

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081221\
 Data File : BM031690.D
 Acq On : 12 Aug 2021 23:08
 Operator : CG/JU
 Sample : M3182-21
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C00D9

Manual Integrations
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Quant Time: Aug 13 01:02:59 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	7.573	152	1172	0.400	ng/ul	0.00
4) Naphthalene-d8	10.329	136	4312	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.205	164	2510	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.954	188	4695	0.400	ng/ul #	-0.01
17) Chrysene-d12	21.152	240	4054	0.400	ng/ul #	0.00
23) Perylene-d12	23.309	264	3785	0.400	ng/ul #	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.182	96	3009	2.312	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.926	152	1293	0.178	ng/ul	0.00
18) Fluoranthene-d10	18.989	212	2684	0.198	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.379	128	5998	0.467	ng/ul	99
7) 2-Methylnaphthalene	11.998	142	5482	0.625	ng/ul	99
8) 1-Methylnaphthalene	12.223	142	3169	0.365	ng/ul	99
10) Acenaphthylene	13.923	152	6179	0.578	ng/ul	99
11) Acenaphthene	14.265	153	1001	0.111	ng/ul	95
12) Fluorene	15.259	166	1909	0.184	ng/ul#	92
15) Phenanthrene	16.996	178	38839	2.605	ng/ul	98
16) Anthracene	17.089	178	9752	0.699	ng/ul	100
19) Fluoranthene	19.020	202	91399	5.280	ng/ul	98
20) Pyrene	19.382	202	74123	4.222	ng/ul	96
21) Benzo(a)anthracene	21.137	228	40418	2.469	ng/ul	96
22) Chrysene	21.188	228	40983	2.420	ng/ul	97
24) Benzo(b)fluoranthene	22.670	252	52902m	3.102	ng/ul	
25) Benzo(k)fluoranthene	22.706	252	16420m	0.932	ng/ul	
26) Benzo(a)pyrene	23.212	252	31236	2.091	ng/ul	94
27) Indeno(1,2,3-cd)pyrene	25.436	276	21839	1.131	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.444	278	5808	0.373	ng/ul#	83
29) Benzo(g,h,i)perylene	26.088	276	3723	0.226	ng/ul#	83

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

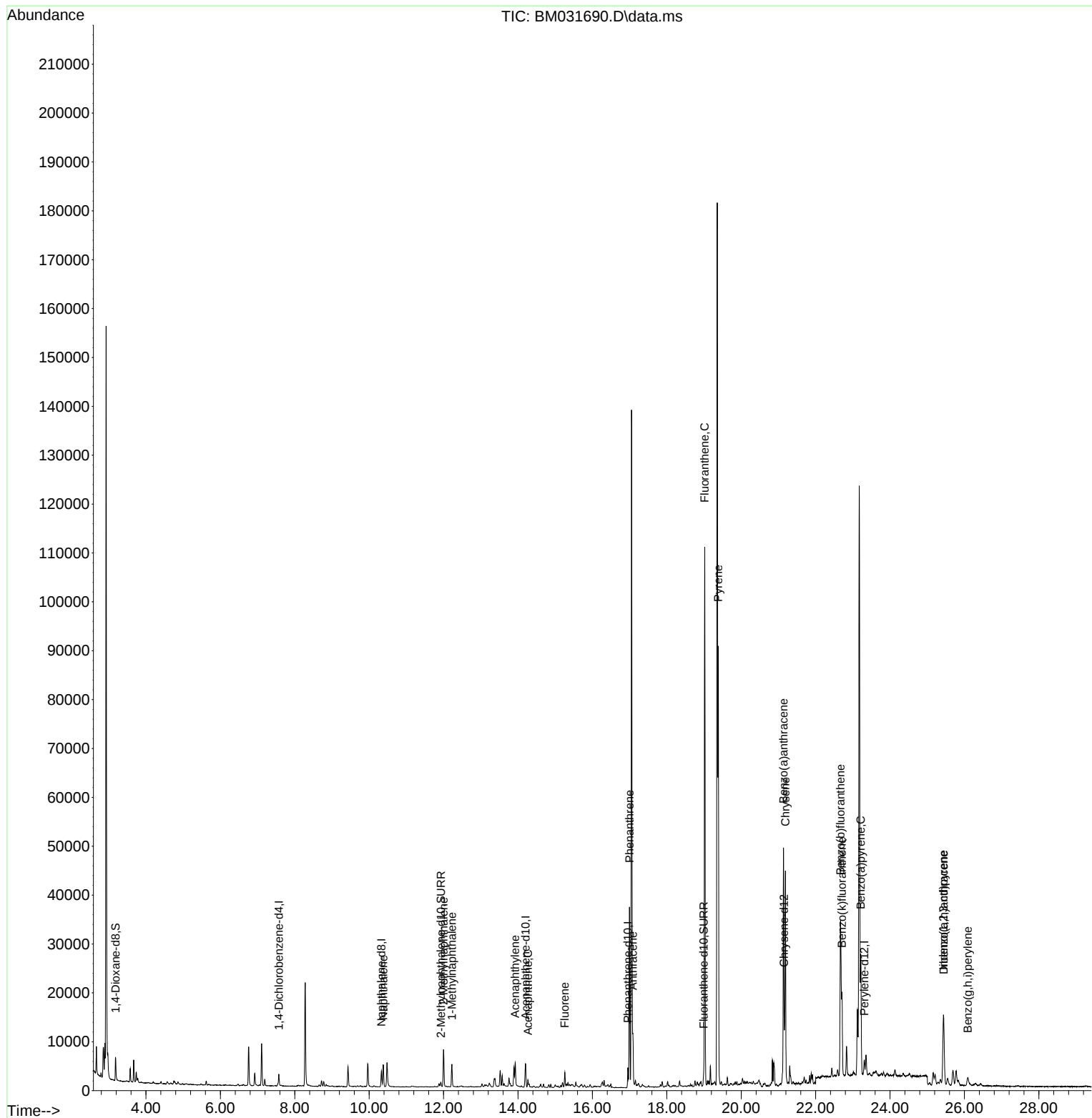
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Data File : BM031690.D
Acq On : 12 Aug 2021 23:08
Operator : CG/JU
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Misc :
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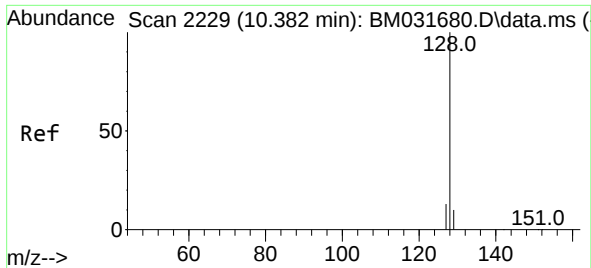
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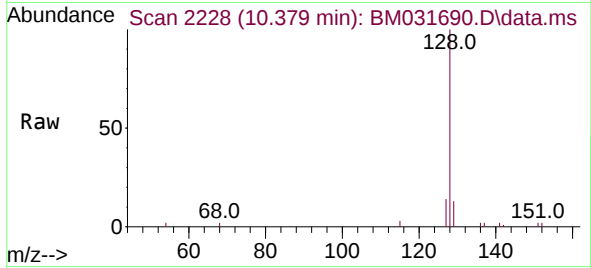
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Quant Time: Aug 13 01:02:59 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 12 17:28:09 2021
Response via : Initial Calibration

