

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050322\
 Data File : BM034936.D
 Acq On : 04 May 2022 19:03
 Operator : CG/JU
 Sample : N2622-02
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SP-201-20220428

Quant Time: May 05 04:13:22 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)

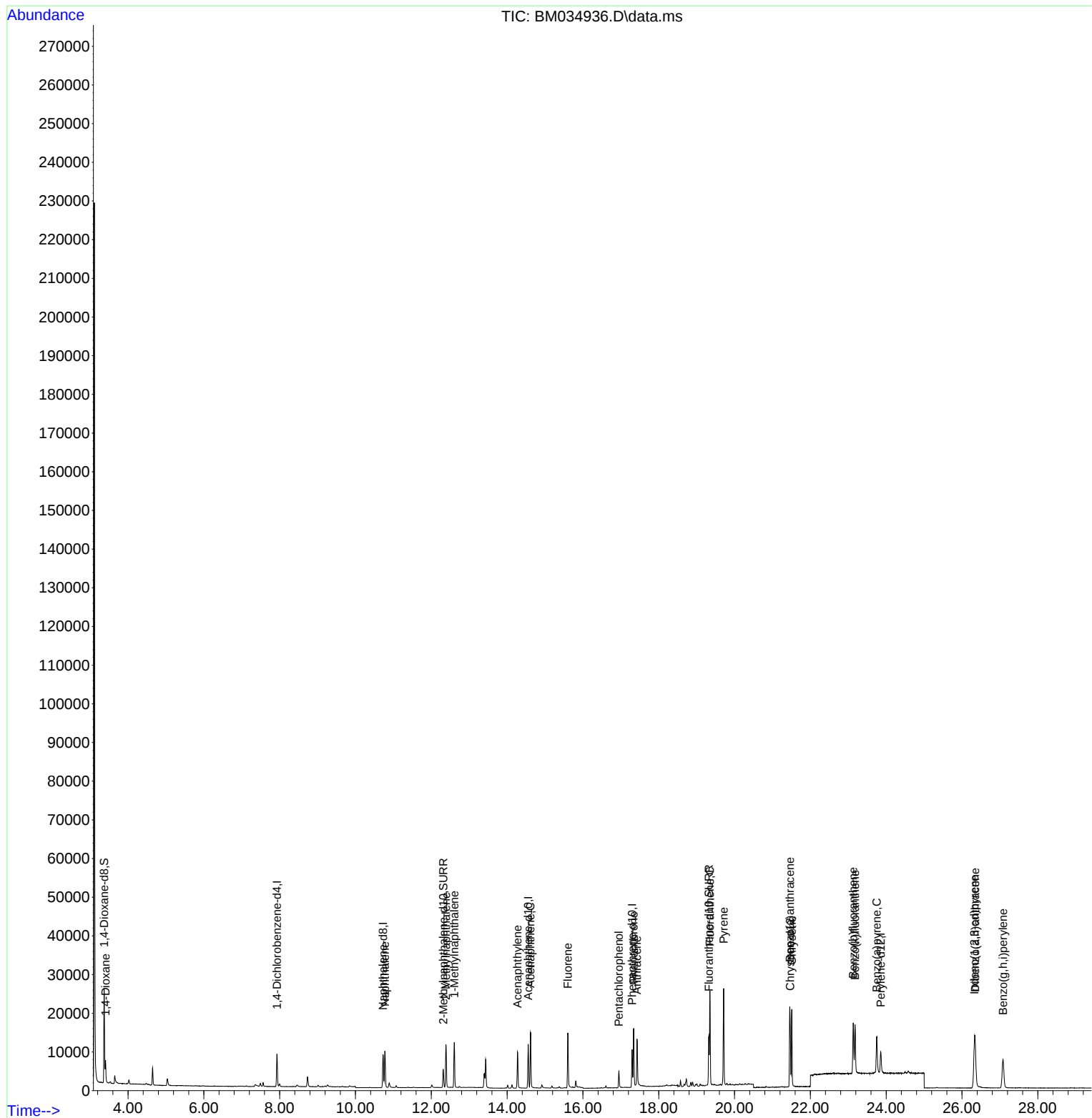
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.930	152	4383	0.400	ng/ul	0.00
4) Naphthalene-d8	10.726	136	11728	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.557	164	6117	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.297	188	11720	0.400	ng/ul	0.00
17) Chrysene-d12	21.473	240	8481	0.400	ng/ul #	0.00
23) Perylene-d12	23.858	264	7934	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.373	96	14185	2.926	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.316	152	6161	0.374	ng/ul	0.00
18) Fluoranthene-d10	19.322	212	14061	0.526	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.407	88	3218	0.697	ng/ul#	81
5) Naphthalene	10.776	128	12238	0.365	ng/ul#	89
7) 2-Methylnaphthalene	12.387	142	7808	0.351	ng/ul	100
8) 1-Methylnaphthalene	12.607	142	7659	0.350	ng/ul	100
10) Acenaphthylene	14.275	152	11042	0.413	ng/ul#	91
11) Acenaphthene	14.617	153	8524	0.377	ng/ul	97
12) Fluorene	15.603	166	9437	0.370	ng/ul#	97
14) Pentachlorophenol	16.951	266	2963	0.852	ng/ul	97
15) Phenanthrene	17.339	178	17102	0.441	ng/ul	94
16) Anthracene	17.428	178	15013	0.435	ng/ul	93
19) Fluoranthene	19.350	202	20645	0.507	ng/ul	99
20) Pyrene	19.713	202	20829	0.509	ng/ul	98
21) Benzo(a)anthracene	21.458	228	16520	0.501	ng/ul	99
22) Chrysene	21.511	228	17526	0.498	ng/ul	98
24) Benzo(b)fluoranthene	23.133	252	17332	0.478	ng/ul	90
25) Benzo(k)fluoranthene	23.179	252	16768	0.463	ng/ul#	89
26) Benzo(a)pyrene	23.752	252	15616	0.528	ng/ul#	84
27) Indeno(1,2,3-cd)pyrene	26.328	276	18962	0.457	ng/ul#	81
28) Dibenzo(a,h)anthracene	26.345	278	15468	0.458	ng/ul#	90
29) Benzo(g,h,i)perylene	27.083	276	16391	0.458	ng/ul	93

