Acq: 19 Jun 2024 02:42

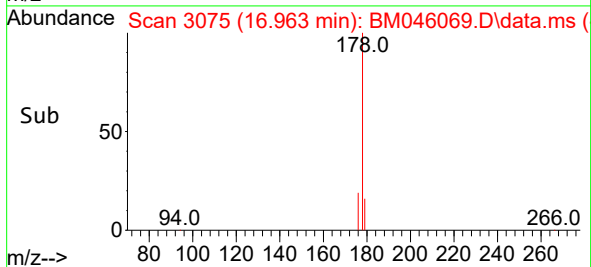
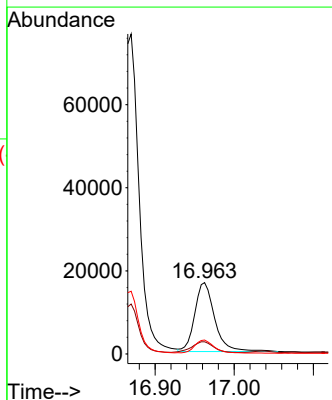
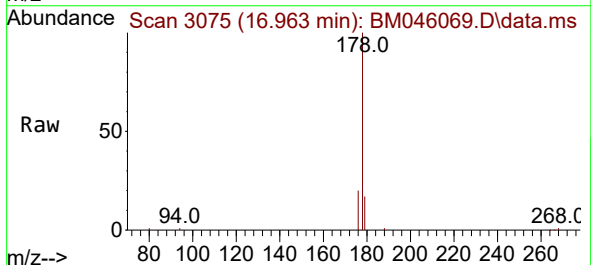
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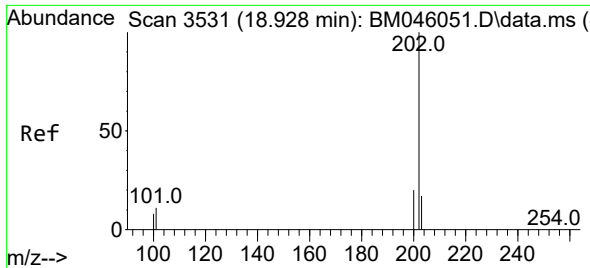
Tgt Ion:178 Resp: 116552
Ion Ratio Lower Upper
178 100
179 15.6 14.2 21.2
176 19.6 17.1 25.7



#16
Anthracene
Concen: 1.007 ng/ul
RT: 16.963 min Scan# 3075
Delta R.T. -0.042 min
Lab File: BM046069.D
Acq: 19 Jun 2024 02:42

Tgt Ion:178 Resp: 29337
Ion Ratio Lower Upper
178 100
179 17.1 14.9 22.3
176 19.5 17.0 25.4

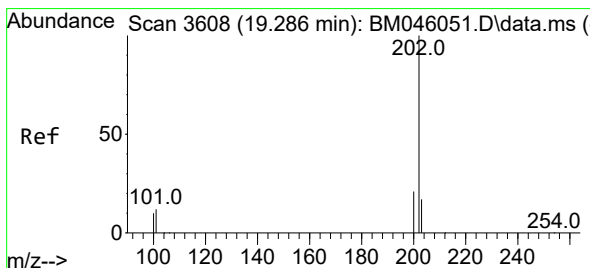
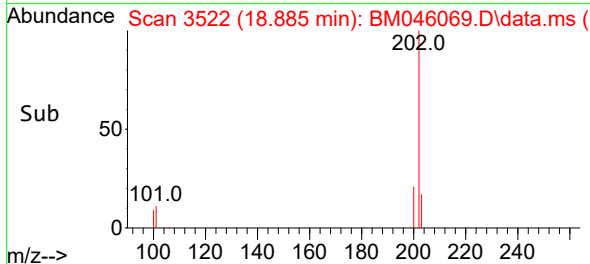
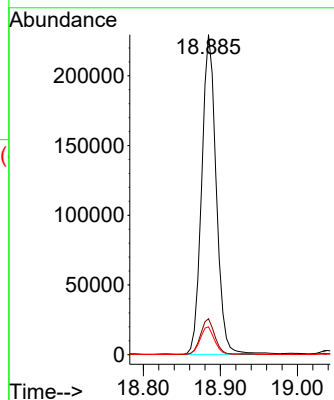
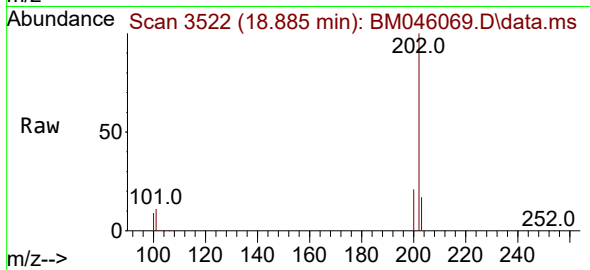




