

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080921\
 Data File : BM031615.D
 Acq On : 09 Aug 2021 22:21
 Operator : CG/JU
 Sample : M3169-21
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C00C0

Manual Integrations
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Quant Time: Aug 10 02:55:31 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 : Tue Aug 10 02:43:39 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.580	152	1349	0.400	ng/ul	0.00
4) Naphthalene-d8	10.338	136	4998	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.208	164	3272	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.961	188	5362	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.161	240	4824	0.400	ng/ul	# 0.00
23) Perylene-d12	23.324	264	4860	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.185	96	2701	1.803	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.930	152	1661	0.197	ng/ul	0.00
18) Fluoranthene-d10	18.997	212	3503	0.218	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.387	128	10161	0.682	ng/ul	100
7) 2-Methylnaphthalene	12.007	142	12187	1.198	ng/ul	100
8) 1-Methylnaphthalene	12.227	142	9069	0.902	ng/ul	99
10) Acenaphthylene	13.932	152	65707	4.715	ng/ul	98
11) Acenaphthene	14.273	153	6606	0.563	ng/ul	99
12) Fluorene	15.266	166	50888	3.770	ng/ul	99
15) Phenanthrene	17.002	178	545561	32.042	ng/ul	98
16) Anthracene	17.093	178	113486	7.119	ng/ul	99
19) Fluoranthene	19.027	202	711468	34.539	ng/ul	96
20) Pyrene	19.393	202	525308	25.143	ng/ul	97
21) Benzo(a)anthracene	21.144	228	275173	14.126	ng/ul	93
22) Chrysene	21.195	228	264986m	13.148	ng/ul	
24) Benzo(b)fluoranthene	22.686	252	275744m	12.593	ng/ul	
25) Benzo(k)fluoranthene	22.720	252	96637m	4.271	ng/ul	
26) Benzo(a)pyrene	23.232	252	179690	9.370	ng/ul#	92
27) Indeno(1,2,3-cd)pyrene	25.470	276	115613	4.664	ng/ul#	98
28) Dibenzo(a,h)anthracene	25.475	278	34331	1.718	ng/ul#	64
29) Benzo(g,h,i)perylene	26.122	276	26681	1.262	ng/ul#	73

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

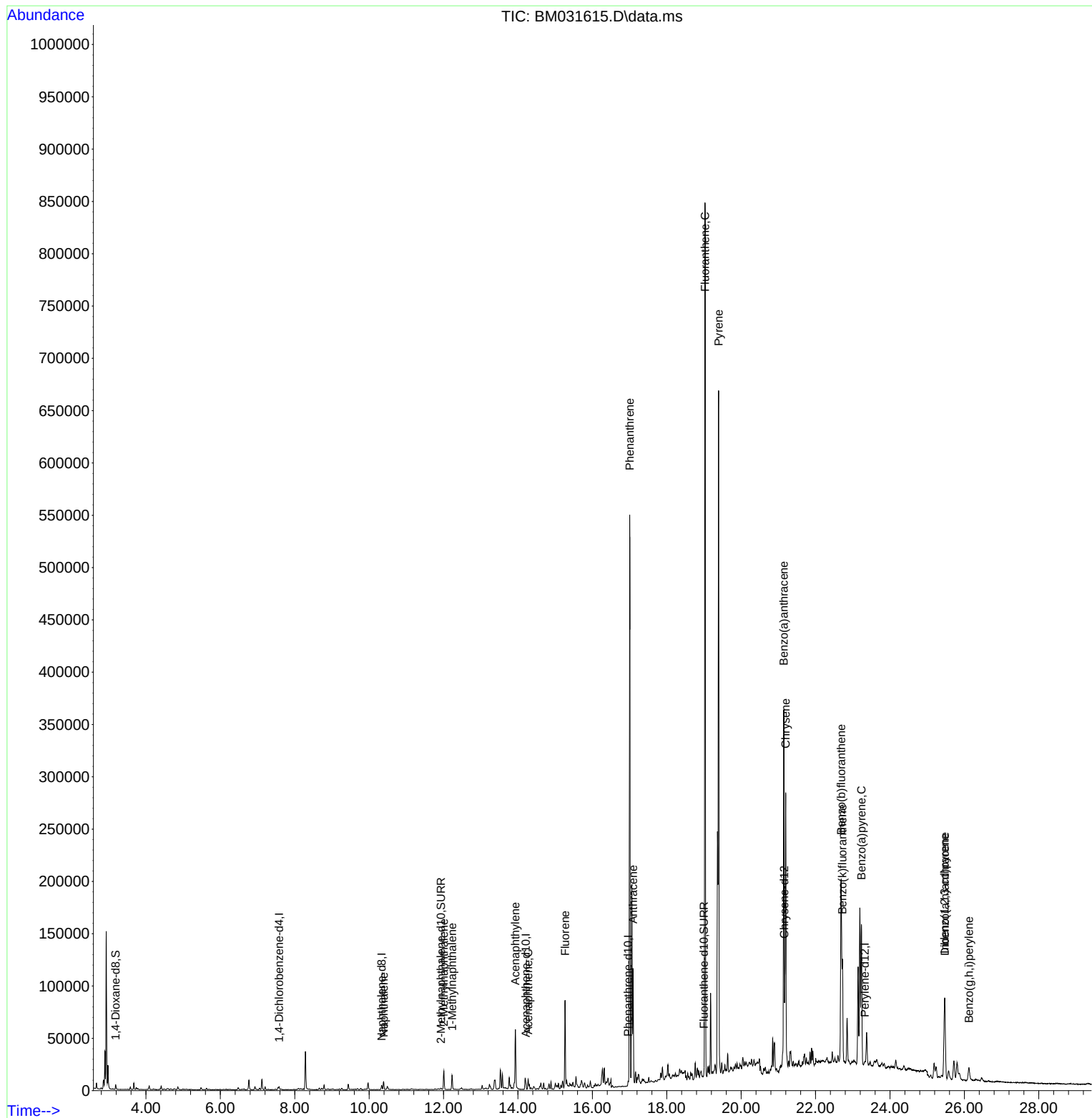
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080921\
Data File : BM031615.D
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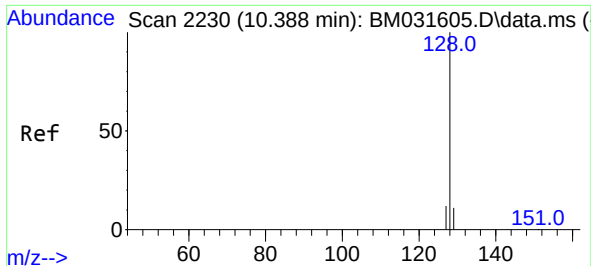
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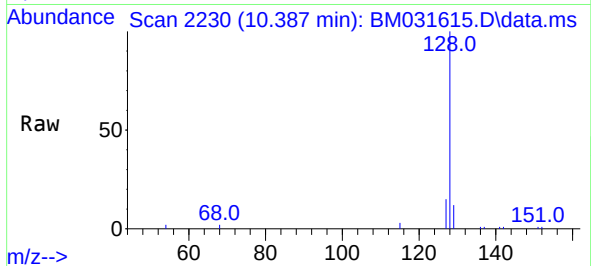
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Quant Time: Aug 10 02:55:31 2021
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Response via : Initial Calibration

