

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050322\
 Data File : BM034930.D
 Acq On : 04 May 2022 15:27
 Operator : CG/JU
 Sample : SP5895
 Misc : SFAM SIM SPIKE
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SP5895

Quant Time: May 05 04:12:31 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)

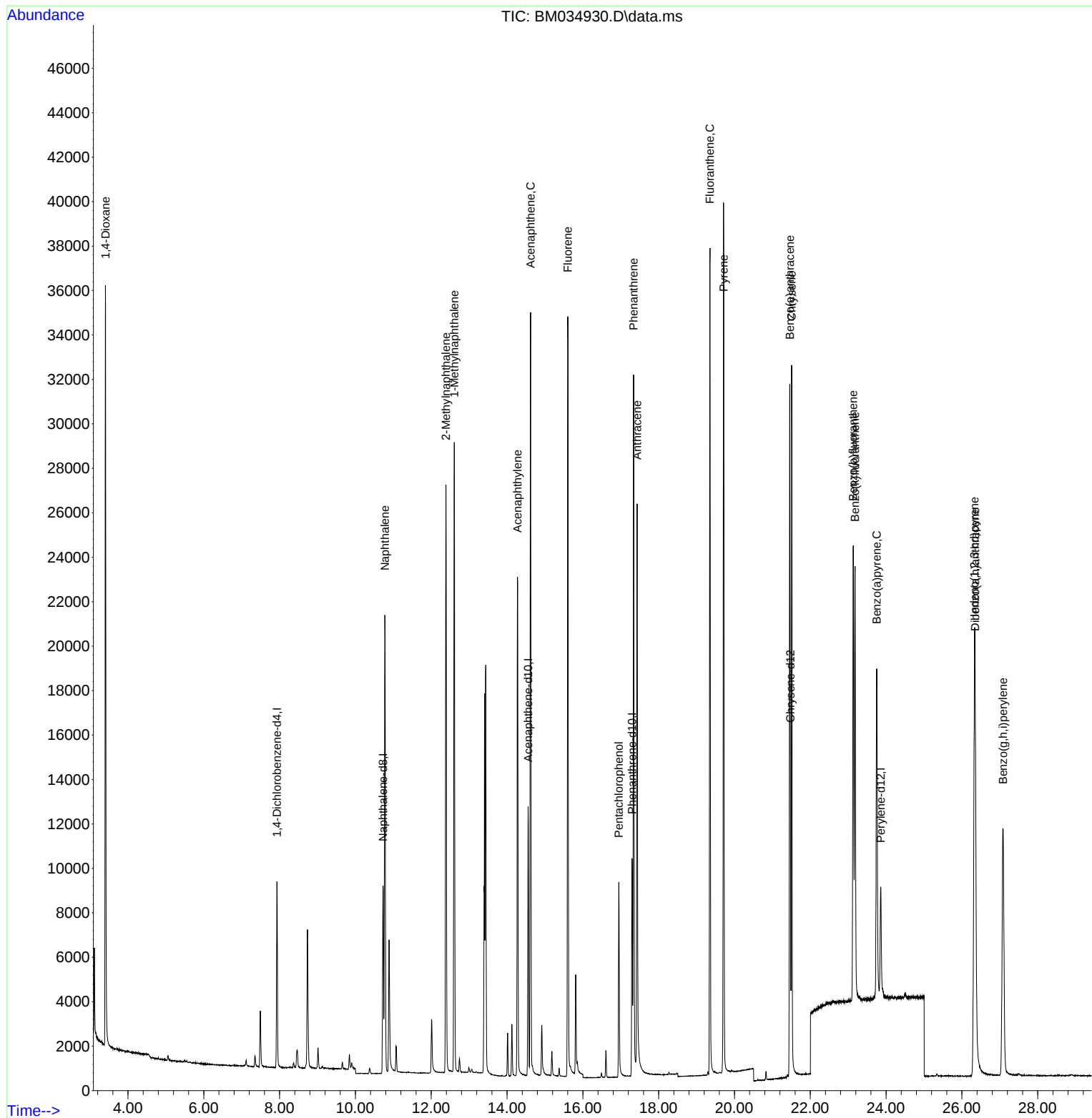
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.930	152	4359	0.400	ng/ul	0.00
4) Naphthalene-d8	10.727	136	11703	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.557	164	6397	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.296	188	11974	0.400	ng/ul #	0.00
17) Chrysene-d12	21.473	240	7735	0.400	ng/ul #	0.00
23) Perylene-d12	23.858	264	6865	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.000	96	0d	0.000	ng/ul	
6) 2-Methylnaphthalene-d10	0.000	152	0d	0.000	ng/ul	
18) Fluoranthene-d10	0.000	212	0d	0.000	ng/ul	
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.407	88	20812	4.535	ng/ul#	79
5) Naphthalene	10.776	128	28586	0.854	ng/ul#	87
7) 2-Methylnaphthalene	12.387	142	18369	0.827	ng/ul	100
8) 1-Methylnaphthalene	12.607	142	18886	0.864	ng/ul	100
10) Acenaphthylene	14.274	152	26812	0.959	ng/ul#	90
11) Acenaphthene	14.621	153	20362	0.861	ng/ul	95
12) Fluorene	15.602	166	22496	0.844	ng/ul#	97
14) Pentachlorophenol	16.950	266	6037	1.700	ng/ul	97
15) Phenanthrene	17.339	178	33690	0.851	ng/ul	94
16) Anthracene	17.432	178	29931	0.849	ng/ul#	91
19) Fluoranthene	19.354	202	33301	0.897	ng/ul	96
20) Pyrene	19.712	202	33735	0.905	ng/ul	97
21) Benzo(a)anthracene	21.459	228	25503	0.847	ng/ul	97
22) Chrysene	21.508	228	27587	0.860	ng/ul	98
24) Benzo(b)fluoranthene	23.133	252	26799	0.855	ng/ul	90
25) Benzo(k)fluoranthene	23.180	252	25910	0.827	ng/ul#	89
26) Benzo(a)pyrene	23.753	252	24438	0.955	ng/ul#	82
27) Indeno(1,2,3-cd)pyrene	26.329	276	29650	0.826	ng/ul#	81
28) Dibenzo(a,h)anthracene	26.349	278	24060	0.823	ng/ul#	87
29) Benzo(g,h,i)perylene	27.084	276	25830	0.833	ng/ul	94