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

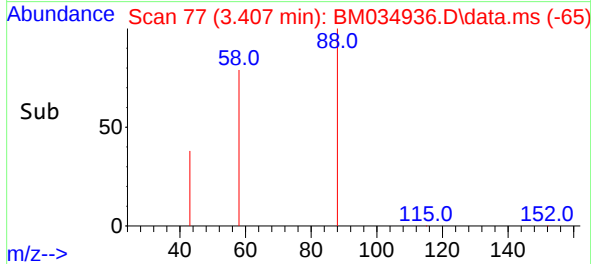
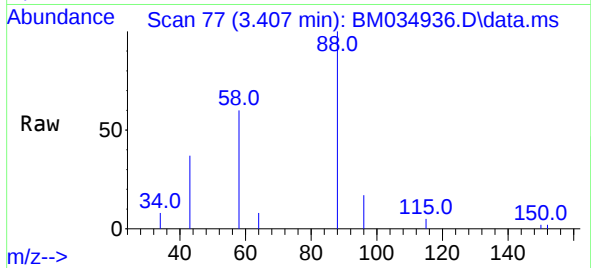
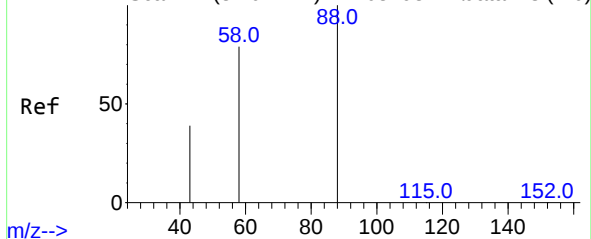
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050322\
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QLast Update : Wed May 04 02:59:36 2022
Response via : Initial Calibration



Abundance Scan 77 (3.407 min): BM034931.D\data.ms (-70)



#2

1,4-Dioxane

Concen: 0.697 ng/ul

RT: 3.407 min Scan# 71

Delta R.T. -0.000 min

Lab File: BM034936.D

Acq: 04 May 2022 19:03

Instrument :

BNA_M

ClientSampleId :

SP-201-20220428

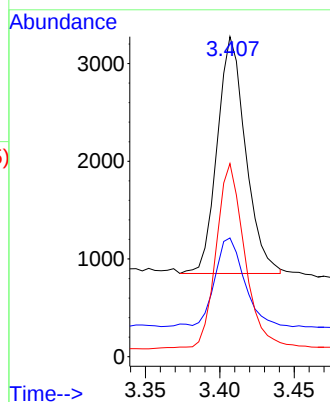
Tgt Ion: 88 Resp: 3218

Ion Ratio Lower Upper

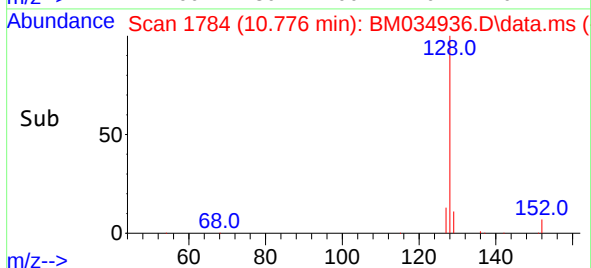
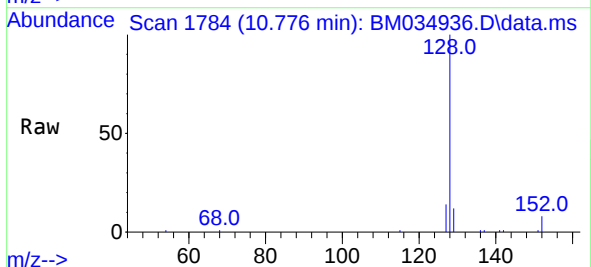
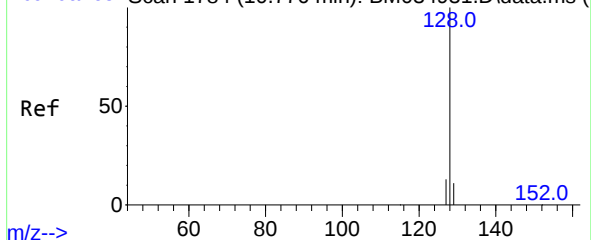
88 100

43 37.1 49.7 74.5#

58 60.3 52.5 78.7



Abundance Scan 1784 (10.776 min): BM034931.D\data.ms (-65)



#5

Naphthalene

Concen: 0.365 ng/ul

RT: 10.776 min Scan# 1784

Delta R.T. -0.006 min

Lab File: BM034936.D

Acq: 04 May 2022 19:03

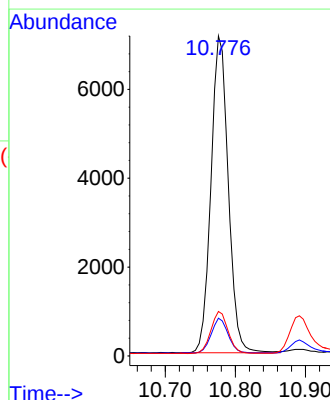
Tgt Ion:128 Resp: 12238

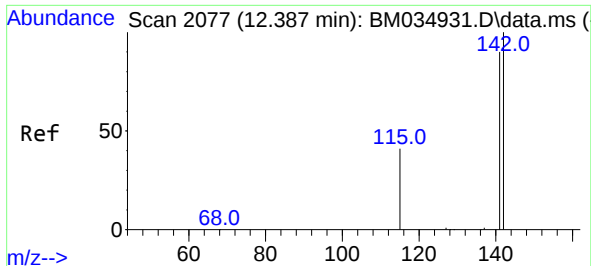
Ion Ratio Lower Upper

128 100

129 11.8 13.4 20.2#

127 13.9 15.2 22.8#

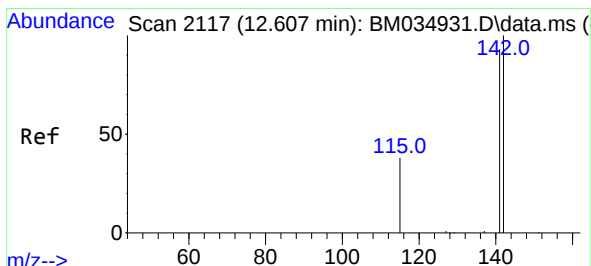
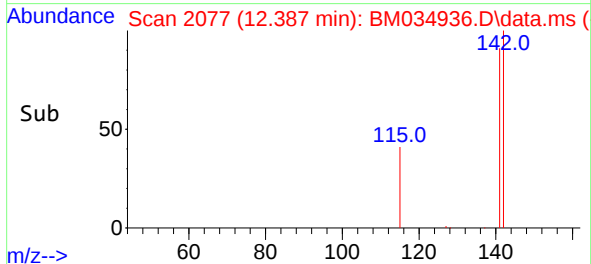
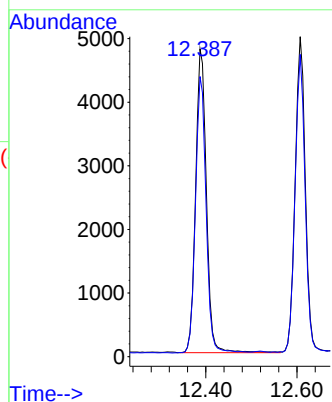
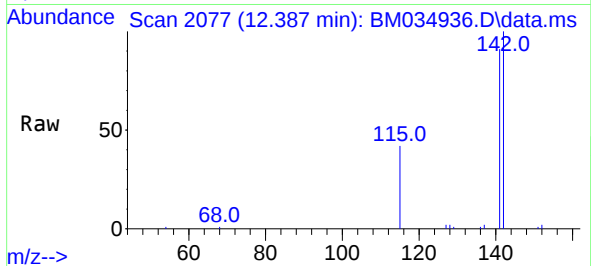




