

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072921\
 Data File : BM031343.D
 Acq On : 01 Aug 2021 10:43
 Operator : CG/JU
 Sample : M3107-10
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BGD00

Manual Integrations
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Quant Time: Aug 02 01:16:40 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 Jul 30 14:16:52 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.604	152	1396	0.400	ng/ul	0.00
4) Naphthalene-d8	10.365	136	5382	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.235	164	3291	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.982	188	6317	0.400	ng/ul	0.00
17) Chrysene-d12	21.173	240	4687	0.400	ng/ul	# 0.00
23) Perylene-d12	23.334	264	4582	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.196	96	2959	1.909	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.962	152	1268	0.140	ng/ul	0.00
18) Fluoranthene-d10	19.012	212	2645	0.169	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.415	128	432	0.027	ng/ul#	68
10) Acenaphthylene	13.954	152	1247	0.089	ng/ul#	91
11) Acenaphthene	14.300	153	507	0.043	ng/ul	97
12) Fluorene	15.285	166	602	0.044	ng/ul#	93
15) Phenanthrene	17.023	178	9248	0.461	ng/ul	99
16) Anthracene	17.114	178	3904	0.208	ng/ul	98
19) Fluoranthene	19.043	202	24991	1.249	ng/ul	98
20) Pyrene	19.405	202	20057	0.988	ng/ul	97
21) Benzo(a)anthracene	21.156	228	14236	0.752	ng/ul	95
22) Chrysene	21.207	228	12464	0.637	ng/ul	98
24) Benzo(b)fluoranthene	22.696	252	16685m	0.808	ng/ul	
25) Benzo(k)fluoranthene	22.730	252	5922m	0.278	ng/ul	
26) Benzo(a)pyrene	23.239	252	10121	0.560	ng/ul#	94
27) Indeno(1,2,3-cd)pyrene	25.473	276	6371	0.273	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.483	278	1912	0.102	ng/ul#	64
29) Benzo(g,h,i)perylene	26.125	276	413	0.021	ng/ul#	30

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

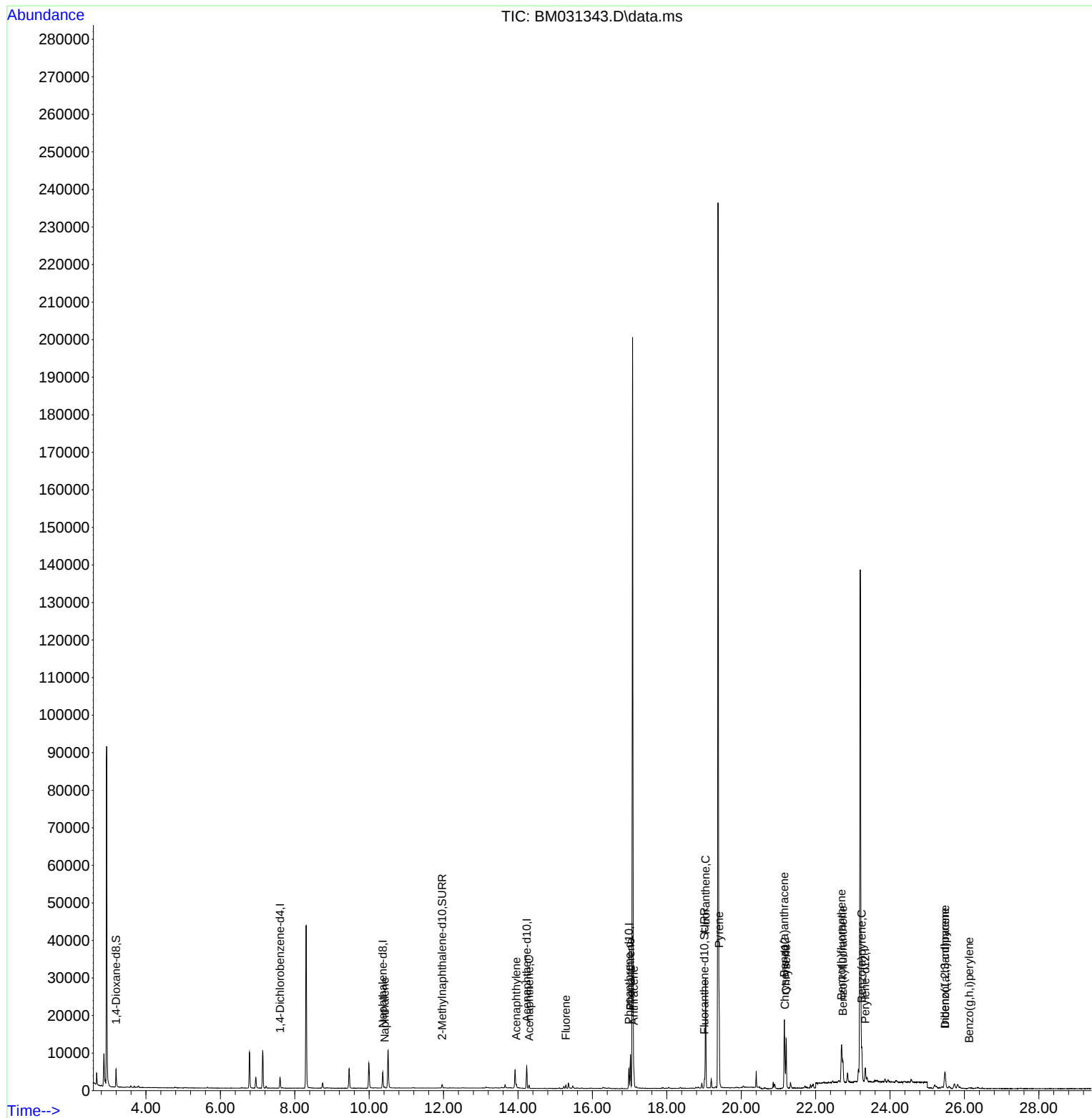
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072921\
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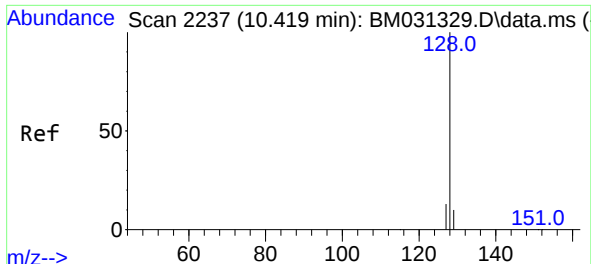
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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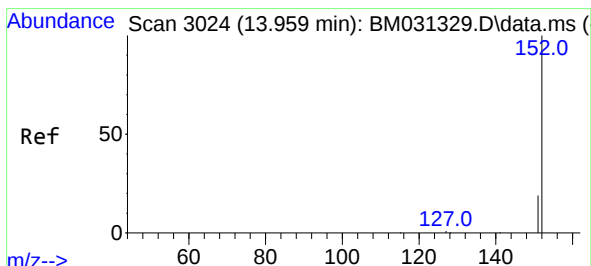
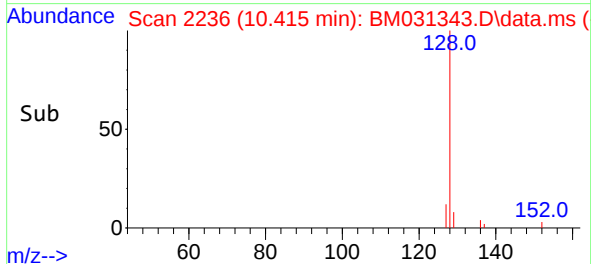
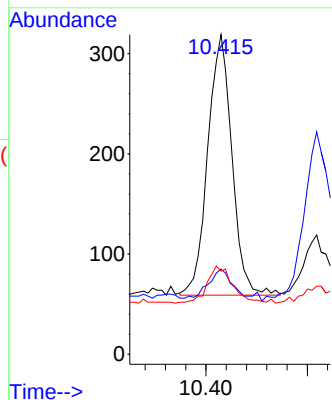
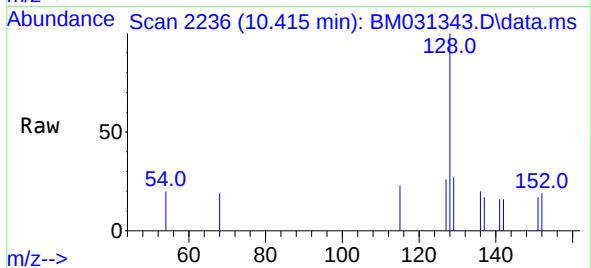
#5
Naphthalene
Concen: 0.027 ng/ul
RT: 10.415 min Scan# 2236
Delta R.T. -0.008 min
Lab File: BM031343.D
Acq: 01 Aug 2021 10:43

