

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050522\
 Data File : BM034954.D
 Acq On : 05 May 2022 14:57
 Operator : CG/JU
 Sample : N2668-05MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EXL67MS

Quant Time: May 06 02:50:56 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM042222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 04 02:59:36 2022
 Response via : Initial Calibration

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

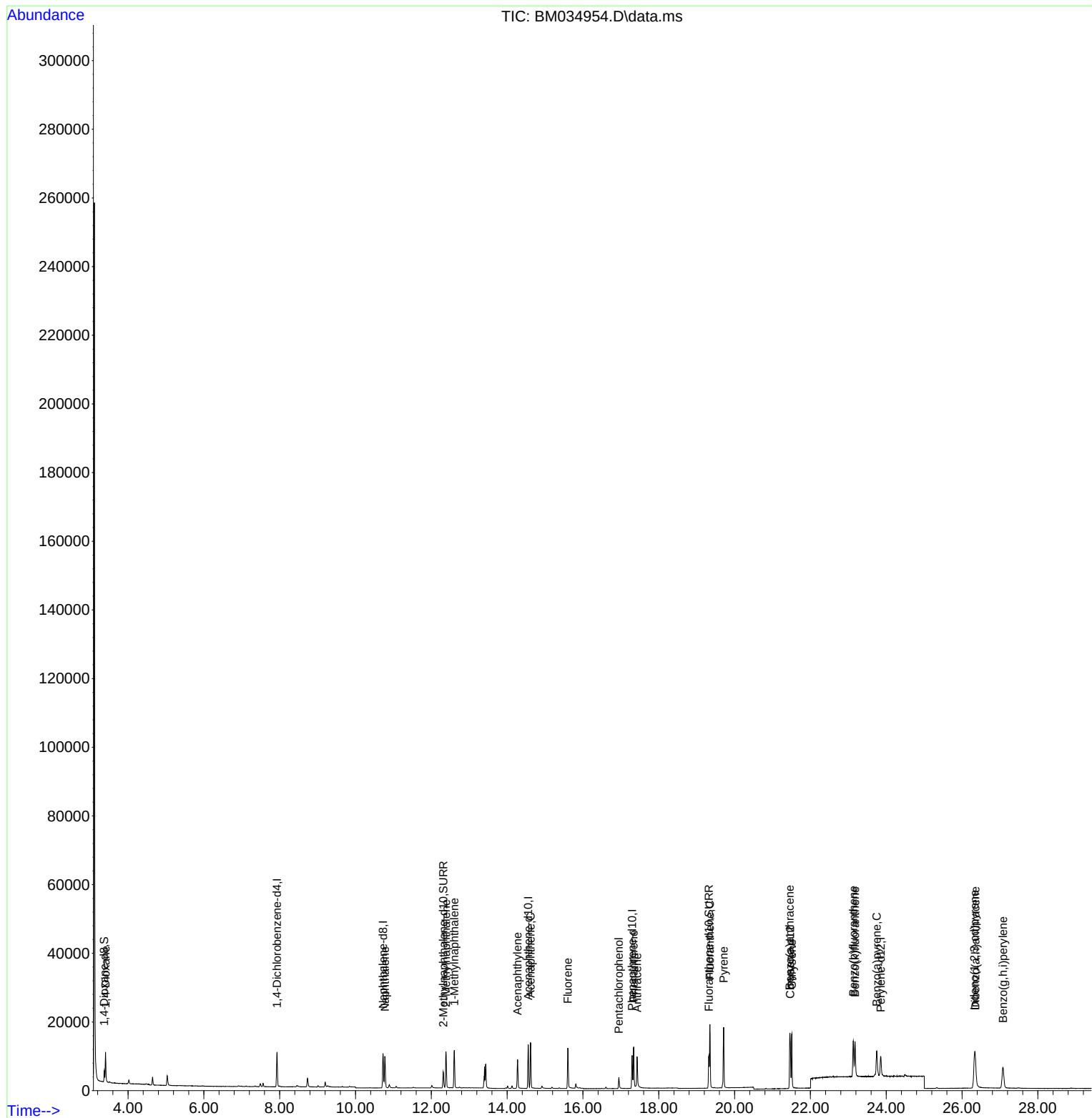
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.930	152	5220	0.400	ng/ul	0.00
4) Naphthalene-d8	10.726	136	13797	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.556	164	6884	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.296	188	12055	0.400	ng/ul	0.00
17) Chrysene-d12	21.471	240	8723	0.400	ng/ul #	0.00
23) Perylene-d12	23.856	264	8307	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.373	96	1930	0.334	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.316	152	6096	0.314	ng/ul	0.00
18) Fluoranthene-d10	19.322	212	10522	0.382	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.407	88	5016	0.913	ng/ul#	80
5) Naphthalene	10.776	128	12382	0.314	ng/ul#	88
7) 2-Methylnaphthalene	12.387	142	7569	0.289	ng/ul	99
8) 1-Methylnaphthalene	12.607	142	7463	0.290	ng/ul	100
10) Acenaphthylene	14.274	152	10219	0.340	ng/ul#	90
11) Acenaphthene	14.617	153	7840	0.308	ng/ul	97
12) Fluorene	15.602	166	8288	0.289	ng/ul#	98
14) Pentachlorophenol	16.950	266	2292	0.641	ng/ul	97
15) Phenanthrene	17.339	178	13294	0.334	ng/ul	95
16) Anthracene	17.427	178	11473	0.323	ng/ul	93
19) Fluoranthene	19.350	202	15524	0.371	ng/ul	100
20) Pyrene	19.712	202	15529	0.369	ng/ul	97
21) Benzo(a)anthracene	21.456	228	12445	0.367	ng/ul	98
22) Chrysene	21.509	228	13917	0.385	ng/ul	98
24) Benzo(b)fluoranthene	23.131	252	13939	0.368	ng/ul	91
25) Benzo(k)fluoranthene	23.177	252	13989	0.369	ng/ul#	90
26) Benzo(a)pyrene	23.750	252	12727	0.411	ng/ul#	85
27) Indeno(1,2,3-cd)pyrene	26.326	276	16125	0.371	ng/ul#	78
28) Dibenzo(a,h)anthracene	26.350	278	13069	0.370	ng/ul	92
29) Benzo(g,h,i)perylene	27.081	276	13993	0.373	ng/ul#	92

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

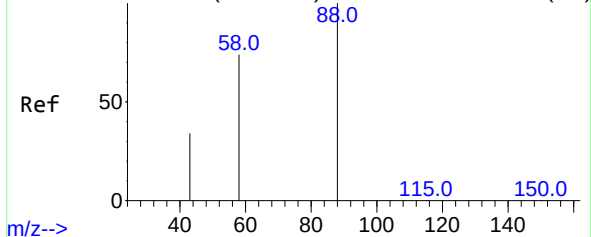
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050522\
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Abundance Scan 77 (3.407 min): BM034946.D\data.ms (-71)