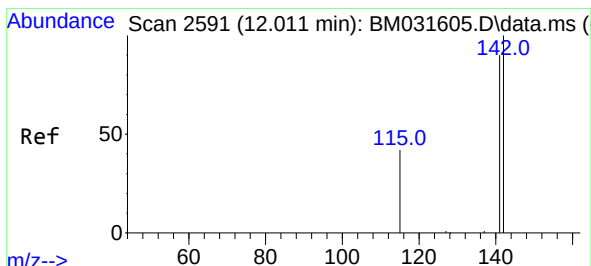
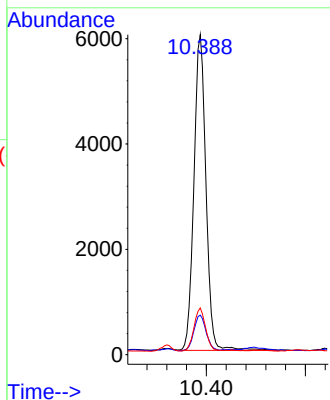
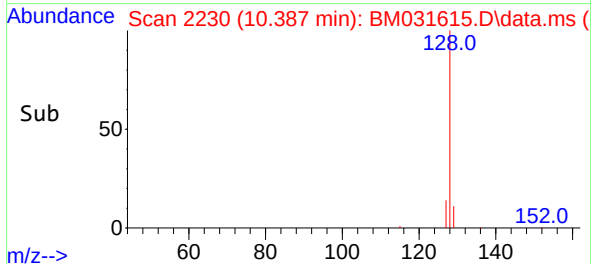




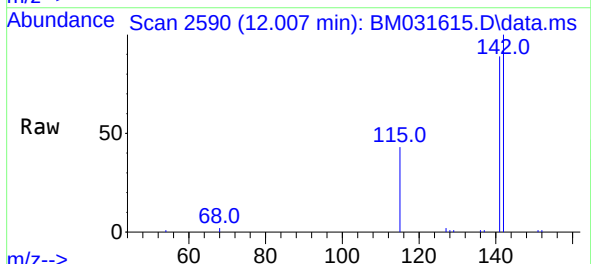
#5
Naphthalene
Concen: 0.682 ng/ul
RT: 10.387 min Scan# 2230
Delta R.T. -0.000 min
Lab File: BM031615.D
Acq: 09 Aug 2021 22:21



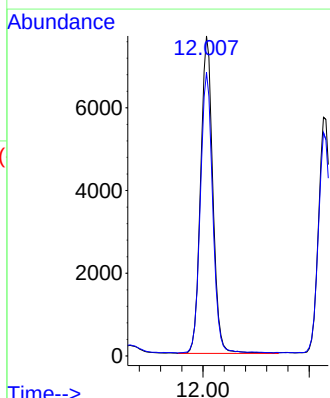
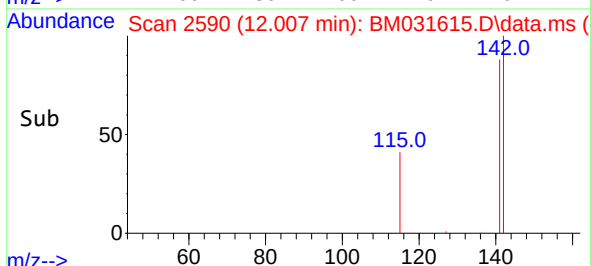
Tgt Ion:	128	Resp:	10161
Ion	Ratio	Lower	Upper
128	100		
129	12.3	10.0	15.0
127	14.6	11.6	17.4



#7
2-Methylnaphthalene
Concen: 1.198 ng/ul
RT: 12.007 min Scan# 2590
Delta R.T. -0.005 min
Lab File: BM031615.D
Acq: 09 Aug 2021 22:21



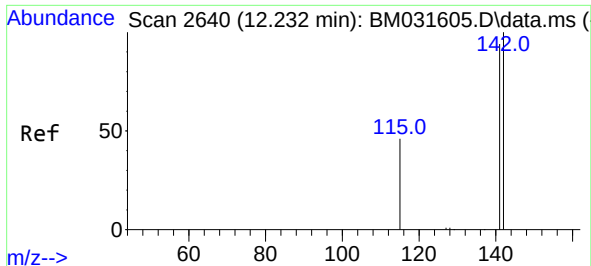
Tgt Ion:	142	Resp:	12187
Ion	Ratio	Lower	Upper
142	100		
141	89.4	71.4	107.0



