

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072624\
 Data File : BM046857.D
 Acq On : 27 Jul 2024 07:59
 Operator : MA/JU
 Sample : PB162156BS
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS156

Quant Time: Jul 28 23:28:52 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM072424.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 24 15:10:37 2024
 Response via : Initial Calibration

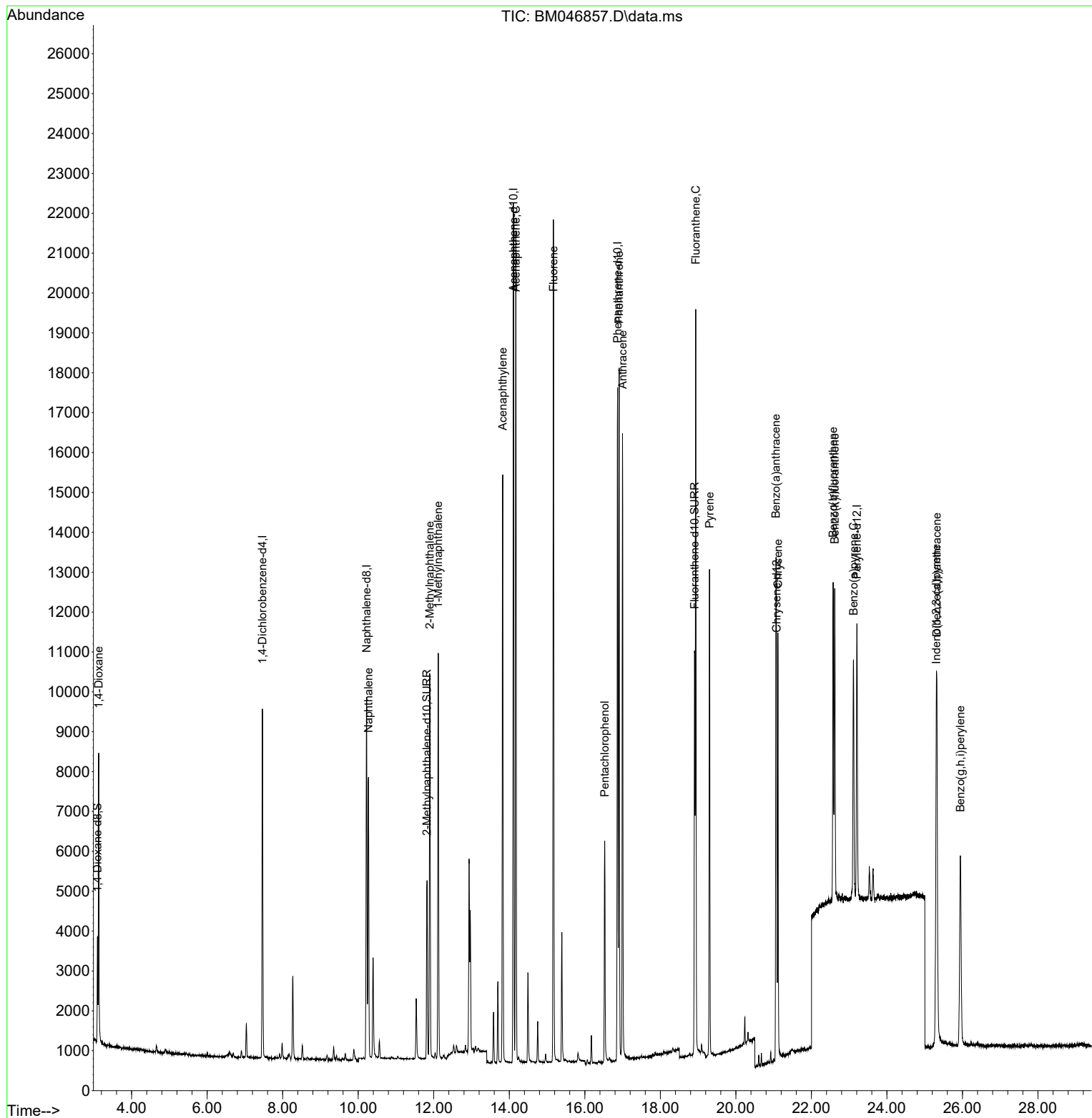
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.464	152	4401	0.400	ng/ul	0.00
4) Naphthalene-d8	10.222	136	12427	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.109	164	11837	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.867	188	20670	0.400	ng/ul	0.00
17) Chrysene-d12	21.079	240	7469	0.400	ng/ul	0.00
23) Perylene-d12	23.206	264	8628	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.096	96	1510	0.490	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.822	152	6072	0.307	ng/ul	0.00
18) Fluoranthene-d10	18.909	212	12087	0.497	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.126	88	4310	1.222	ng/ul#	83
5) Naphthalene	10.271	128	9527	0.303	ng/ul	99
7) 2-Methylnaphthalene	11.893	142	6751	0.312	ng/ul	99
8) 1-Methylnaphthalene	12.119	142	6754	0.302	ng/ul	100
10) Acenaphthylene	13.827	152	16611	0.306	ng/ul	98
11) Acenaphthene	14.174	153	11929	0.324	ng/ul	99
12) Fluorene	15.168	166	13043	0.284	ng/ul	97
14) Pentachlorophenol	16.529	266	3736	0.399	ng/ul	99
15) Phenanthrene	16.909	178	17454	0.294	ng/ul	99
16) Anthracene	16.998	178	16320	0.295	ng/ul	99
19) Fluoranthene	18.937	202	16028	0.489	ng/ul#	97
20) Pyrene	19.304	202	11467	0.338	ng/ul	100
21) Benzo(a)anthracene	21.061	228	9394	0.302	ng/ul	99
22) Chrysene	21.114	228	9254	0.293	ng/ul	99
24) Benzo(b)fluoranthene	22.575	252	9938	0.262	ng/ul	95
25) Benzo(k)fluoranthene	22.618	252	9668	0.253	ng/ul	100
26) Benzo(a)pyrene	23.115	252	8831	0.325	ng/ul#	97
27) Indeno(1,2,3-cd)pyrene	25.306	276	12391	0.296	ng/ul#	98
28) Dibenzo(a,h)anthracene	25.323	278	9421	0.308	ng/ul	99
29) Benzo(g,h,i)perylene	25.943	276	10072	0.273	ng/ul	97