Tgt Ion:	128	Resp:	432
Ion	Ratio	Lower	Upper
128	100		
129	26.6	10.0	15.0#
127	26.0	11.6	17.4#

Instrument :
BNA_M
ClientSampleId :
BGD00

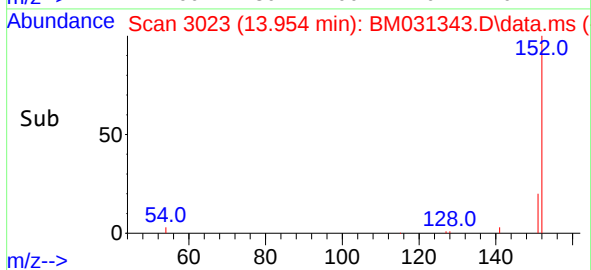
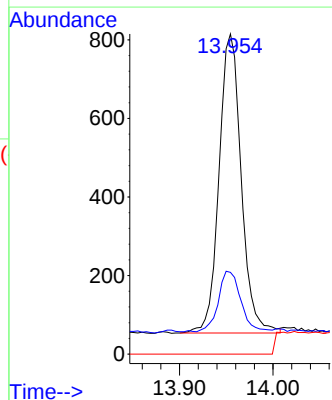
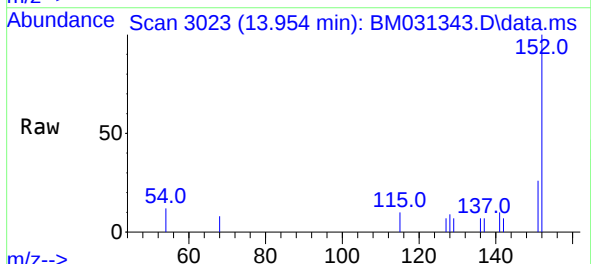
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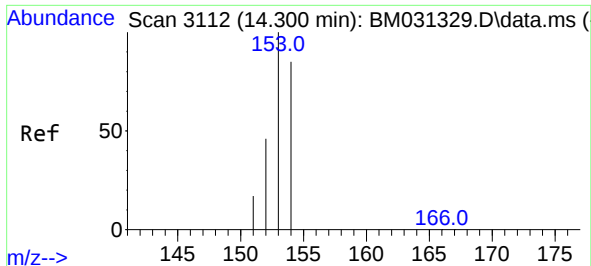
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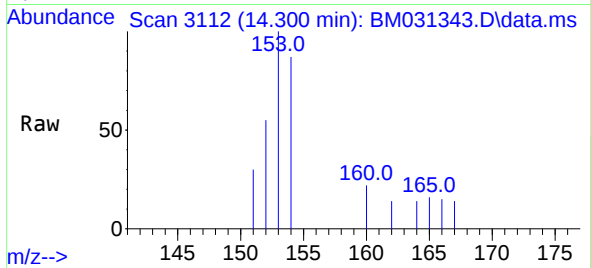
#10
Acenaphthylene
Concen: 0.089 ng/ul
RT: 13.954 min Scan# 3023
Delta R.T. -0.008 min
Lab File: BM031343.D
Acq: 01 Aug 2021 10:43

