

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081221\
 Data File : BM031691.D
 Acq On : 12 Aug 2021 23:45
 Operator : CG/JU
 Sample : M3182-21DL 5X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C00D9DL

Manual Integrations
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mohammad
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Quant Time: Aug 13 01:03:06 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM072821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 12 17:28:09 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.569	152	1360	0.400	ng/ul	0.00
4) Naphthalene-d8	10.334	136	4870	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.205	164	2614	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.957	188	5007	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.152	240	4169	0.400	ng/ul	# 0.00
23) Perylene-d12	23.304	264	4175	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.189	96	618	0.409	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.930	152	213	0.026	ng/ul	0.00
18) Fluoranthene-d10	18.989	212	431	0.031	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.383	128	1284	0.089	ng/ul#	89
7) 2-Methylnaphthalene	12.002	142	1130	0.114	ng/ul	99
8) 1-Methylnaphthalene	12.223	142	660	0.067	ng/ul	96
10) Acenaphthylene	13.927	152	1441	0.129	ng/ul#	90
11) Acenaphthene	14.265	153	234	0.025	ng/ul#	90
12) Fluorene	15.263	166	416	0.039	ng/ul#	90
15) Phenanthrene	16.999	178	7754	0.488	ng/ul	99
16) Anthracene	17.089	178	2000	0.134	ng/ul	93
19) Fluoranthene	19.020	202	18014	1.012	ng/ul	97
20) Pyrene	19.382	202	14956	0.828	ng/ul	96
21) Benzo(a)anthracene	21.137	228	8068	0.479	ng/ul	94
22) Chrysene	21.188	228	8032	0.461	ng/ul	97
24) Benzo(b)fluoranthene	22.670	252	10282m	0.547	ng/ul	
25) Benzo(k)fluoranthene	22.708	252	3639m	0.187	ng/ul	
26) Benzo(a)pyrene	23.212	252	6380	0.387	ng/ul#	85
27) Indeno(1,2,3-cd)pyrene	25.441	276	4533	0.213	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.446	278	1166	0.068	ng/ul#	37
29) Benzo(g,h,i)perylene	26.088	276	771	0.042	ng/ul#	47

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

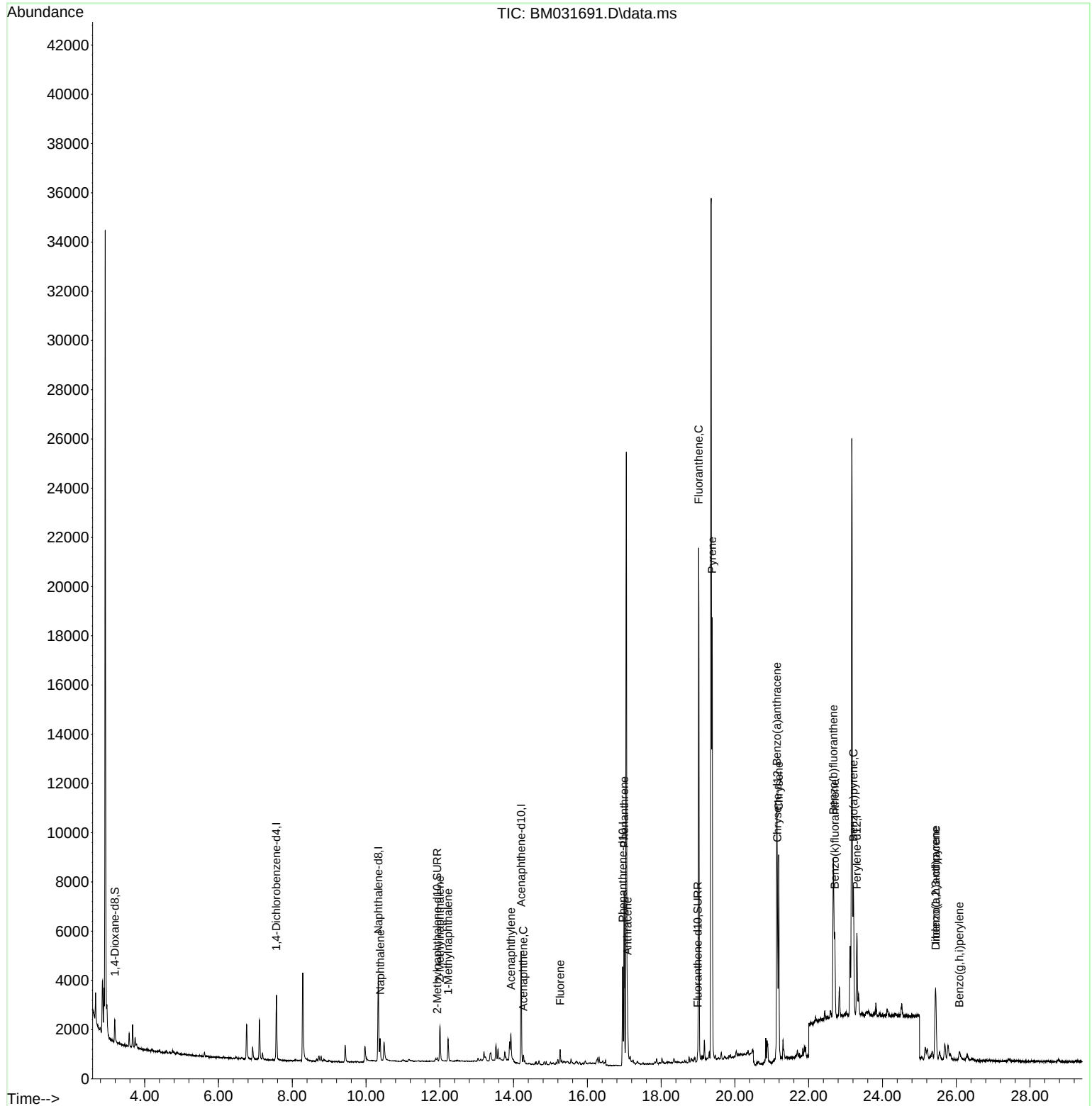
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Data File : BM031691.D
Acq On : 12 Aug 2021 23:45
Operator : CG/JU
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ALS Vial : 23 Sample Multiplier: 1