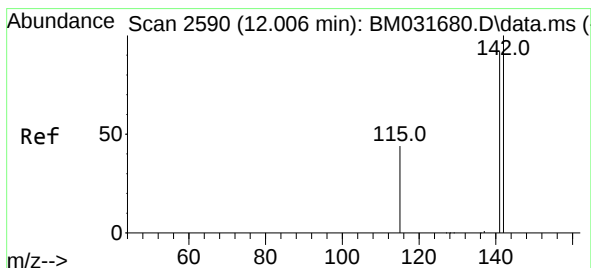
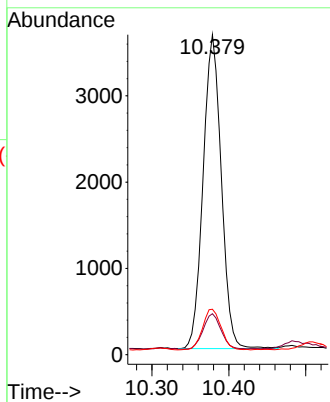
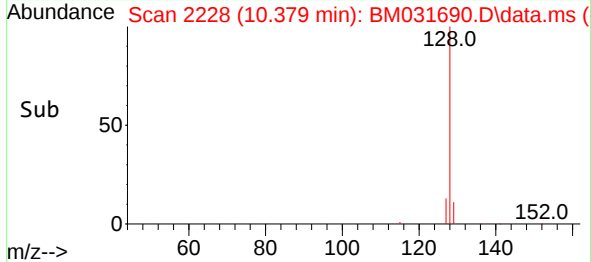




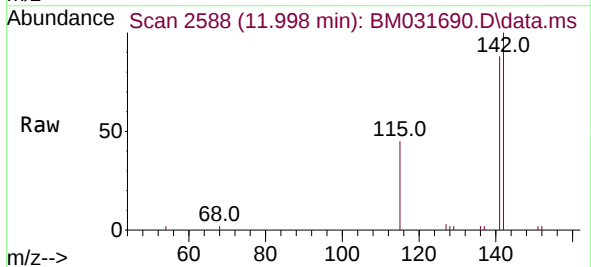
#5
Naphthalene
Concen: 0.467 ng/ul
RT: 10.379 min Scan# 2228
Delta R.T. -0.003 min
Lab File: BM031690.D
Acq: 12 Aug 2021 23:08



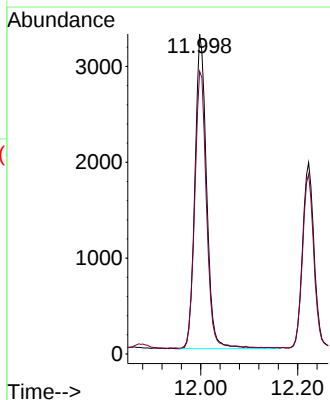
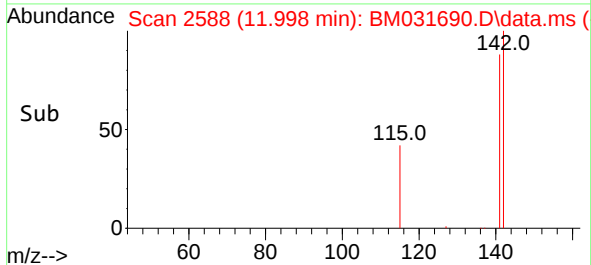
Tgt Ion:128 Resp: 5998
Ion Ratio Lower Upper
128 100
129 12.8 10.0 15.0
127 14.2 11.6 17.4



#7
2-Methylnaphthalene
Concen: 0.625 ng/ul
RT: 11.998 min Scan# 2588
Delta R.T. -0.008 min
Lab File: BM031690.D
Acq: 12 Aug 2021 23:08



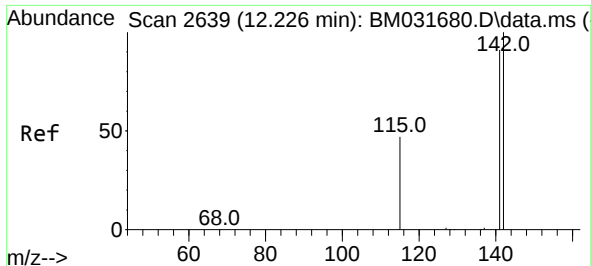
Tgt Ion:142 Resp: 5482
Ion Ratio Lower Upper
142 100
141 88.5 71.4 107.0