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

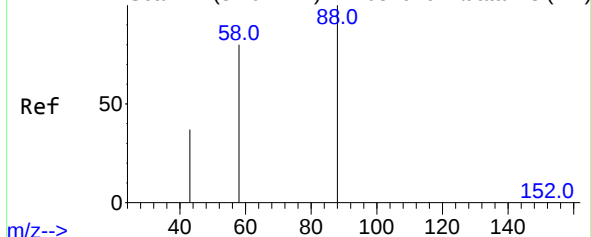
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050322\
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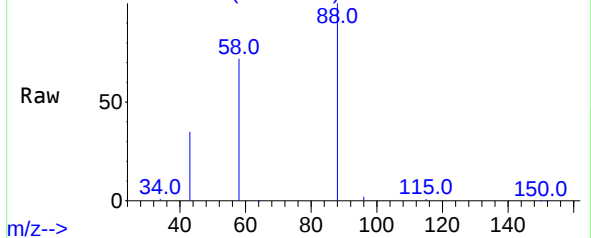
Quant Time: May 05 04:12:31 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM042222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 04 02:59:36 2022
Response via : Initial Calibration



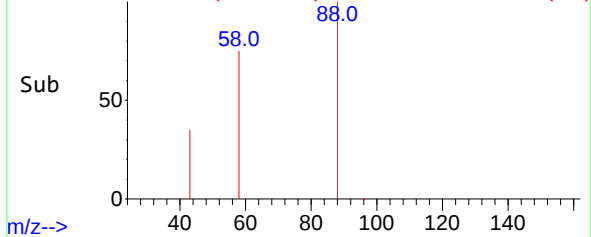
Abundance Scan 77 (3.407 min): BM034919.D\data.ms (-71)



m/z--> Scan 77 (3.407 min): BM034930.D\data.ms



m/z--> Scan 77 (3.407 min): BM034930.D\data.ms (-65)



m/z-->

#2

1,4-Dioxane

Concen: 4.535 ng/ul

RT: 3.407 min Scan# 71

Delta R.T. 0.000 min

Lab File: BM034930.D

Acq: 04 May 2022 15:27

Instrument :

BNA_M

ClientSampleId :

SP5895

Tgt Ion: 88 Resp: 20812

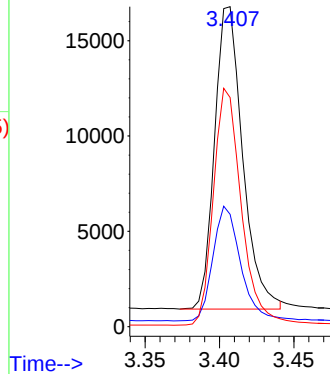
Ion Ratio Lower Upper

88 100

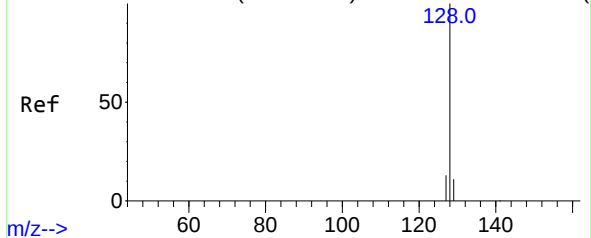
43 35.1 49.7 74.5#

58 71.6 52.5 78.7

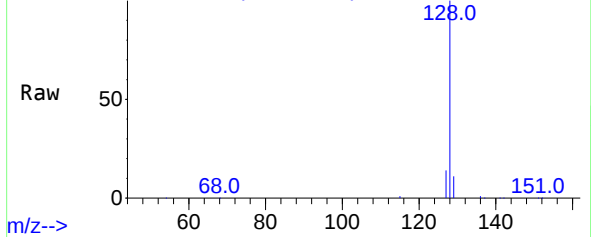
Abundance



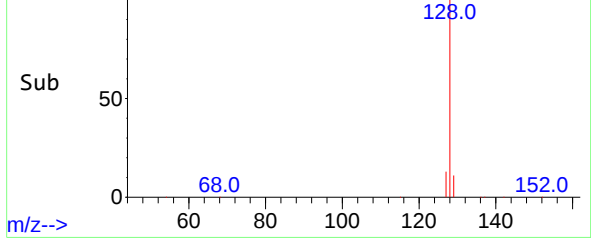
Abundance Scan 1784 (10.776 min): BM034919.D\data.ms (-71)



m/z--> Scan 1784 (10.776 min): BM034930.D\data.ms



m/z--> Scan 1784 (10.776 min): BM034930.D\data.ms (-65)



m/z-->

#5

Naphthalene

Concen: 0.854 ng/ul

RT: 10.776 min Scan# 1784

Delta R.T. -0.005 min

Lab File: BM034930.D

Acq: 04 May 2022 15:27

Tgt Ion:128 Resp: 28586

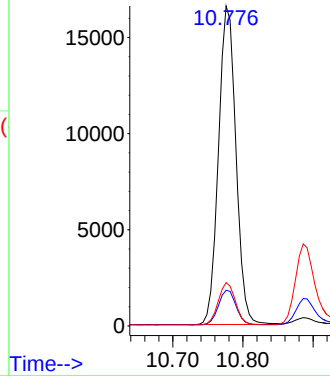
Ion Ratio Lower Upper

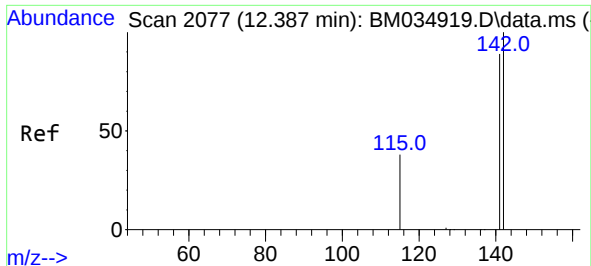
128 100

129 11.2 13.4 20.2#

127 13.6 15.2 22.8#

Abundance

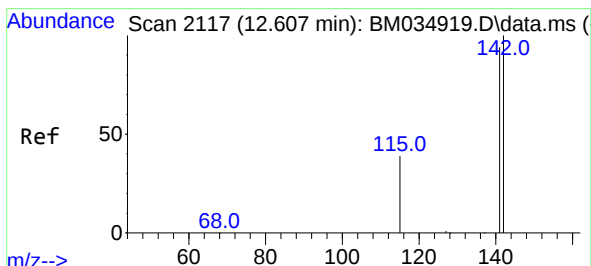
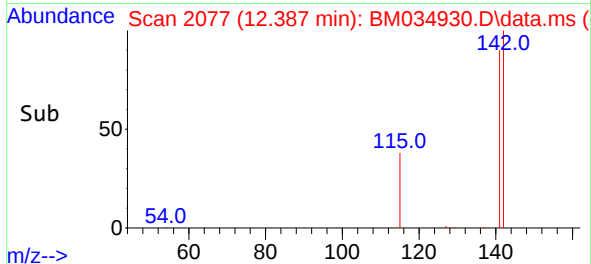
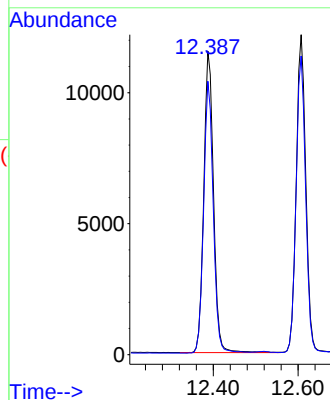
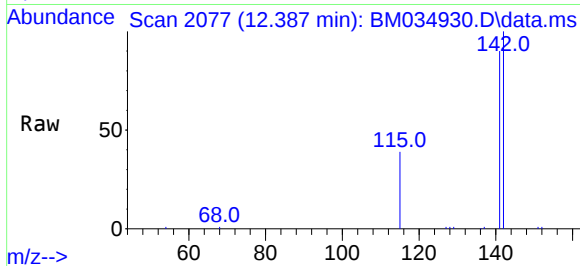