#19
Fluoranthene
Concen: 5.977 ng/ul
RT: 18.885 min Scan# 31
Delta R.T. -0.033 min
Lab File: BM046069.D
Acq: 19 Jun 2024 02:42

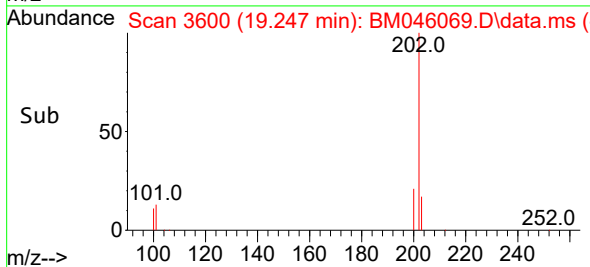
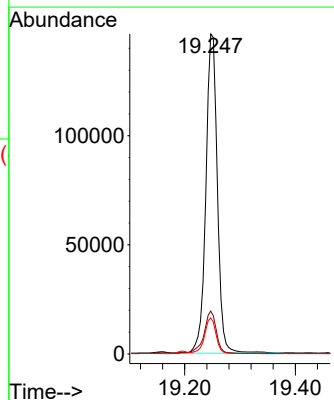
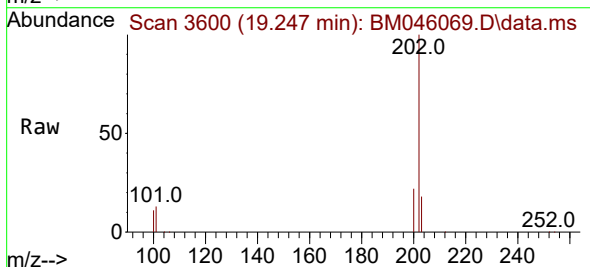
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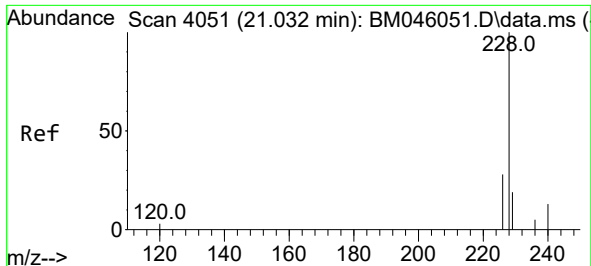
Tgt Ion:202 Resp: 301609
Ion Ratio Lower Upper
202 100
101 11.3 9.6 14.4
100 8.7 7.6 11.4



#20
Pyrene
Concen: 3.883 ng/ul
RT: 19.247 min Scan# 3600
Delta R.T. -0.028 min
Lab File: BM046069.D
Acq: 19 Jun 2024 02:42

Tgt Ion:202 Resp: 211897
Ion Ratio Lower Upper
202 100
101 13.4 11.3 16.9
100 11.2 9.8 14.6

