

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050522\
 Data File : BM034955.D
 Acq On : 05 May 2022 15:33
 Operator : CG/JU
 Sample : N2668-06MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EXL67MSD

Quant Time: May 06 02:51:05 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)

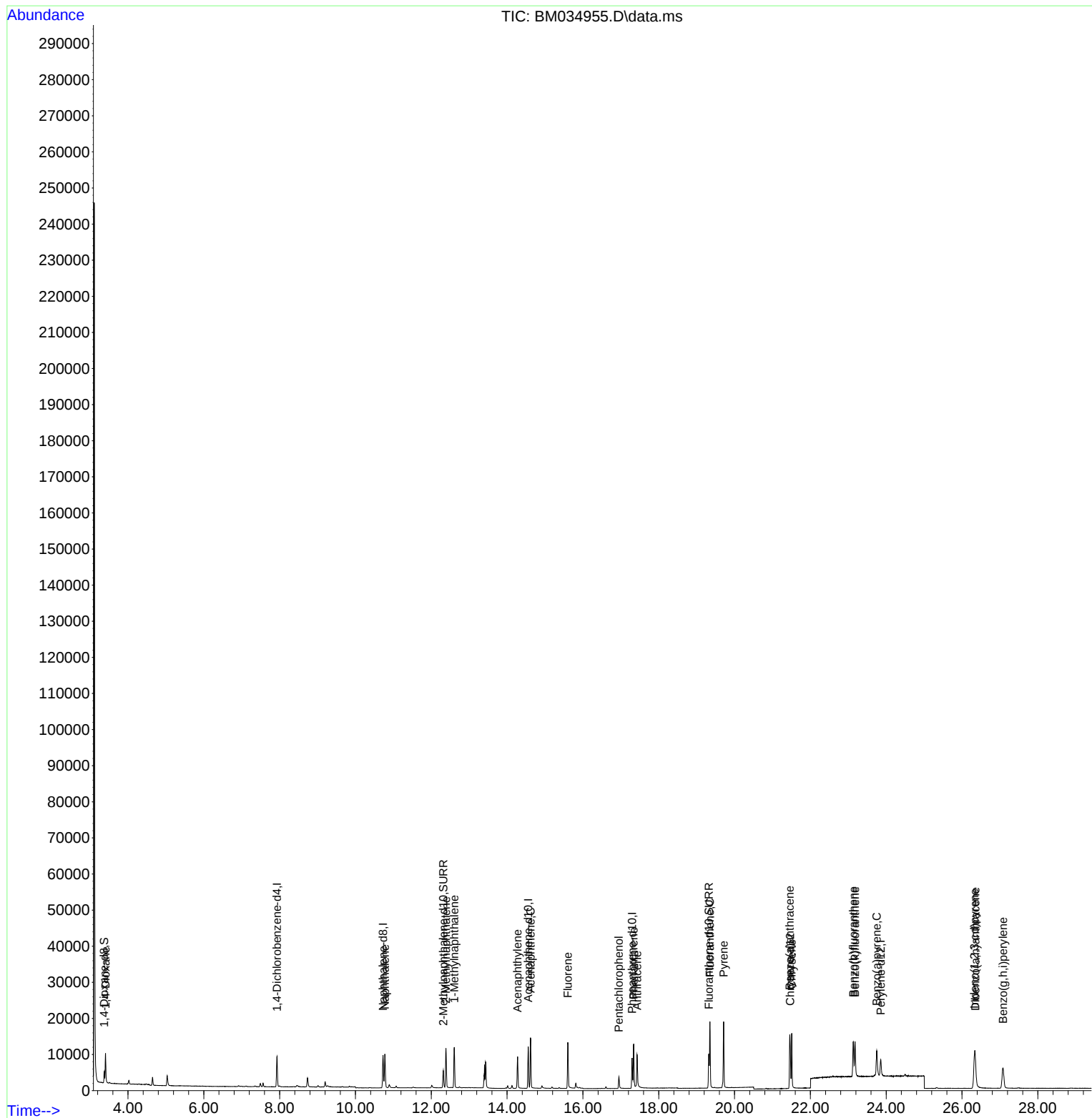
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.930	152	4418	0.400	ng/ul	0.00
4) Naphthalene-d8	10.727	136	11974	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.557	164	6102	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.297	188	10626	0.400	ng/ul	0.00
17) Chrysene-d12	21.471	240	6909	0.400	ng/ul #	0.00
23) Perylene-d12	23.856	264	6482	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.374	96	1866	0.382	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.316	152	6215	0.369	ng/ul	0.00
18) Fluoranthene-d10	19.322	212	10566	0.485	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.407	88	4904	1.054	ng/ul#	81
5) Naphthalene	10.776	128	12398	0.362	ng/ul#	88
7) 2-Methylnaphthalene	12.387	142	7791	0.343	ng/ul	99
8) 1-Methylnaphthalene	12.607	142	7684	0.344	ng/ul	99
10) Acenaphthylene	14.275	152	10608	0.398	ng/ul#	91
11) Acenaphthene	14.617	153	8159	0.362	ng/ul	98
12) Fluorene	15.602	166	8700	0.342	ng/ul#	97
14) Pentachlorophenol	16.950	266	2339	0.742	ng/ul	98
15) Phenanthrene	17.339	178	13678	0.389	ng/ul	95
16) Anthracene	17.427	178	11705	0.374	ng/ul	93
19) Fluoranthene	19.350	202	15686	0.473	ng/ul	99
20) Pyrene	19.712	202	15631	0.469	ng/ul	98
21) Benzo(a)anthracene	21.456	228	11965	0.445	ng/ul	97
22) Chrysene	21.506	228	13205	0.461	ng/ul	98
24) Benzo(b)fluoranthene	23.131	252	13142	0.444	ng/ul	90
25) Benzo(k)fluoranthene	23.178	252	13256	0.448	ng/ul#	89
26) Benzo(a)pyrene	23.751	252	11972	0.496	ng/ul#	86
27) Indeno(1,2,3-cd)pyrene	26.330	276	15288	0.451	ng/ul#	78
28) Dibenzo(a,h)anthracene	26.350	278	12355	0.448	ng/ul	92
29) Benzo(g,h,i)perylene	27.081	276	13254	0.453	ng/ul#	93

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

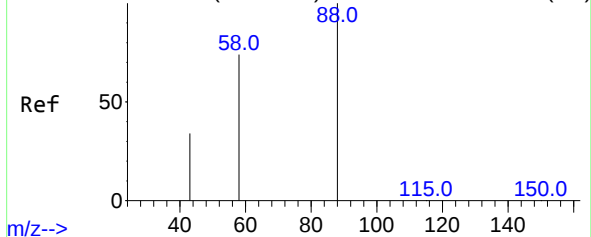
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050522\
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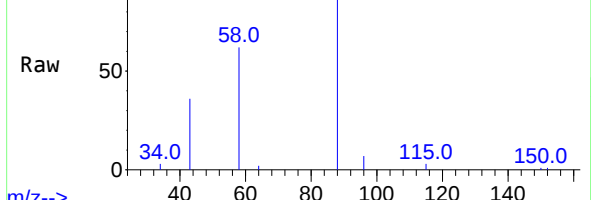


