

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080521\
 Data File : BM031483.D
 Acq On : 05 Aug 2021 15:07
 Operator : CG/JU
 Sample : M3123-15
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0076

Manual Integrations
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Quant Time: Aug 05 15:41:56 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 05 11:03:39 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.590	152	1510	0.400	ng/ul	0.00
4) Naphthalene-d8	10.352	136	6160	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.220	164	4386	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.968	188	7645	0.400	ng/ul #	0.00
17) Chrysene-d12	21.164	240	5999	0.400	ng/ul #	0.00
23) Perylene-d12	23.319	264	5500	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.189	96	2016	1.202	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.944	152	2051	0.198	ng/ul	0.00
18) Fluoranthene-d10	19.001	212	4139	0.207	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.401	128	14273	0.778	ng/ul	99
7) 2-Methylnaphthalene	12.020	142	38072	3.037	ng/ul	100
8) 1-Methylnaphthalene	12.241	142	18533	1.496	ng/ul	100
10) Acenaphthylene	13.941	152	1268	0.068	ng/ul#	72
11) Acenaphthene	14.311	153	1728m	0.110	ng/ul	
12) Fluorene	15.278	166	2692	0.149	ng/ul#	73
15) Phenanthrene	17.009	178	63642	2.622	ng/ul	98
16) Anthracene	17.100	178	1239m	0.055	ng/ul	
19) Fluoranthene	19.035	202	23183	0.905	ng/ul#	95
20) Pyrene	19.397	202	19087	0.735	ng/ul#	93
21) Benzo(a)anthracene	21.147	228	7983	0.330	ng/ul#	71
22) Chrysene	21.197	228	32132	1.282	ng/ul#	92
24) Benzo(b)fluoranthene	22.679	252	16018m	0.646	ng/ul	
25) Benzo(k)fluoranthene	22.720	252	3303m	0.129	ng/ul	
26) Benzo(a)pyrene	23.227	252	5295	0.244	ng/ul#	55
27) Indeno(1,2,3-cd)pyrene	25.453	276	4196	0.150	ng/ul#	92
28) Dibenzo(a,h)anthracene	25.463	278	2359	0.104	ng/ul#	33
29) Benzo(g,h,i)perylene	26.107	276	577	0.024	ng/ul#	27

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

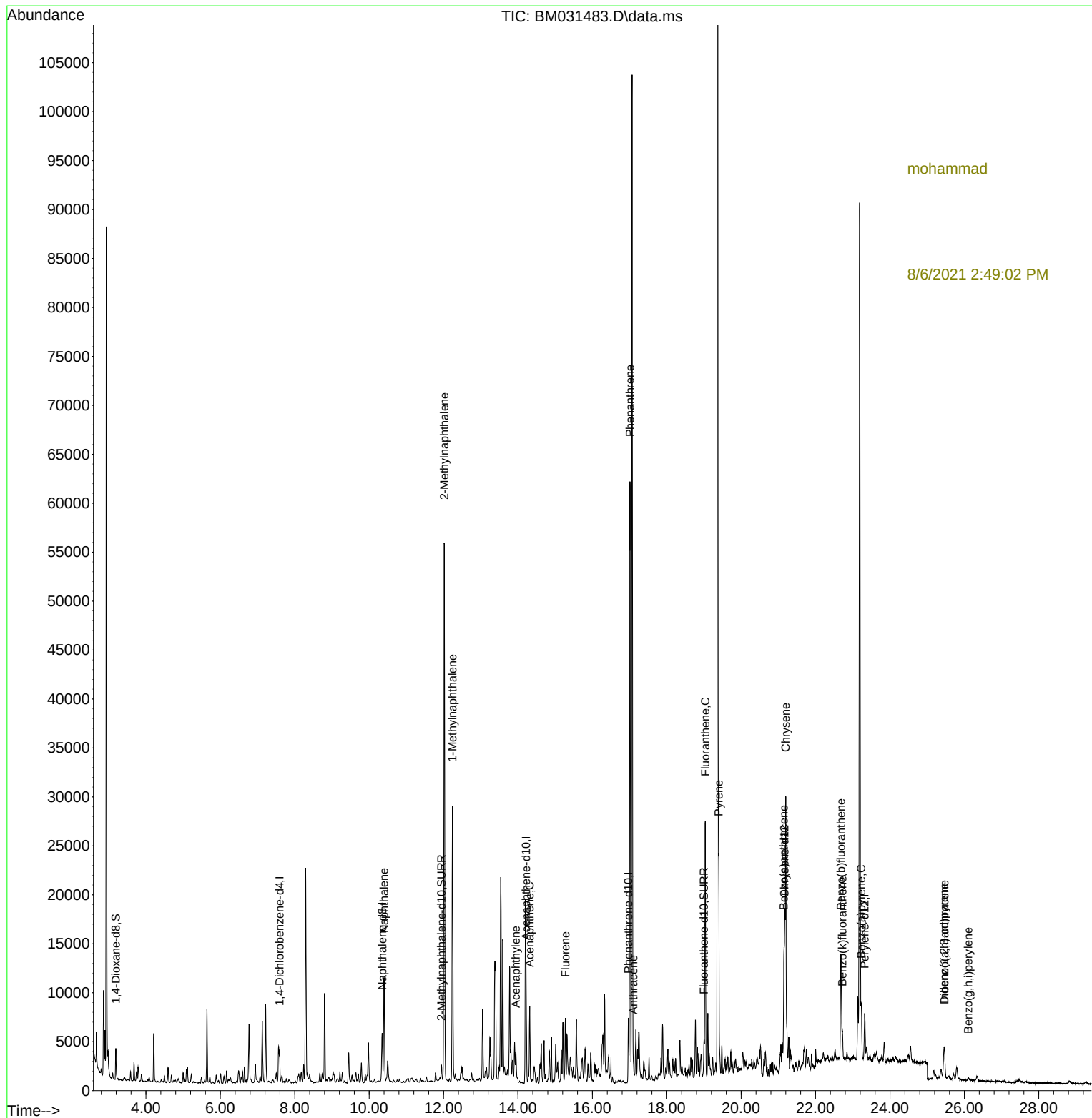
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080521\
Data File : BM031483.D
Acq On : 05 Aug 2021 15:07
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ALS Vial : 8 Sample Multiplier: 1

