

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072921\
 Data File : BM031359.D
 Acq On : 01 Aug 2021 21:38
 Operator : CG/JU
 Sample : M3106-09
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BGD20

Manual Integrations
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Quant Time: Aug 02 01:18:33 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	1384	0.400	ng/ul	0.00
4) Naphthalene-d8	10.361	136	5114	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.231	164	2978	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.982	188	5793	0.400	ng/ul	0.00
17) Chrysene-d12	21.171	240	5730	0.400	ng/ul	# 0.00
23) Perylene-d12	23.336	264	5914	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.196	96	1847	1.202	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.957	152	1086	0.126	ng/ul	0.00
18) Fluoranthene-d10	19.009	212	2429	0.127	ng/ul	-0.01
Target Compounds						
					Qvalue	
7) 2-Methylnaphthalene	12.034	142	212	0.020	ng/ul	96
10) Acenaphthylene	13.954	152	526	0.041	ng/ul#	64
11) Acenaphthene	14.296	153	2292	0.215	ng/ul	95
12) Fluorene	15.285	166	4169	0.339	ng/ul	98
15) Phenanthrene	17.020	178	102067	5.549	ng/ul	97
16) Anthracene	17.114	178	22006	1.278	ng/ul	99
19) Fluoranthene	19.043	202	189585	7.748	ng/ul	99
20) Pyrene	19.405	202	145076	5.846	ng/ul	100
21) Benzo(a)anthracene	21.156	228	73687	3.185	ng/ul	98
22) Chrysene	21.207	228	74631	3.118	ng/ul	97
24) Benzo(b)fluoranthene	22.694	252	100105m	3.757	ng/ul	
25) Benzo(k)fluoranthene	22.730	252	34923m	1.269	ng/ul	
26) Benzo(a)pyrene	23.241	252	57109	2.447	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	25.475	276	43877	1.455	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.483	278	11676	0.480	ng/ul#	72
29) Benzo(g,h,i)perylene	26.127	276	6824	0.265	ng/ul#	66

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

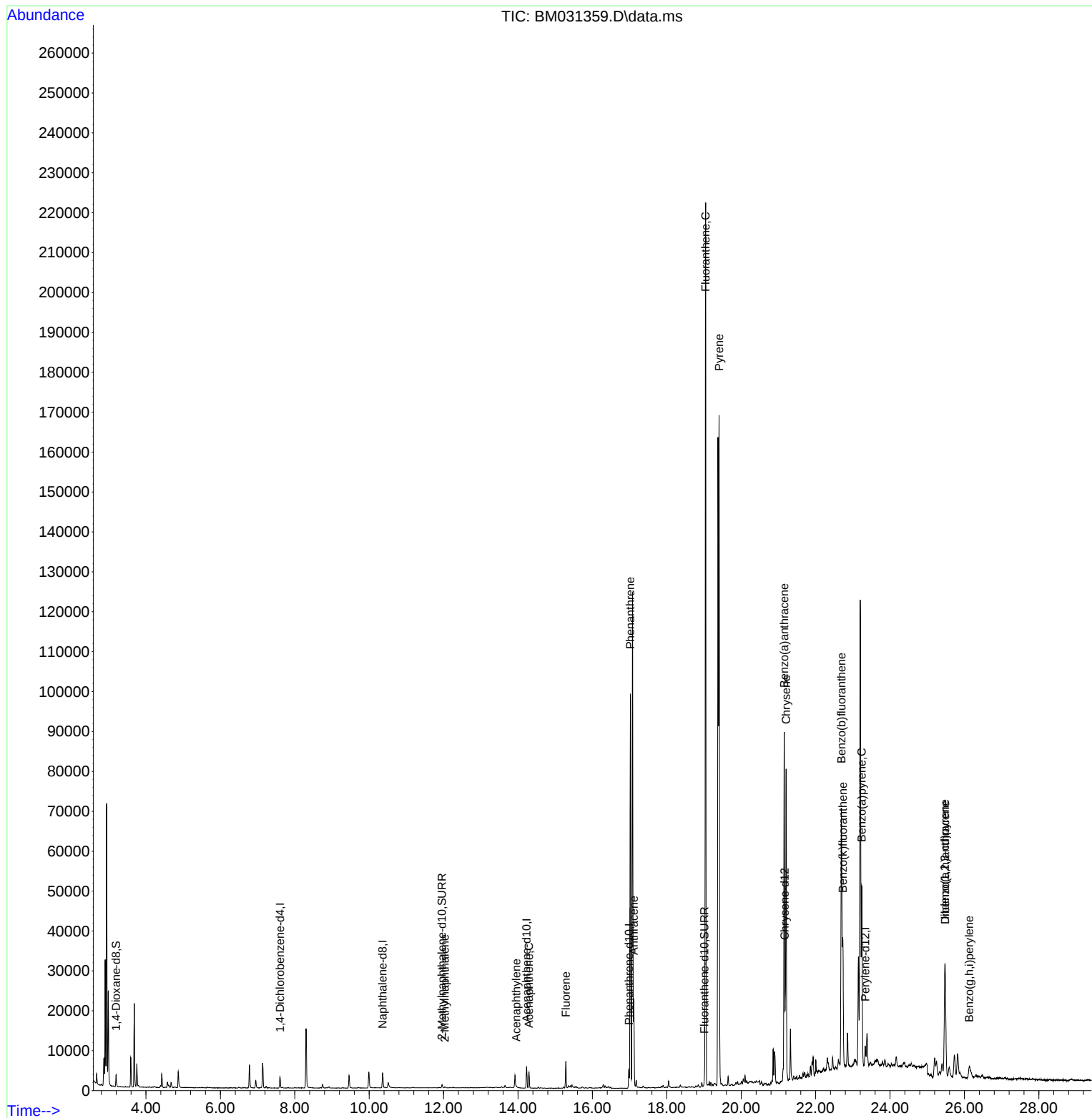
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072921\
Data File : BM031359.D
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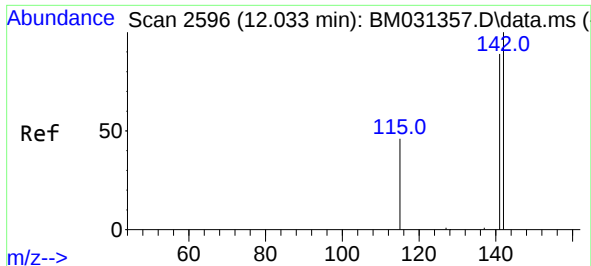
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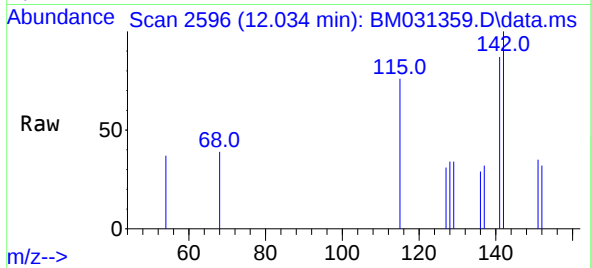
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Quant Time: Aug 02 01:18:33 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 30 14:16:52 2021
Response via : Initial Calibration