Abundance Scan 77 (3.407 min): BM034946.D\data.ms (-71)



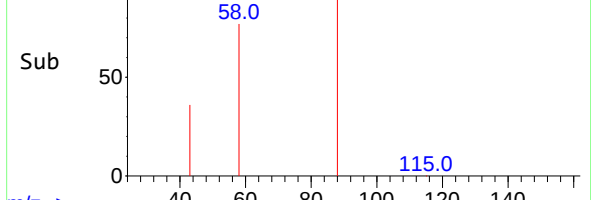
m/z-->

Abundance Scan 77 (3.407 min): BM034955.D\data.ms



m/z-->

Abundance Scan 77 (3.407 min): BM034955.D\data.ms (-65)



m/z-->

#2

1,4-Dioxane

Concen: 1.054 ng/ul

RT: 3.407 min Scan# 71

Delta R.T. 0.000 min

Lab File: BM034955.D

Acq: 05 May 2022 15:33

Instrument :

BNA_M

ClientSampleId :

EXL67MSD

Tgt Ion: 88 Resp: 4904

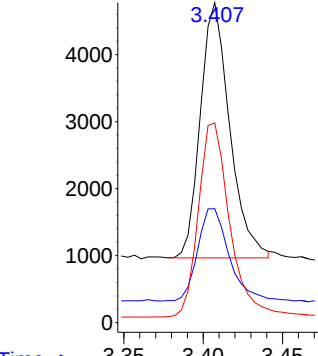
Ion Ratio Lower Upper

88 100

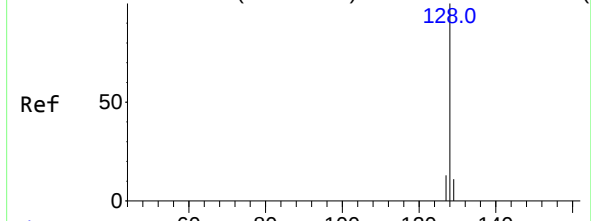
43 35.6 49.7 74.5#

58 62.4 52.5 78.7

Abundance

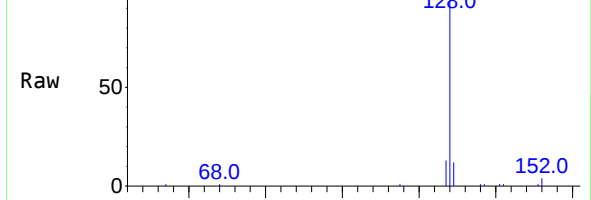


Abundance Scan 1784 (10.776 min): BM034946.D\data.ms (-71)



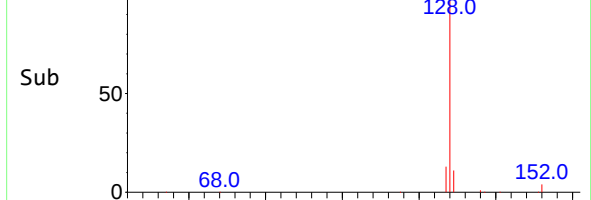
m/z-->

Abundance Scan 1784 (10.776 min): BM034955.D\data.ms



m/z-->

Abundance Scan 1784 (10.776 min): BM034955.D\data.ms (-65)



m/z-->

#5

Naphthalene

Concen: 0.362 ng/ul

RT: 10.776 min Scan# 1784

Delta R.T. -0.005 min

Lab File: BM034955.D

Acq: 05 May 2022 15:33

Tgt Ion:128 Resp: 12398

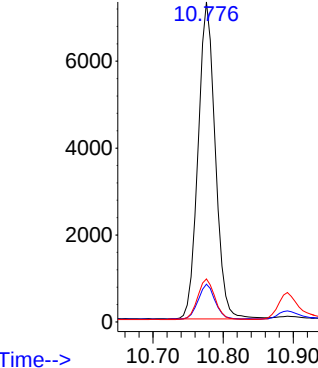
Ion Ratio Lower Upper

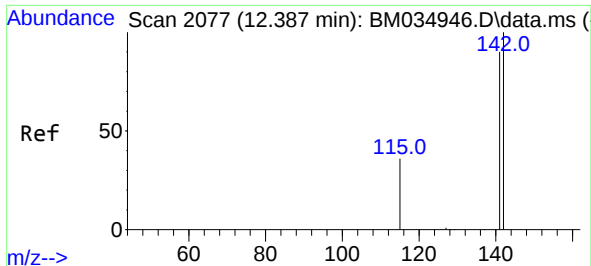
128 100

129 11.8 13.4 20.2#

127 13.5 15.2 22.8#

Abundance

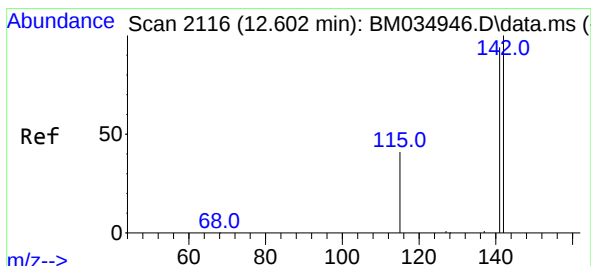
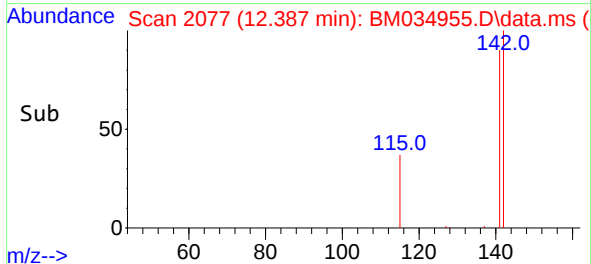
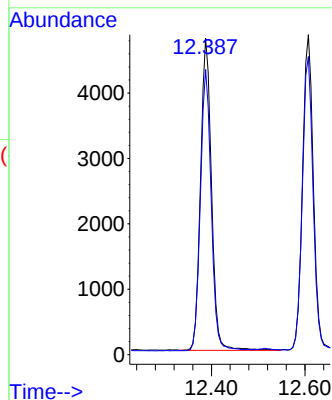
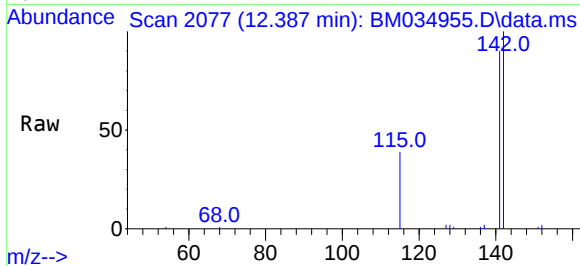