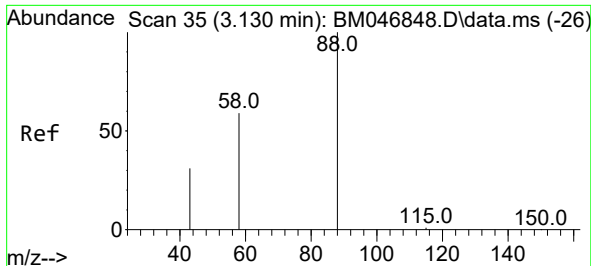
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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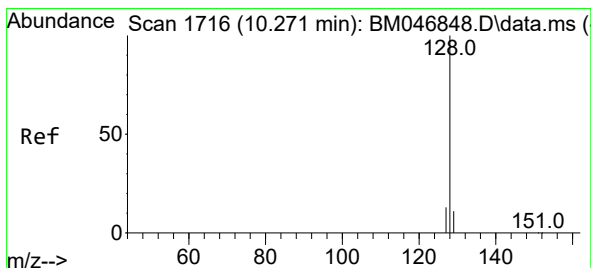
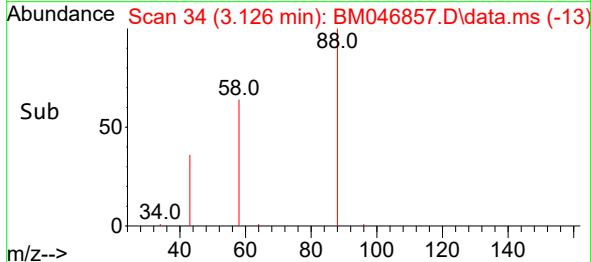
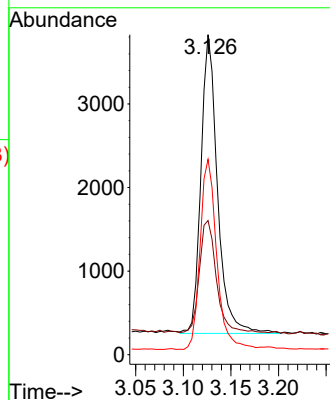
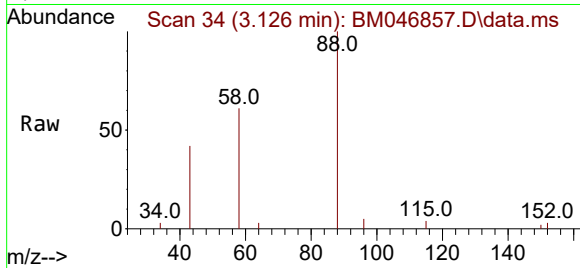




#2
1,4-Dioxane
Concen: 1.222 ng/ul
RT: 3.126 min Scan# 34
Delta R.T. -0.013 min
Lab File: BM046857.D
Acq: 27 Jul 2024 07:59

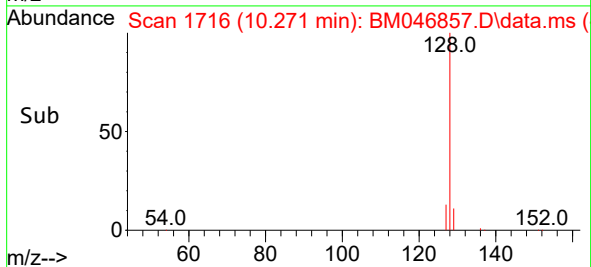
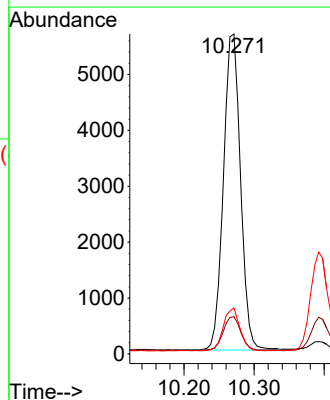
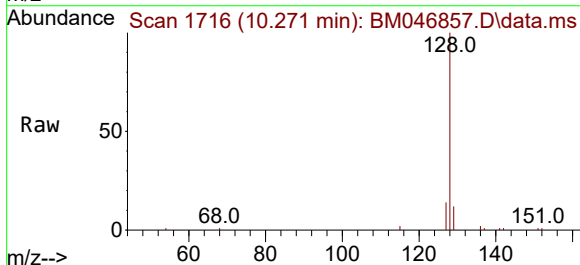
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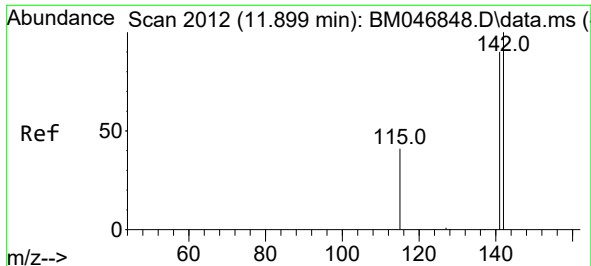
Tgt Ion: 88 Resp: 4310
Ion Ratio Lower Upper
88 100
43 41.9 42.1 63.1#
58 61.0 38.3 57.5#



#5
Naphthalene
Concen: 0.303 ng/ul
RT: 10.271 min Scan# 1716
Delta R.T. -0.006 min
Lab File: BM046857.D
Acq: 27 Jul 2024 07:59

Tgt Ion: 128 Resp: 9527
Ion Ratio Lower Upper
128 100
129 11.7 10.1 15.1
127 14.4 11.5 17.3

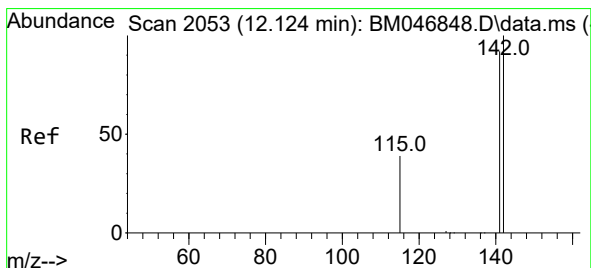
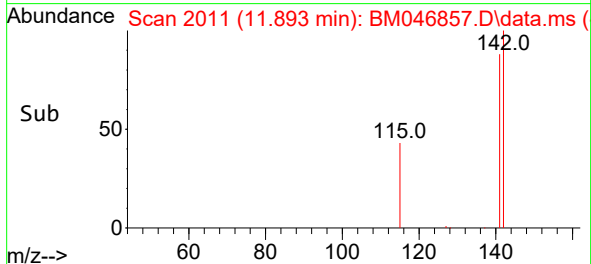
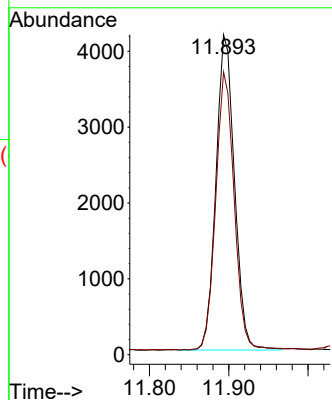
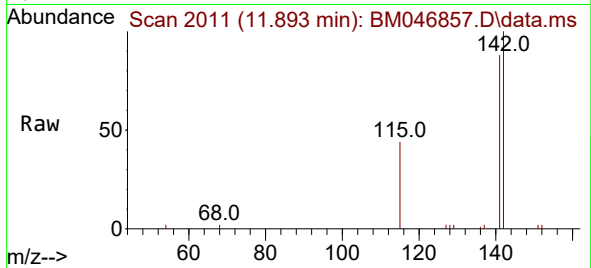