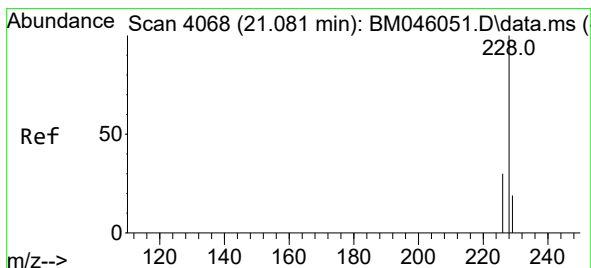
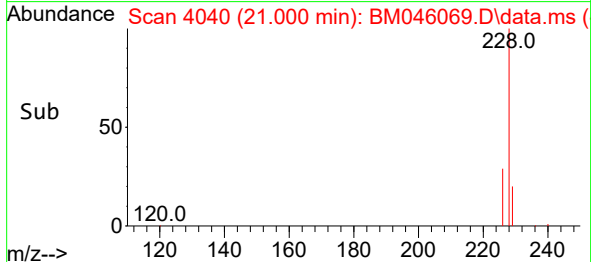
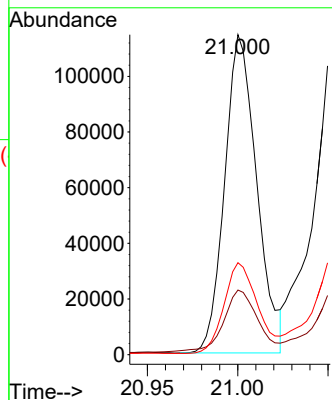
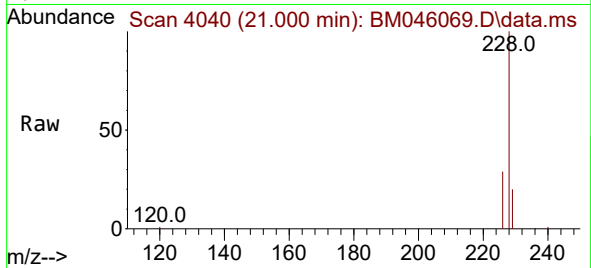




#21
Benzo(a)anthracene
Concen: 3.132 ng/ul
RT: 21.000 min Scan# 4051
Delta R.T. -0.029 min
Lab File: BM046069.D
Acq: 19 Jun 2024 02:42

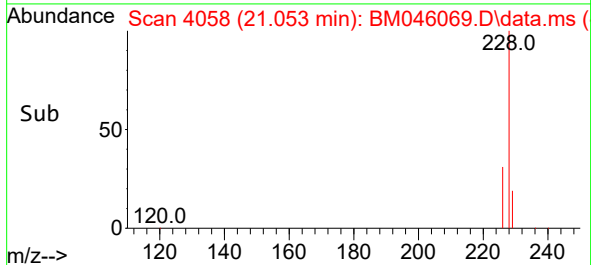
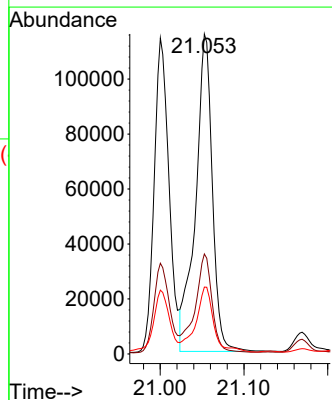
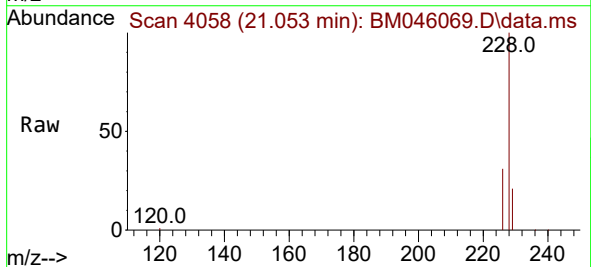
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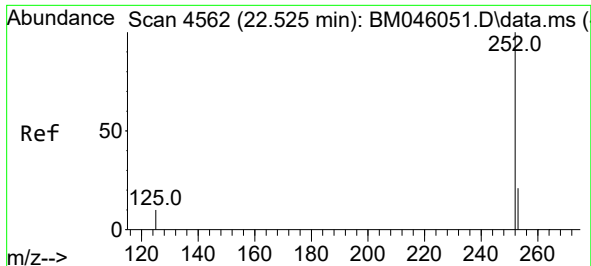
Tgt Ion:228 Resp: 141010
Ion Ratio Lower Upper
228 100
229 20.2 16.4 24.6
226 28.7 23.4 35.2



#22
Chrysene
Concen: 2.803 ng/ul
RT: 21.053 min Scan# 4058
Delta R.T. -0.023 min
Lab File: BM046069.D
Acq: 19 Jun 2024 02:42

Tgt Ion:228 Resp: 161043
Ion Ratio Lower Upper
228 100
226 31.3 25.2 37.8
229 20.9 16.3 24.5