Tgt Ion:	152	Resp:	1247
Ion	Ratio	Lower	Upper
152	100		
151	25.5	16.9	25.3#
153	0.0	0.0	0.0

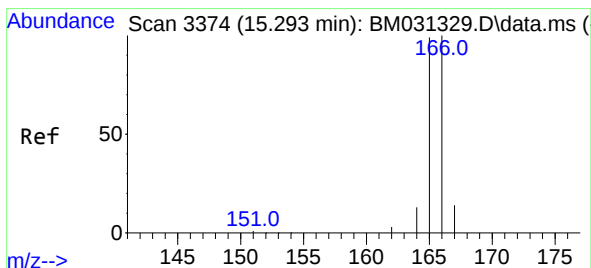
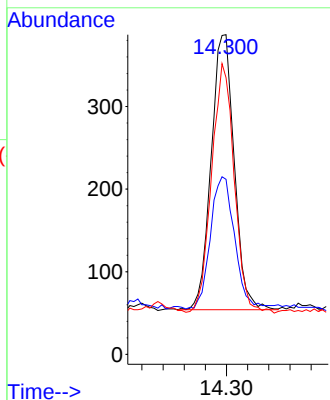
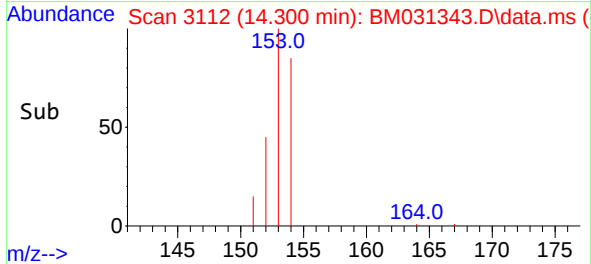




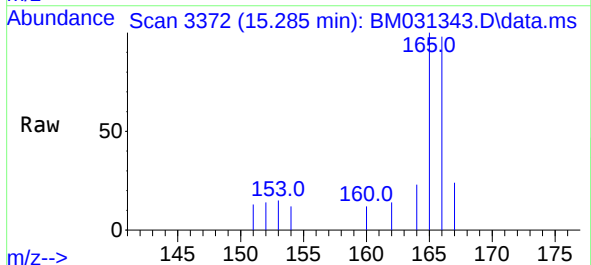
#11
Acenaphthene
Concen: 0.043 ng/u1
RT: 14.300 min Scan# 3112
Delta R.T. -0.003 min
Lab File: BM031343.D
Acq: 01 Aug 2021 10:43



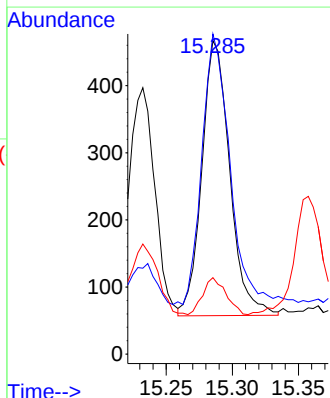
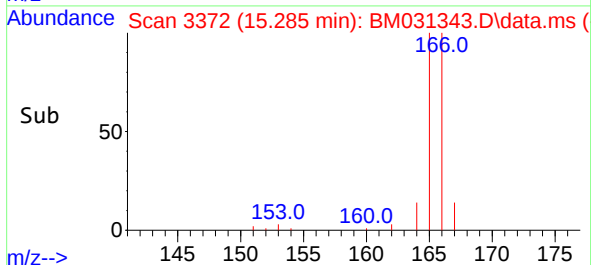
Tgt Ion:153 Resp: 507
Ion Ratio Lower Upper
153 100
152 54.8 40.7 61.1
154 86.6 70.2 105.2



#12
Fluorene
Concen: 0.044 ng/u1
RT: 15.285 min Scan# 3372
Delta R.T. -0.011 min
Lab File: BM031343.D
Acq: 01 Aug 2021 10:43



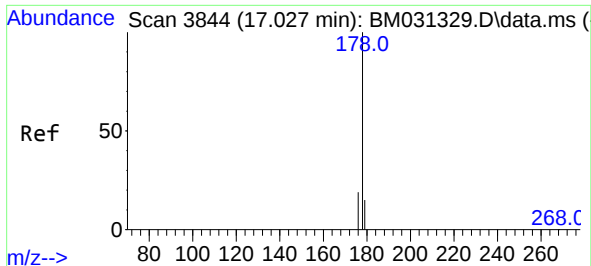
Tgt Ion:166 Resp: 602
Ion Ratio Lower Upper
166 100
165 102.1 78.0 117.0
167 24.4 12.0 18.0#



Instrument :
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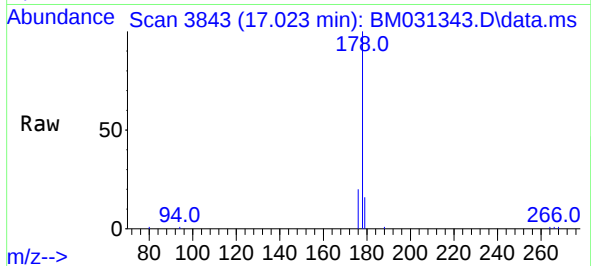
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#15
Phenanthrene
Concen: 0.461 ng/u1
RT: 17.023 min Scan# 3843
Delta R.T. -0.007 min
Lab File: BM031343.D
Acq: 01 Aug 2021 10:43

