

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050322\
 Data File : BM034935.D
 Acq On : 04 May 2022 18:27
 Operator : CG/JU
 Sample : N2622-01
 Misc :
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SP-100-20220428

Quant Time: May 05 04:13:11 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)

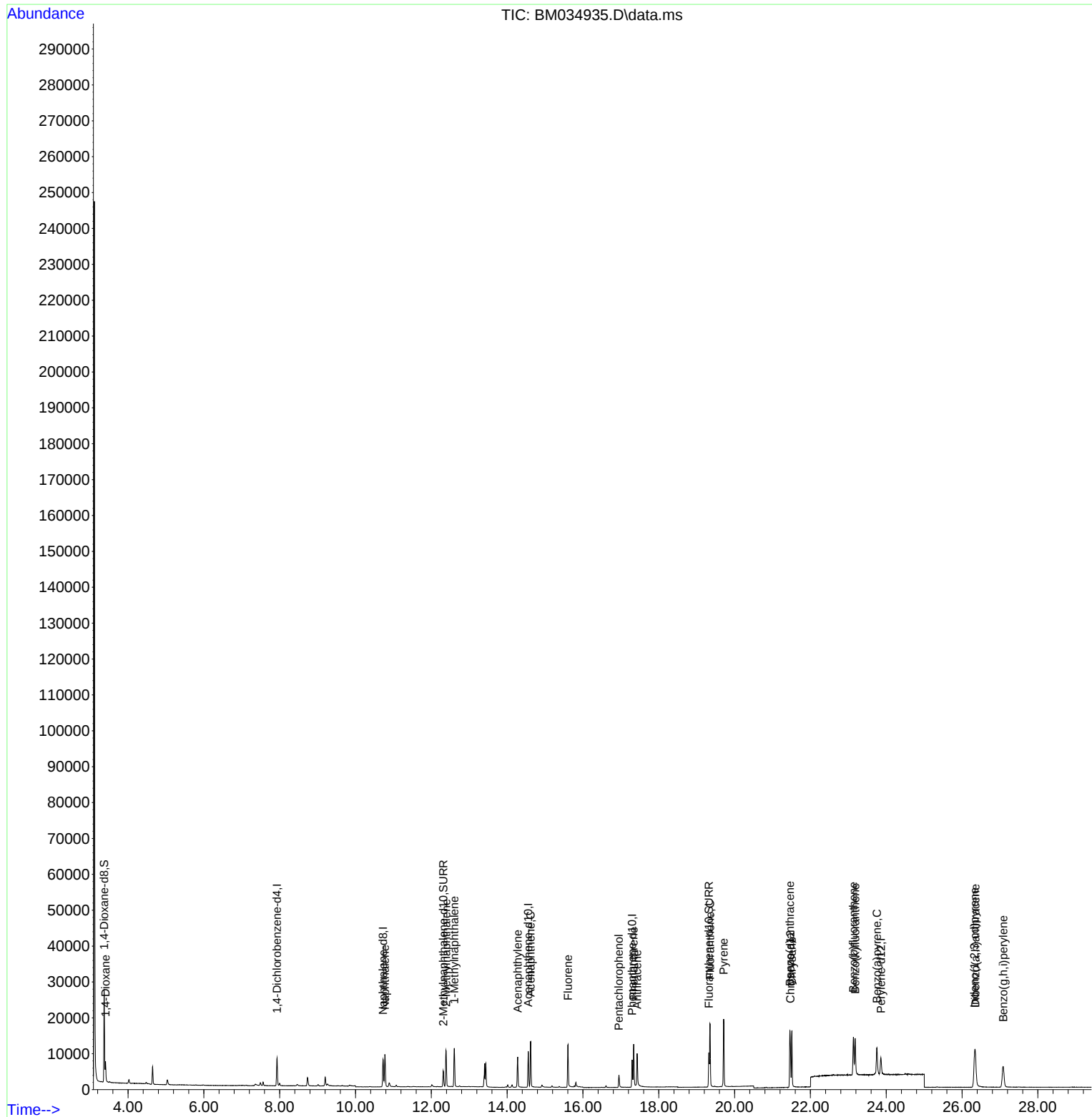
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.930	152	4107	0.400	ng/ul	0.00
4) Naphthalene-d8	10.726	136	10670	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.556	164	5440	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.296	188	9865	0.400	ng/ul	0.00
17) Chrysene-d12	21.473	240	7198	0.400	ng/ul #	0.00
23) Perylene-d12	23.859	264	6725	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.373	96	14756	3.248	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.316	152	5726	0.382	ng/ul	0.00
18) Fluoranthene-d10	19.322	212	10455	0.460	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.407	88	3155	0.730	ng/ul#	79
5) Naphthalene	10.776	128	11874	0.389	ng/ul#	88
7) 2-Methylnaphthalene	12.393	142	7477	0.369	ng/ul	99
8) 1-Methylnaphthalene	12.607	142	7295	0.366	ng/ul	99
10) Acenaphthylene	14.279	152	10054	0.423	ng/ul#	90
11) Acenaphthene	14.617	153	7687	0.382	ng/ul	98
12) Fluorene	15.607	166	8173	0.361	ng/ul#	97
14) Pentachlorophenol	16.950	266	2427	0.829	ng/ul	98
15) Phenanthrene	17.339	178	13433	0.412	ng/ul	95
16) Anthracene	17.431	178	11387	0.392	ng/ul	93
19) Fluoranthene	19.354	202	15772	0.456	ng/ul	97
20) Pyrene	19.712	202	15859	0.457	ng/ul	97
21) Benzo(a)anthracene	21.459	228	12668	0.452	ng/ul	98
22) Chrysene	21.511	228	13926	0.466	ng/ul	98
24) Benzo(b)fluoranthene	23.134	252	13869	0.452	ng/ul	90
25) Benzo(k)fluoranthene	23.180	252	13762	0.449	ng/ul#	90
26) Benzo(a)pyrene	23.753	252	12569	0.502	ng/ul#	85
27) Indeno(1,2,3-cd)pyrene	26.329	276	15827	0.450	ng/ul#	79
28) Dibenzo(a,h)anthracene	26.353	278	12821	0.448	ng/ul#	91
29) Benzo(g,h,i)perylene	27.087	276	13828	0.455	ng/ul	93

