

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080921\
 Data File : BM031649.D
 Acq On : 10 Aug 2021 19:54
 Operator : CG/JU
 Sample : M3169-21DL 5X
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C00C0DL

Manual Integrations
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mohammad
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Quant Time: Aug 11 05:58:13 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 18:36:58 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.576	152	1404	0.400	ng/ul	0.00
4) Naphthalene-d8	10.337	136	5271	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.208	164	3031	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.960	188	5839	0.400	ng/ul #	0.00
17) Chrysene-d12	21.156	240	4760	0.400	ng/ul #	0.00
23) Perylene-d12	23.314	264	4819	0.400	ng/ul #	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.189	96	511	0.328	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.929	152	238	0.027	ng/ul	0.00
18) Fluoranthene-d10	18.993	212	582	0.037	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.387	128	1813	0.115	ng/ul#	90
7) 2-Methylnaphthalene	12.010	142	2118	0.197	ng/ul	99
8) 1-Methylnaphthalene	12.231	142	1613	0.152	ng/ul	98
10) Acenaphthylene	13.931	152	12026	0.932	ng/ul	99
11) Acenaphthene	14.273	153	1226	0.113	ng/ul	95
12) Fluorene	15.266	166	9225	0.738	ng/ul#	97
15) Phenanthrene	17.002	178	103753	5.596	ng/ul	97
16) Anthracene	17.092	178	20236	1.166	ng/ul	99
19) Fluoranthene	19.023	202	136042	6.693	ng/ul	96
20) Pyrene	19.386	202	100175	4.859	ng/ul	96
21) Benzo(a)anthracene	21.139	228	51812	2.696	ng/ul	93
22) Chrysene	21.192	228	50688m	2.549	ng/ul	
24) Benzo(b)fluoranthene	22.674	252	53029m	2.442	ng/ul	
25) Benzo(k)fluoranthene	22.713	252	20743m	0.925	ng/ul	
26) Benzo(a)pyrene	23.219	252	34805	1.830	ng/ul#	92
27) Indeno(1,2,3-cd)pyrene	25.451	276	23104	0.940	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.453	278	6881	0.347	ng/ul#	56
29) Benzo(g,h,i)perylene	26.102	276	5341	0.255	ng/ul#	67

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

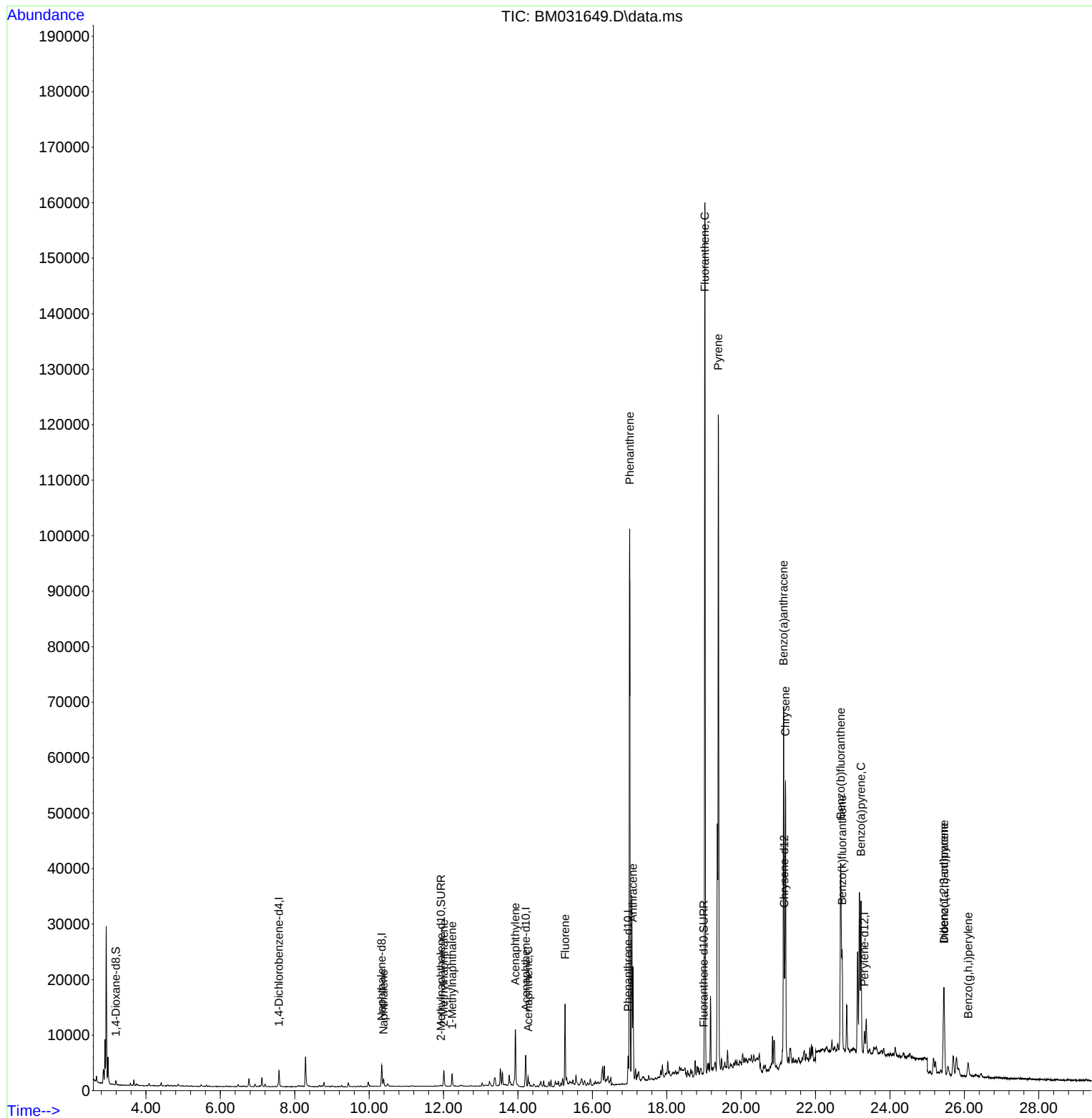
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080921\
Data File : BM031649.D
Acq On : 10 Aug 2021 19:54
Operator : CG/JU
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ALS Vial : 57 Sample Multiplier: 1