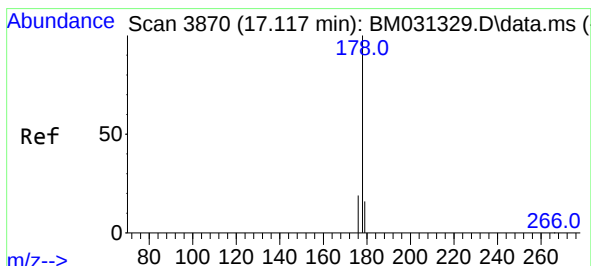
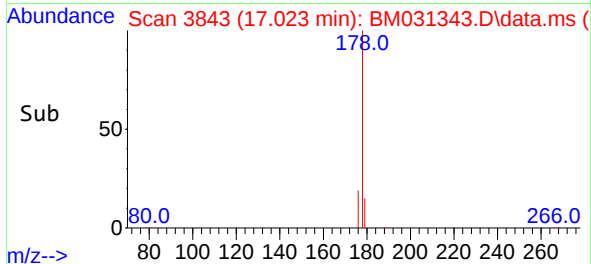
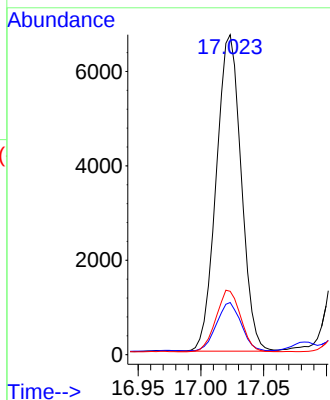
Instrument :
BNA_M
ClientSampled :
BGD00



Tgt Ion:	178	Resp:	9248
Ion Ratio	Lower	Upper	
178	100		
179	16.3	13.3	19.9
176	19.8	16.2	24.4

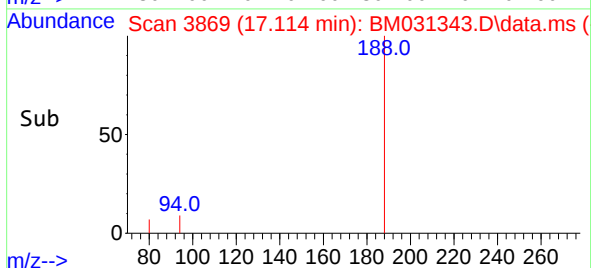
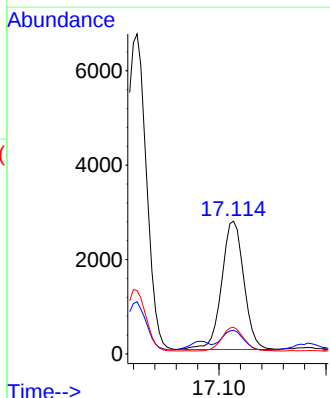
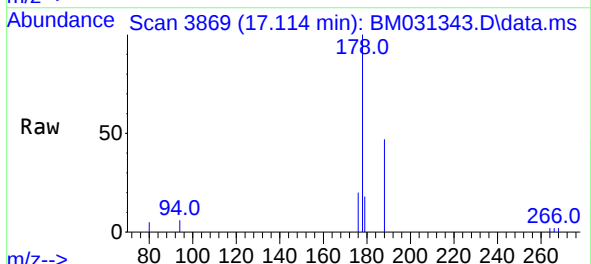
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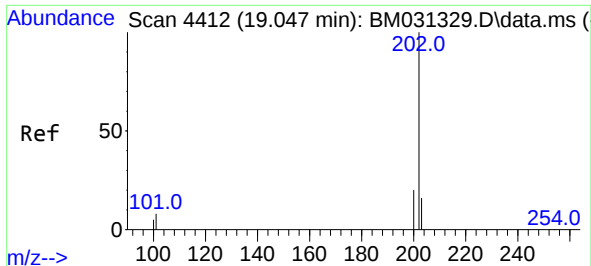
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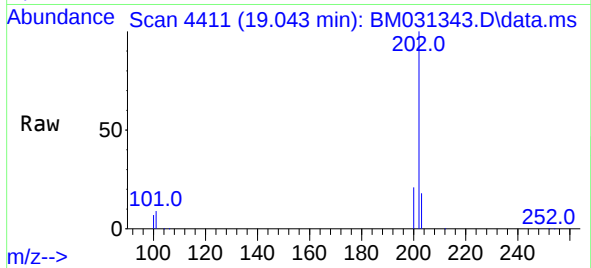
#16
Anthracene
Concen: 0.208 ng/u1
RT: 17.114 min Scan# 3869
Delta R.T. -0.006 min
Lab File: BM031343.D
Acq: 01 Aug 2021 10:43

Tgt Ion:	178	Resp:	3904
Ion Ratio	Lower	Upper	
178	100		
179	17.8	13.0	19.6
176	20.1	15.6	23.4

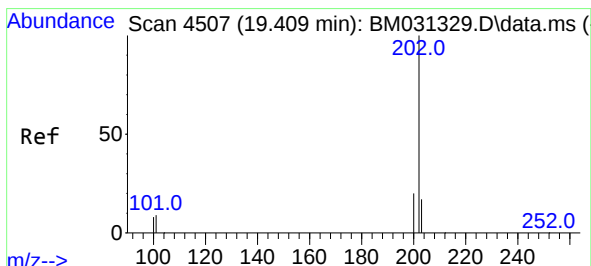
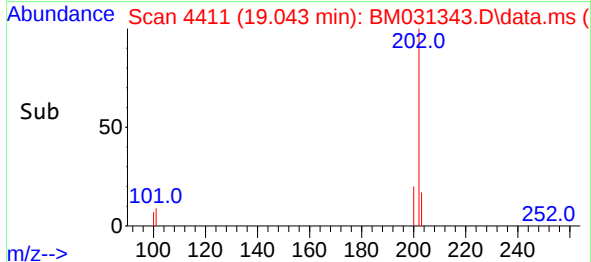
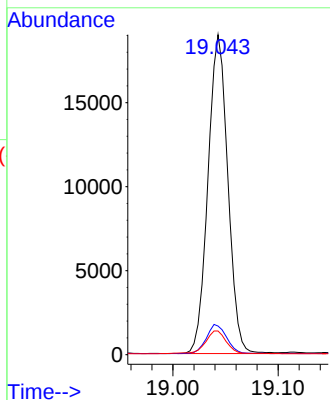