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

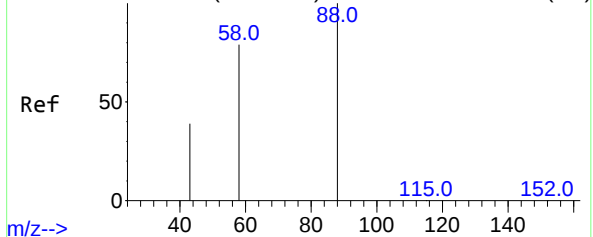
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050322\
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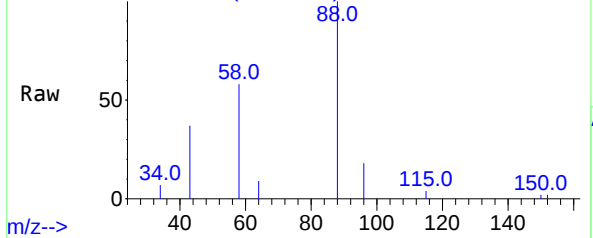
Quant Time: May 05 04:13:11 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM042222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 04 02:59:36 2022
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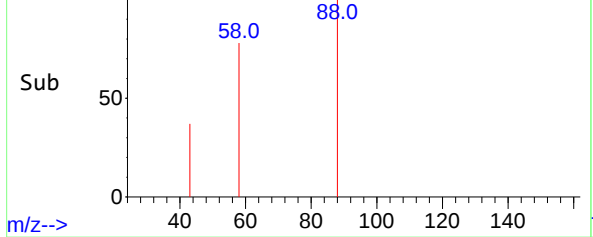
Abundance Scan 77 (3.407 min): BM034931.D\data.ms (-70)



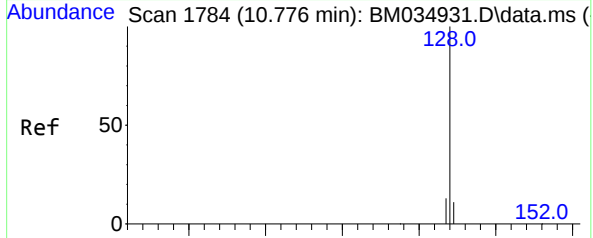
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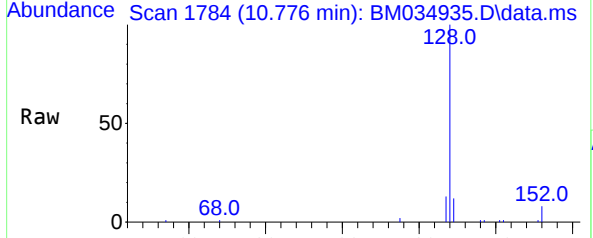
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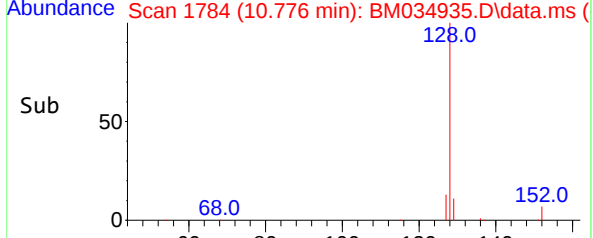
m/z-->



m/z-->



m/z-->



m/z-->

#2

1,4-Dioxane

Concen: 0.730 ng/ul

RT: 3.407 min Scan# 71

Delta R.T. -0.000 min

Lab File: BM034935.D

Acq: 04 May 2022 18:27

Instrument :

BNA_M

ClientSampleId :

SP-100-20220428

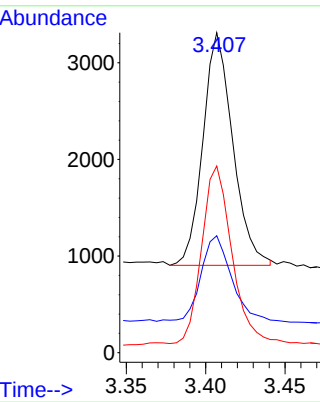
Tgt Ion: 88 Resp: 3155

Ion Ratio Lower Upper

88 100

43 36.5 49.7 74.5#

58 58.4 52.5 78.7



#5

Naphthalene

Concen: 0.389 ng/ul

RT: 10.776 min Scan# 1784

Delta R.T. -0.006 min

Lab File: BM034935.D

Acq: 04 May 2022 18:27

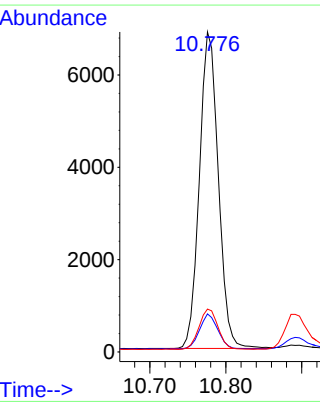
Tgt Ion:128 Resp: 11874

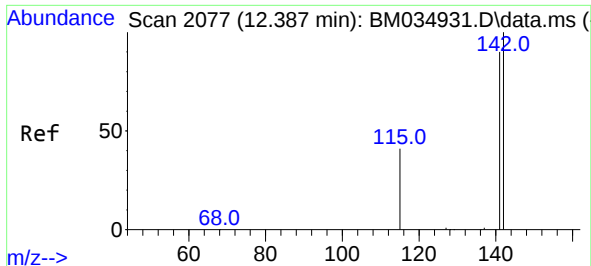
Ion Ratio Lower Upper

128 100

129 11.9 13.4 20.2#

127 13.4 15.2 22.8#

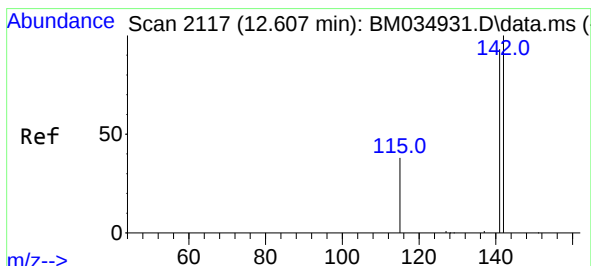
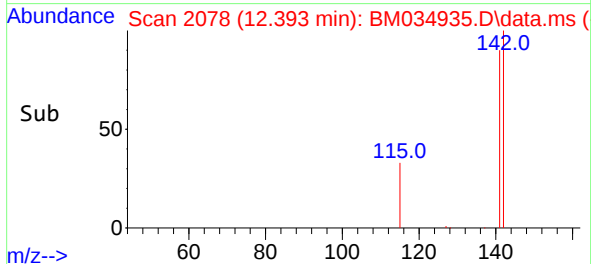
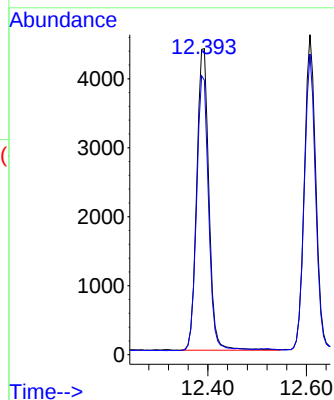
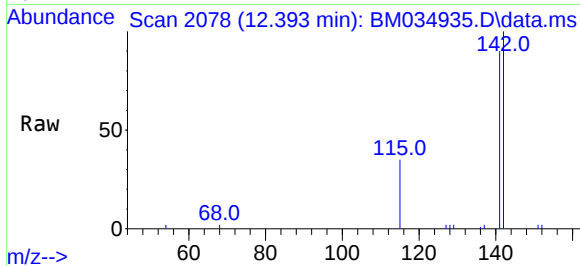




