

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080521\
 Data File : BM031556.D
 Acq On : 07 Aug 2021 17:54
 Operator : CG/JU
 Sample : M3124-03DL 5X
 Misc :
 ALS Vial : 82 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0086DL

Manual Integrations
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Quant Time: Aug 08 04:02:31 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 06 18:39:21 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.587	152	1480	0.400	ng/ul	0.00
4) Naphthalene-d8	10.347	136	5440	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.216	164	3018	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.964	188	5709	0.400	ng/ul #	0.00
17) Chrysene-d12	21.159	240	4745	0.400	ng/ul #	0.00
23) Perylene-d12	23.314	264	4735	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.192	96	791	0.481	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.939	152	264	0.029	ng/ul	0.00
18) Fluoranthene-d10	18.997	212	503	0.032	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.397	128	1771	0.109	ng/ul#	93
7) 2-Methylnaphthalene	12.016	142	3461	0.313	ng/ul	100
8) 1-Methylnaphthalene	12.236	142	2147	0.196	ng/ul	99
10) Acenaphthylene	13.936	152	1859	0.145	ng/ul#	91
11) Acenaphthene	14.277	153	397m	0.037	ng/ul	
12) Fluorene	15.270	166	1196	0.096	ng/ul#	89
15) Phenanthrene	17.006	178	27893	1.539	ng/ul	99
16) Anthracene	17.100	178	3627	0.214	ng/ul	97
19) Fluoranthene	19.027	202	30860	1.523	ng/ul#	96
20) Pyrene	19.390	202	16154	0.786	ng/ul#	95
21) Benzo(a)anthracene	21.144	228	10367	0.541	ng/ul	93
22) Chrysene	21.195	228	13478	0.680	ng/ul	97
24) Benzo(b)fluoranthene	22.677	252	13208m	0.619	ng/ul	
25) Benzo(k)fluoranthene	22.716	252	4351m	0.197	ng/ul	
26) Benzo(a)pyrene	23.222	252	3200	0.171	ng/ul#	64
27) Indeno(1,2,3-cd)pyrene	25.446	276	3145	0.130	ng/ul#	93
28) Dibenzo(a,h)anthracene	25.461	278	1499	0.077	ng/ul#	47

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

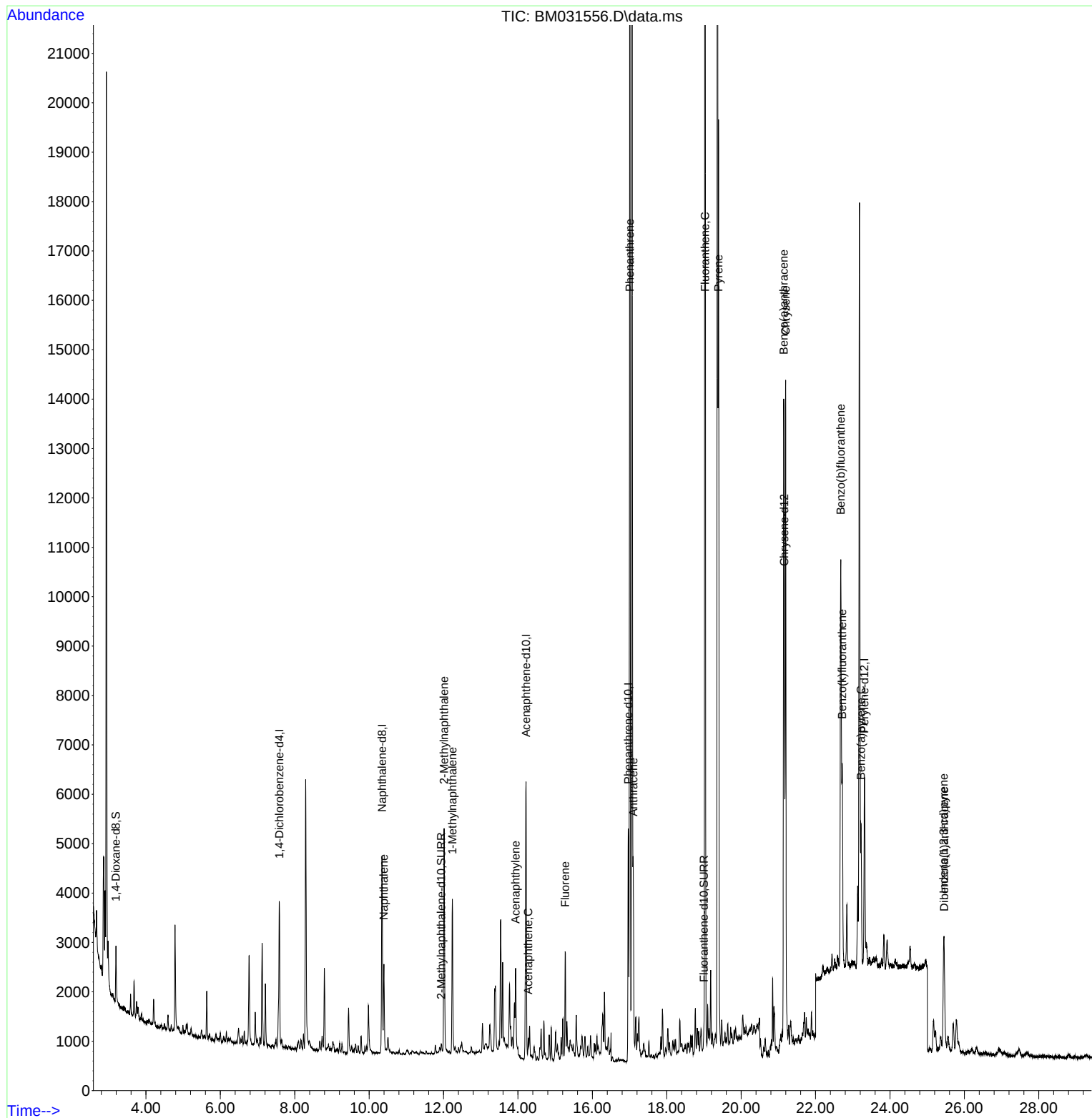
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080521\
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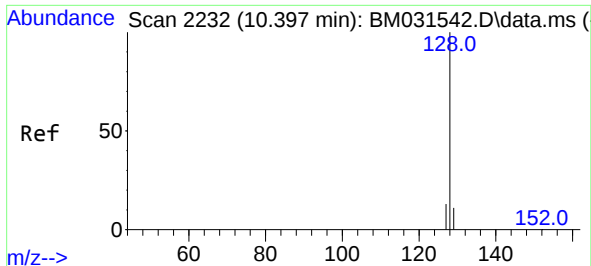
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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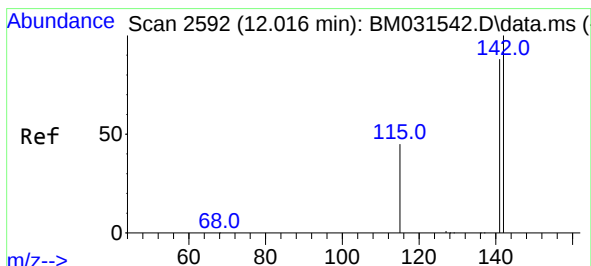
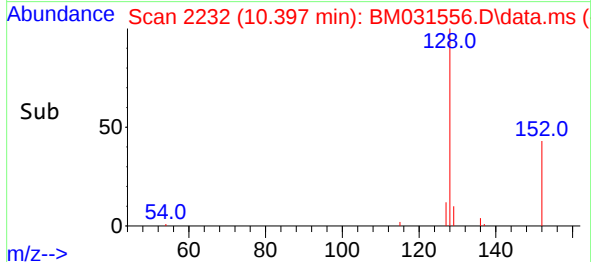
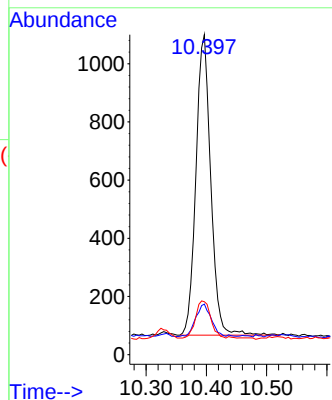
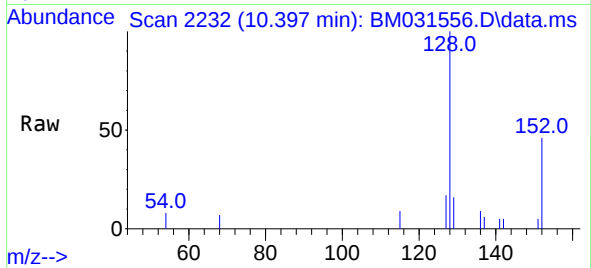
#5
Naphthalene
Concen: 0.109 ng/ul
RT: 10.397 min Scan# 2232
Delta R.T. 0.001 min
Lab File: BM031556.D
Acq: 07 Aug 2021 17:54