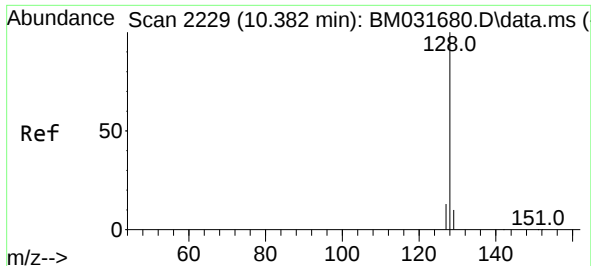
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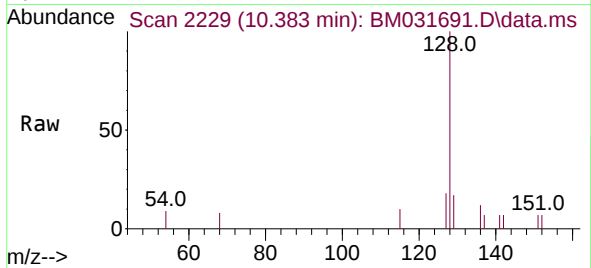
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Quant Time: Aug 13 01:03:06 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 12 17:28:09 2021
Response via : Initial Calibration

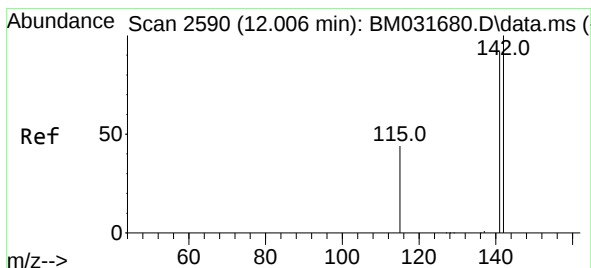
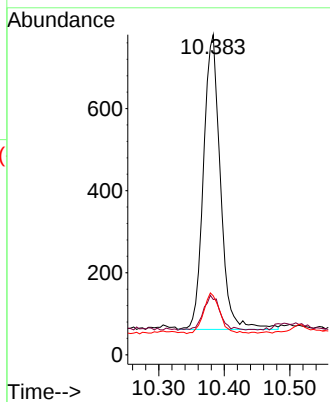
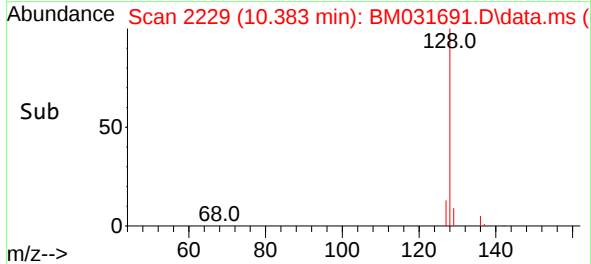




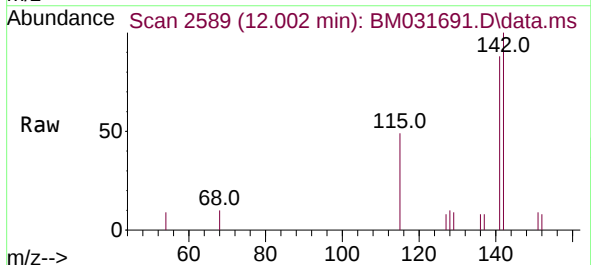
#5
Naphthalene
Concen: 0.089 ng/ul
RT: 10.383 min Scan# 2229
Delta R.T. 0.001 min
Lab File: BM031691.D
Acq: 12 Aug 2021 23:45



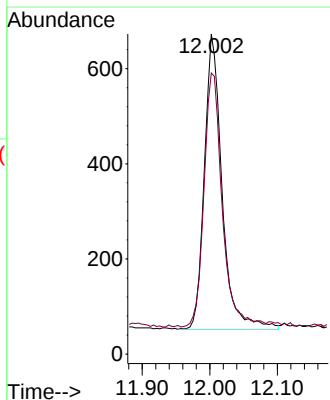
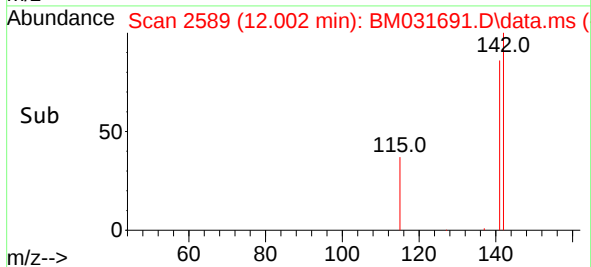
Tgt Ion:128 Resp: 1284
Ion Ratio Lower Upper
128 100
129 17.3 10.0 15.0#
127 18.5 11.6 17.4#



#7
2-Methylnaphthalene
Concen: 0.114 ng/ul
RT: 12.002 min Scan# 2589
Delta R.T. -0.003 min
Lab File: BM031691.D
Acq: 12 Aug 2021 23:45



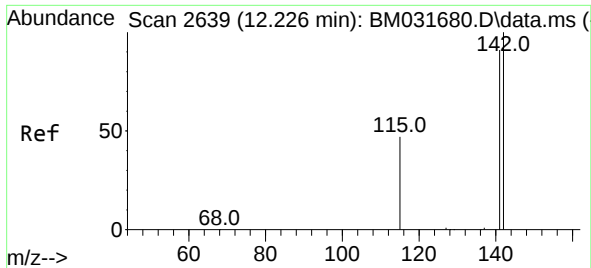
Tgt Ion:142 Resp: 1130
Ion Ratio Lower Upper
142 100
141 88.6 71.4 107.0