#7
2-Methylnaphthalene
Concen: 0.351 ng/ul
RT: 12.387 min Scan# 2077
Delta R.T. -0.006 min
Lab File: BM034936.D
Acq: 04 May 2022 19:03

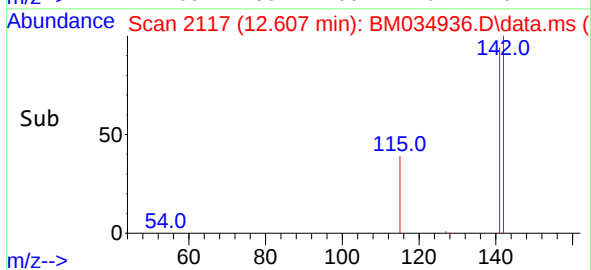
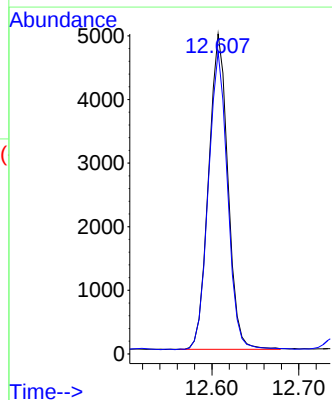
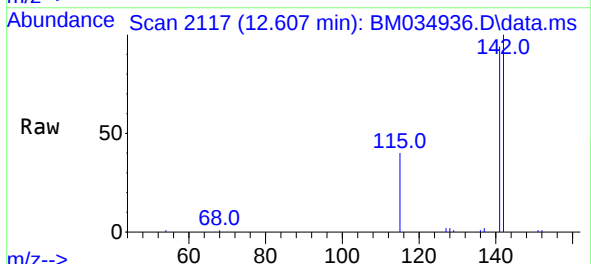
Instrument :
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ClientSampleId :
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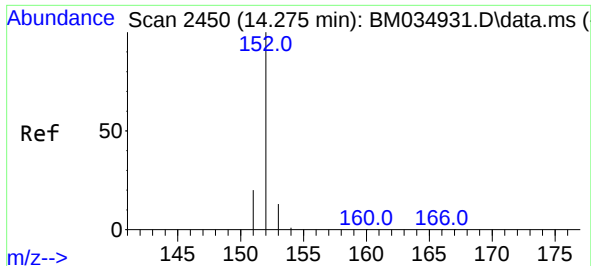
Tgt Ion:142 Resp: 7808
Ion Ratio Lower Upper
142 100
141 89.7 71.8 107.6



#8
1-Methylnaphthalene
Concen: 0.350 ng/ul
RT: 12.607 min Scan# 2117
Delta R.T. -0.000 min
Lab File: BM034936.D
Acq: 04 May 2022 19:03

Tgt Ion:142 Resp: 7659
Ion Ratio Lower Upper
142 100
141 93.7 75.0 112.4

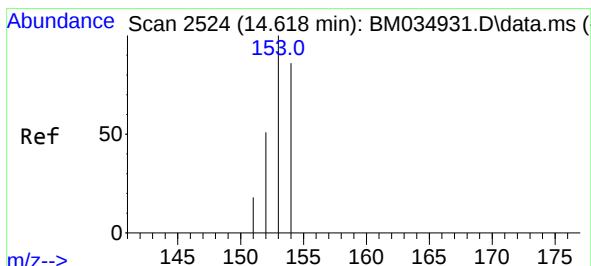
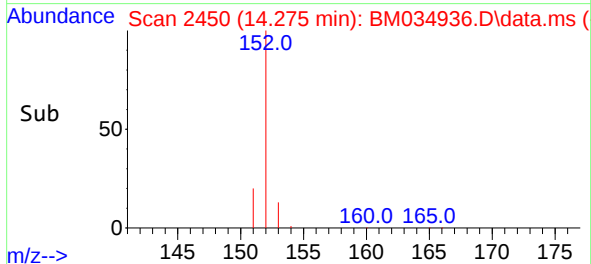
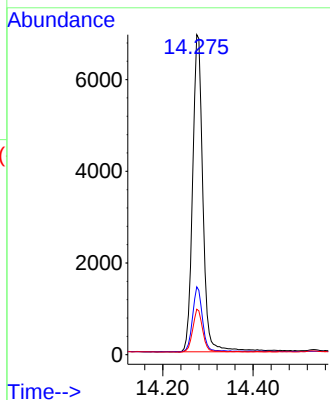
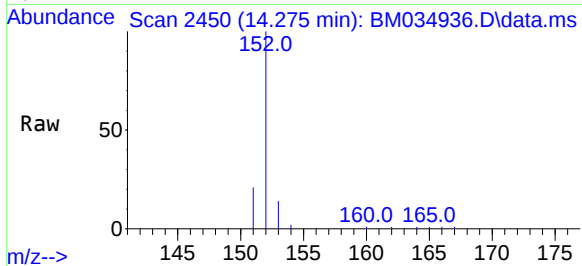




#10
Acenaphthylene
Concen: 0.413 ng/u1
RT: 14.275 min Scan# 2450
Delta R.T. -0.005 min
Lab File: BM034936.D
Acq: 04 May 2022 19:03

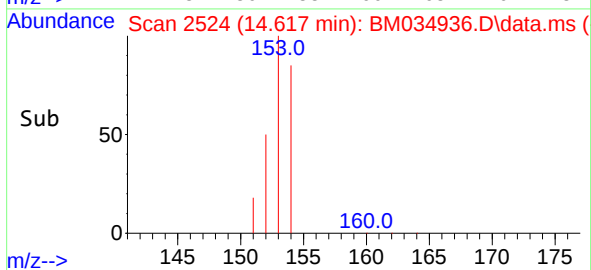
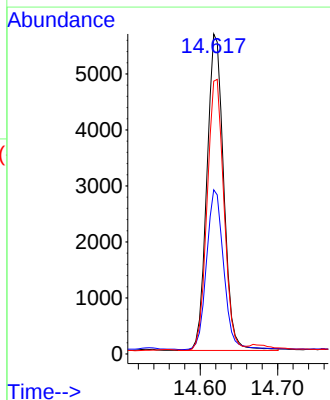
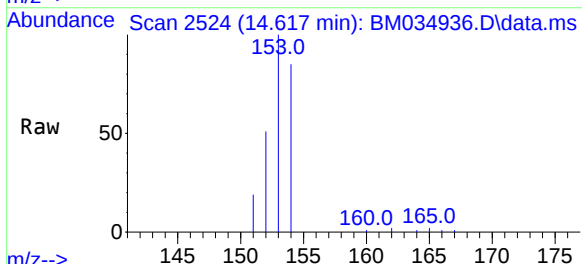
Instrument :
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ClientSampleId :
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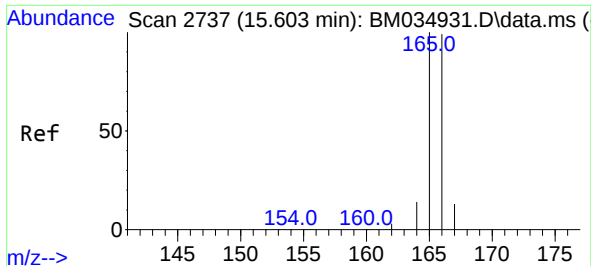
Tgt Ion:152 Resp: 11042
Ion Ratio Lower Upper
152 100
151 21.2 19.9 29.9
153 14.2 15.0 22.4#