#7
2-Methylnaphthalene
Concen: 0.312 ng/ul
RT: 11.893 min Scan# 2011
Delta R.T. -0.011 min
Lab File: BM046857.D
Acq: 27 Jul 2024 07:59

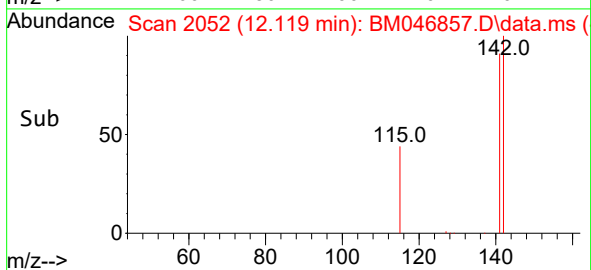
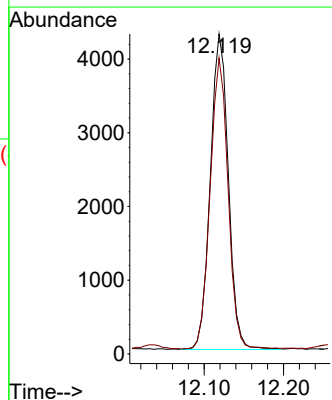
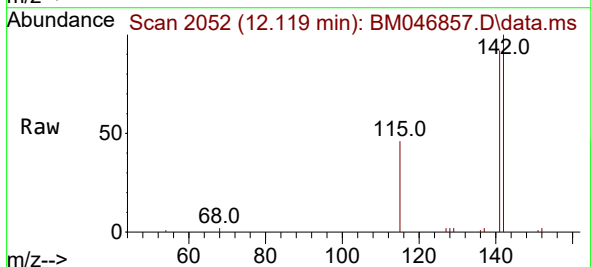
Instrument :
BNA_M
ClientSampleId :
SLCS156

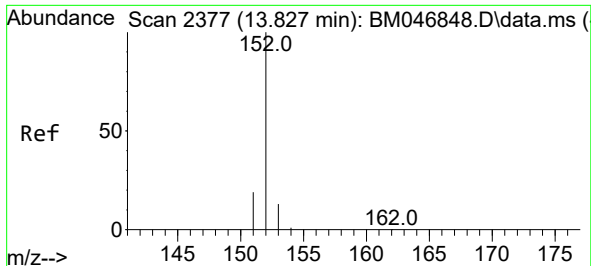
Tgt Ion:142 Resp: 6751
Ion Ratio Lower Upper
142 100
141 87.6 70.5 105.7



#8
1-Methylnaphthalene
Concen: 0.302 ng/ul
RT: 12.119 min Scan# 2052
Delta R.T. -0.011 min
Lab File: BM046857.D
Acq: 27 Jul 2024 07:59

Tgt Ion:142 Resp: 6754
Ion Ratio Lower Upper
142 100
141 91.7 73.1 109.7

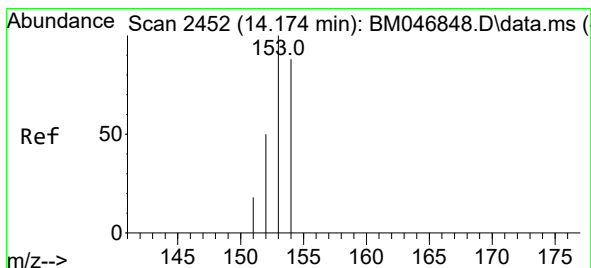
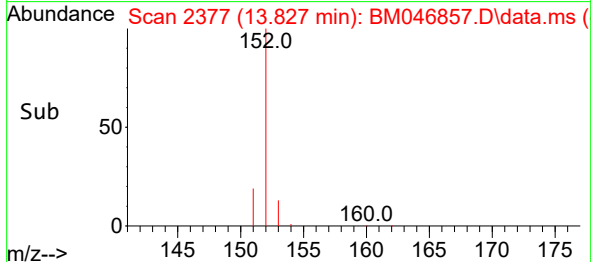
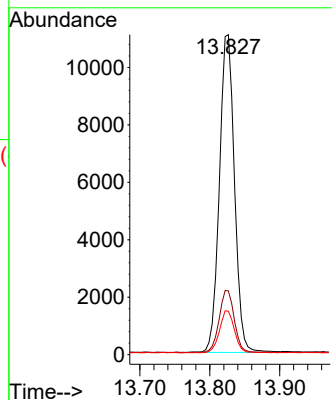
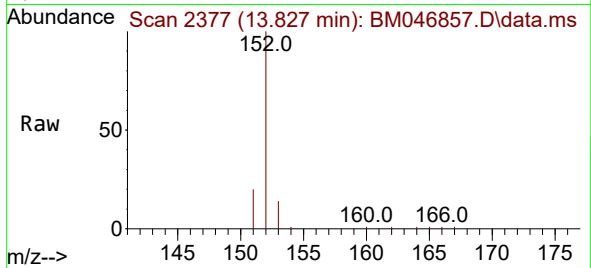




#10
Acenaphthylene
Concen: 0.306 ng/ul
RT: 13.827 min Scan# 21
Delta R.T. -0.005 min
Lab File: BM046857.D
Acq: 27 Jul 2024 07:59

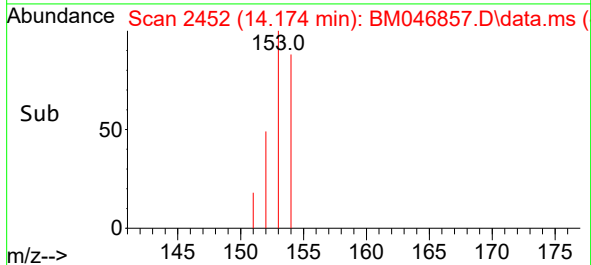
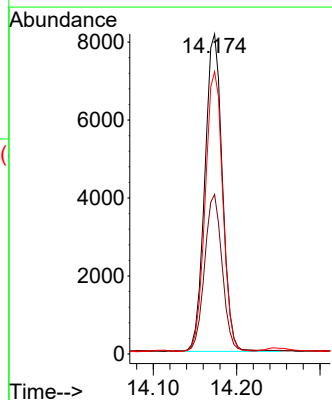
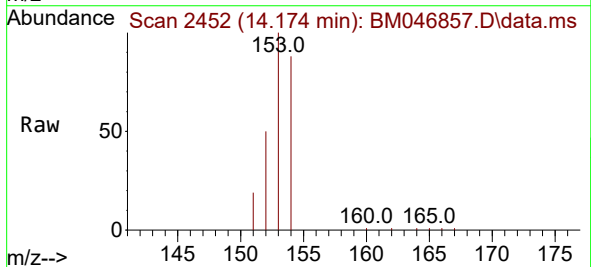
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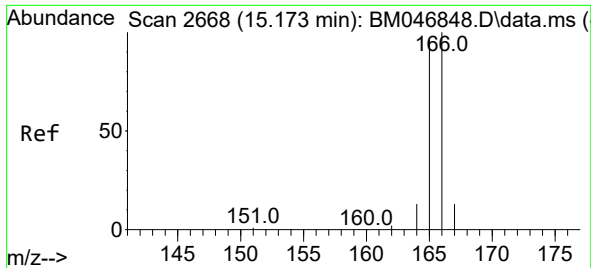
Tgt Ion:	152	Resp:	16611
Ion Ratio	Lower	Upper	
152	100		
151	20.0	16.8	25.2
153	13.6	11.0	16.6



