

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081221\
 Data File : BM031715.D
 Acq On : 13 Aug 2021 15:12
 Operator : CG/JU
 Sample : M3208-07
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C00E7

Manual Integrations
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Quant Time: Aug 13 15:47:41 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	7.566	152	1145	0.400	ng/ul	0.00
4) Naphthalene-d8	10.325	136	4219	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.201	164	2548	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.950	188	4615	0.400	ng/ul	#-0.01
17) Chrysene-d12	21.154	240	3673	0.400	ng/ul	# 0.00
23) Perylene-d12	23.312	264	3568	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.182	96	4570	3.594	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.921	152	1209	0.170	ng/ul	-0.01
18) Fluoranthene-d10	18.986	212	2405	0.196	ng/ul	-0.01
Target Compounds						
					Qvalue	
5) Naphthalene	10.374	128	8660	0.689	ng/ul	99
7) 2-Methylnaphthalene	11.998	142	8304	0.967	ng/ul	100
8) 1-Methylnaphthalene	12.218	142	5077	0.598	ng/ul	98
10) Acenaphthylene	13.923	152	5934	0.547	ng/ul	98
11) Acenaphthene	14.262	153	1296	0.142	ng/ul	95
12) Fluorene	15.255	166	3054	0.291	ng/ul#	93
15) Phenanthrene	16.992	178	66260	4.521	ng/ul	98
16) Anthracene	17.086	178	9901	0.722	ng/ul	99
19) Fluoranthene	19.016	202	74387	4.743	ng/ul	96
20) Pyrene	19.382	202	59991	3.771	ng/ul	96
21) Benzo(a)anthracene	21.137	228	30544	2.059	ng/ul	93
22) Chrysene	21.190	228	37375	2.436	ng/ul	97
24) Benzo(b)fluoranthene	22.672	252	41590m	2.587	ng/ul	
25) Benzo(k)fluoranthene	22.711	252	15181m	0.914	ng/ul	
26) Benzo(a)pyrene	23.220	252	24276	1.724	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	25.444	276	18477	1.015	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.449	278	5277	0.360	ng/ul#	72
29) Benzo(g,h,i)perylene	26.096	276	3734	0.241	ng/ul#	74

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

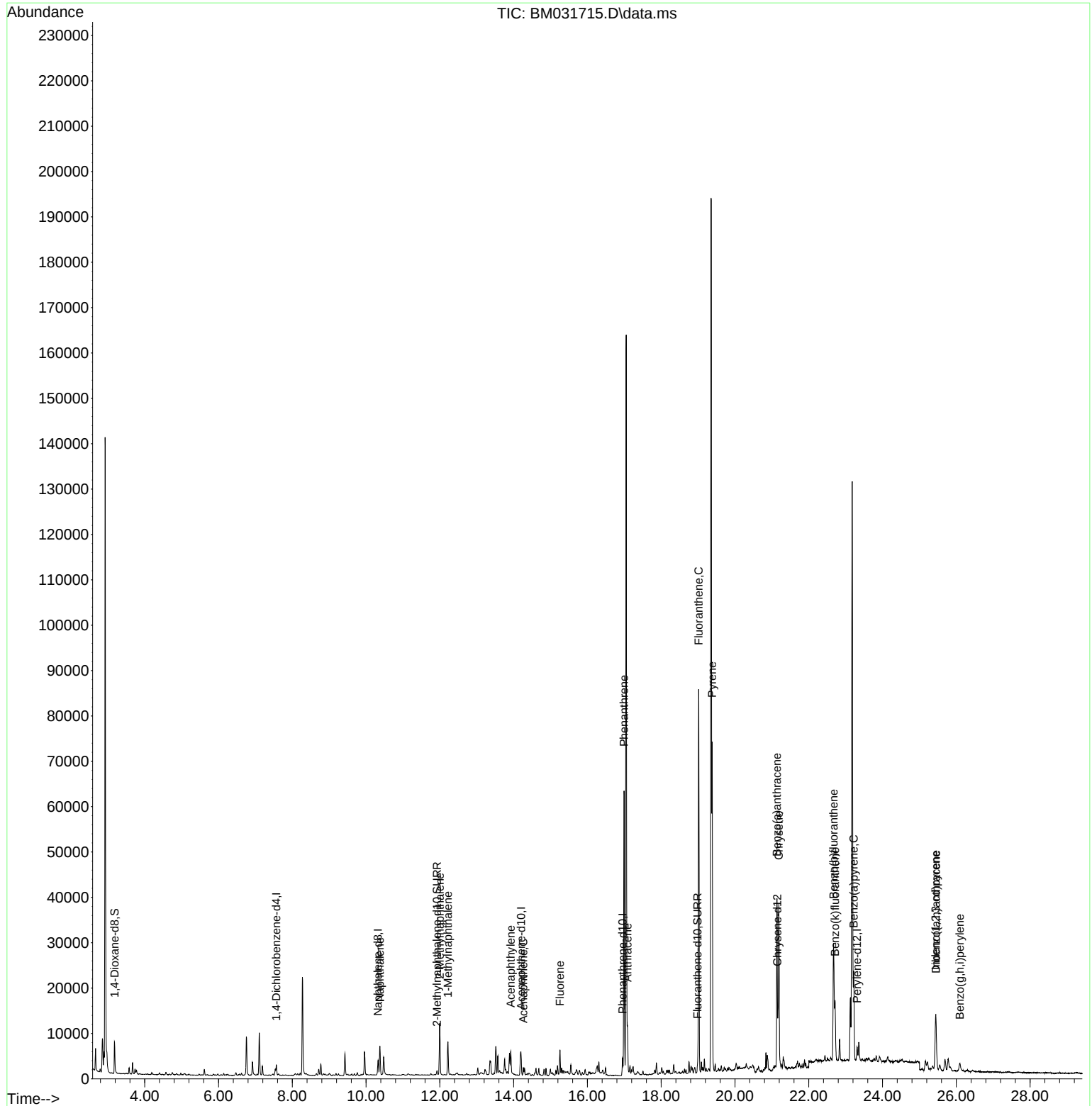
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081221\
Data File : BM031715.D
Acq On : 13 Aug 2021 15:12
Operator : CG/JU
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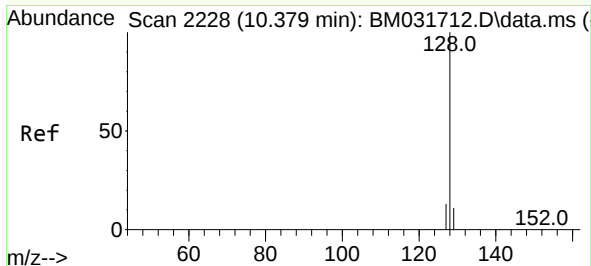
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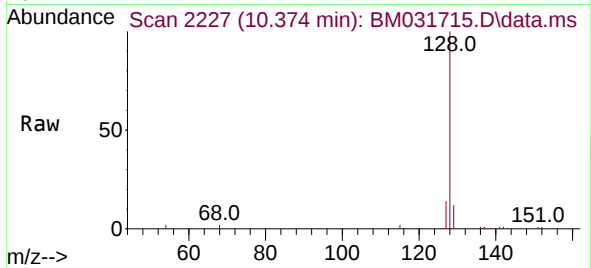
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Quant Time: Aug 13 15:47:41 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM072821.M
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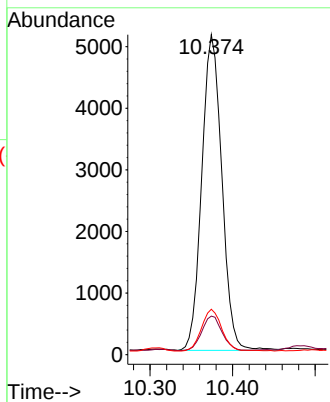
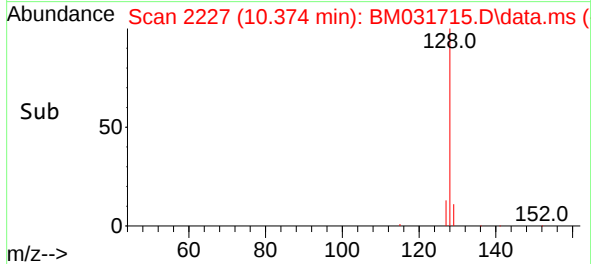