#7
2-Methylnaphthalene
Concen: 0.343 ng/ul
RT: 12.387 min Scan# 2077
Delta R.T. -0.005 min
Lab File: BM034955.D
Acq: 05 May 2022 15:33

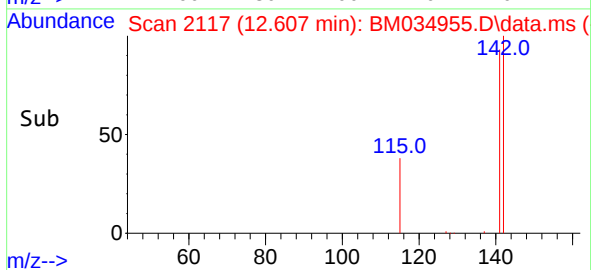
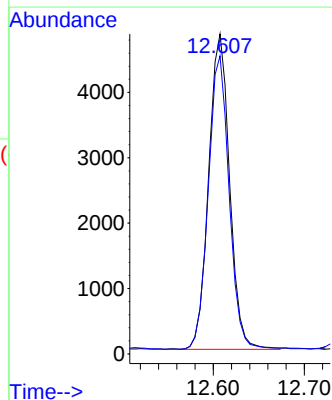
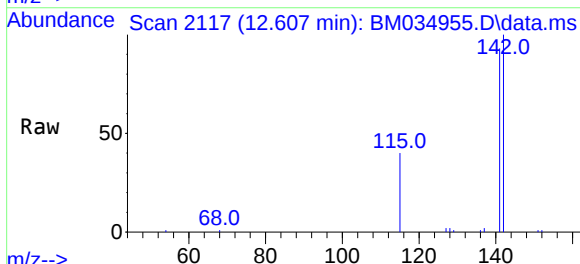
Instrument :
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EXL67MSD

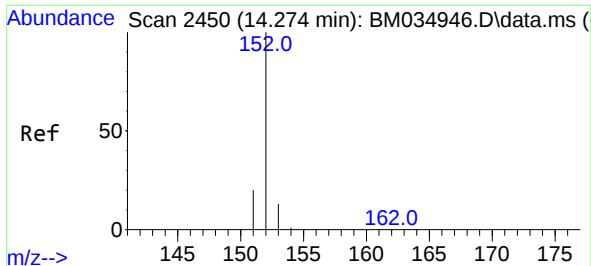
Tgt Ion:142 Resp: 7791
Ion Ratio Lower Upper
142 100
141 89.2 71.8 107.6



#8
1-Methylnaphthalene
Concen: 0.344 ng/ul
RT: 12.607 min Scan# 2117
Delta R.T. 0.000 min
Lab File: BM034955.D
Acq: 05 May 2022 15:33

Tgt Ion:142 Resp: 7684
Ion Ratio Lower Upper
142 100
141 92.5 75.0 112.4

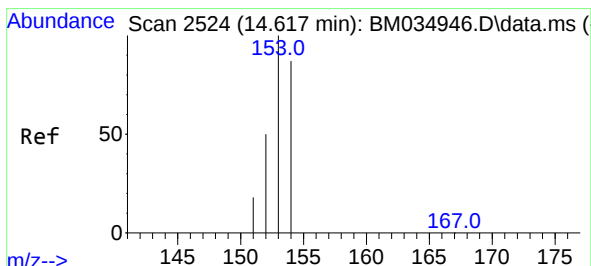
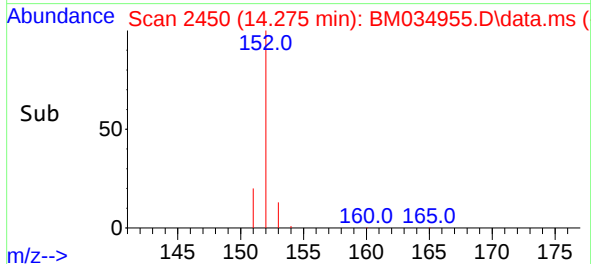
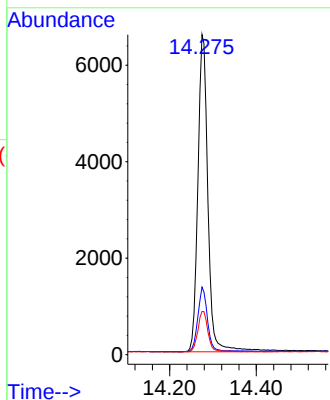
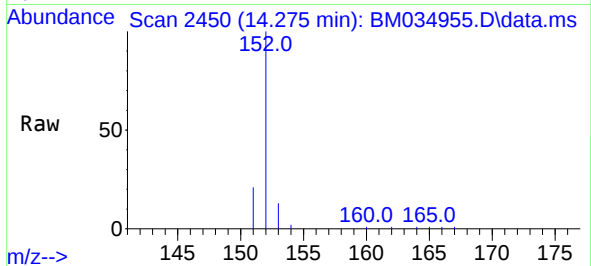




#10
Acenaphthylene
Concen: 0.398 ng/ul
RT: 14.275 min Scan# 2450
Delta R.T. -0.005 min
Lab File: BM034955.D
Acq: 05 May 2022 15:33

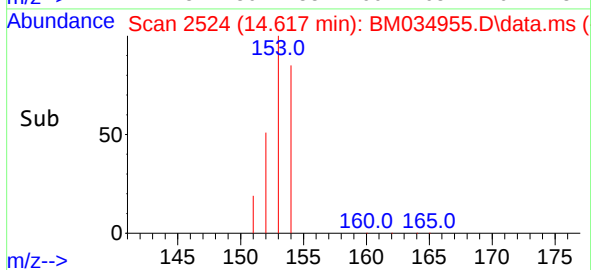
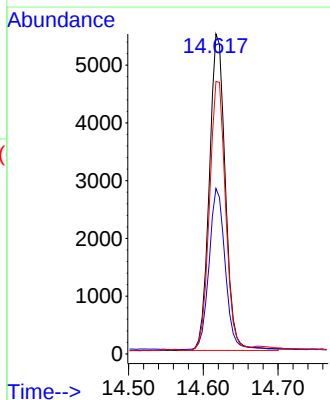
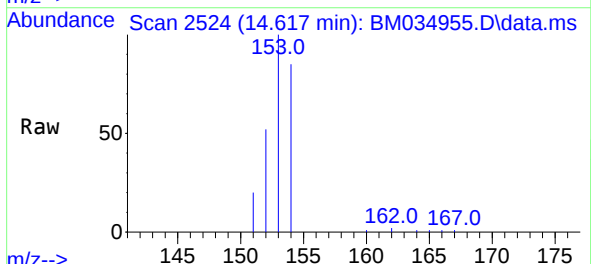
Instrument :
BNA_M
ClientSampleId :
EXL67MSD