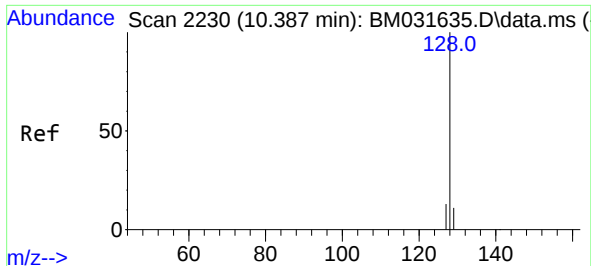
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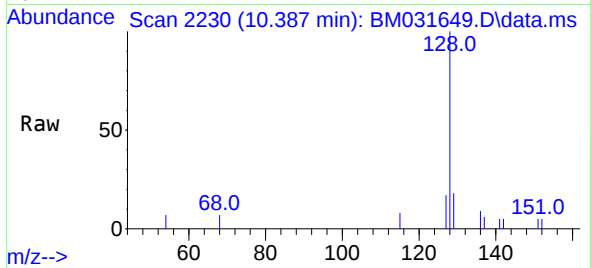
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Quant Time: Aug 11 05:58:13 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 10 18:36:58 2021
Response via : Initial Calibration

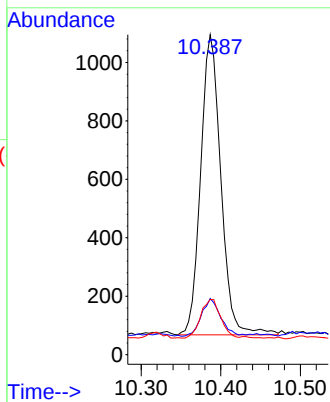
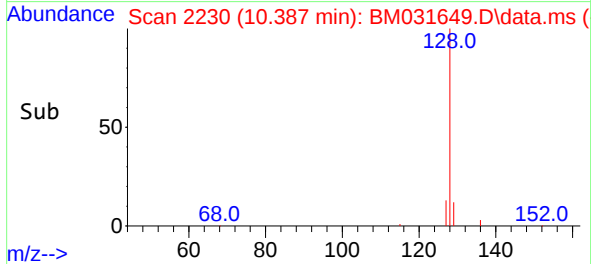




#5
Naphthalene
Concen: 0.115 ng/ul
RT: 10.387 min Scan# 2230
Delta R.T. -0.001 min
Lab File: BM031649.D
Acq: 10 Aug 2021 19:54



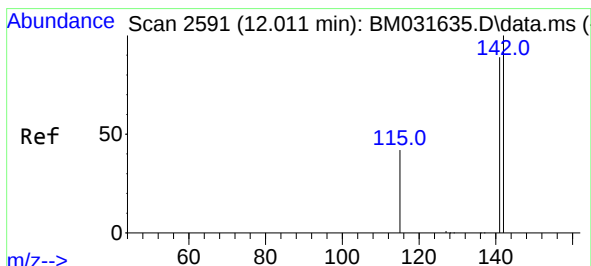
Tgt Ion:128 Resp: 1813
Ion Ratio Lower Upper
128 100
129 17.5 10.0 15.0#
127 17.3 11.6 17.4



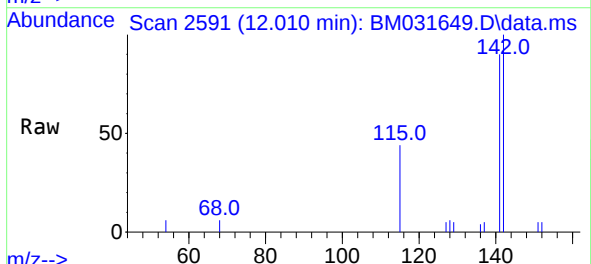
Instrument :
BNA_M
ClientSampleId :
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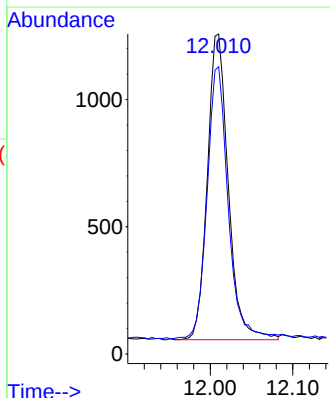
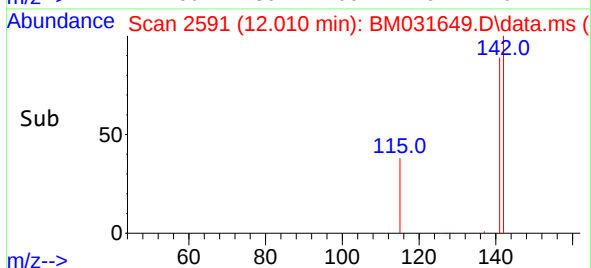
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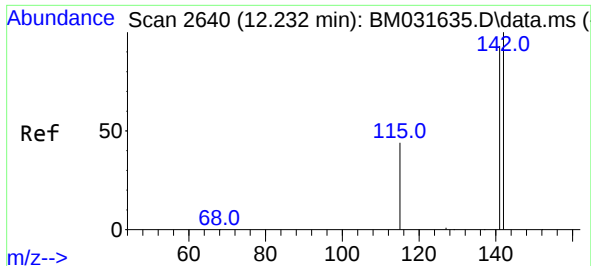


#7
2-Methylnaphthalene
Concen: 0.197 ng/ul
RT: 12.010 min Scan# 2591
Delta R.T. -0.001 min
Lab File: BM031649.D
Acq: 10 Aug 2021 19:54

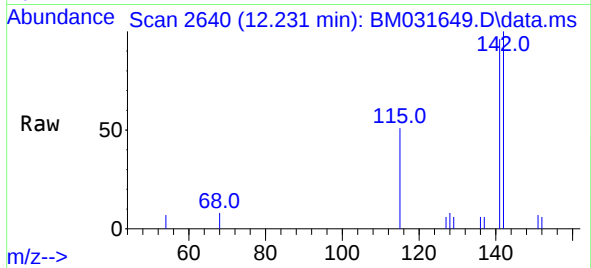


Tgt Ion:142 Resp: 2118
Ion Ratio Lower Upper
142 100
141 90.3 71.4 107.0

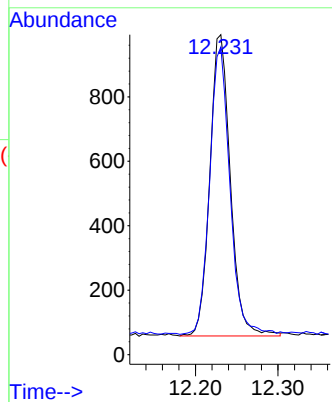
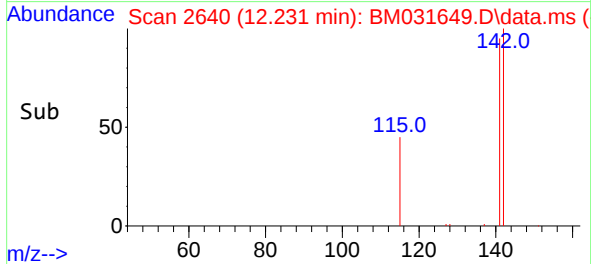