#11
Acenaphthene
Concen: 0.377 ng/u1
RT: 14.617 min Scan# 2524
Delta R.T. -0.005 min
Lab File: BM034936.D
Acq: 04 May 2022 19:03

Tgt Ion:153 Resp: 8524
Ion Ratio Lower Upper
153 100
152 51.3 42.4 63.6
154 85.3 66.2 99.2

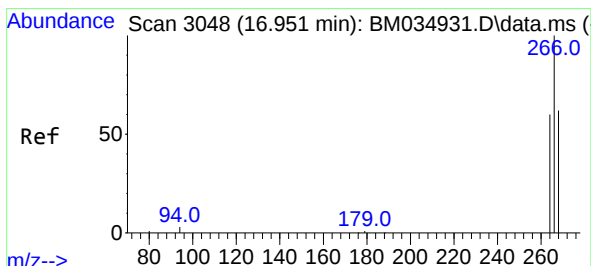
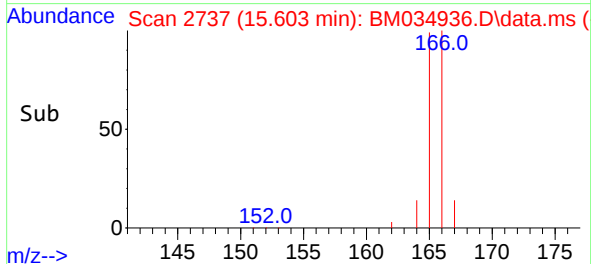
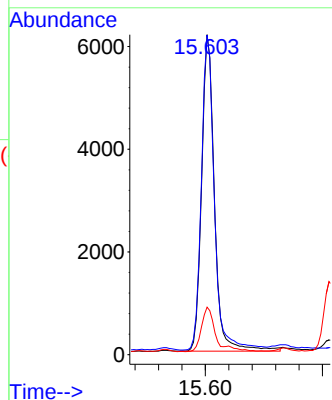
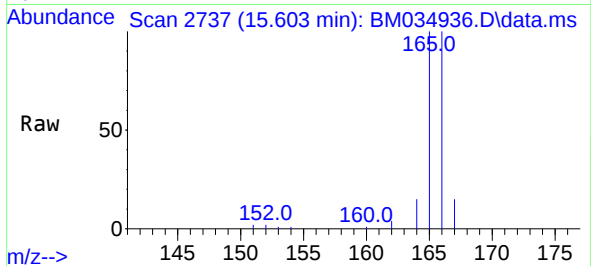




#12
Fluorene
Concen: 0.370 ng/ul
RT: 15.603 min Scan# 21
Delta R.T. -0.005 min
Lab File: BM034936.D
Acq: 04 May 2022 19:03

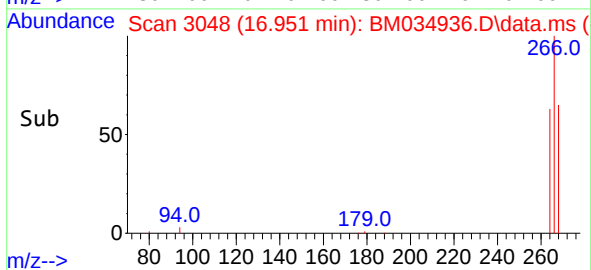
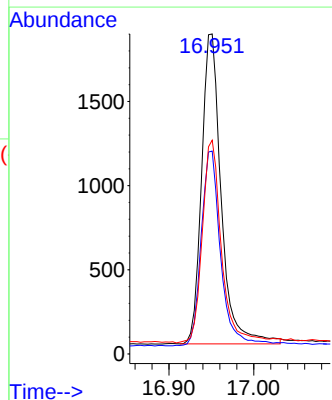
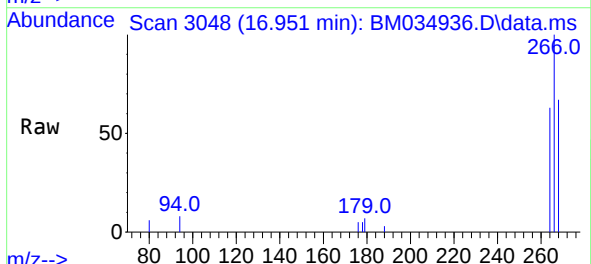
Instrument :
BNA_M
ClientSampleId :
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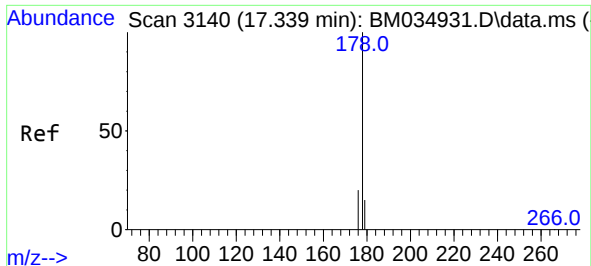
Tgt Ion:166 Resp: 9437
Ion Ratio Lower Upper
166 100
165 99.9 81.1 121.7
167 14.8 14.9 22.3#



#14
Pentachlorophenol
Concen: 0.852 ng/ul
RT: 16.951 min Scan# 3048
Delta R.T. -0.000 min
Lab File: BM034936.D
Acq: 04 May 2022 19:03

Tgt Ion:266 Resp: 2963
Ion Ratio Lower Upper
266 100
264 62.4 51.4 77.0
268 64.0 53.1 79.7