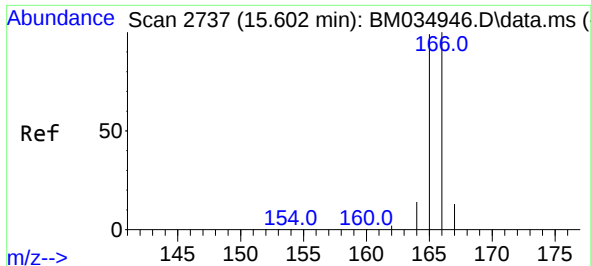
Tgt Ion:	152	Resp:	10608
Ion Ratio	Lower	Upper	
152	100		
151	21.1	19.9	29.9
153	13.5	15.0	22.4



#11
Acenaphthene
Concen: 0.362 ng/ul
RT: 14.617 min Scan# 2524
Delta R.T. -0.005 min
Lab File: BM034955.D
Acq: 05 May 2022 15:33

Tgt Ion:	153	Resp:	8159
Ion Ratio	Lower	Upper	
153	100		
152	51.7	42.4	63.6
154	85.2	66.2	99.2

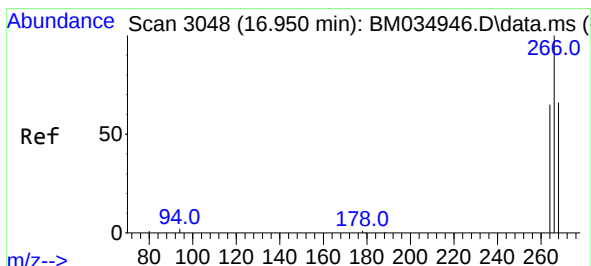
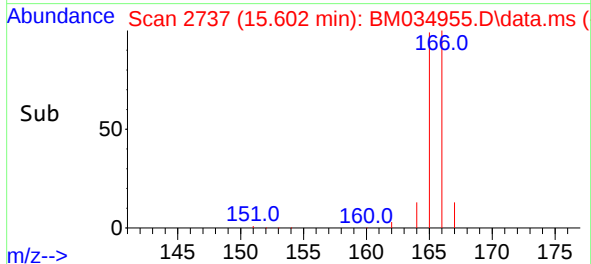
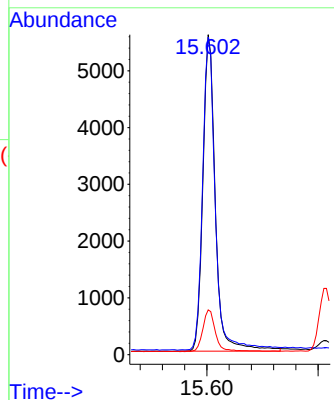
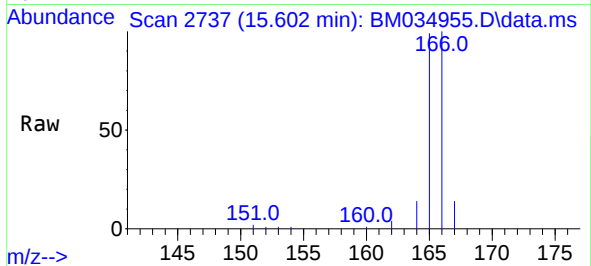




#12
Fluorene
Concen: 0.342 ng/ul
RT: 15.602 min Scan# 21
Delta R.T. -0.005 min
Lab File: BM034955.D
Acq: 05 May 2022 15:33

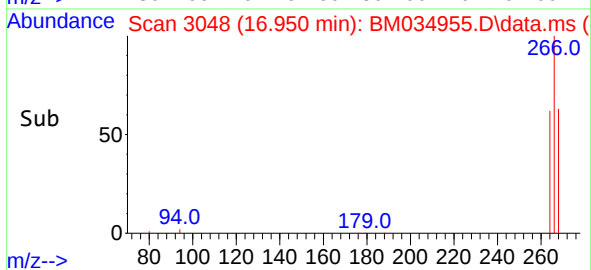
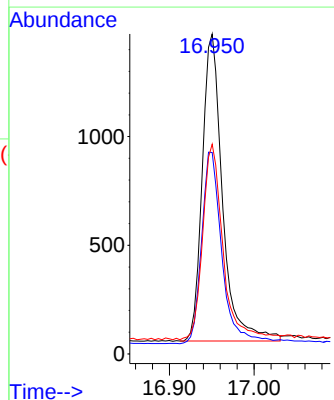
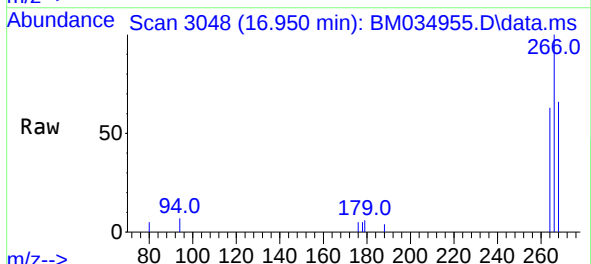
Instrument :
BNA_M
ClientSampleId :
EXL67MSD

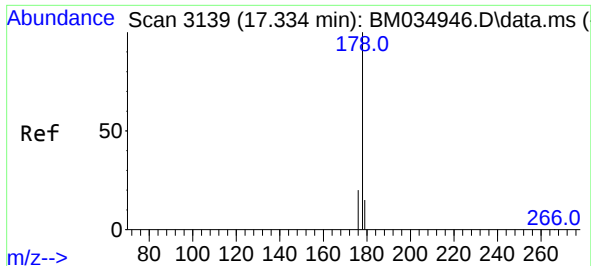
Tgt Ion:166 Resp: 8700
Ion Ratio Lower Upper
166 100
165 99.2 81.1 121.7
167 14.0 14.9 22.3#



#14
Pentachlorophenol
Concen: 0.742 ng/ul
RT: 16.950 min Scan# 3048
Delta R.T. -0.001 min
Lab File: BM034955.D
Acq: 05 May 2022 15:33

Tgt Ion:266 Resp: 2339
Ion Ratio Lower Upper
266 100
264 63.0 51.4 77.0
268 64.0 53.1 79.7