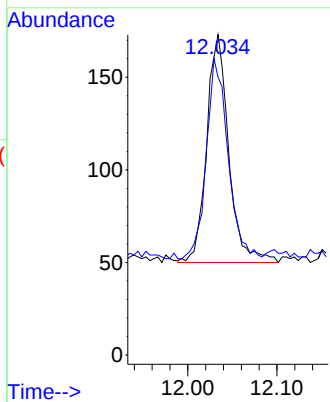
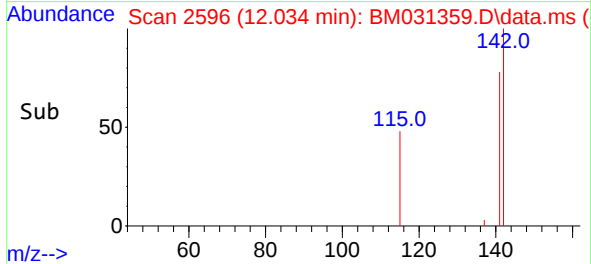




#7
2-Methylnaphthalene
Concen: 0.020 ng/ul
RT: 12.034 min Scan# 2596
Delta R.T. -0.008 min
Lab File: BM031359.D
Acq: 01 Aug 2021 21:38



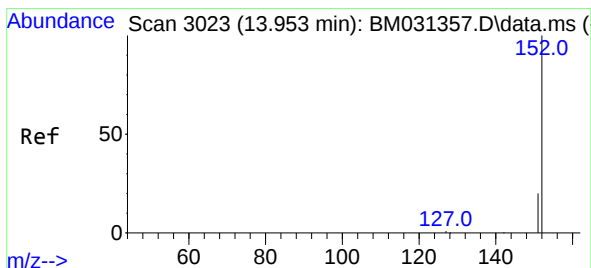
Tgt Ion:142 Resp: 212
Ion Ratio Lower Upper
142 100
141 85.8 71.4 107.0



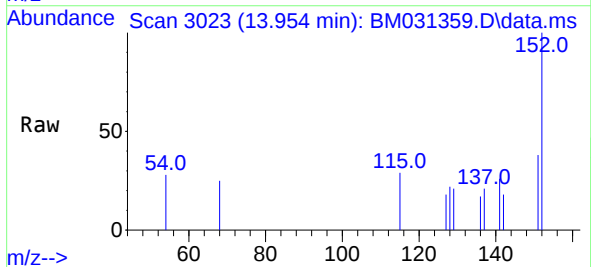
Instrument :
BNA_M
ClientSampled :
BGD20

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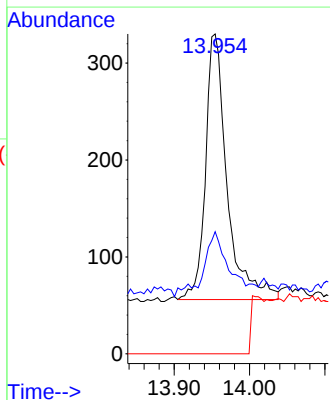
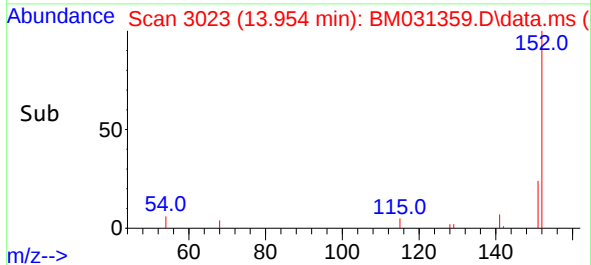
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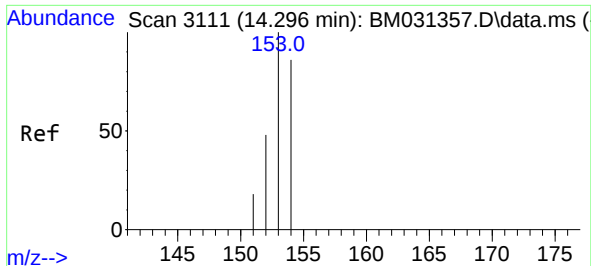


