

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081221\
 Data File : BM031693.D
 Acq On : 13 Aug 2021 00:59
 Operator : CG/JU
 Sample : M3182-12DL 5X
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C00D0DL

Manual Integrations
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Quant Time: Aug 13 01:56:35 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 : Fri Aug 13 01:03:37 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.570	152	897	0.400	ng/ul	0.00
4) Naphthalene-d8	10.334	136	3142	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.205	164	1764	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.954	188	4124	0.400	ng/ul #	0.00
17) Chrysene-d12	21.154	240	3763	0.400	ng/ul #	0.00
23) Perylene-d12	23.309	264	3805	0.400	ng/ul #	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.186	96	810	0.813	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.926	152	307	0.058	ng/ul	0.00
18) Fluoranthene-d10	18.990	212	600	0.048	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.379	128	3632	0.388	ng/ul	98
7) 2-Methylnaphthalene	12.002	142	2292	0.358	ng/ul	98
8) 1-Methylnaphthalene	12.223	142	1058	0.167	ng/ul	97
10) Acenaphthylene	13.923	152	1013	0.135	ng/ul#	87
11) Acenaphthene	14.265	153	213	0.034	ng/ul#	89
12) Fluorene	15.259	166	430	0.059	ng/ul#	86
15) Phenanthrene	16.996	178	10700	0.817	ng/ul	98
16) Anthracene	17.086	178	1646	0.134	ng/ul#	91
19) Fluoranthene	19.020	202	12966	0.807	ng/ul	96
20) Pyrene	19.382	202	10273	0.630	ng/ul#	95
21) Benzo(a)anthracene	21.137	228	5014	0.330	ng/ul	92
22) Chrysene	21.188	228	5555m	0.353	ng/ul	
24) Benzo(b)fluoranthene	22.667	252	5798m	0.338	ng/ul	
25) Benzo(k)fluoranthene	22.706	252	2176m	0.123	ng/ul	
26) Benzo(a)pyrene	23.212	252	3706	0.247	ng/ul#	67
27) Indeno(1,2,3-cd)pyrene	25.439	276	2579	0.133	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.439	278	701	0.045	ng/ul#	1
29) Benzo(g,h,i)perylene	26.096	276	563	0.034	ng/ul#	37

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

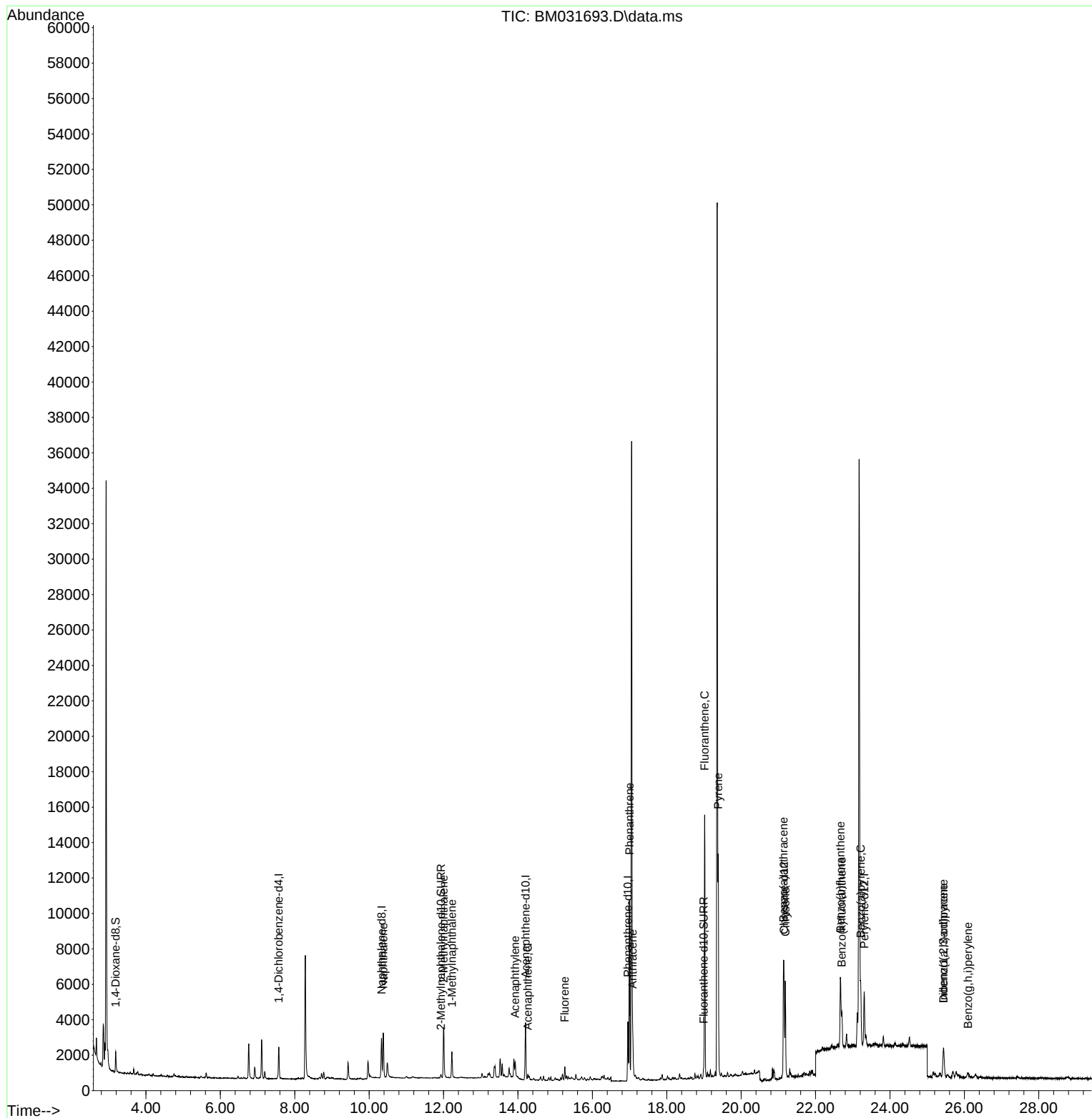
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Data File : BM031693.D
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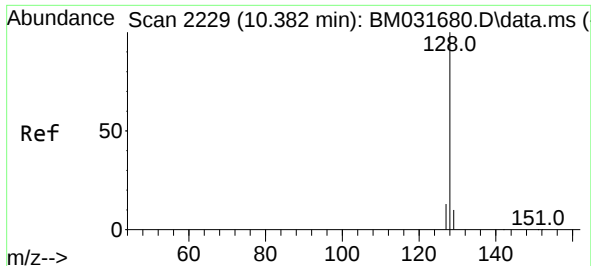
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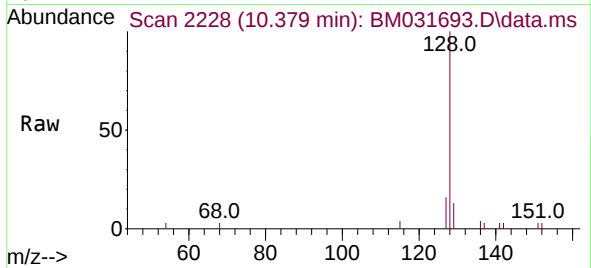
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Quant Time: Aug 13 01:56:35 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 13 01:03:37 2021
Response via : Initial Calibration