#2

1,4-Dioxane

Concen: 0.913 ng/ul

RT: 3.407 min Scan# 71

Delta R.T. -0.000 min

Lab File: BM034954.D

Acq: 05 May 2022 14:57

Instrument :

BNA_M

ClientSampleId :

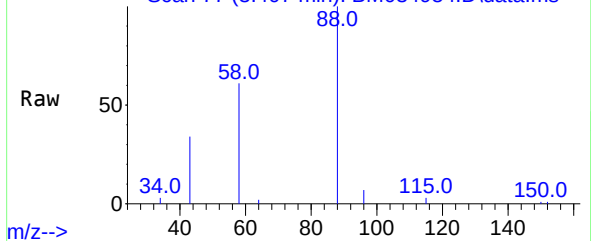
EXL67MS

Tgt Ion: 88 Resp: 5016

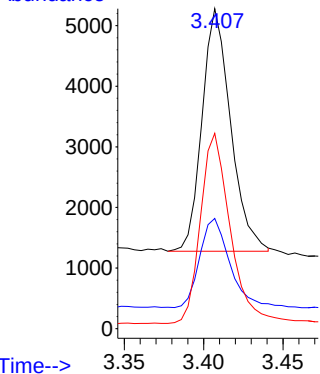
Ion Ratio Lower Upper

88	100		
43	34.5	49.7	74.5#
58	61.1	52.5	78.7

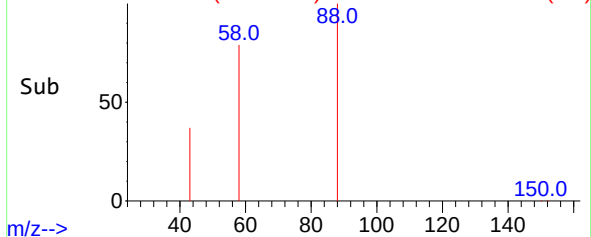
Abundance Scan 77 (3.407 min): BM034954.D\data.ms



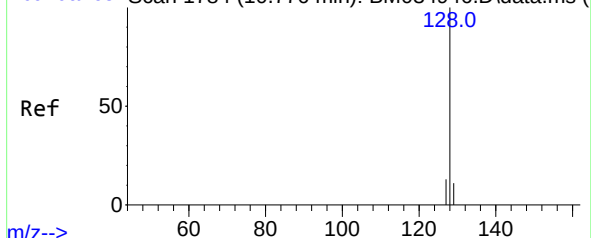
Abundance



Abundance Scan 77 (3.407 min): BM034954.D\data.ms (-65)



Abundance Scan 1784 (10.776 min): BM034946.D\data.ms (-71)



#5

Naphthalene

Concen: 0.314 ng/ul

RT: 10.776 min Scan# 1784

Delta R.T. -0.006 min

Lab File: BM034954.D

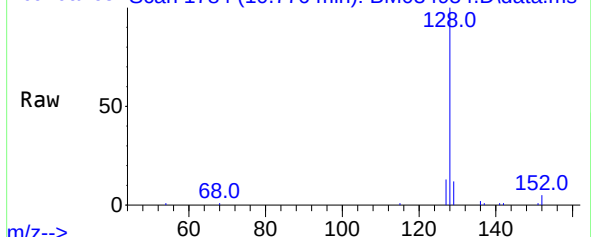
Acq: 05 May 2022 14:57

Tgt Ion: 128 Resp: 12382

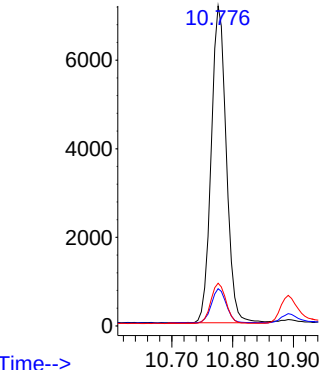
Ion Ratio Lower Upper

128	100		
129	11.7	13.4	20.2#
127	13.3	15.2	22.8#

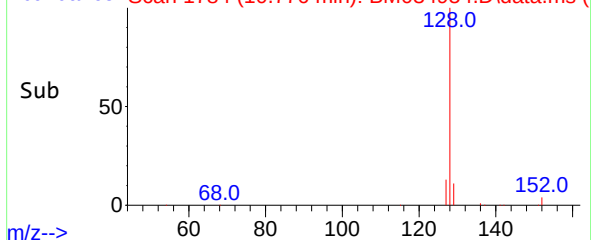
Abundance Scan 1784 (10.776 min): BM034954.D\data.ms

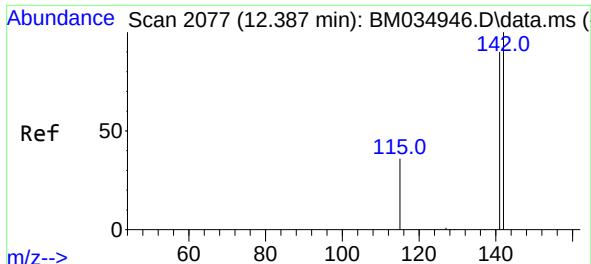


Abundance



Abundance Scan 1784 (10.776 min): BM034954.D\data.ms (-65)

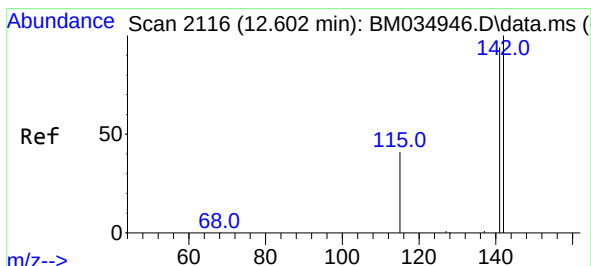
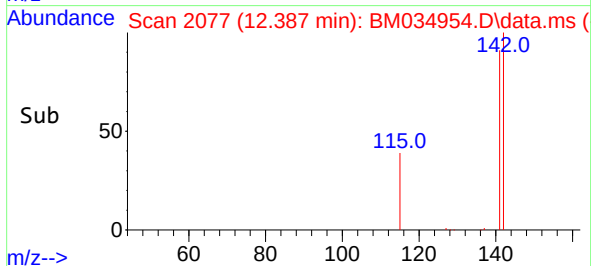
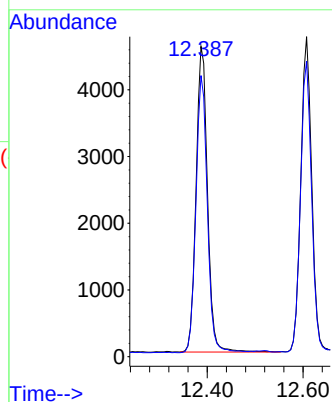
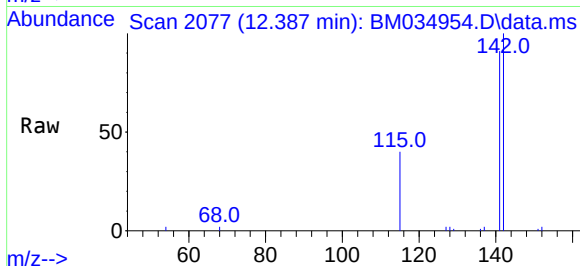