#10
Acenaphthylene
Concen: 0.041 ng/ul
RT: 13.954 min Scan# 3023
Delta R.T. -0.008 min
Lab File: BM031359.D
Acq: 01 Aug 2021 21:38

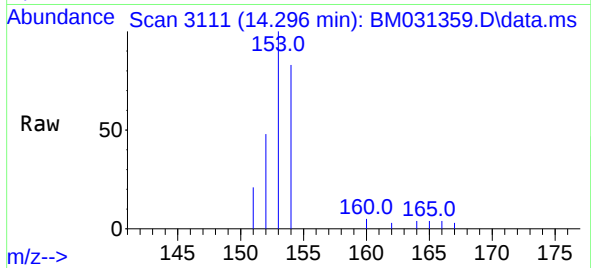


Tgt Ion:152 Resp: 526
Ion Ratio Lower Upper
152 100
151 38.2 16.9 25.3#
153 0.0 0.0 0.0

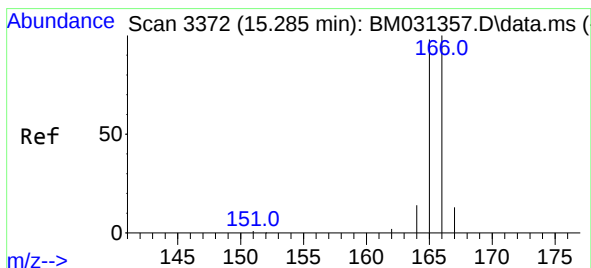
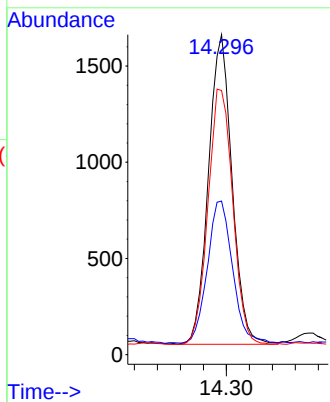
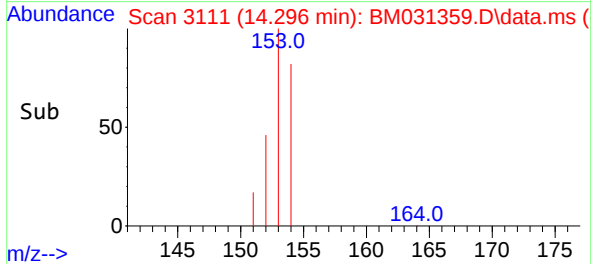




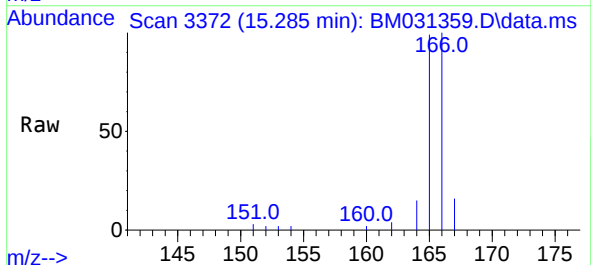
#11
Acenaphthene
Concen: 0.215 ng/ul
RT: 14.296 min Scan# 3111
Delta R.T. -0.007 min
Lab File: BM031359.D
Acq: 01 Aug 2021 21:38



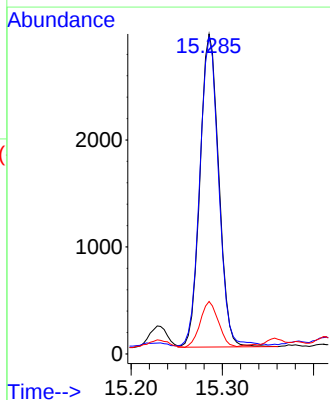
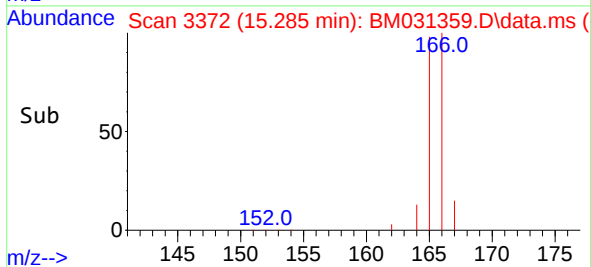
Tgt Ion:153 Resp: 2292
Ion Ratio Lower Upper
153 100
152 48.0 40.7 61.1
154 82.6 70.2 105.2



#12
Fluorene
Concen: 0.339 ng/ul
RT: 15.285 min Scan# 3372
Delta R.T. -0.011 min
Lab File: BM031359.D
Acq: 01 Aug 2021 21:38



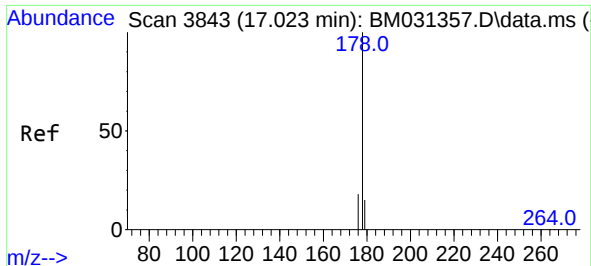
Tgt Ion:166 Resp: 4169
Ion Ratio Lower Upper
166 100
165 99.0 78.0 117.0
167 16.4 12.0 18.0