#5
Naphthalene
Concen: 0.689 ng/ul
RT: 10.374 min Scan# 2227
Delta R.T. -0.008 min
Lab File: BM031715.D
Acq: 13 Aug 2021 15:12



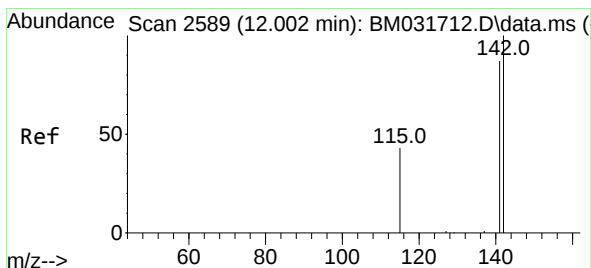
Tgt Ion:128 Resp: 8660
Ion Ratio Lower Upper
128 100
129 12.1 10.0 15.0
127 14.2 11.6 17.4



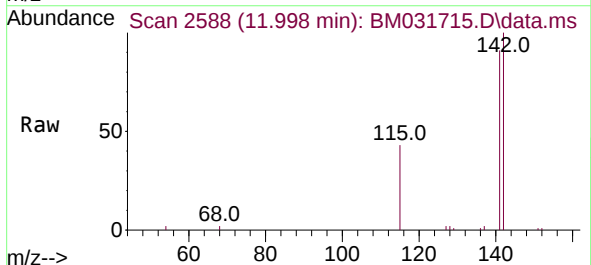
Instrument :
BNA_M
ClientSampled :
C00E7

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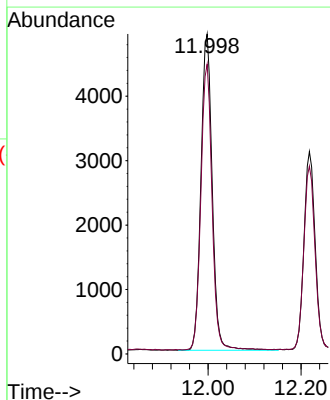
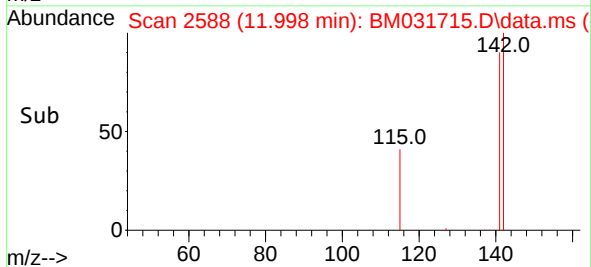
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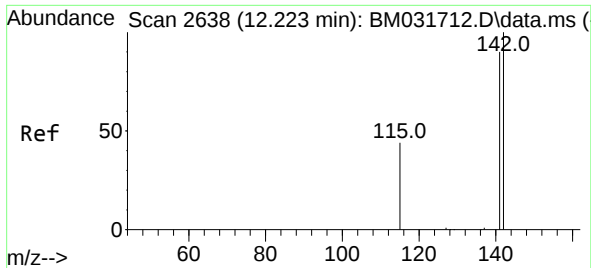


#7
2-Methylnaphthalene
Concen: 0.967 ng/ul
RT: 11.998 min Scan# 2588
Delta R.T. -0.008 min
Lab File: BM031715.D
Acq: 13 Aug 2021 15:12

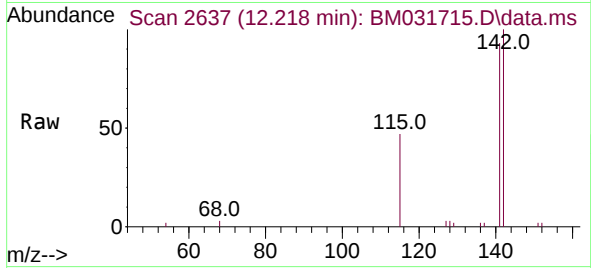


Tgt Ion:142 Resp: 8304
Ion Ratio Lower Upper
142 100
141 89.2 71.4 107.0

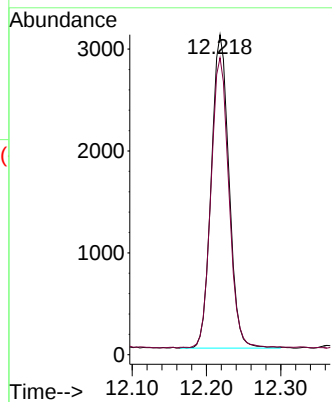
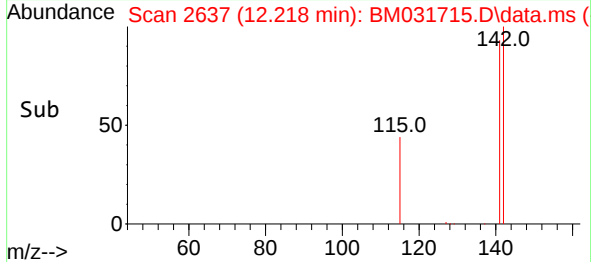