Instrument :
BNA_M
ClientSampleId :
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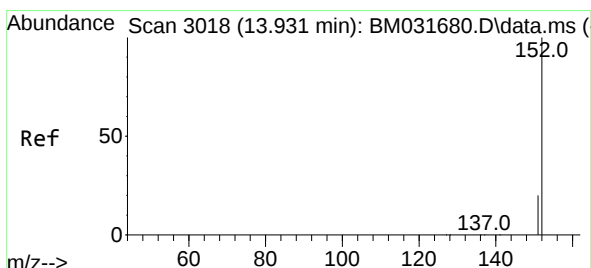
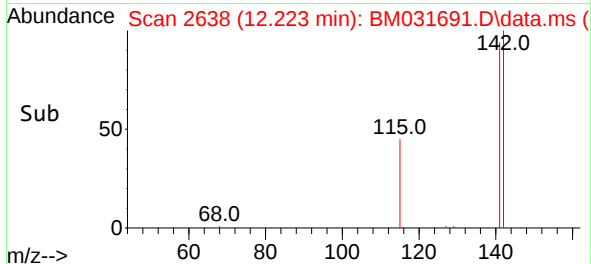
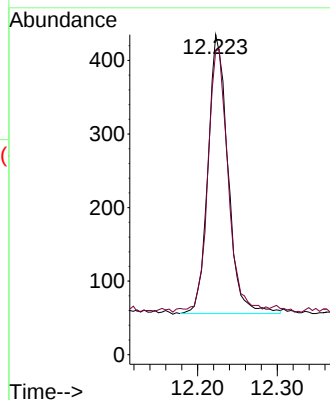
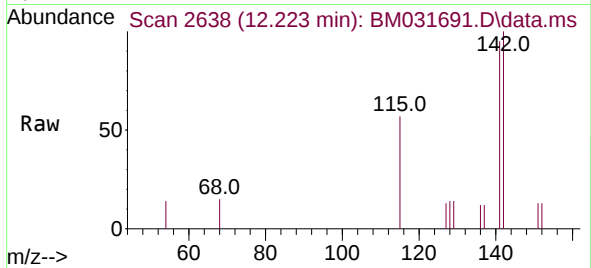
#8
1-Methylnaphthalene
Concen: 0.067 ng/ul
RT: 12.223 min Scan# 2638
Delta R.T. -0.004 min
Lab File: BM031691.D
Acq: 12 Aug 2021 23:45

Tgt Ion:142 Resp: 660
Ion Ratio Lower Upper
142 100
141 96.1 74.1 111.1

Instrument :
BNA_M
ClientSampled :
C00D9DL

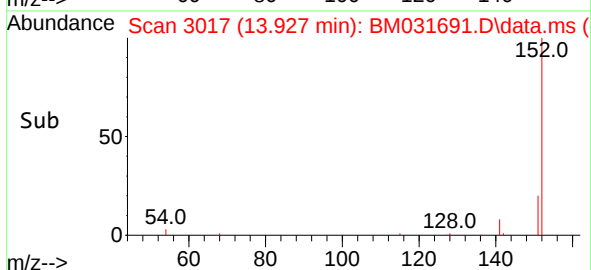
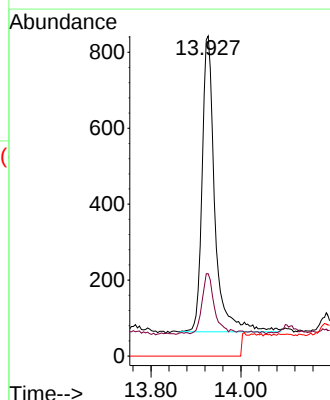
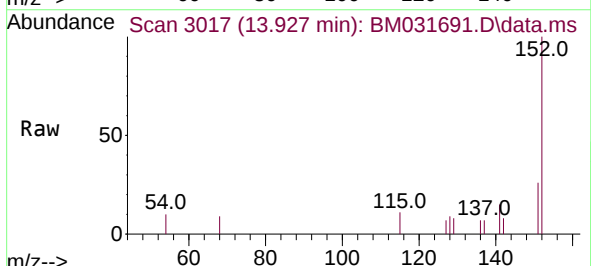
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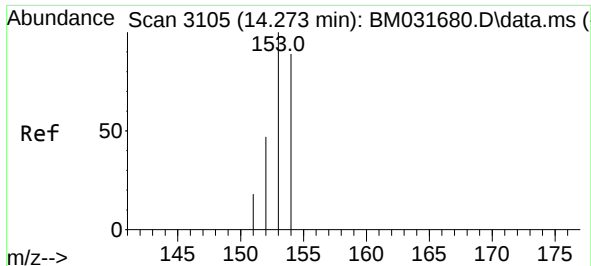
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#10
Acenaphthylene
Concen: 0.129 ng/ul
RT: 13.927 min Scan# 3017
Delta R.T. -0.003 min
Lab File: BM031691.D
Acq: 12 Aug 2021 23:45

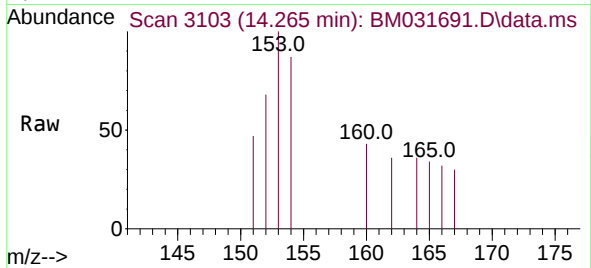
Tgt Ion:152 Resp: 1441
Ion Ratio Lower Upper
152 100
151 25.7 16.9 25.3#
153 0.0 0.0 0.0



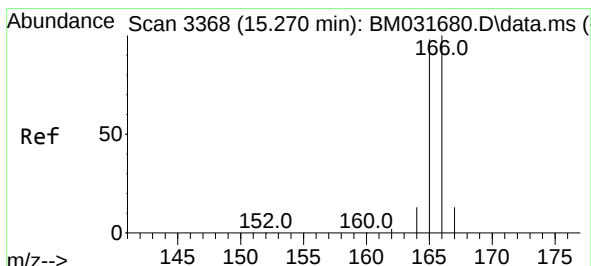
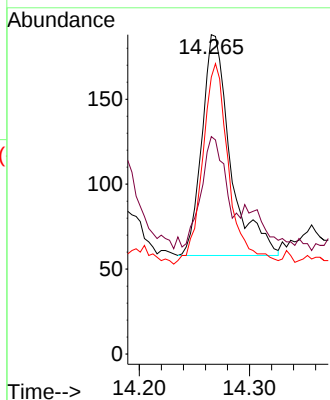
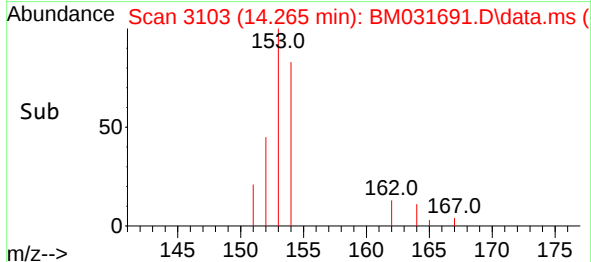