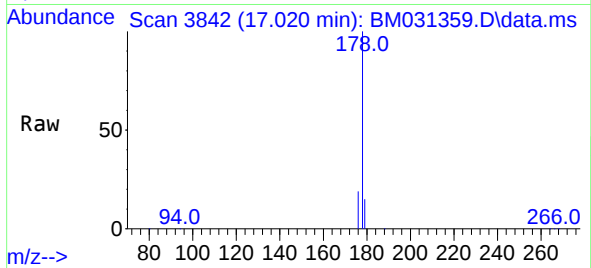
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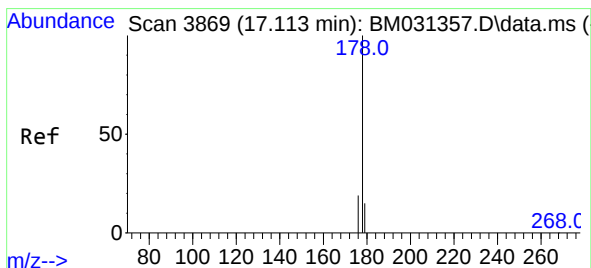
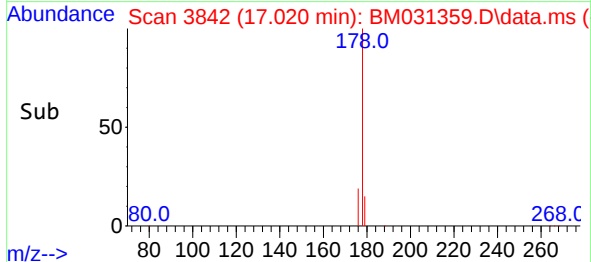
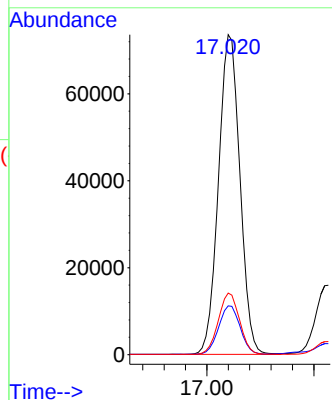
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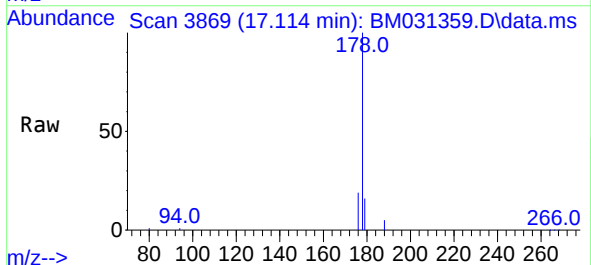
#15
Phenanthrene
Concen: 5.549 ng/u1
RT: 17.020 min Scan# 3842
Delta R.T. -0.010 min
Lab File: BM031359.D
Acq: 01 Aug 2021 21:38



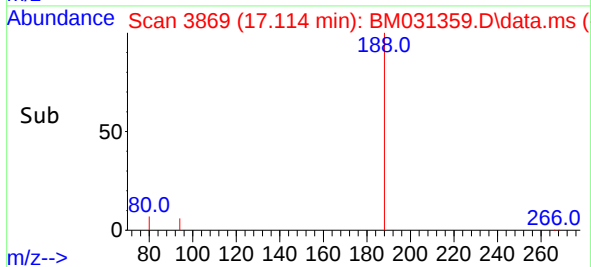
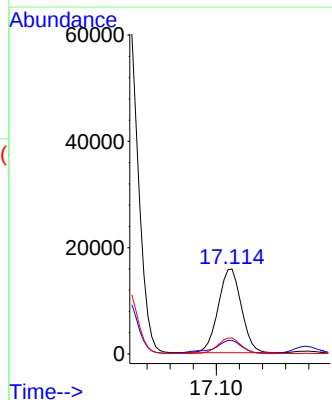
Tgt Ion:178 Resp: 102067
Ion Ratio Lower Upper
178 100
179 15.3 13.3 19.9
176 19.3 16.2 24.4



#16
Anthracene
Concen: 1.278 ng/u1
RT: 17.114 min Scan# 3869
Delta R.T. -0.006 min
Lab File: BM031359.D
Acq: 01 Aug 2021 21:38



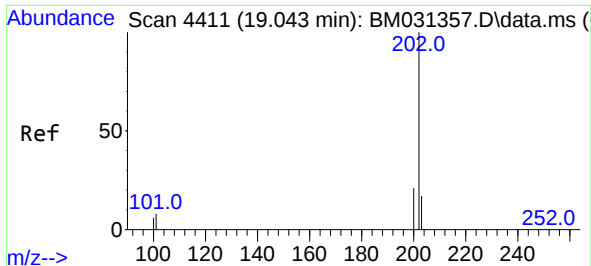
Tgt Ion:178 Resp: 22006
Ion Ratio Lower Upper
178 100
179 16.0 13.0 19.6
176 18.8 15.6 23.4