#8
1-Methylnaphthalene
Concen: 0.598 ng/ul
RT: 12.218 min Scan# 2637
Delta R.T. -0.008 min
Lab File: BM031715.D
Acq: 13 Aug 2021 15:12



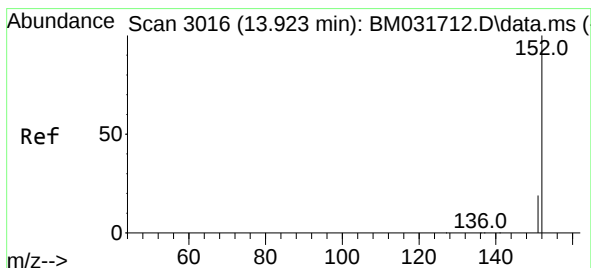
Tgt Ion:142 Resp: 5077
Ion Ratio Lower Upper
142 100
141 94.1 74.1 111.1



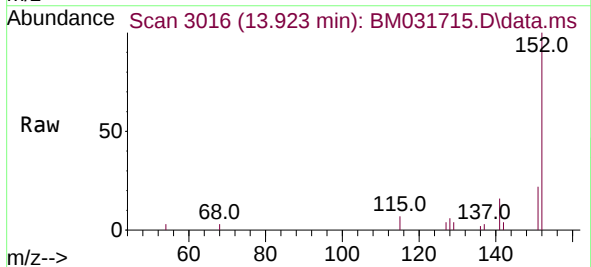
Instrument :
BNA_M
ClientSampled :
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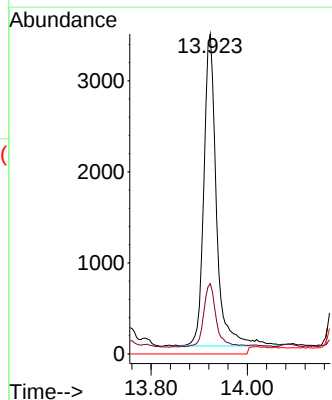
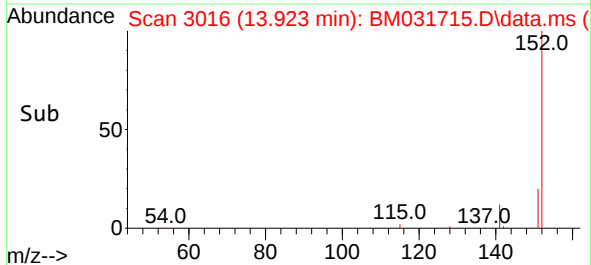
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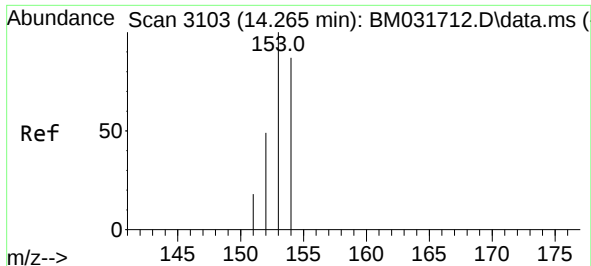


#10
Acenaphthylene
Concen: 0.547 ng/ul
RT: 13.923 min Scan# 3016
Delta R.T. -0.008 min
Lab File: BM031715.D
Acq: 13 Aug 2021 15:12



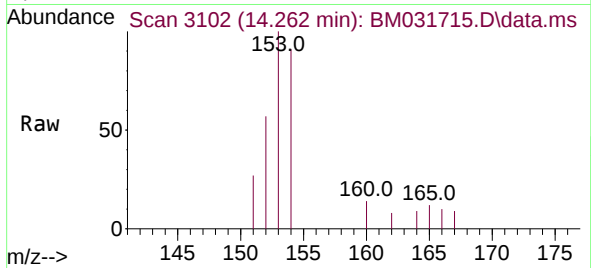
Tgt Ion:152 Resp: 5934
Ion Ratio Lower Upper
152 100
151 22.0 16.9 25.3
153 0.0 0.0 0.0





#11
Acenaphthene
Concen: 0.142 ng/ul
RT: 14.262 min Scan# 3102
Delta R.T. -0.011 min
Lab File: BM031715.D
Acq: 13 Aug 2021 15:12

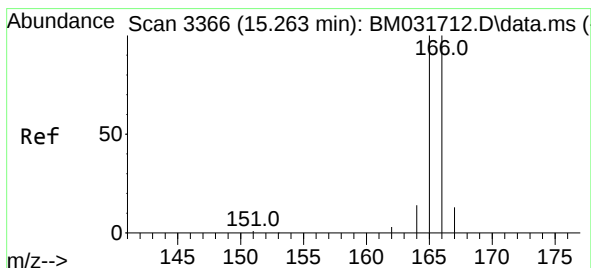
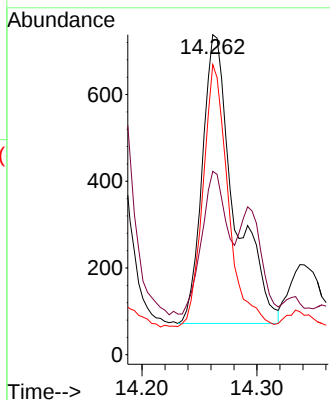
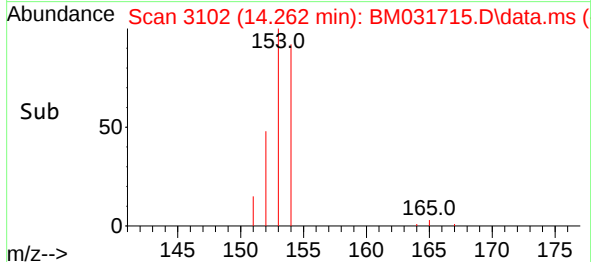
Instrument :
BNA_M
ClientSampled :
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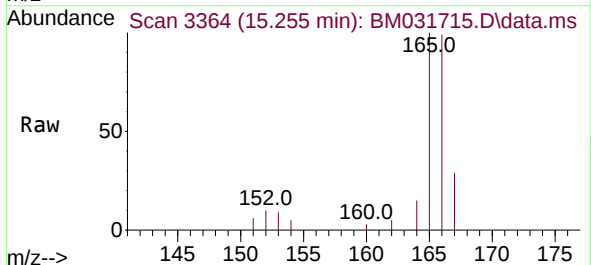
Tgt Ion:153 Resp: 1296
Ion Ratio Lower Upper
153 100
152 57.3 40.7 61.1
154 90.7 70.2 105.2