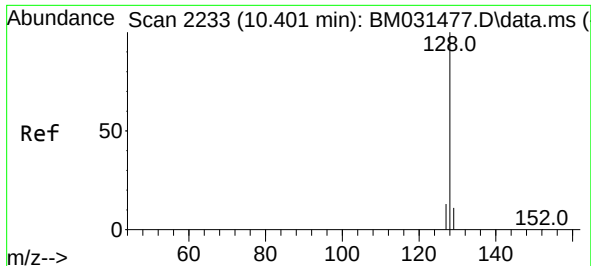
Instrument :
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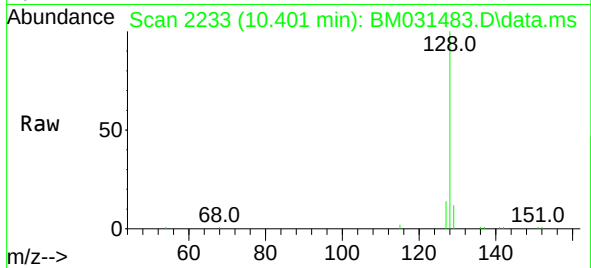
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Quant Time: Aug 05 15:41:56 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 05 11:03:39 2021
Response via : Initial Calibration

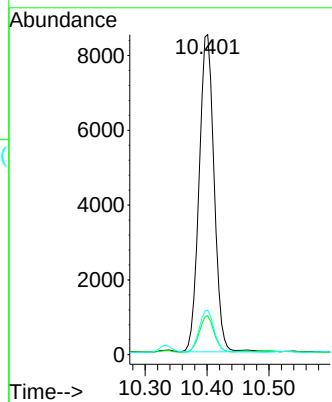
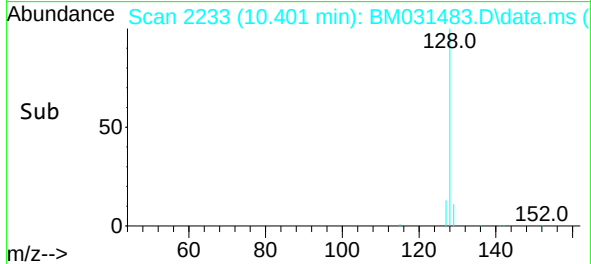




#5
Naphthalene
Concen: 0.778 ng/ul
RT: 10.401 min Scan# 2233
Delta R.T. -0.000 min
Lab File: BM031483.D
Acq: 05 Aug 2021 15:07



Tgt Ion:128 Resp: 14273
Ion Ratio Lower Upper
128 100
129 12.2 10.0 15.0
127 13.9 11.6 17.4



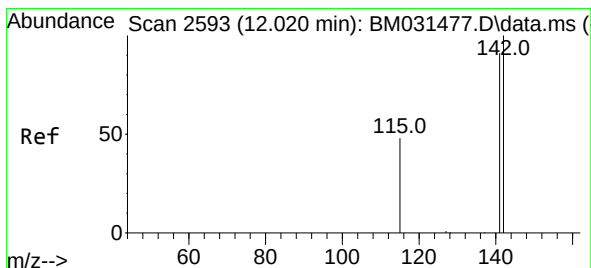
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BNA_M
ClientSampled :
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Manual Integrations
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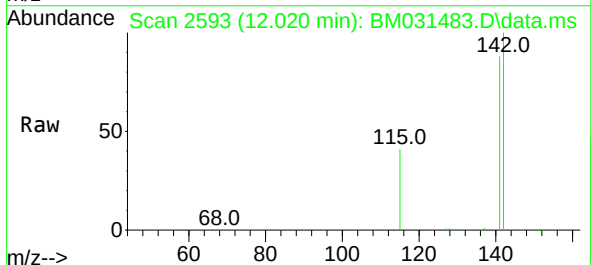
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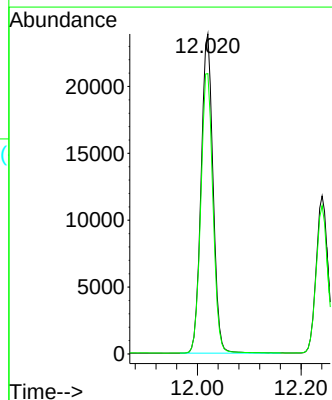
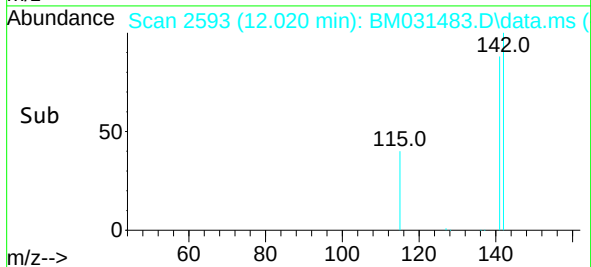
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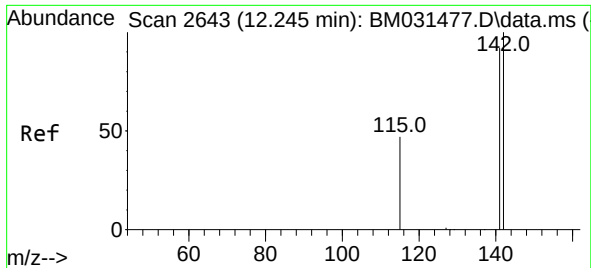


#7
2-Methylnaphthalene
Concen: 3.037 ng/ul
RT: 12.020 min Scan# 2593
Delta R.T. -0.000 min
Lab File: BM031483.D
Acq: 05 Aug 2021 15:07