#7
2-Methylnaphthalene
Concen: 0.827 ng/ul
RT: 12.387 min Scan# 2077
Delta R.T. -0.005 min
Lab File: BM034930.D
Acq: 04 May 2022 15:27

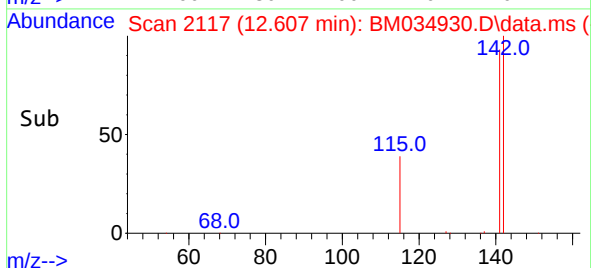
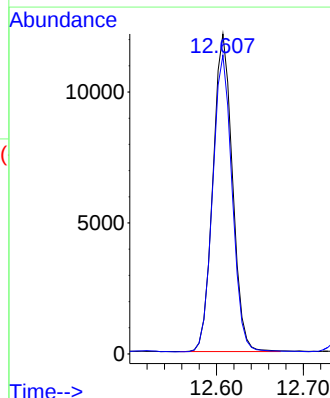
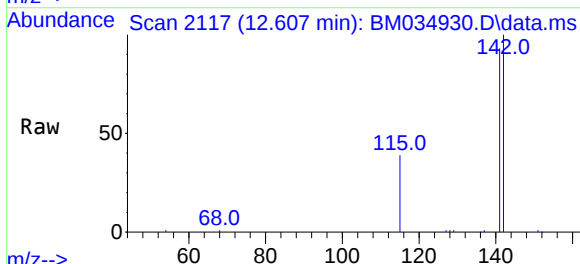
Instrument :
BNA_M
ClientSampleId :
SP5895

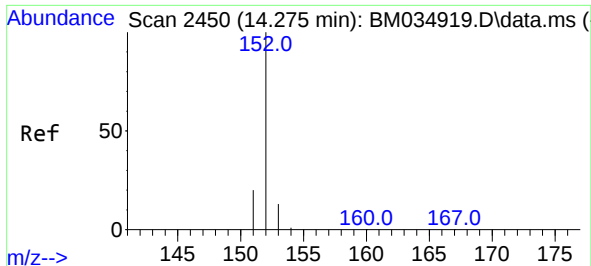
Tgt Ion:142 Resp: 18369
Ion Ratio Lower Upper
142 100
141 89.4 71.8 107.6



#8
1-Methylnaphthalene
Concen: 0.864 ng/ul
RT: 12.607 min Scan# 2117
Delta R.T. 0.000 min
Lab File: BM034930.D
Acq: 04 May 2022 15:27

Tgt Ion:142 Resp: 18886
Ion Ratio Lower Upper
142 100
141 93.6 75.0 112.4

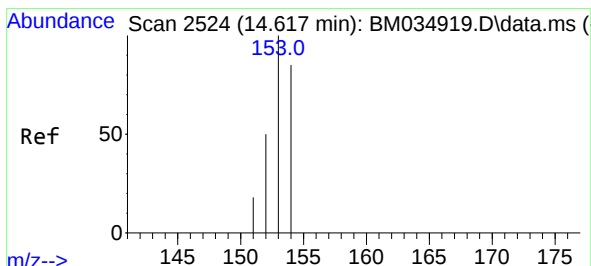
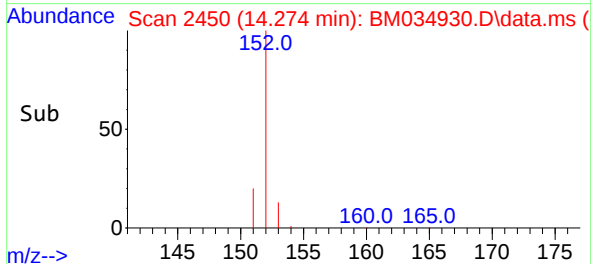
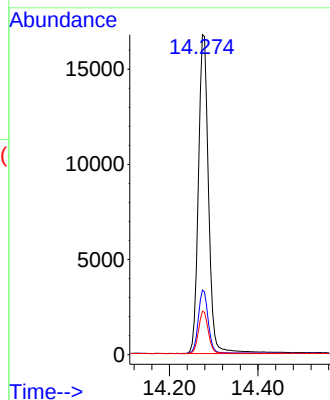
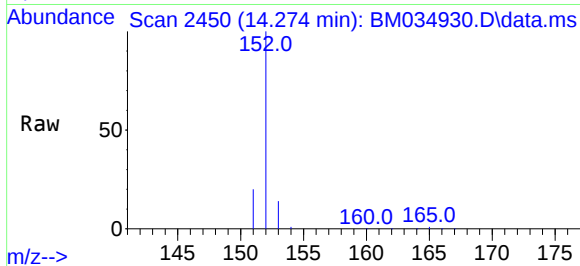




#10
Acenaphthylene
Concen: 0.959 ng/ul
RT: 14.274 min Scan# 2450
Delta R.T. -0.005 min
Lab File: BM034930.D
Acq: 04 May 2022 15:27