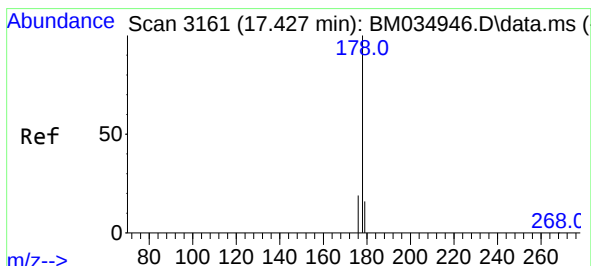
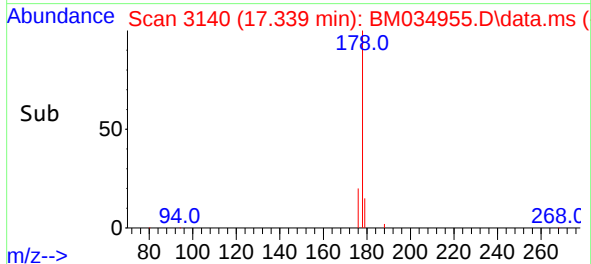
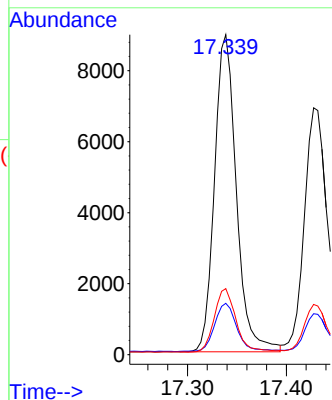
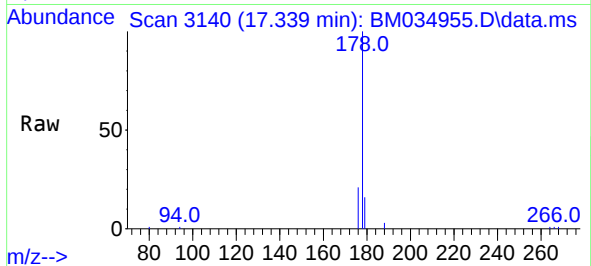




#15
Phenanthrene
Concen: 0.389 ng/ul
RT: 17.339 min Scan# 3139
Delta R.T. -0.001 min
Lab File: BM034955.D
Acq: 05 May 2022 15:33

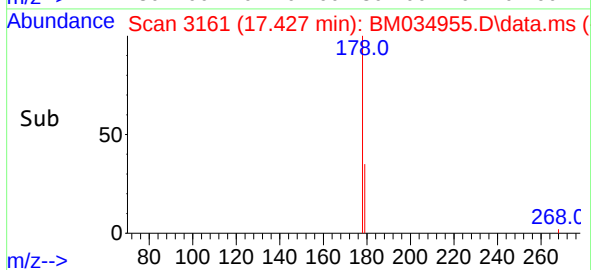
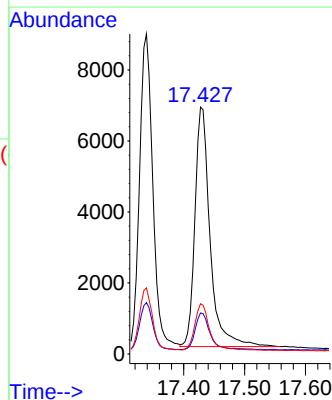
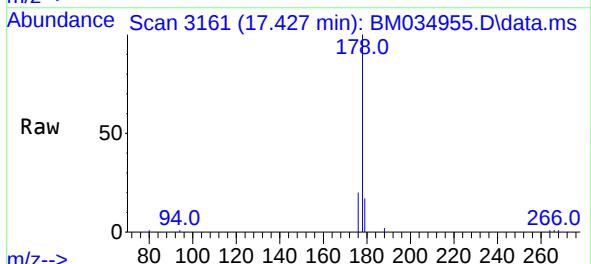
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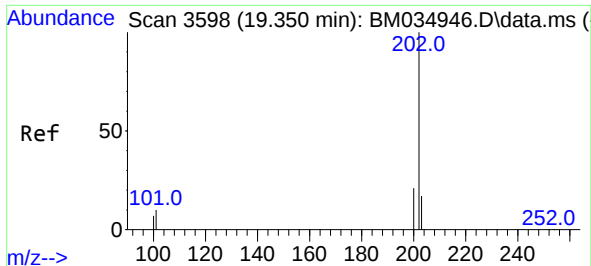
Tgt Ion:	178	Resp:	13678
Ion	Ratio	Lower	Upper
178	100		
179	16.0	15.0	22.6
176	20.7	17.9	26.9



#16
Anthracene
Concen: 0.374 ng/ul
RT: 17.427 min Scan# 3161
Delta R.T. -0.005 min
Lab File: BM034955.D
Acq: 05 May 2022 15:33

Tgt Ion:	178	Resp:	11705
Ion	Ratio	Lower	Upper
178	100		
179	16.6	16.5	24.7
176	20.3	18.3	27.5

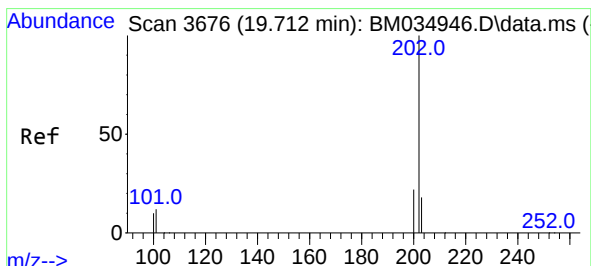
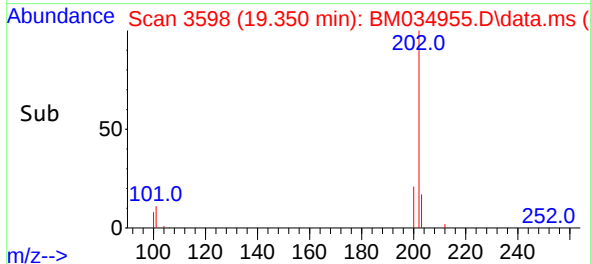
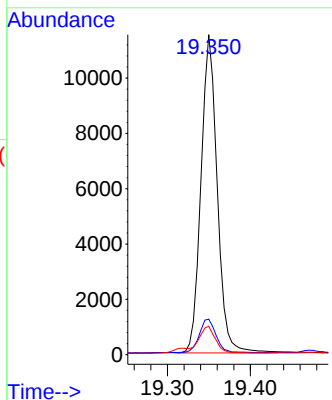
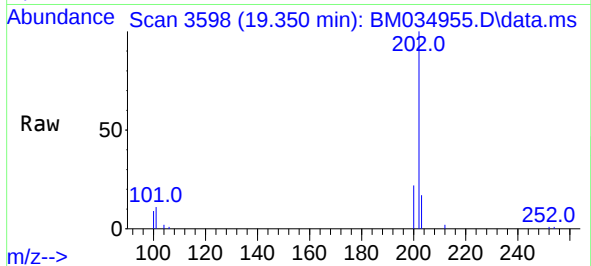