#11
Acenaphthene
Concen: 0.025 ng/ul
RT: 14.265 min Scan# 3103
Delta R.T. -0.007 min
Lab File: BM031691.D
Acq: 12 Aug 2021 23:45

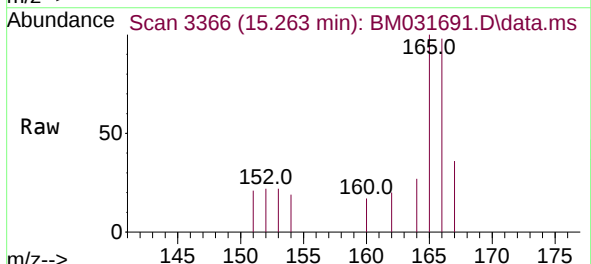
Instrument :
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ClientSampleId :
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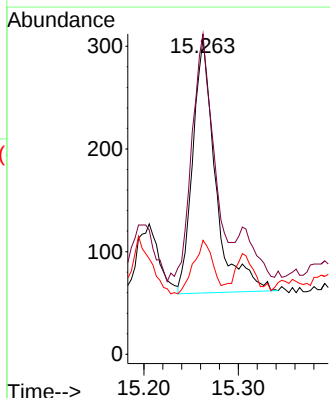
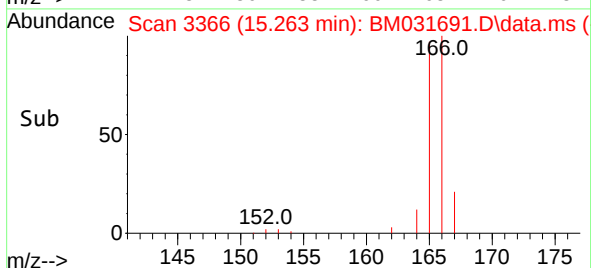
Tgt Ion:153 Resp: 234
Ion Ratio Lower Upper
153 100
152 68.1 40.7 61.1#
154 86.7 70.2 105.2

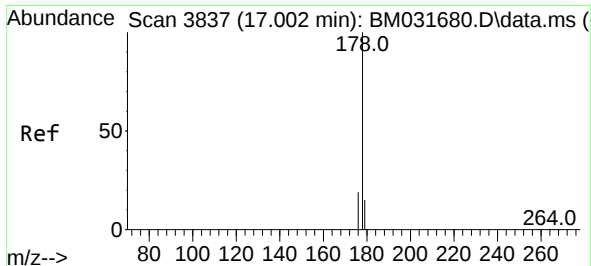


#12
Fluorene
Concen: 0.039 ng/ul
RT: 15.263 min Scan# 3366
Delta R.T. -0.007 min
Lab File: BM031691.D
Acq: 12 Aug 2021 23:45



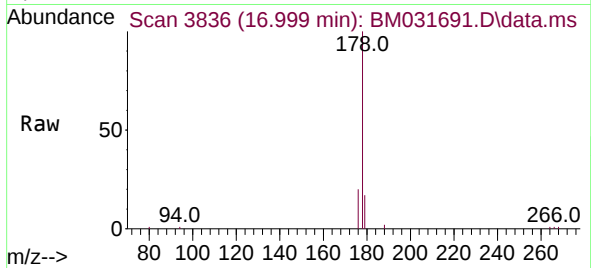
Tgt Ion:166 Resp: 416
Ion Ratio Lower Upper
166 100
165 101.6 78.0 117.0
167 36.2 12.0 18.0#





#15
Phenanthrene
Concen: 0.488 ng/ul
RT: 16.999 min Scan# 3836
Delta R.T. -0.003 min
Lab File: BM031691.D
Acq: 12 Aug 2021 23:45

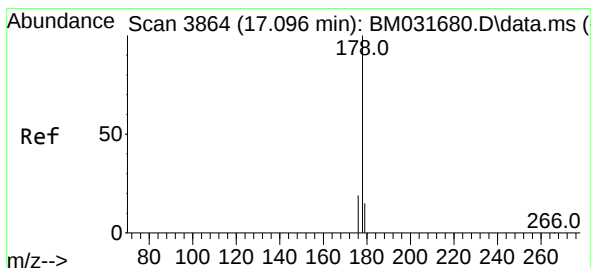
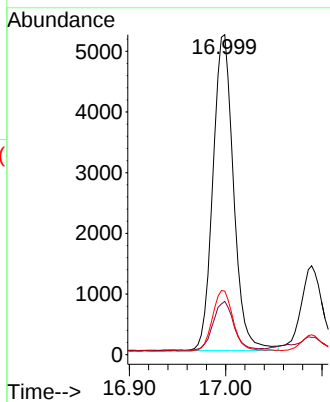
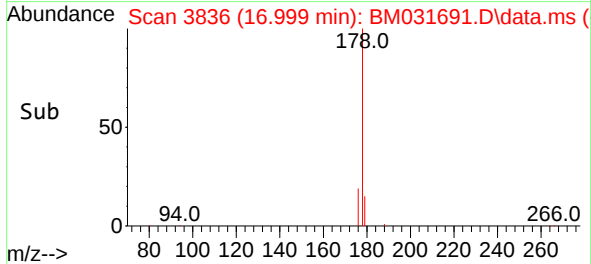
Instrument :
BNA_M
ClientSampleID :
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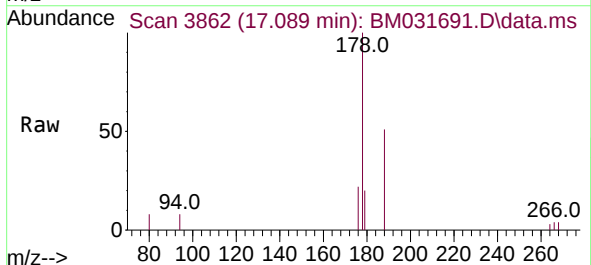
Tgt Ion:178 Resp: 7754
Ion Ratio Lower Upper
178 100
179 16.7 13.3 19.9
176 19.9 16.2 24.4