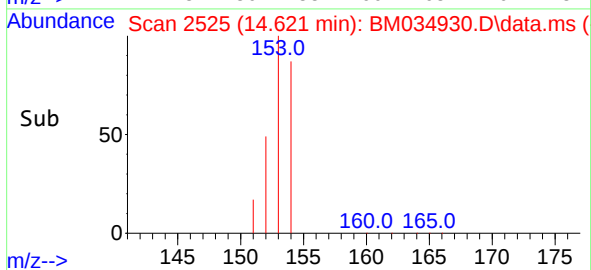
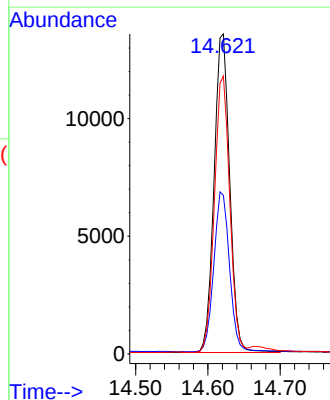
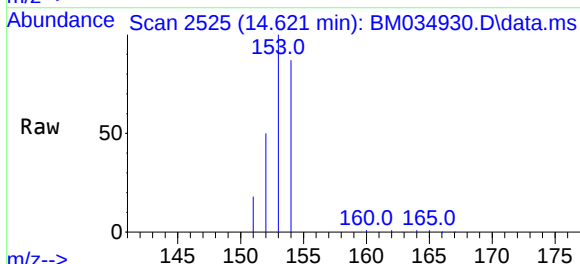
Instrument :
BNA_M
ClientSampleId :
SP5895

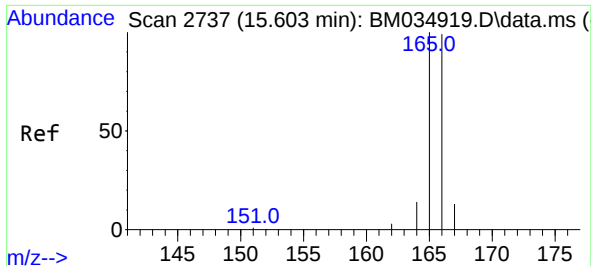
Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.2	19.9	29.9
153	13.5	15.0	22.4



#11
Acenaphthene
Concen: 0.861 ng/ul
RT: 14.621 min Scan# 2525
Delta R.T. -0.001 min
Lab File: BM034930.D
Acq: 04 May 2022 15:27

Tgt Ion	Ratio	Lower	Upper
153	100		
152	49.6	42.4	63.6
154	86.8	66.2	99.2

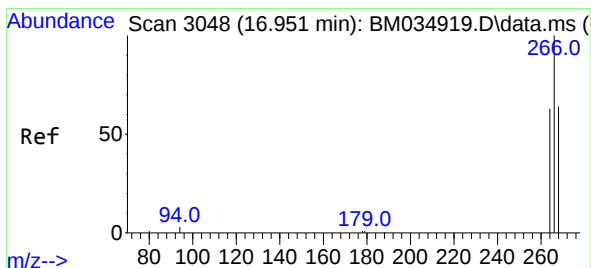
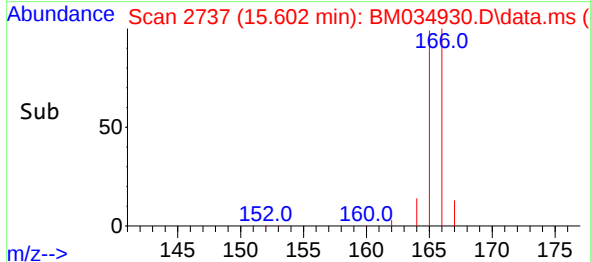
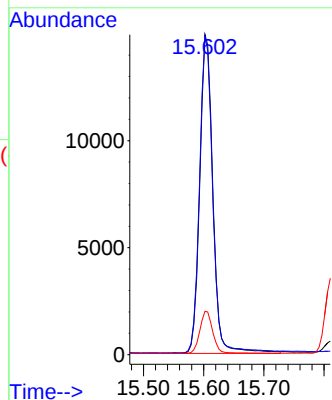
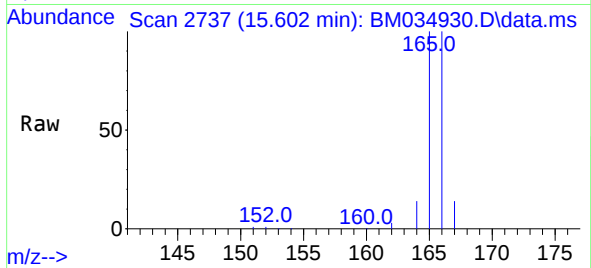




#12
Fluorene
Concen: 0.844 ng/ul
RT: 15.602 min Scan# 21
Delta R.T. -0.005 min
Lab File: BM034930.D
Acq: 04 May 2022 15:27

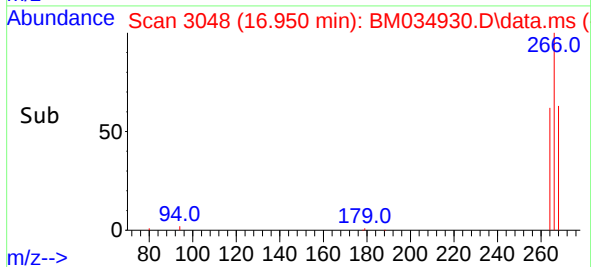
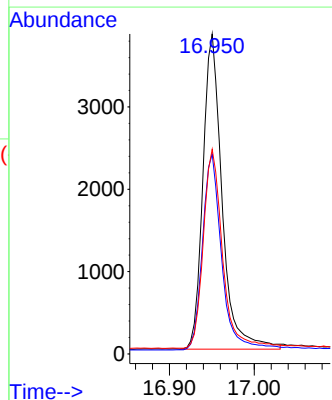
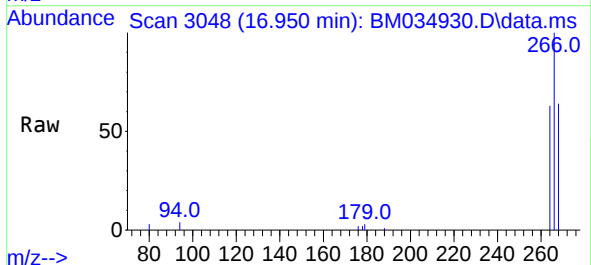
Instrument :
BNA_M
ClientSampleId :
SP5895

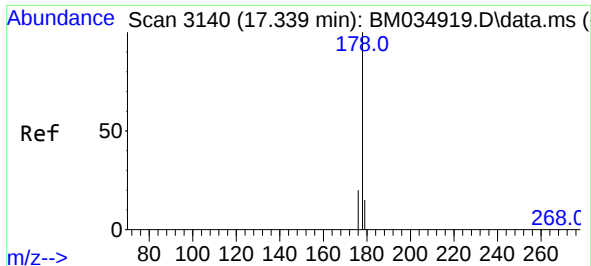
Tgt Ion:166 Resp: 22496
Ion Ratio Lower Upper
166 100
165 99.6 81.1 121.7
167 13.5 14.9 22.3#



#14
Pentachlorophenol
Concen: 1.700 ng/ul
RT: 16.950 min Scan# 3048
Delta R.T. -0.001 min
Lab File: BM034930.D
Acq: 04 May 2022 15:27