#11
Acenaphthene
Concen: 0.324 ng/ul
RT: 14.174 min Scan# 2452
Delta R.T. -0.009 min
Lab File: BM046857.D
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Tgt Ion:	153	Resp:	11929
Ion Ratio	Lower	Upper	
153	100		
152	49.8	38.6	57.8
154	88.2	70.8	106.2

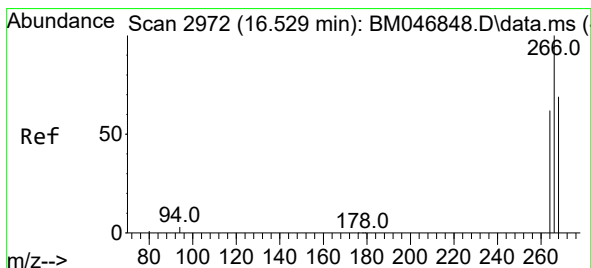
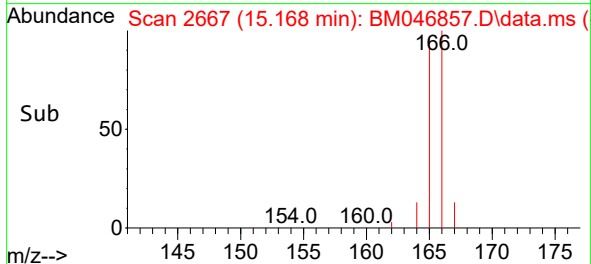
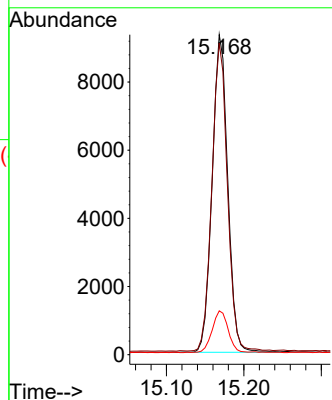
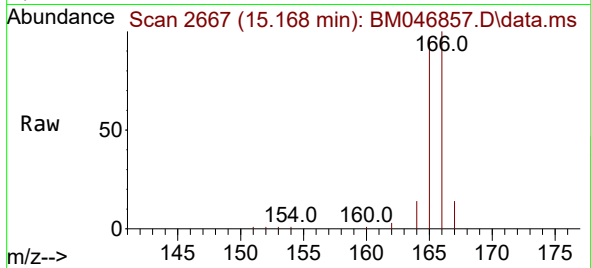




#12
Fluorene
Concen: 0.284 ng/ul
RT: 15.168 min Scan# 20667
Delta R.T. -0.009 min
Lab File: BM046857.D
Acq: 27 Jul 2024 07:59

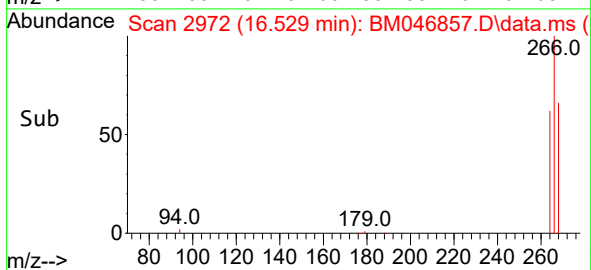
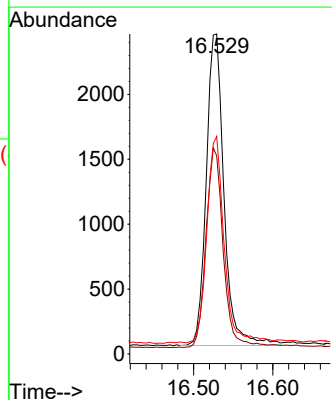
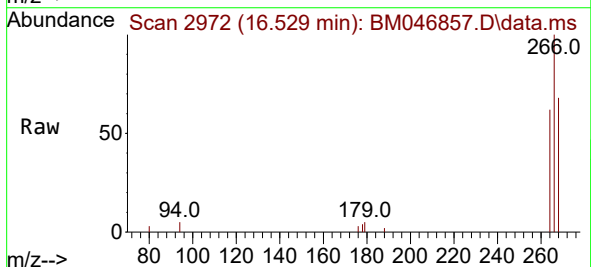
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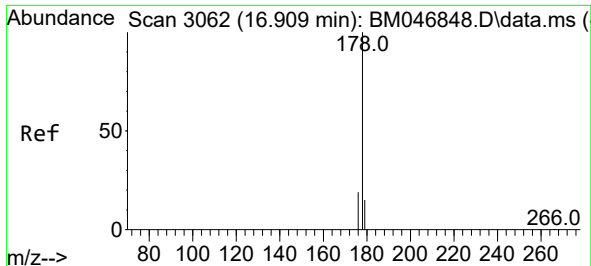
Tgt Ion:166 Resp: 13043
Ion Ratio Lower Upper
166 100
165 97.4 79.8 119.6
167 13.7 12.3 18.5



#14
Pentachlorophenol
Concen: 0.399 ng/ul
RT: 16.529 min Scan# 2972
Delta R.T. -0.004 min
Lab File: BM046857.D
Acq: 27 Jul 2024 07:59

Tgt Ion:266 Resp: 3736
Ion Ratio Lower Upper
266 100
264 62.8 51.1 76.7
268 64.3 51.8 77.6