Instrument :
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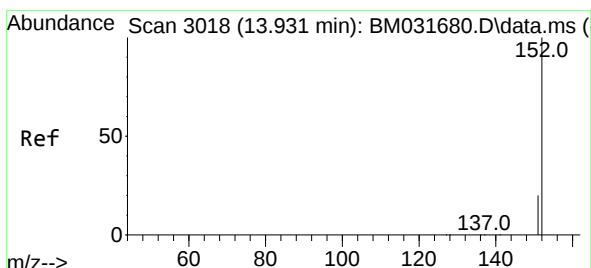
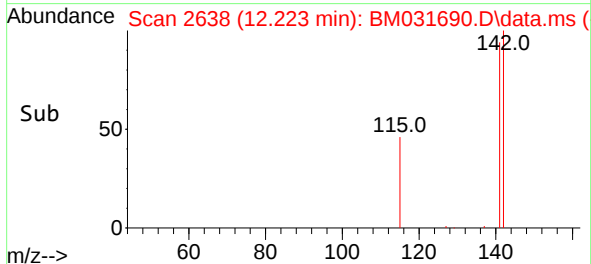
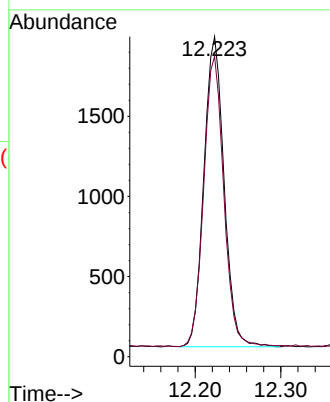
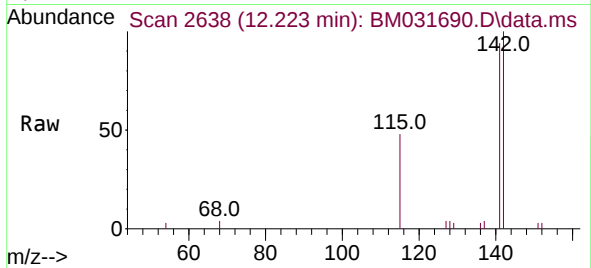
#8
1-Methylnaphthalene
Concen: 0.365 ng/ul
RT: 12.223 min Scan# 2638
Delta R.T. -0.003 min
Lab File: BM031690.D
Acq: 12 Aug 2021 23:08

Tgt Ion:142 Resp: 3169
Ion Ratio Lower Upper
142 100
141 93.3 74.1 111.1

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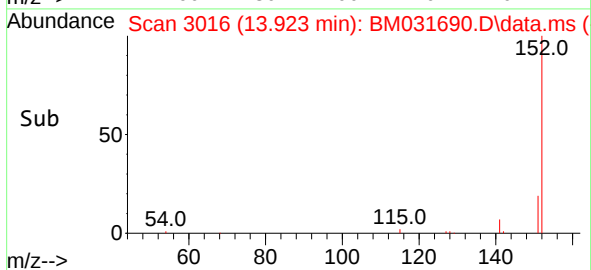
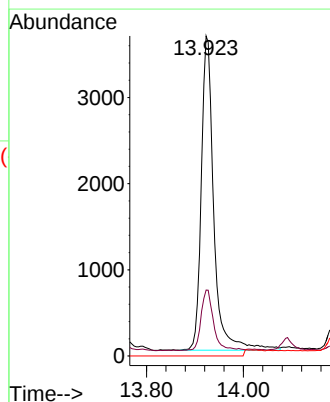
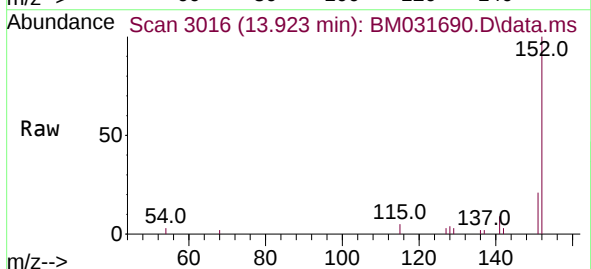
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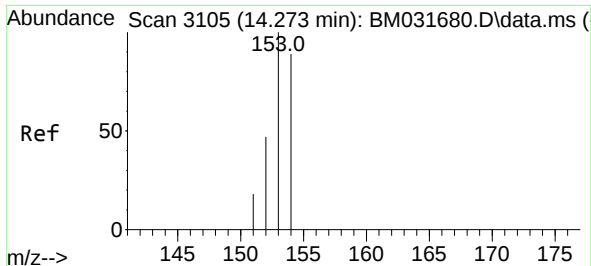
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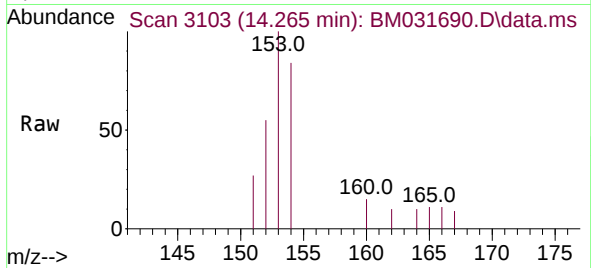
#10
Acenaphthylene
Concen: 0.578 ng/ul
RT: 13.923 min Scan# 3016
Delta R.T. -0.008 min
Lab File: BM031690.D
Acq: 12 Aug 2021 23:08

Tgt Ion:152 Resp: 6179
Ion Ratio Lower Upper
152 100
151 20.6 16.9 25.3
153 0.0 0.0 0.0

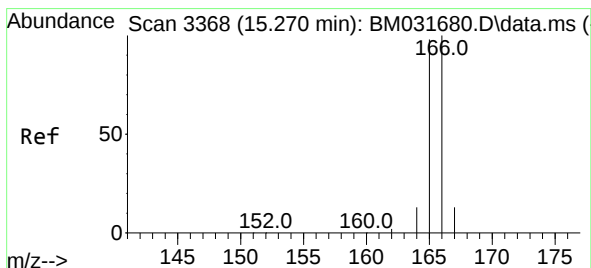
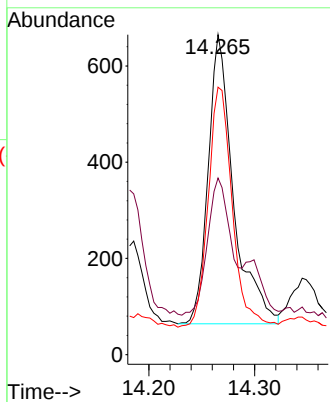
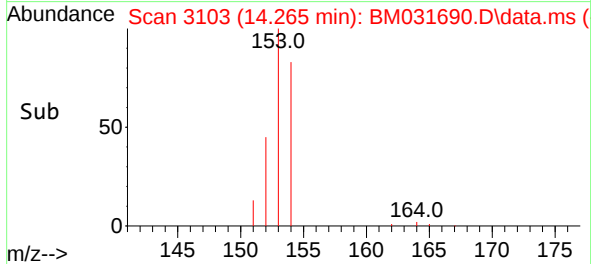