Instrument :
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ClientSampled :
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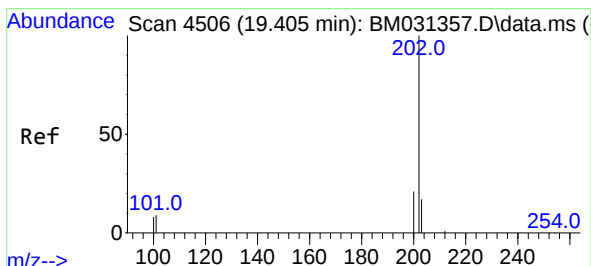
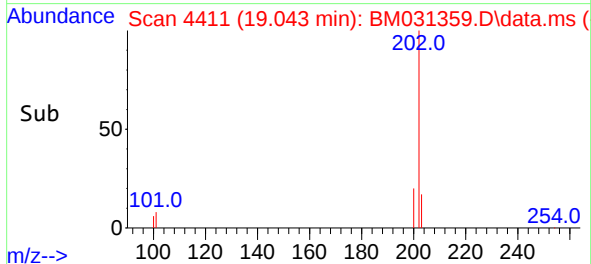
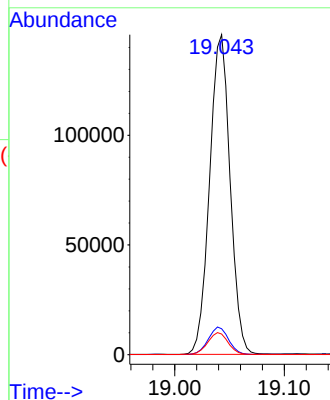
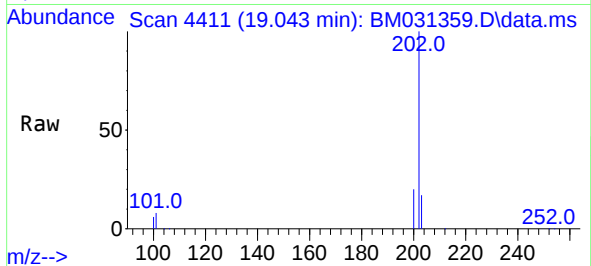
#19
Fluoranthene
Concen: 7.748 ng/u1
RT: 19.043 min Scan# 4411
Delta R.T. -0.007 min
Lab File: BM031359.D
Acq: 01 Aug 2021 21:38

Tgt Ion:	202	Resp:	189585
Ion Ratio	Lower	Upper	
202	100		
101	8.1	6.6	10.0
100	6.5	5.4	8.0

Instrument :
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BGD20

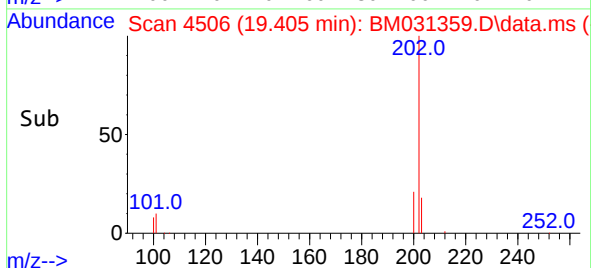
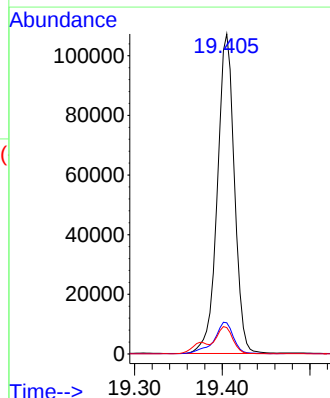
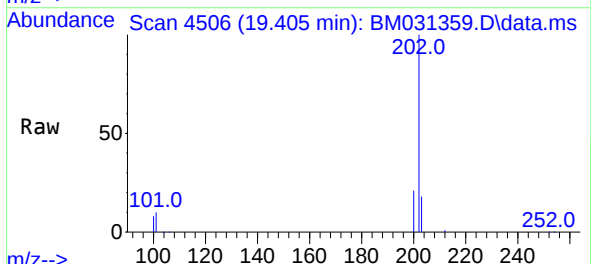
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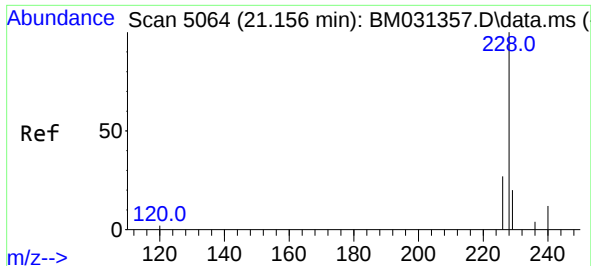
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#20
Pyrene
Concen: 5.846 ng/u1
RT: 19.405 min Scan# 4506
Delta R.T. -0.007 min
Lab File: BM031359.D
Acq: 01 Aug 2021 21:38

Tgt Ion:	202	Resp:	145076
Ion Ratio	Lower	Upper	
202	100		
101	9.8	7.8	11.6
100	8.2	6.6	10.0





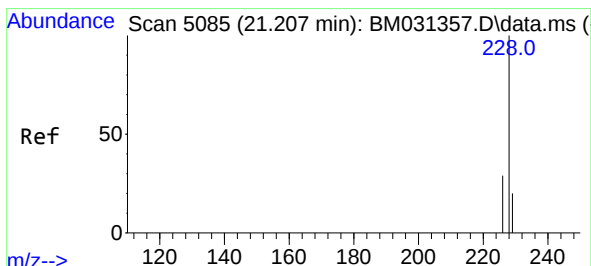
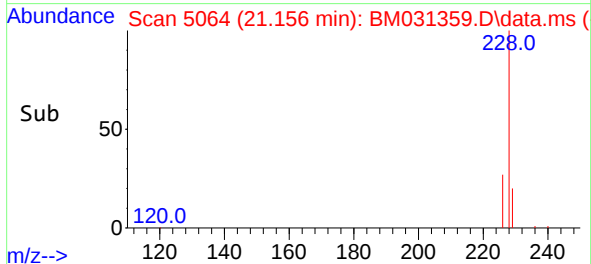
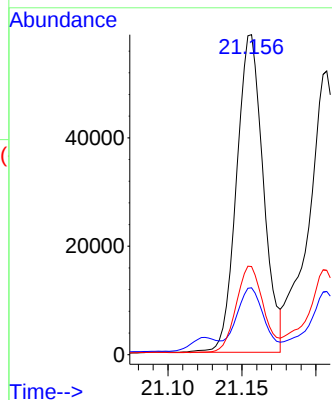
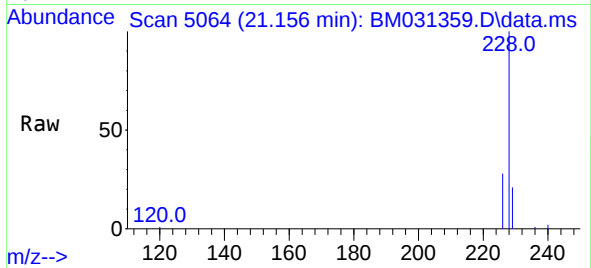
#21
Benzo(a)anthracene
Concen: 3.185 ng/u1
RT: 21.156 min Scan# 5064
Delta R.T. -0.004 min
Lab File: BM031359.D
Acq: 01 Aug 2021 21:38