#7
2-Methylnaphthalene
Concen: 0.369 ng/ul
RT: 12.393 min Scan# 2077
Delta R.T. -0.000 min
Lab File: BM034935.D
Acq: 04 May 2022 18:27

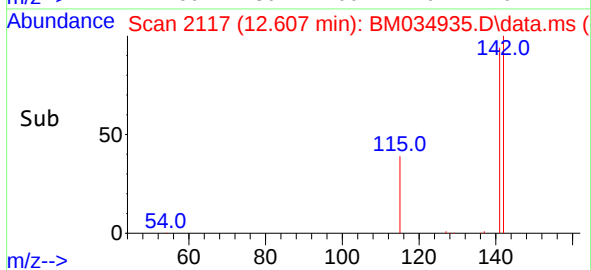
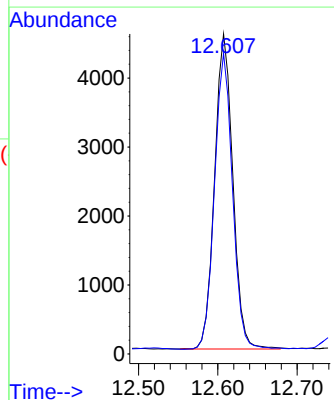
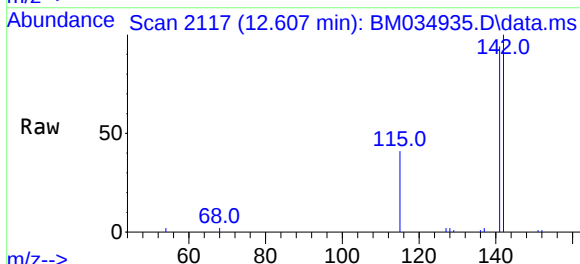
Instrument :
BNA_M
ClientSampleId :
SP-100-20220428

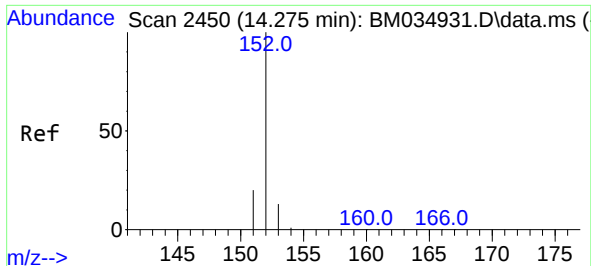
Tgt Ion:142 Resp: 7477
Ion Ratio Lower Upper
142 100
141 90.3 71.8 107.6



#8
1-Methylnaphthalene
Concen: 0.366 ng/ul
RT: 12.607 min Scan# 2117
Delta R.T. -0.000 min
Lab File: BM034935.D
Acq: 04 May 2022 18:27

Tgt Ion:142 Resp: 7295
Ion Ratio Lower Upper
142 100
141 93.1 75.0 112.4

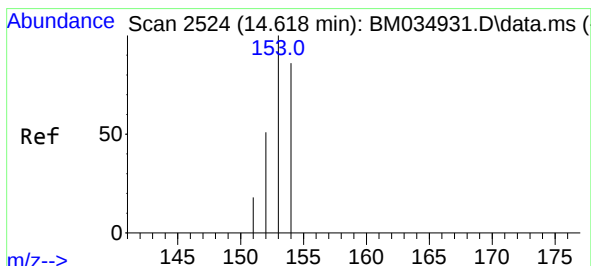
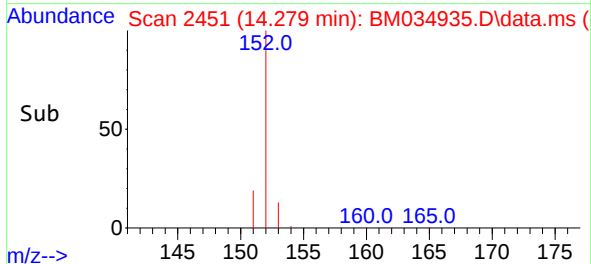
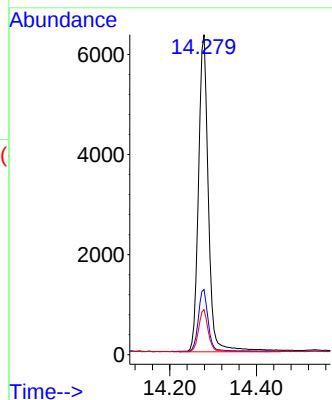
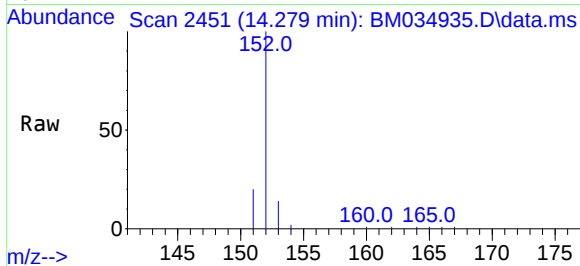




#10
Acenaphthylene
Concen: 0.423 ng/ul
RT: 14.279 min Scan# 2451
Delta R.T. -0.001 min
Lab File: BM034935.D
Acq: 04 May 2022 18:27

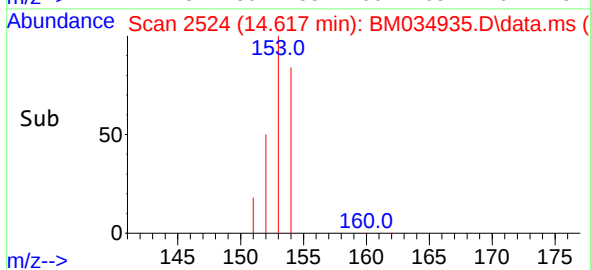
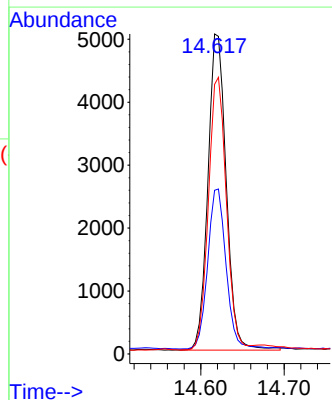
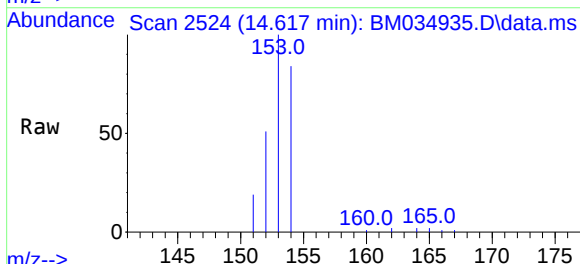
Instrument :
BNA_M
ClientSampleId :
SP-100-20220428