#8
1-Methylnaphthalene
Concen: 0.152 ng/ul
RT: 12.231 min Scan# 2640
Delta R.T. -0.001 min
Lab File: BM031649.D
Acq: 10 Aug 2021 19:54



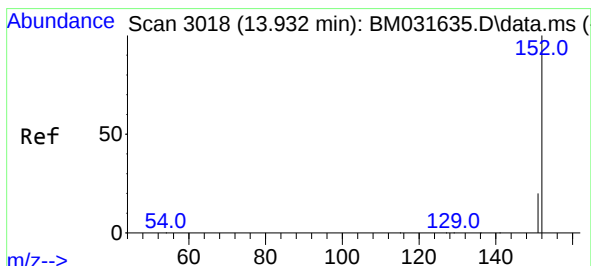
Tgt Ion:142 Resp: 1613
Ion Ratio Lower Upper
142 100
141 94.1 74.1 111.1



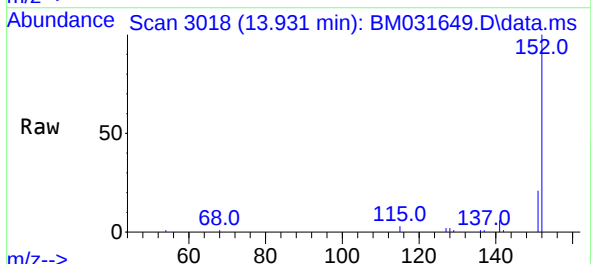
Instrument :
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ClientSampled :
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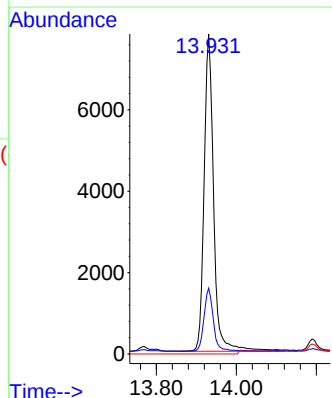
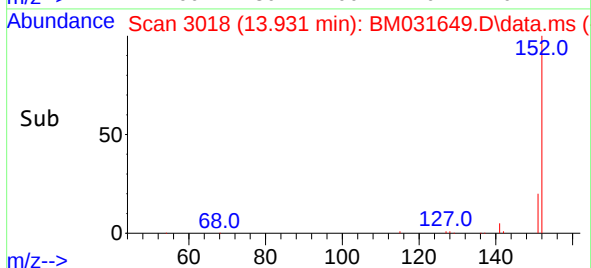
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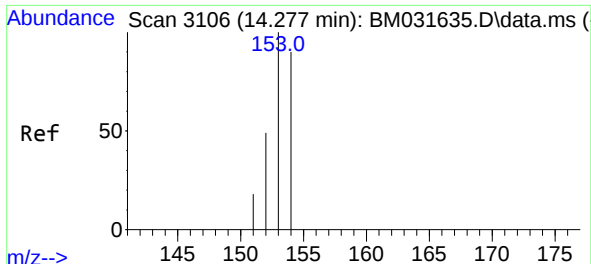


#10
Acenaphthylene
Concen: 0.932 ng/ul
RT: 13.931 min Scan# 3018
Delta R.T. -0.001 min
Lab File: BM031649.D
Acq: 10 Aug 2021 19:54



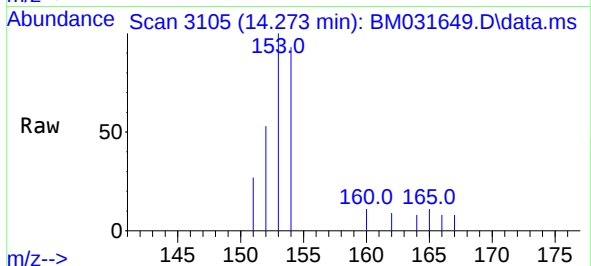
Tgt Ion:152 Resp: 12026
Ion Ratio Lower Upper
152 100
151 20.6 16.9 25.3
153 0.0 0.0 0.0





#11
Acenaphthene
Concen: 0.113 ng/ul
RT: 14.273 min Scan# 3105
Delta R.T. -0.004 min
Lab File: BM031649.D
Acq: 10 Aug 2021 19:54

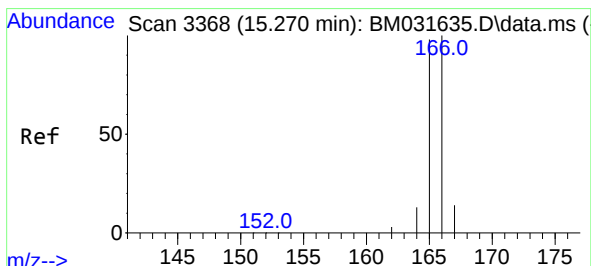
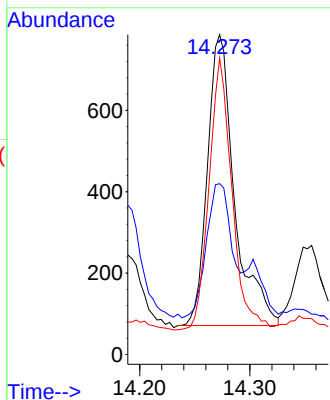
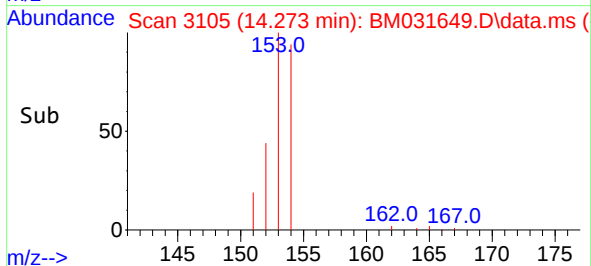
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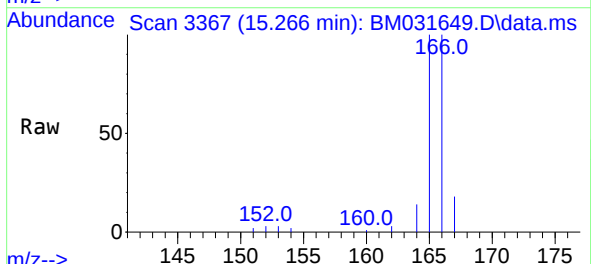
Tgt Ion:153 Resp: 1226
Ion Ratio Lower Upper
153 100
152 53.4 40.7 61.1
154 92.7 70.2 105.2