#19
Fluoranthene
Concen: 0.473 ng/u1
RT: 19.350 min Scan# 3598
Delta R.T. -0.005 min
Lab File: BM034955.D
Acq: 05 May 2022 15:33

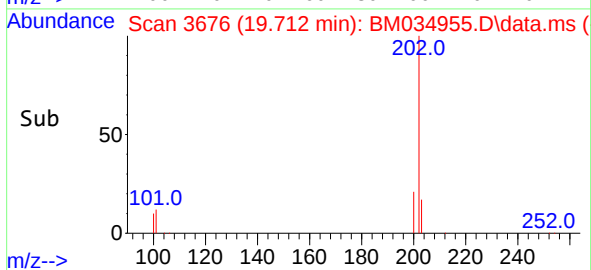
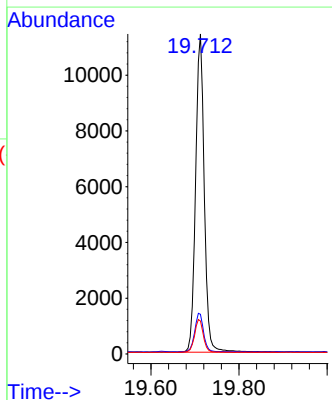
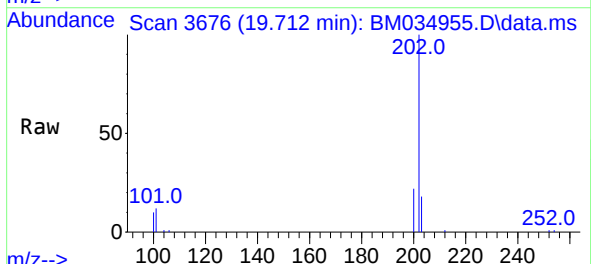
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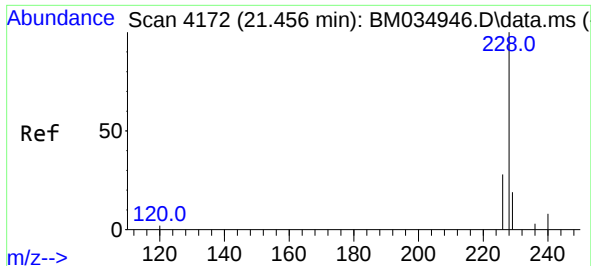
Tgt Ion:202 Resp: 15686
Ion Ratio Lower Upper
202 100
101 11.1 9.2 13.8
100 8.9 7.2 10.8



#20
Pyrene
Concen: 0.469 ng/u1
RT: 19.712 min Scan# 3676
Delta R.T. -0.001 min
Lab File: BM034955.D
Acq: 05 May 2022 15:33

Tgt Ion:202 Resp: 15631
Ion Ratio Lower Upper
202 100
101 12.4 9.3 13.9
100 10.3 7.8 11.6

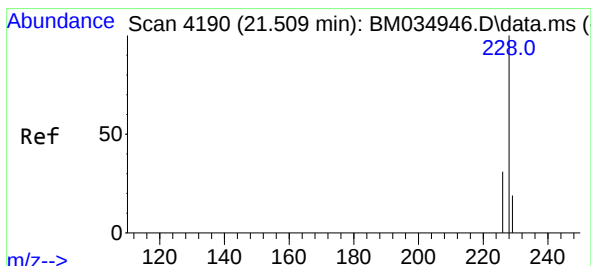
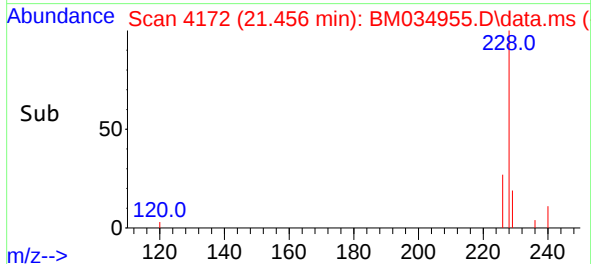
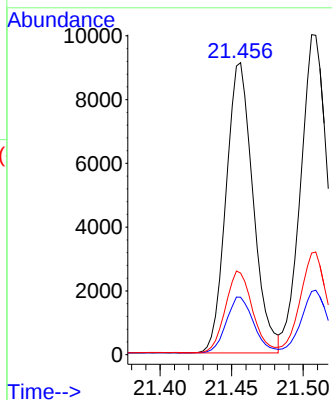
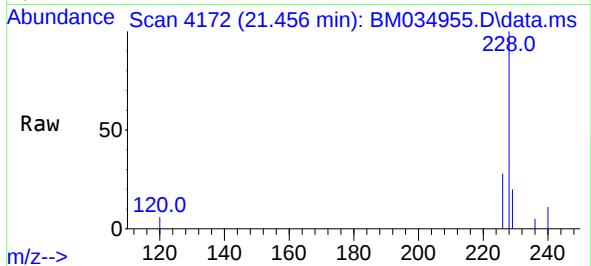




#21
Benzo(a)anthracene
Concen: 0.445 ng/ul
RT: 21.456 min Scan# 4172
Delta R.T. -0.002 min
Lab File: BM034955.D
Acq: 05 May 2022 15:33

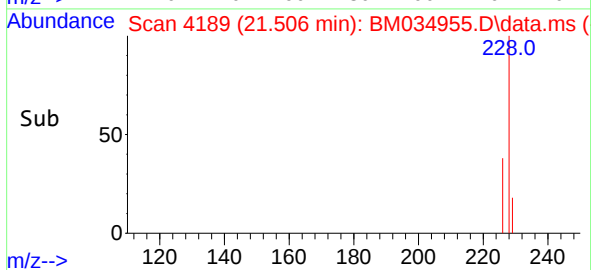
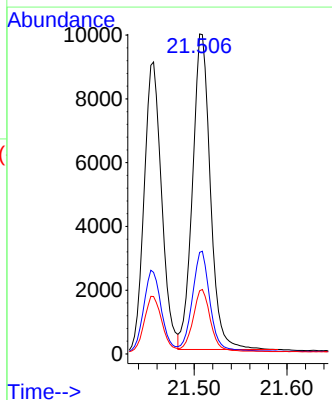
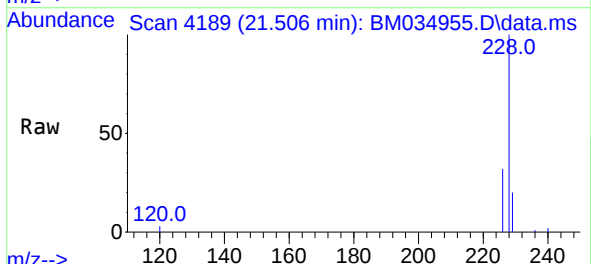
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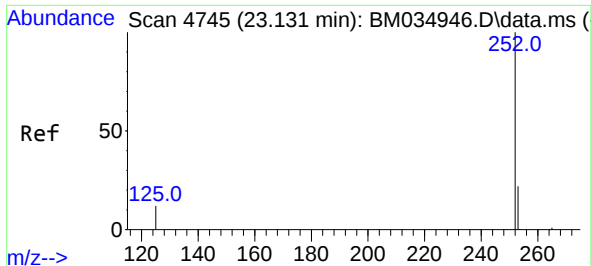
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Ion Ratio	Lower	Upper
228	100	
229	19.7	17.3 25.9
226	28.0	23.2 34.8