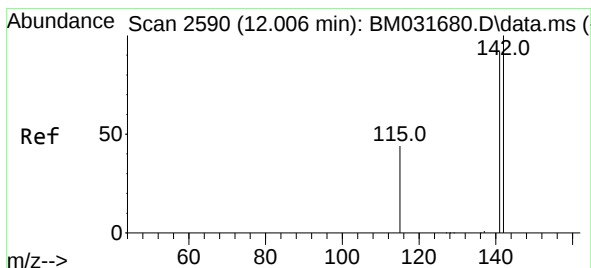
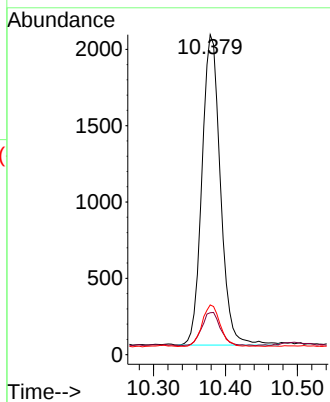
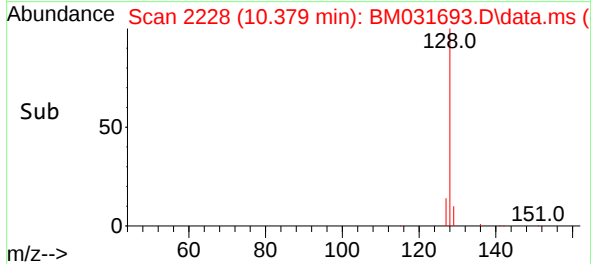




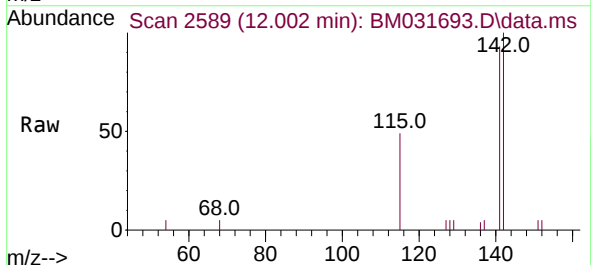
#5
Naphthalene
Concen: 0.388 ng/ul
RT: 10.379 min Scan# 2228
Delta R.T. -0.003 min
Lab File: BM031693.D
Acq: 13 Aug 2021 00:59



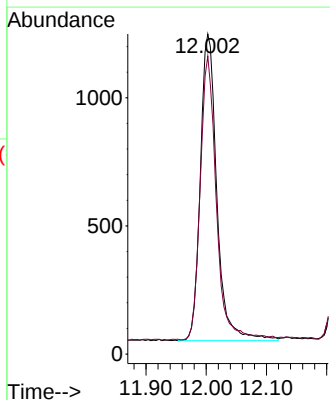
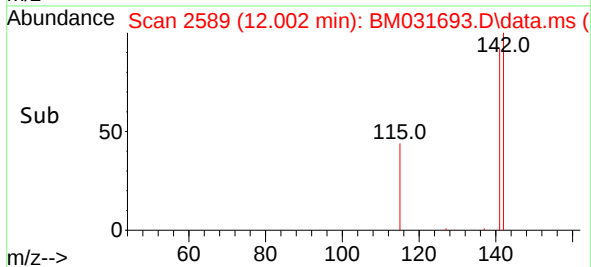
Tgt Ion:128 Resp: 3632
Ion Ratio Lower Upper
128 100
129 13.1 10.0 15.0
127 15.6 11.6 17.4



#7
2-Methylnaphthalene
Concen: 0.358 ng/ul
RT: 12.002 min Scan# 2589
Delta R.T. -0.003 min
Lab File: BM031693.D
Acq: 13 Aug 2021 00:59



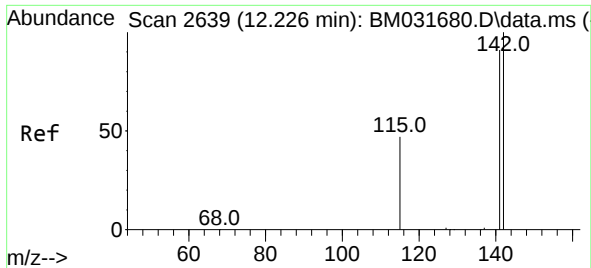
Tgt Ion:142 Resp: 2292
Ion Ratio Lower Upper
142 100
141 91.4 71.4 107.0