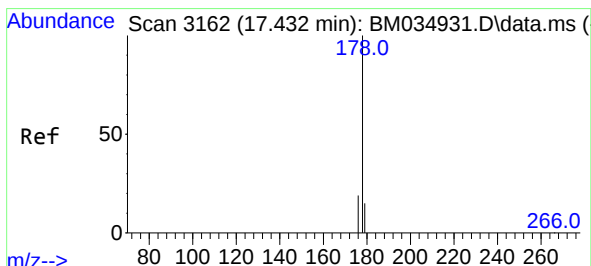
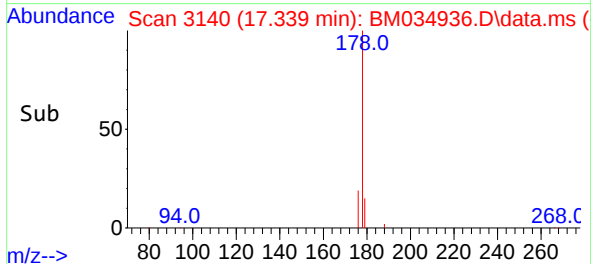
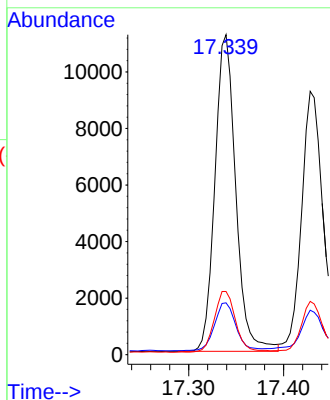
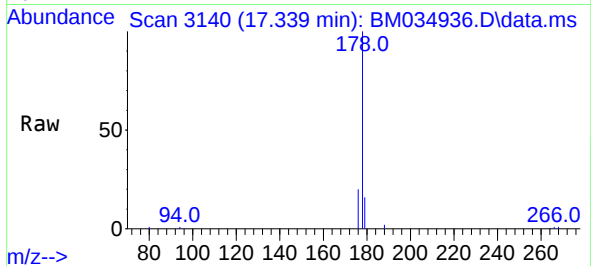




#15
Phenanthrene
Concen: 0.441 ng/ul
RT: 17.339 min Scan# 3140
Delta R.T. -0.000 min
Lab File: BM034936.D
Acq: 04 May 2022 19:03

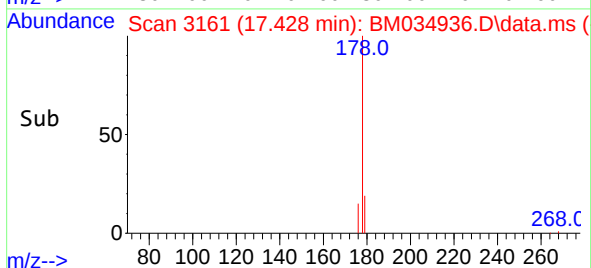
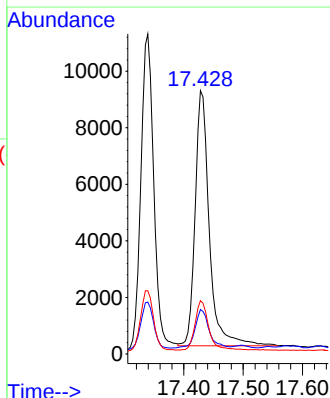
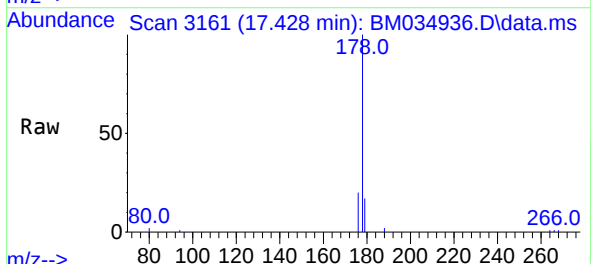
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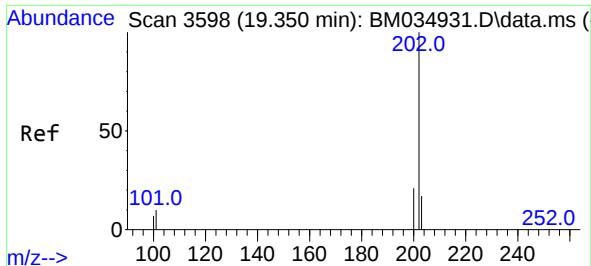
Tgt Ion:	178	Resp:	17102
Ion Ratio	Lower	Upper	
178	100		
179	16.2	15.0	22.6
176	19.7	17.9	26.9



#16
Anthracene
Concen: 0.435 ng/ul
RT: 17.428 min Scan# 3161
Delta R.T. -0.004 min
Lab File: BM034936.D
Acq: 04 May 2022 19:03

Tgt Ion:	178	Resp:	15013
Ion Ratio	Lower	Upper	
178	100		
179	16.9	16.5	24.7
176	20.2	18.3	27.5

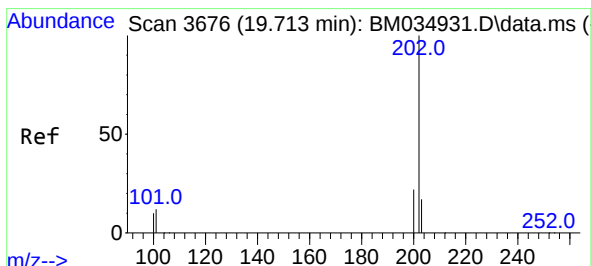
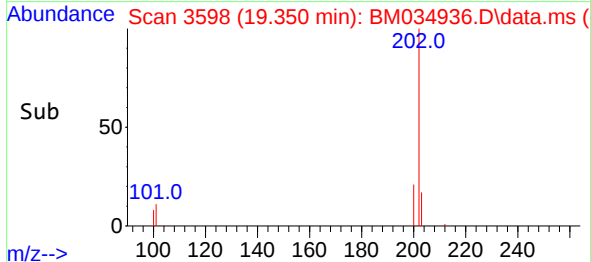
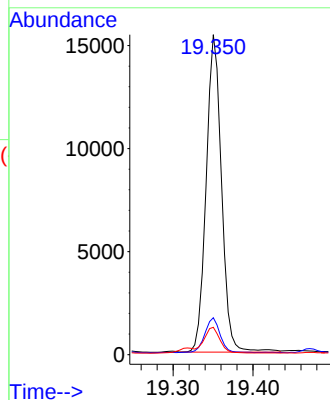
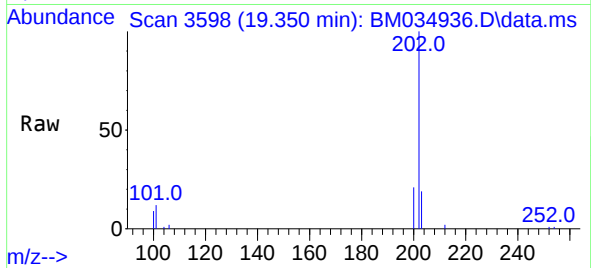




#19
Fluoranthene
Concen: 0.507 ng/u1
RT: 19.350 min Scan# 3598
Delta R.T. -0.005 min
Lab File: BM034936.D
Acq: 04 May 2022 19:03