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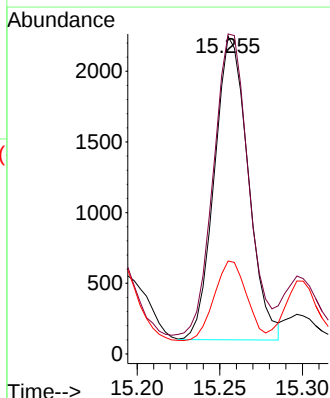
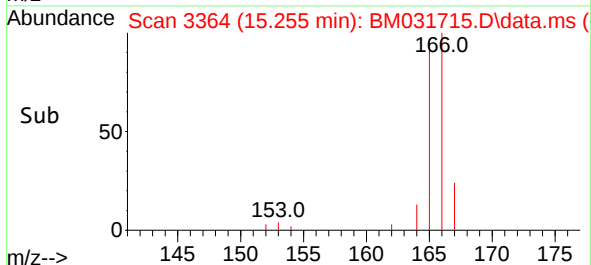
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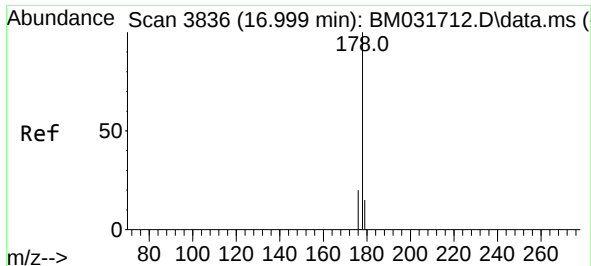


#12
Fluorene
Concen: 0.291 ng/ul
RT: 15.255 min Scan# 3364
Delta R.T. -0.015 min
Lab File: BM031715.D
Acq: 13 Aug 2021 15:12

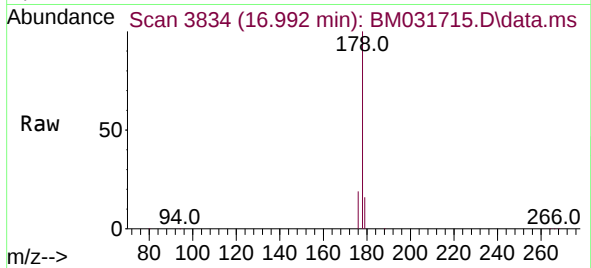


Tgt Ion:166 Resp: 3054
Ion Ratio Lower Upper
166 100
165 100.8 78.0 117.0
167 29.3 12.0 18.0#

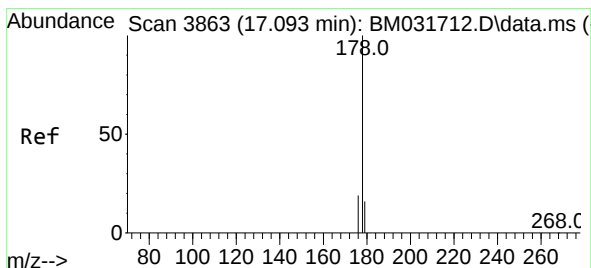
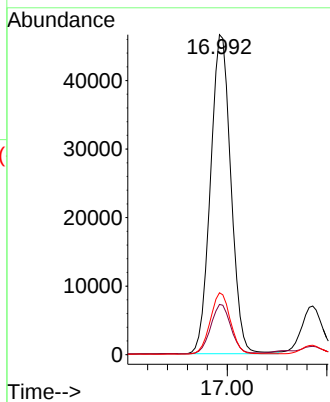
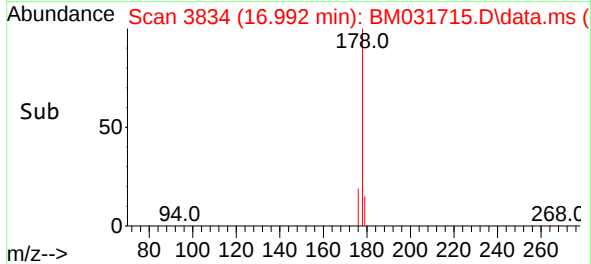




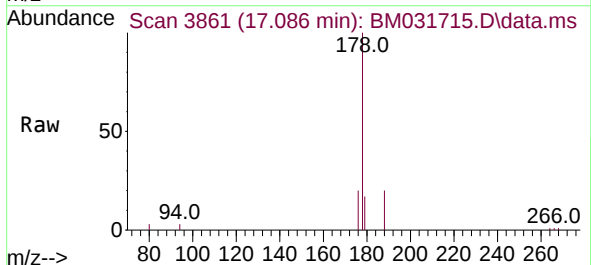
#15
Phenanthrene
Concen: 4.521 ng/ul
RT: 16.992 min Scan# 3834
Delta R.T. -0.010 min
Lab File: BM031715.D
Acq: 13 Aug 2021 15:12



