

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070821\
 Data File : BM030884.D
 Acq On : 08 Jul 2021 14:40
 Operator : CG/JU
 Sample : M2825-18
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BGDR6

Manual Integrations
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Quant Time: Jul 08 15:11:51 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM062821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 08 10:44:22 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.767	152	2166	0.400	ng/ul	0.00
4) Naphthalene-d8	10.549	136	8965	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.394	164	5284	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.134	188	9925	0.400	ng/ul	-0.02
17) Chrysene-d12	21.309	240	7410	0.400	ng/ul	0.00
23) Perylene-d12	23.551	264	6595	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.268	96	2362	1.001	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.155	152	2287	0.162	ng/ul	0.00
18) Fluoranthene-d10	19.157	212	4608	0.217	ng/ul	-0.01
Target Compounds						
					Qvalue	
5) Naphthalene	10.599	128	1512	0.059	ng/ul#	88
10) Acenaphthylene	14.114	152	1364	0.058	ng/ul#	86
11) Acenaphthene	14.459	153	1029	0.054	ng/ul	96
12) Fluorene	15.444	166	1161	0.055	ng/ul#	97
15) Phenanthrene	17.176	178	15741	0.472	ng/ul	99
16) Anthracene	17.266	178	16895	0.578	ng/ul	99
19) Fluoranthene	19.187	202	45311	1.385	ng/ul	98
20) Pyrene	19.546	202	36398	1.107	ng/ul	99
21) Benzo(a)anthracene	21.294	228	20339	0.689	ng/ul	96
22) Chrysene	21.345	228	17702	0.535	ng/ul	97
24) Benzo(b)fluoranthene	22.880	252	17650m	0.604	ng/ul	
25) Benzo(k)fluoranthene	22.919	252	7753m	0.257	ng/ul	
26) Benzo(a)pyrene	23.452	252	11112	0.447	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	25.831	276	6599	0.204	ng/ul#	89
28) Dibenzo(a,h)anthracene	25.831	278	1859	0.072	ng/ul#	55
29) Benzo(g,h,i)perylene	26.529	276	996	0.035	ng/ul#	57