Instrument :
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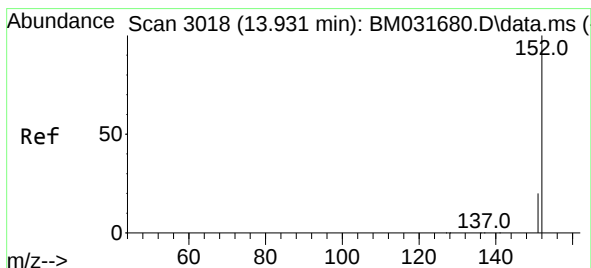
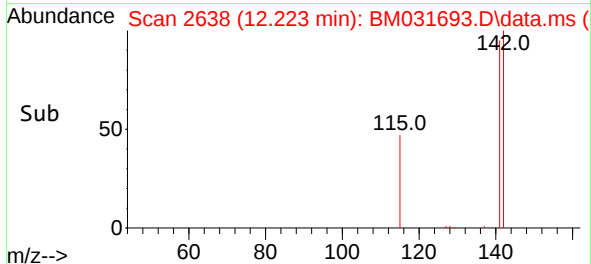
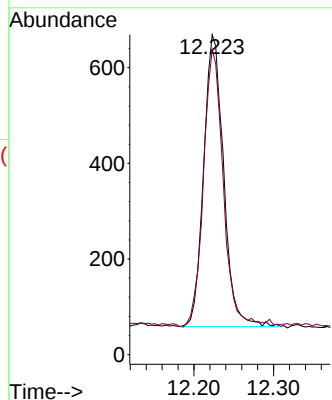
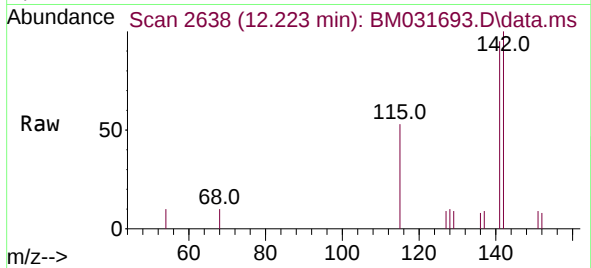
#8
1-Methylnaphthalene
Concen: 0.167 ng/ul
RT: 12.223 min Scan# 2638
Delta R.T. -0.003 min
Lab File: BM031693.D
Acq: 13 Aug 2021 00:59

Tgt Ion:142 Resp: 1058
Ion Ratio Lower Upper
142 100
141 95.7 74.1 111.1

Instrument :
BNA_M
ClientSampleId :
C00D0DL

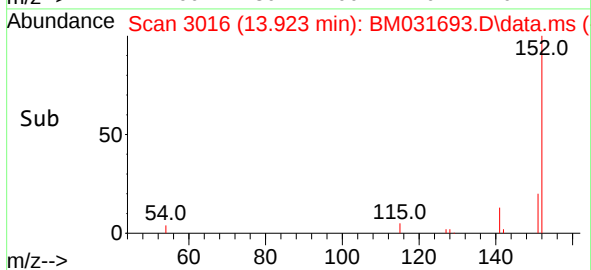
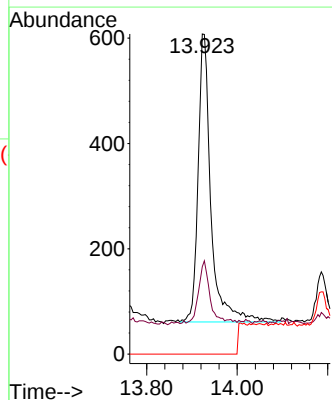
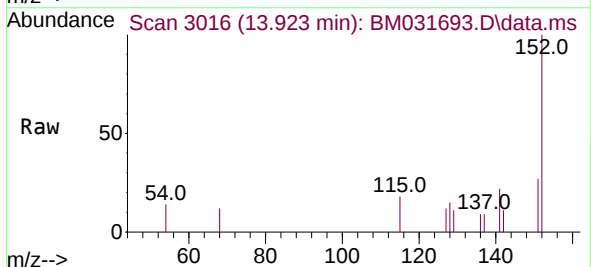
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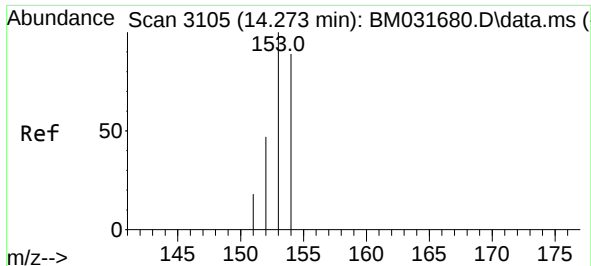
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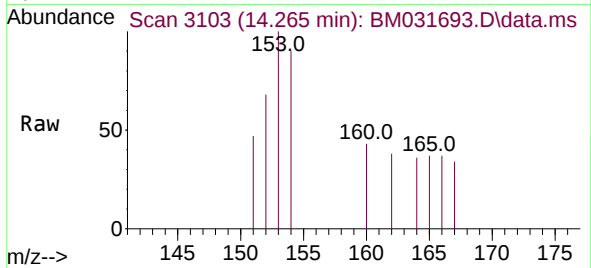
#10
Acenaphthylene
Concen: 0.135 ng/ul
RT: 13.923 min Scan# 3016
Delta R.T. -0.008 min
Lab File: BM031693.D
Acq: 13 Aug 2021 00:59

Tgt Ion:152 Resp: 1013
Ion Ratio Lower Upper
152 100
151 27.3 16.9 25.3#
153 0.0 0.0 0.0

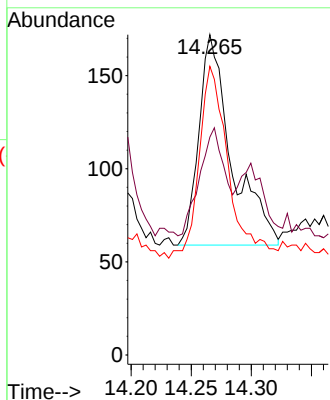
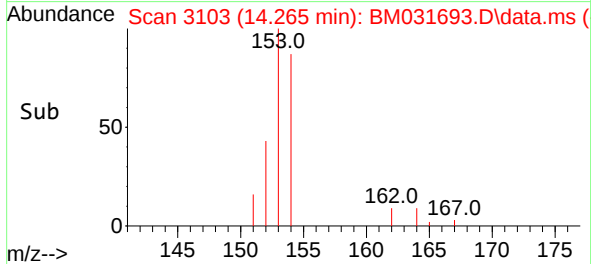




#11
Acenaphthene
Concen: 0.034 ng/ul
RT: 14.265 min Scan# 3103
Delta R.T. -0.007 min
Lab File: BM031693.D
Acq: 13 Aug 2021 00:59



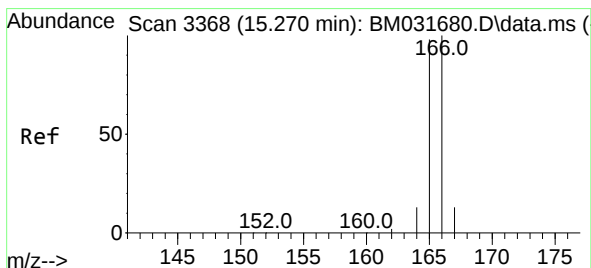
Tgt Ion:153 Resp: 213
Ion Ratio Lower Upper
153 100
152 68.0 40.7 61.1#
154 90.1 70.2 105.2