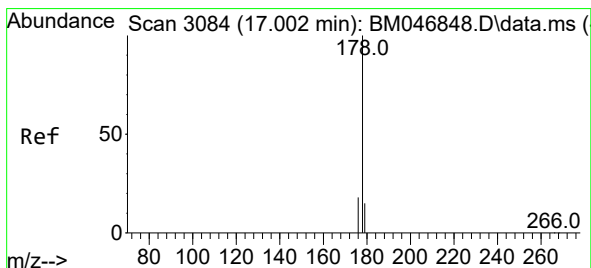
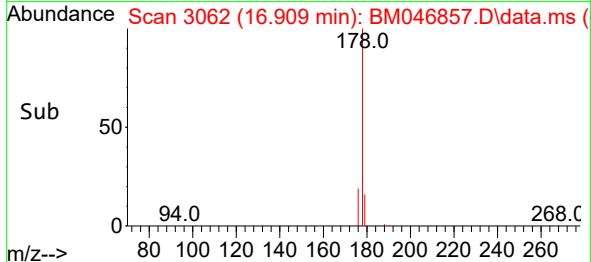
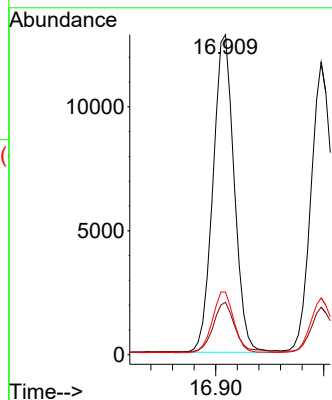
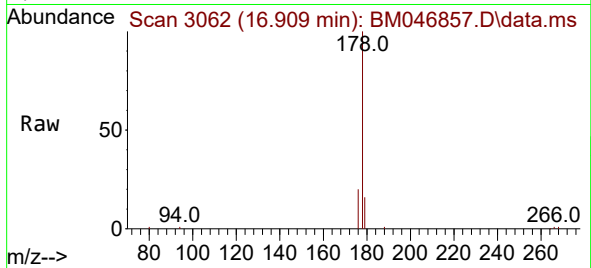




#15
Phenanthrene
Concen: 0.294 ng/ul
RT: 16.909 min Scan# 3062
Delta R.T. -0.004 min
Lab File: BM046857.D
Acq: 27 Jul 2024 07:59

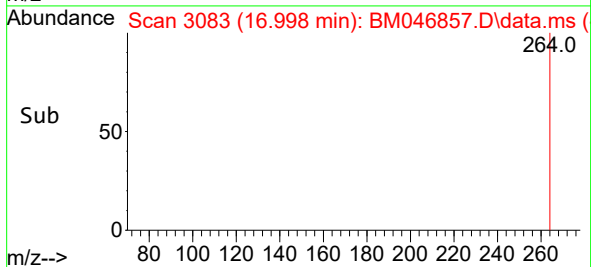
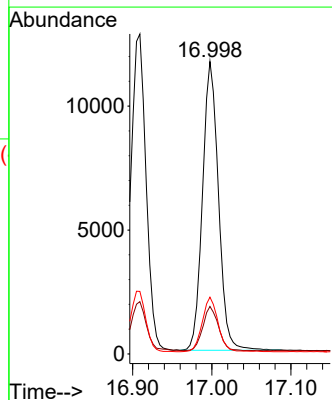
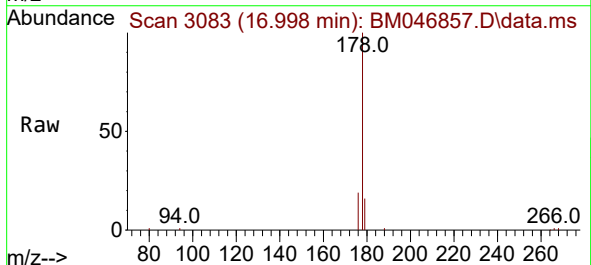
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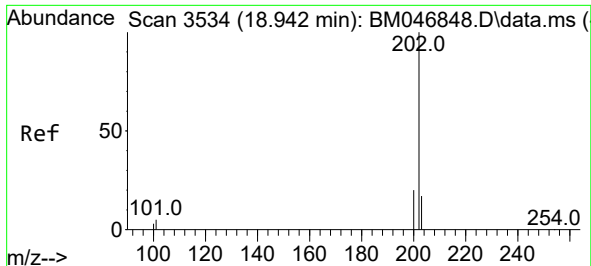
Tgt Ion:178 Resp: 17454
Ion Ratio Lower Upper
178 100
179 16.4 13.4 20.2
176 19.6 16.1 24.1



#16
Anthracene
Concen: 0.295 ng/ul
RT: 16.998 min Scan# 3083
Delta R.T. -0.008 min
Lab File: BM046857.D
Acq: 27 Jul 2024 07:59

Tgt Ion:178 Resp: 16320
Ion Ratio Lower Upper
178 100
179 16.2 13.1 19.7
176 19.4 15.0 22.6

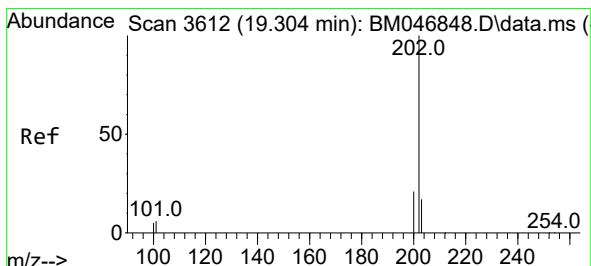
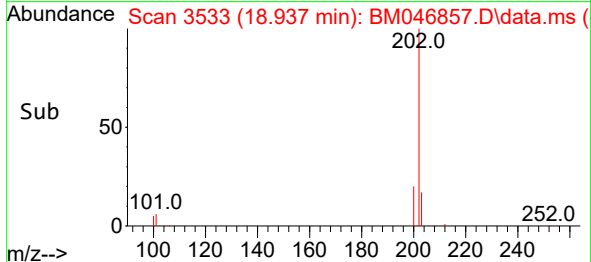
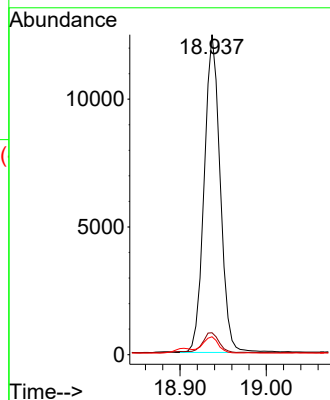
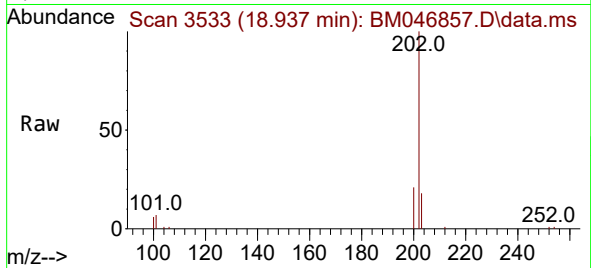




#19
Fluoranthene
Concen: 0.489 ng/ul
RT: 18.937 min Scan# 3533
Delta R.T. -0.005 min
Lab File: BM046857.D
Acq: 27 Jul 2024 07:59