#7
2-Methylnaphthalene
Concen: 0.289 ng/ul
RT: 12.387 min Scan# 2077
Delta R.T. -0.006 min
Lab File: BM034954.D
Acq: 05 May 2022 14:57

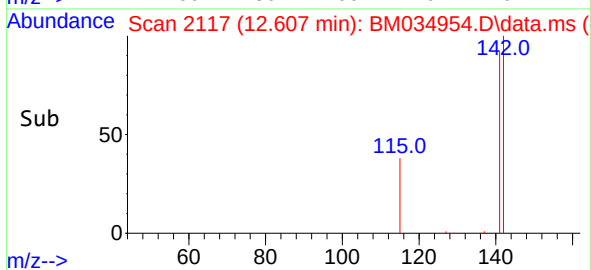
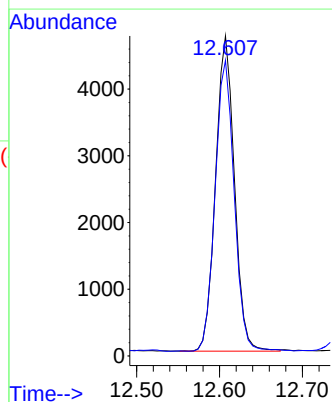
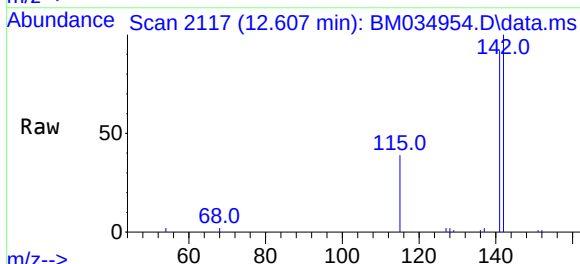
Instrument :
BNA_M
ClientSampleId :
EXL67MS

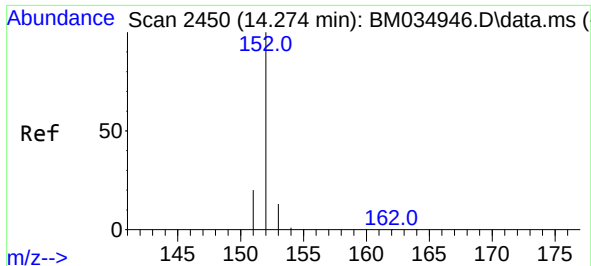
Tgt Ion:142 Resp: 7569
Ion Ratio Lower Upper
142 100
141 90.7 71.8 107.6



#8
1-Methylnaphthalene
Concen: 0.290 ng/ul
RT: 12.607 min Scan# 2117
Delta R.T. -0.000 min
Lab File: BM034954.D
Acq: 05 May 2022 14:57

Tgt Ion:142 Resp: 7463
Ion Ratio Lower Upper
142 100
141 93.7 75.0 112.4

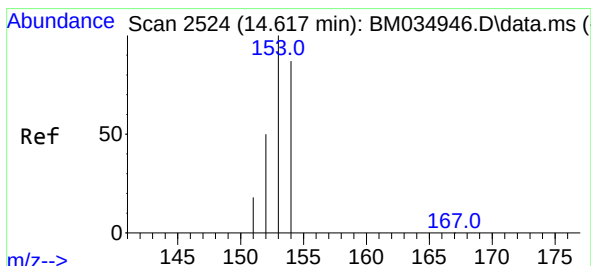
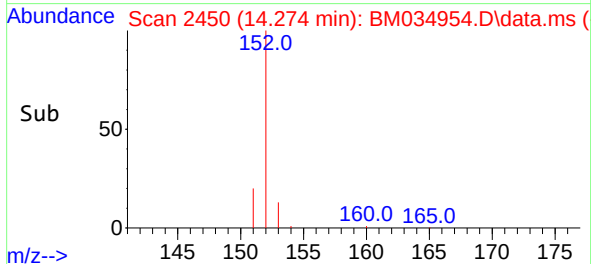
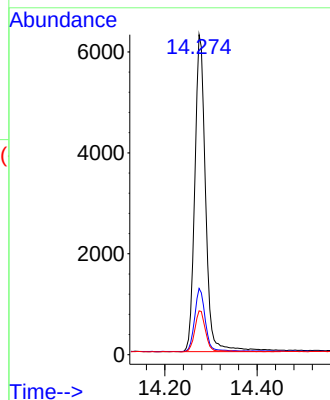
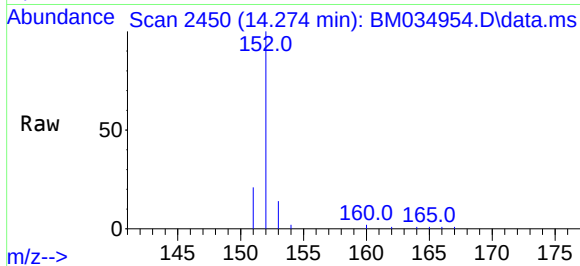




#10
Acenaphthylene
Concen: 0.340 ng/ul
RT: 14.274 min Scan# 2450
Delta R.T. -0.006 min
Lab File: BM034954.D
Acq: 05 May 2022 14:57

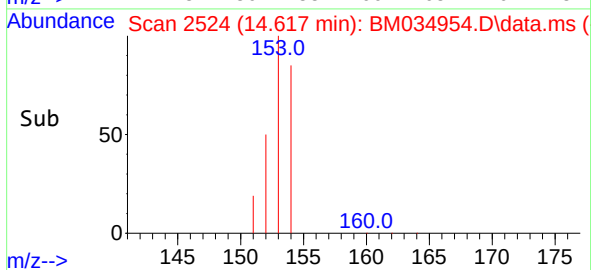
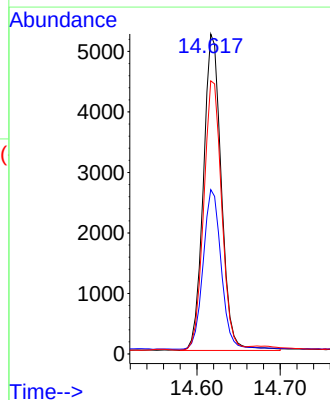
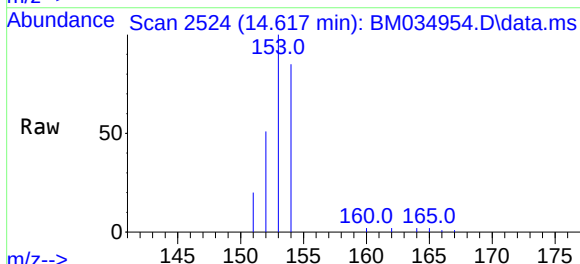
Instrument :
BNA_M
ClientSampleId :
EXL67MS