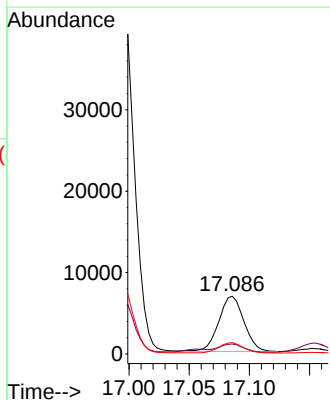
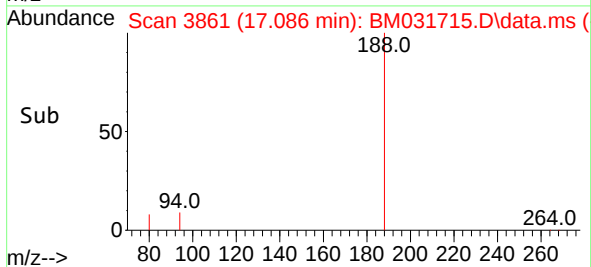
Tgt Ion:178 Resp: 66260
Ion Ratio Lower Upper
178 100
179 15.7 13.3 19.9
176 19.3 16.2 24.4



#16
Anthracene
Concen: 0.722 ng/ul
RT: 17.086 min Scan# 3861
Delta R.T. -0.010 min
Lab File: BM031715.D
Acq: 13 Aug 2021 15:12



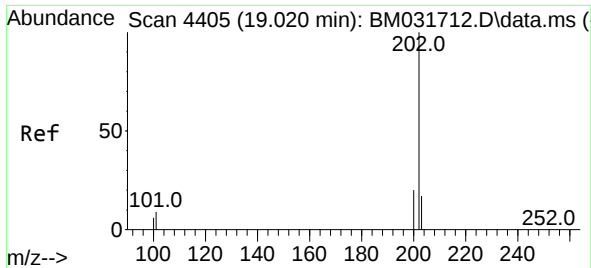
Tgt Ion:178 Resp: 9901
Ion Ratio Lower Upper
178 100
179 17.2 13.0 19.6
176 19.6 15.6 23.4



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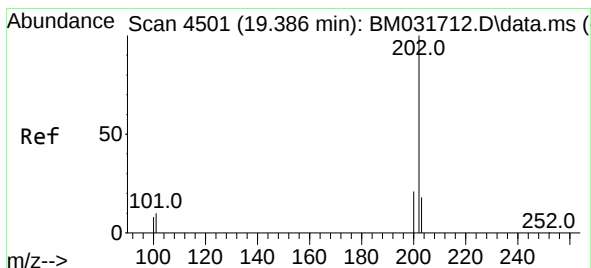
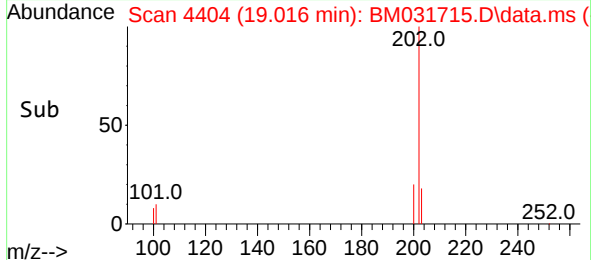
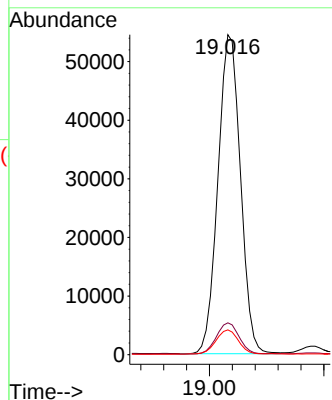
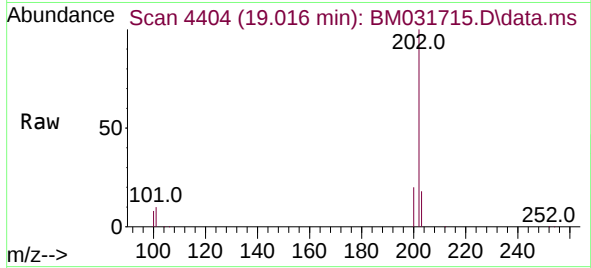
#19
Fluoranthene
Concen: 4.743 ng/ul
RT: 19.016 min Scan# 4404
Delta R.T. -0.011 min
Lab File: BM031715.D
Acq: 13 Aug 2021 15:12

Tgt Ion:	202	Resp:	74387
Ion Ratio	Lower	Upper	
202	100		
101	9.9	6.6	10.0
100	7.8	5.4	8.0

Instrument :
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ClientSampleId :
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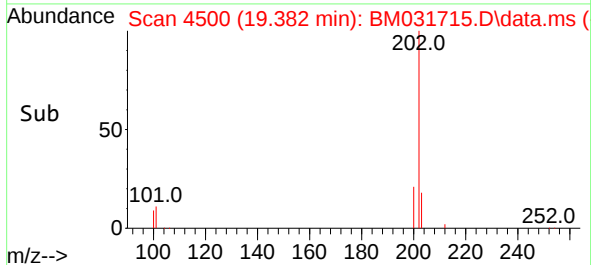
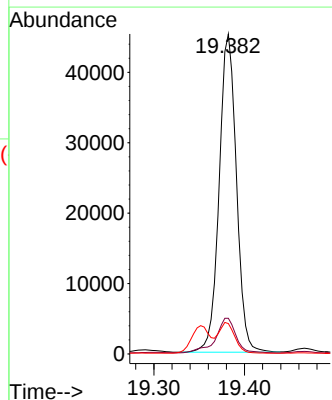
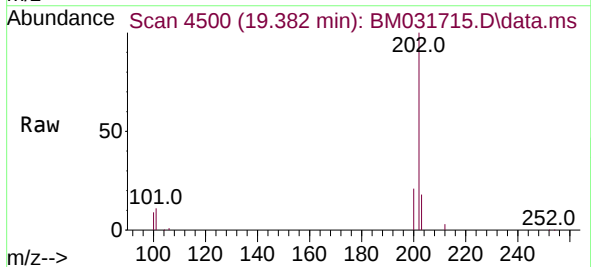
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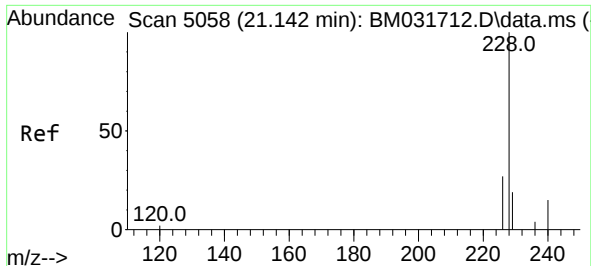
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#20
Pyrene
Concen: 3.771 ng/ul
RT: 19.382 min Scan# 4500
Delta R.T. -0.007 min
Lab File: BM031715.D
Acq: 13 Aug 2021 15:12