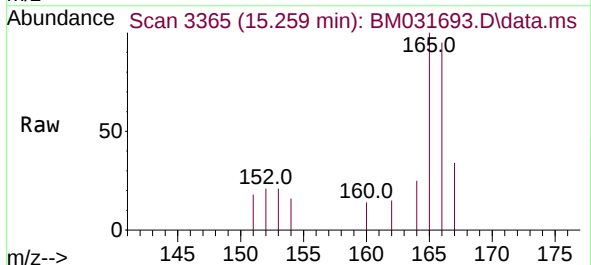
Instrument :
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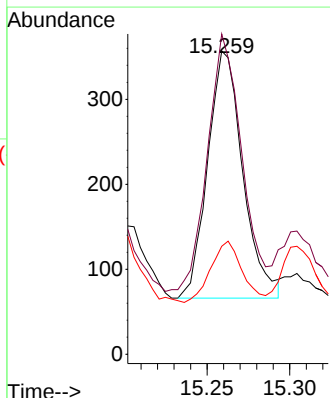
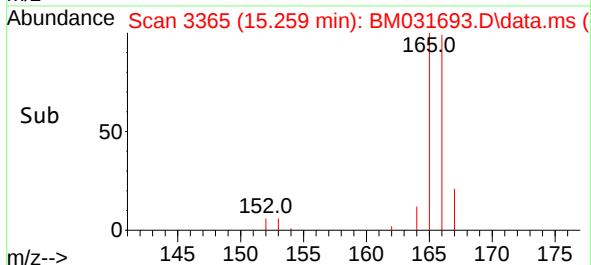
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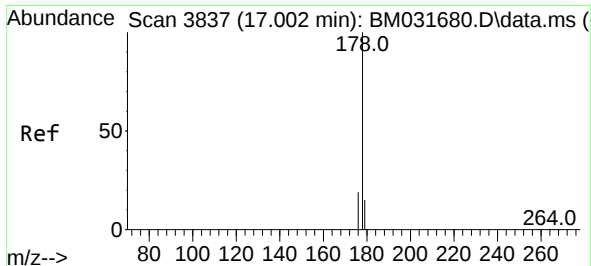


#12
Fluorene
Concen: 0.059 ng/ul
RT: 15.259 min Scan# 3365
Delta R.T. -0.011 min
Lab File: BM031693.D
Acq: 13 Aug 2021 00:59

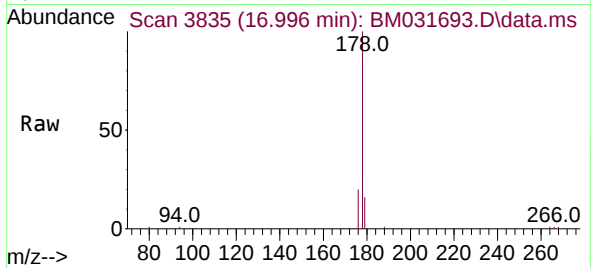


Tgt Ion:166 Resp: 430
Ion Ratio Lower Upper
166 100
165 105.6 78.0 117.0
167 35.6 12.0 18.0#

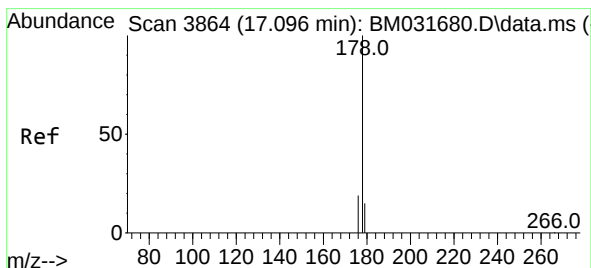
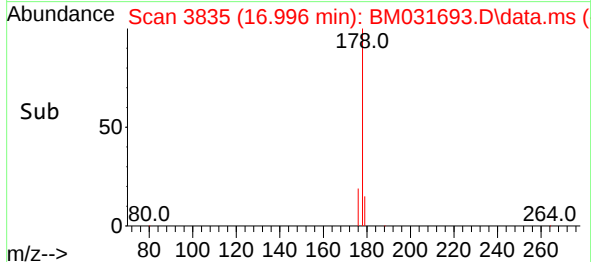
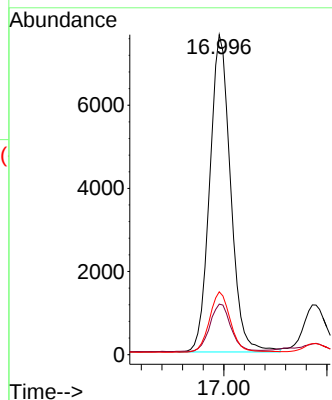




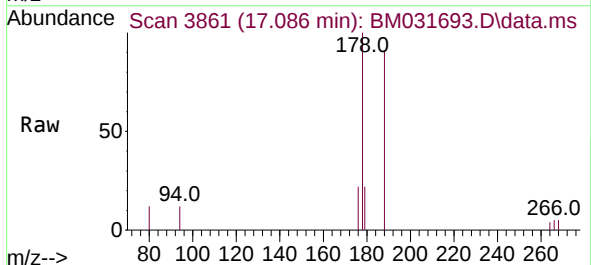
#15
Phenanthrene
Concen: 0.817 ng/ul
RT: 16.996 min Scan# 3835
Delta R.T. -0.006 min
Lab File: BM031693.D
Acq: 13 Aug 2021 00:59



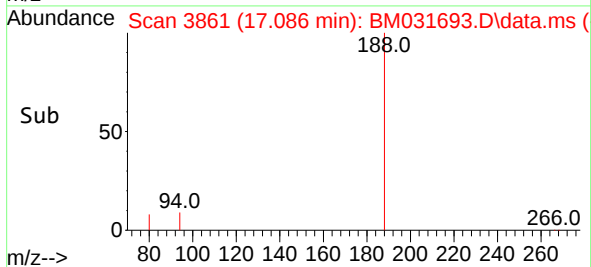
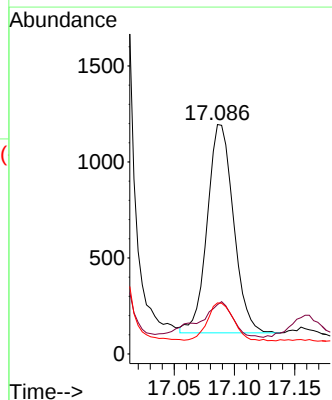
Tgt Ion:178 Resp: 10700
Ion Ratio Lower Upper
178 100
179 15.8 13.3 19.9
176 19.6 16.2 24.4