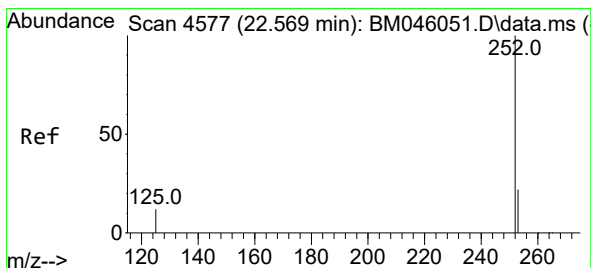
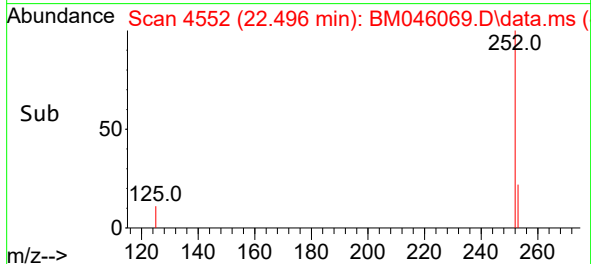
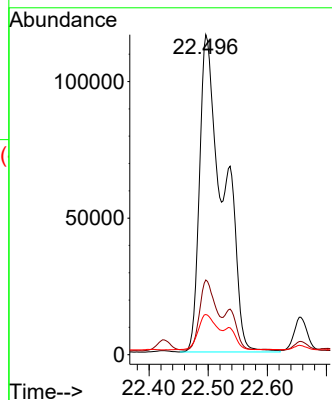
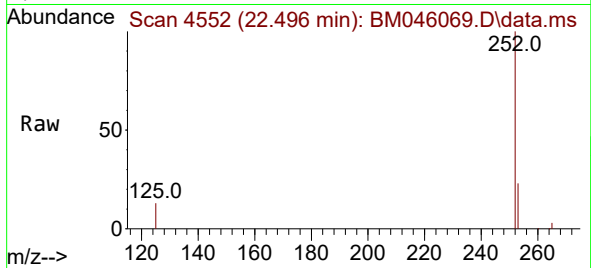




#24
Benzo(b)fluoranthene
Concen: 5.912 ng/ul
RT: 22.496 min Scan# 41
Delta R.T. -0.023 min
Lab File: BM046069.D
Acq: 19 Jun 2024 02:42

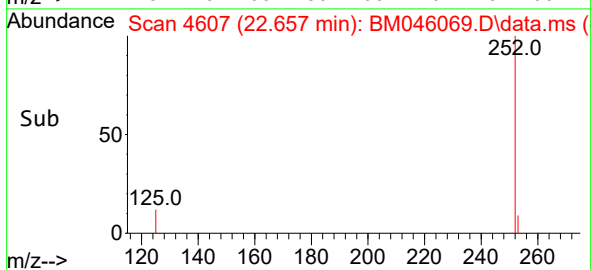
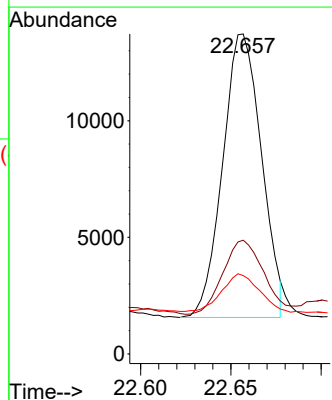
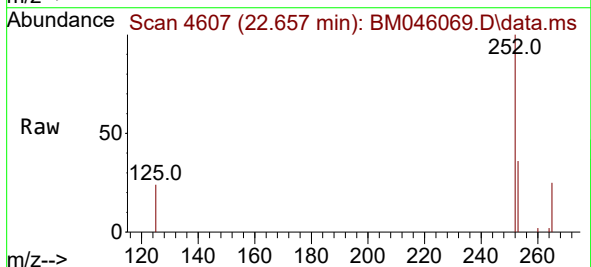
Instrument :
BNA_M
ClientSampleId :
A4BN3MS

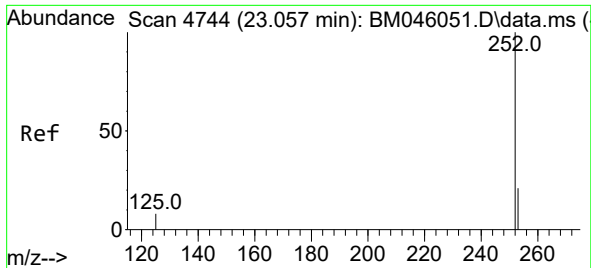
Tgt Ion:252 Resp: 327080
Ion Ratio Lower Upper
252 100
253 23.4 0.0 65.8
125 12.6 0.0 40.2