Tgt Ion:266 Resp: 6037
Ion Ratio Lower Upper
266 100
264 62.0 51.4 77.0
268 63.1 53.1 79.7

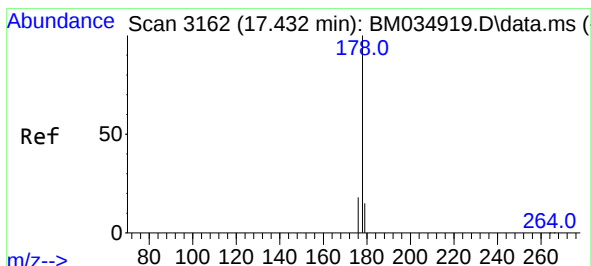
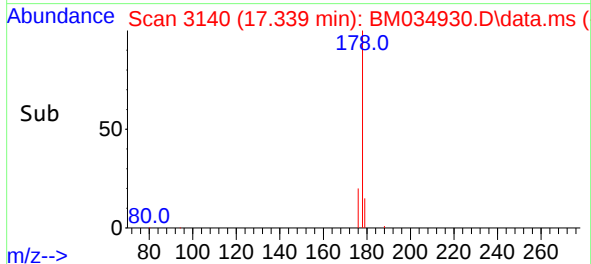
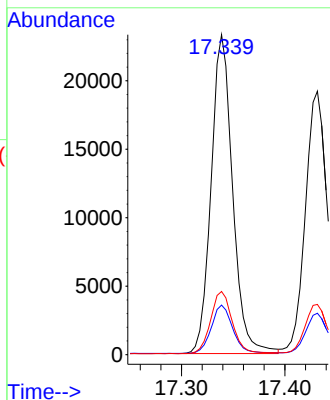
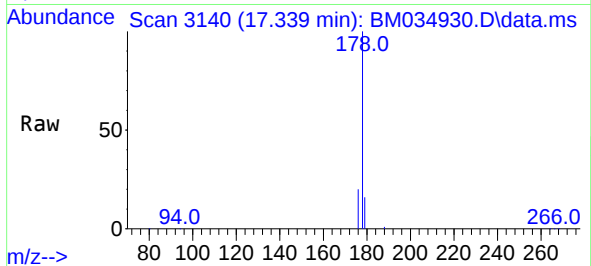




#15
Phenanthrene
Concen: 0.851 ng/u1
RT: 17.339 min Scan# 3140
Delta R.T. -0.001 min
Lab File: BM034930.D
Acq: 04 May 2022 15:27

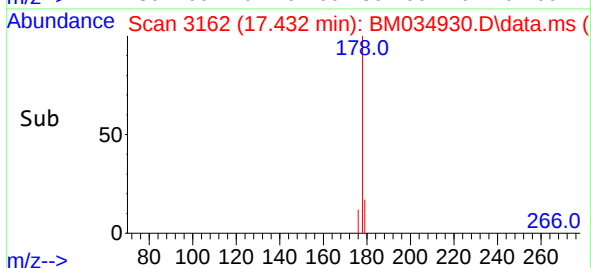
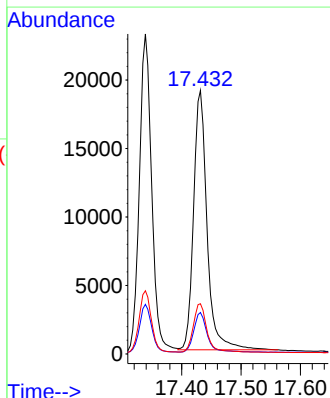
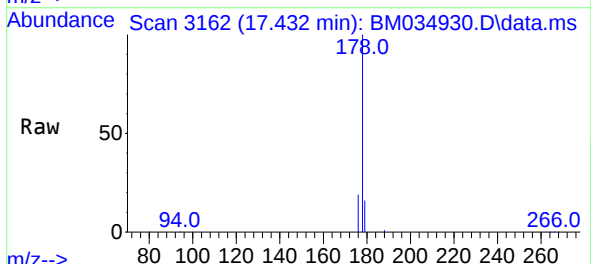
Instrument :
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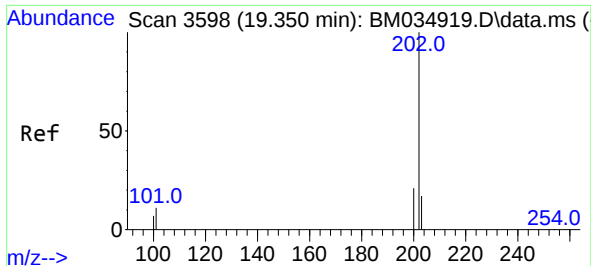
Tgt Ion:	178	Resp:	33690
Ion Ratio	Lower	Upper	
178	100		
179	15.5	15.0	22.6
176	19.8	17.9	26.9



#16
Anthracene
Concen: 0.849 ng/u1
RT: 17.432 min Scan# 3162
Delta R.T. -0.001 min
Lab File: BM034930.D
Acq: 04 May 2022 15:27

Tgt Ion:	178	Resp:	29931
Ion Ratio	Lower	Upper	
178	100		
179	15.7	16.5	24.7#
176	19.1	18.3	27.5

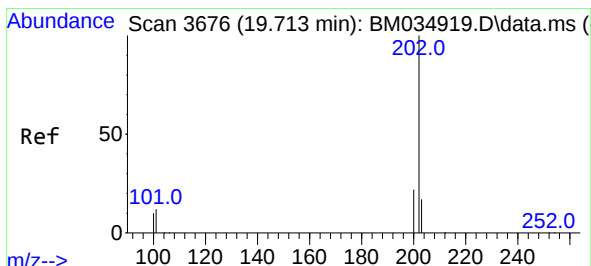
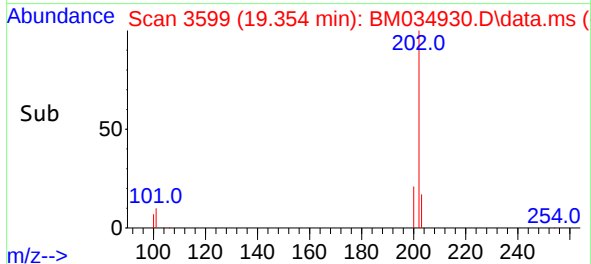
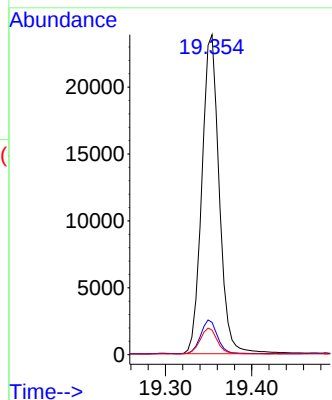
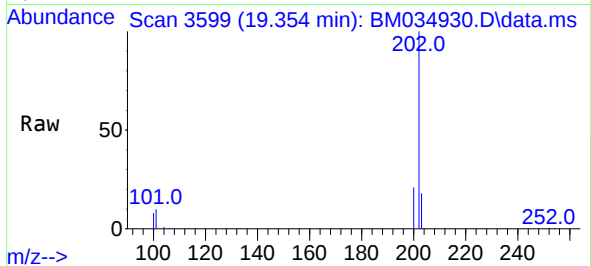