#16
Anthracene
Concen: 0.134 ng/ul
RT: 17.086 min Scan# 3861
Delta R.T. -0.010 min
Lab File: BM031693.D
Acq: 13 Aug 2021 00:59



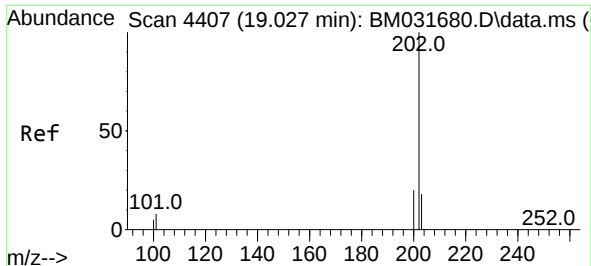
Tgt Ion:178 Resp: 1646
Ion Ratio Lower Upper
178 100
179 21.5 13.0 19.6#
176 22.3 15.6 23.4



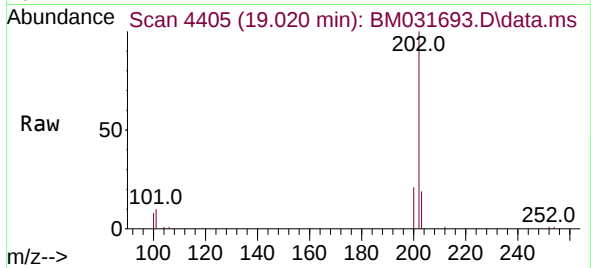
Instrument :
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ClientSampled :
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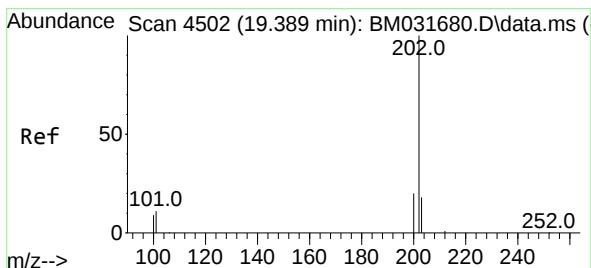
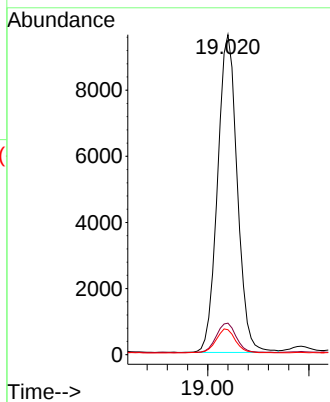
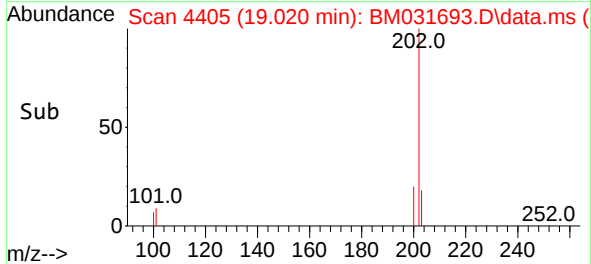
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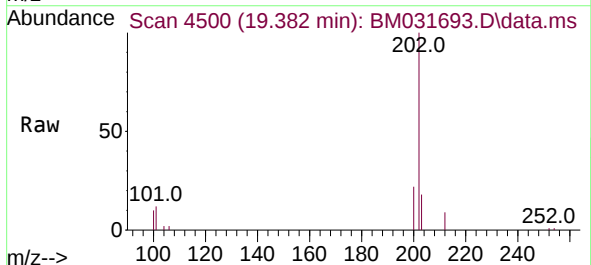
#19
Fluoranthene
Concen: 0.807 ng/ul
RT: 19.020 min Scan# 4405
Delta R.T. -0.007 min
Lab File: BM031693.D
Acq: 13 Aug 2021 00:59



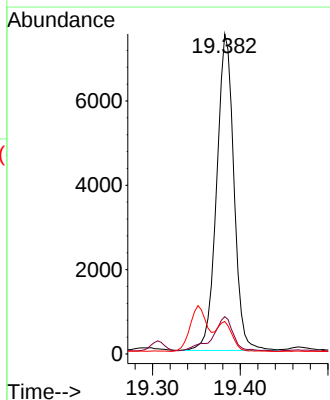
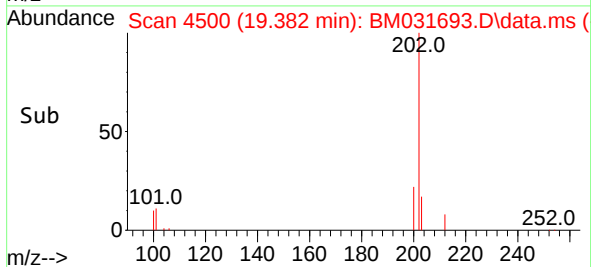
Tgt Ion:202 Resp: 12966
Ion Ratio Lower Upper
202 100
101 9.8 6.6 10.0
100 7.8 5.4 8.0



#20
Pyrene
Concen: 0.630 ng/ul
RT: 19.382 min Scan# 4500
Delta R.T. -0.007 min
Lab File: BM031693.D
Acq: 13 Aug 2021 00:59



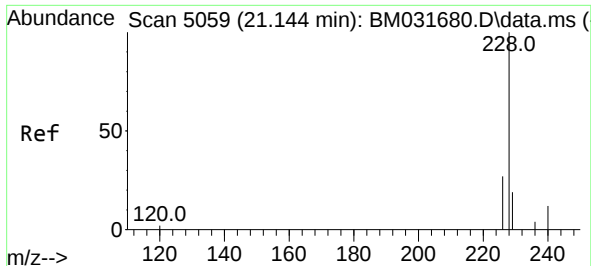
Tgt Ion:202 Resp: 10273
Ion Ratio Lower Upper
202 100
101 11.6 7.8 11.6
100 10.2 6.6 10.0#