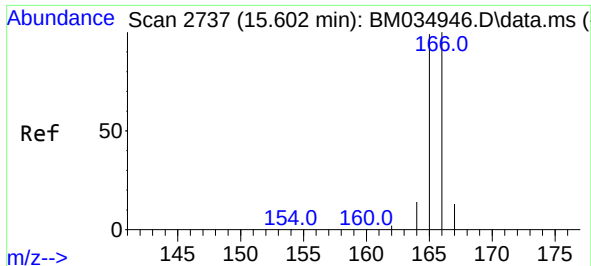
Tgt Ion:	152	Resp:	10219
Ion	Ratio	Lower	Upper
152	100		
151	20.7	19.9	29.9
153	13.7	15.0	22.4



#11
Acenaphthene
Concen: 0.308 ng/ul
RT: 14.617 min Scan# 2524
Delta R.T. -0.006 min
Lab File: BM034954.D
Acq: 05 May 2022 14:57

Tgt Ion:	153	Resp:	7840
Ion	Ratio	Lower	Upper
153	100		
152	51.3	42.4	63.6
154	85.3	66.2	99.2

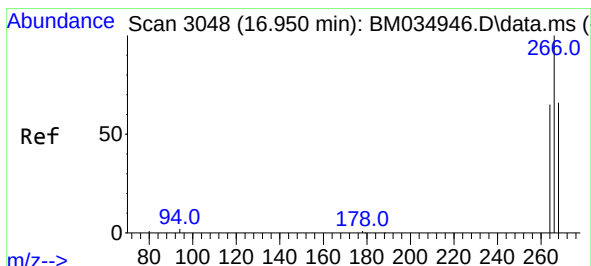
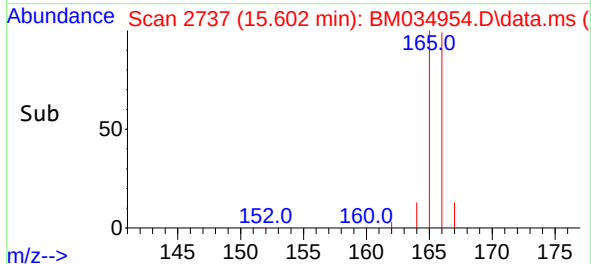
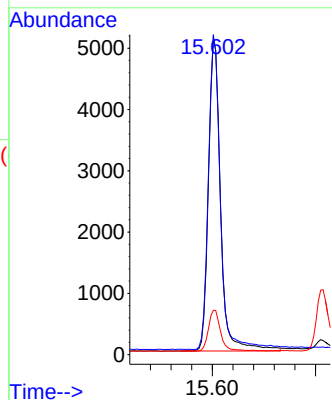
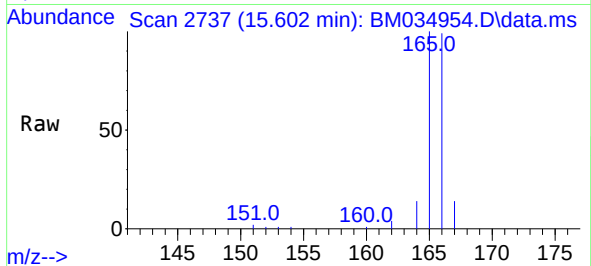




#12
Fluorene
Concen: 0.289 ng/ul
RT: 15.602 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM034954.D
Acq: 05 May 2022 14:57

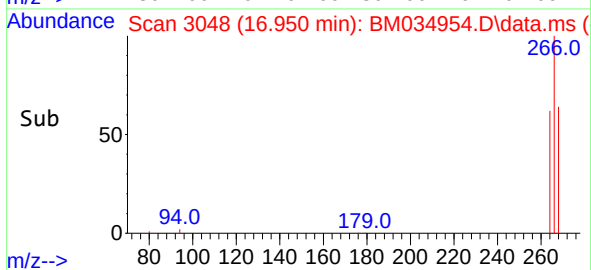
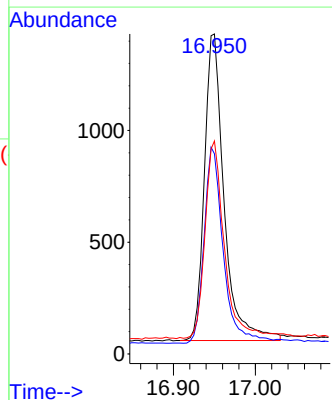
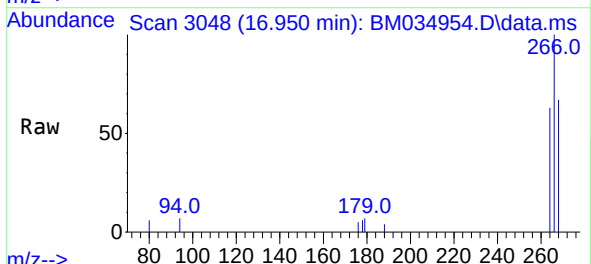
Instrument :
BNA_M
ClientSampleId :
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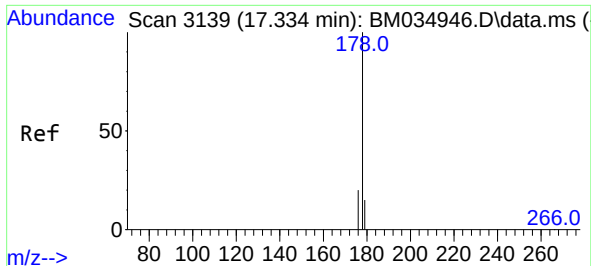
Tgt Ion:166 Resp: 8288
Ion Ratio Lower Upper
166 100
165 101.3 81.1 121.7
167 14.0 14.9 22.3#



#14
Pentachlorophenol
Concen: 0.641 ng/ul
RT: 16.950 min Scan# 3048
Delta R.T. -0.001 min
Lab File: BM034954.D
Acq: 05 May 2022 14:57

Tgt Ion:266 Resp: 2292
Ion Ratio Lower Upper
266 100
264 62.7 51.4 77.0
268 63.7 53.1 79.7