Instrument :
BNA_M
ClientSampleId :
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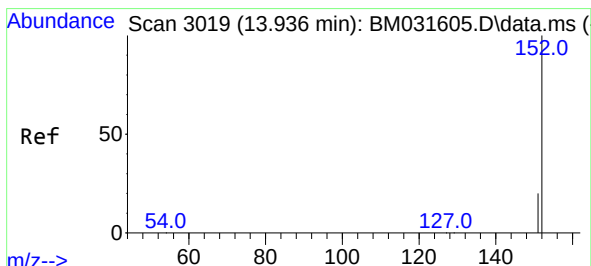
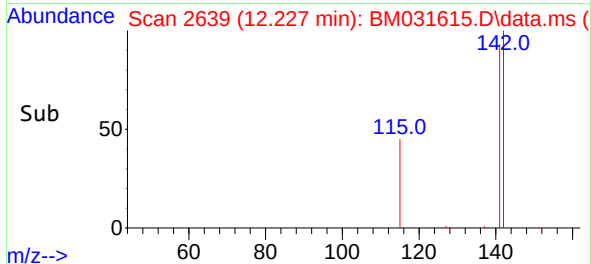
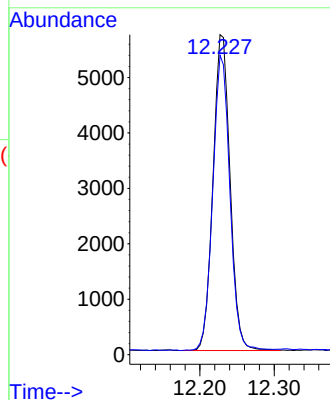
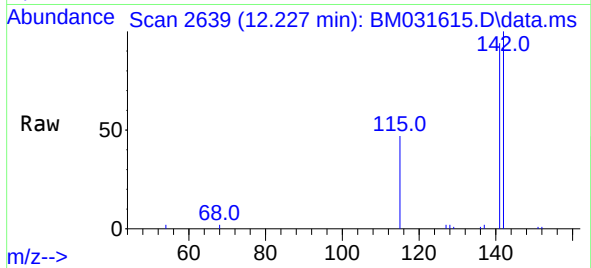
#8
1-Methylnaphthalene
Concen: 0.902 ng/ul
RT: 12.227 min Scan# 2639
Delta R.T. -0.005 min
Lab File: BM031615.D
Acq: 09 Aug 2021 22:21

Tgt Ion:142 Resp: 9069
Ion Ratio Lower Upper
142 100
141 93.8 74.1 111.1

Instrument :
BNA_M
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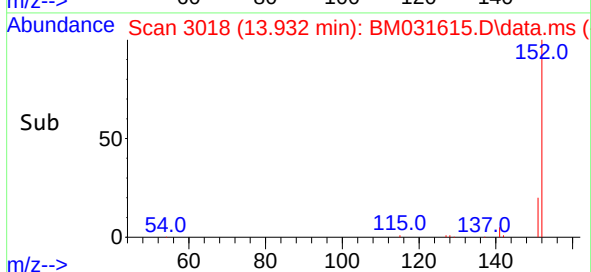
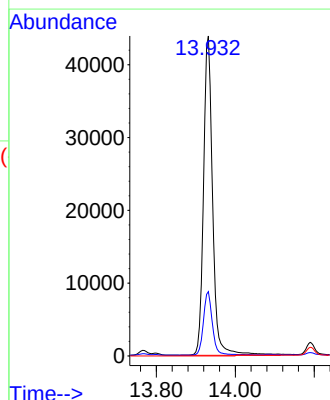
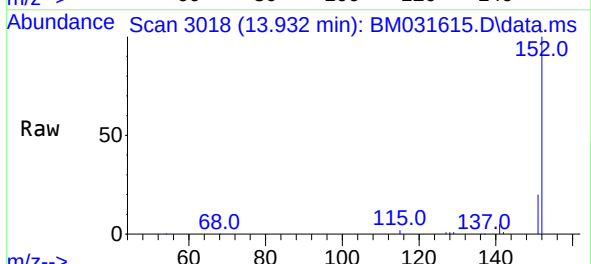
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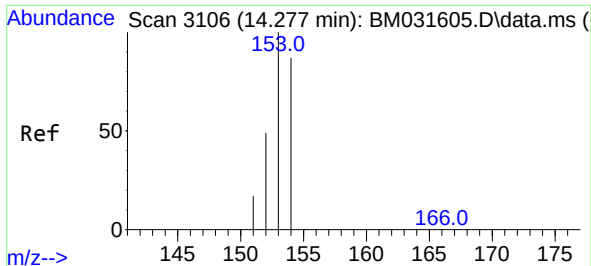
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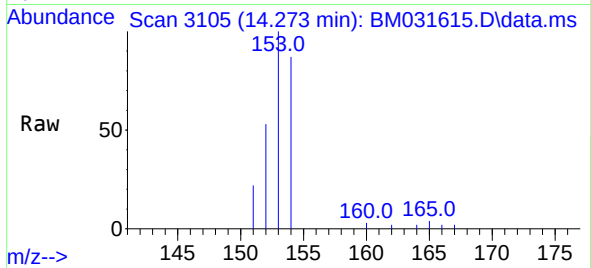
#10
Acenaphthylene
Concen: 4.715 ng/ul
RT: 13.932 min Scan# 3018
Delta R.T. -0.000 min
Lab File: BM031615.D
Acq: 09 Aug 2021 22:21

Tgt Ion:152 Resp: 65707
Ion Ratio Lower Upper
152 100
151 20.1 16.9 25.3
153 0.0 0.0 0.0

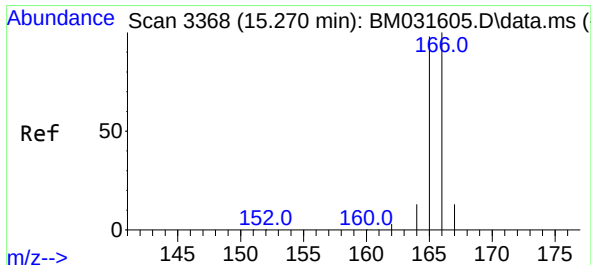
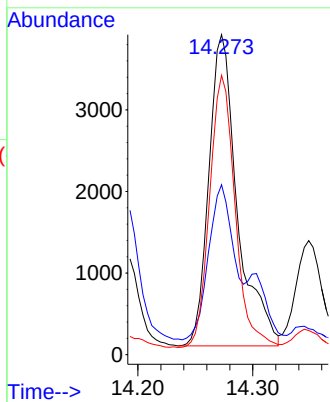
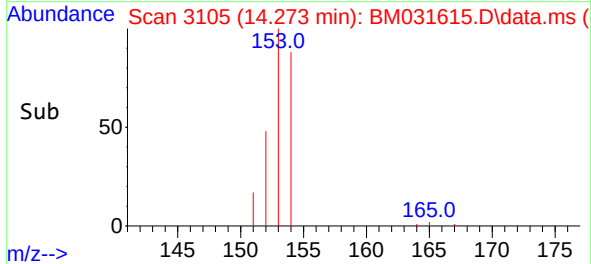