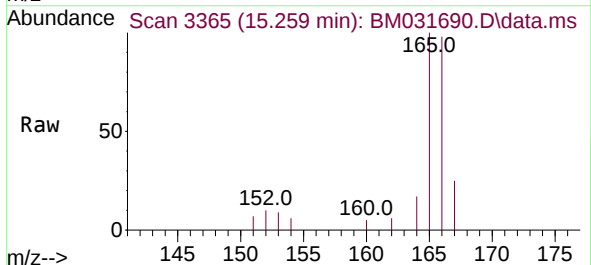
#11
Acenaphthene
Concen: 0.111 ng/ul
RT: 14.265 min Scan# 3103
Delta R.T. -0.007 min
Lab File: BM031690.D
Acq: 12 Aug 2021 23:08



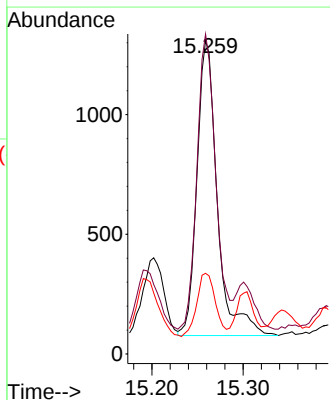
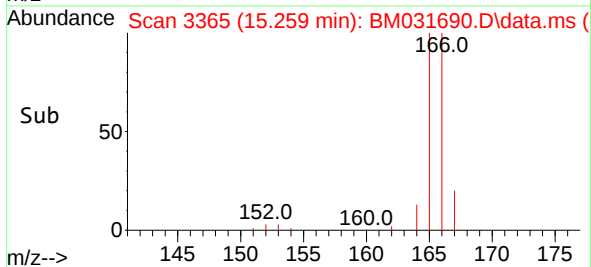
Tgt Ion:153 Resp: 1001
Ion Ratio Lower Upper
153 100
152 55.2 40.7 61.1
154 83.6 70.2 105.2



#12
Fluorene
Concen: 0.184 ng/ul
RT: 15.259 min Scan# 3365
Delta R.T. -0.011 min
Lab File: BM031690.D
Acq: 12 Aug 2021 23:08



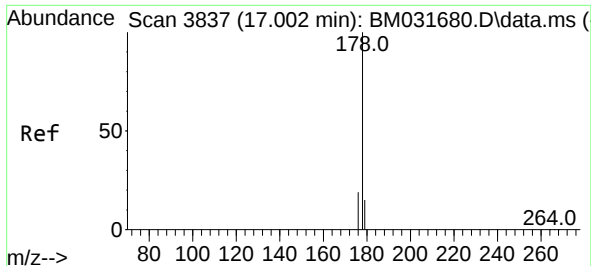
Tgt Ion:166 Resp: 1909
Ion Ratio Lower Upper
166 100
165 102.2 78.0 117.0
167 25.8 12.0 18.0#



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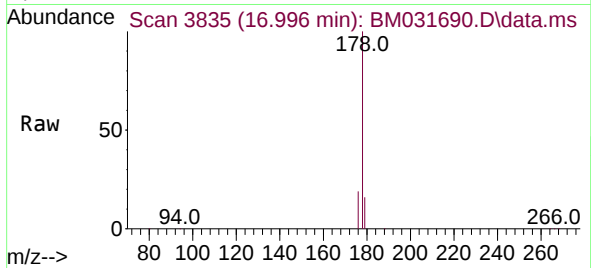
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#15
Phenanthrene
Concen: 2.605 ng/u1
RT: 16.996 min Scan# 3835
Delta R.T. -0.007 min
Lab File: BM031690.D
Acq: 12 Aug 2021 23:08

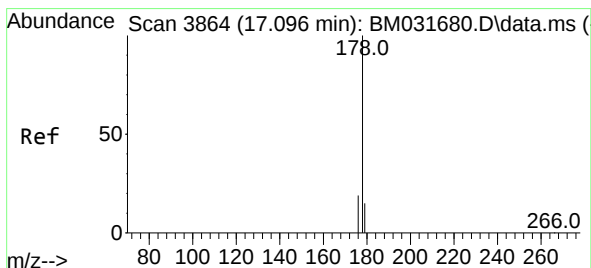
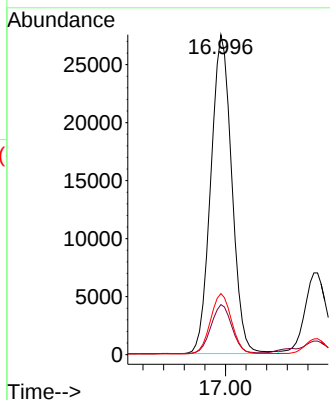
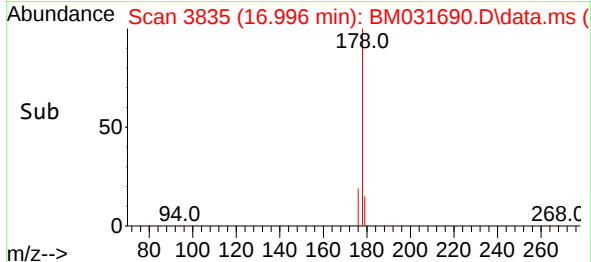
Instrument :
BNA_M
ClientSampled :
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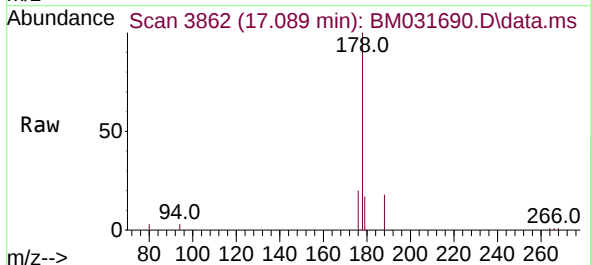
Tgt Ion:178 Resp: 38839
Ion Ratio Lower Upper
178 100
179 15.6 13.3 19.9
176 19.1 16.2 24.4