Tgt Ion:128 Resp: 1771
Ion Ratio Lower Upper
128 100
129 15.8 10.0 15.0#
127 16.5 11.6 17.4

Instrument :
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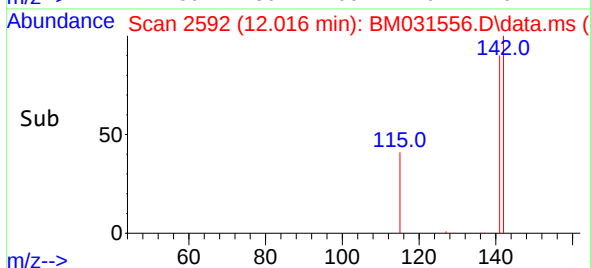
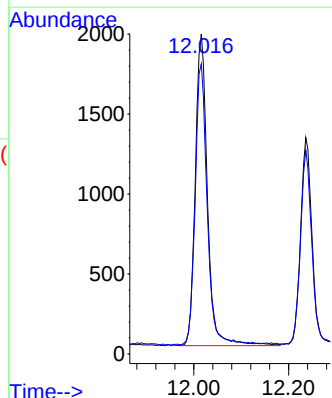
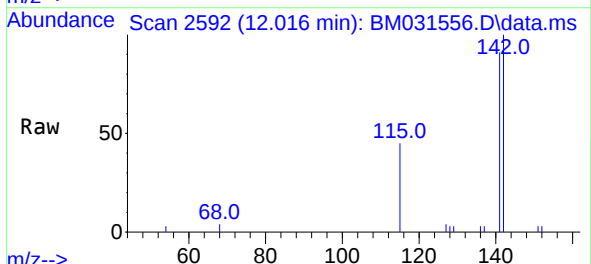
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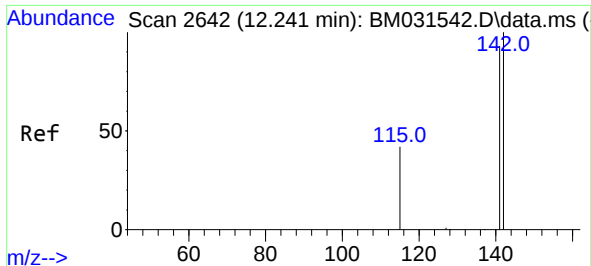
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#7
2-Methylnaphthalene
Concen: 0.313 ng/ul
RT: 12.016 min Scan# 2592
Delta R.T. -0.004 min
Lab File: BM031556.D
Acq: 07 Aug 2021 17:54