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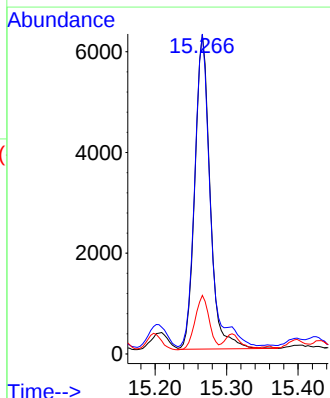
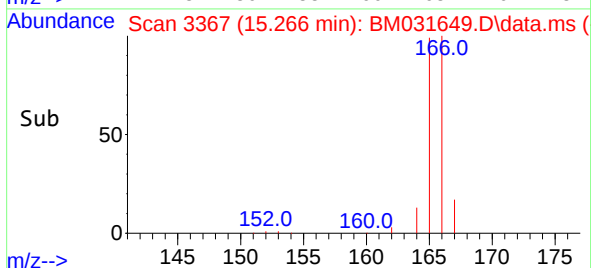
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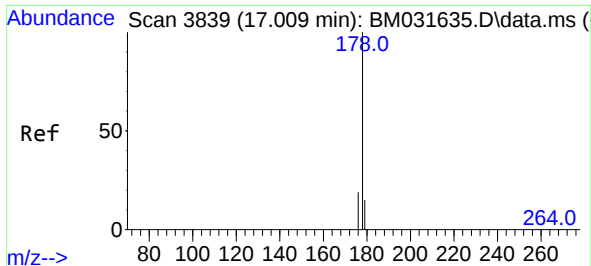


#12
Fluorene
Concen: 0.738 ng/ul
RT: 15.266 min Scan# 3367
Delta R.T. -0.004 min
Lab File: BM031649.D
Acq: 10 Aug 2021 19:54



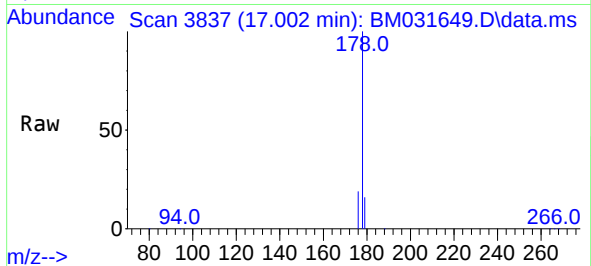
Tgt Ion:166 Resp: 9225
Ion Ratio Lower Upper
166 100
165 100.2 78.0 117.0
167 18.3 12.0 18.0#





#15
Phenanthrene
Concen: 5.596 ng/u1
RT: 17.002 min Scan# 3837
Delta R.T. -0.007 min
Lab File: BM031649.D
Acq: 10 Aug 2021 19:54

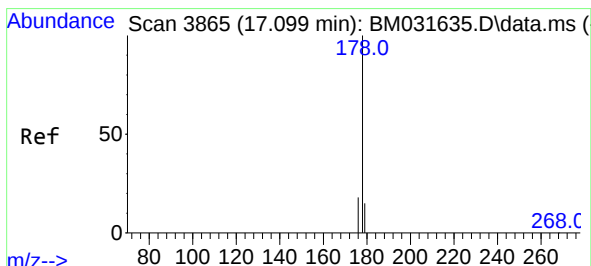
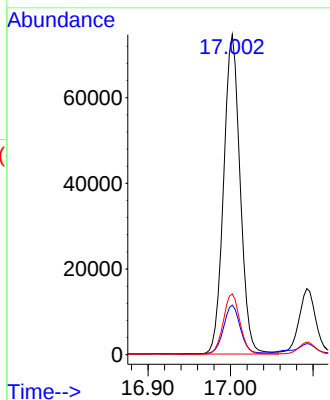
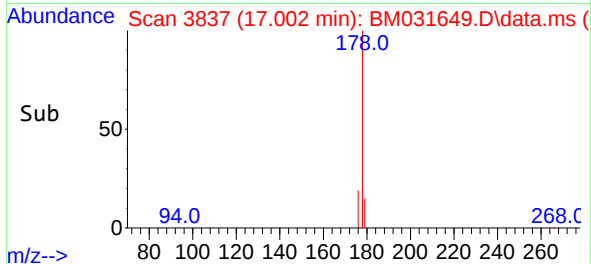
Instrument :
BNA_M
ClientSampled :
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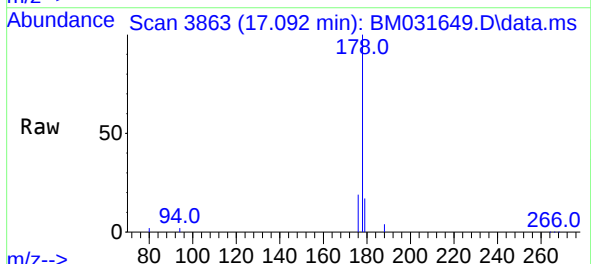
Tgt Ion:178 Resp: 103753
Ion Ratio Lower Upper
178 100
179 15.5 13.3 19.9
176 19.0 16.2 24.4

Manual Integrations
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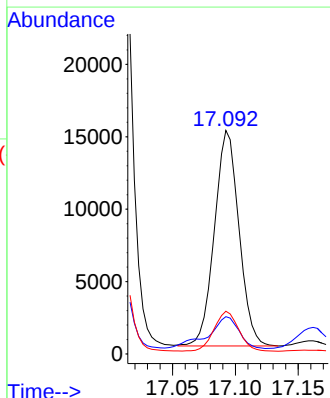
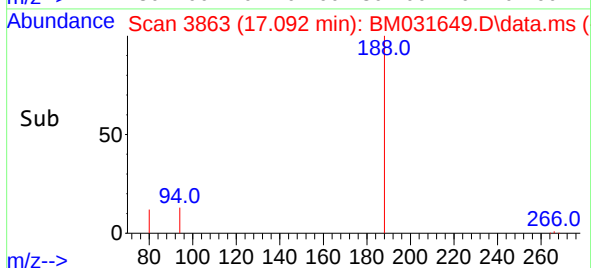
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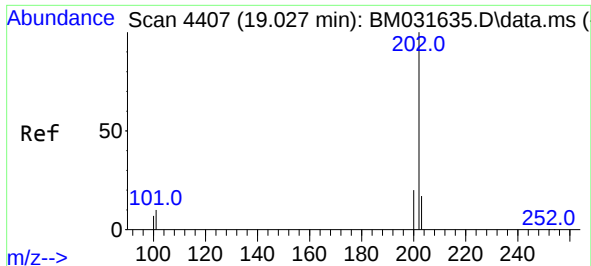