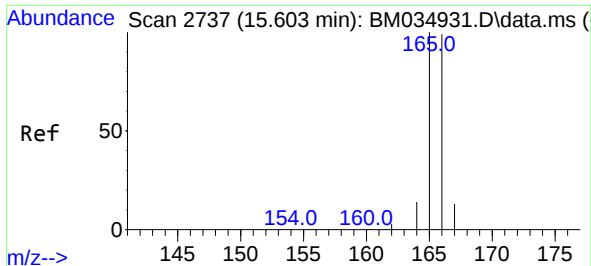
Tgt Ion:	152	Resp:	10054
Ion	Ratio	Lower	Upper
152	100		
151	20.3	19.9	29.9
153	14.1	15.0	22.4



#11
Acenaphthene
Concen: 0.382 ng/ul
RT: 14.617 min Scan# 2524
Delta R.T. -0.006 min
Lab File: BM034935.D
Acq: 04 May 2022 18:27

Tgt Ion:	153	Resp:	7687
Ion	Ratio	Lower	Upper
153	100		
152	51.2	42.4	63.6
154	84.3	66.2	99.2

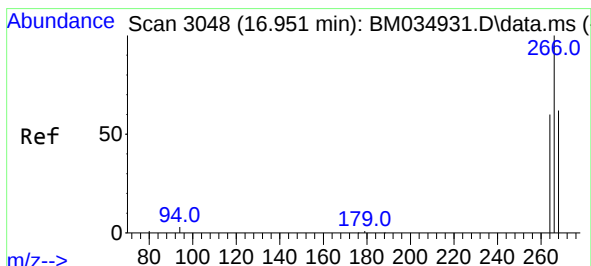
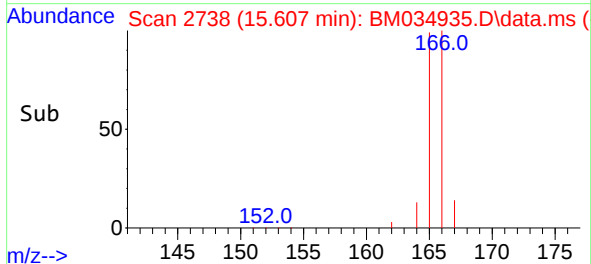
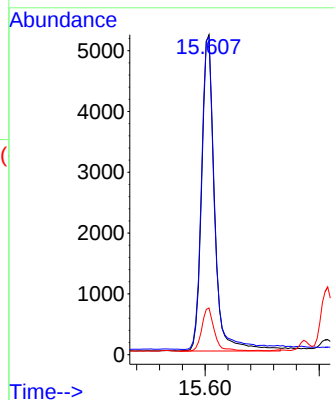
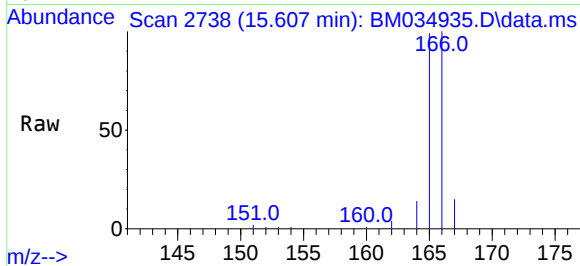




#12
Fluorene
Concen: 0.361 ng/ul
RT: 15.607 min Scan# 21
Delta R.T. -0.001 min
Lab File: BM034935.D
Acq: 04 May 2022 18:27

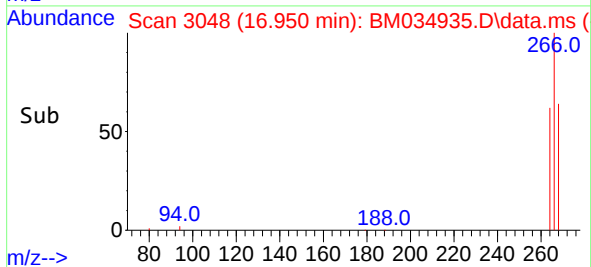
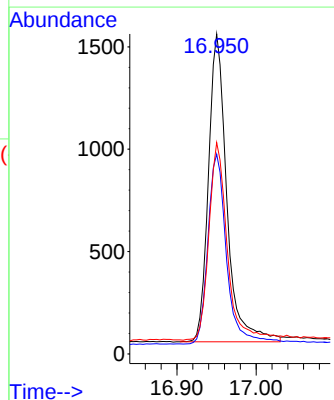
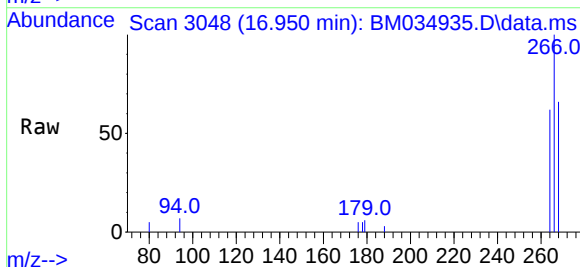
Instrument :
BNA_M
ClientSampleId :
SP-100-20220428

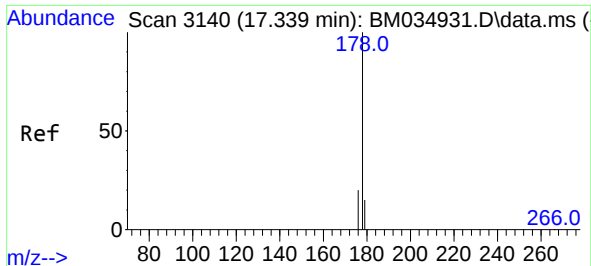
Tgt Ion:166 Resp: 8173
Ion Ratio Lower Upper
166 100
165 99.3 81.1 121.7
167 14.6 14.9 22.3#



#14
Pentachlorophenol
Concen: 0.829 ng/ul
RT: 16.950 min Scan# 3048
Delta R.T. -0.001 min
Lab File: BM034935.D
Acq: 04 May 2022 18:27

Tgt Ion:266 Resp: 2427
Ion Ratio Lower Upper
266 100
264 62.7 51.4 77.0
268 64.0 53.1 79.7