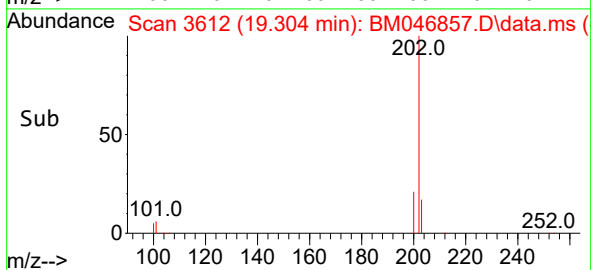
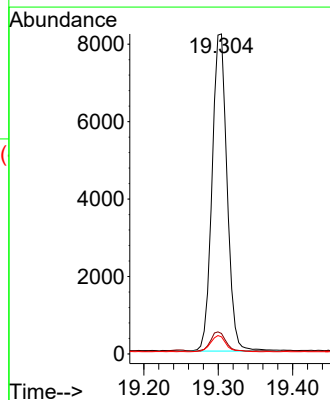
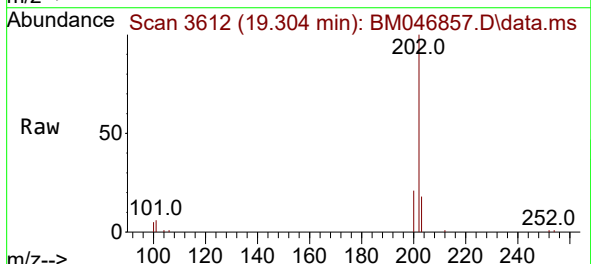
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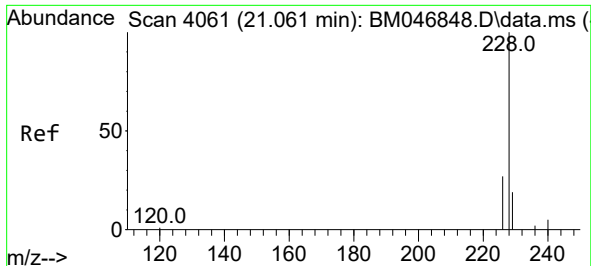
Tgt Ion:202 Resp: 16028
Ion Ratio Lower Upper
202 100
101 6.9 4.7 7.1
100 5.6 3.4 5.2#



#20
Pyrene
Concen: 0.338 ng/ul
RT: 19.304 min Scan# 3612
Delta R.T. -0.000 min
Lab File: BM046857.D
Acq: 27 Jul 2024 07:59

Tgt Ion:202 Resp: 11467
Ion Ratio Lower Upper
202 100
101 6.4 5.2 7.8
100 5.4 4.3 6.5

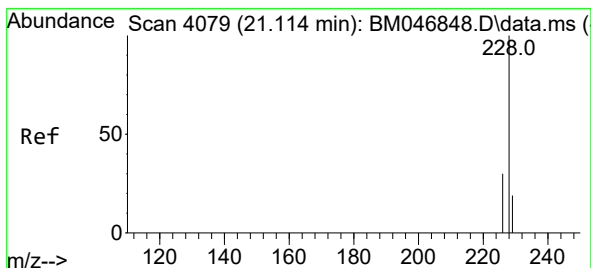
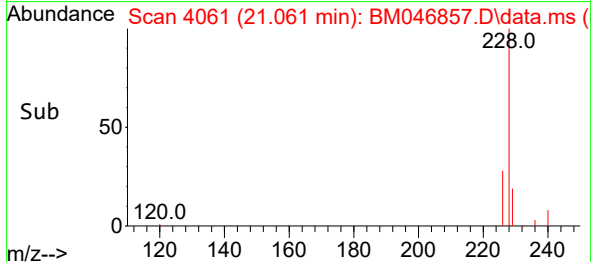
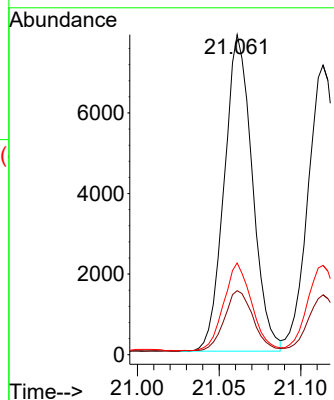
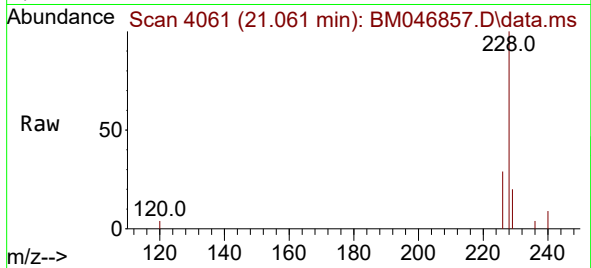




#21
Benzo(a)anthracene
Concen: 0.302 ng/ul
RT: 21.061 min Scan# 4061
Delta R.T. -0.003 min
Lab File: BM046857.D
Acq: 27 Jul 2024 07:59

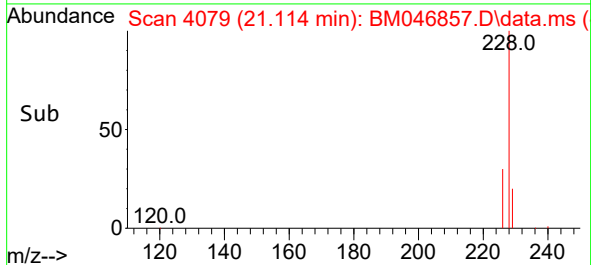
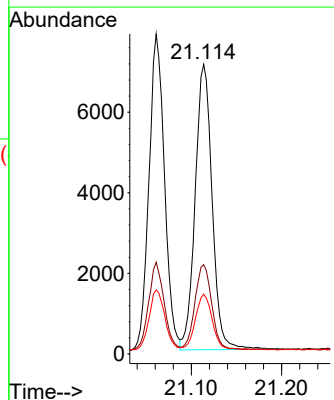
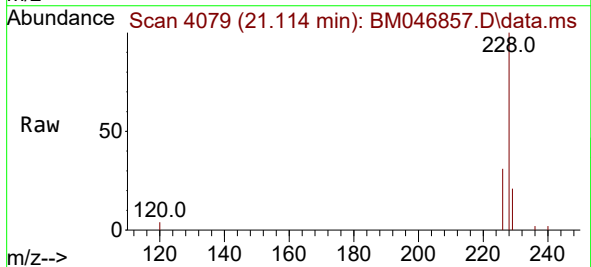
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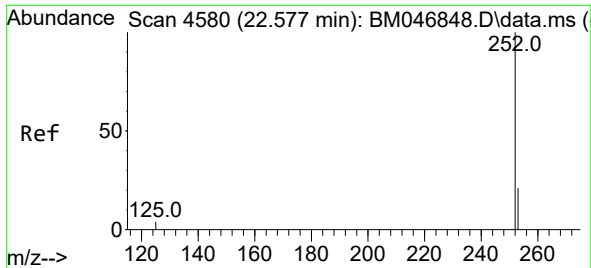
Tgt Ion:228 Resp: 9394
Ion Ratio Lower Upper
228 100
229 20.0 16.3 24.5
226 28.7 22.3 33.5