#16
Anthracene
Concen: 1.166 ng/u1
RT: 17.092 min Scan# 3863
Delta R.T. -0.007 min
Lab File: BM031649.D
Acq: 10 Aug 2021 19:54



Tgt Ion:178 Resp: 20236
Ion Ratio Lower Upper
178 100
179 16.7 13.0 19.6
176 19.1 15.6 23.4





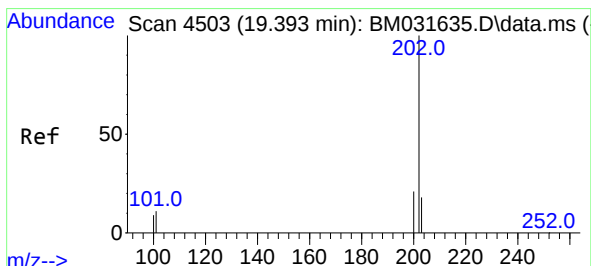
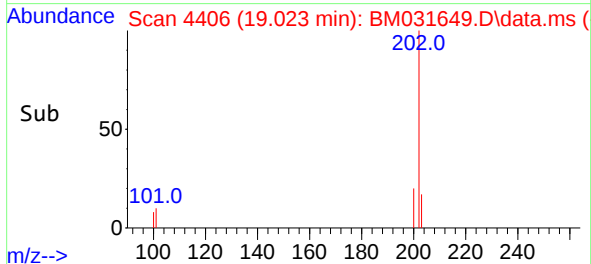
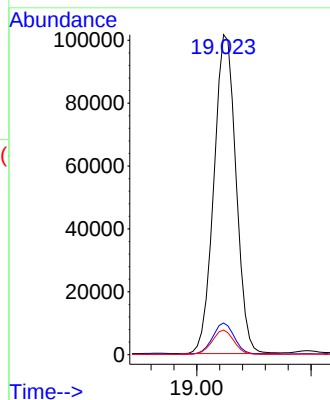
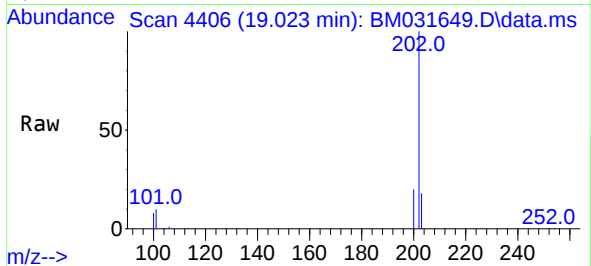
#19
Fluoranthene
Concen: 6.693 ng/u1
RT: 19.023 min Scan# 4406
Delta R.T. -0.004 min
Lab File: BM031649.D
Acq: 10 Aug 2021 19:54

Tgt Ion:202 Resp: 136042
Ion Ratio Lower Upper
202 100
101 9.9 6.6 10.0
100 7.7 5.4 8.0

Instrument :
BNA_M
ClientSampleId :
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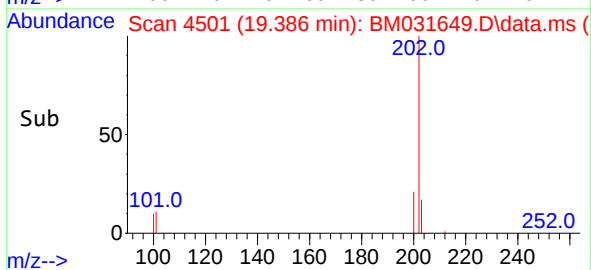
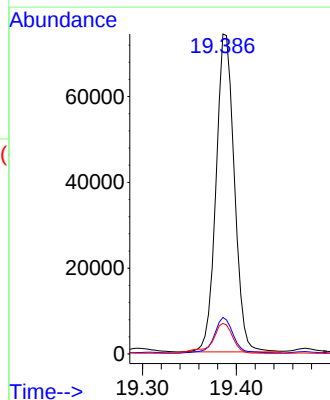
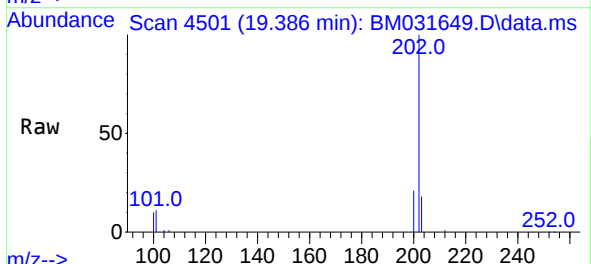
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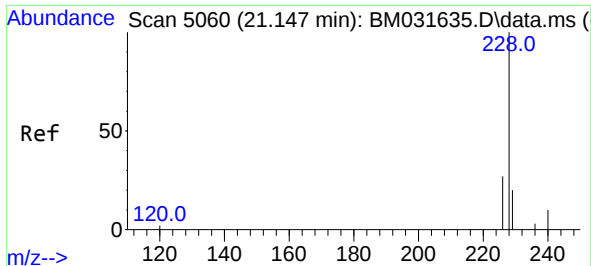
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#20
Pyrene
Concen: 4.859 ng/u1
RT: 19.386 min Scan# 4501
Delta R.T. -0.008 min
Lab File: BM031649.D
Acq: 10 Aug 2021 19:54

Tgt Ion:202 Resp: 100175
Ion Ratio Lower Upper
202 100
101 11.4 7.8 11.6
100 9.6 6.6 10.0