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

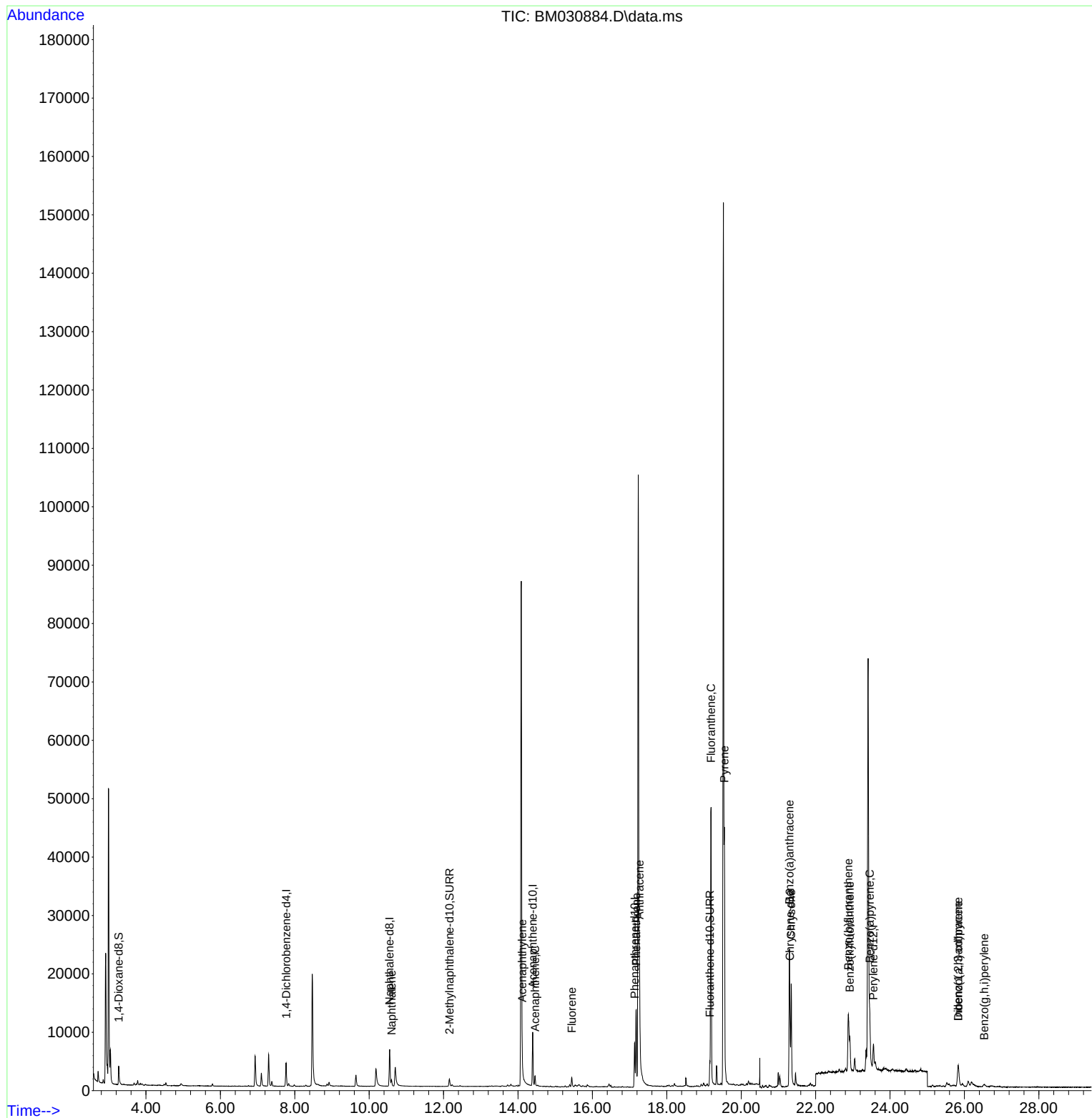
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070821\
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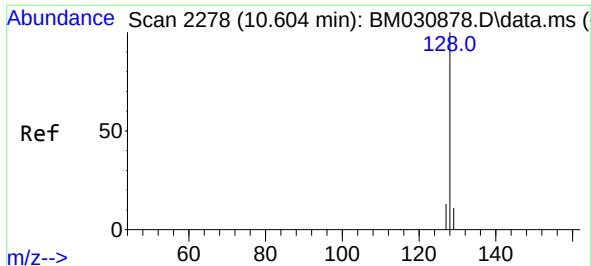
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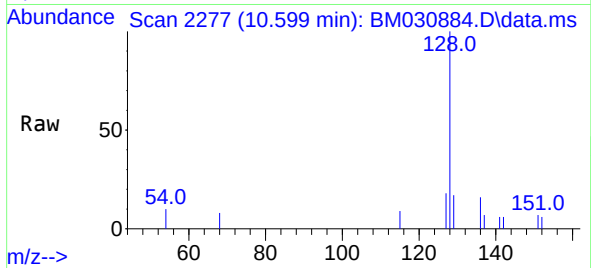
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Quant Time: Jul 08 15:11:51 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM062821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 08 10:44:22 2021
Response via : Initial Calibration

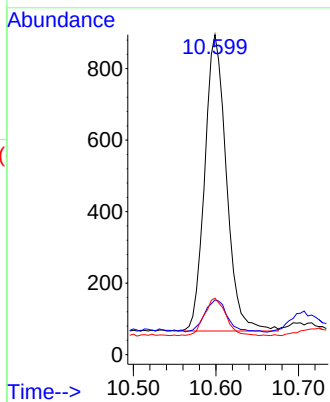
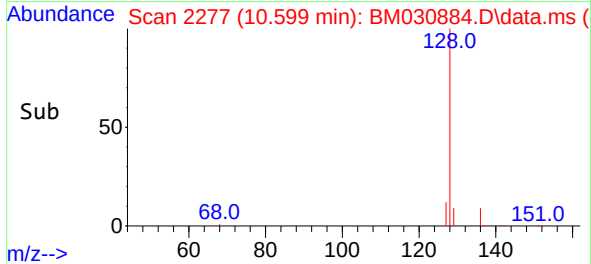




#5
Naphthalene
Concen: 0.059 ng/ul
RT: 10.599 min Scan# 2277
Delta R.T. -0.005 min
Lab File: BM030884.D
Acq: 08 Jul 2021 14:40