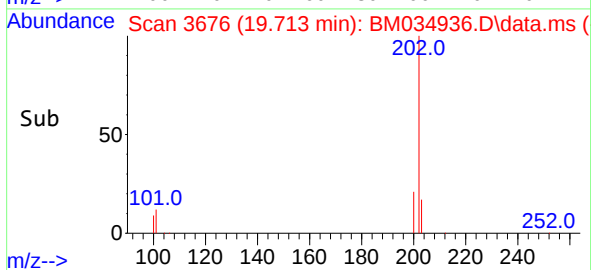
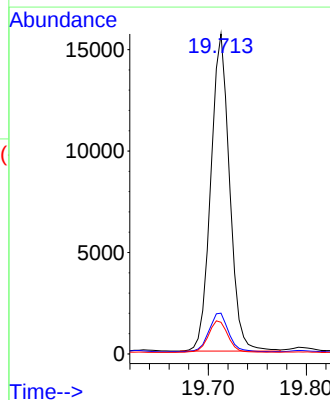
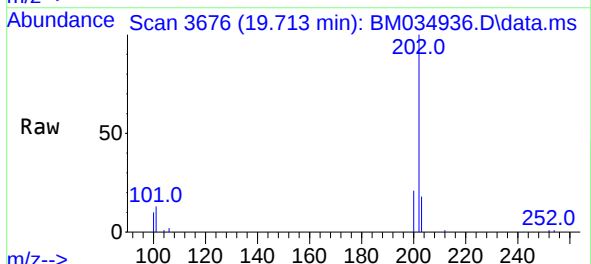
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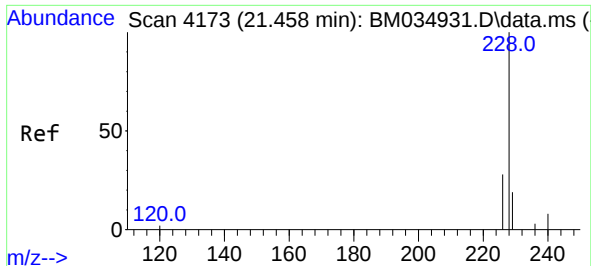
Tgt Ion:	202	Resp:	20645
Ion Ratio	Lower	Upper	
202	100		
101	11.5	9.2	13.8
100	8.6	7.2	10.8



#20
Pyrene
Concen: 0.509 ng/u1
RT: 19.713 min Scan# 3676
Delta R.T. -0.000 min
Lab File: BM034936.D
Acq: 04 May 2022 19:03

Tgt Ion:	202	Resp:	20829
Ion Ratio	Lower	Upper	
202	100		
101	12.7	9.3	13.9
100	9.9	7.8	11.6

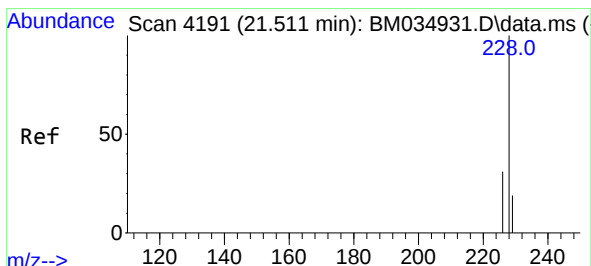
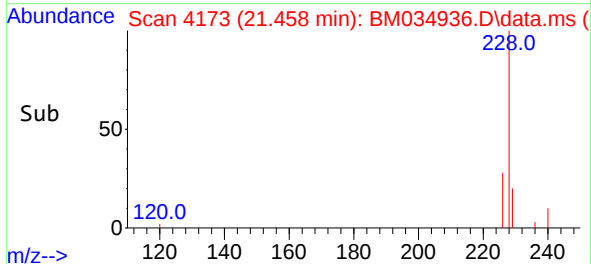
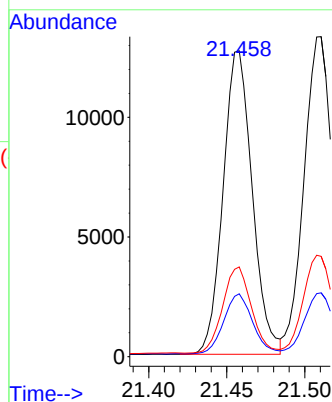
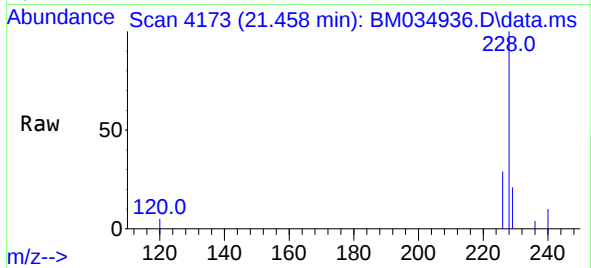




#21
Benzo(a)anthracene
Concen: 0.501 ng/ul
RT: 21.458 min Scan# 4173
Delta R.T. -0.000 min
Lab File: BM034936.D
Acq: 04 May 2022 19:03

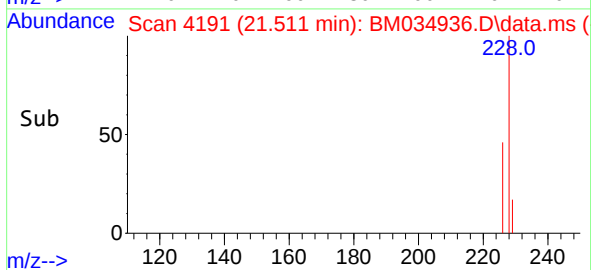
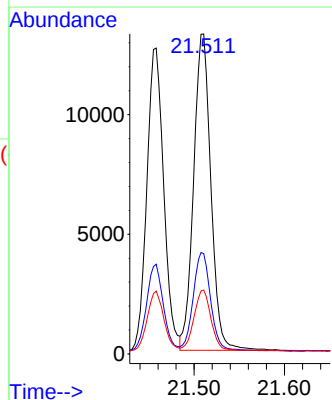
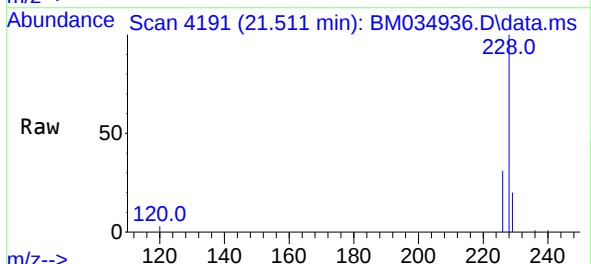
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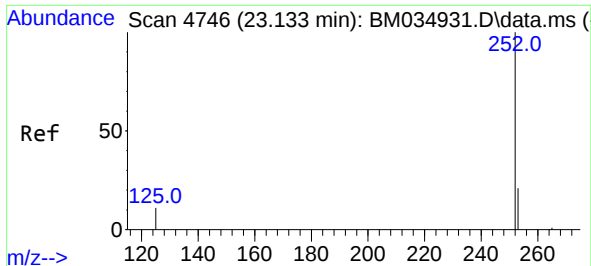
Tgt Ion:	228	Resp:	16520
Ion Ratio	Lower	Upper	
228	100		
229	20.5	17.3	25.9
226	29.3	23.2	34.8