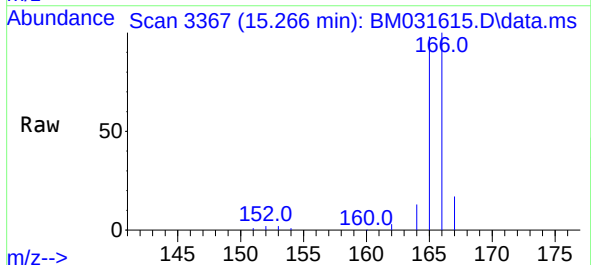
#11
Acenaphthene
Concen: 0.563 ng/ul
RT: 14.273 min Scan# 3105
Delta R.T. -0.004 min
Lab File: BM031615.D
Acq: 09 Aug 2021 22:21



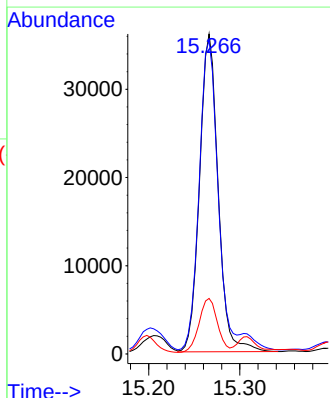
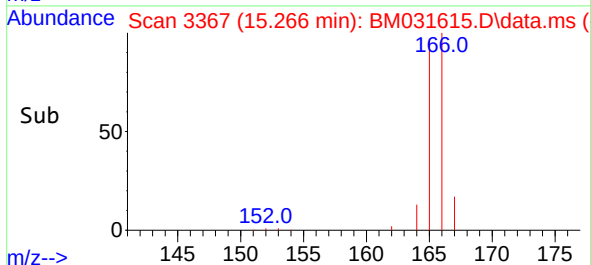
Tgt Ion:153 Resp: 6606
Ion Ratio Lower Upper
153 100
152 53.1 40.7 61.1
154 87.3 70.2 105.2



#12
Fluorene
Concen: 3.770 ng/ul
RT: 15.266 min Scan# 3367
Delta R.T. -0.004 min
Lab File: BM031615.D
Acq: 09 Aug 2021 22:21



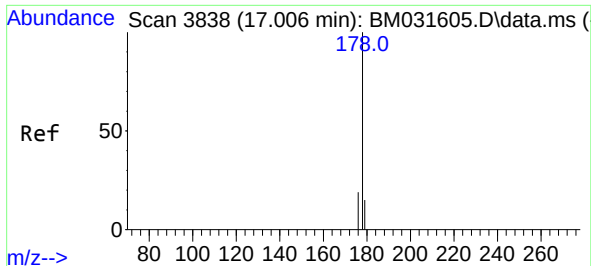
Tgt Ion:166 Resp: 50888
Ion Ratio Lower Upper
166 100
165 98.0 78.0 117.0
167 17.4 12.0 18.0



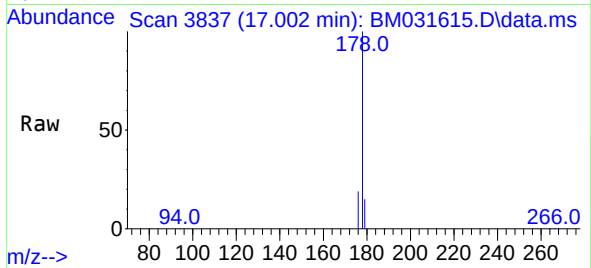
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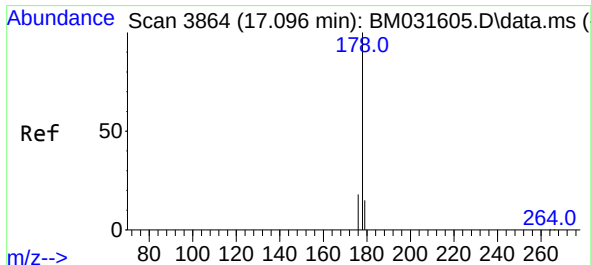
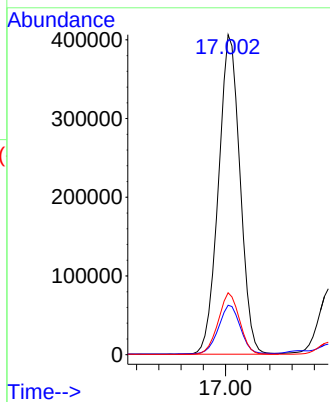
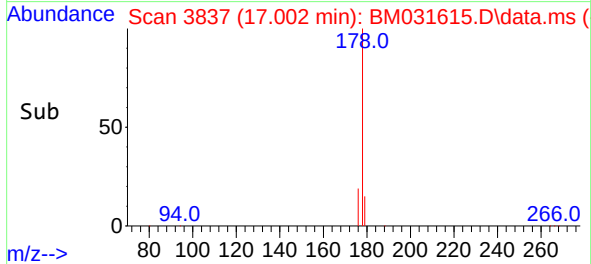
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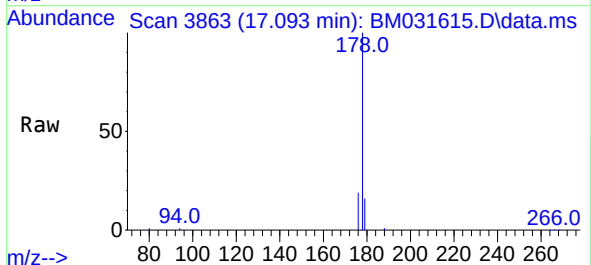
#15
Phenanthrene
Concen: 32.042 ng/ul
RT: 17.002 min Scan# 3837
Delta R.T. -0.007 min
Lab File: BM031615.D
Acq: 09 Aug 2021 22:21