Tgt Ion:	202	Resp:	59991
Ion Ratio	Lower	Upper	
202	100		
101	11.1	7.8	11.6
100	9.5	6.6	10.0





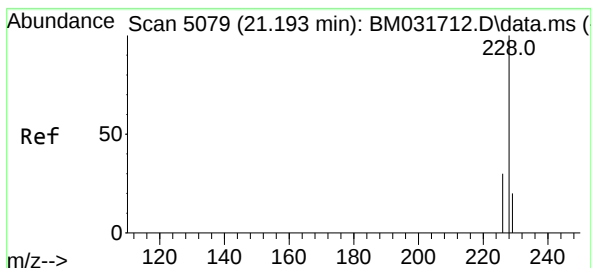
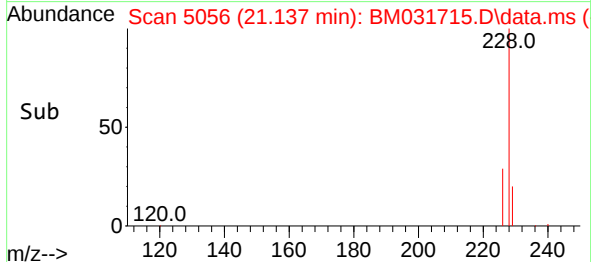
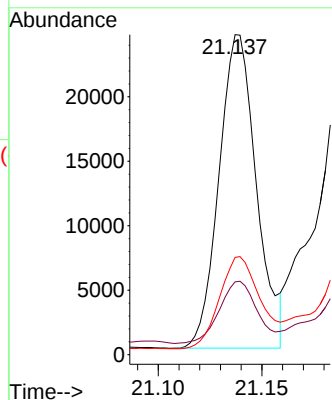
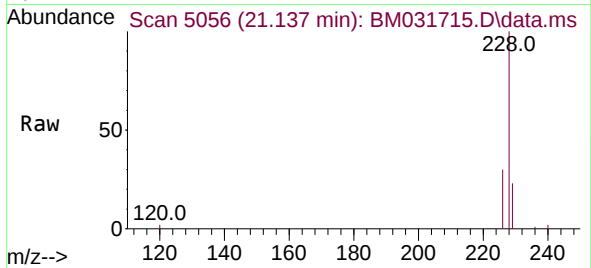
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Benzo(a)anthracene
Concen: 2.059 ng/u1
RT: 21.137 min Scan# 5056
Delta R.T. -0.007 min
Lab File: BM031715.D
Acq: 13 Aug 2021 15:12

Tgt Ion:228	Resp:	30544
Ion Ratio	Lower	Upper
228	100	
229	22.8	15.6 23.4
226	30.4	21.7 32.5

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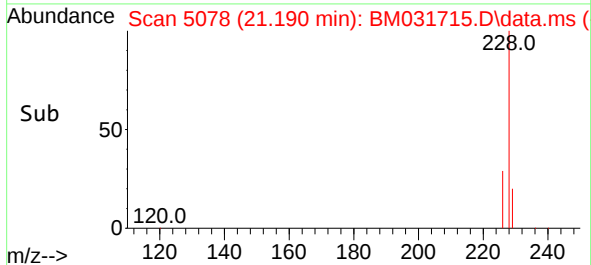
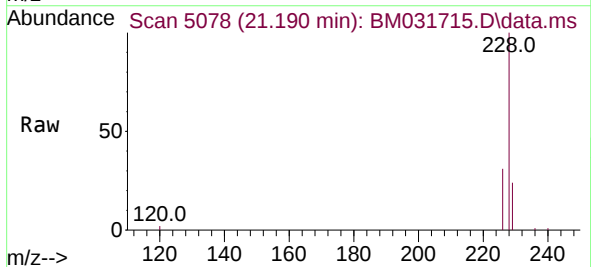
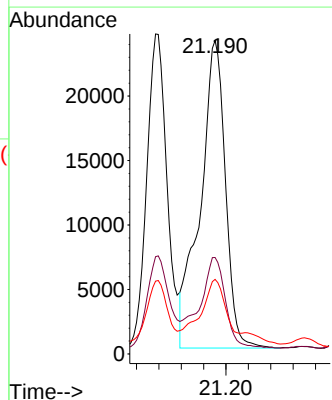
Manual Integrations
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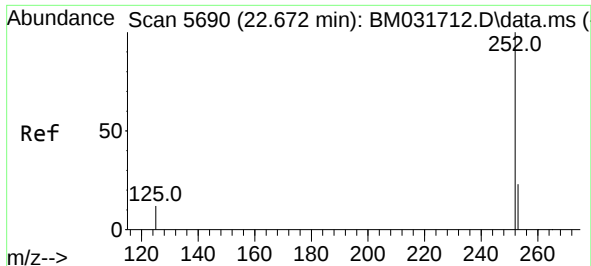
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#22
Chrysene
Concen: 2.436 ng/u1
RT: 21.190 min Scan# 5078
Delta R.T. -0.005 min
Lab File: BM031715.D
Acq: 13 Aug 2021 15:12

Tgt Ion:228	Resp:	37375
Ion Ratio	Lower	Upper
228	100	
226	30.8	24.7 37.1
229	23.8	16.2 24.2