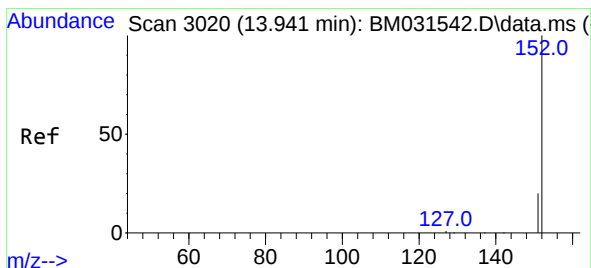
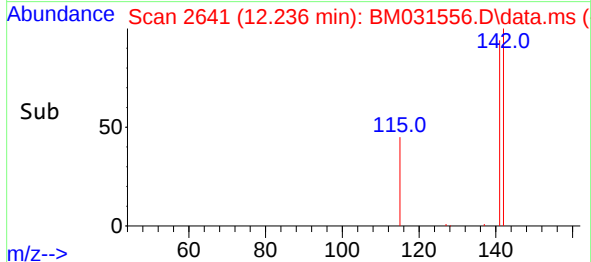
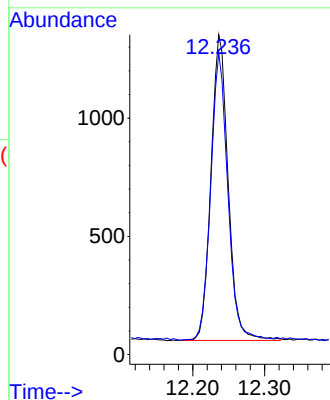
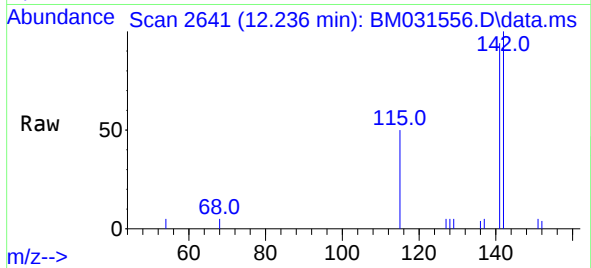
Tgt Ion:142 Resp: 3461
Ion Ratio Lower Upper
142 100
141 88.8 71.4 107.0





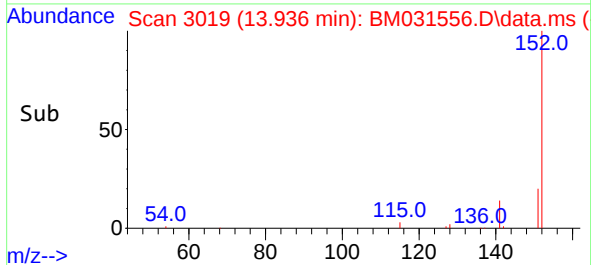
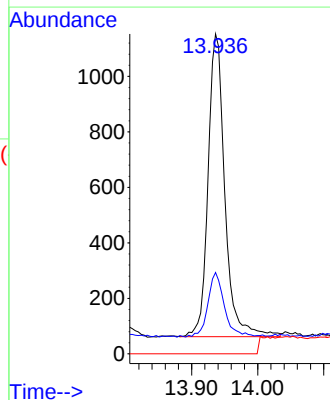
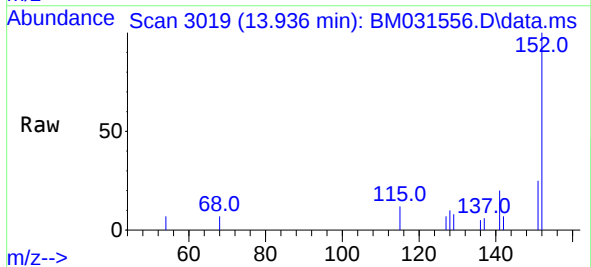
#8
1-Methylnaphthalene
Concen: 0.196 ng/ul
RT: 12.236 min Scan# 2641
Delta R.T. -0.004 min
Lab File: BM031556.D
Acq: 07 Aug 2021 17:54

Tgt Ion:142 Resp: 2147
Ion Ratio Lower Upper
142 100
141 93.3 74.1 111.1



#10
Acenaphthylene
Concen: 0.145 ng/ul
RT: 13.936 min Scan# 3019
Delta R.T. -0.004 min
Lab File: BM031556.D
Acq: 07 Aug 2021 17:54

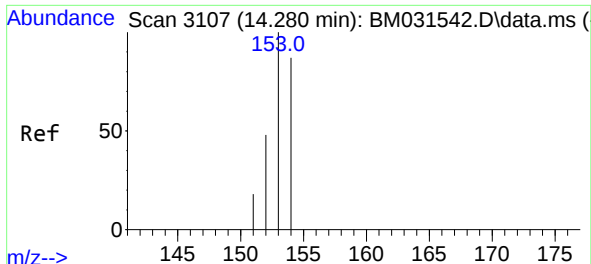
Tgt Ion:152 Resp: 1859
Ion Ratio Lower Upper
152 100
151 25.4 16.9 25.3#
153 0.0 0.0 0.0



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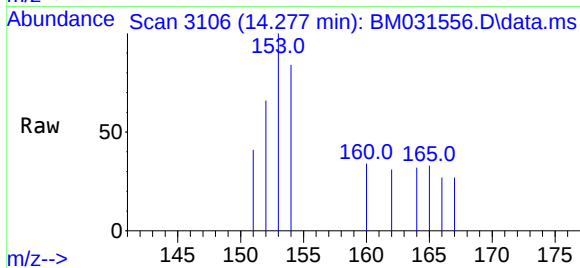
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#11
Acenaphthene
Concen: 0.037 ng/ul m
RT: 14.277 min Scan# 3106
Delta R.T. -0.007 min
Lab File: BM031556.D
Acq: 07 Aug 2021 17:54