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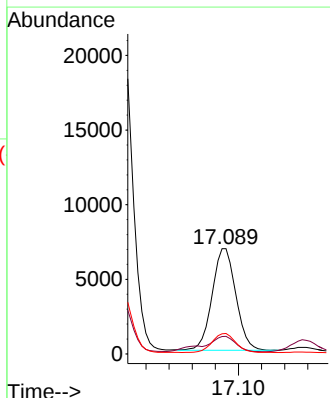
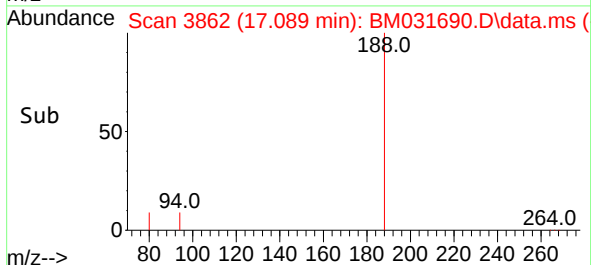
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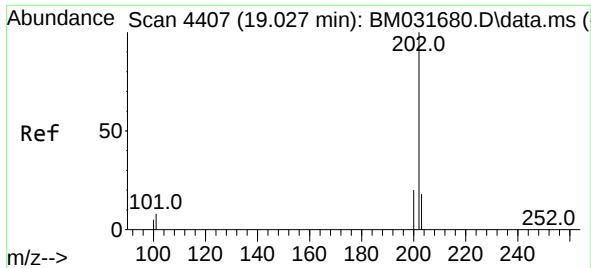


#16
Anthracene
Concen: 0.699 ng/u1
RT: 17.089 min Scan# 3862
Delta R.T. -0.007 min
Lab File: BM031690.D
Acq: 12 Aug 2021 23:08

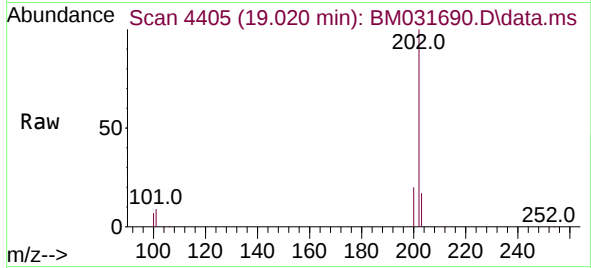


Tgt Ion:178 Resp: 9752
Ion Ratio Lower Upper
178 100
179 16.7 13.0 19.6
176 19.5 15.6 23.4

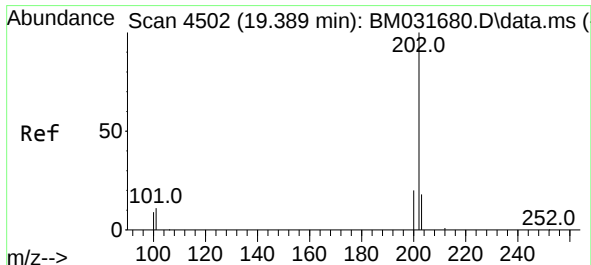
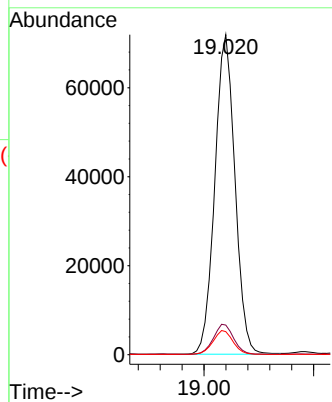
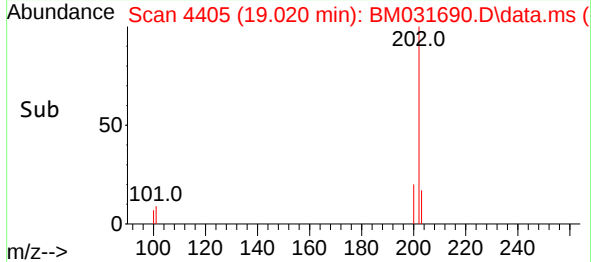




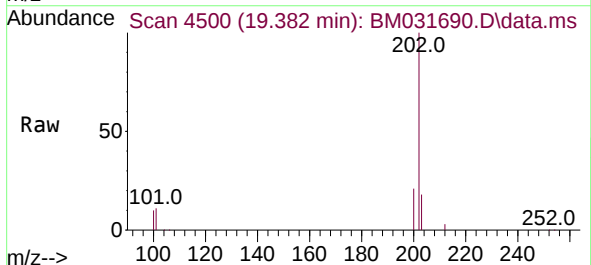
#19
Fluoranthene
Concen: 5.280 ng/ul
RT: 19.020 min Scan# 4405
Delta R.T. -0.007 min
Lab File: BM031690.D
Acq: 12 Aug 2021 23:08



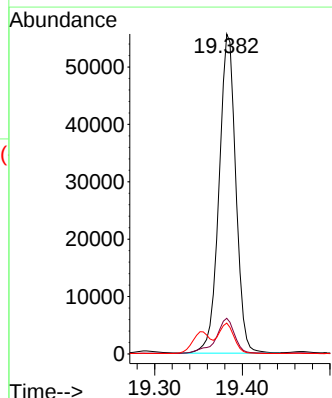
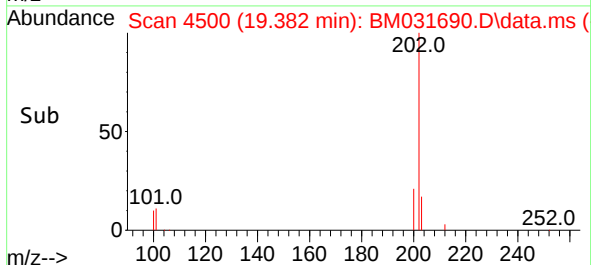
Tgt Ion:202 Resp: 91399
Ion Ratio Lower Upper
202 100
101 9.3 6.6 10.0
100 7.2 5.4 8.0



#20
Pyrene
Concen: 4.222 ng/ul
RT: 19.382 min Scan# 4500
Delta R.T. -0.007 min
Lab File: BM031690.D
Acq: 12 Aug 2021 23:08



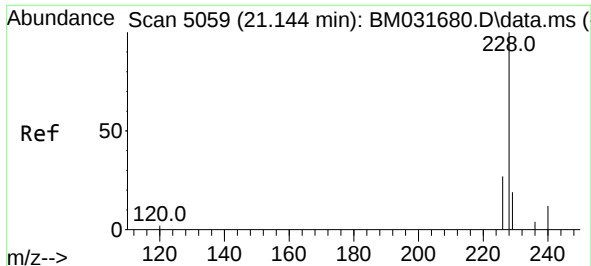
Tgt Ion:202 Resp: 74123
Ion Ratio Lower Upper
202 100
101 11.1 7.8 11.6
100 9.7 6.6 10.0