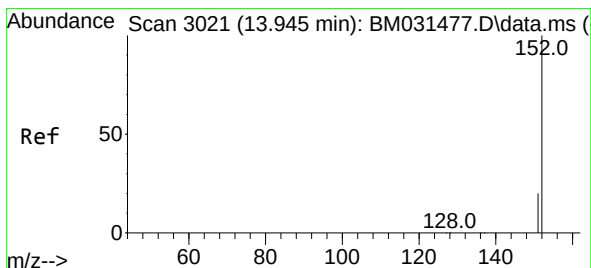
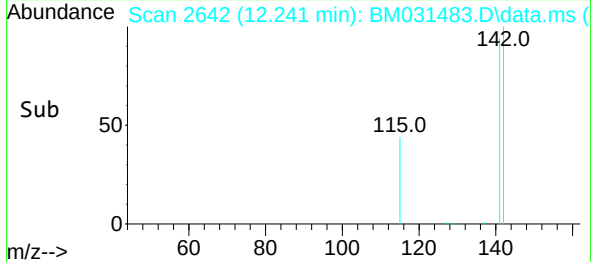
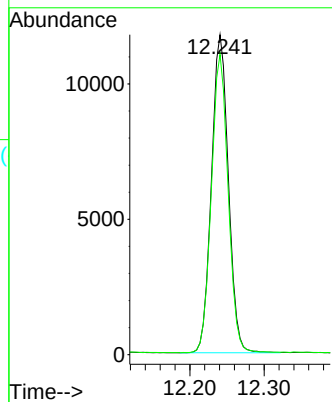
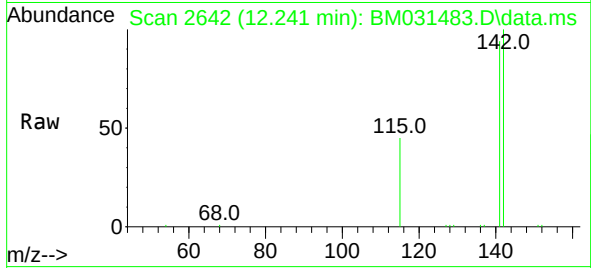
Tgt Ion:142 Resp: 38072
Ion Ratio Lower Upper
142 100
141 89.2 71.4 107.0





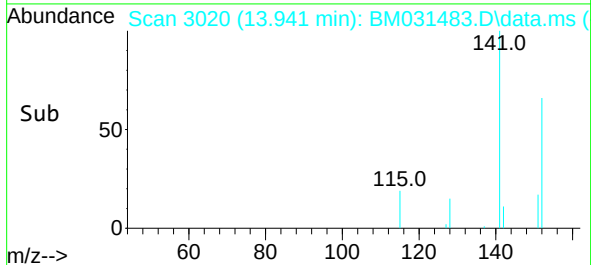
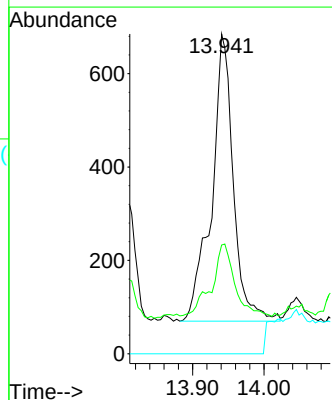
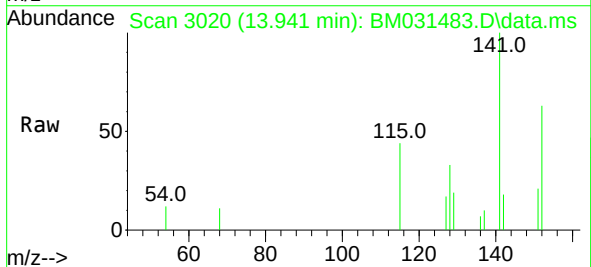
#8
1-Methylnaphthalene
Concen: 1.496 ng/ul
RT: 12.241 min Scan# 2642
Delta R.T. -0.005 min
Lab File: BM031483.D
Acq: 05 Aug 2021 15:07

Tgt Ion:142 Resp: 18533
Ion Ratio Lower Upper
142 100
141 93.0 74.1 111.1



#10
Acenaphthylene
Concen: 0.068 ng/ul
RT: 13.941 min Scan# 3020
Delta R.T. -0.005 min
Lab File: BM031483.D
Acq: 05 Aug 2021 15:07

Tgt Ion:152 Resp: 1268
Ion Ratio Lower Upper
152 100
151 34.0 16.9 25.3#
153 0.0 0.0 0.0



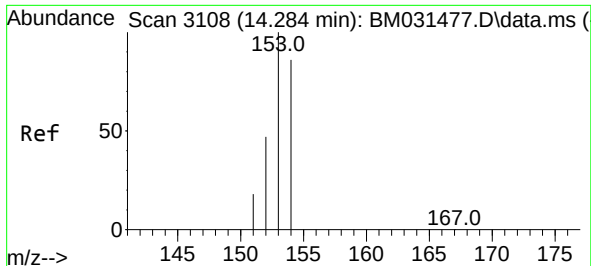
Instrument :
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ClientSampled :
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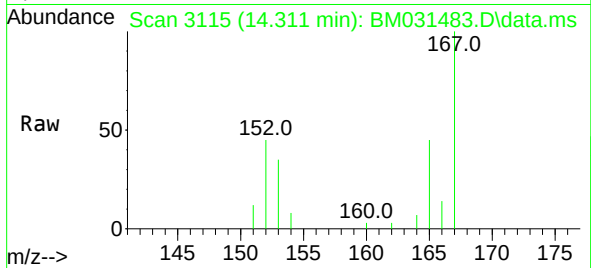
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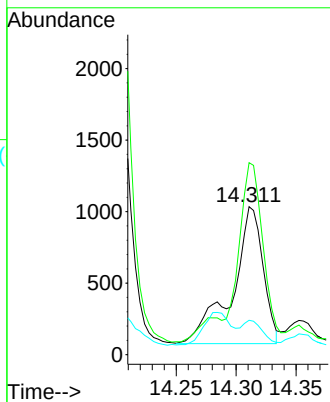
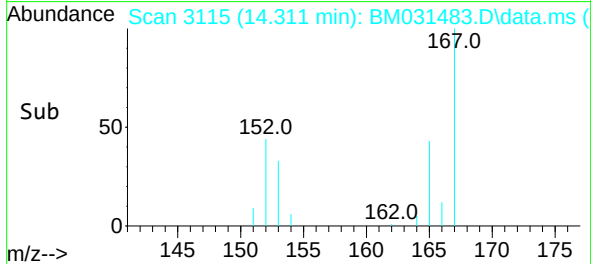
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#11
Acenaphthene
Concen: 0.110 ng/ul m
RT: 14.311 min Scan# 3115
Delta R.T. 0.026 min
Lab File: BM031483.D
Acq: 05 Aug 2021 15:07



Tgt Ion:153 Resp: 1728
Ion Ratio Lower Upper
153 100
152 129.7 40.7 61.1#
154 23.3 70.2 105.2#