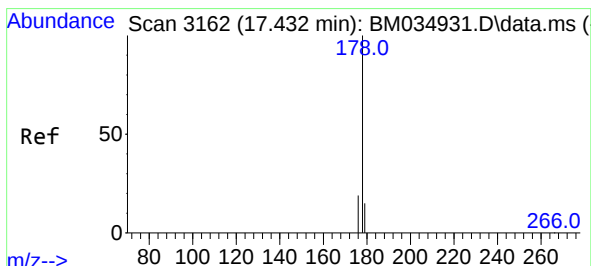
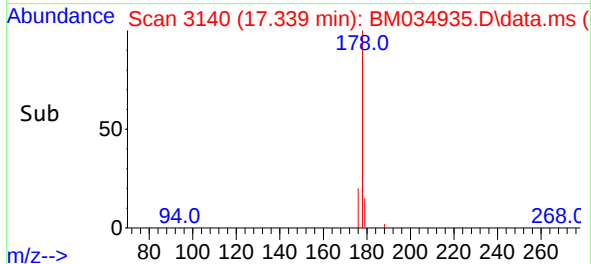
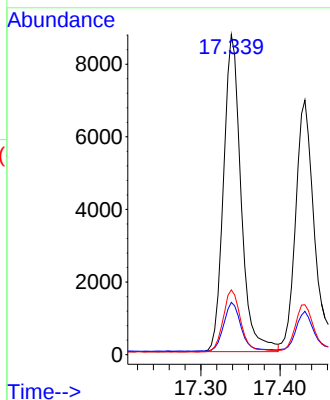
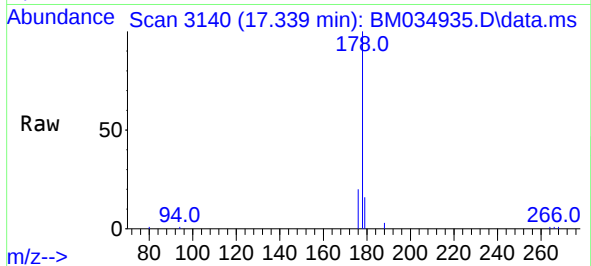




#15
Phenanthrene
Concen: 0.412 ng/ul
RT: 17.339 min Scan# 3140
Delta R.T. -0.001 min
Lab File: BM034935.D
Acq: 04 May 2022 18:27

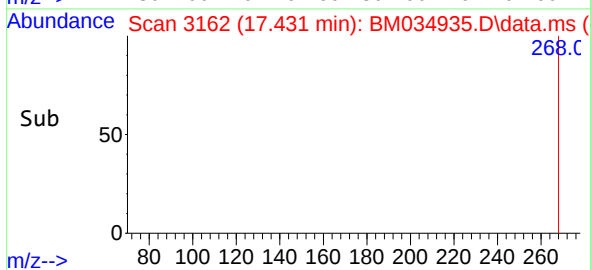
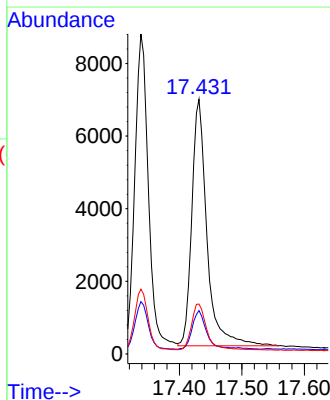
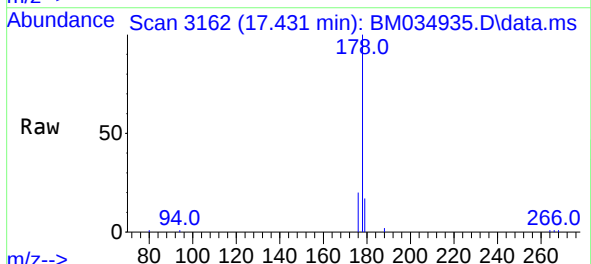
Instrument :
BNA_M
ClientSampleId :
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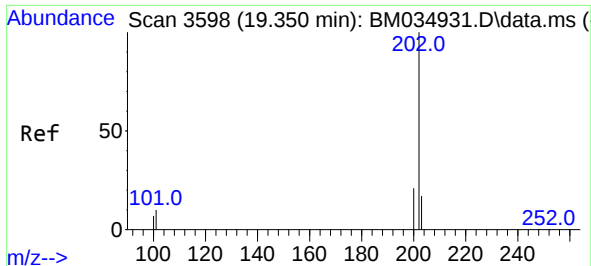
Tgt Ion:	178	Resp:	13433
Ion	Ratio	Lower	Upper
178	100		
179	16.4	15.0	22.6
176	20.3	17.9	26.9



#16
Anthracene
Concen: 0.392 ng/ul
RT: 17.431 min Scan# 3162
Delta R.T. -0.001 min
Lab File: BM034935.D
Acq: 04 May 2022 18:27

Tgt Ion:	178	Resp:	11387
Ion	Ratio	Lower	Upper
178	100		
179	17.0	16.5	24.7
176	19.6	18.3	27.5

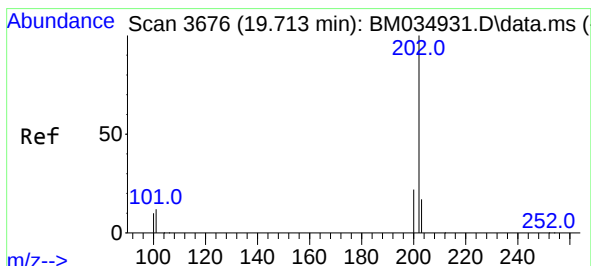
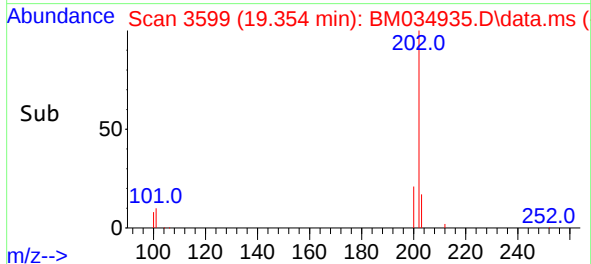
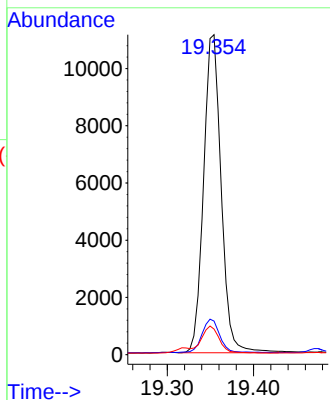
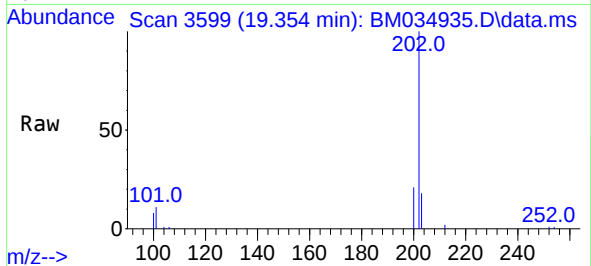




#19
Fluoranthene
Concen: 0.456 ng/ul
RT: 19.354 min Scan# 3598
Delta R.T. -0.001 min
Lab File: BM034935.D
Acq: 04 May 2022 18:27