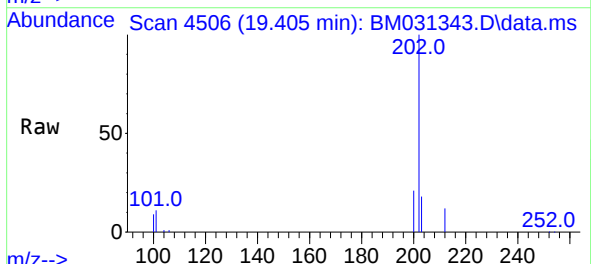
#19
Fluoranthene
Concen: 1.249 ng/u1
RT: 19.043 min Scan# 4411
Delta R.T. -0.007 min
Lab File: BM031343.D
Acq: 01 Aug 2021 10:43



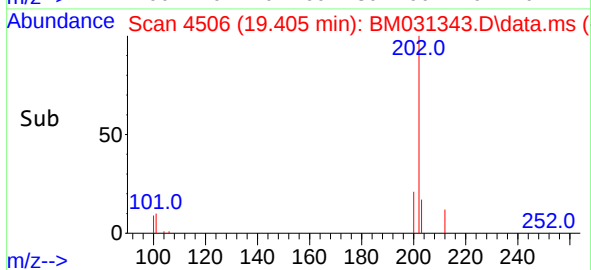
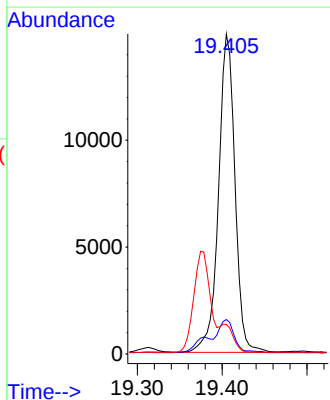
Tgt Ion:202 Resp: 24991
Ion Ratio Lower Upper
202 100
101 8.9 6.6 10.0
100 7.4 5.4 8.0



#20
Pyrene
Concen: 0.988 ng/u1
RT: 19.405 min Scan# 4506
Delta R.T. -0.007 min
Lab File: BM031343.D
Acq: 01 Aug 2021 10:43



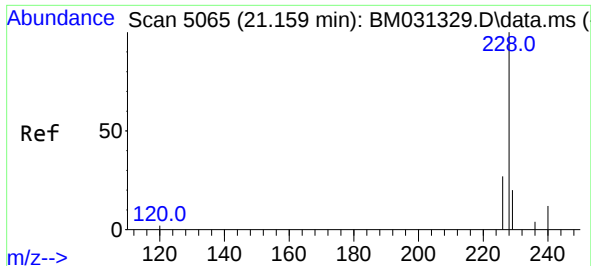
Tgt Ion:202 Resp: 20057
Ion Ratio Lower Upper
202 100
101 10.8 7.8 11.6
100 9.2 6.6 10.0



Instrument :
BNA_M
ClientSampled :
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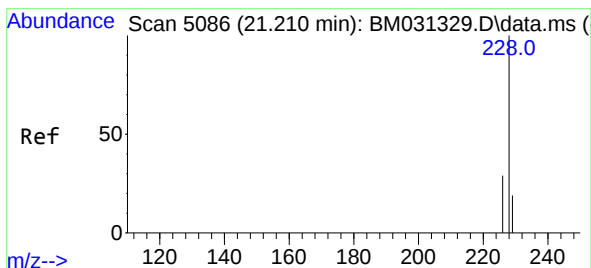
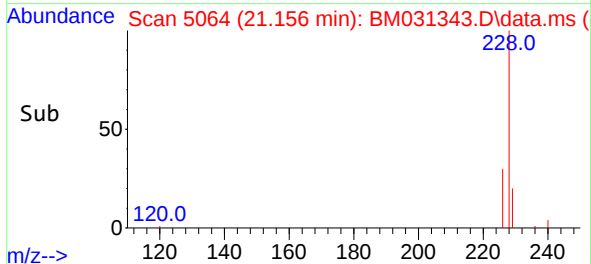
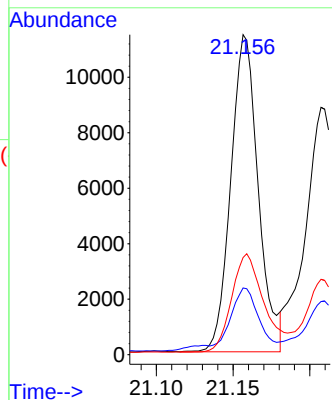
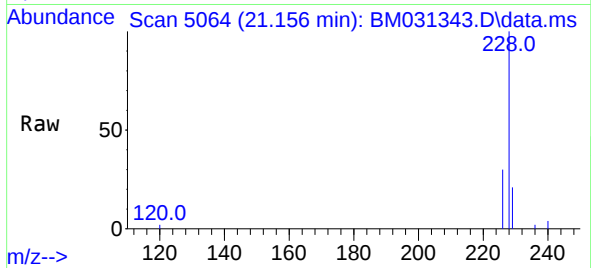
#21
Benzo(a)anthracene
Concen: 0.752 ng/u1
RT: 21.156 min Scan# 5064
Delta R.T. -0.004 min
Lab File: BM031343.D
Acq: 01 Aug 2021 10:43