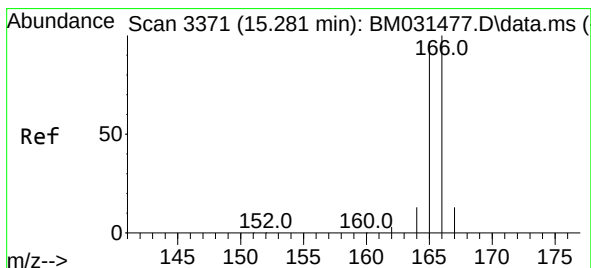
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Manual Integrations
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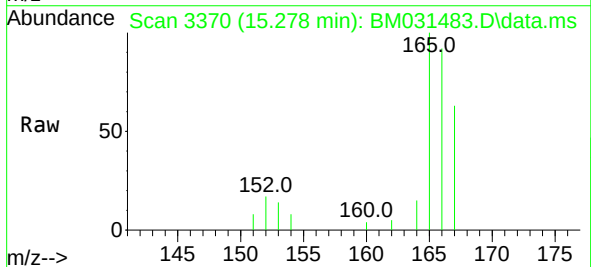
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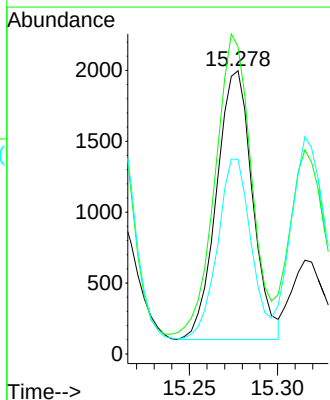
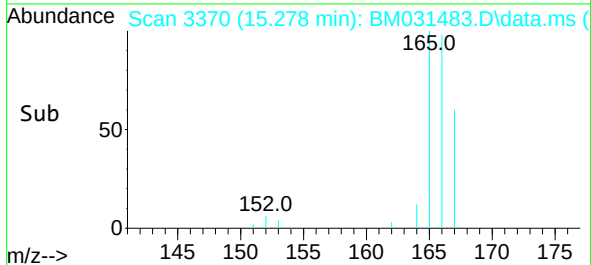
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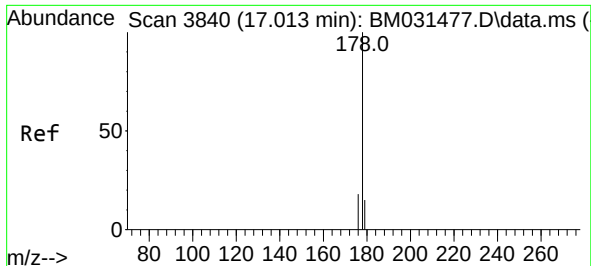


#12
Fluorene
Concen: 0.149 ng/ul
RT: 15.278 min Scan# 3370
Delta R.T. -0.004 min
Lab File: BM031483.D
Acq: 05 Aug 2021 15:07

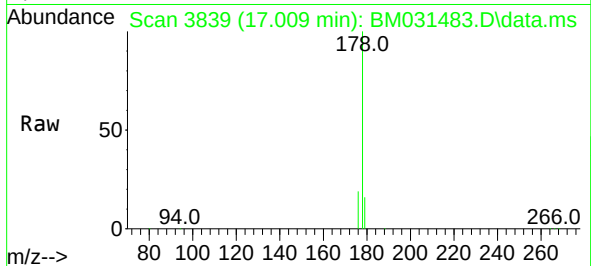


Tgt Ion:166 Resp: 2692
Ion Ratio Lower Upper
166 100
165 108.5 78.0 117.0
167 68.7 12.0 18.0#

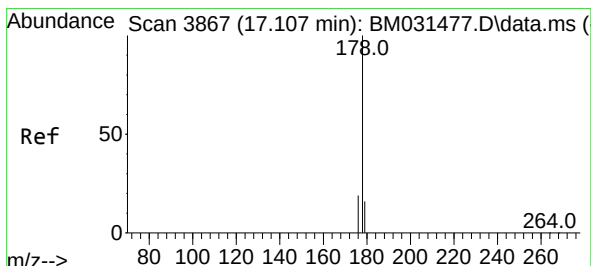
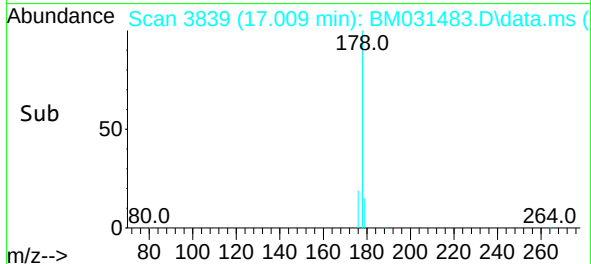
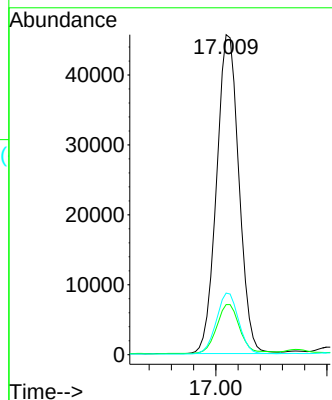




#15
Phenanthrene
Concen: 2.622 ng/ul
RT: 17.009 min Scan# 3839
Delta R.T. -0.004 min
Lab File: BM031483.D
Acq: 05 Aug 2021 15:07

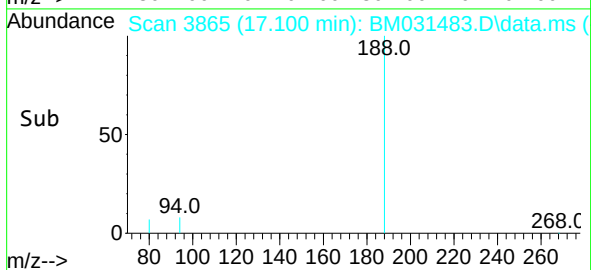
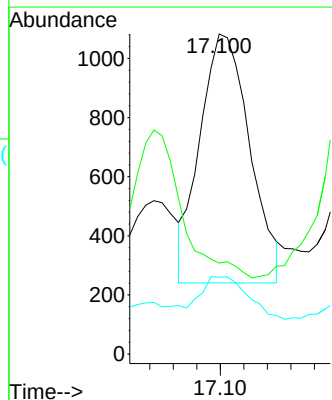
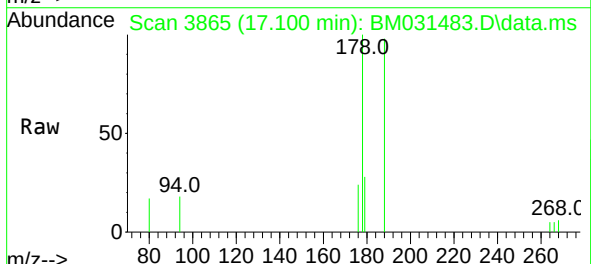