#22
Chrysene
Concen: 0.461 ng/ul
RT: 21.506 min Scan# 4189
Delta R.T. -0.005 min
Lab File: BM034955.D
Acq: 05 May 2022 15:33

Tgt Ion:228	Resp:	13205
Ion Ratio	Lower	Upper
228	100	
226	31.8	25.8 38.8
229	19.7	16.7 25.1

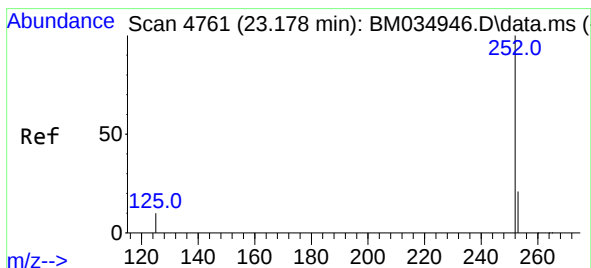
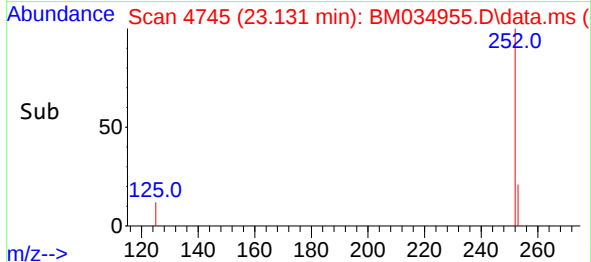
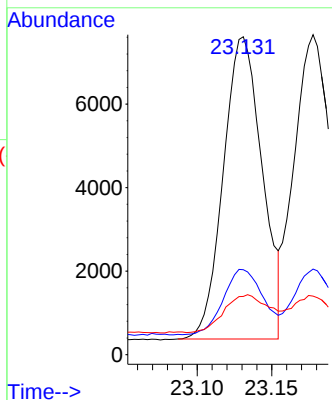
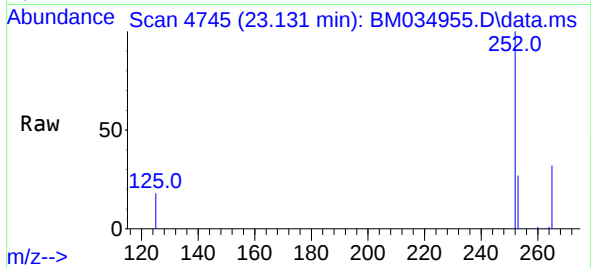




#24
Benzo(b)fluoranthene
Concen: 0.444 ng/ul
RT: 23.131 min Scan# 4745
Delta R.T. -0.005 min
Lab File: BM034955.D
Acq: 05 May 2022 15:33

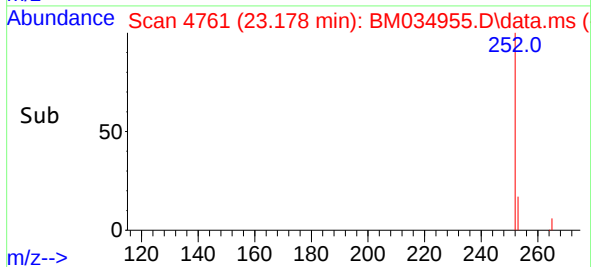
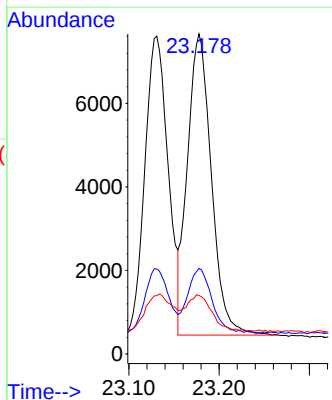
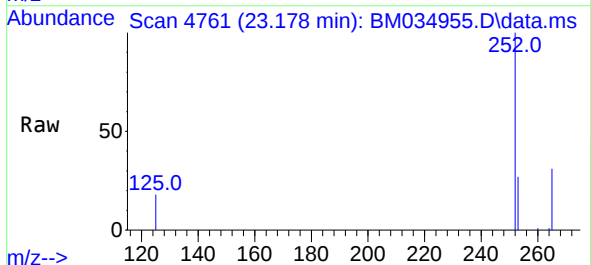
Instrument :
BNA_M
ClientSampleId :
EXL67MSD

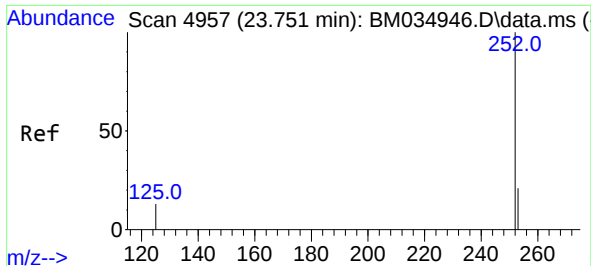
Tgt Ion:252 Resp: 13142
Ion Ratio Lower Upper
252 100
253 26.7 0.0 64.2
125 18.3 0.0 28.8



#25
Benzo(k)fluoranthene
Concen: 0.448 ng/ul
RT: 23.178 min Scan# 4761
Delta R.T. -0.005 min
Lab File: BM034955.D
Acq: 05 May 2022 15:33

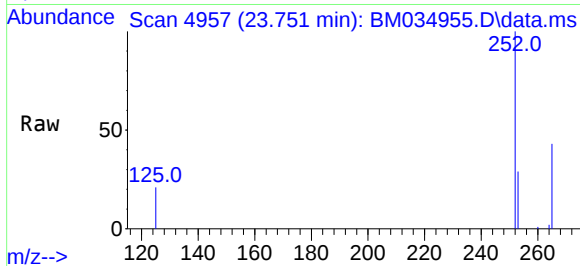
Tgt Ion:252 Resp: 13256
Ion Ratio Lower Upper
252 100
253 26.7 26.8 40.2#
125 18.3 12.0 18.0#