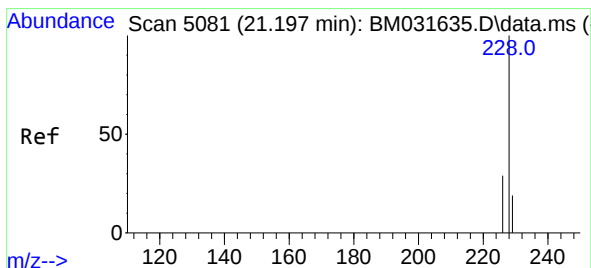
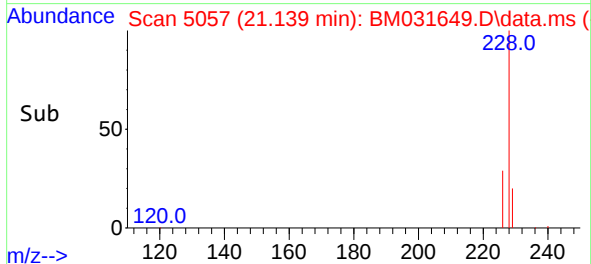
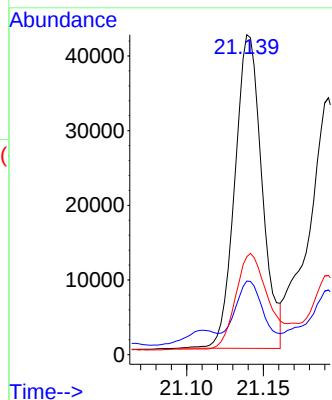
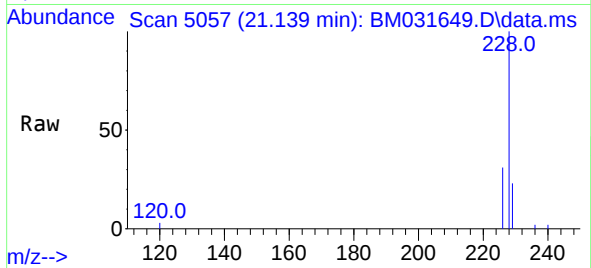
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Benzo(a)anthracene
Concen: 2.696 ng/ul
RT: 21.139 min Scan# 5057
Delta R.T. -0.007 min
Lab File: BM031649.D
Acq: 10 Aug 2021 19:54

Tgt Ion:	228	Resp:	51812
Ion Ratio	Lower	Upper	
228	100		
229	23.0	15.6	23.4
226	30.6	21.7	32.5

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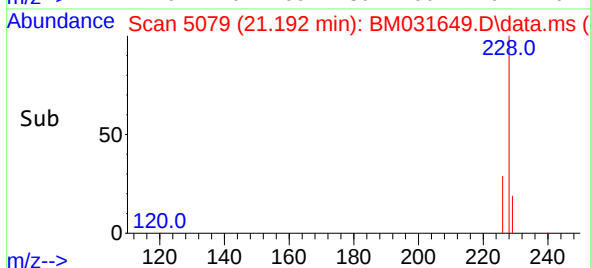
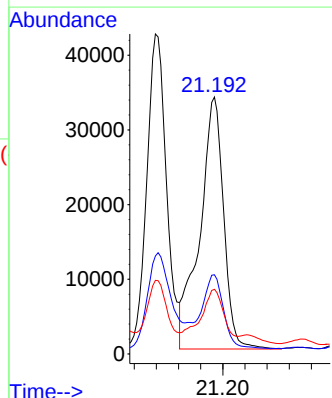
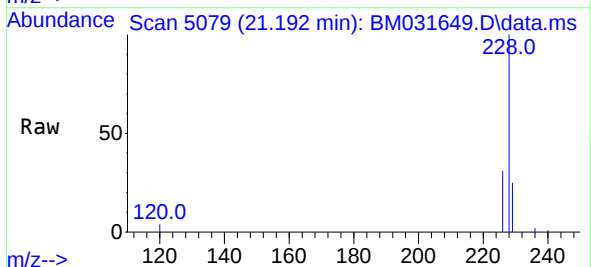
Manual Integrations
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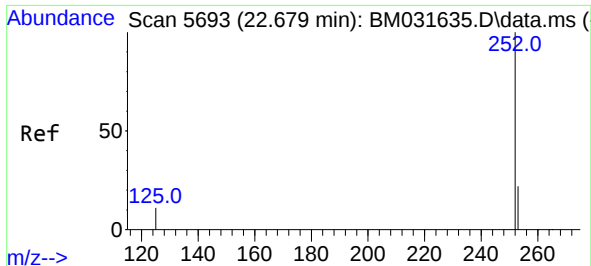
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#22
Chrysene
Concen: 2.549 ng/ul m
RT: 21.192 min Scan# 5079
Delta R.T. -0.005 min
Lab File: BM031649.D
Acq: 10 Aug 2021 19:54

Tgt Ion:	228	Resp:	50688
Ion Ratio	Lower	Upper	
228	100		
226	30.8	24.7	37.1
229	25.2	16.2	24.2#





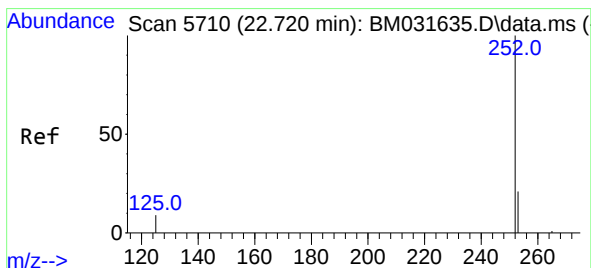
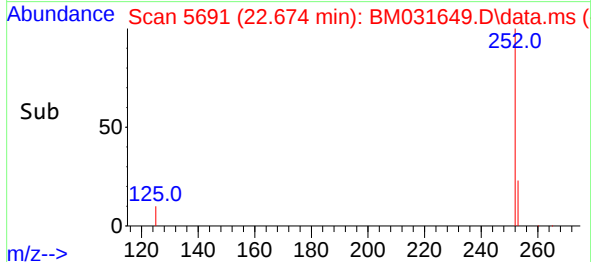
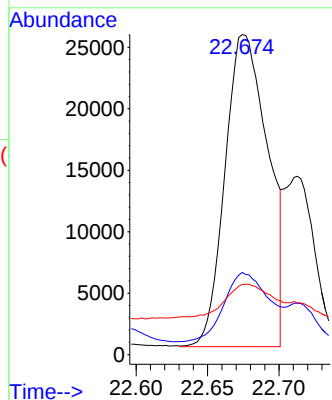
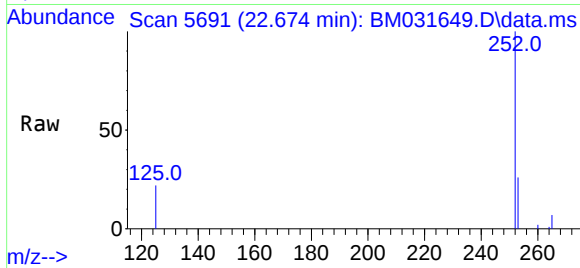
#24
Benzo(b)fluoranthene
Concen: 2.442 ng/ul m
RT: 22.674 min Scan# 5691
Delta R.T. -0.005 min
Lab File: BM031649.D
Acq: 10 Aug 2021 19:54