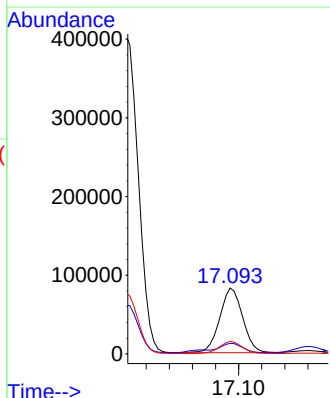
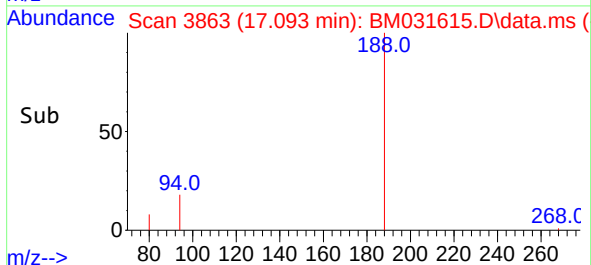
Tgt Ion:178 Resp: 545561
Ion Ratio Lower Upper
178 100
179 15.4 13.3 19.9
176 19.3 16.2 24.4



#16
Anthracene
Concen: 7.119 ng/ul
RT: 17.093 min Scan# 3863
Delta R.T. -0.011 min
Lab File: BM031615.D
Acq: 09 Aug 2021 22:21



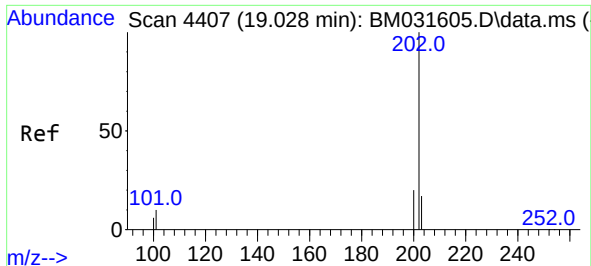
Tgt Ion:178 Resp: 113486
Ion Ratio Lower Upper
178 100
179 16.2 13.0 19.6
176 18.9 15.6 23.4



Instrument :
BNA_M
ClientSampled :
C00C0

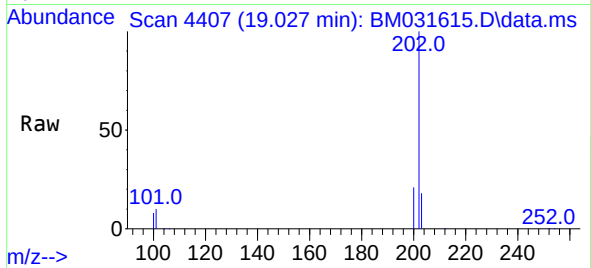
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#19
Fluoranthene
Concen: 34.539 ng/u1
RT: 19.027 min Scan# 4407
Delta R.T. -0.000 min
Lab File: BM031615.D
Acq: 09 Aug 2021 22:21

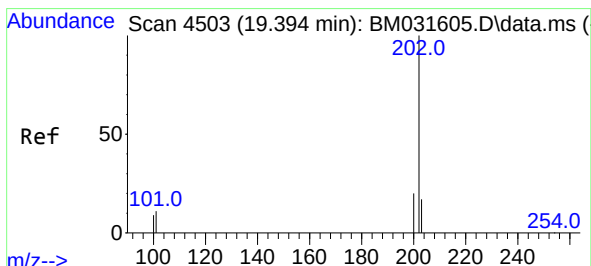
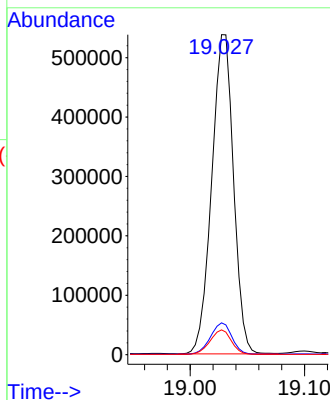
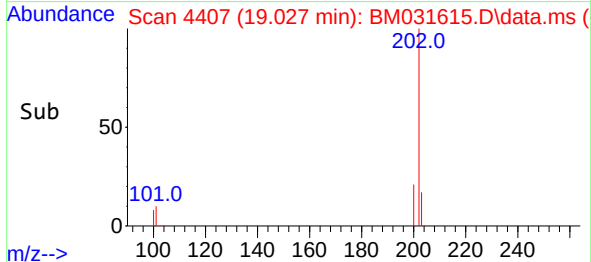
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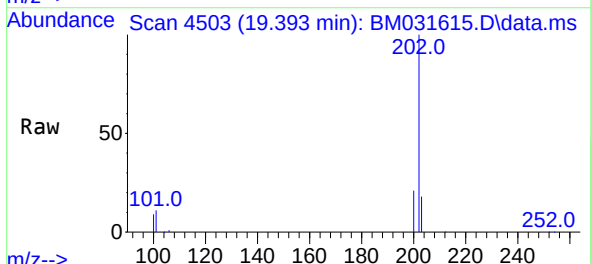
Tgt Ion:202 Resp: 711468
Ion Ratio Lower Upper
202 100
101 10.0 6.6 10.0
100 7.8 5.4 8.0

Manual Integrations
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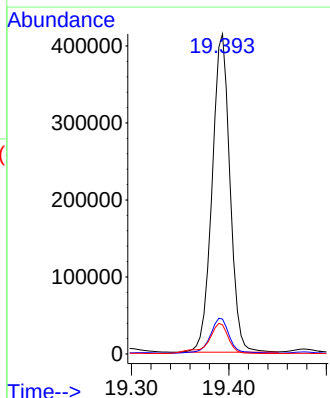
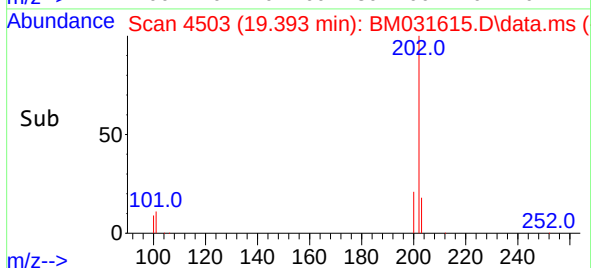
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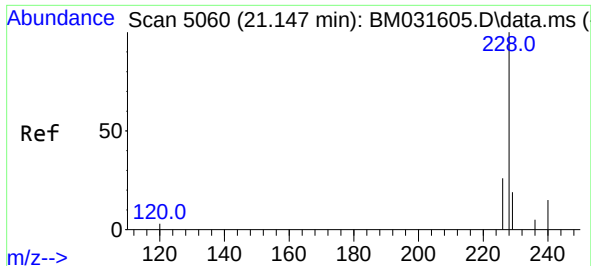