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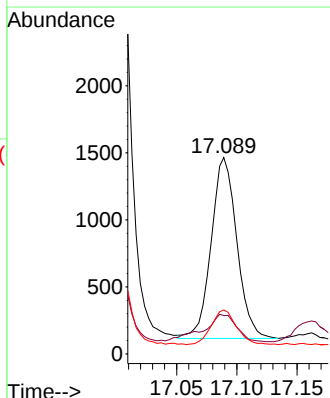
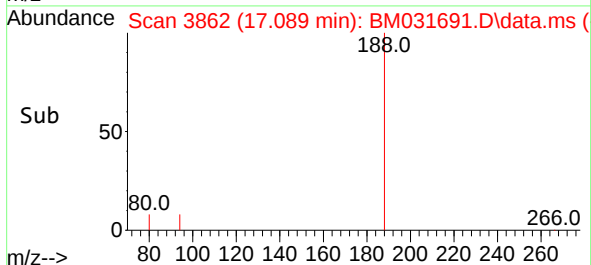
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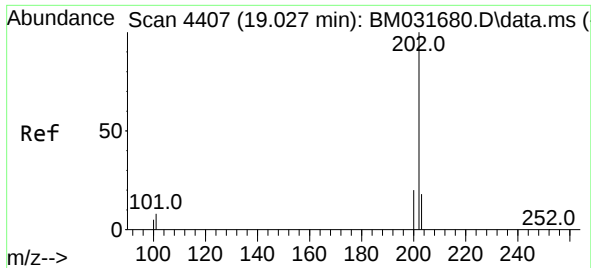


#16
Anthracene
Concen: 0.134 ng/ul
RT: 17.089 min Scan# 3862
Delta R.T. -0.007 min
Lab File: BM031691.D
Acq: 12 Aug 2021 23:45



Tgt Ion:178 Resp: 2000
Ion Ratio Lower Upper
178 100
179 19.5 13.0 19.6
176 22.4 15.6 23.4





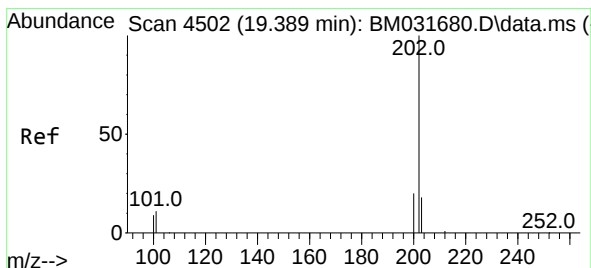
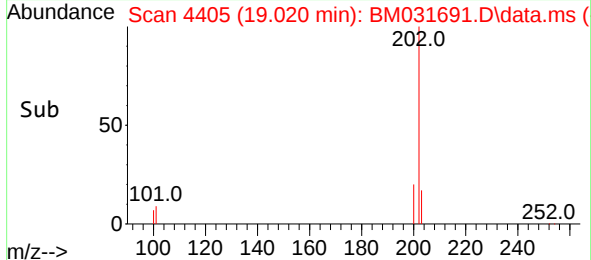
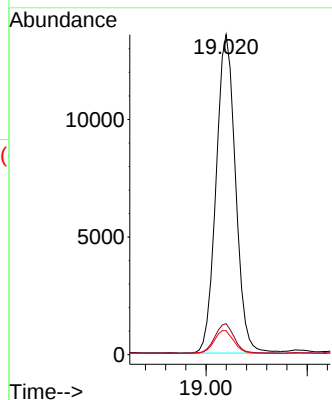
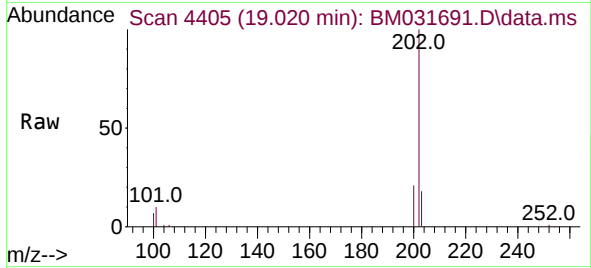
#19
Fluoranthene
Concen: 1.012 ng/ul
RT: 19.020 min Scan# 4405
Delta R.T. -0.007 min
Lab File: BM031691.D
Acq: 12 Aug 2021 23:45

Tgt Ion:	202	Resp:	18014
Ion Ratio	Lower	Upper	
202	100		
101	9.7	6.6	10.0
100	7.5	5.4	8.0

Instrument :
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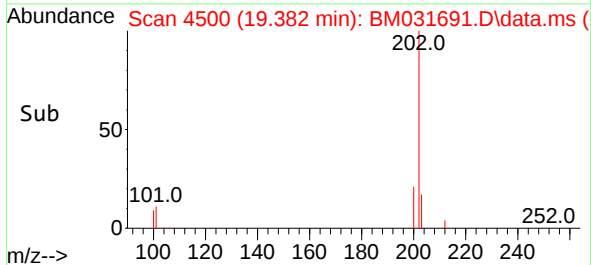
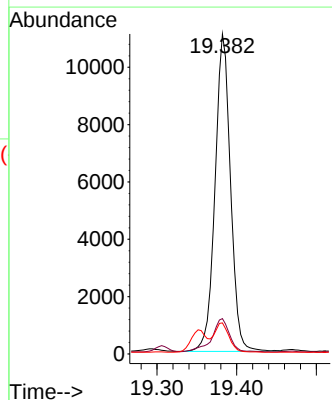
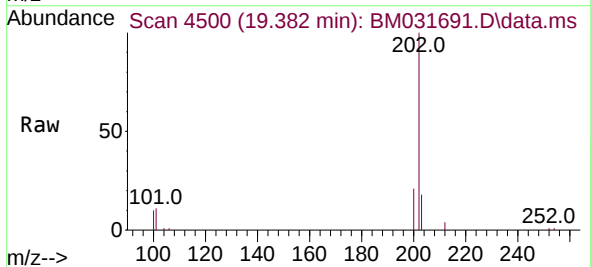
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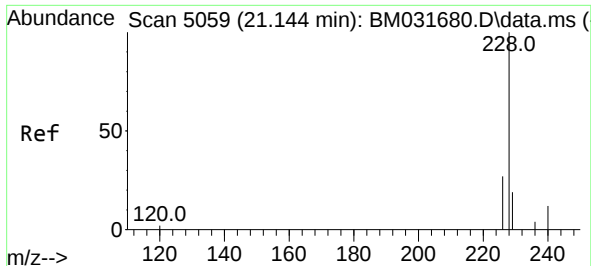
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#20
Pyrene
Concen: 0.828 ng/ul
RT: 19.382 min Scan# 4500
Delta R.T. -0.007 min
Lab File: BM031691.D
Acq: 12 Aug 2021 23:45