Tgt Ion:	228	Resp:	14236
Ion Ratio	Lower	Upper	
228	100		
229	20.8	15.6	23.4
226	30.4	21.7	32.5

Instrument :
BNA_M
ClientSampled :
BGD00

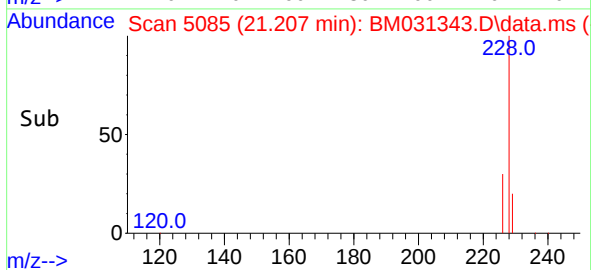
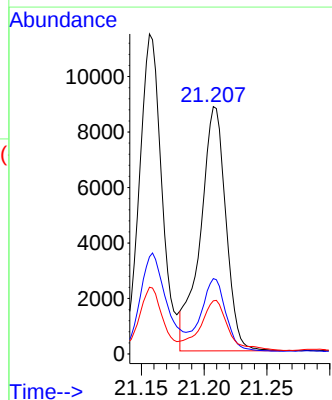
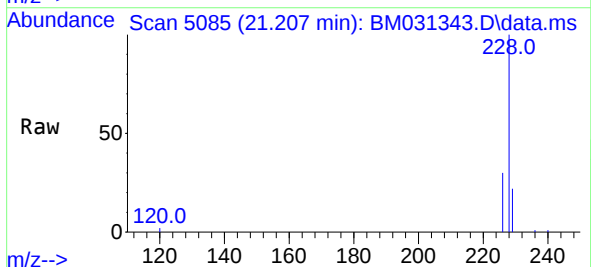
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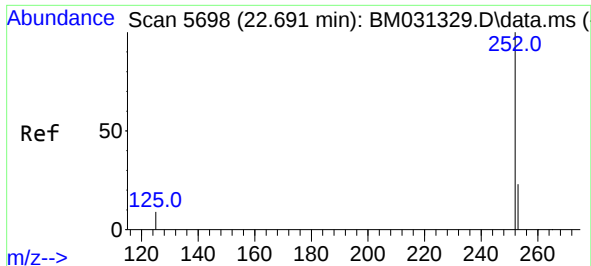
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#22
Chrysene
Concen: 0.637 ng/u1
RT: 21.207 min Scan# 5085
Delta R.T. -0.007 min
Lab File: BM031343.D
Acq: 01 Aug 2021 10:43

Tgt Ion:	228	Resp:	12464
Ion Ratio	Lower	Upper	
228	100		
226	30.5	24.7	37.1
229	21.5	16.2	24.2





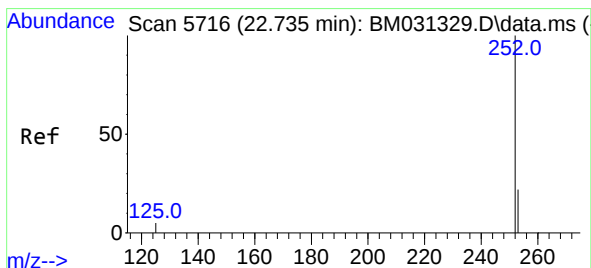
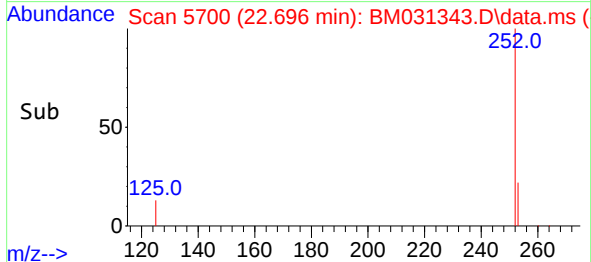
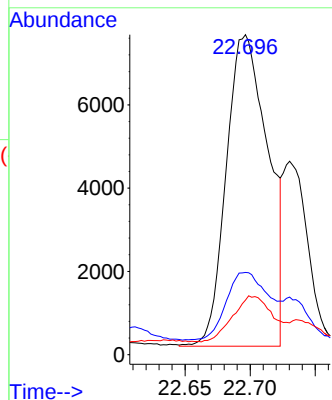
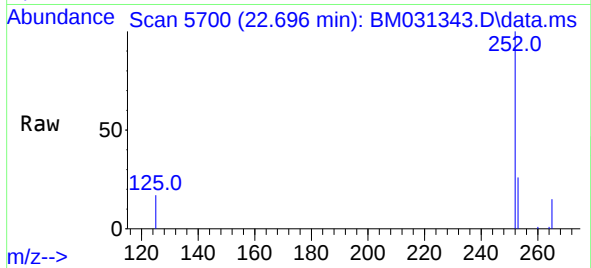
#24
Benzo(b)fluoranthene
Concen: 0.808 ng/ul m
RT: 22.696 min Scan# 5700
Delta R.T. -0.002 min
Lab File: BM031343.D
Acq: 01 Aug 2021 10:43

Tgt Ion:	252	Resp:	16685
Ion Ratio	Lower	Upper	
252	100		
253	25.7	0.0	53.0
125	17.0	0.0	22.8