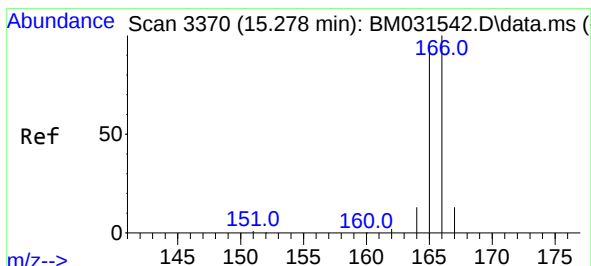
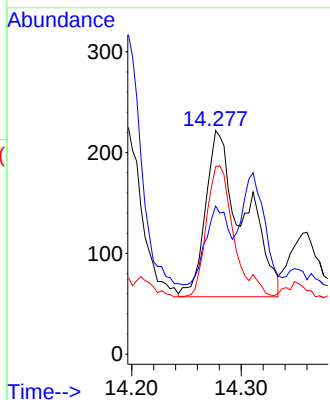
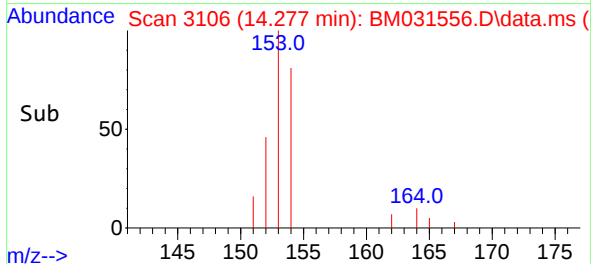
Instrument :
BNA_M
ClientSampled :
C0086DL



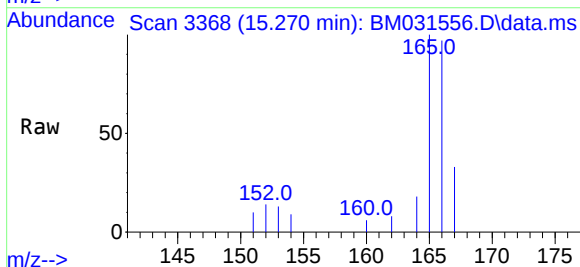
Tgt Ion:153 Resp: 397
Ion Ratio Lower Upper
153 100
152 66.2 40.7 61.1#
154 83.8 70.2 105.2

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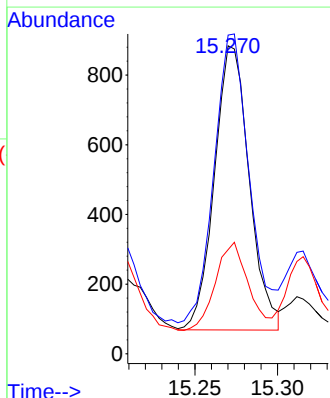
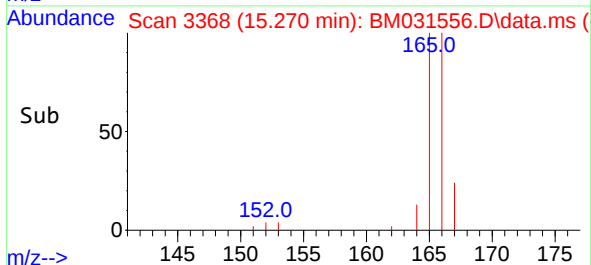
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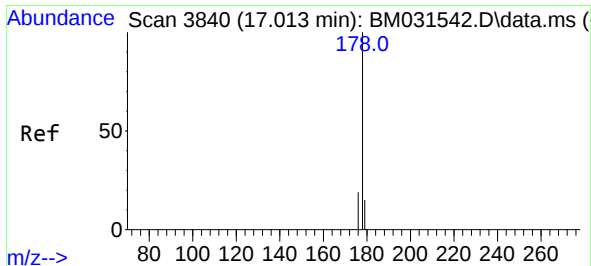


#12
Fluorene
Concen: 0.096 ng/ul
RT: 15.270 min Scan# 3368
Delta R.T. -0.004 min
Lab File: BM031556.D
Acq: 07 Aug 2021 17:54

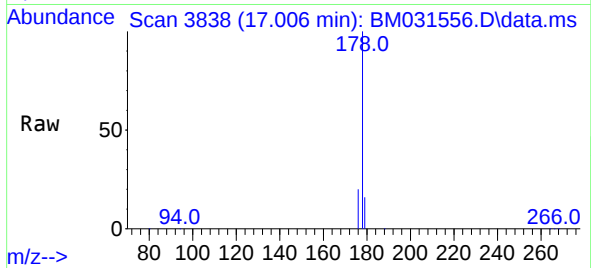


Tgt Ion:166 Resp: 1196
Ion Ratio Lower Upper
166 100
165 103.5 78.0 117.0
167 33.8 12.0 18.0#

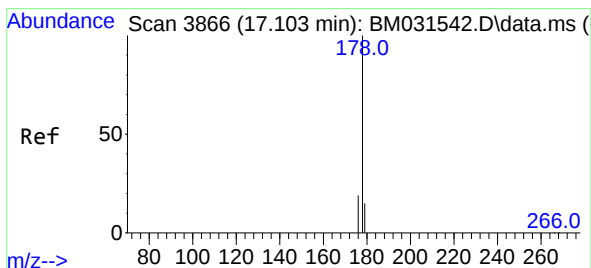
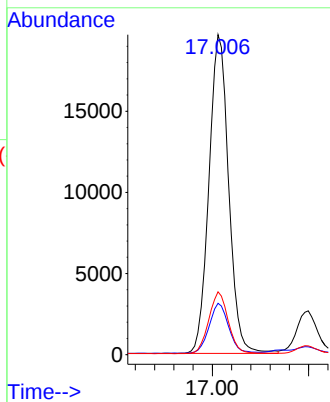
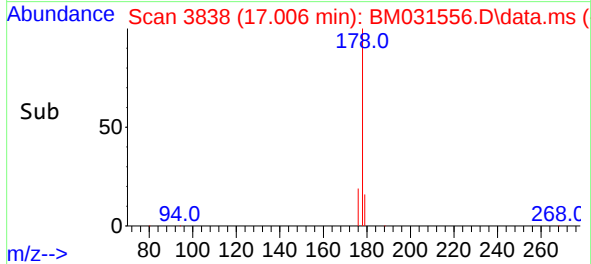