#20
Pyrene
Concen: 25.143 ng/u1
RT: 19.393 min Scan# 4503
Delta R.T. -0.000 min
Lab File: BM031615.D
Acq: 09 Aug 2021 22:21



Tgt Ion:202 Resp: 525308
Ion Ratio Lower Upper
202 100
101 10.9 7.8 11.6
100 9.1 6.6 10.0





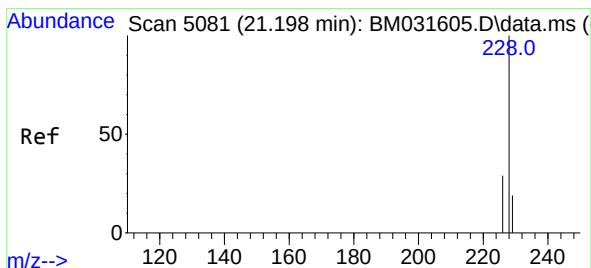
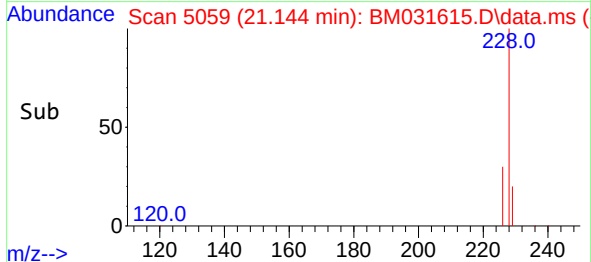
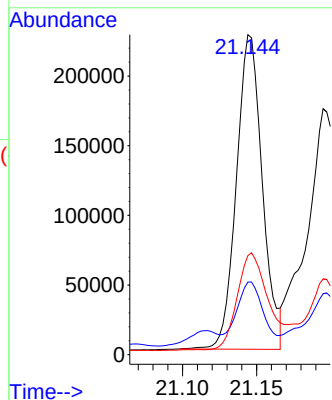
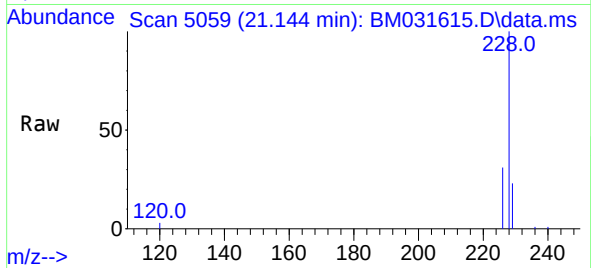
#21
Benzo(a)anthracene
Concen: 14.126 ng/ul
RT: 21.144 min Scan# 5059
Delta R.T. -0.003 min
Lab File: BM031615.D
Acq: 09 Aug 2021 22:21

Tgt	Ion:228	Resp:	275173
Ion	Ratio	Lower	Upper
228	100		
229	22.7	15.6	23.4
226	31.0	21.7	32.5

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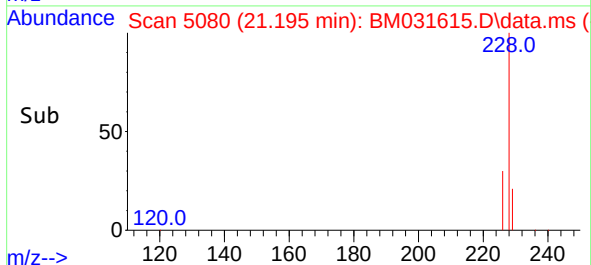
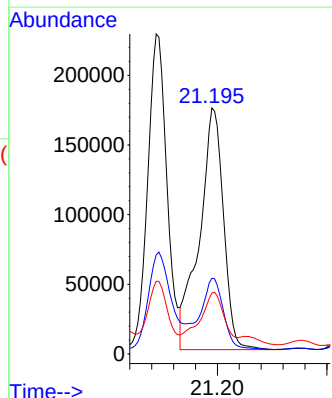
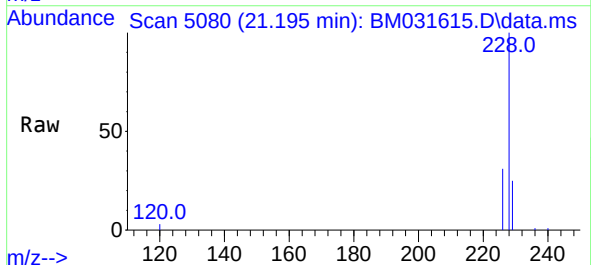
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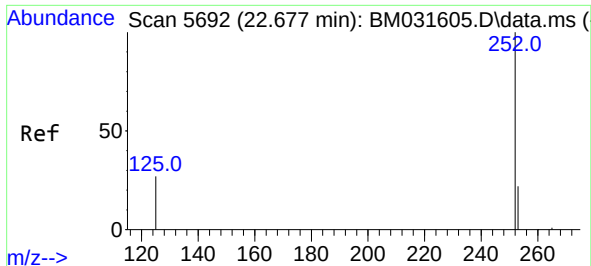
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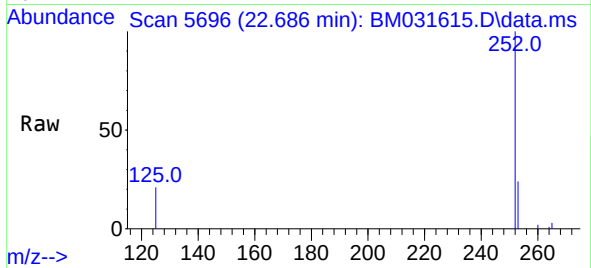
#22
Chrysene
Concen: 13.148 ng/ul m
RT: 21.195 min Scan# 5080
Delta R.T. -0.000 min
Lab File: BM031615.D
Acq: 09 Aug 2021 22:21