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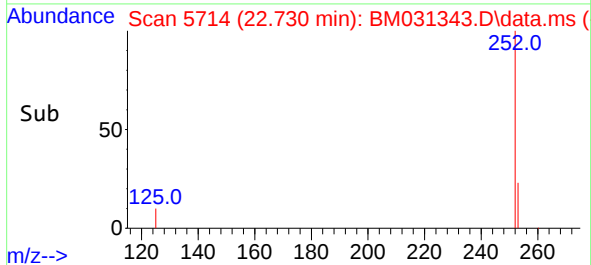
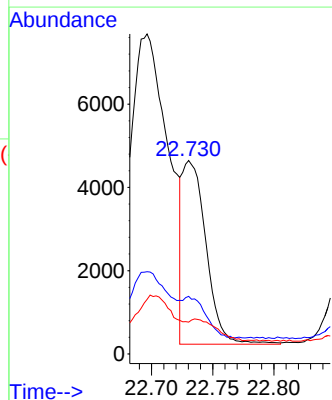
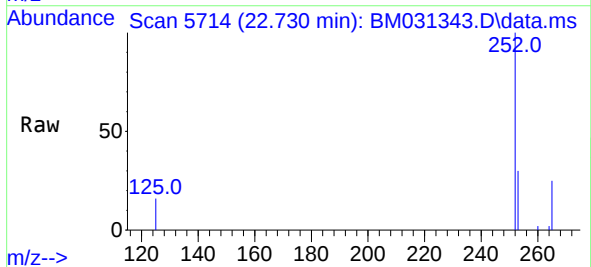
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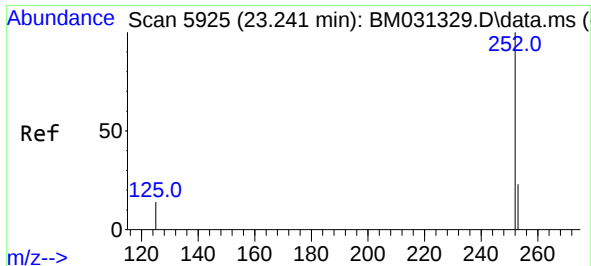
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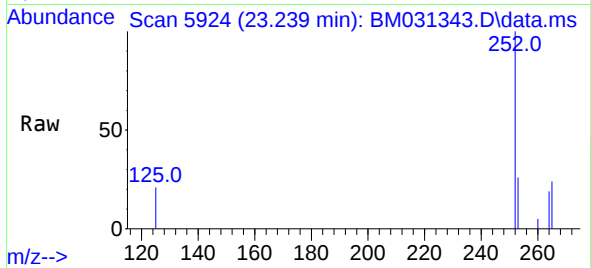
#25
Benzo(k)fluoranthene
Concen: 0.278 ng/ul m
RT: 22.730 min Scan# 5714
Delta R.T. -0.009 min
Lab File: BM031343.D
Acq: 01 Aug 2021 10:43

Tgt Ion:	252	Resp:	5922
Ion Ratio	Lower	Upper	
252	100		
253	29.8	21.3	31.9
125	16.4	8.8	13.2#

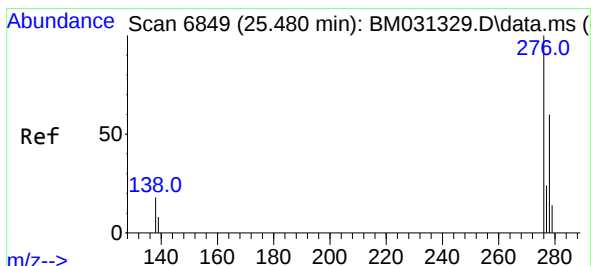
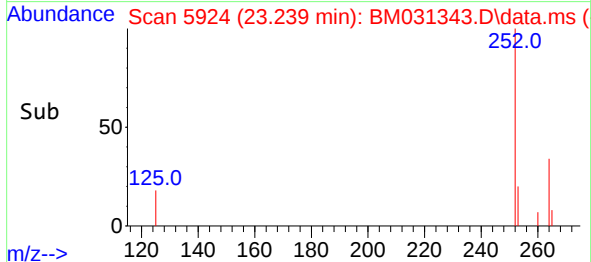
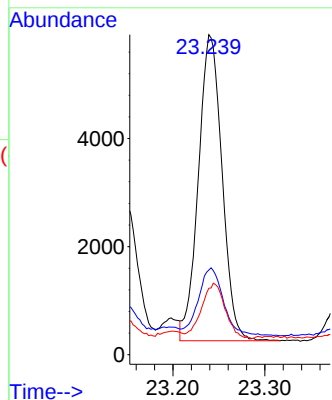




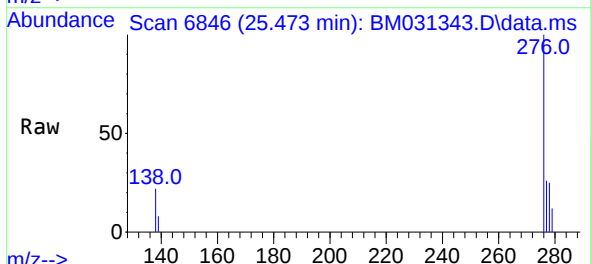
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Benzo(a)pyrene
Concen: 0.560 ng/ul
RT: 23.239 min Scan# 5924
Delta R.T. -0.009 min
Lab File: BM031343.D
Acq: 01 Aug 2021 10:43



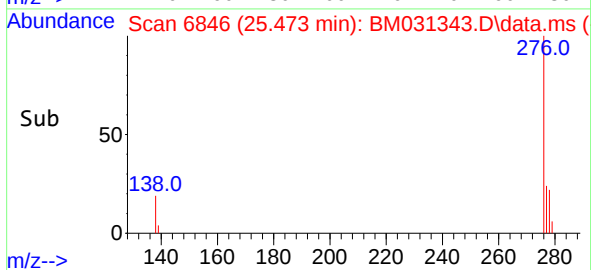
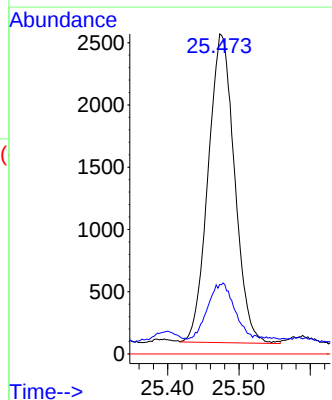
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Ion Ratio Lower Upper
252 100
253 26.5 22.4 33.6
125 20.7 13.0 19.4#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.273 ng/ul
RT: 25.473 min Scan# 6846
Delta R.T. -0.017 min
Lab File: BM031343.D
Acq: 01 Aug 2021 10:43