Tgt Ion:178 Resp: 63642
Ion Ratio Lower Upper
178 100
179 15.6 13.3 19.9
176 19.2 16.2 24.4



#16
Anthracene
Concen: 0.055 ng/ul m
RT: 17.100 min Scan# 3865
Delta R.T. -0.007 min
Lab File: BM031483.D
Acq: 05 Aug 2021 15:07

Tgt Ion:178 Resp: 1239
Ion Ratio Lower Upper
178 100
179 28.4 13.0 19.6#
176 24.1 15.6 23.4#



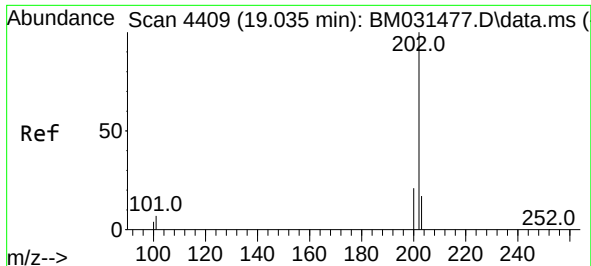
Instrument :
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ClientSampleId :
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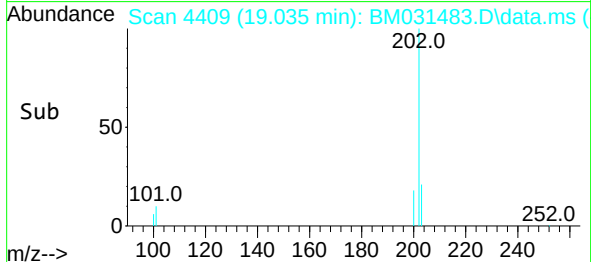
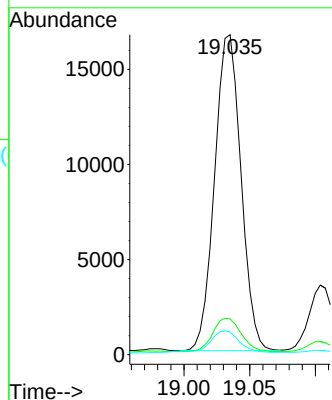
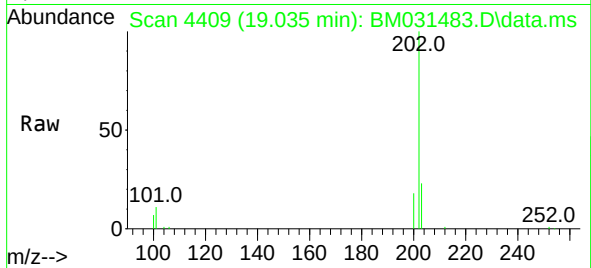
#19
Fluoranthene
Concen: 0.905 ng/u1
RT: 19.035 min Scan# 4409
Delta R.T. -0.000 min
Lab File: BM031483.D
Acq: 05 Aug 2021 15:07

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.2	6.6	10.0#
100	7.1	5.4	8.0

Instrument :
BNA_M
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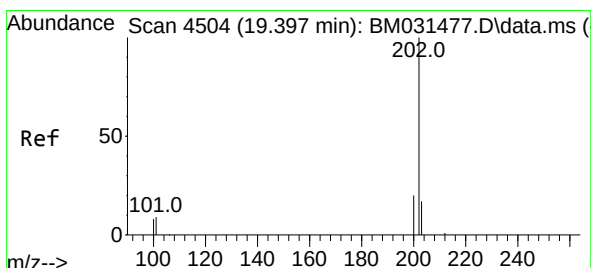
Manual Integrations
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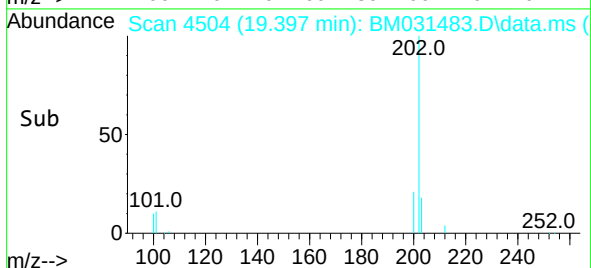
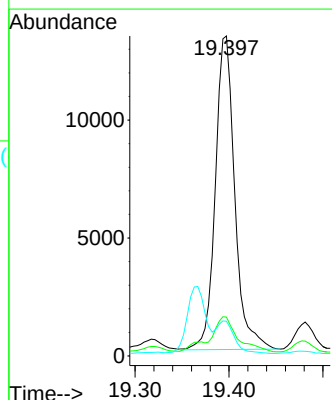
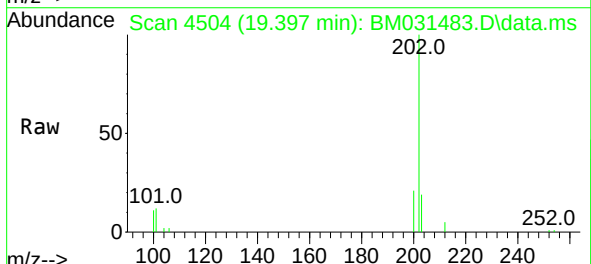
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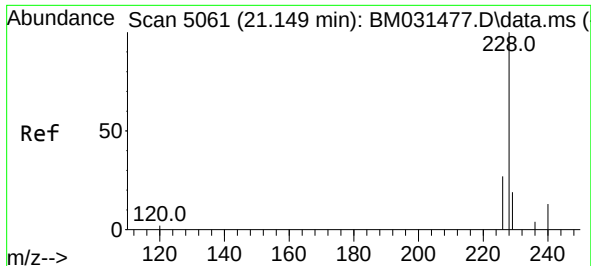
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#20
Pyrene
Concen: 0.735 ng/u1
RT: 19.397 min Scan# 4504
Delta R.T. -0.000 min
Lab File: BM031483.D
Acq: 05 Aug 2021 15:07