Tgt Ion:228	Resp: 264986		
Ion Ratio	Lower	Upper	
228 100			
226 30.8	24.7	37.1	
229 24.8	16.2	24.2#	

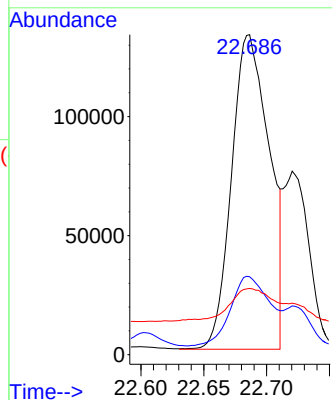




#24
Benzo(b)fluoranthene
Concen: 12.593 ng/ul m
RT: 22.686 min Scan# 5696
Delta R.T. 0.009 min
Lab File: BM031615.D
Acq: 09 Aug 2021 22:21



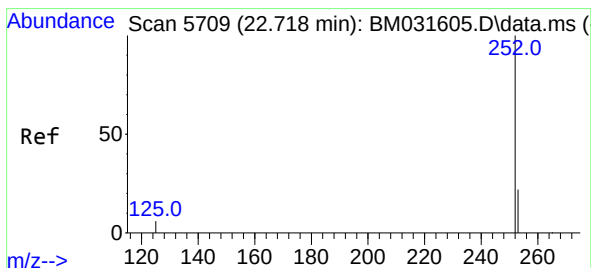
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Ion Ratio Lower Upper
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253 24.3 0.0 53.0
125 20.7 0.0 22.8



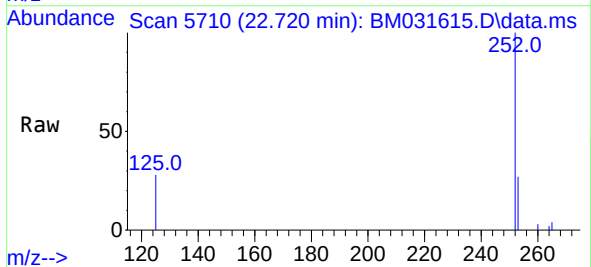
Instrument :
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ClientSampled :
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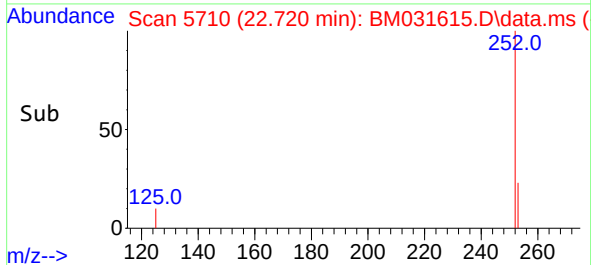
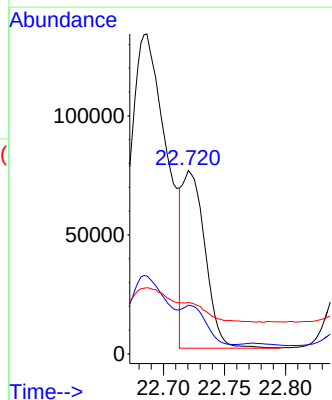
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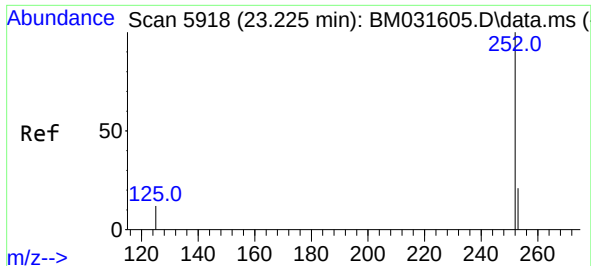


#25
Benzo(k)fluoranthene
Concen: 4.271 ng/ul m
RT: 22.720 min Scan# 5710
Delta R.T. -0.000 min
Lab File: BM031615.D
Acq: 09 Aug 2021 22:21

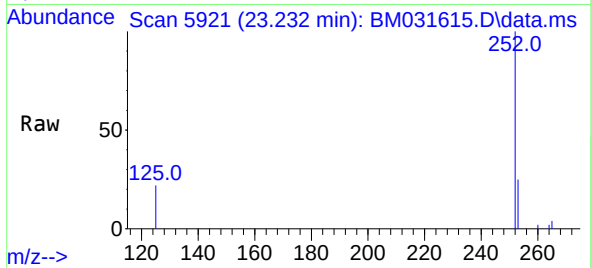


Tgt Ion:252 Resp: 96637
Ion Ratio Lower Upper
252 100
253 26.6 21.3 31.9
125 28.0 8.8 13.2#

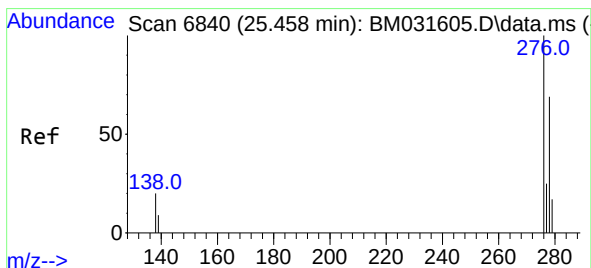
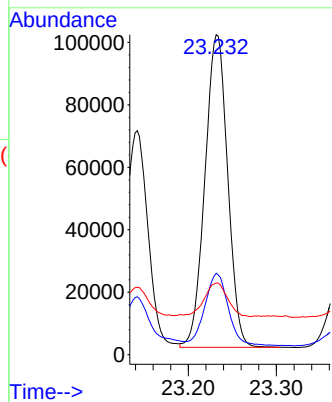
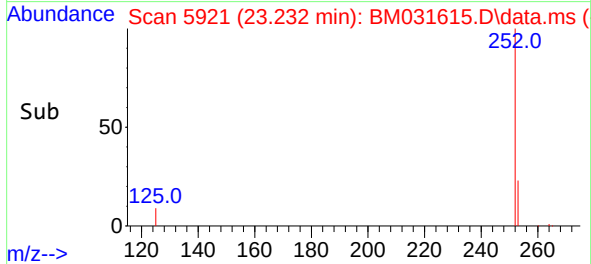