Tgt Ion:	202	Resp:	14956
Ion Ratio	Lower	Upper	
202	100		
101	11.1	7.8	11.6
100	9.7	6.6	10.0





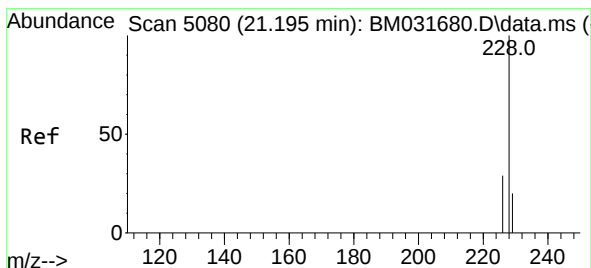
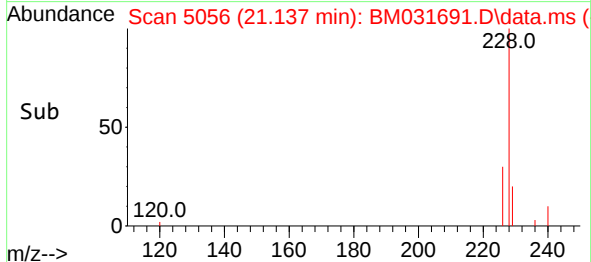
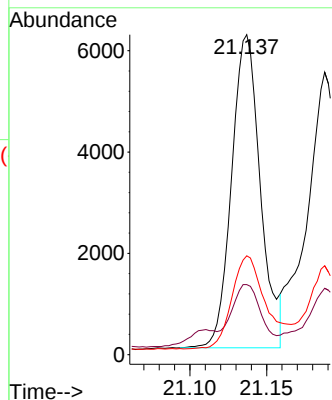
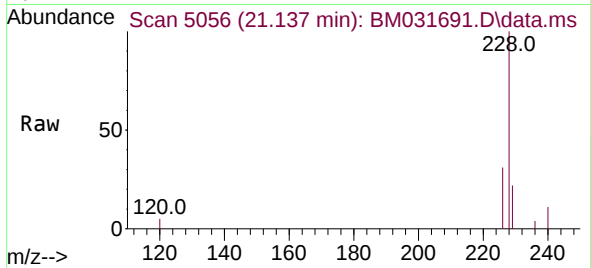
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Benzo(a)anthracene
Concen: 0.479 ng/ul
RT: 21.137 min Scan# 5056
Delta R.T. -0.007 min
Lab File: BM031691.D
Acq: 12 Aug 2021 23:45

Tgt Ion:228	Resp:	8068
Ion Ratio	Lower	Upper
228	100	
229	21.9	15.6 23.4
226	30.9	21.7 32.5

Instrument :
BNA_M
ClientSampled :
C00D9DL

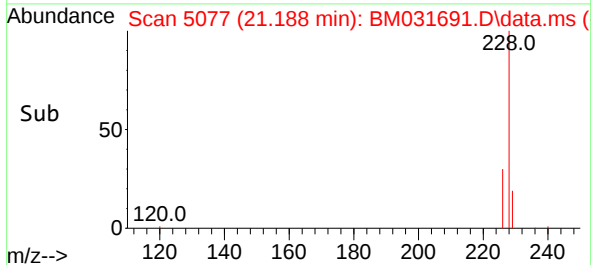
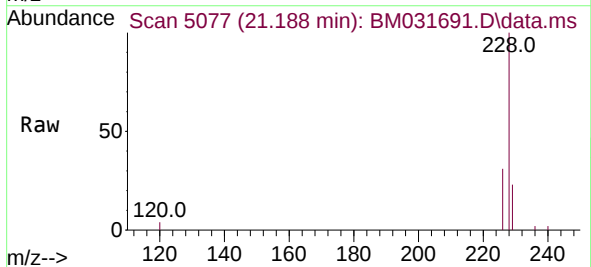
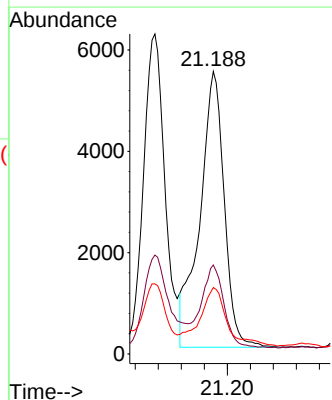
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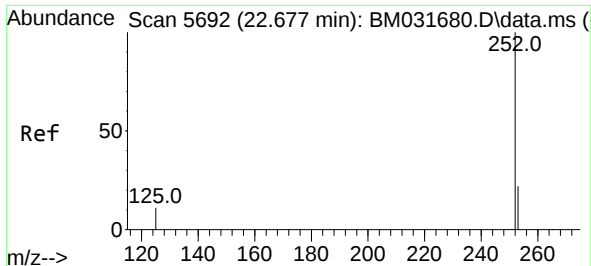
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#22
Chrysene
Concen: 0.461 ng/ul
RT: 21.188 min Scan# 5077
Delta R.T. -0.007 min
Lab File: BM031691.D
Acq: 12 Aug 2021 23:45

Tgt Ion:228	Resp:	8032
Ion Ratio	Lower	Upper
228	100	
226	31.5	24.7 37.1
229	23.5	16.2 24.2