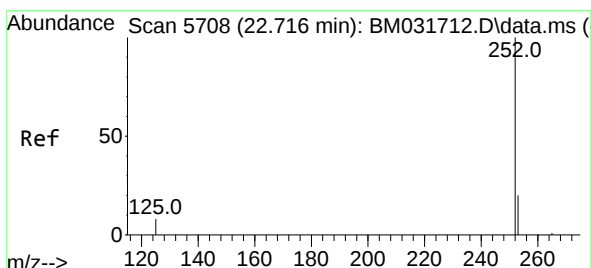
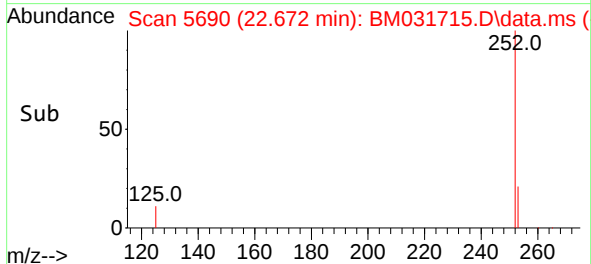
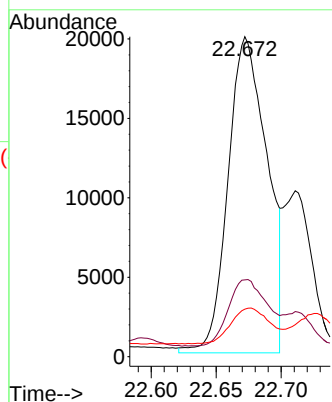
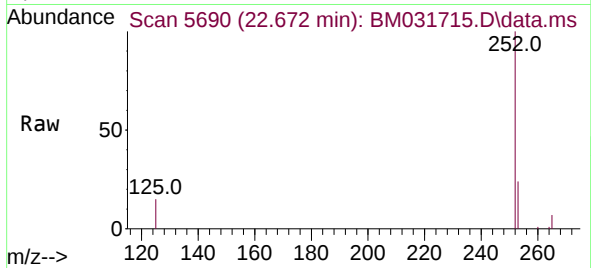
#24
Benzo(b)fluoranthene
Concen: 2.587 ng/ul m
RT: 22.672 min Scan# 5690
Delta R.T. -0.005 min
Lab File: BM031715.D
Acq: 13 Aug 2021 15:12

Tgt Ion:252	Resp:	41590
Ion Ratio	Lower	Upper
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253	24.0	0.0 53.0
125	14.9	0.0 22.8

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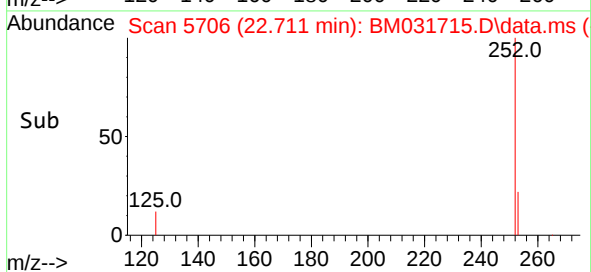
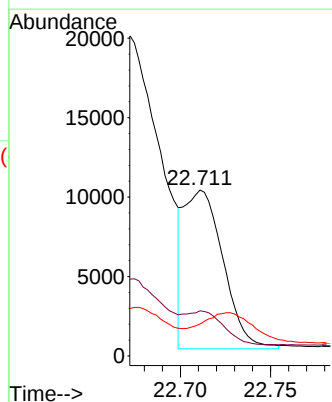
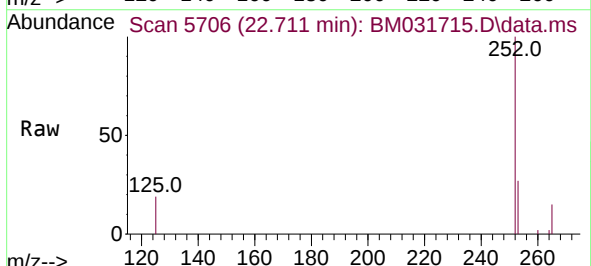
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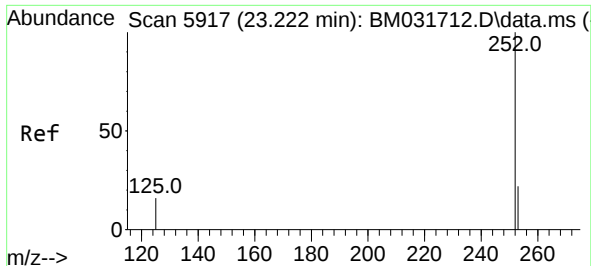
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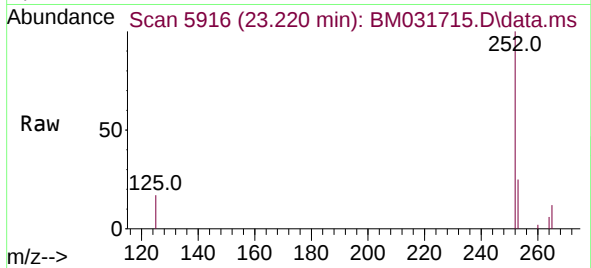
#25
Benzo(k)fluoranthene
Concen: 0.914 ng/ul m
RT: 22.711 min Scan# 5706
Delta R.T. -0.009 min
Lab File: BM031715.D
Acq: 13 Aug 2021 15:12

Tgt Ion:252	Resp:	15181
Ion Ratio	Lower	Upper
252	100	
253	27.2	21.3 31.9
125	19.3	8.8 13.2#

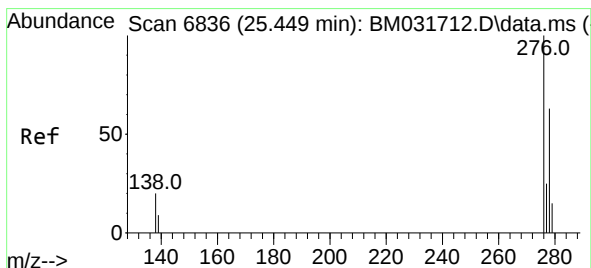
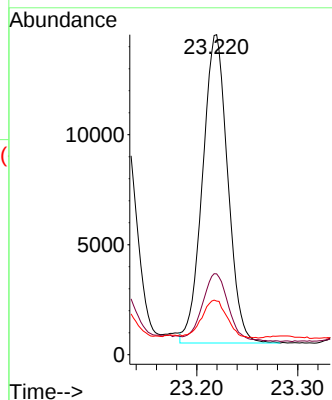
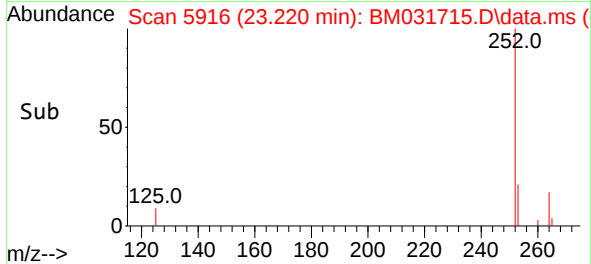