#22
Chrysene
Concen: 0.498 ng/ul
RT: 21.511 min Scan# 4191
Delta R.T. -0.000 min
Lab File: BM034936.D
Acq: 04 May 2022 19:03

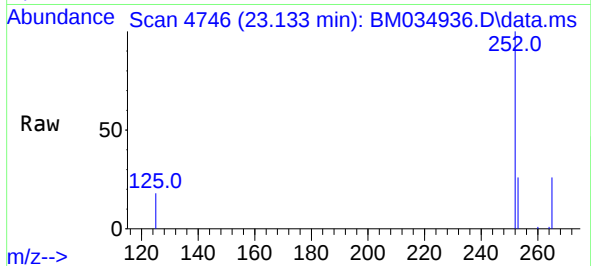
Tgt Ion:	228	Resp:	17526
Ion Ratio	Lower	Upper	
228	100		
226	31.3	25.8	38.8
229	20.0	16.7	25.1



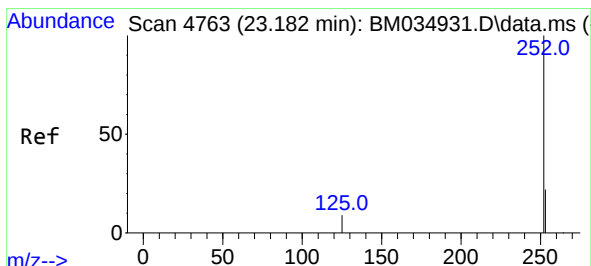
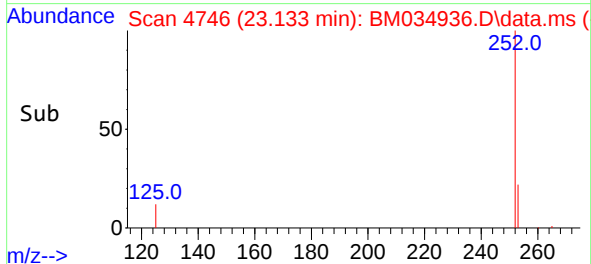
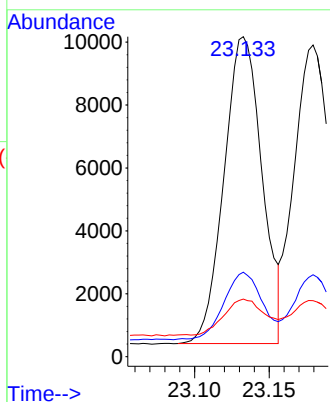


#24
Benzo(b)fluoranthene
Concen: 0.478 ng/ul
RT: 23.133 min Scan# 4746
Delta R.T. -0.003 min
Lab File: BM034936.D
Acq: 04 May 2022 19:03

Instrument :
BNA_M
ClientSampleId :
SP-201-20220428

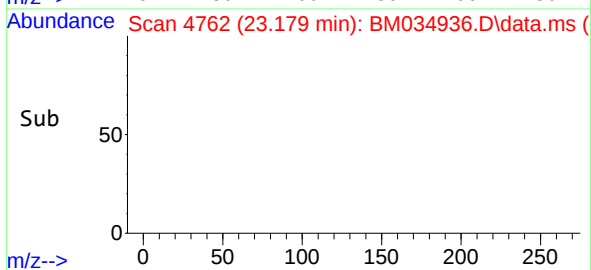
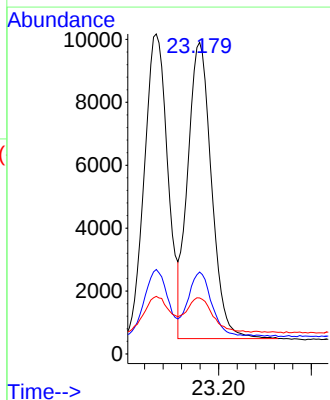
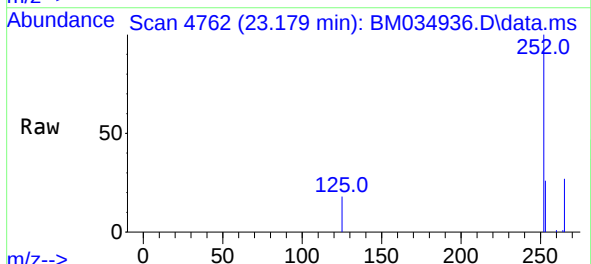


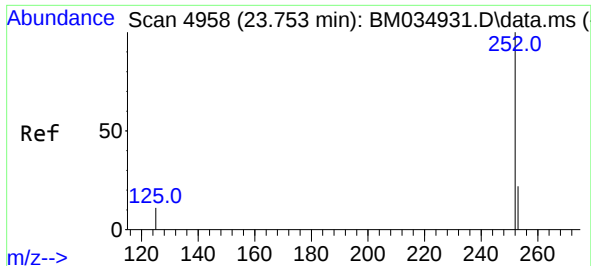
Tgt Ion:252 Resp: 17332
Ion Ratio Lower Upper
252 100
253 26.4 0.0 64.2
125 18.0 0.0 28.8



#25
Benzo(k)fluoranthene
Concen: 0.463 ng/ul
RT: 23.179 min Scan# 4762
Delta R.T. -0.003 min
Lab File: BM034936.D
Acq: 04 May 2022 19:03

Tgt Ion:252 Resp: 16768
Ion Ratio Lower Upper
252 100
253 26.3 26.8 40.2#
125 18.0 12.0 18.0

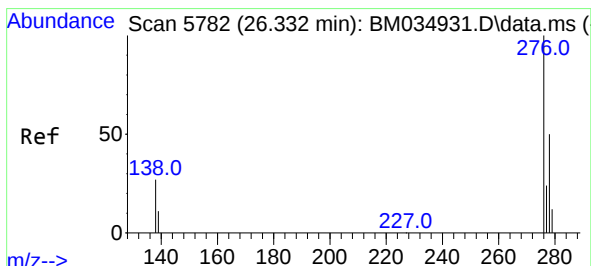
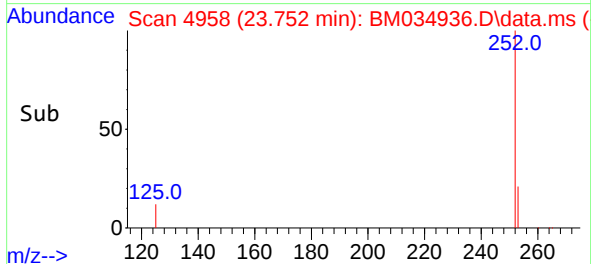
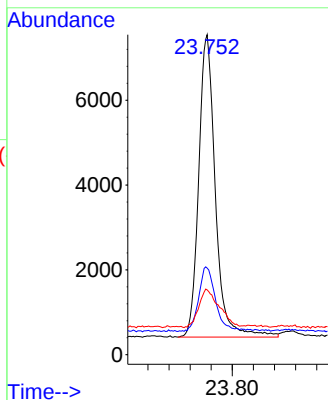
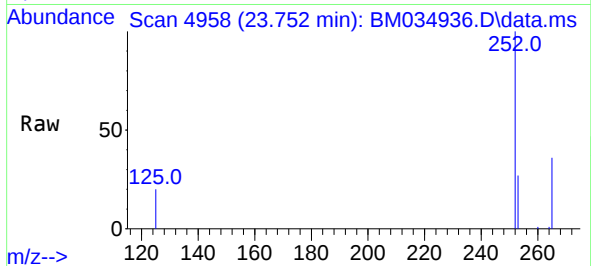