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.1	7.8	11.6#
100	10.8	6.6	10.0#





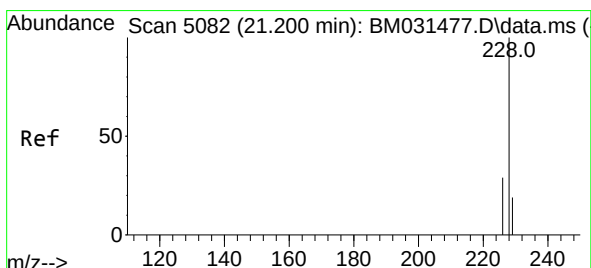
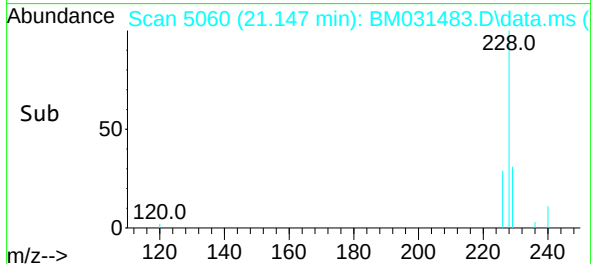
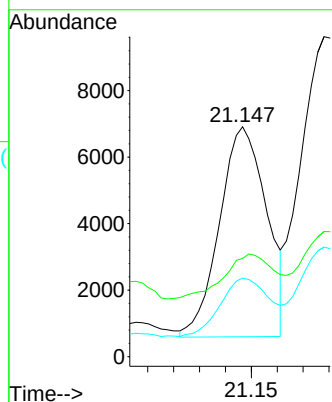
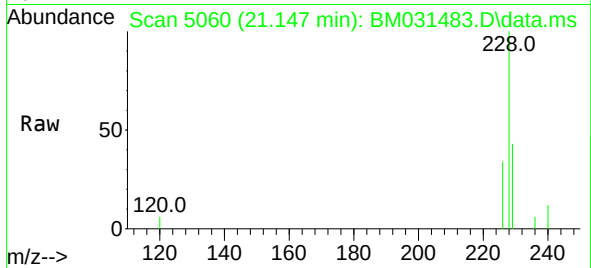
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Benzo(a)anthracene
Concen: 0.330 ng/u1
RT: 21.147 min Scan# 5060
Delta R.T. -0.002 min
Lab File: BM031483.D
Acq: 05 Aug 2021 15:07

Tgt Ion:228 Resp: 7983
Ion Ratio Lower Upper
228 100
229 42.7 15.6 23.4#
226 34.2 21.7 32.5#

Instrument :
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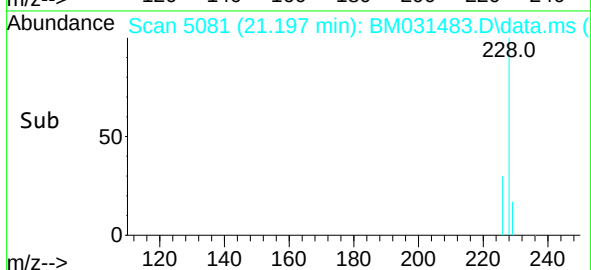
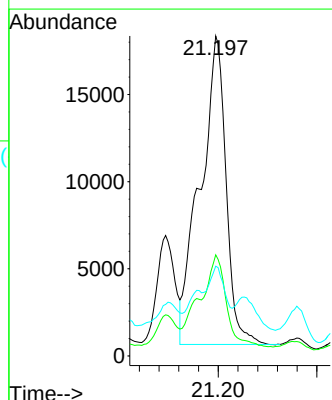
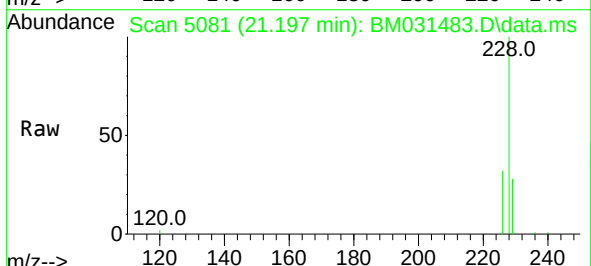
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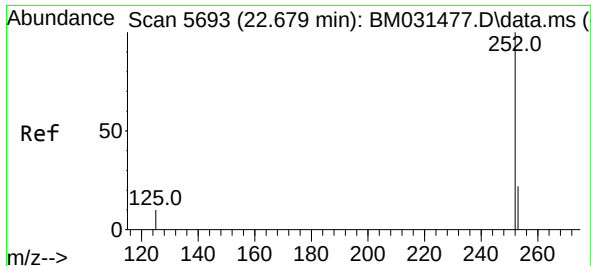
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Chrysene
Concen: 1.282 ng/u1
RT: 21.197 min Scan# 5081
Delta R.T. -0.002 min
Lab File: BM031483.D
Acq: 05 Aug 2021 15:07

Tgt Ion:228 Resp: 32132
Ion Ratio Lower Upper
228 100
226 31.6 24.7 37.1
229 28.1 16.2 24.2#



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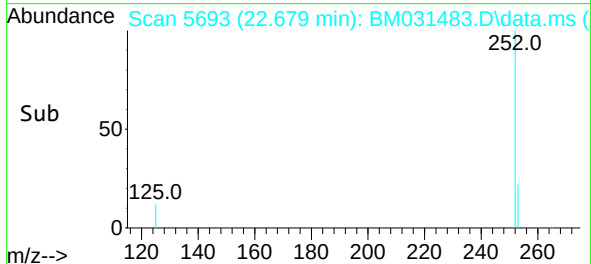
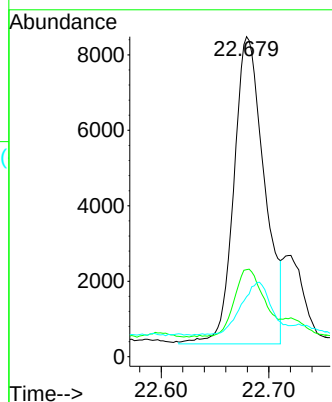
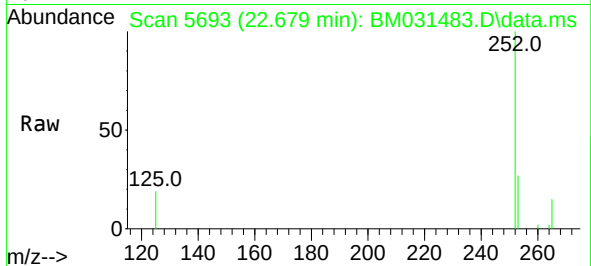
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Benzo(b)fluoranthene
Concen: 0.646 ng/ul m
RT: 22.679 min Scan# 5693
Delta R.T. -0.000 min
Lab File: BM031483.D
Acq: 05 Aug 2021 15:07