Tgt Ion:228 Resp: 73687
Ion Ratio Lower Upper
228 100
229 20.9 15.6 23.4
226 27.5 21.7 32.5

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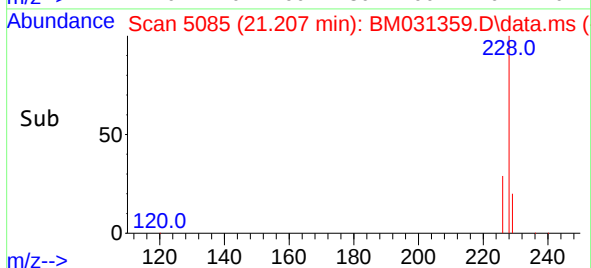
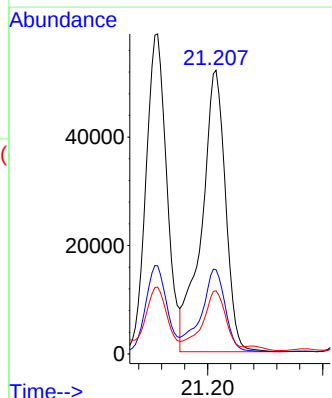
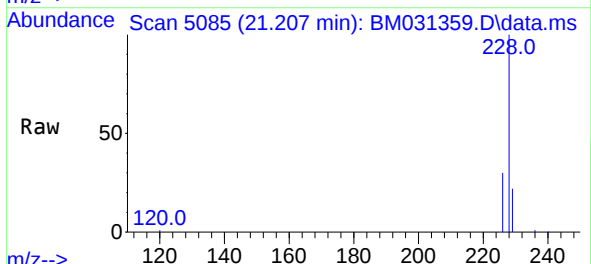
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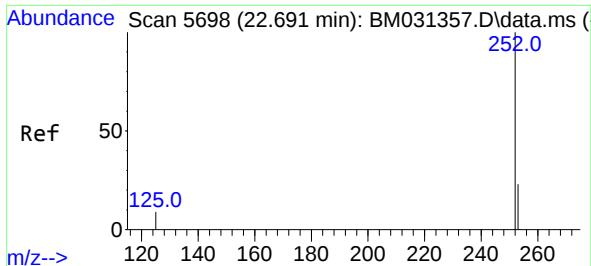
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#22
Chrysene
Concen: 3.118 ng/u1
RT: 21.207 min Scan# 5085
Delta R.T. -0.007 min
Lab File: BM031359.D
Acq: 01 Aug 2021 21:38

Tgt Ion:228 Resp: 74631
Ion Ratio Lower Upper
228 100
226 29.7 24.7 37.1
229 22.3 16.2 24.2





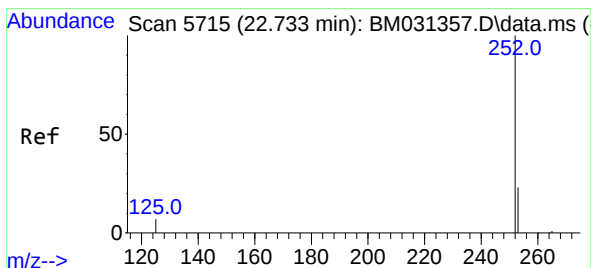
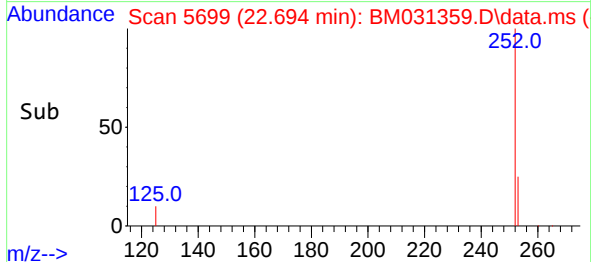
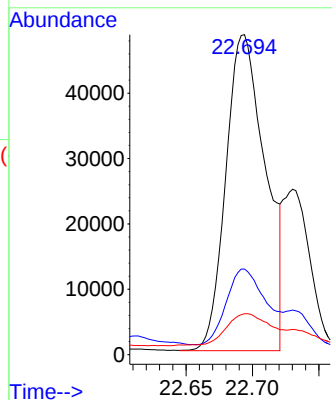
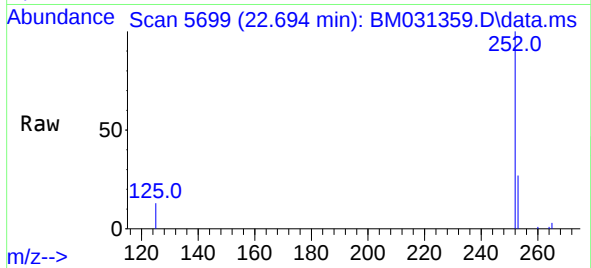
#24
Benzo(b)fluoranthene
Concen: 3.757 ng/ul m
RT: 22.694 min Scan# 5699
Delta R.T. -0.004 min
Lab File: BM031359.D
Acq: 01 Aug 2021 21:38