#19
Fluoranthene
Concen: 0.897 ng/u1
RT: 19.354 min Scan# 3598
Delta R.T. -0.001 min
Lab File: BM034930.D
Acq: 04 May 2022 15:27

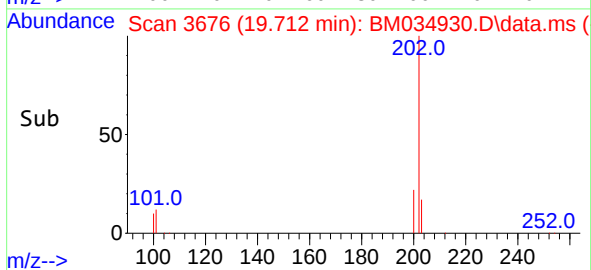
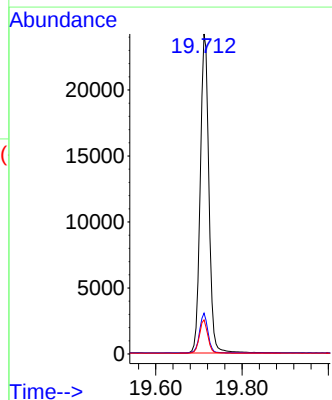
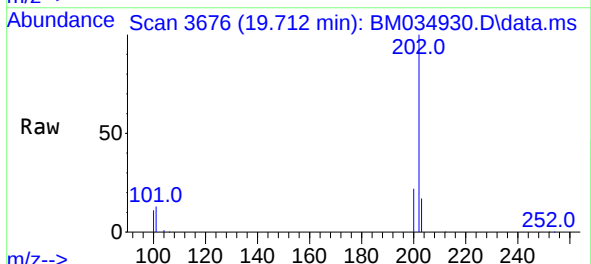
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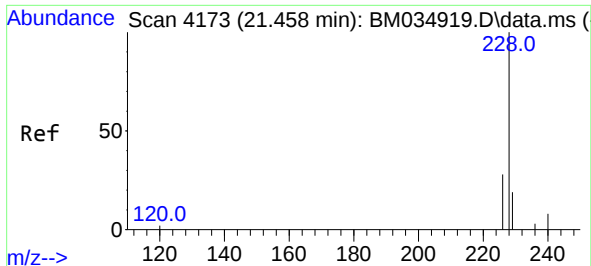
Tgt Ion:202 Resp: 33301
Ion Ratio Lower Upper
202 100
101 10.1 9.2 13.8
100 7.7 7.2 10.8



#20
Pyrene
Concen: 0.905 ng/u1
RT: 19.712 min Scan# 3676
Delta R.T. -0.001 min
Lab File: BM034930.D
Acq: 04 May 2022 15:27

Tgt Ion:202 Resp: 33735
Ion Ratio Lower Upper
202 100
101 12.7 9.3 13.9
100 10.7 7.8 11.6

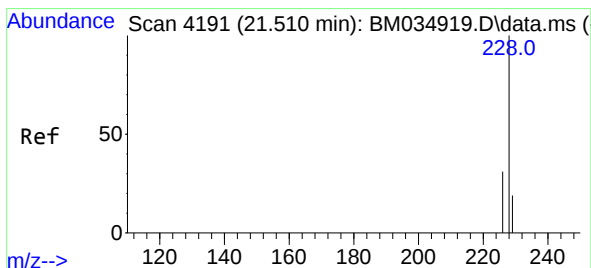
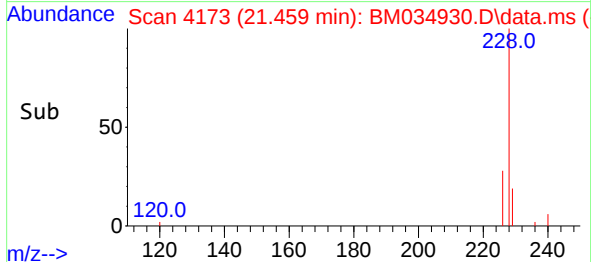
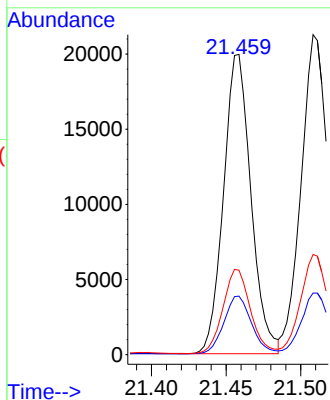
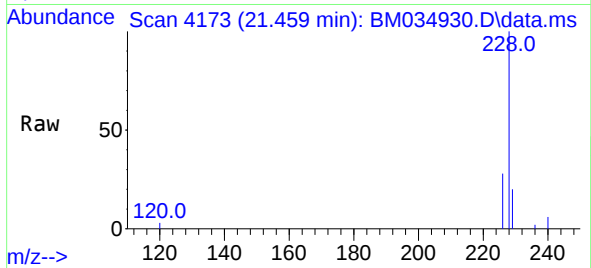




#21
Benzo(a)anthracene
Concen: 0.847 ng/ul
RT: 21.459 min Scan# 4173
Delta R.T. 0.001 min
Lab File: BM034930.D
Acq: 04 May 2022 15:27

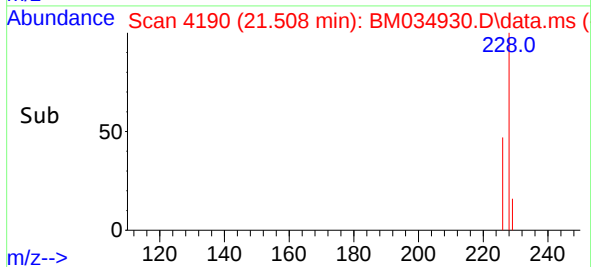
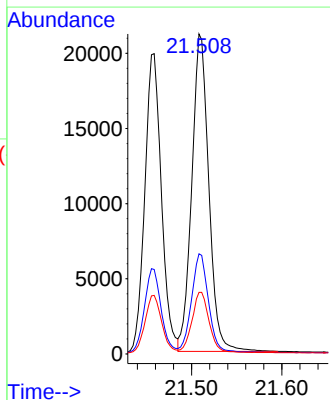
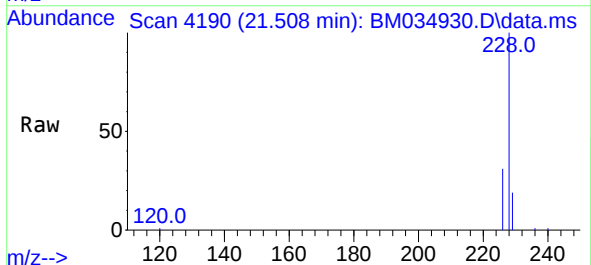
Instrument :
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ClientSampleId :
SP5895