#25
Benzo(k)fluoranthene
Concen: 0.276 ng/ul
RT: 22.657 min Scan# 4607
Delta R.T. 0.094 min
Lab File: BM046069.D
Acq: 19 Jun 2024 02:42

Tgt Ion:252 Resp: 18137
Ion Ratio Lower Upper
252 100
253 35.5 27.2 40.8
125 24.5 16.6 25.0

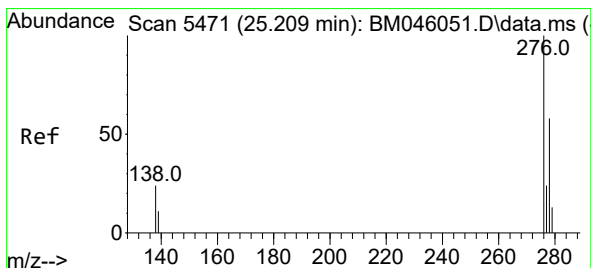
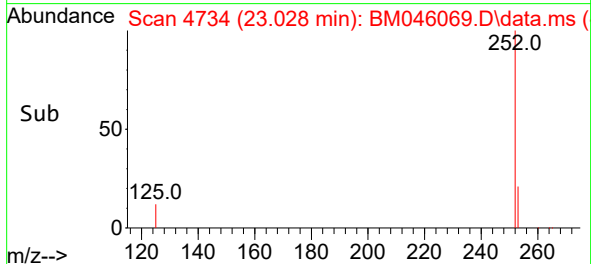
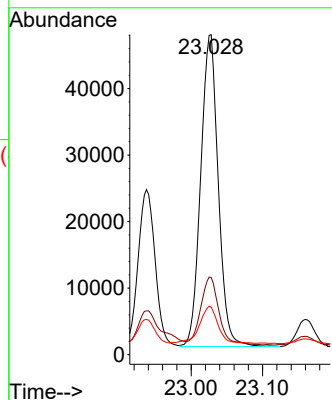
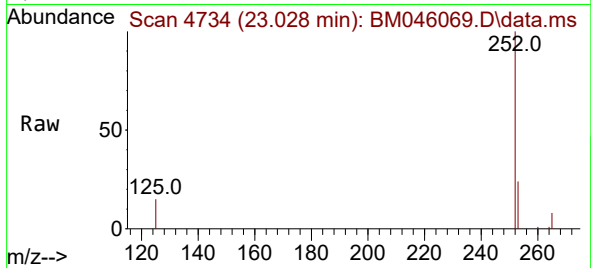




#26
Benzo(a)pyrene
Concen: 1.564 ng/ul
RT: 23.028 min Scan# 41
Delta R.T. -0.026 min
Lab File: BM046069.D
Acq: 19 Jun 2024 02:42

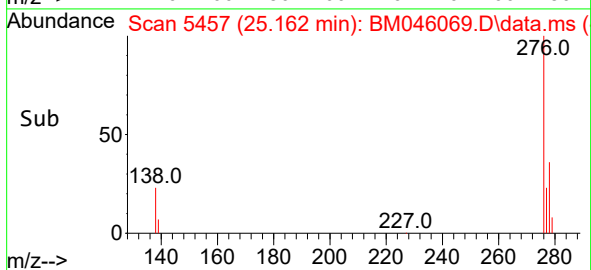
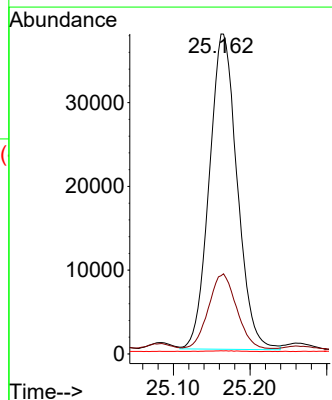
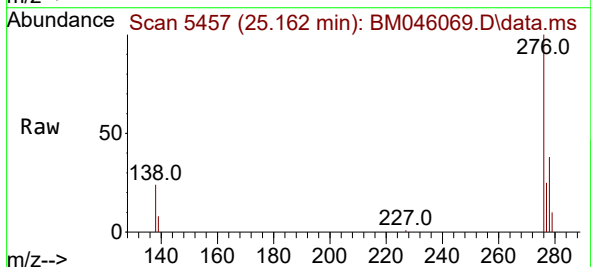
Instrument :
BNA_M
ClientSampleId :
A4BN3MS