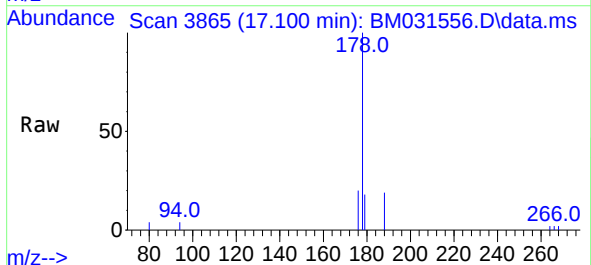
#15
Phenanthrene
Concen: 1.539 ng/u1
RT: 17.006 min Scan# 3838
Delta R.T. -0.007 min
Lab File: BM031556.D
Acq: 07 Aug 2021 17:54



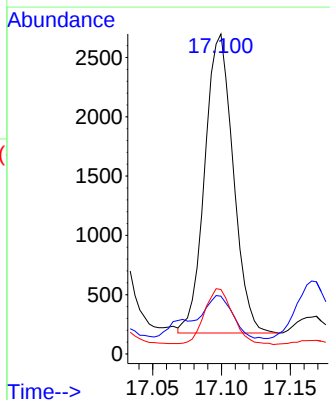
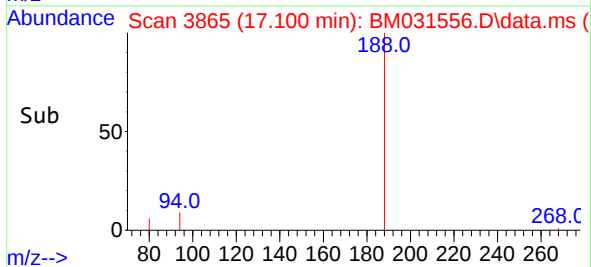
Tgt Ion:178 Resp: 27893
Ion Ratio Lower Upper
178 100
179 16.0 13.3 19.9
176 19.6 16.2 24.4



#16
Anthracene
Concen: 0.214 ng/u1
RT: 17.100 min Scan# 3865
Delta R.T. -0.003 min
Lab File: BM031556.D
Acq: 07 Aug 2021 17:54



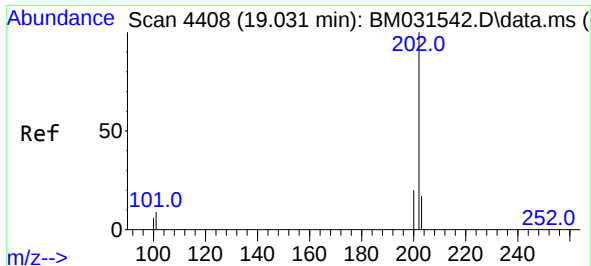
Tgt Ion:178 Resp: 3627
Ion Ratio Lower Upper
178 100
179 18.0 13.0 19.6
176 20.2 15.6 23.4



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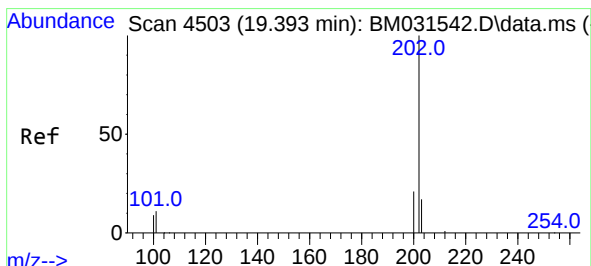
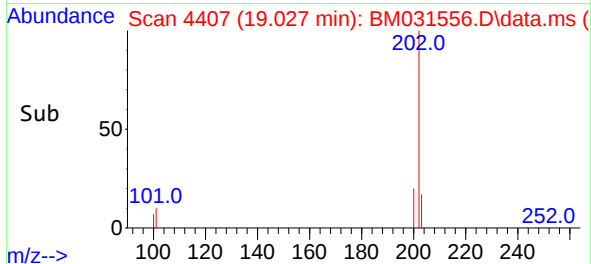
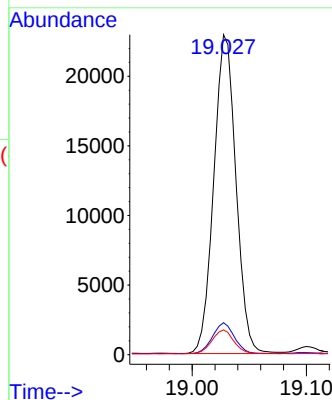
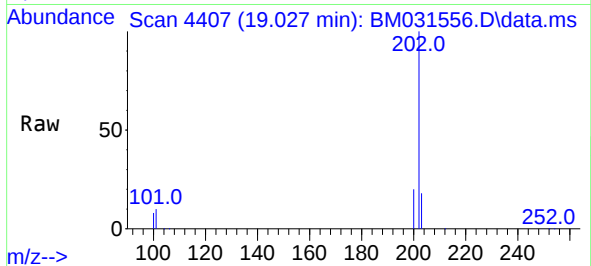
#19
Fluoranthene
Concen: 1.523 ng/u1
RT: 19.027 min Scan# 4407
Delta R.T. -0.004 min
Lab File: BM031556.D
Acq: 07 Aug 2021 17:54

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.0	6.6	10.0#
100	7.8	5.4	8.0