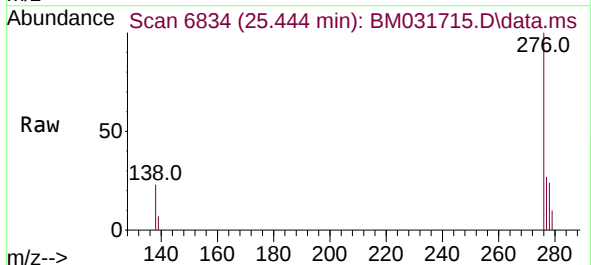
#26
Benzo(a)pyrene
Concen: 1.724 ng/ul
RT: 23.220 min Scan# 5916
Delta R.T. -0.007 min
Lab File: BM031715.D
Acq: 13 Aug 2021 15:12



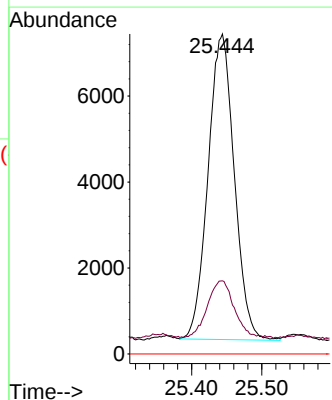
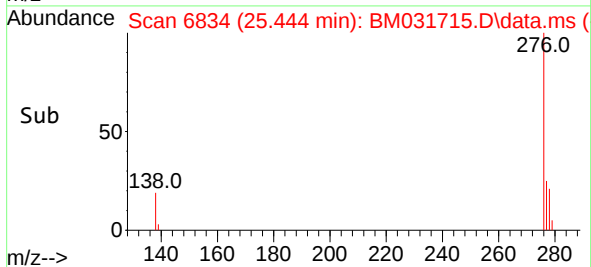
Tgt Ion: 252 Resp: 24276
Ion Ratio Lower Upper
252 100
253 25.2 22.4 33.6
125 16.8 13.0 19.4



#27
Indeno(1,2,3-cd)pyrene
Concen: 1.015 ng/ul
RT: 25.444 min Scan# 6834
Delta R.T. -0.017 min
Lab File: BM031715.D
Acq: 13 Aug 2021 15:12



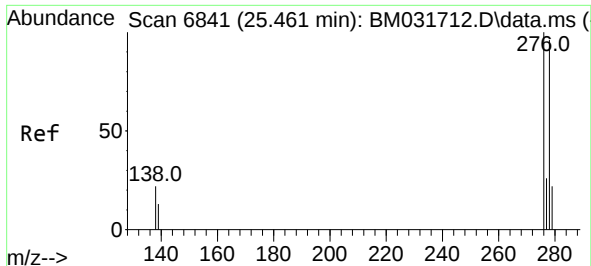
Tgt Ion: 276 Resp: 18477
Ion Ratio Lower Upper
276 100
138 20.4 15.8 23.8
227 0.0 0.0 0.0



Instrument :
BNA_M
ClientSampleId :
C00E7

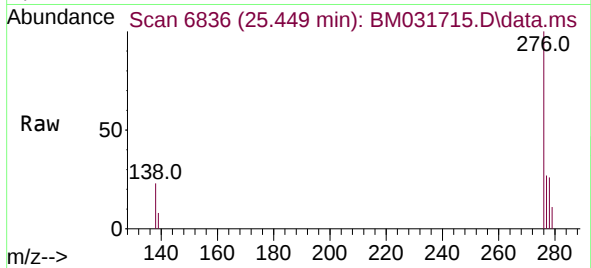
Manual Integrations
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#28
Dibenzo(a,h)anthracene
Concen: 0.360 ng/ul
RT: 25.449 min Scan# 6836
Delta R.T. -0.024 min
Lab File: BM031715.D
Acq: 13 Aug 2021 15:12

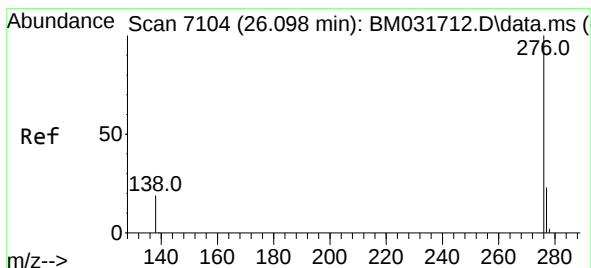
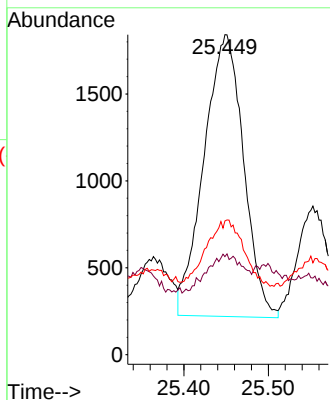
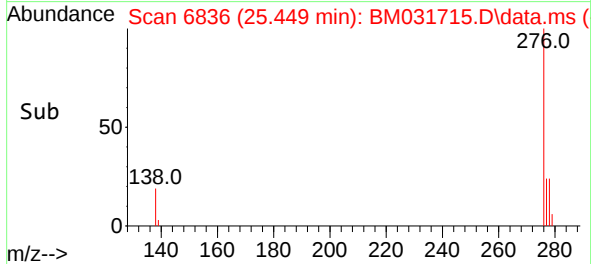
Instrument :
BNA_M
ClientSampled :
C00E7



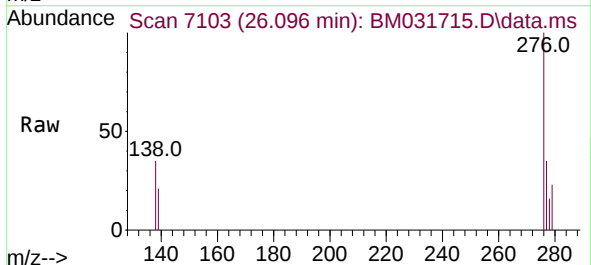
Tgt Ion:278 Resp: 5277
Ion Ratio Lower Upper
278 100
139 30.6 13.3 19.9#
279 41.8 22.8 34.2#

Manual Integrations
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#29
Benzo(g,h,i)perylene
Concen: 0.241 ng/ul
RT: 26.096 min Scan# 7103
Delta R.T. -0.012 min
Lab File: BM031715.D
Acq: 13 Aug 2021 15:12



Tgt Ion:276 Resp: 3734
Ion Ratio Lower Upper
276 100
138 35.2 15.4 23.2#
277 34.8 19.9 29.9#