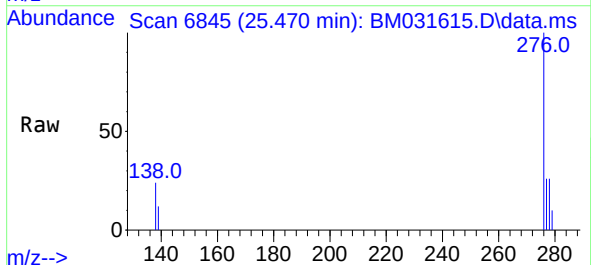
#26
Benzo(a)pyrene
Concen: 9.370 ng/ul
RT: 23.232 min Scan# 5921
Delta R.T. 0.007 min
Lab File: BM031615.D
Acq: 09 Aug 2021 22:21



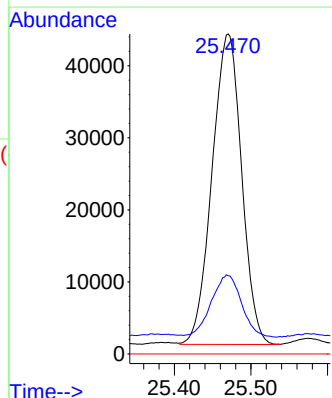
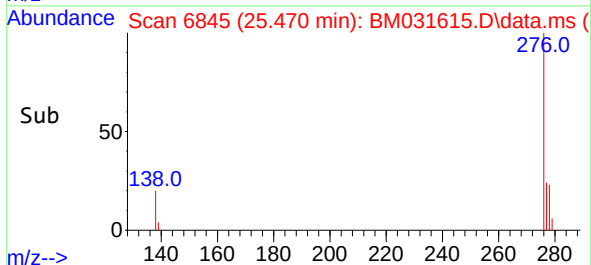
Tgt Ion:252 Resp: 179690
Ion Ratio Lower Upper
252 100
253 25.4 22.4 33.6
125 22.4 13.0 19.4#



#27
Indeno(1,2,3-cd)pyrene
Concen: 4.664 ng/ul
RT: 25.470 min Scan# 6845
Delta R.T. 0.017 min
Lab File: BM031615.D
Acq: 09 Aug 2021 22:21



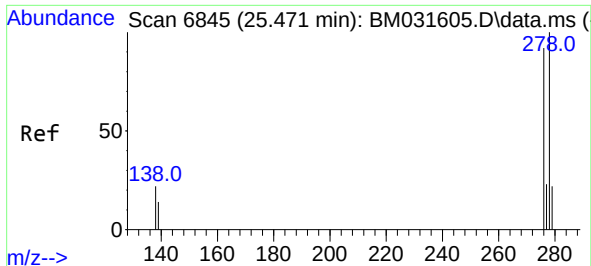
Tgt Ion:276 Resp: 115613
Ion Ratio Lower Upper
276 100
138 20.6 15.8 23.8
227 0.0 0.0 0.0



Instrument :
BNA_M
ClientSampled :
C00C0

Manual Integrations
APPROVED

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8/10/2021 4:36:27 PM



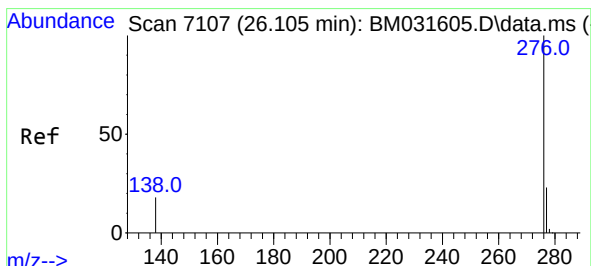
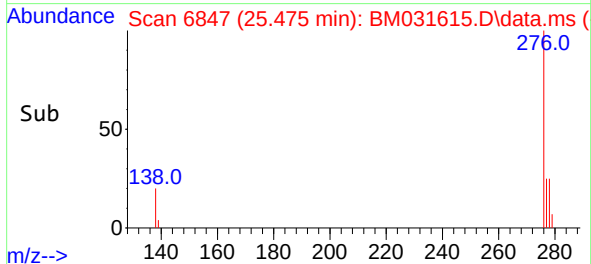
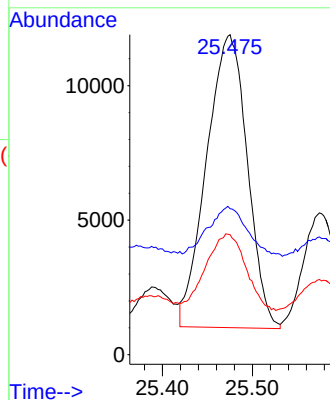
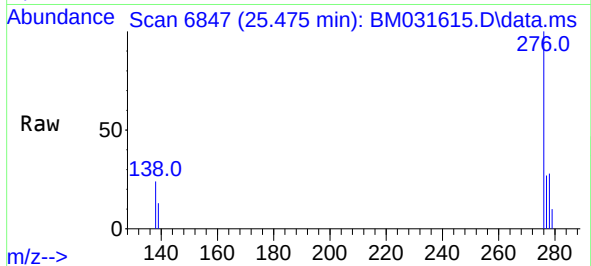
#28
Dibenzo(a,h)anthracene
Concen: 1.718 ng/ul
RT: 25.475 min Scan# 6847
Delta R.T. 0.007 min
Lab File: BM031615.D
Acq: 09 Aug 2021 22:21

Tgt Ion:278 Resp: 34331
Ion Ratio Lower Upper
278 100
139 45.6 13.3 19.9#
279 37.5 22.8 34.2#

Instrument :
BNA_M
ClientSampled :
C00C0

Manual Integrations
APPROVED

mohammad
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#29
Benzo(g,h,i)perylene
Concen: 1.262 ng/ul
RT: 26.122 min Scan# 7114
Delta R.T. 0.024 min
Lab File: BM031615.D
Acq: 09 Aug 2021 22:21

Tgt Ion:276 Resp: 26681
Ion Ratio Lower Upper
276 100
138 38.8 15.4 23.2#
277 32.6 19.9 29.9#