Instrument :
BNA_M
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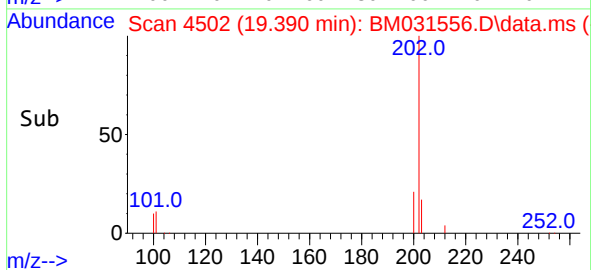
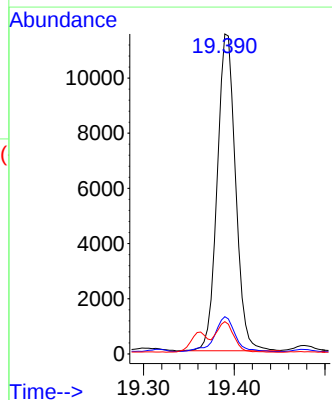
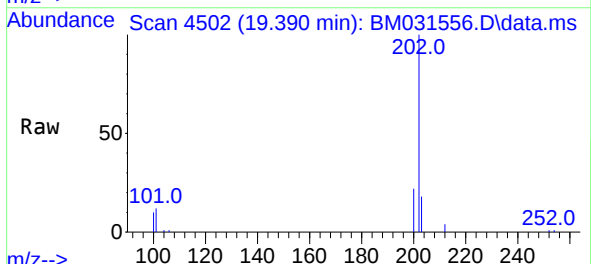
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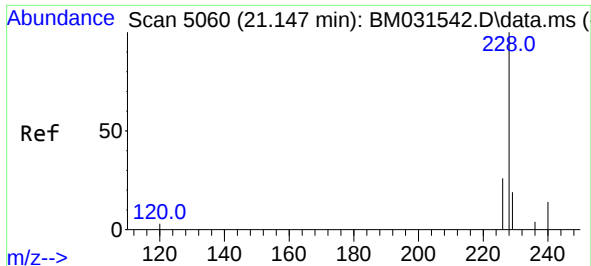
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#20
Pyrene
Concen: 0.786 ng/u1
RT: 19.390 min Scan# 4502
Delta R.T. -0.008 min
Lab File: BM031556.D
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Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.6	7.8	11.6
100	10.1	6.6	10.0#





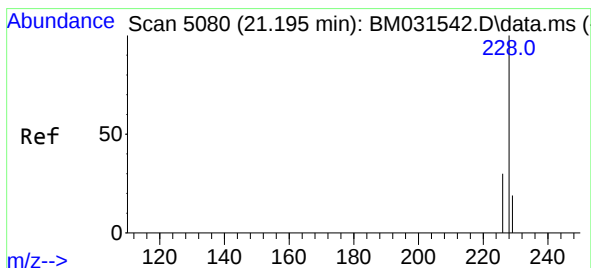
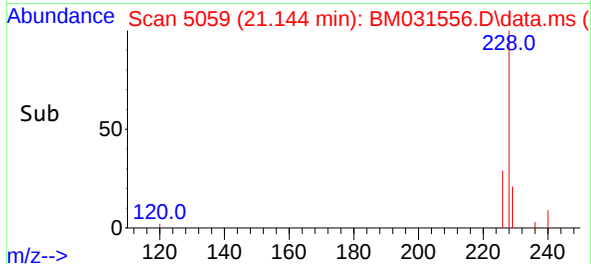
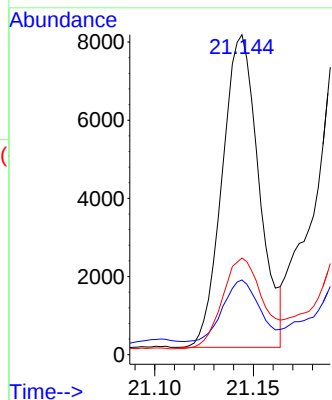
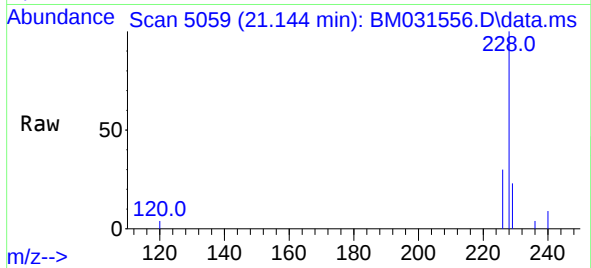
#21
Benzo(a)anthracene
Concen: 0.541 ng/ul
RT: 21.144 min Scan# 5059
Delta R.T. -0.007 min
Lab File: BM031556.D
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Tgt Ion:	228	Resp:	10367
Ion Ratio	Lower	Upper	
228	100		
229	23.3	15.6	23.4
226	30.2	21.7	32.5

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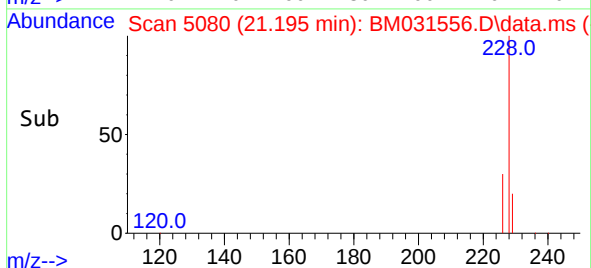
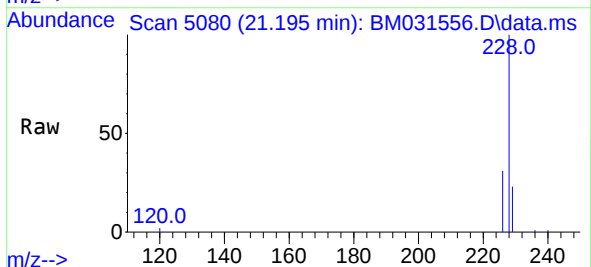
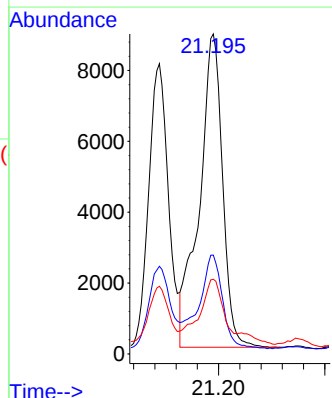
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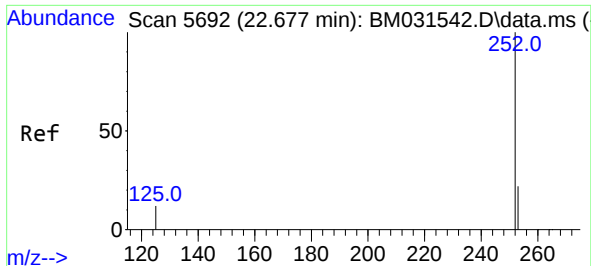
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#22
Chrysene
Concen: 0.680 ng/ul
RT: 21.195 min Scan# 5080
Delta R.T. -0.005 min
Lab File: BM031556.D
Acq: 07 Aug 2021 17:54