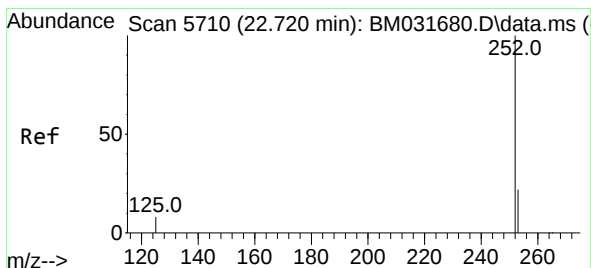
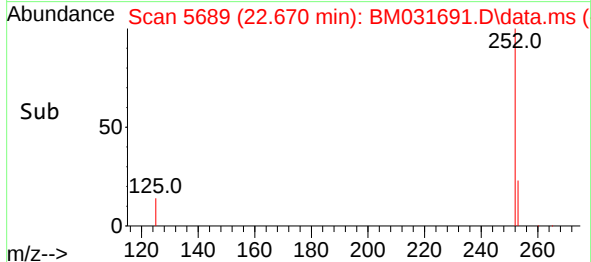
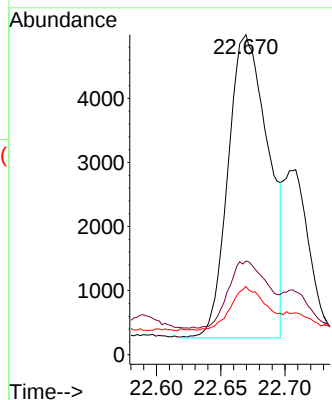
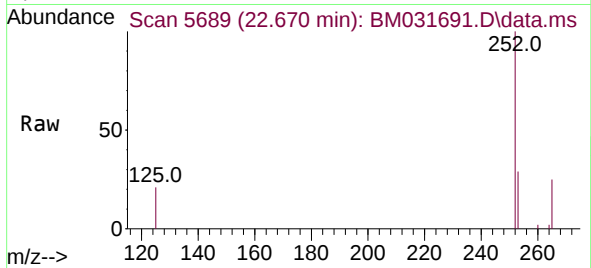
#24
Benzo(b)fluoranthene
Concen: 0.547 ng/ul m
RT: 22.670 min Scan# 5689
Delta R.T. -0.007 min
Lab File: BM031691.D
Acq: 12 Aug 2021 23:45

Tgt Ion	Ratio	Lower	Upper
252	100		
253	29.2	0.0	53.0
125	21.3	0.0	22.8

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C00D9DL

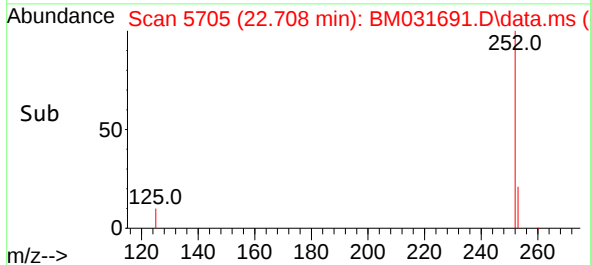
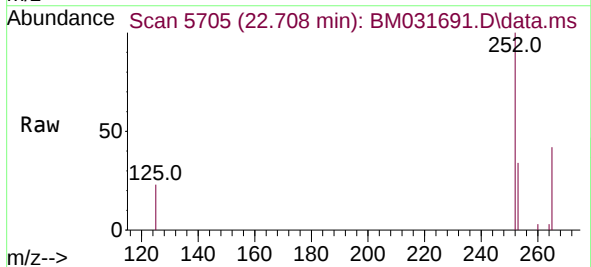
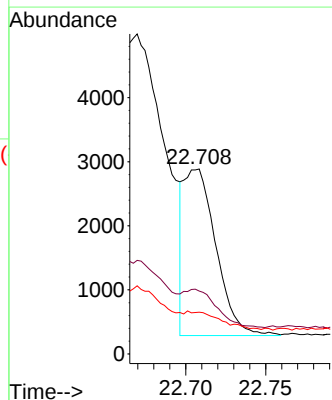
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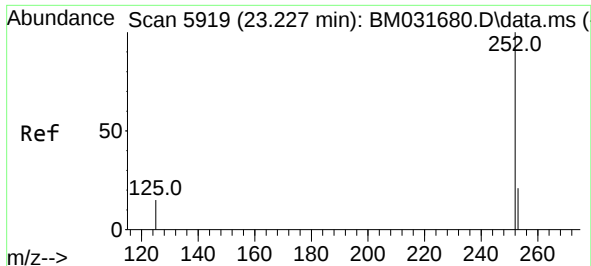
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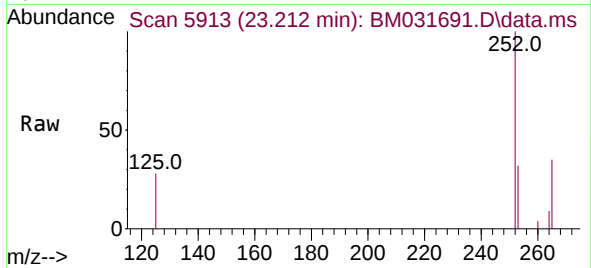
#25
Benzo(k)fluoranthene
Concen: 0.187 ng/ul m
RT: 22.708 min Scan# 5705
Delta R.T. -0.012 min
Lab File: BM031691.D
Acq: 12 Aug 2021 23:45

Tgt Ion	Ratio	Lower	Upper
252	100		
253	34.0	21.3	31.9#
125	22.6	8.8	13.2#

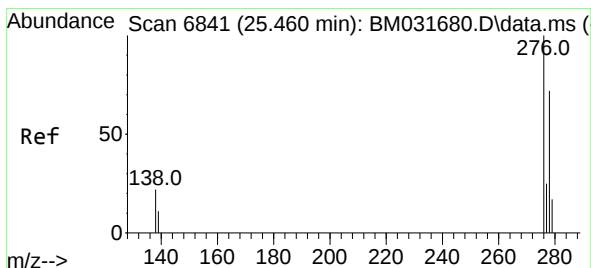
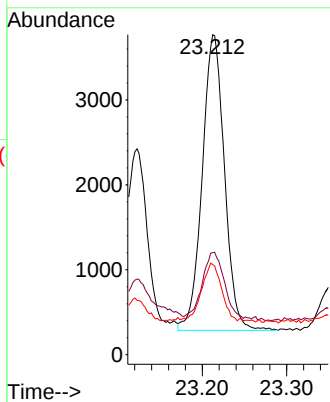
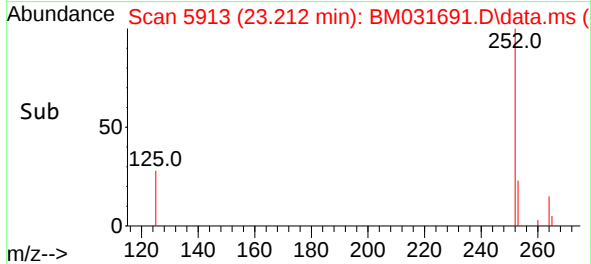