Instrument :
BNA_M
ClientSampleId :
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Manual Integrations
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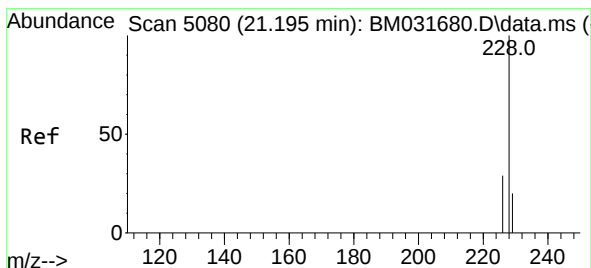
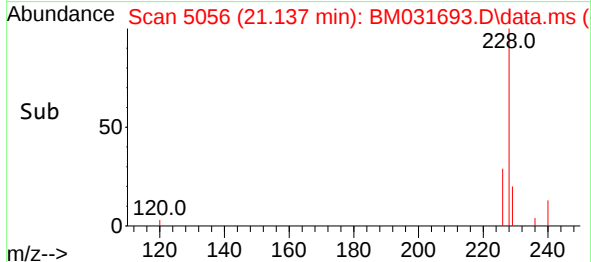
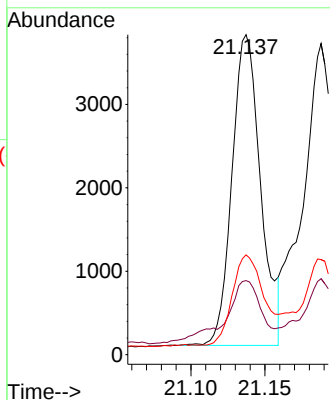
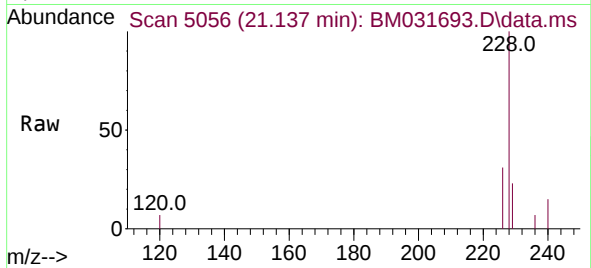
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Benzo(a)anthracene
Concen: 0.330 ng/ul
RT: 21.137 min Scan# 5056
Delta R.T. -0.007 min
Lab File: BM031693.D
Acq: 13 Aug 2021 00:59

Tgt Ion:228	Resp:	5014
Ion Ratio	Lower	Upper
228	100	
229	23.1	15.6 23.4
226	31.2	21.7 32.5

Instrument :
BNA_M
ClientSampled :
C00D0DL

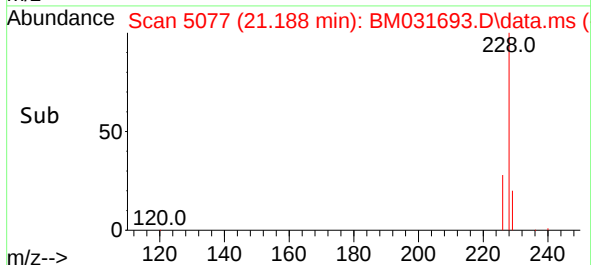
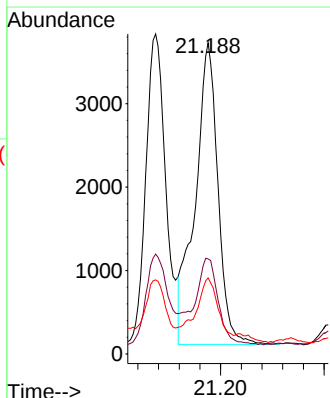
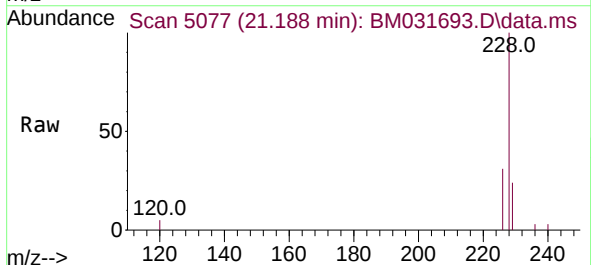
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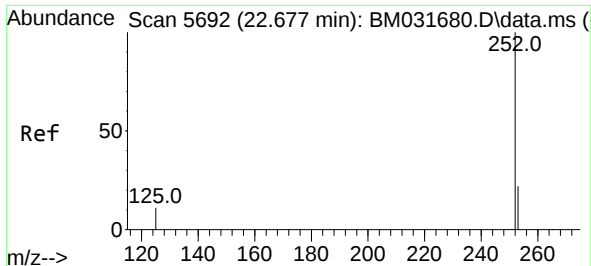
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#22
Chrysene
Concen: 0.353 ng/ul m
RT: 21.188 min Scan# 5077
Delta R.T. -0.007 min
Lab File: BM031693.D
Acq: 13 Aug 2021 00:59

Tgt Ion:228	Resp:	5555
Ion Ratio	Lower	Upper
228	100	
226	30.5	24.7 37.1
229	24.4	16.2 24.2#





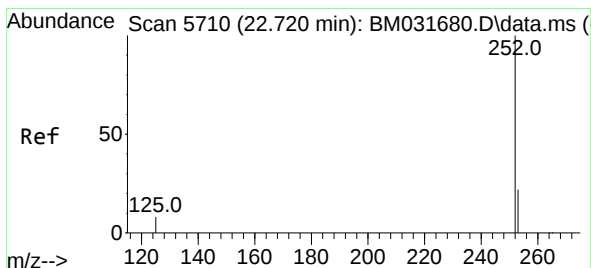
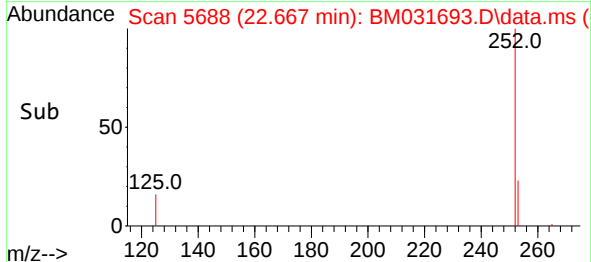
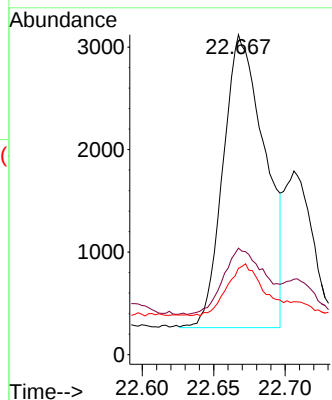
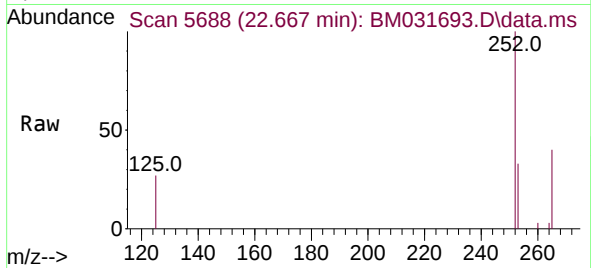
#24
Benzo(b)fluoranthene
Concen: 0.338 ng/ul m
RT: 22.667 min Scan# 5688
Delta R.T. -0.009 min
Lab File: BM031693.D
Acq: 13 Aug 2021 00:59