Tgt Ion:	228	Resp:	13478
Ion Ratio	Lower	Upper	
228	100		
226	30.9	24.7	37.1
229	23.4	16.2	24.2





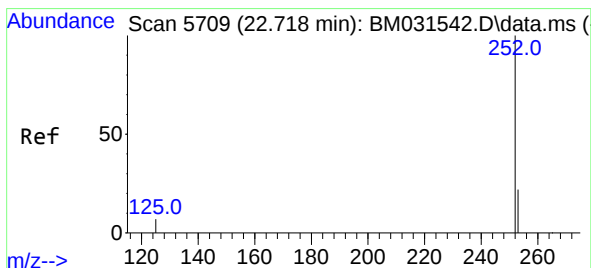
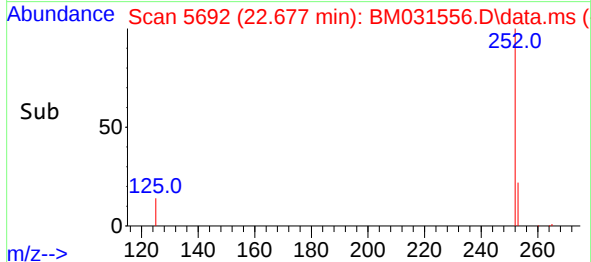
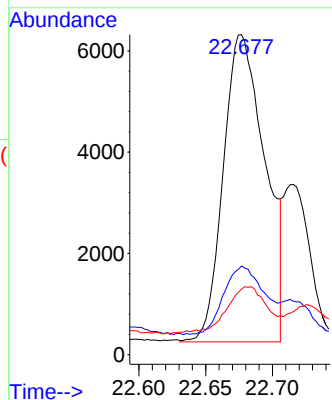
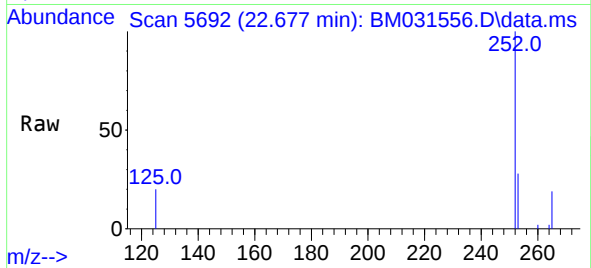
#24
Benzo(b)fluoranthene
Concen: 0.619 ng/ul m
RT: 22.677 min Scan# 5692
Delta R.T. -0.005 min
Lab File: BM031556.D
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Tgt Ion:	252	Resp:	13208
Ion Ratio	Lower	Upper	
252	100		
253	27.7	0.0	53.0
125	20.4	0.0	22.8

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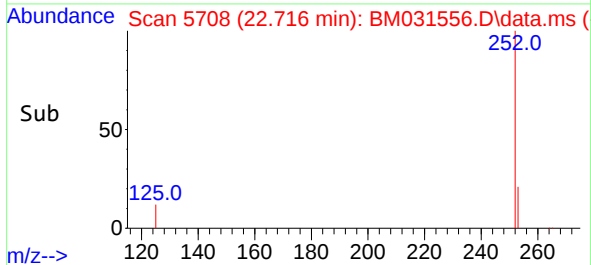
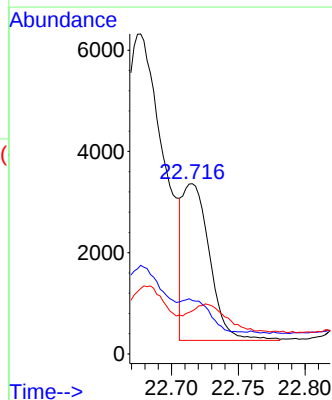
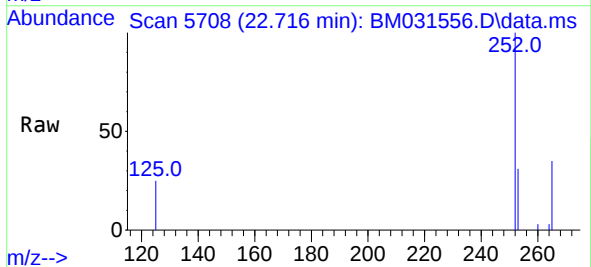
Manual Integrations
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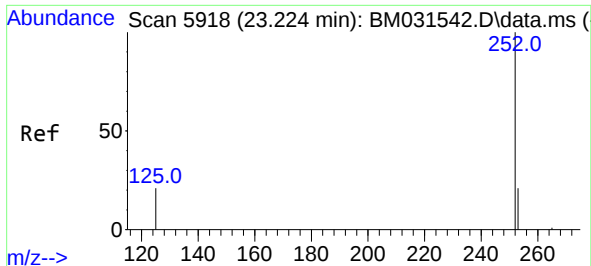
mohammad
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#25
Benzo(k)fluoranthene
Concen: 0.197 ng/ul m
RT: 22.716 min Scan# 5708
Delta R.T. -0.007 min
Lab File: BM031556.D
Acq: 07 Aug 2021 17:54

Tgt Ion:	252	Resp:	4351
Ion Ratio	Lower	Upper	
252	100		
253	31.3	21.3	31.9
125	25.2	8.8	13.2#