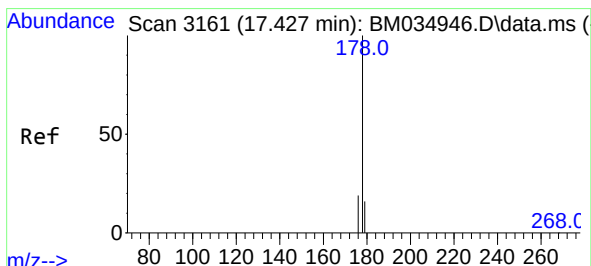
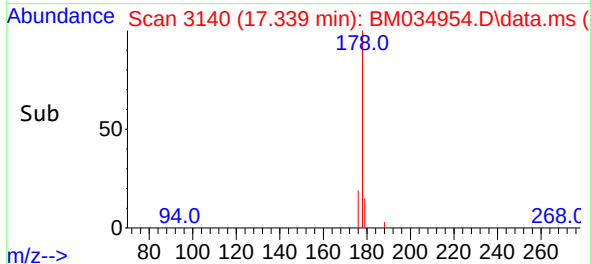
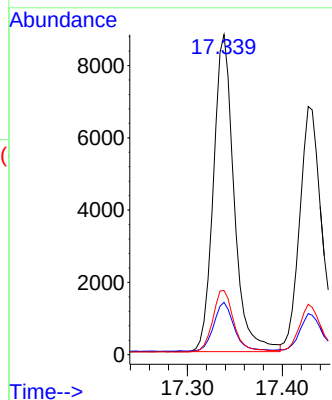
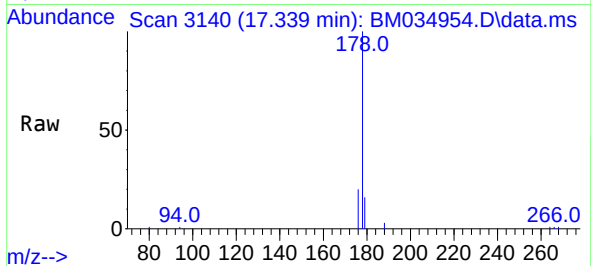




#15
Phenanthrene
Concen: 0.334 ng/ul
RT: 17.339 min Scan# 3139
Delta R.T. -0.001 min
Lab File: BM034954.D
Acq: 05 May 2022 14:57

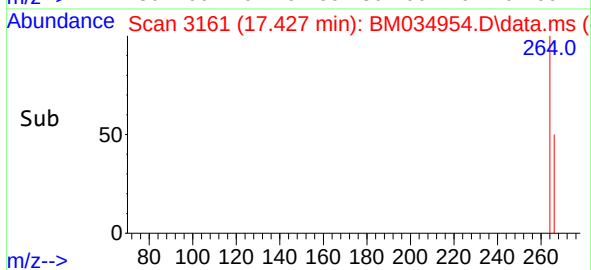
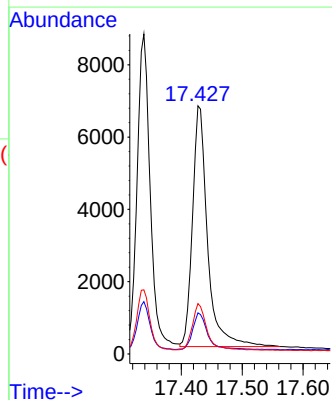
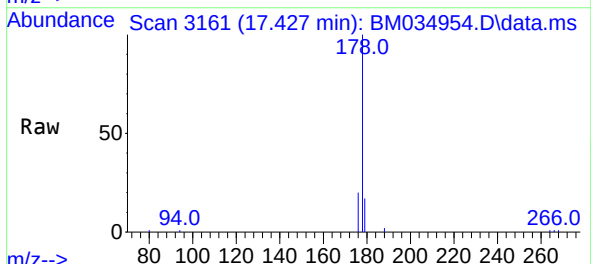
Instrument :
BNA_M
ClientSampleId :
EXL67MS

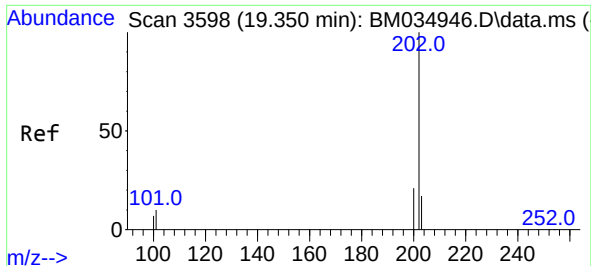
Tgt Ion:	178	Resp:	13294
Ion	Ratio	Lower	Upper
178	100		
179	16.3	15.0	22.6
176	20.1	17.9	26.9



#16
Anthracene
Concen: 0.323 ng/ul
RT: 17.427 min Scan# 3161
Delta R.T. -0.005 min
Lab File: BM034954.D
Acq: 05 May 2022 14:57

Tgt Ion:	178	Resp:	11473
Ion	Ratio	Lower	Upper
178	100		
179	16.6	16.5	24.7
176	20.3	18.3	27.5

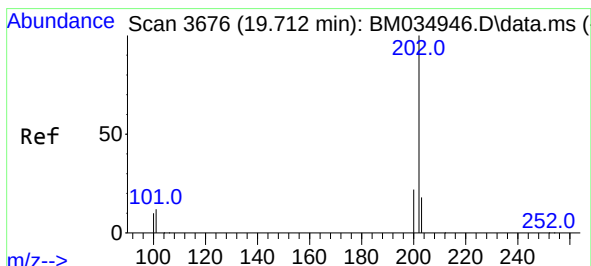
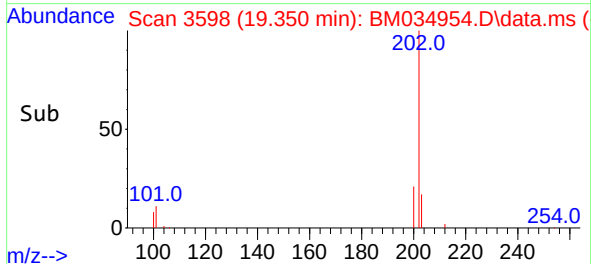
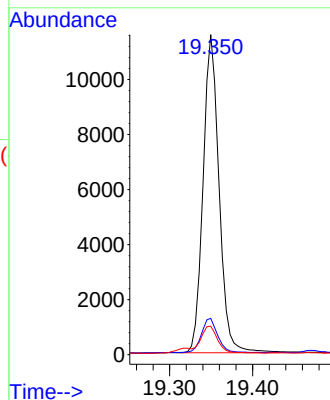
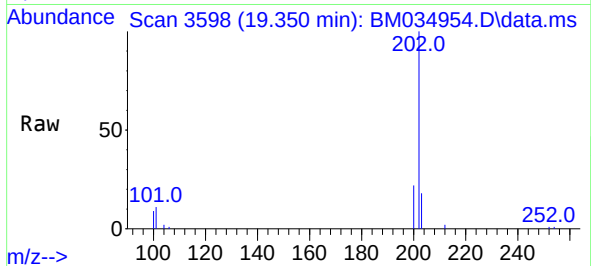