#26
Benzo(a)pyrene
Concen: 0.528 ng/ul
RT: 23.752 min Scan# 4958
Delta R.T. -0.003 min
Lab File: BM034936.D
Acq: 04 May 2022 19:03

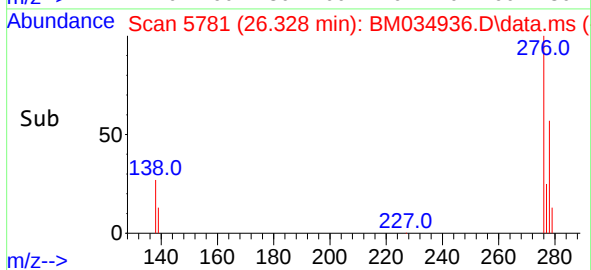
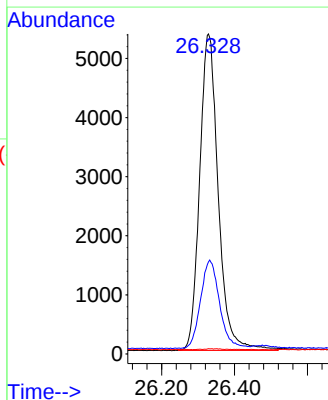
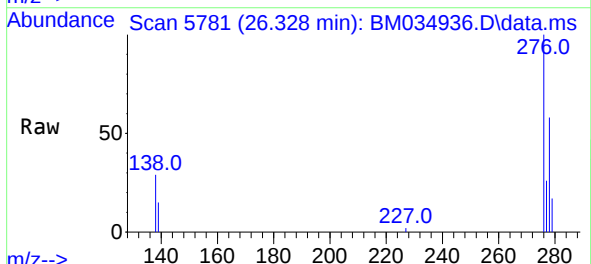
Instrument :
BNA_M
ClientSampleId :
SP-201-20220428

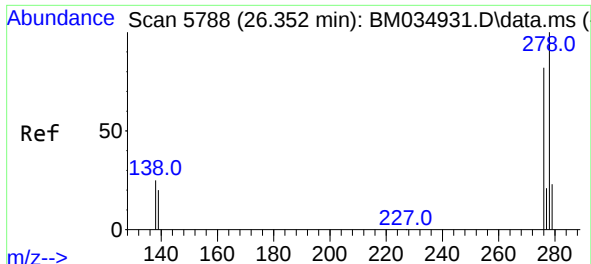
Tgt Ion:252 Resp: 15616
Ion Ratio Lower Upper
252 100
253 27.1 32.0 48.0#
125 20.2 14.5 21.7



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.457 ng/ul
RT: 26.328 min Scan# 5781
Delta R.T. -0.007 min
Lab File: BM034936.D
Acq: 04 May 2022 19:03

Tgt Ion:276 Resp: 18962
Ion Ratio Lower Upper
276 100
138 28.4 15.8 23.6#
227 0.1 0.0 0.0#

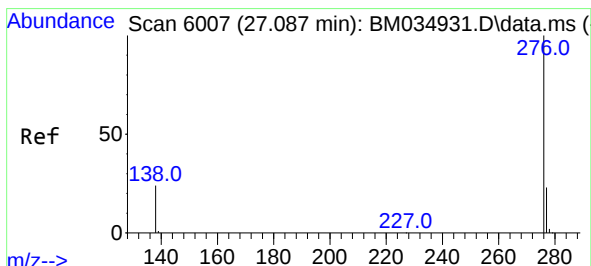
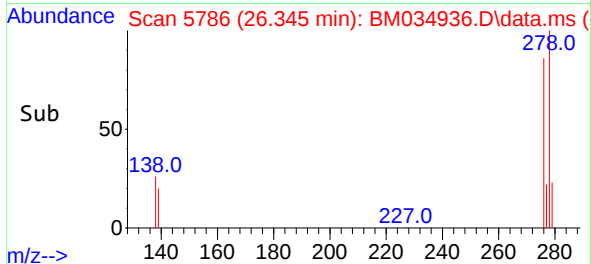
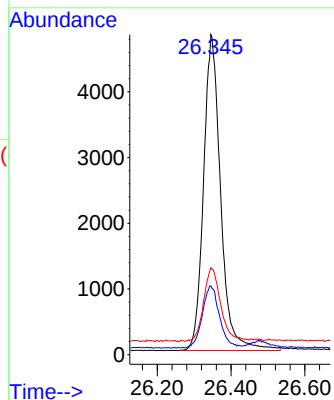
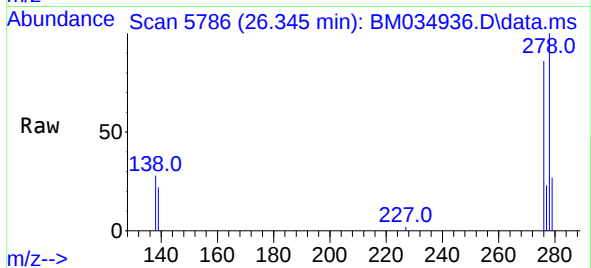




#28
Dibenzo(a,h)anthracene
Concen: 0.458 ng/ul
RT: 26.345 min Scan# 51
Delta R.T. -0.007 min
Lab File: BM034936.D
Acq: 04 May 2022 19:03

Instrument :
BNA_M
ClientSampleId :
SP-201-20220428

Tgt Ion: 278 Resp: 15468
Ion Ratio Lower Upper
278 100
139 21.5 18.0 27.0
279 27.2 28.6 42.8#



#29
Benzo(g,h,i)perylene
Concen: 0.458 ng/ul
RT: 27.083 min Scan# 6006
Delta R.T. -0.003 min
Lab File: BM034936.D
Acq: 04 May 2022 19:03

Tgt Ion: 276 Resp: 16391
Ion Ratio Lower Upper
276 100
138 25.0 17.4 26.0
277 24.3 22.6 33.8