Tgt Ion	Ratio	Lower	Upper
252	100		
253	27.2	0.0	53.0
125	18.7	0.0	22.8

Instrument :
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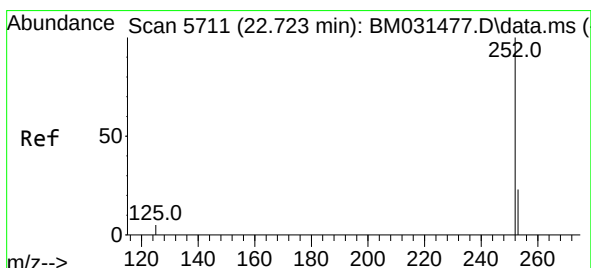
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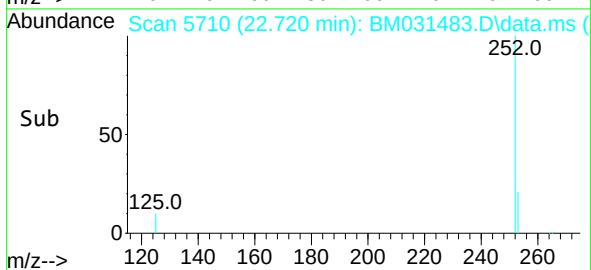
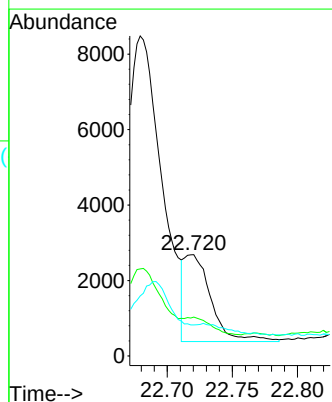
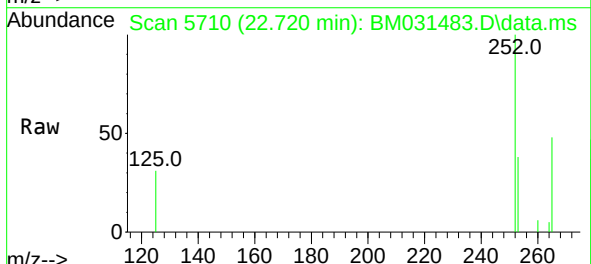
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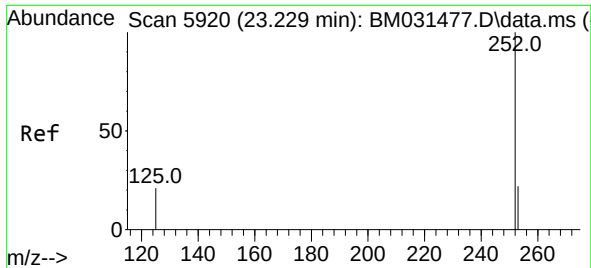
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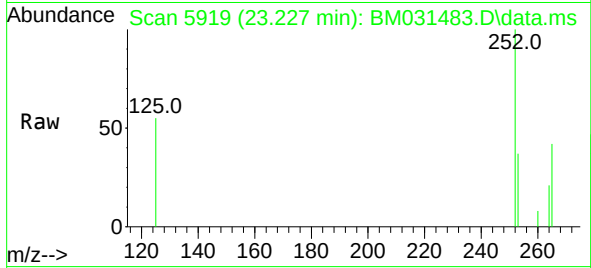
#25
Benzo(k)fluoranthene
Concen: 0.129 ng/ul m
RT: 22.720 min Scan# 5710
Delta R.T. -0.002 min
Lab File: BM031483.D
Acq: 05 Aug 2021 15:07

Tgt Ion	Ratio	Lower	Upper
252	100		
253	38.4	21.3	31.9#
125	30.7	8.8	13.2#

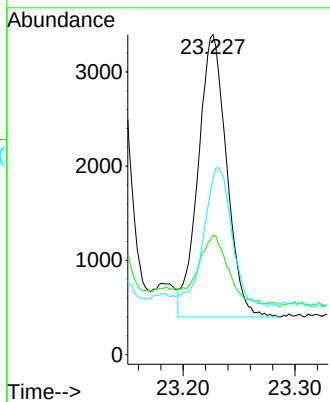
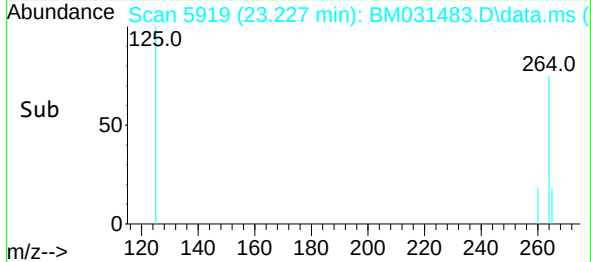




#26
Benzo(a)pyrene
Concen: 0.244 ng/ul
RT: 23.227 min Scan# 5919
Delta R.T. -0.002 min
Lab File: BM031483.D
Acq: 05 Aug 2021 15:07



Tgt Ion:252 Resp: 5295
Ion Ratio Lower Upper
252 100
253 37.3 22.4 33.6#
125 55.0 13.0 19.4#



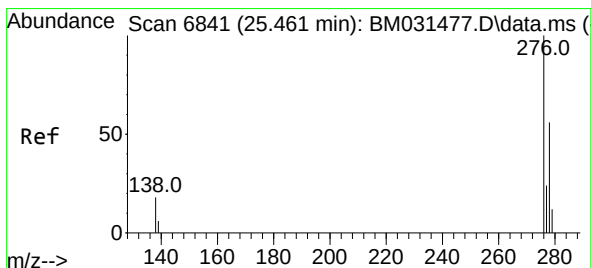
Instrument :
BNA_M
ClientSampleId :
C0076