Tgt Ion:	252	Resp:	53029
Ion Ratio	Lower	Upper	
252	100		
253	25.7	0.0	53.0
125	22.0	0.0	22.8

Instrument :
BNA_M
ClientSampled :
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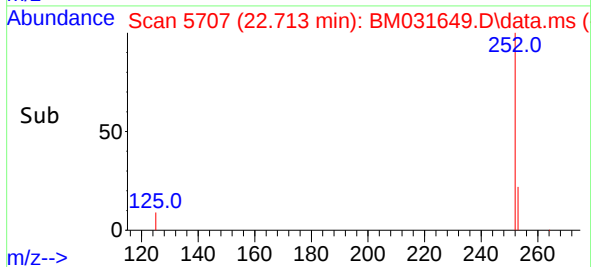
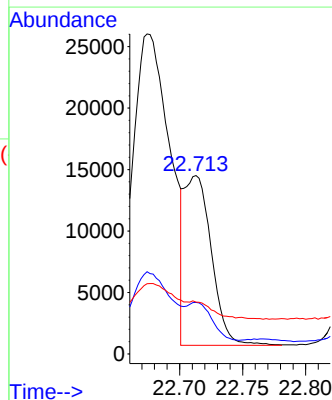
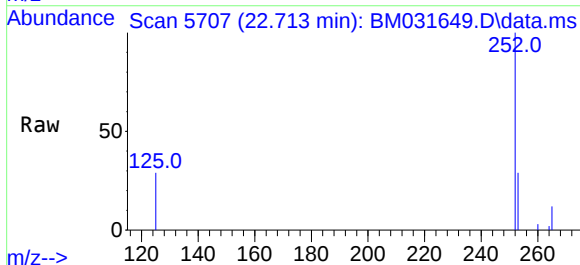
Manual Integrations
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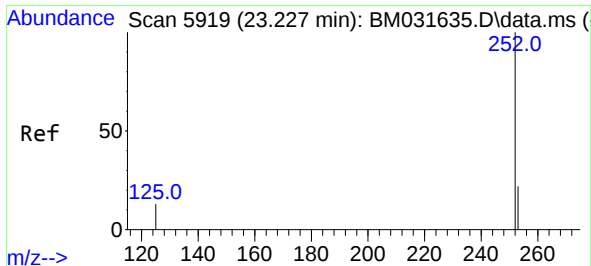
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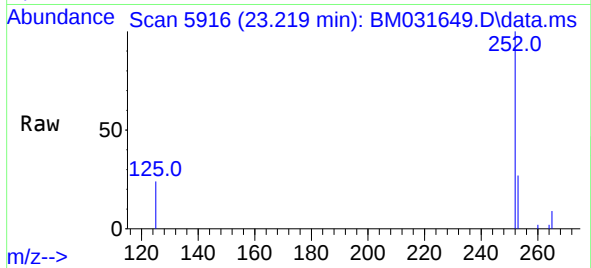
#25
Benzo(k)fluoranthene
Concen: 0.925 ng/ul m
RT: 22.713 min Scan# 5707
Delta R.T. -0.007 min
Lab File: BM031649.D
Acq: 10 Aug 2021 19:54

Tgt Ion:	252	Resp:	20743
Ion Ratio	Lower	Upper	
252	100		
253	28.9	21.3	31.9
125	29.1	8.8	13.2#

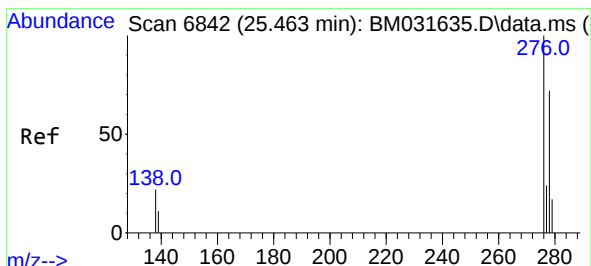
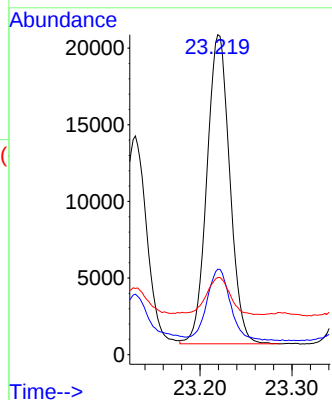
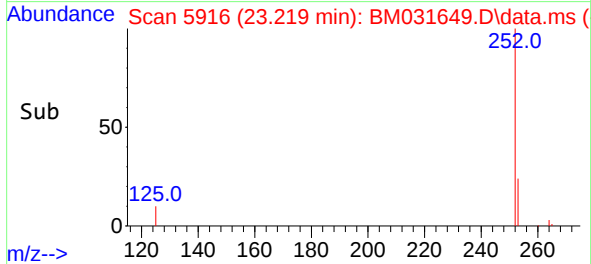




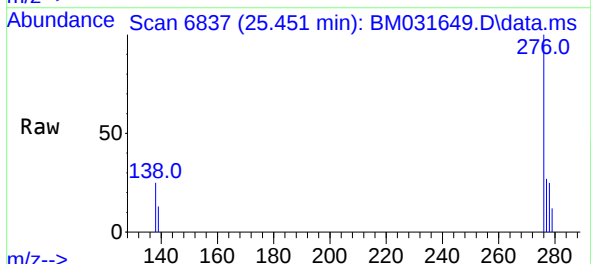
#26
Benzo(a)pyrene
Concen: 1.830 ng/ul
RT: 23.219 min Scan# 5916
Delta R.T. -0.007 min
Lab File: BM031649.D
Acq: 10 Aug 2021 19:54