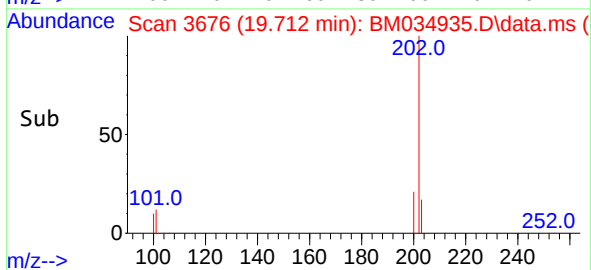
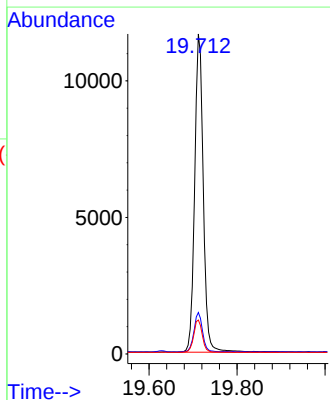
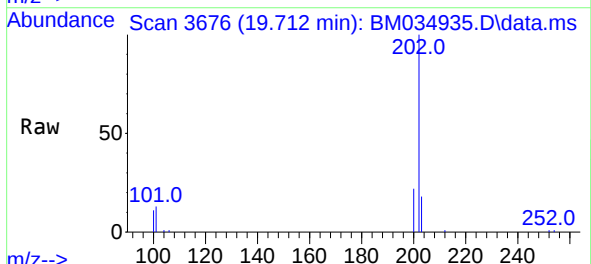
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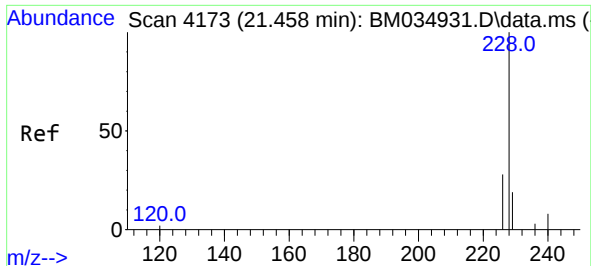
Tgt Ion:202 Resp: 15772
Ion Ratio Lower Upper
202 100
101 10.5 9.2 13.8
100 8.0 7.2 10.8



#20
Pyrene
Concen: 0.457 ng/ul
RT: 19.712 min Scan# 3676
Delta R.T. -0.001 min
Lab File: BM034935.D
Acq: 04 May 2022 18:27

Tgt Ion:202 Resp: 15859
Ion Ratio Lower Upper
202 100
101 13.0 9.3 13.9
100 10.6 7.8 11.6

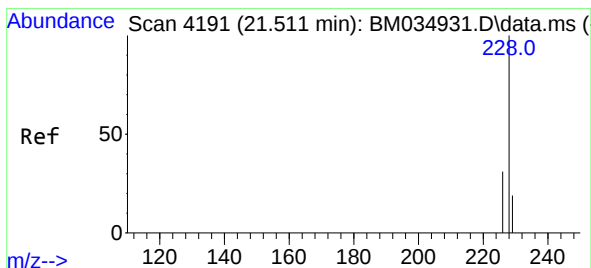
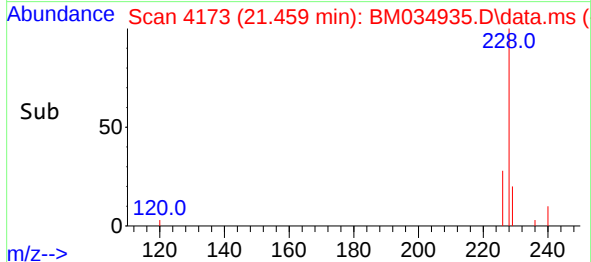
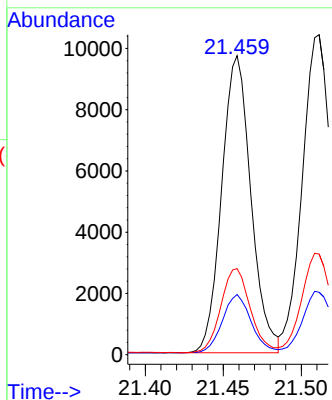
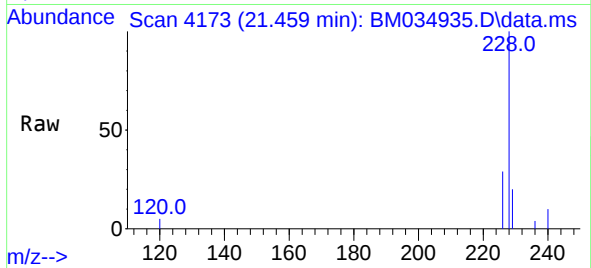




#21
Benzo(a)anthracene
Concen: 0.452 ng/ul
RT: 21.459 min Scan# 4173
Delta R.T. 0.001 min
Lab File: BM034935.D
Acq: 04 May 2022 18:27

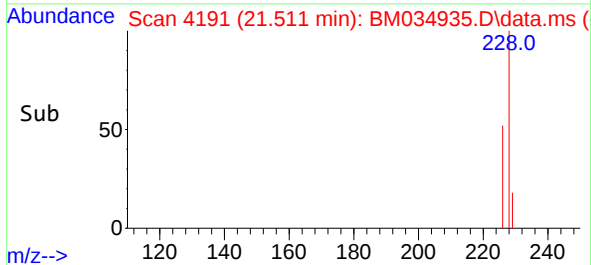
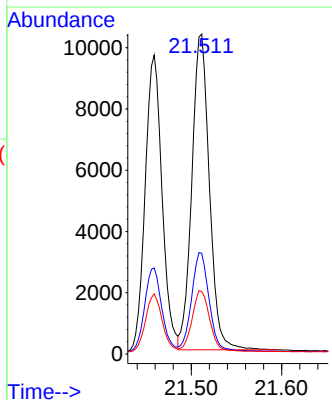
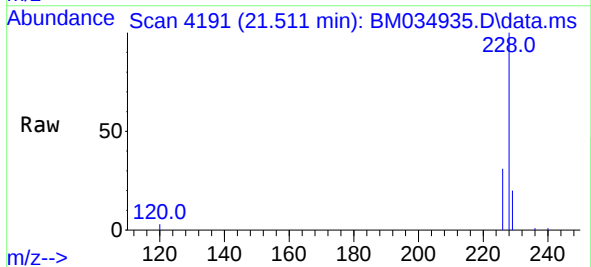
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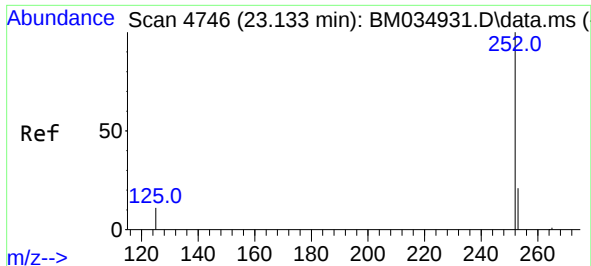
Tgt Ion:	228	Resp:	12668
Ion	Ratio	Lower	Upper
228	100		
229	20.1	17.3	25.9
226	28.8	23.2	34.8