#19
Fluoranthene
Concen: 0.371 ng/u1
RT: 19.350 min Scan# 3598
Delta R.T. -0.006 min
Lab File: BM034954.D
Acq: 05 May 2022 14:57

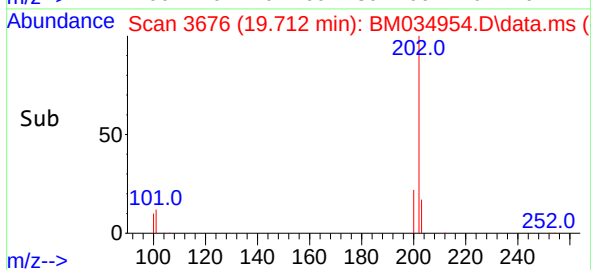
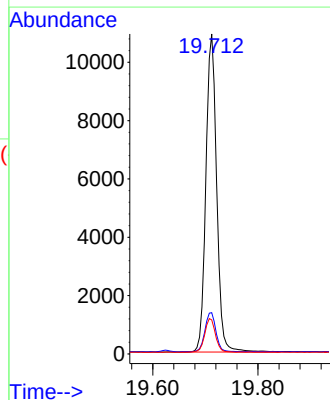
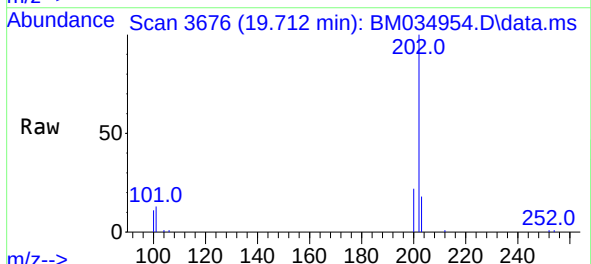
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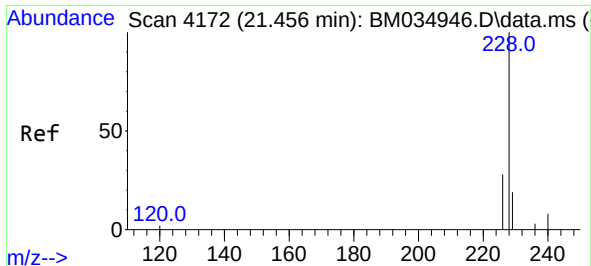
Tgt Ion:202 Resp: 15524
Ion Ratio Lower Upper
202 100
101 11.4 9.2 13.8
100 8.9 7.2 10.8



#20
Pyrene
Concen: 0.369 ng/u1
RT: 19.712 min Scan# 3676
Delta R.T. -0.001 min
Lab File: BM034954.D
Acq: 05 May 2022 14:57

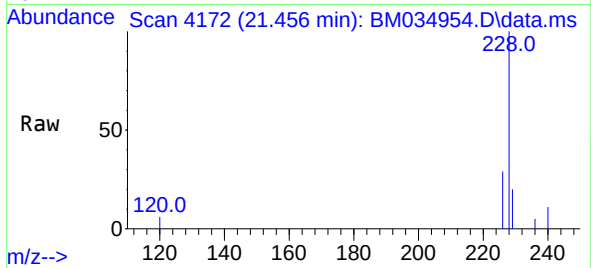
Tgt Ion:202 Resp: 15529
Ion Ratio Lower Upper
202 100
101 12.9 9.3 13.9
100 10.6 7.8 11.6





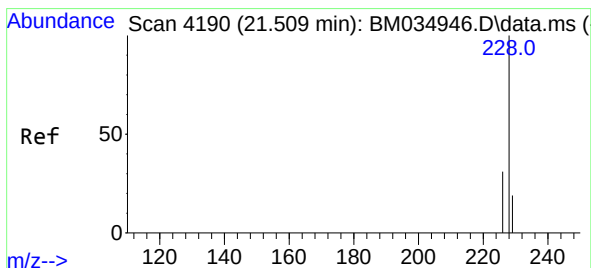
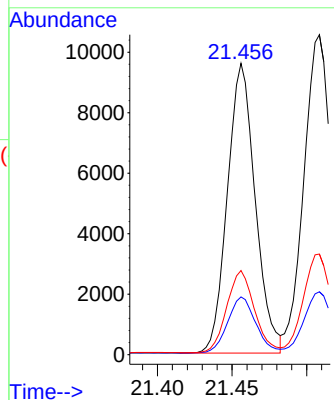
#21
Benzo(a)anthracene
Concen: 0.367 ng/ul
RT: 21.456 min Scan# 4172
Delta R.T. -0.002 min
Lab File: BM034954.D
Acq: 05 May 2022 14:57

Instrument :
BNA_M
ClientSampleId :
EXL67MS



Tgt Ion:228 Resp: 12445

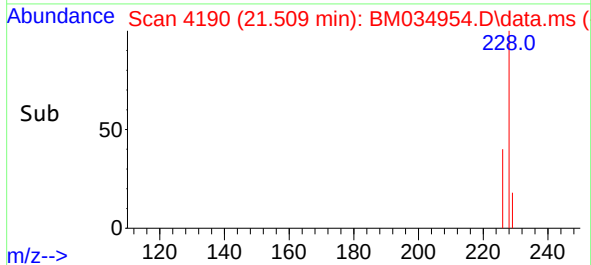
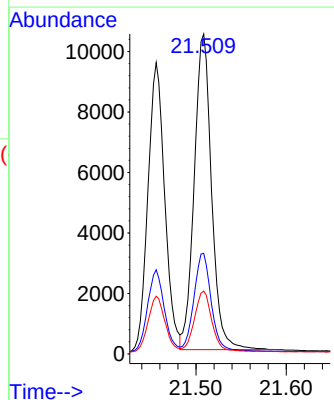
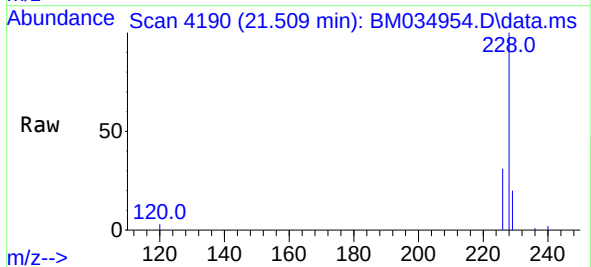
Ion	Ratio	Lower	Upper
228	100		
229	19.8	17.3	25.9
226	28.9	23.2	34.8