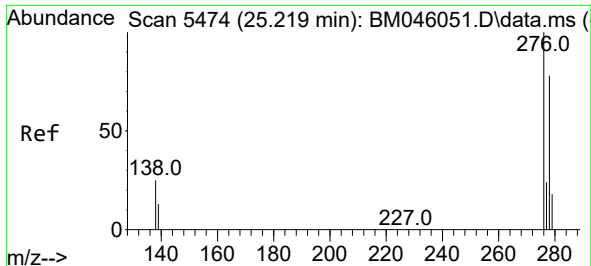
Tgt Ion:252 Resp: 80183
Ion Ratio Lower Upper
252 100
253 24.1 32.1 48.1#
125 14.8 21.2 31.8#



#27
Indeno(1,2,3-cd)pyrene
Concen: 1.134 ng/ul
RT: 25.162 min Scan# 5457
Delta R.T. -0.040 min
Lab File: BM046069.D
Acq: 19 Jun 2024 02:42

Tgt Ion:276 Resp: 95175
Ion Ratio Lower Upper
276 100
138 23.9 21.0 31.4
227 0.3 0.0 0.0#

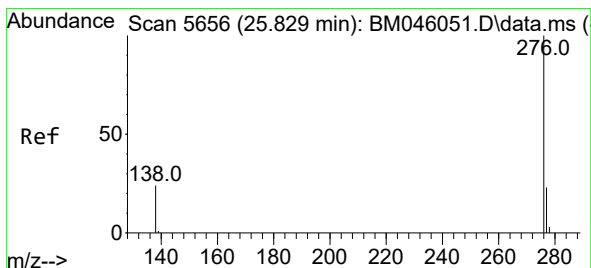
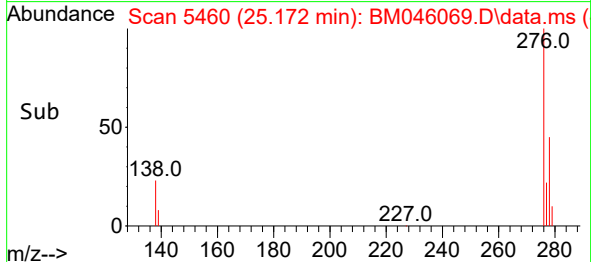
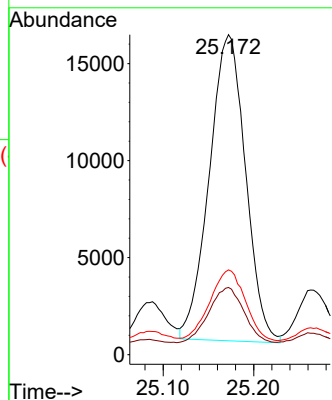
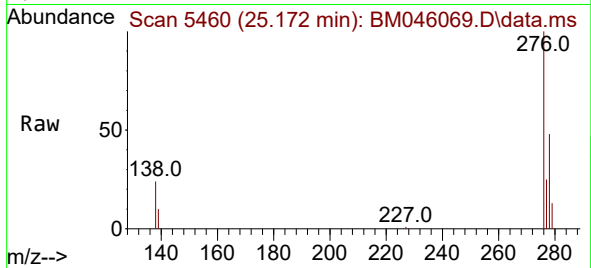




#28
Dibenzo(a,h)anthracene
Concen: 0.701 ng/ul
RT: 25.172 min Scan# 54
Delta R.T. -0.044 min
Lab File: BM046069.D
Acq: 19 Jun 2024 02:42

Instrument :
BNA_M
ClientSampleId :
A4BN3MS

Tgt Ion:278 Resp: 43802
Ion Ratio Lower Upper
278 100
139 21.0 17.6 26.4
279 26.5 26.3 39.5



#29
Benzo(g,h,i)perylene
Concen: 0.195 ng/ul
RT: 25.789 min Scan# 5644
Delta R.T. -0.040 min
Lab File: BM046069.D
Acq: 19 Jun 2024 02:42

Tgt Ion:276 Resp: 14053
Ion Ratio Lower Upper
276 100
138 30.7 21.7 32.5
277 29.1 20.4 30.6