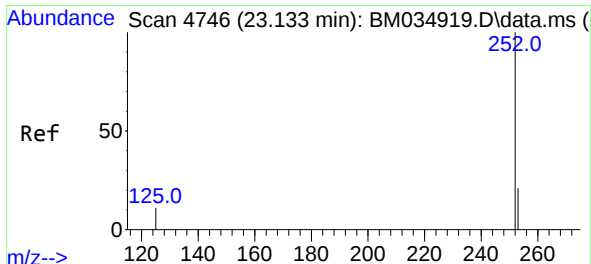
Tgt Ion:	228	Resp:	25503
Ion Ratio	Lower	Upper	
228	100		
229	19.5	17.3	25.9
226	28.1	23.2	34.8



#22
Chrysene
Concen: 0.860 ng/ul
RT: 21.508 min Scan# 4190
Delta R.T. -0.002 min
Lab File: BM034930.D
Acq: 04 May 2022 15:27

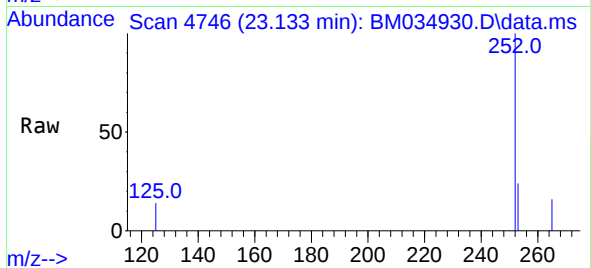
Tgt Ion:	228	Resp:	27587
Ion Ratio	Lower	Upper	
228	100		
226	31.3	25.8	38.8
229	19.2	16.7	25.1



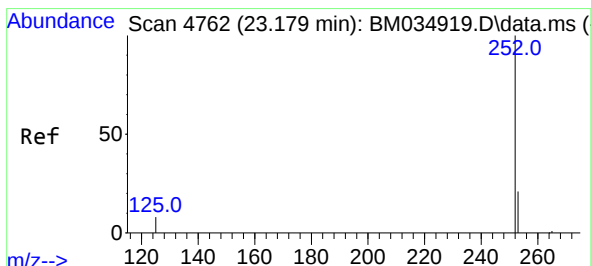
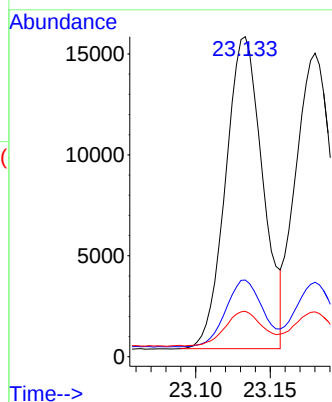


#24
Benzo(b)fluoranthene
Concen: 0.855 ng/ul
RT: 23.133 min Scan# 4746
Delta R.T. -0.002 min
Lab File: BM034930.D
Acq: 04 May 2022 15:27

Instrument :
BNA_M
ClientSampleId :
SP5895

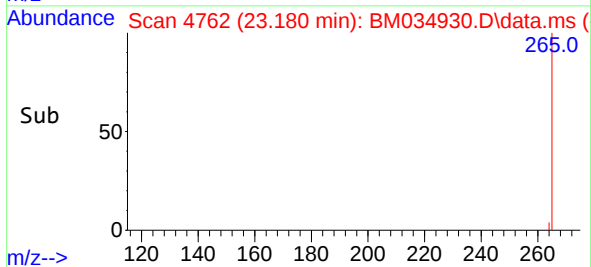
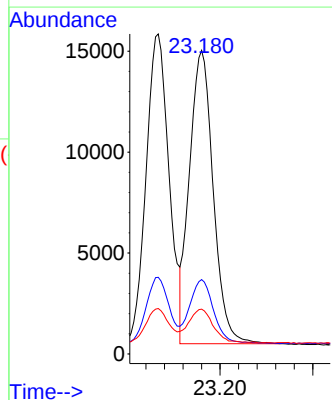
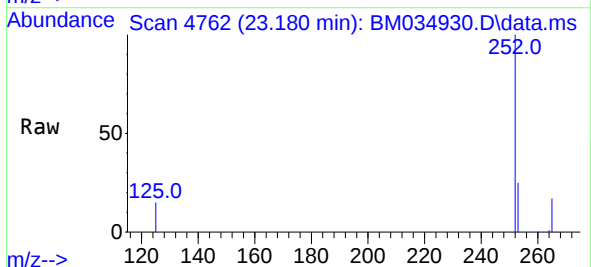


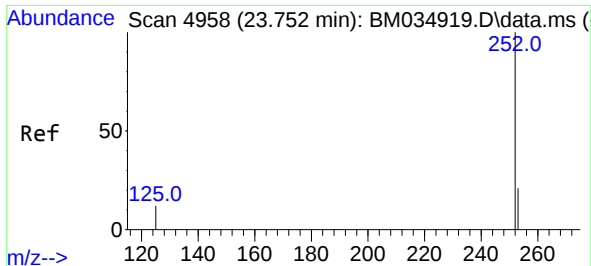
Tgt Ion:252	Resp:	26799
Ion Ratio	Lower	Upper
252	100	
253	24.0	0.0 64.2
125	14.2	0.0 28.8



#25
Benzo(k)fluoranthene
Concen: 0.827 ng/ul
RT: 23.180 min Scan# 4762
Delta R.T. -0.002 min
Lab File: BM034930.D
Acq: 04 May 2022 15:27

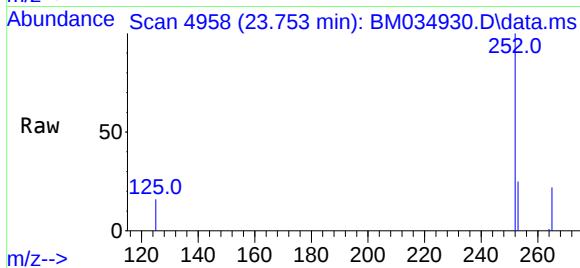
Tgt Ion:252	Resp:	25910
Ion Ratio	Lower	Upper
252	100	
253	24.5	26.8 40.2#
125	14.8	12.0 18.0