Tgt Ion:252 Resp: 100105
Ion Ratio Lower Upper
252 100
253 26.7 0.0 53.0
125 12.8 0.0 22.8

Instrument :
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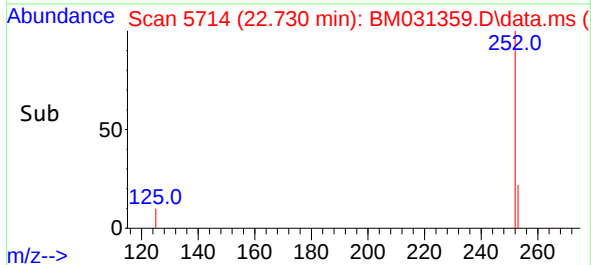
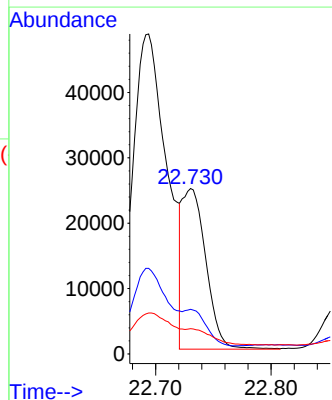
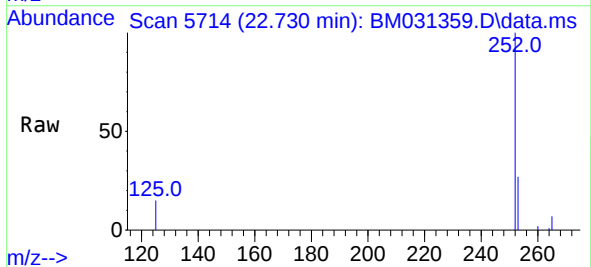
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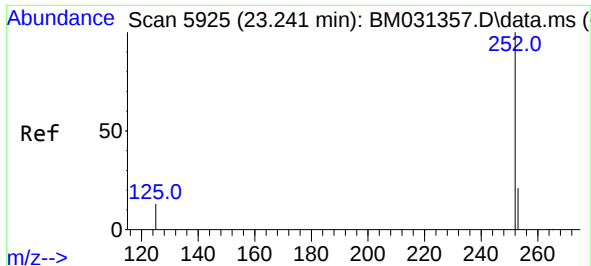
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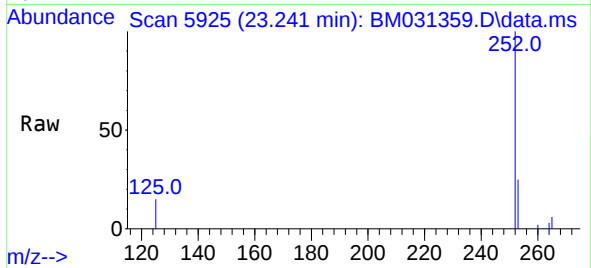
#25
Benzo(k)fluoranthene
Concen: 1.269 ng/ul m
RT: 22.730 min Scan# 5714
Delta R.T. -0.009 min
Lab File: BM031359.D
Acq: 01 Aug 2021 21:38

Tgt Ion:252 Resp: 34923
Ion Ratio Lower Upper
252 100
253 27.0 21.3 31.9
125 15.2 8.8 13.2#

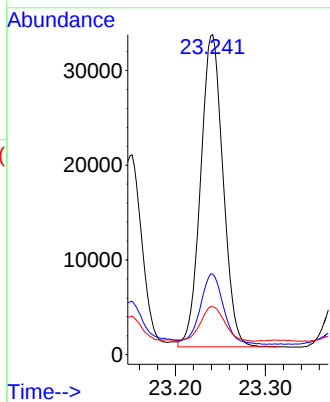
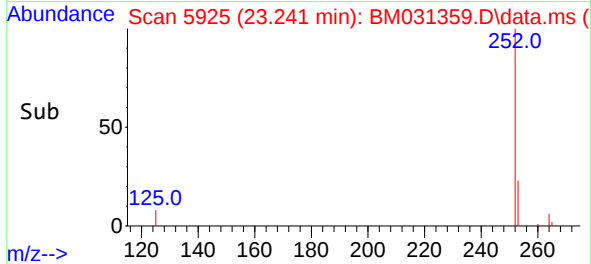




#26
Benzo(a)pyrene
Concen: 2.447 ng/ul
RT: 23.241 min Scan# 5925
Delta R.T. -0.007 min
Lab File: BM031359.D
Acq: 01 Aug 2021 21:38



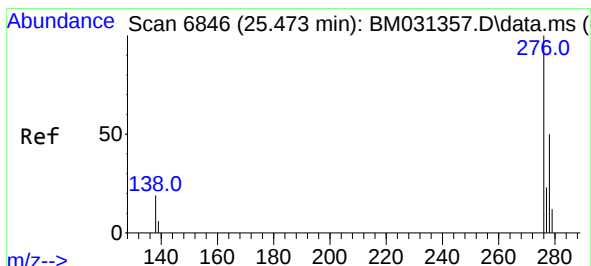
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Ion Ratio Lower Upper
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253 25.2 22.4 33.6
125 14.9 13.0 19.4