Tgt Ion	Ratio	Lower	Upper
252	100		
253	33.3	0.0	53.0
125	27.0	0.0	22.8#

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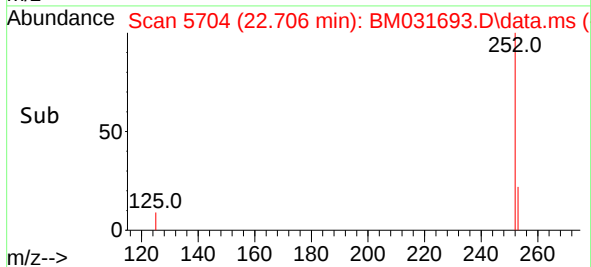
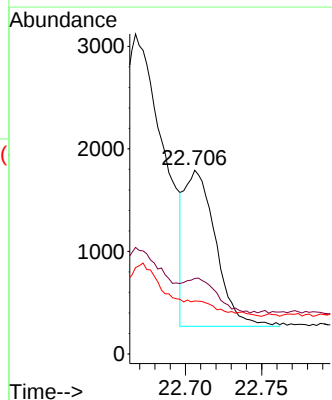
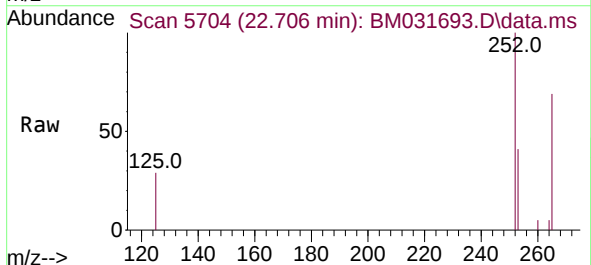
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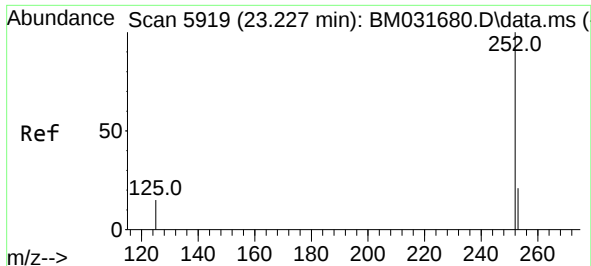
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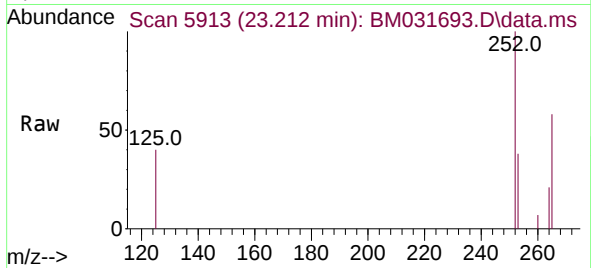
#25
Benzo(k)fluoranthene
Concen: 0.123 ng/ul m
RT: 22.706 min Scan# 5704
Delta R.T. -0.014 min
Lab File: BM031693.D
Acq: 13 Aug 2021 00:59

Tgt Ion	Ratio	Lower	Upper
252	100		
253	41.2	21.3	31.9#
125	28.8	8.8	13.2#

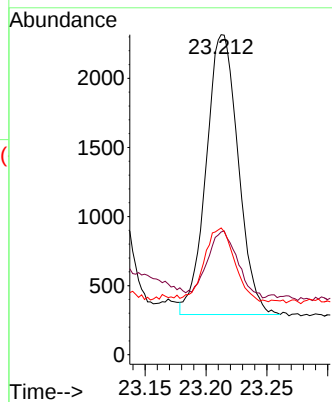
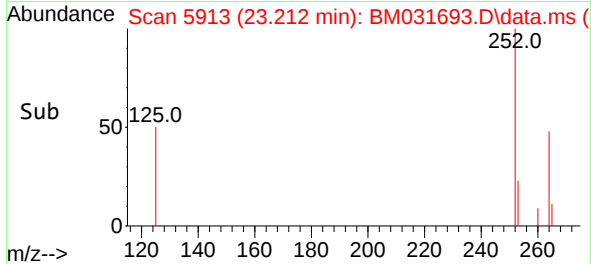




#26
Benzo(a)pyrene
Concen: 0.247 ng/ul
RT: 23.212 min Scan# 5913
Delta R.T. -0.014 min
Lab File: BM031693.D
Acq: 13 Aug 2021 00:59



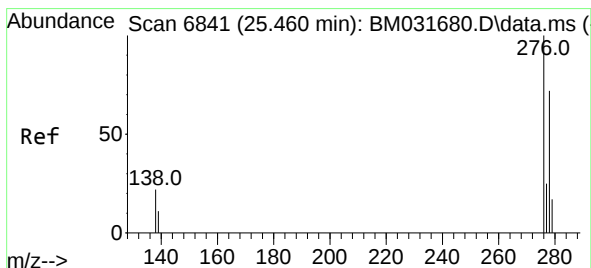
Tgt Ion:252 Resp: 3706
Ion Ratio Lower Upper
252 100
253 38.3 22.4 33.6#
125 39.6 13.0 19.4#



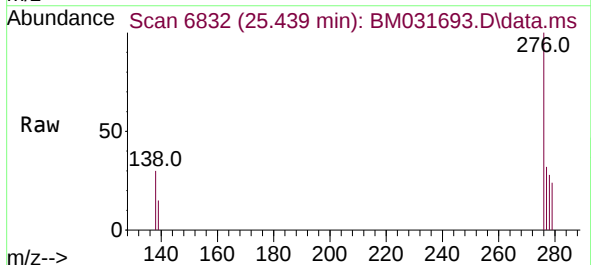
Instrument :
BNA_M
ClientSampled :
C00D0DL