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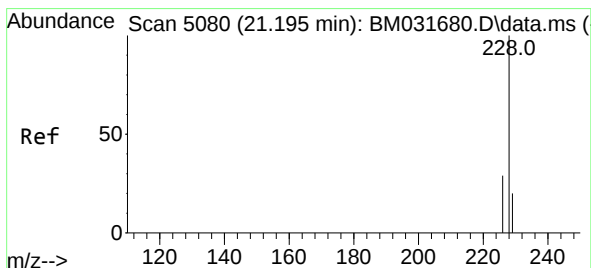
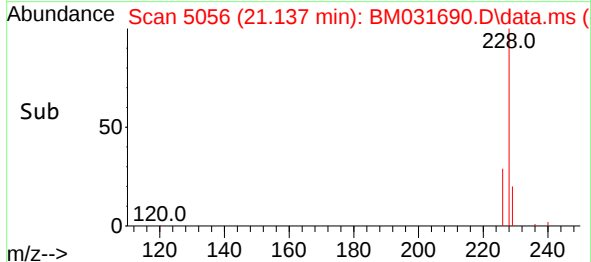
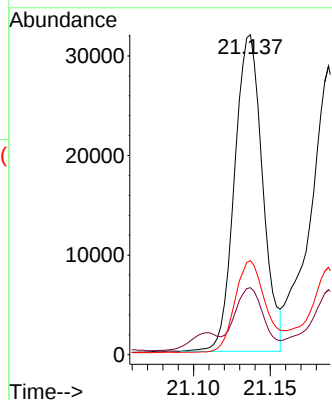
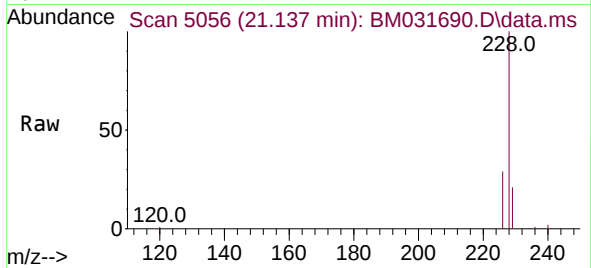
#21
Benzo(a)anthracene
Concen: 2.469 ng/ul
RT: 21.137 min Scan# 5056
Delta R.T. -0.007 min
Lab File: BM031690.D
Acq: 12 Aug 2021 23:08

Tgt Ion:228 Resp: 40418
Ion Ratio Lower Upper
228 100
229 20.9 15.6 23.4
226 29.4 21.7 32.5

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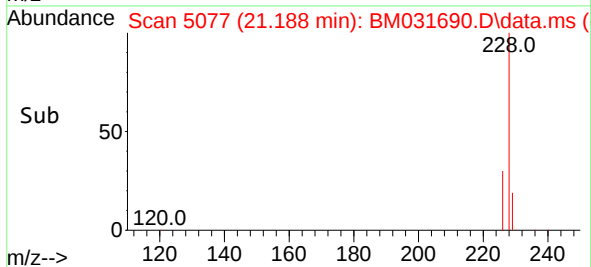
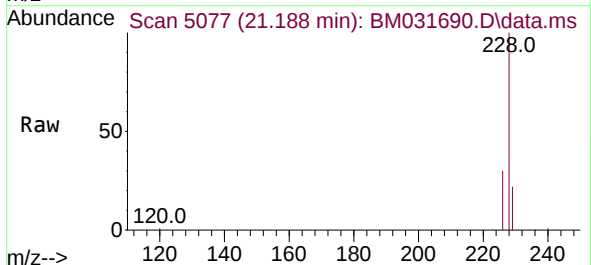
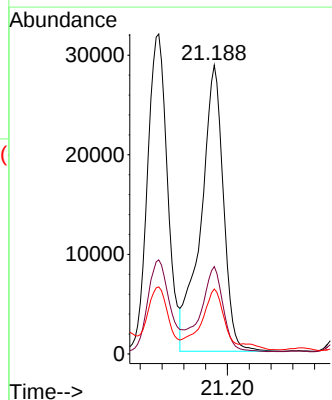
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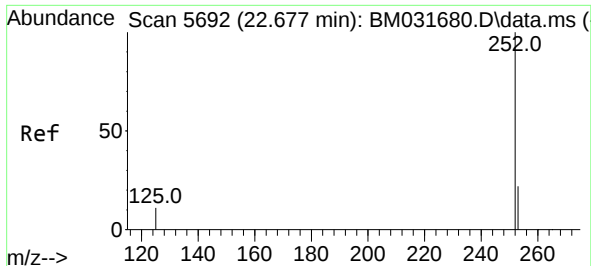
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#22
Chrysene
Concen: 2.420 ng/ul
RT: 21.188 min Scan# 5077
Delta R.T. -0.007 min
Lab File: BM031690.D
Acq: 12 Aug 2021 23:08

Tgt Ion:228 Resp: 40983
Ion Ratio Lower Upper
228 100
226 30.2 24.7 37.1
229 22.5 16.2 24.2