#22
Chrysene
Concen: 0.466 ng/ul
RT: 21.511 min Scan# 4191
Delta R.T. 0.001 min
Lab File: BM034935.D
Acq: 04 May 2022 18:27

Tgt Ion:	228	Resp:	13926
Ion	Ratio	Lower	Upper
228	100		
226	31.5	25.8	38.8
229	19.5	16.7	25.1

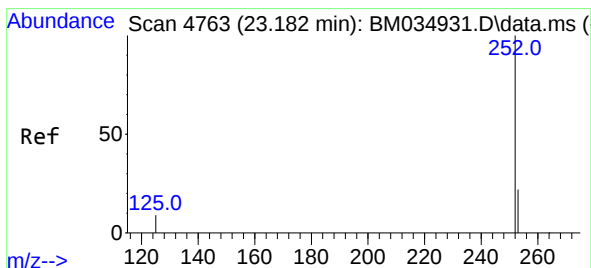
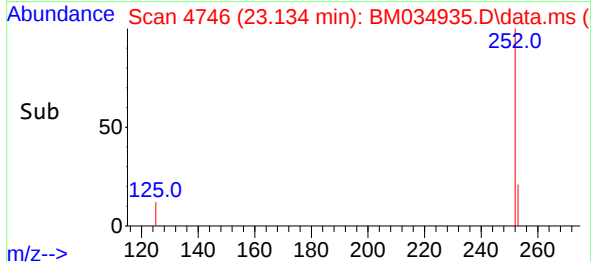
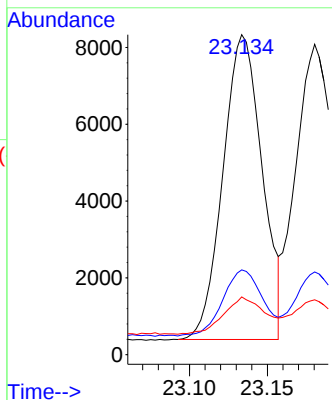
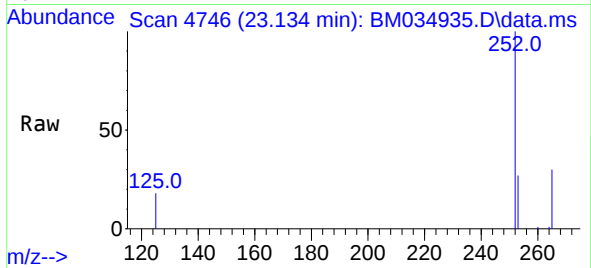




#24
Benzo(b)fluoranthene
Concen: 0.452 ng/ul
RT: 23.134 min Scan# 4746
Delta R.T. -0.002 min
Lab File: BM034935.D
Acq: 04 May 2022 18:27

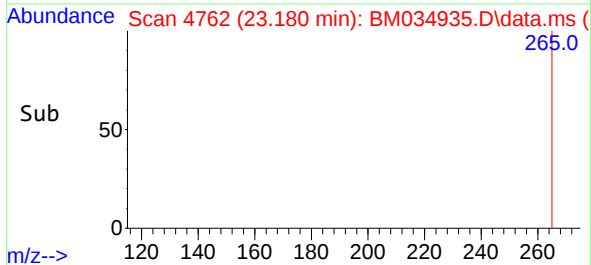
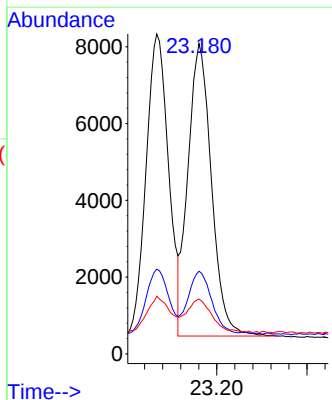
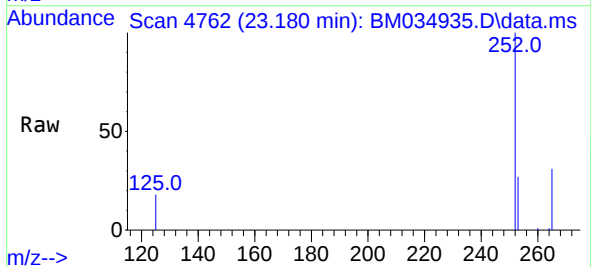
Instrument :
BNA_M
ClientSampleId :
SP-100-20220428

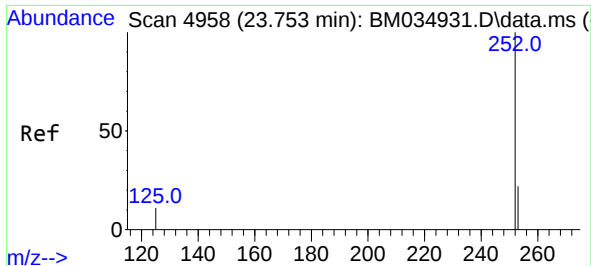
Tgt Ion:252	Resp:	13869
Ion Ratio	Lower	Upper
252	100	
253	26.5	0.0 64.2
125	18.0	0.0 28.8



#25
Benzo(k)fluoranthene
Concen: 0.449 ng/ul
RT: 23.180 min Scan# 4762
Delta R.T. -0.002 min
Lab File: BM034935.D
Acq: 04 May 2022 18:27

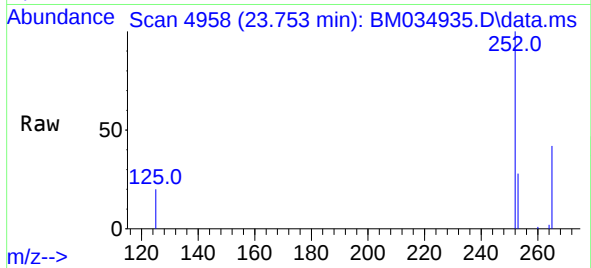
Tgt Ion:252	Resp:	13762
Ion Ratio	Lower	Upper
252	100	
253	26.6	26.8 40.2#
125	17.7	12.0 18.0