Manual Integrations
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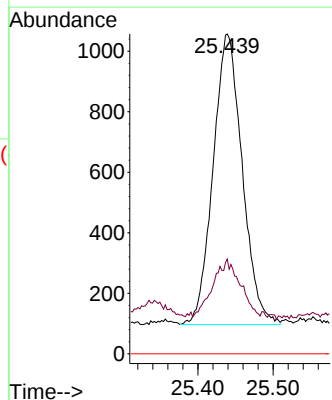
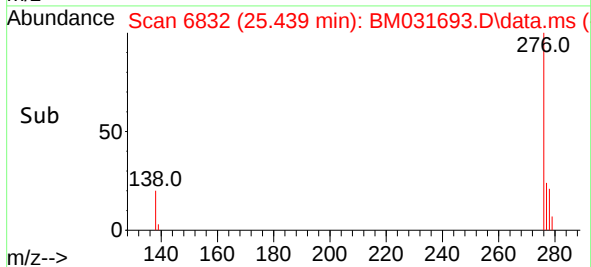
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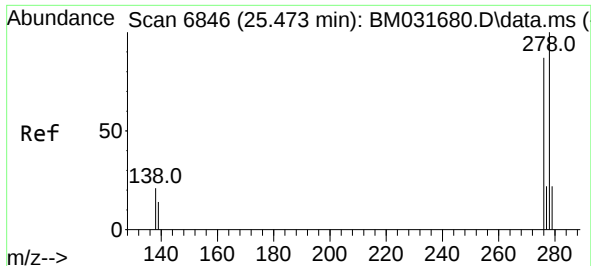


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.133 ng/ul
RT: 25.439 min Scan# 6832
Delta R.T. -0.021 min
Lab File: BM031693.D
Acq: 13 Aug 2021 00:59

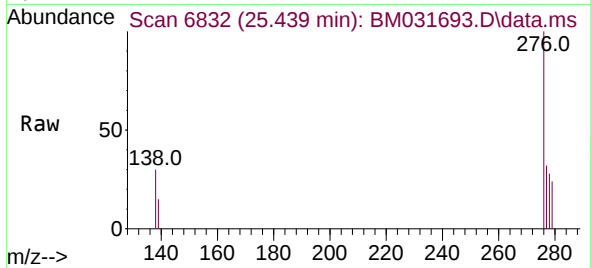


Tgt Ion:276 Resp: 2579
Ion Ratio Lower Upper
276 100
138 19.7 15.8 23.8
227 0.0 0.0 0.0

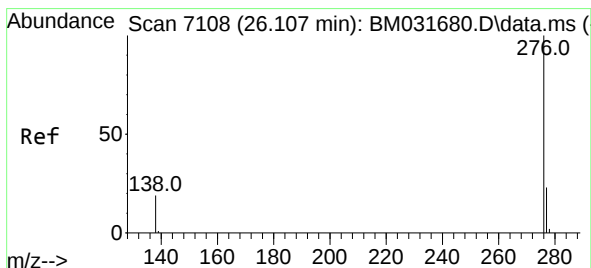
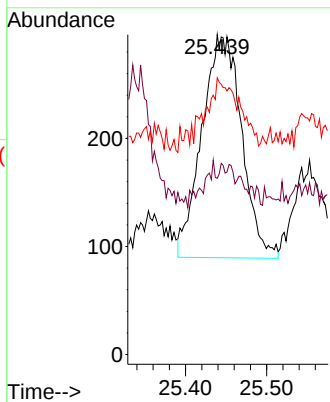
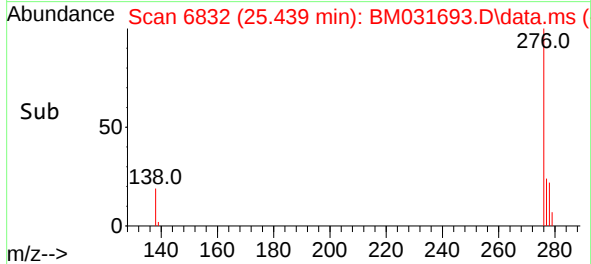




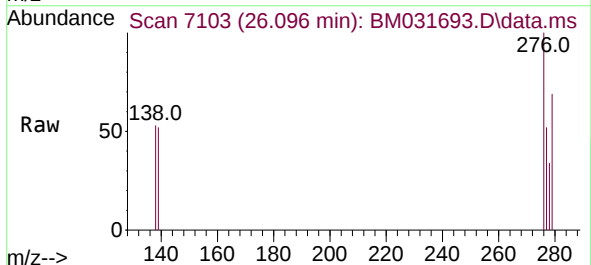
#28
Dibenzo(a,h)anthracene
Concen: 0.045 ng/ul
RT: 25.439 min Scan# 6832
Delta R.T. -0.033 min
Lab File: BM031693.D
Acq: 13 Aug 2021 00:59



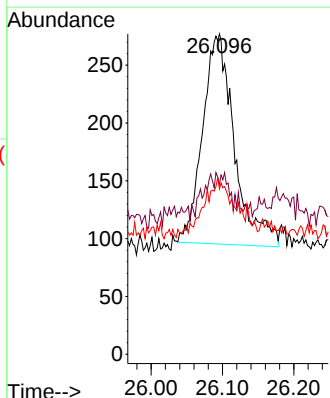
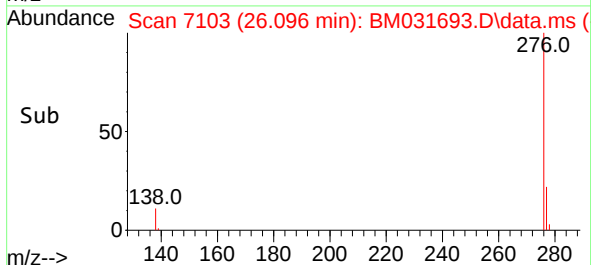
Tgt Ion: 278 Resp: 701
Ion Ratio Lower Upper
278 100
139 55.1 13.3 19.9#
279 86.5 22.8 34.2#



#29
Benzo(g,h,i)perylene
Concen: 0.034 ng/ul
RT: 26.096 min Scan# 7103
Delta R.T. -0.012 min
Lab File: BM031693.D
Acq: 13 Aug 2021 00:59



Tgt Ion: 276 Resp: 563
Ion Ratio Lower Upper
276 100
138 53.1 15.4 23.2#
277 51.6 19.9 29.9#



Instrument :
BNA_M
ClientSampleID :
C00D0DL

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