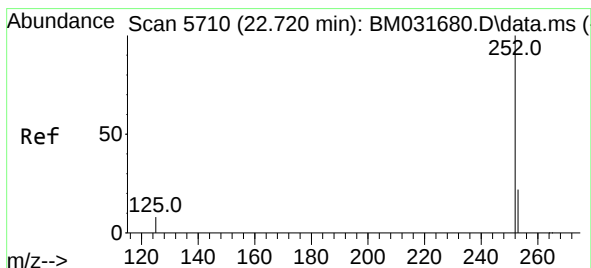
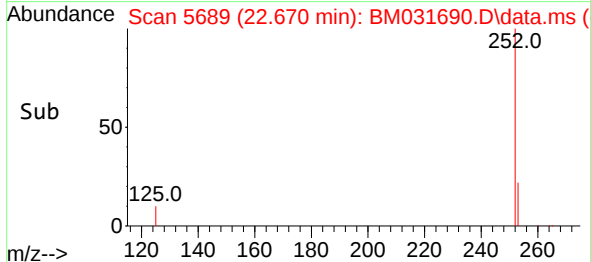
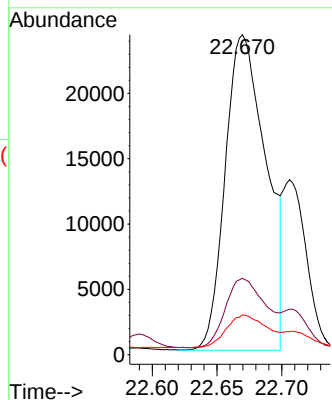
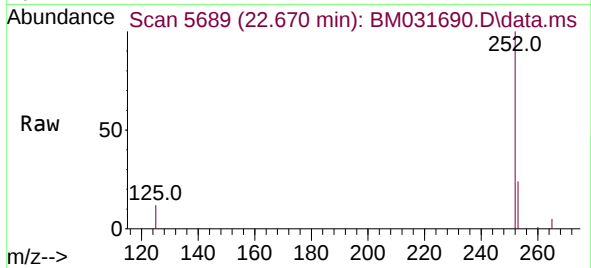
#24
Benzo(b)fluoranthene
Concen: 3.102 ng/ul m
RT: 22.670 min Scan# 5689
Delta R.T. -0.007 min
Lab File: BM031690.D
Acq: 12 Aug 2021 23:08

Tgt Ion:252 Resp: 52902
Ion Ratio Lower Upper
252 100
253 23.9 0.0 53.0
125 12.5 0.0 22.8

Instrument :
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ClientSampled :
C00D9

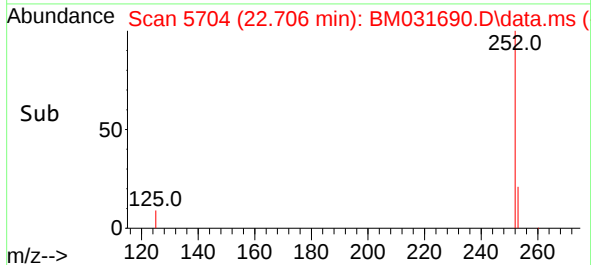
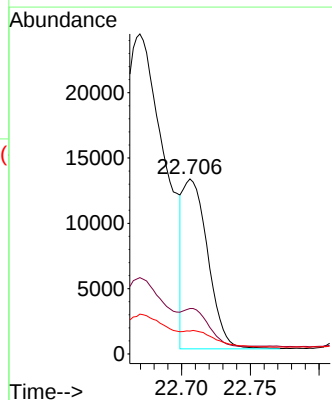
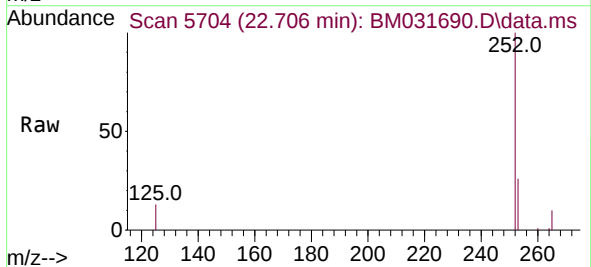
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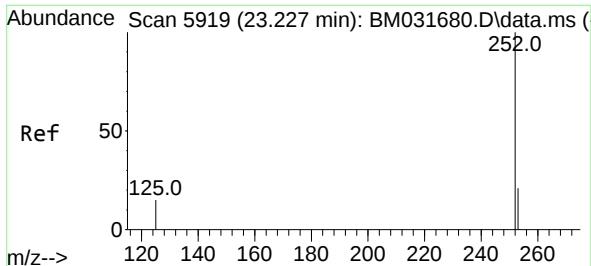
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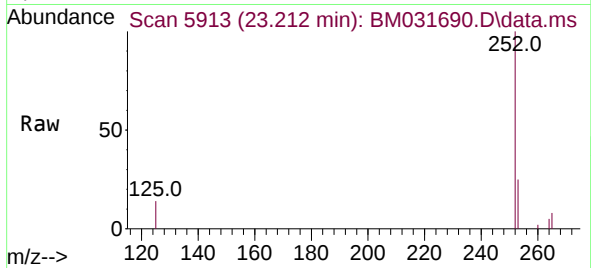
#25
Benzo(k)fluoranthene
Concen: 0.932 ng/ul m
RT: 22.706 min Scan# 5704
Delta R.T. -0.014 min
Lab File: BM031690.D
Acq: 12 Aug 2021 23:08

Tgt Ion:252 Resp: 16420
Ion Ratio Lower Upper
252 100
253 26.0 21.3 31.9
125 13.1 8.8 13.2

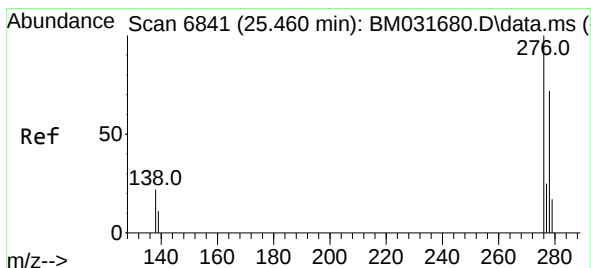
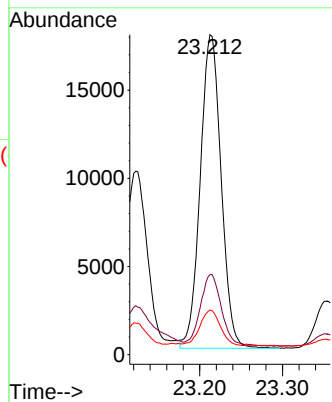
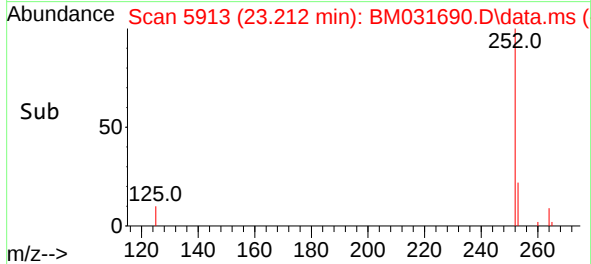