#22
Chrysene
Concen: 0.293 ng/ul
RT: 21.114 min Scan# 4079
Delta R.T. -0.003 min
Lab File: BM046857.D
Acq: 27 Jul 2024 07:59

Tgt Ion:228 Resp: 9254
Ion Ratio Lower Upper
228 100
226 30.9 24.5 36.7
229 20.7 16.2 24.2

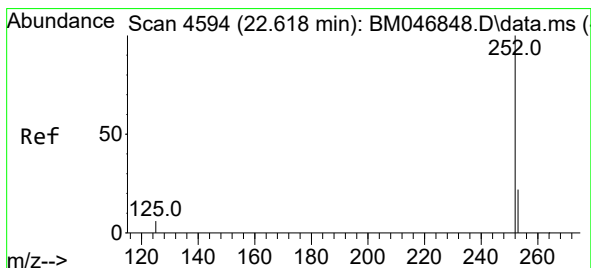
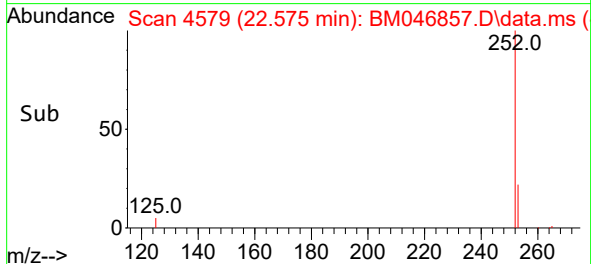
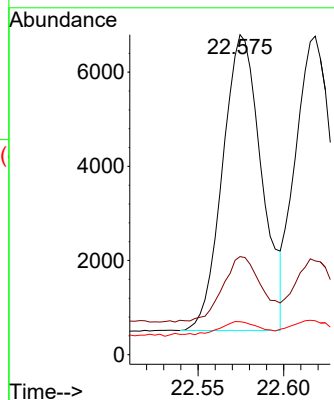
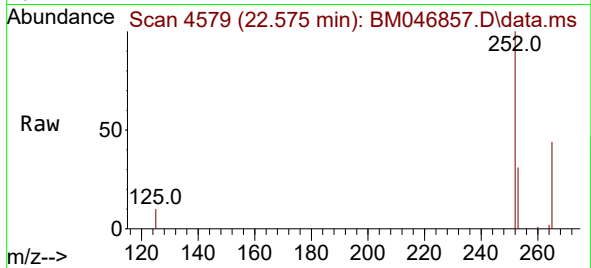




#24
Benzo(b)fluoranthene
Concen: 0.262 ng/ul
RT: 22.575 min Scan# 4579
Delta R.T. -0.006 min
Lab File: BM046857.D
Acq: 27 Jul 2024 07:59

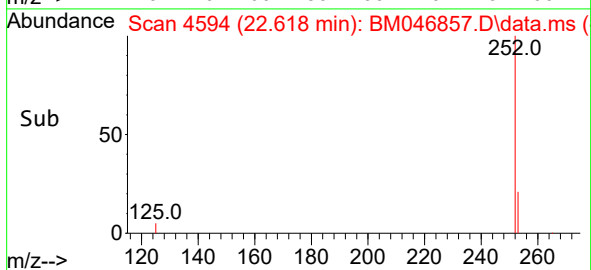
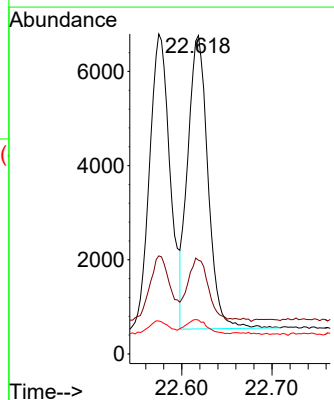
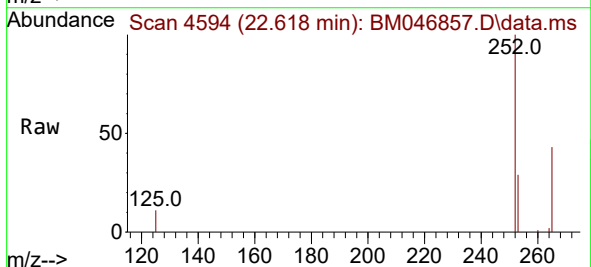
Instrument :
BNA_M
ClientSampleId :
SLCS156

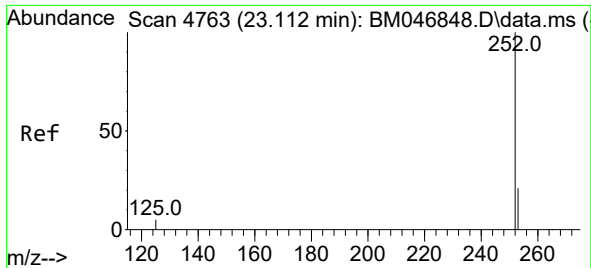
Tgt Ion:252 Resp: 9938
Ion Ratio Lower Upper
252 100
253 30.7 0.0 56.4
125 10.3 0.0 15.8



#25
Benzo(k)fluoranthene
Concen: 0.253 ng/ul
RT: 22.618 min Scan# 4594
Delta R.T. -0.003 min
Lab File: BM046857.D
Acq: 27 Jul 2024 07:59

Tgt Ion:252 Resp: 9668
Ion Ratio Lower Upper
252 100
253 29.4 23.5 35.3
125 10.7 8.6 13.0

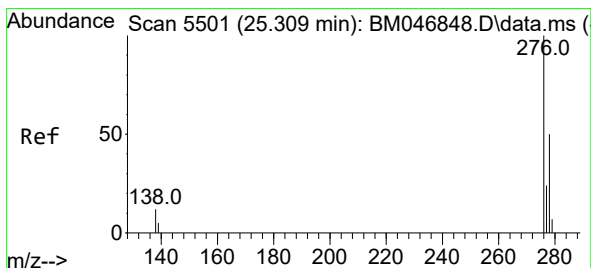
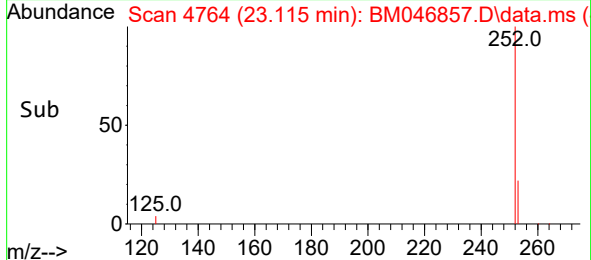
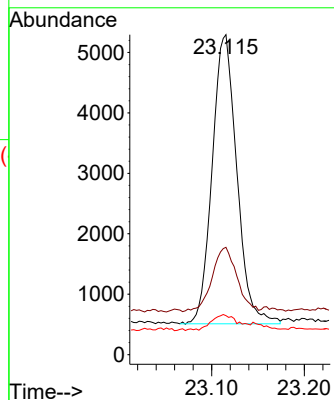
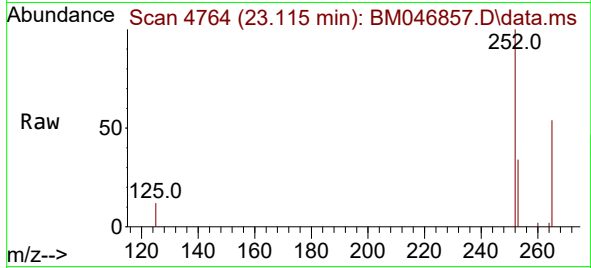