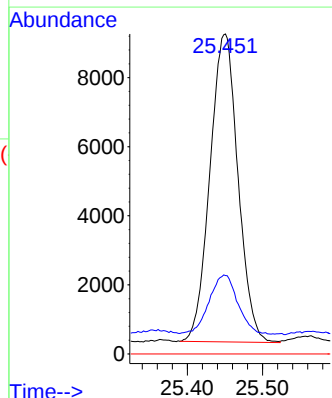
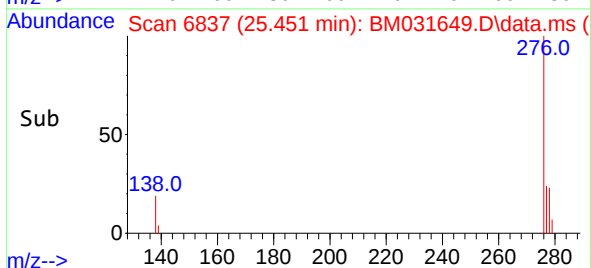
Tgt Ion:252 Resp: 34805
Ion Ratio Lower Upper
252 100
253 26.7 22.4 33.6
125 24.1 13.0 19.4#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.940 ng/ul
RT: 25.451 min Scan# 6837
Delta R.T. -0.012 min
Lab File: BM031649.D
Acq: 10 Aug 2021 19:54



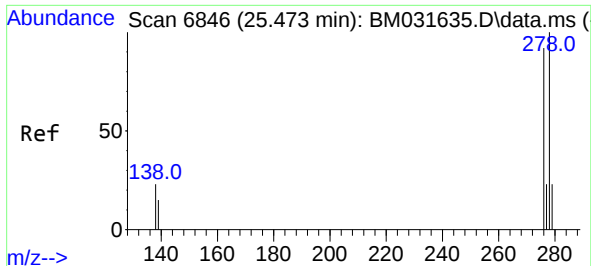
Tgt Ion:276 Resp: 23104
Ion Ratio Lower Upper
276 100
138 20.3 15.8 23.8
227 0.0 0.0 0.0



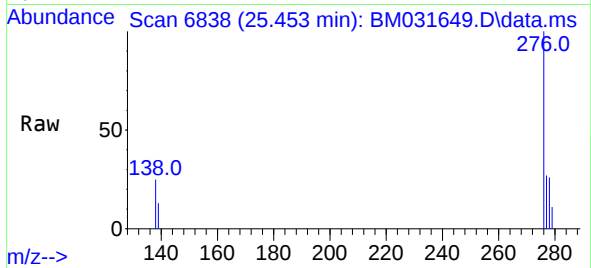
Instrument :
BNA_M
ClientSampleId :
C00C0DL

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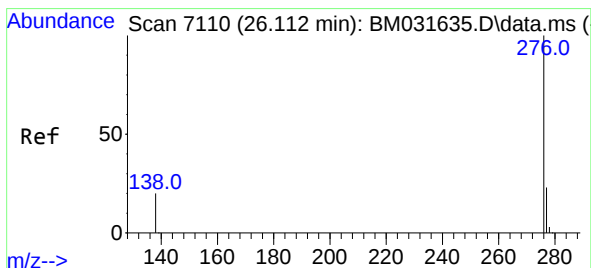
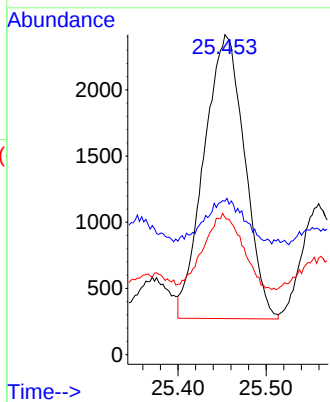
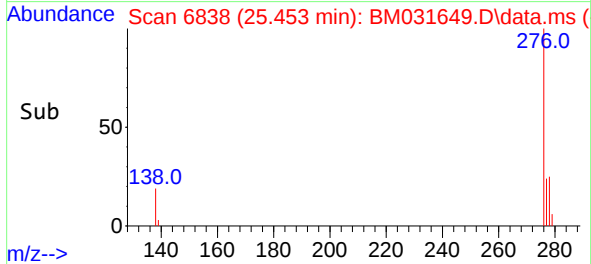
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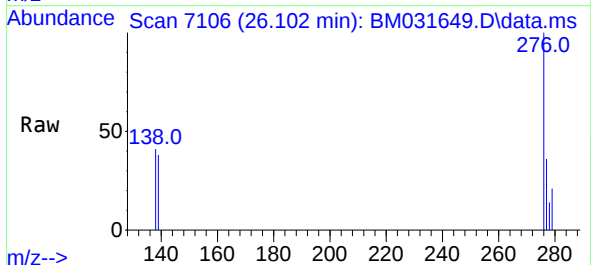
#28
Dibenzo(a,h)anthracene
Concen: 0.347 ng/ul
RT: 25.453 min Scan# 6838
Delta R.T. -0.020 min
Lab File: BM031649.D
Acq: 10 Aug 2021 19:54



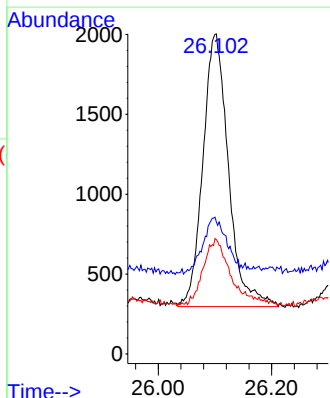
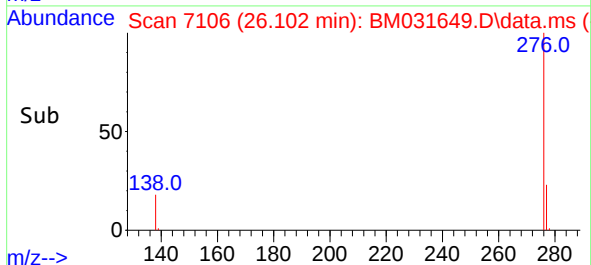
Tgt Ion:278 Resp: 6881
Ion Ratio Lower Upper
278 100
139 48.0 13.3 19.9#
279 42.9 22.8 34.2#



#29
Benzo(g,h,i)perylene
Concen: 0.255 ng/ul
RT: 26.102 min Scan# 7106
Delta R.T. -0.010 min
Lab File: BM031649.D
Acq: 10 Aug 2021 19:54



Tgt Ion:276 Resp: 5341
Ion Ratio Lower Upper
276 100
138 41.1 15.4 23.2#
277 35.7 19.9 29.9#



Instrument :
BNA_M
ClientSampleId :
C00C0DL

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