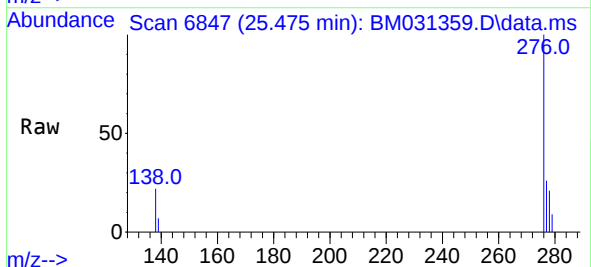
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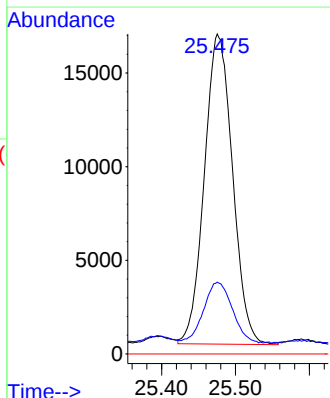
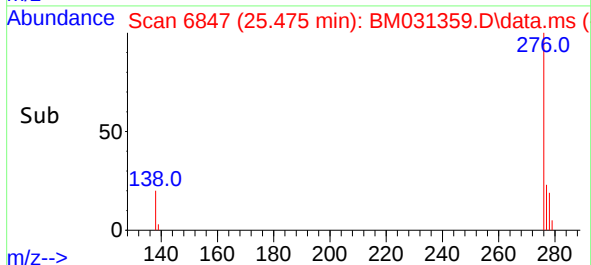
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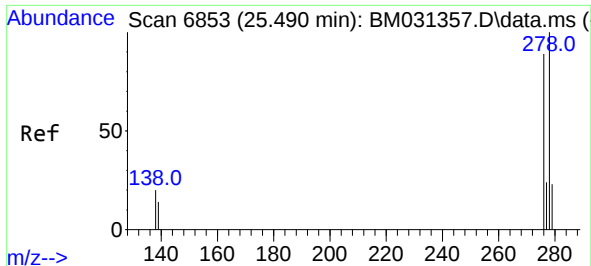


#27
Indeno(1,2,3-cd)pyrene
Concen: 1.455 ng/ul
RT: 25.475 min Scan# 6847
Delta R.T. -0.014 min
Lab File: BM031359.D
Acq: 01 Aug 2021 21:38



Tgt Ion:276 Resp: 43877
Ion Ratio Lower Upper
276 100
138 20.0 15.8 23.8
227 0.0 0.0 0.0





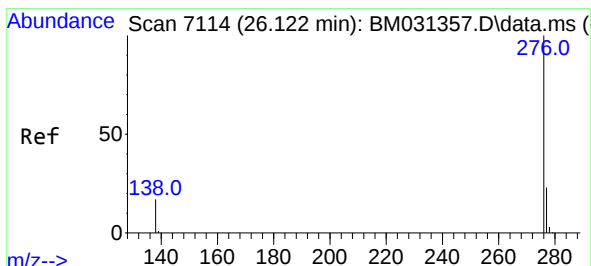
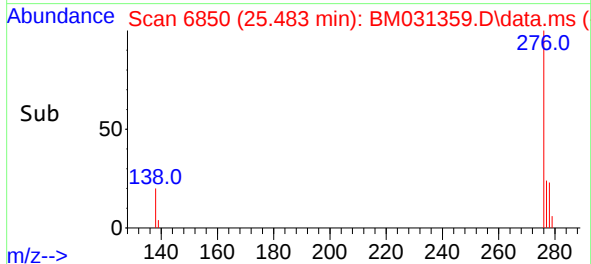
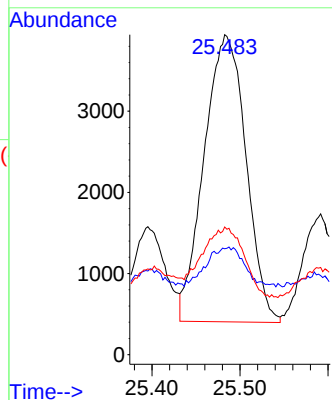
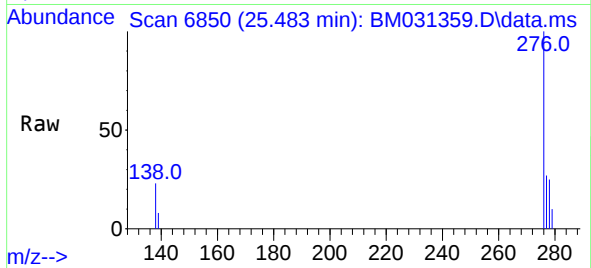
#28
Dibenzo(a,h)anthracene
Concen: 0.480 ng/ul
RT: 25.483 min Scan# 6850
Delta R.T. -0.021 min
Lab File: BM031359.D
Acq: 01 Aug 2021 21:38

Tgt Ion:278 Resp: 11676
Ion Ratio Lower Upper
278 100
139 33.1 13.3 19.9#
279 39.9 22.8 34.2#

Instrument :
BNA_M
ClientSampled :
BGD20

Manual Integrations
APPROVED

mohammad
8/2/2021 3:43:36 PM



#29
Benzo(g,h,i)perylene
Concen: 0.265 ng/ul
RT: 26.127 min Scan# 7116
Delta R.T. -0.017 min
Lab File: BM031359.D
Acq: 01 Aug 2021 21:38

Tgt Ion:276 Resp: 6824
Ion Ratio Lower Upper
276 100
138 37.3 15.4 23.2#
277 39.5 19.9 29.9#