#26
Benzo(a)pyrene
Concen: 0.325 ng/ul
RT: 23.115 min Scan# 41
Delta R.T. -0.003 min
Lab File: BM046857.D
Acq: 27 Jul 2024 07:59

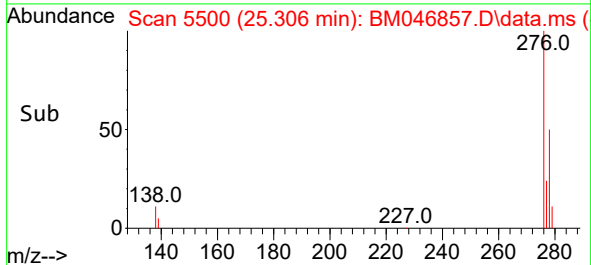
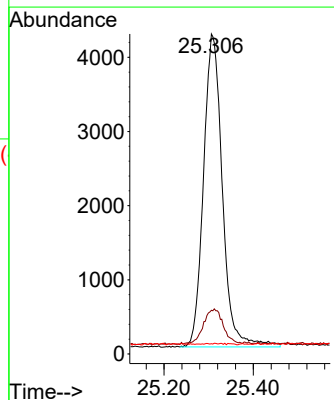
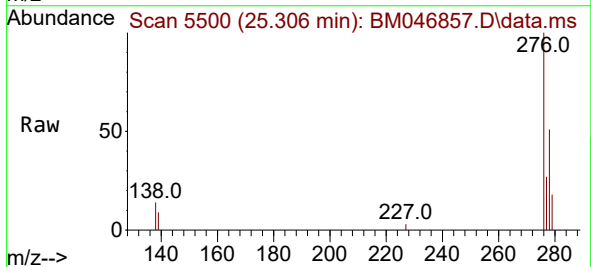
Instrument :
BNA_M
ClientSampleId :
SLCS156

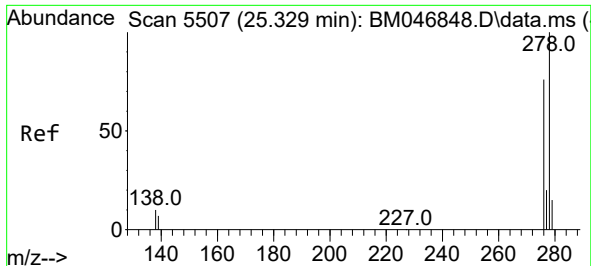
Tgt Ion	Ratio	Lower	Upper
252	100		
253	33.5	26.0	39.0
125	12.2	7.8	11.8



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.296 ng/ul
RT: 25.306 min Scan# 5500
Delta R.T. -0.010 min
Lab File: BM046857.D
Acq: 27 Jul 2024 07:59

Tgt Ion	Ratio	Lower	Upper
276	100		
138	11.2	9.7	14.5
227	0.0	0.2	0.2

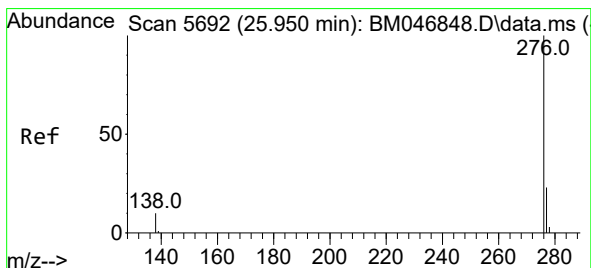
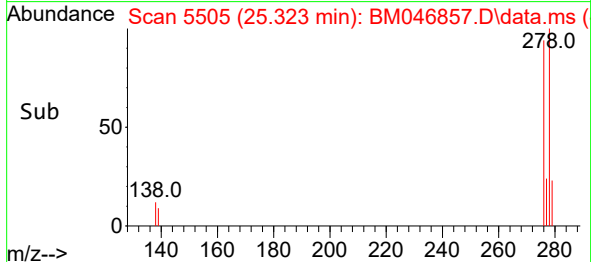
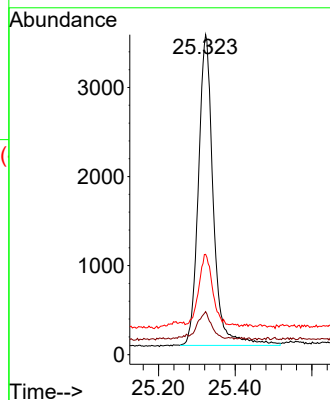
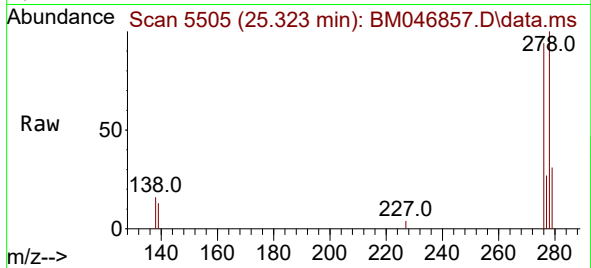




#28
Dibenzo(a,h)anthracene
Concen: 0.308 ng/ul
RT: 25.323 min Scan# 51
Delta R.T. -0.010 min
Lab File: BM046857.D
Acq: 27 Jul 2024 07:59

Instrument :
BNA_M
ClientSampleId :
SLCS156

Tgt Ion:278 Resp: 9421
Ion Ratio Lower Upper
278 100
139 13.5 9.8 14.8
279 31.4 25.2 37.8



#29
Benzo(g,h,i)perylene
Concen: 0.273 ng/ul
RT: 25.943 min Scan# 5690
Delta R.T. -0.010 min
Lab File: BM046857.D
Acq: 27 Jul 2024 07:59

Tgt Ion:276 Resp: 10072
Ion Ratio Lower Upper
276 100
138 14.0 9.5 14.3
277 26.8 20.9 31.3