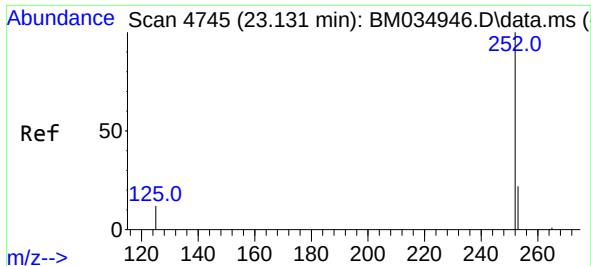


#22
Chrysene
Concen: 0.385 ng/ul
RT: 21.509 min Scan# 4190
Delta R.T. -0.002 min
Lab File: BM034954.D
Acq: 05 May 2022 14:57

Tgt Ion:228 Resp: 13917

Ion	Ratio	Lower	Upper
228	100		
226	31.5	25.8	38.8
229	19.7	16.7	25.1

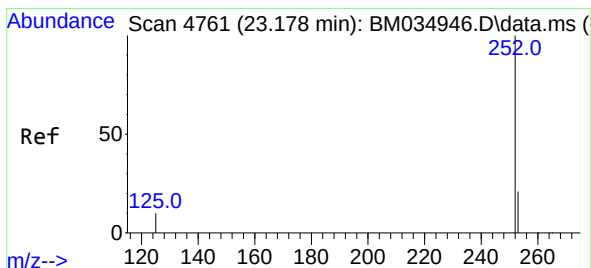
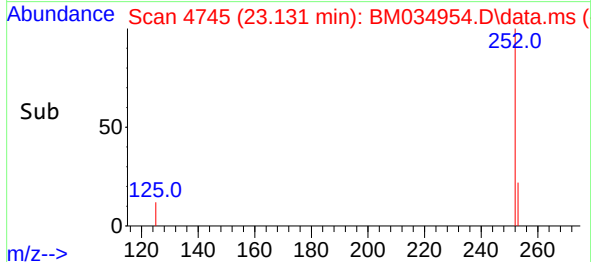
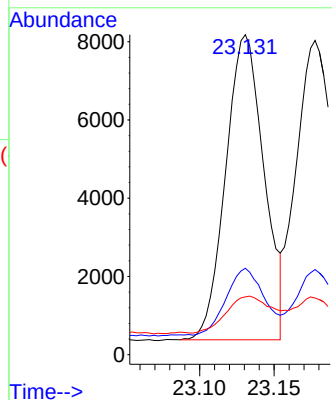
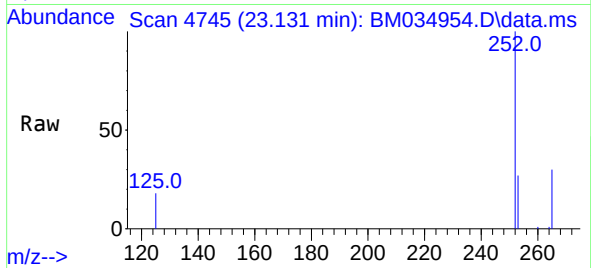




#24
Benzo(b)fluoranthene
Concen: 0.368 ng/ul
RT: 23.131 min Scan# 4745
Delta R.T. -0.005 min
Lab File: BM034954.D
Acq: 05 May 2022 14:57

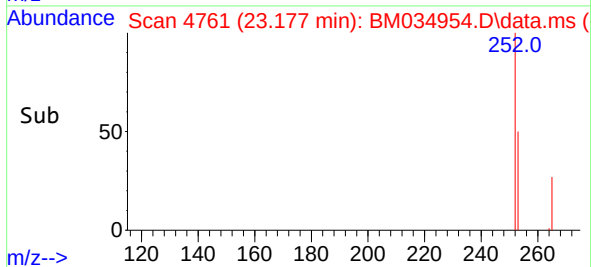
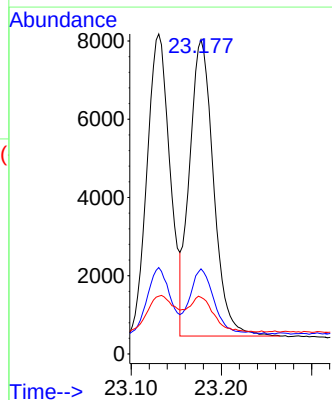
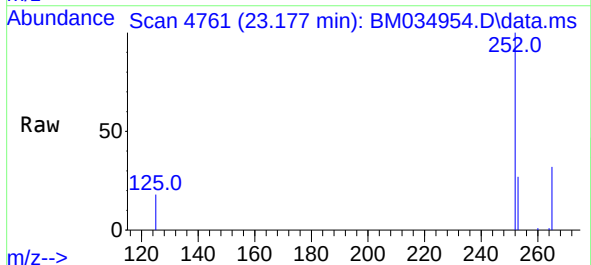
Instrument :
BNA_M
ClientSampleId :
EXL67MS

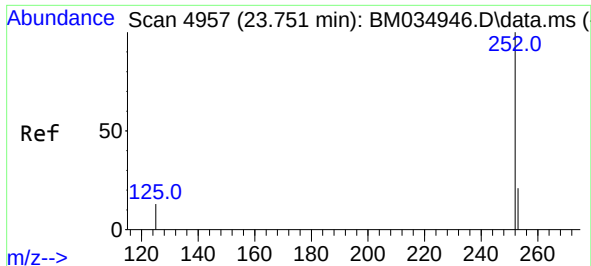
Tgt Ion:	252	Resp:	13939
Ion	Ratio	Lower	Upper
252	100		
253	27.0	0.0	64.2
125	18.0	0.0	28.8



#25
Benzo(k)fluoranthene
Concen: 0.369 ng/ul
RT: 23.177 min Scan# 4761
Delta R.T. -0.005 min
Lab File: BM034954.D
Acq: 05 May 2022 14:57

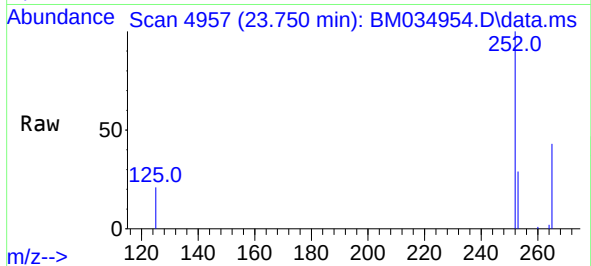
Tgt Ion:	252	Resp:	13989
Ion	Ratio	Lower	Upper
252	100		
253	27.1	26.8	40.2
125	18.0	12.0	18.0