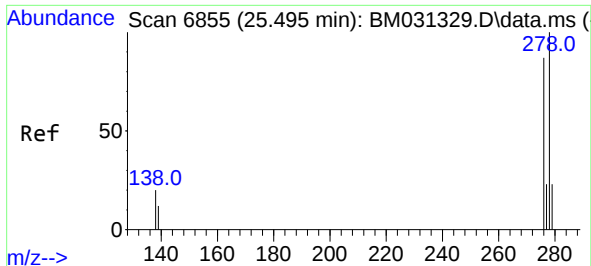
Tgt Ion:276 Resp: 6371
Ion Ratio Lower Upper
276 100
138 19.5 15.8 23.8
227 0.0 0.0 0.0



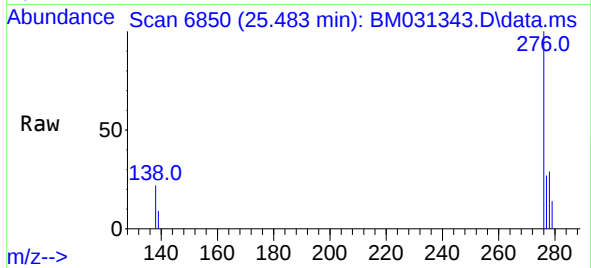
Instrument :
BNA_M
ClientSampled :
BGD00

Manual Integrations
APPROVED

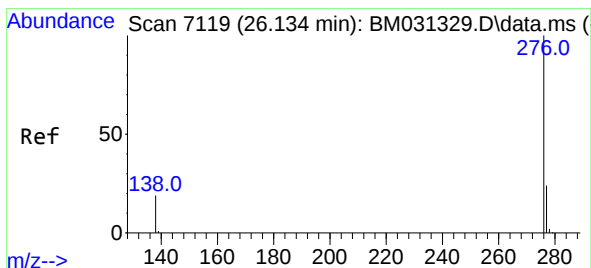
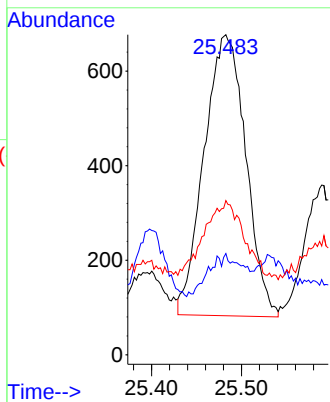
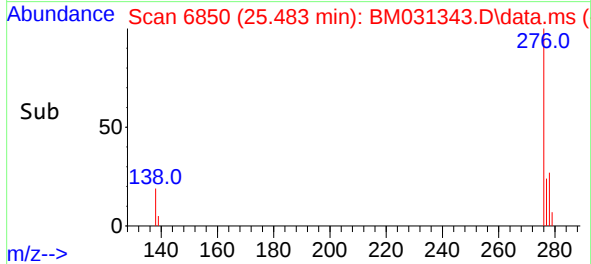
mohammad
8/2/2021 3:43:07 PM



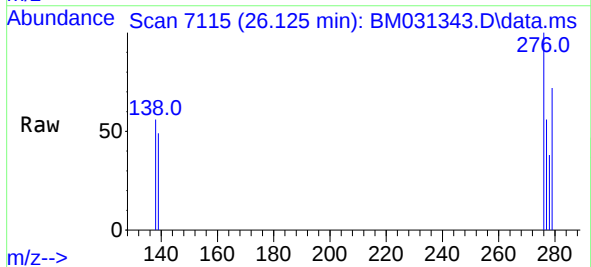
#28
Dibenzo(a,h)anthracene
Concen: 0.102 ng/ul
RT: 25.483 min Scan# 6850
Delta R.T. -0.021 min
Lab File: BM031343.D
Acq: 01 Aug 2021 10:43



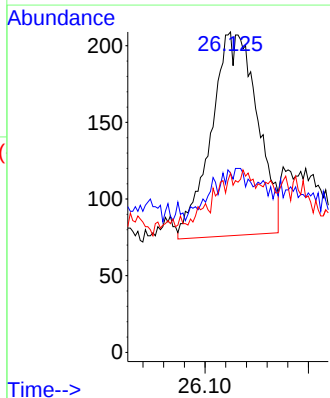
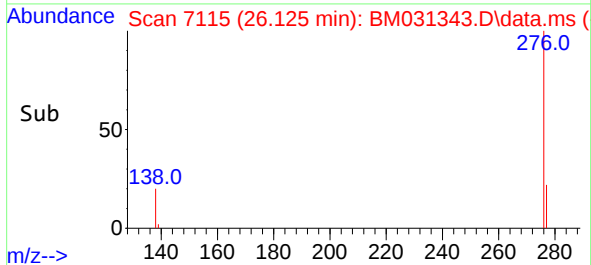
Tgt Ion: 278 Resp: 1912
Ion Ratio Lower Upper
278 100
139 31.6 13.3 19.9#
279 48.2 22.8 34.2#



#29
Benzo(g,h,i)perylene
Concen: 0.021 ng/ul
RT: 26.125 min Scan# 7115
Delta R.T. -0.019 min
Lab File: BM031343.D
Acq: 01 Aug 2021 10:43



Tgt Ion: 276 Resp: 413
Ion Ratio Lower Upper
276 100
138 56.0 15.4 23.2#
277 56.0 19.9 29.9#



Instrument :
BNA_M
ClientSampleId :
BGD00

Manual Integrations
APPROVED

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8/2/2021 3:43:07 PM