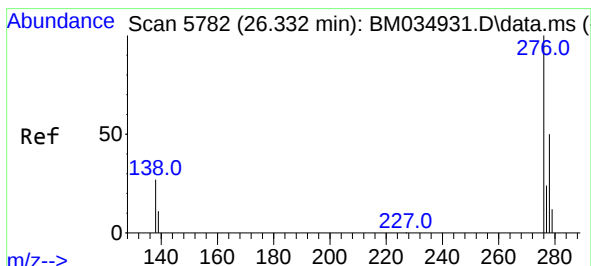
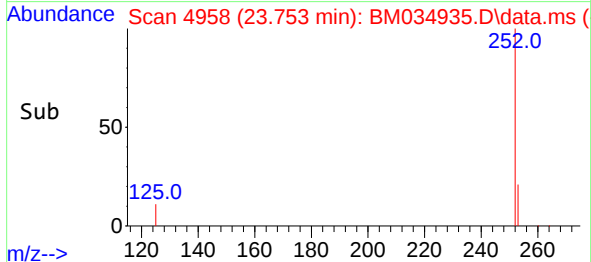
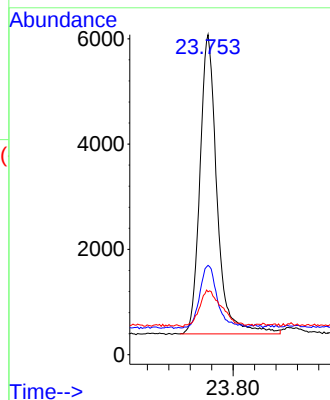


#26
Benzo(a)pyrene
Concen: 0.502 ng/ul
RT: 23.753 min Scan# 4958
Delta R.T. -0.002 min
Lab File: BM034935.D
Acq: 04 May 2022 18:27

Instrument :
BNA_M
ClientSampleId :
SP-100-20220428

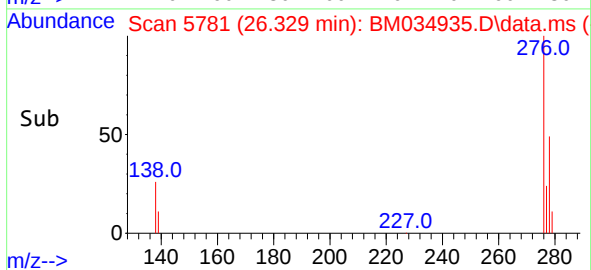
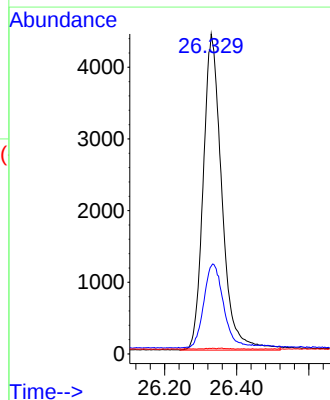
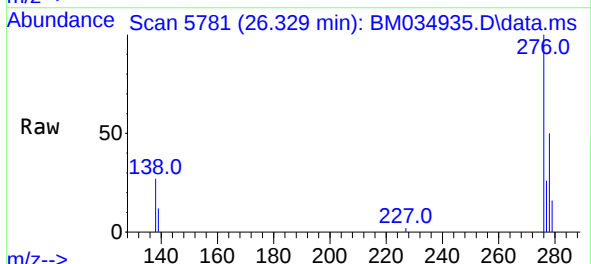


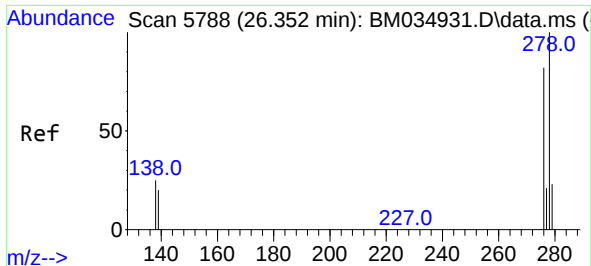
Tgt Ion:252 Resp: 12569
Ion Ratio Lower Upper
252 100
253 27.9 32.0 48.0#
125 19.7 14.5 21.7



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.450 ng/ul
RT: 26.329 min Scan# 5781
Delta R.T. -0.006 min
Lab File: BM034935.D
Acq: 04 May 2022 18:27

Tgt Ion:276 Resp: 15827
Ion Ratio Lower Upper
276 100
138 29.2 15.8 23.6#
227 0.1 0.0 0.0#

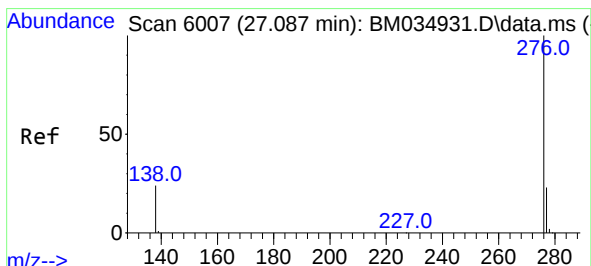
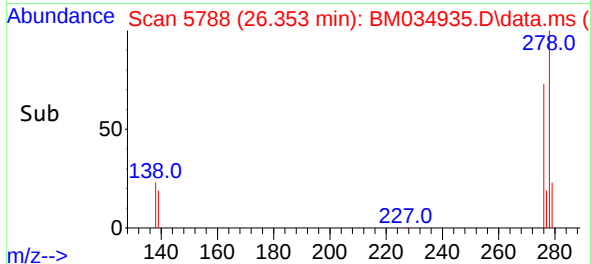
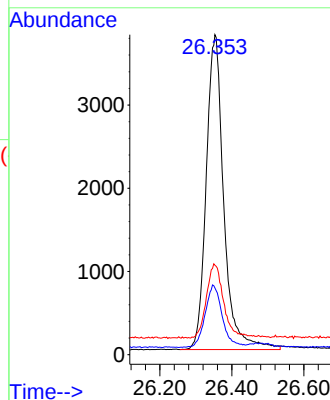
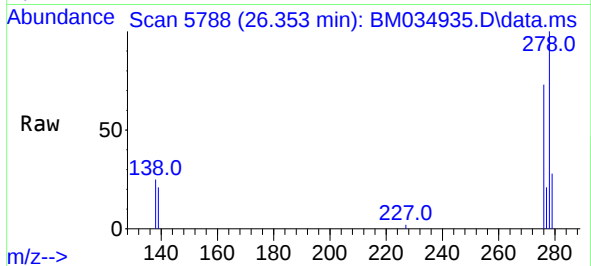




#28
Dibenzo(a,h)anthracene
Concen: 0.448 ng/ul
RT: 26.353 min Scan# 51
Delta R.T. 0.001 min
Lab File: BM034935.D
Acq: 04 May 2022 18:27

Instrument :
BNA_M
ClientSampleId :
SP-100-20220428

Tgt Ion:278 Resp: 12821
Ion Ratio Lower Upper
278 100
139 20.9 18.0 27.0
279 28.0 28.6 42.8#



#29
Benzo(g,h,i)perylene
Concen: 0.455 ng/ul
RT: 27.087 min Scan# 6007
Delta R.T. 0.001 min
Lab File: BM034935.D
Acq: 04 May 2022 18:27

Tgt Ion:276 Resp: 13828
Ion Ratio Lower Upper
276 100
138 25.6 17.4 26.0
277 25.3 22.6 33.8