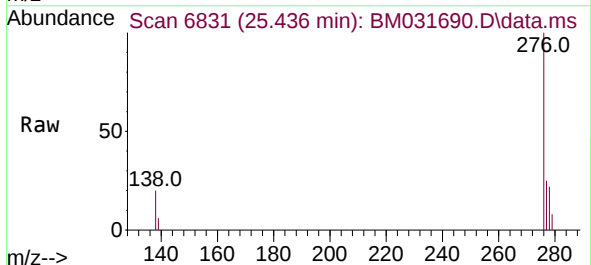
#26
Benzo(a)pyrene
Concen: 2.091 ng/ul
RT: 23.212 min Scan# 5913
Delta R.T. -0.014 min
Lab File: BM031690.D
Acq: 12 Aug 2021 23:08



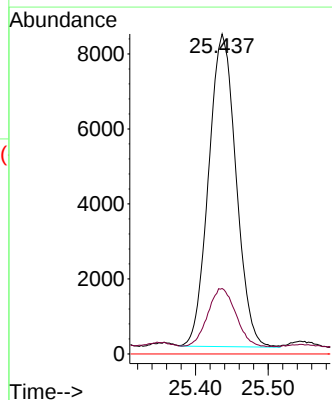
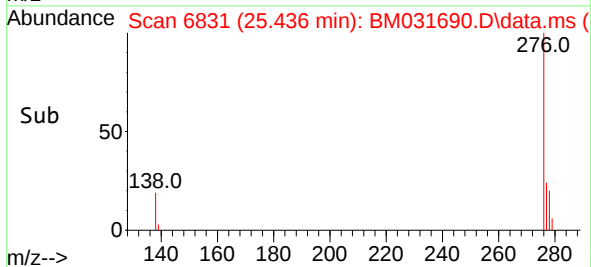
Tgt Ion:252 Resp: 31236
Ion Ratio Lower Upper
252 100
253 25.0 22.4 33.6
125 13.9 13.0 19.4



#27
Indeno(1,2,3-cd)pyrene
Concen: 1.131 ng/ul
RT: 25.436 min Scan# 6831
Delta R.T. -0.024 min
Lab File: BM031690.D
Acq: 12 Aug 2021 23:08



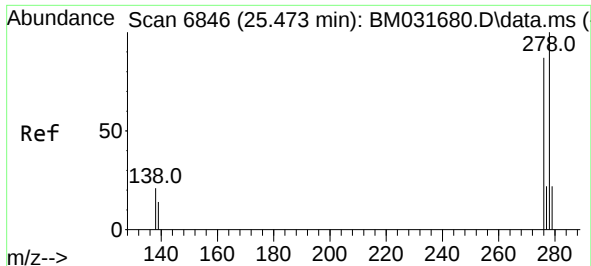
Tgt Ion:276 Resp: 21839
Ion Ratio Lower Upper
276 100
138 19.1 15.8 23.8
227 0.0 0.0 0.0



Instrument :
BNA_M
ClientSampled :
C00D9

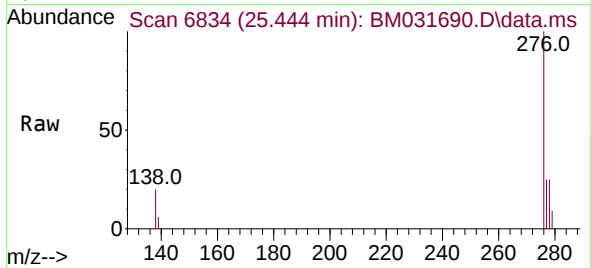
Manual Integrations
APPROVED

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8/13/2021 5:14:44 PM



#28
Dibenzo(a,h)anthracene
Concen: 0.373 ng/ul
RT: 25.444 min Scan# 6834
Delta R.T. -0.029 min
Lab File: BM031690.D
Acq: 12 Aug 2021 23:08

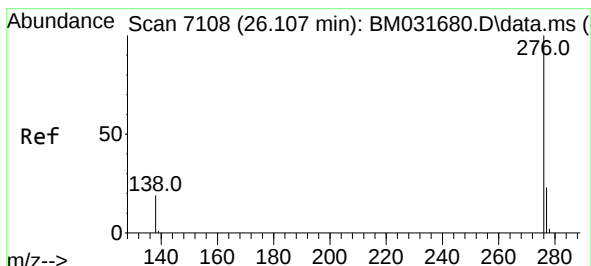
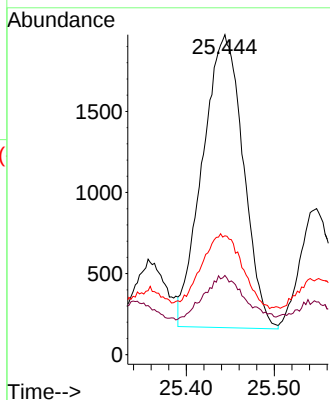
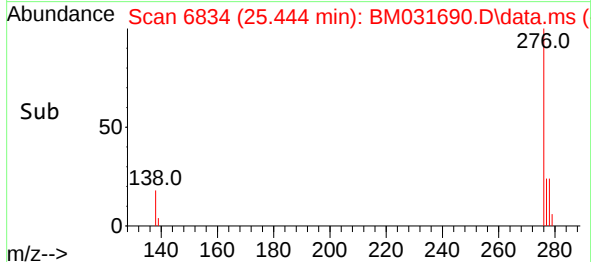
Instrument :
BNA_M
ClientSampled :
C00D9



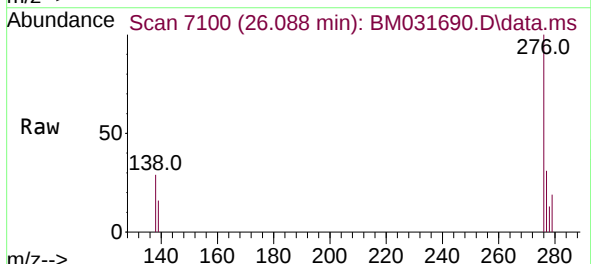
Tgt Ion:278 Resp: 5808
Ion Ratio Lower Upper
278 100
139 24.7 13.3 19.9#
279 37.2 22.8 34.2#

Manual Integrations
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8/13/2021 5:14:44 PM



#29
Benzo(g,h,i)perylene
Concen: 0.226 ng/ul
RT: 26.088 min Scan# 7100
Delta R.T. -0.019 min
Lab File: BM031690.D
Acq: 12 Aug 2021 23:08



Tgt Ion:276 Resp: 3723
Ion Ratio Lower Upper
276 100
138 29.2 15.4 23.2#
277 31.3 19.9 29.9#