Manual Integrations
APPROVED

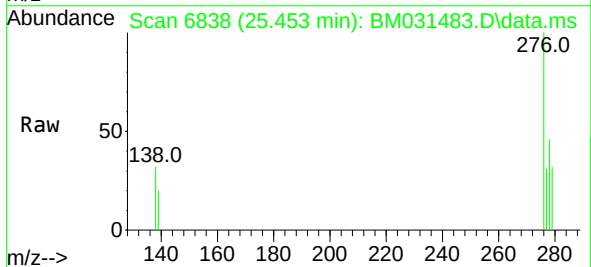
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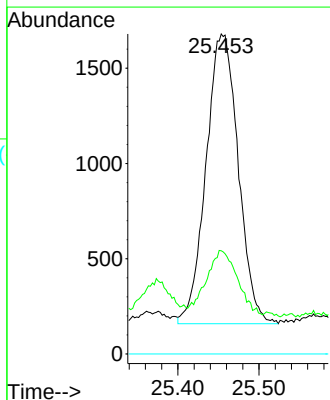
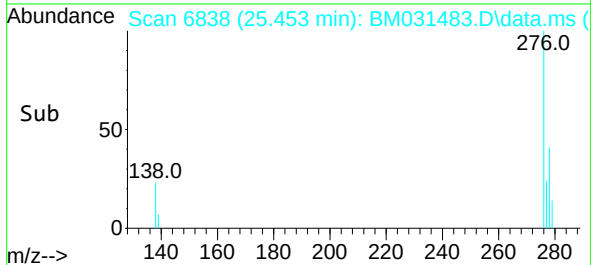
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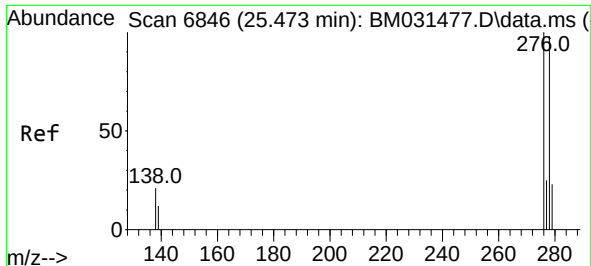


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.150 ng/ul
RT: 25.453 min Scan# 6838
Delta R.T. -0.007 min
Lab File: BM031483.D
Acq: 05 Aug 2021 15:07

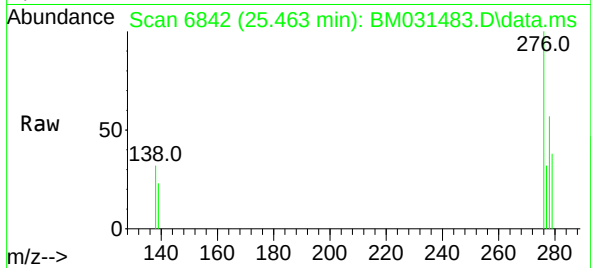


Tgt Ion:276 Resp: 4196
Ion Ratio Lower Upper
276 100
138 23.3 15.8 23.8
227 0.0 0.0 0.0

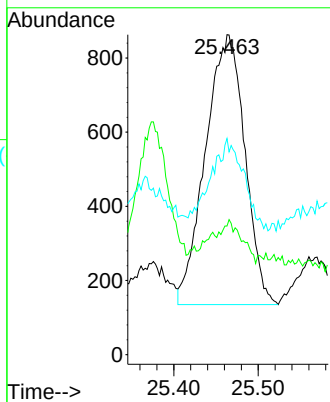
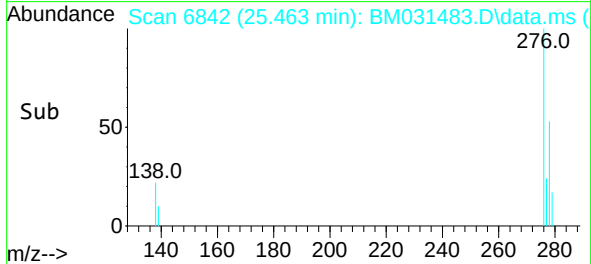




#28
Dibenzo(a,h)anthracene
Concen: 0.104 ng/ul
RT: 25.463 min Scan# 6842
Delta R.T. -0.010 min
Lab File: BM031483.D
Acq: 05 Aug 2021 15:07



Tgt Ion: 278 Resp: 2359
Ion Ratio Lower Upper
278 100
139 40.2 13.3 19.9#
279 67.6 22.8 34.2#



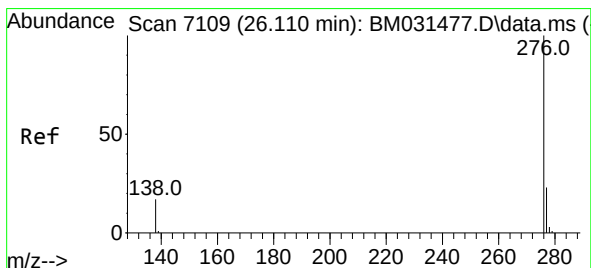
Instrument :
BNA_M
ClientSampleId :
C0076

Manual Integrations
APPROVED

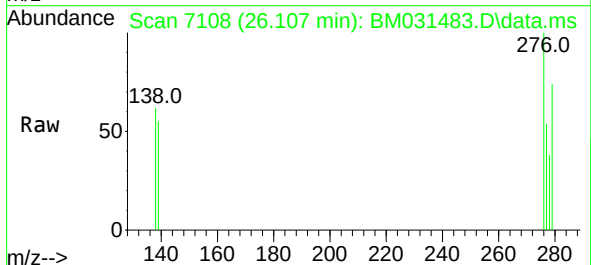
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#29
Benzo(g,h,i)perylene
Concen: 0.024 ng/ul
RT: 26.107 min Scan# 7108
Delta R.T. -0.002 min
Lab File: BM031483.D
Acq: 05 Aug 2021 15:07



Tgt Ion: 276 Resp: 577
Ion Ratio Lower Upper
276 100
138 61.8 15.4 23.2#
277 53.6 19.9 29.9#