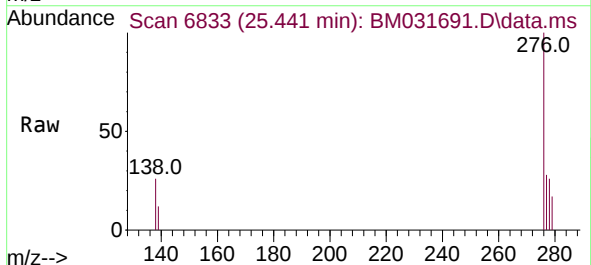
#26
Benzo(a)pyrene
Concen: 0.387 ng/ul
RT: 23.212 min Scan# 5913
Delta R.T. -0.014 min
Lab File: BM031691.D
Acq: 12 Aug 2021 23:45



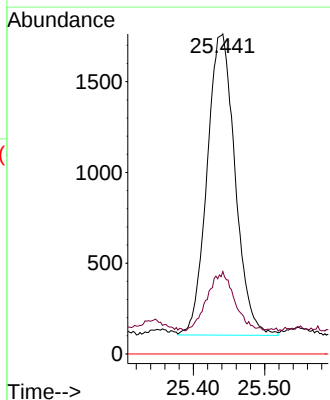
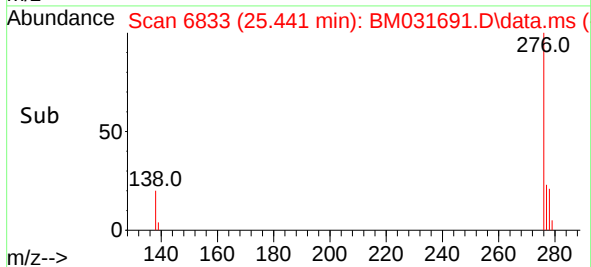
Tgt Ion:252 Resp: 6380
Ion Ratio Lower Upper
252 100
253 31.9 22.4 33.6
125 28.2 13.0 19.4#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.213 ng/ul
RT: 25.441 min Scan# 6833
Delta R.T. -0.019 min
Lab File: BM031691.D
Acq: 12 Aug 2021 23:45



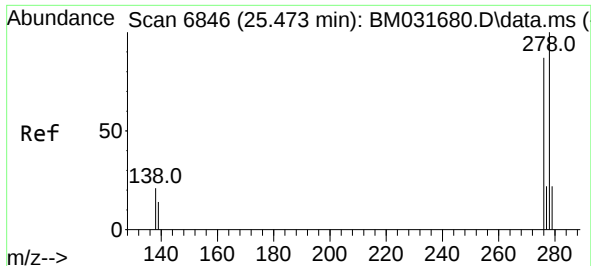
Tgt Ion:276 Resp: 4533
Ion Ratio Lower Upper
276 100
138 19.2 15.8 23.8
227 0.0 0.0 0.0



Instrument :
BNA_M
ClientSampleID :
C00D9DL

Manual Integrations
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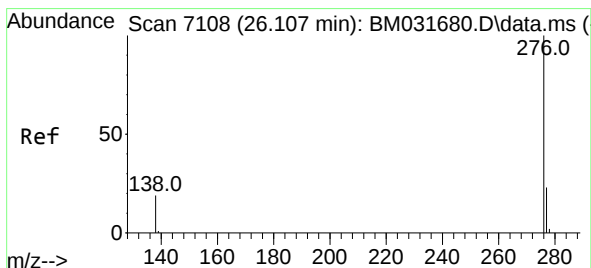
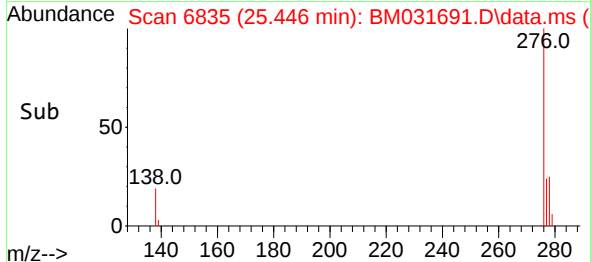
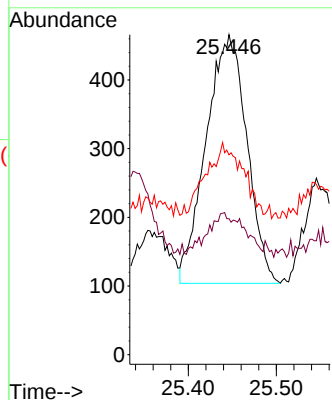
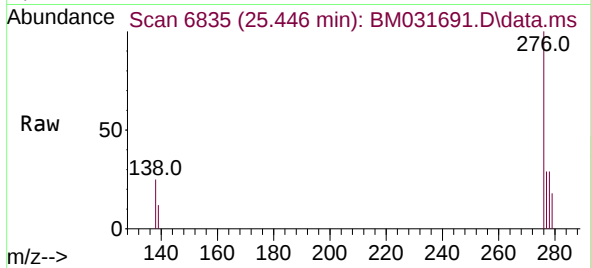
#28
Dibenzo(a,h)anthracene
Concen: 0.068 ng/ul
RT: 25.446 min Scan# 6835
Delta R.T. -0.026 min
Lab File: BM031691.D
Acq: 12 Aug 2021 23:45

Tgt Ion:	278	Resp:	1166
Ion Ratio	Lower	Upper	
278	100		
139	42.5	13.3	19.9#
279	62.4	22.8	34.2#

Instrument :
BNA_M
ClientSampled :
C00D9DL

Manual Integrations
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#29
Benzo(g,h,i)perylene
Concen: 0.042 ng/ul
RT: 26.088 min Scan# 7100
Delta R.T. -0.019 min
Lab File: BM031691.D
Acq: 12 Aug 2021 23:45

Tgt Ion:	276	Resp:	771
Ion Ratio	Lower	Upper	
276	100		
138	46.9	15.4	23.2#
277	48.4	19.9	29.9#