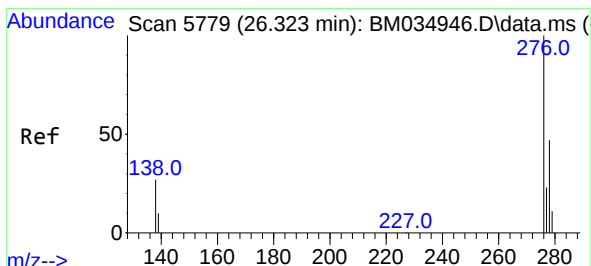
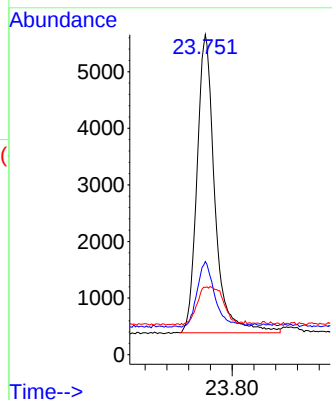


#26
Benzo(a)pyrene
Concen: 0.496 ng/ul
RT: 23.751 min Scan# 4957
Delta R.T. -0.005 min
Lab File: BM034955.D
Acq: 05 May 2022 15:33

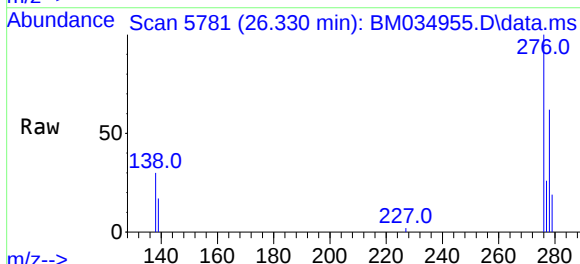
Instrument :
BNA_M
ClientSampleId :
EXL67MSD



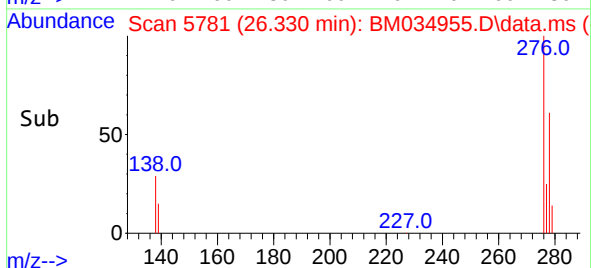
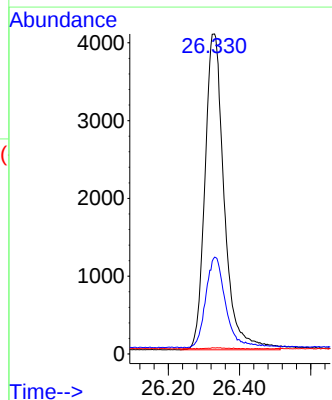
Tgt Ion:252 Resp: 11972
Ion Ratio Lower Upper
252 100
253 29.1 32.0 48.0#
125 21.0 14.5 21.7

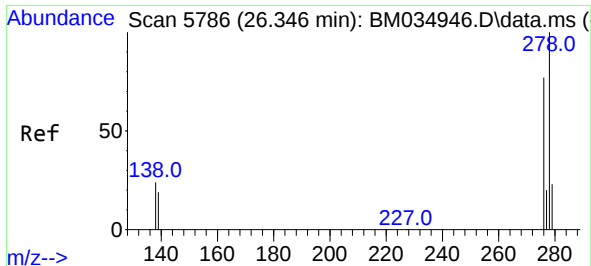


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.451 ng/ul
RT: 26.330 min Scan# 5781
Delta R.T. -0.006 min
Lab File: BM034955.D
Acq: 05 May 2022 15:33



Tgt Ion:276 Resp: 15288
Ion Ratio Lower Upper
276 100
138 29.8 15.8 23.6#
227 0.3 0.0 0.0#

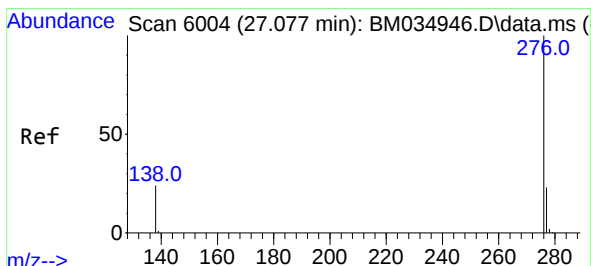
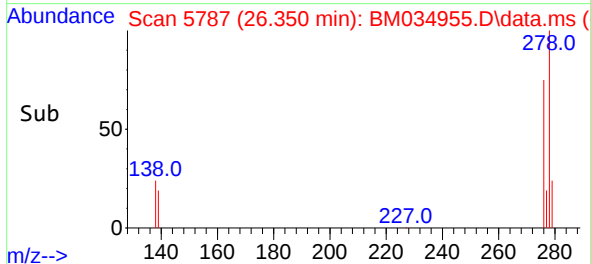
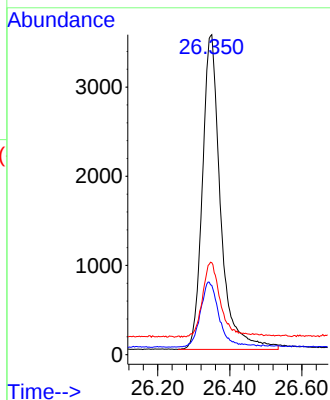
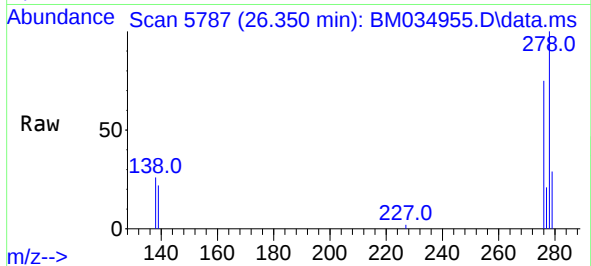




#28
Dibenzo(a,h)anthracene
Concen: 0.448 ng/ul
RT: 26.350 min Scan# 51
Delta R.T. -0.002 min
Lab File: BM034955.D
Acq: 05 May 2022 15:33

Instrument :
BNA_M
ClientSampleId :
EXL67MSD

Tgt Ion:	278	Resp:	12355
Ion	Ratio	Lower	Upper
278	100		
139	21.6	18.0	27.0
279	28.7	28.6	42.8



#29
Benzo(g,h,i)perylene
Concen: 0.453 ng/ul
RT: 27.081 min Scan# 6005
Delta R.T. -0.006 min
Lab File: BM034955.D
Acq: 05 May 2022 15:33

Tgt Ion:	276	Resp:	13254
Ion	Ratio	Lower	Upper
276	100		
138	26.1	17.4	26.0#
277	25.0	22.6	33.8