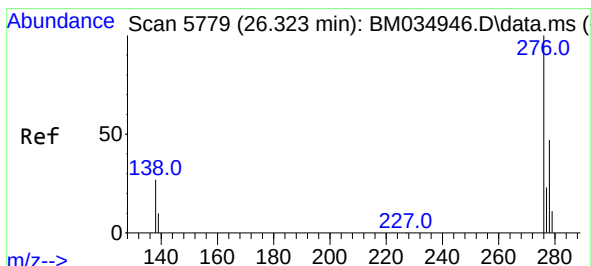
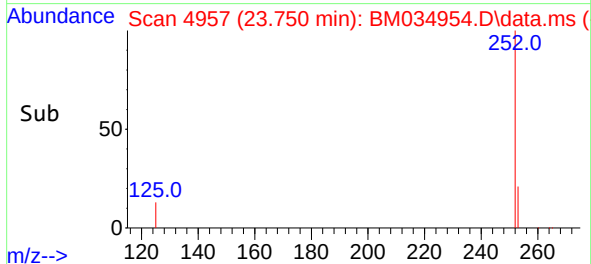
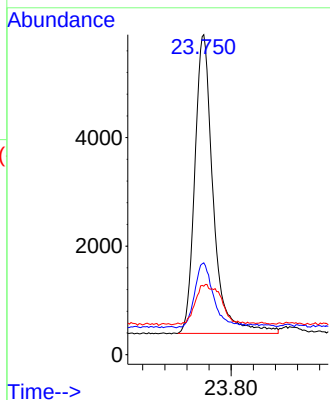


#26
Benzo(a)pyrene
Concen: 0.411 ng/ul
RT: 23.750 min Scan# 4957
Delta R.T. -0.005 min
Lab File: BM034954.D
Acq: 05 May 2022 14:57

Instrument :
BNA_M
ClientSampleId :
EXL67MS

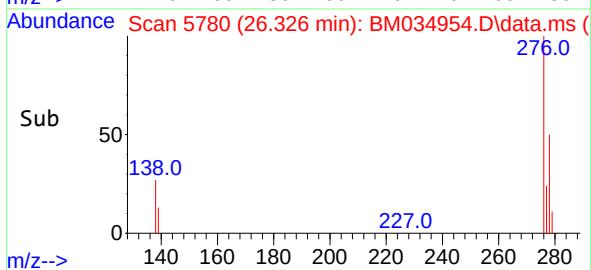
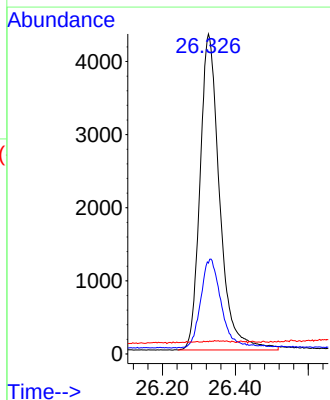
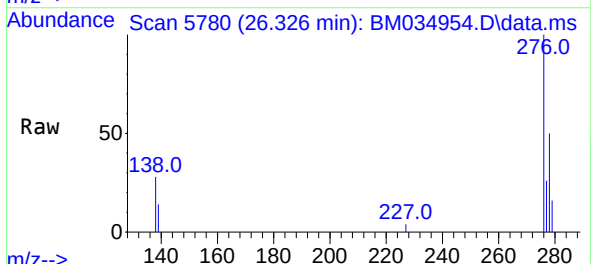


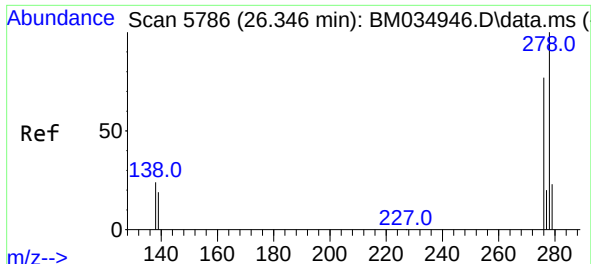
Tgt Ion:252 Resp: 12727
Ion Ratio Lower Upper
252 100
253 28.7 32.0 48.0#
125 21.4 14.5 21.7



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.371 ng/ul
RT: 26.326 min Scan# 5780
Delta R.T. -0.009 min
Lab File: BM034954.D
Acq: 05 May 2022 14:57

Tgt Ion:276 Resp: 16125
Ion Ratio Lower Upper
276 100
138 29.7 15.8 23.6#
227 0.7 0.0 0.0#

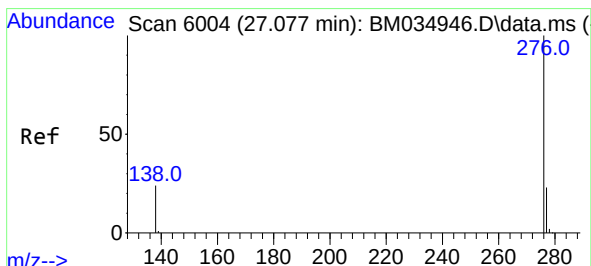
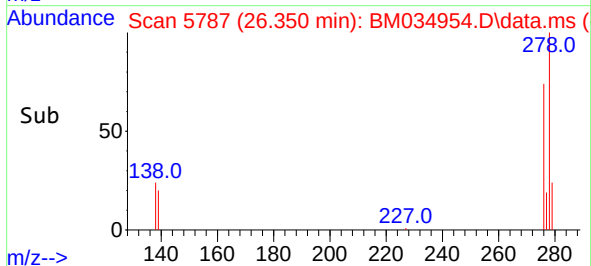
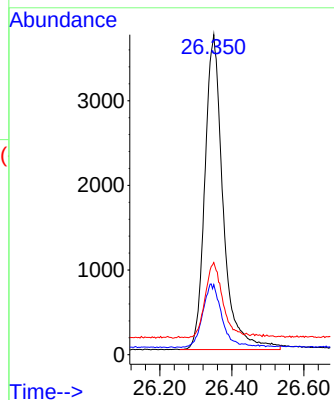
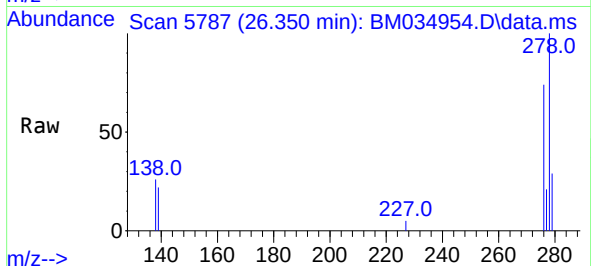




#28
Dibenzo(a,h)anthracene
Concen: 0.370 ng/ul
RT: 26.350 min Scan# 51
Delta R.T. -0.003 min
Lab File: BM034954.D
Acq: 05 May 2022 14:57

Instrument :
BNA_M
ClientSampleId :
EXL67MS

Tgt Ion:278 Resp: 13069
Ion Ratio Lower Upper
278 100
139 21.9 18.0 27.0
279 28.8 28.6 42.8



#29
Benzo(g,h,i)perylene
Concen: 0.373 ng/ul
RT: 27.081 min Scan# 6005
Delta R.T. -0.006 min
Lab File: BM034954.D
Acq: 05 May 2022 14:57

Tgt Ion:276 Resp: 13993
Ion Ratio Lower Upper
276 100
138 26.8 17.4 26.0#
277 25.2 22.6 33.8