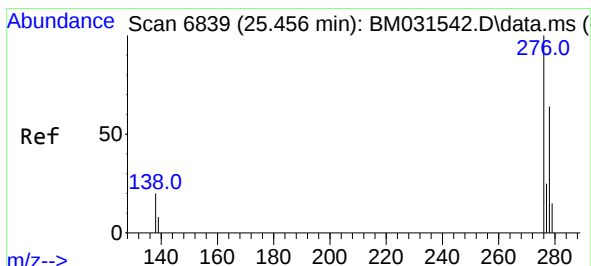
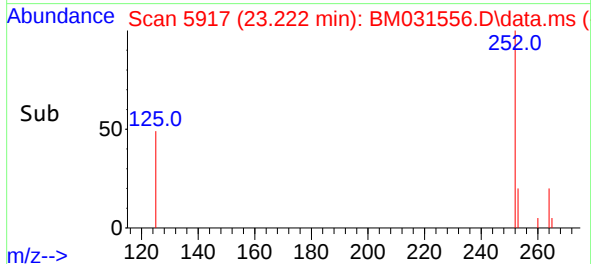
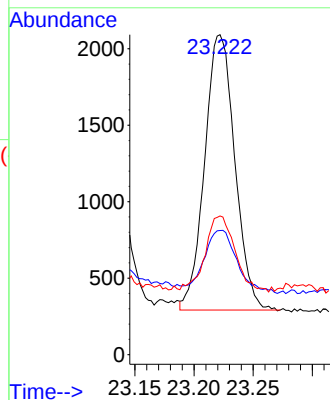
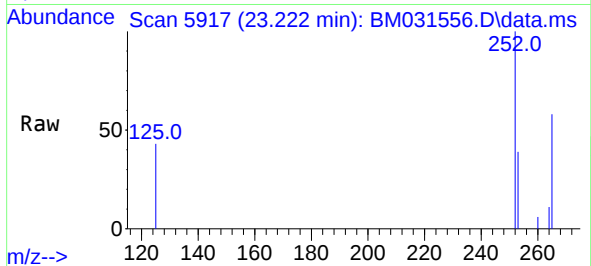
#26
Benzo(a)pyrene
Concen: 0.171 ng/ul
RT: 23.222 min Scan# 5917
Delta R.T. -0.010 min
Lab File: BM031556.D
Acq: 07 Aug 2021 17:54

Tgt Ion:	252	Resp:	3200
Ion Ratio	Lower	Upper	
252	100		
253	38.8	22.4	33.6#
125	43.4	13.0	19.4#

Instrument :
BNA_M
ClientSampled :
C0086DL

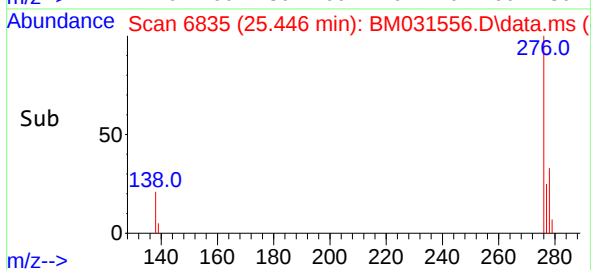
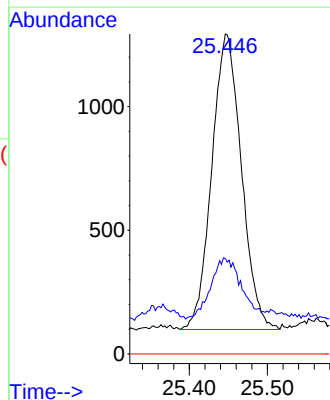
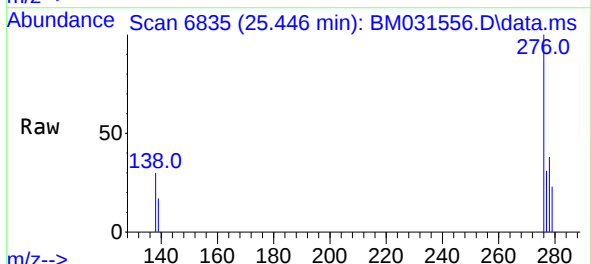
Manual Integrations
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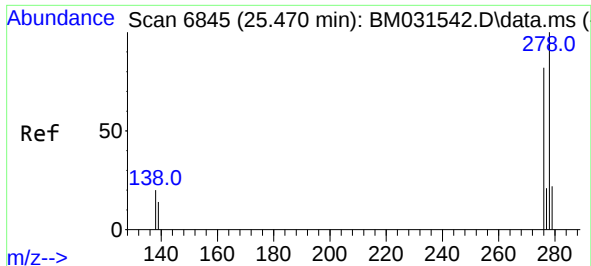
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#27
Indeno(1,2,3-cd)pyrene
Concen: 0.130 ng/ul
RT: 25.446 min Scan# 6835
Delta R.T. -0.017 min
Lab File: BM031556.D
Acq: 07 Aug 2021 17:54

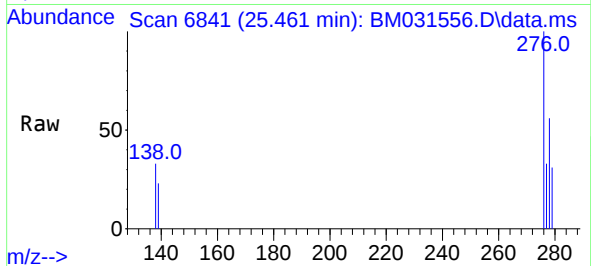
Tgt Ion:	276	Resp:	3145
Ion Ratio	Lower	Upper	
276	100		
138	23.1	15.8	23.8
227	0.0	0.0	0.0





#28
 Dibenzo(a,h)anthracene
 Concen: 0.077 ng/ul
 RT: 25.461 min Scan# 6841
 Delta R.T. -0.014 min
 Lab File: BM031556.D
 Acq: 07 Aug 2021 17:54

Instrument :
 BNA_M
 ClientSampleId :
 C0086DL



Tgt Ion:278 Resp: 1499
 Ion Ratio Lower Upper
 278 100
 139 41.2 13.3 19.9#
 279 55.5 22.8 34.2#

Manual Integrations
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