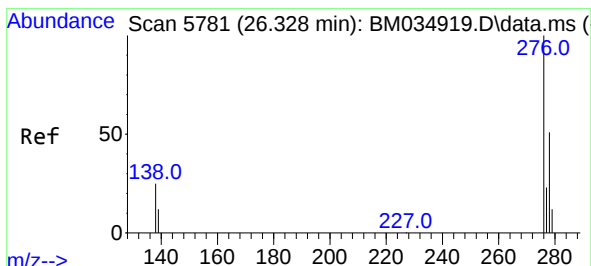
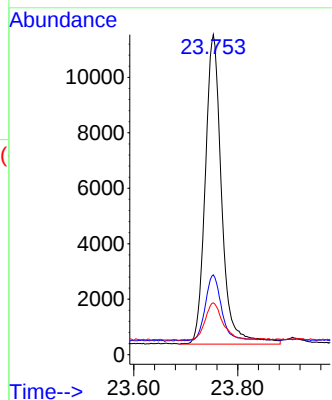


#26
Benzo(a)pyrene
Concen: 0.955 ng/ul
RT: 23.753 min Scan# 4958
Delta R.T. -0.002 min
Lab File: BM034930.D
Acq: 04 May 2022 15:27

Instrument :
BNA_M
ClientSampleId :
SP5895

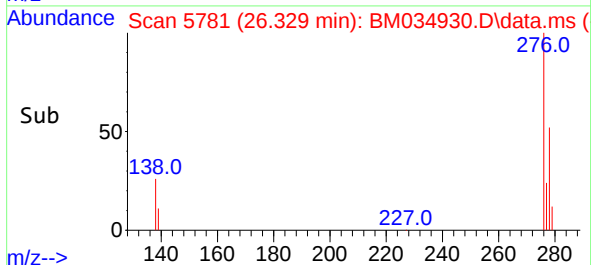
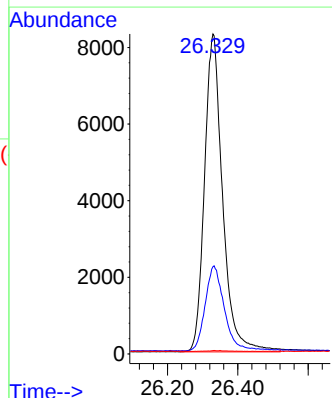
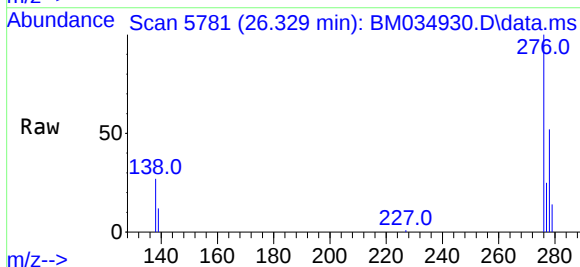


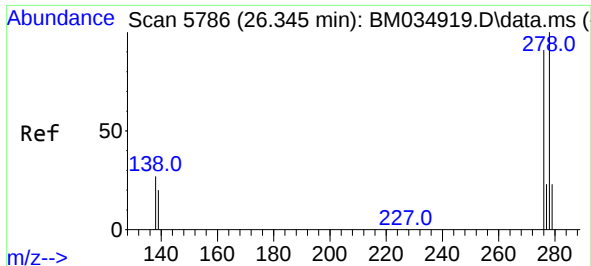
Tgt Ion:252 Resp: 24438
Ion Ratio Lower Upper
252 100
253 25.0 32.0 48.0#
125 16.2 14.5 21.7



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.826 ng/ul
RT: 26.329 min Scan# 5781
Delta R.T. -0.006 min
Lab File: BM034930.D
Acq: 04 May 2022 15:27

Tgt Ion:276 Resp: 29650
Ion Ratio Lower Upper
276 100
138 28.4 15.8 23.6#
227 0.2 0.0 0.0#

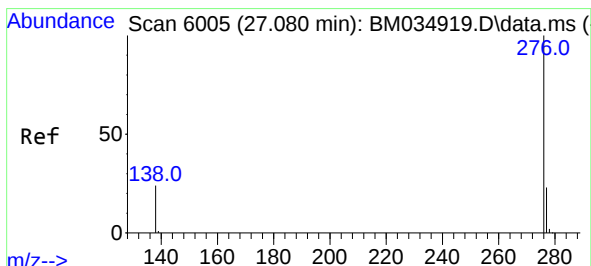
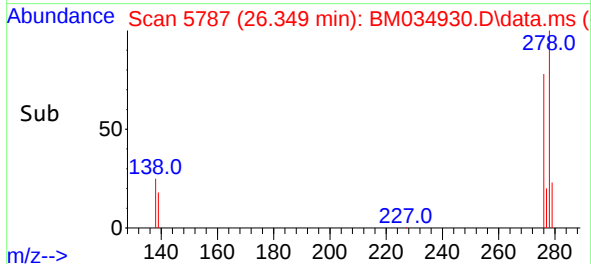
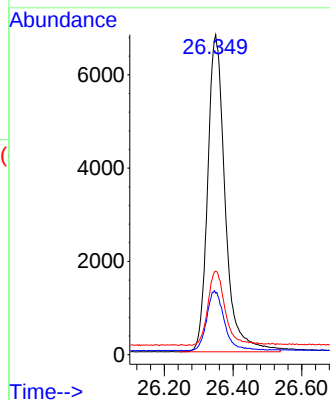
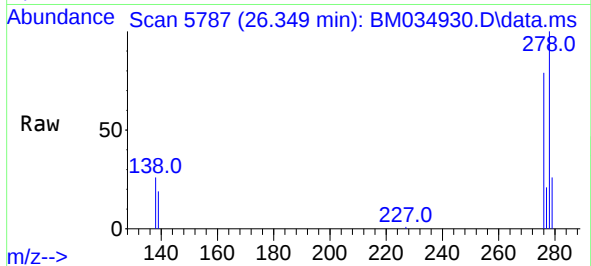




#28
Dibenzo(a,h)anthracene
Concen: 0.823 ng/ul
RT: 26.349 min Scan# 51
Delta R.T. -0.003 min
Lab File: BM034930.D
Acq: 04 May 2022 15:27

Instrument :
BNA_M
ClientSampleId :
SP5895

Tgt Ion:278 Resp: 24060
Ion Ratio Lower Upper
278 100
139 19.2 18.0 27.0
279 26.1 28.6 42.8#



#29
Benzo(g,h,i)perylene
Concen: 0.833 ng/ul
RT: 27.084 min Scan# 6006
Delta R.T. -0.003 min
Lab File: BM034930.D
Acq: 04 May 2022 15:27

Tgt Ion:276 Resp: 25830
Ion Ratio Lower Upper
276 100
138 23.7 17.4 26.0
277 24.7 22.6 33.8