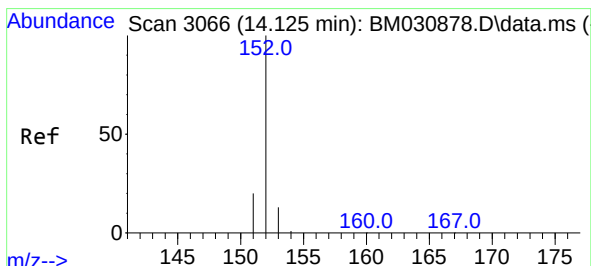
Tgt Ion:128 Resp: 1512
Ion Ratio Lower Upper
128 100
129 17.1 9.0 13.6#
127 17.7 10.9 16.3#



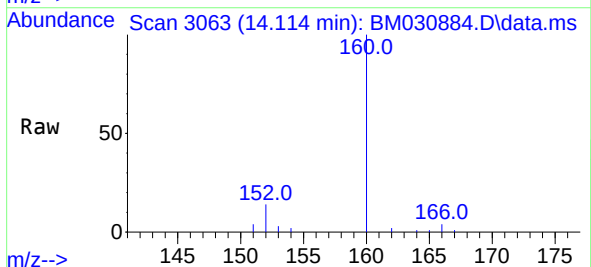
Instrument :
BNA_M
ClientSampled :
BGDR6

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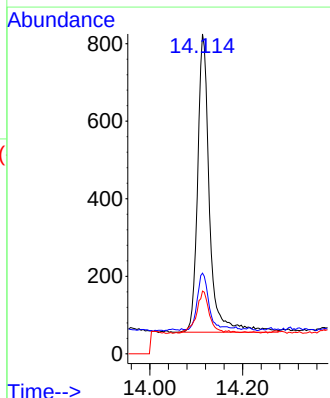
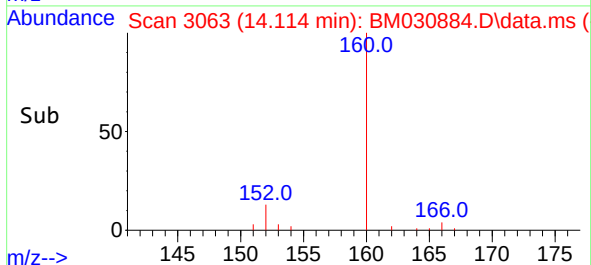
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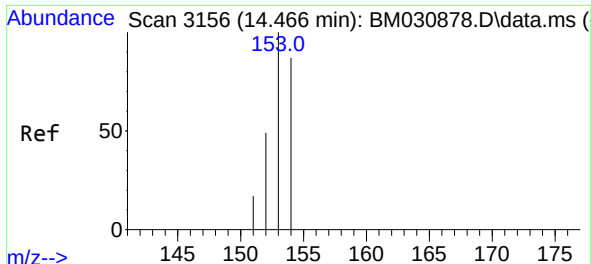


#10
Acenaphthylene
Concen: 0.058 ng/ul
RT: 14.114 min Scan# 3063
Delta R.T. -0.012 min
Lab File: BM030884.D
Acq: 08 Jul 2021 14:40



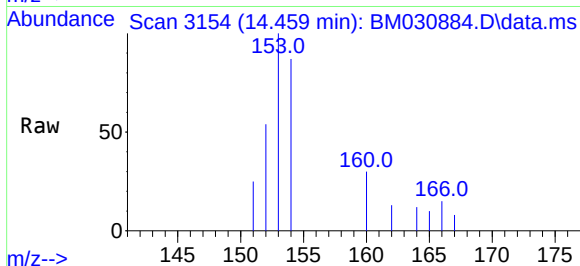
Tgt Ion:152 Resp: 1364
Ion Ratio Lower Upper
152 100
151 25.2 15.5 23.3#
153 19.6 10.7 16.1#





#11
Acenaphthene
Concen: 0.054 ng/ul
RT: 14.459 min Scan# 3154
Delta R.T. -0.008 min
Lab File: BM030884.D
Acq: 08 Jul 2021 14:40

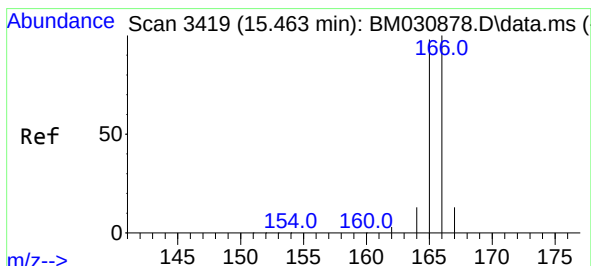
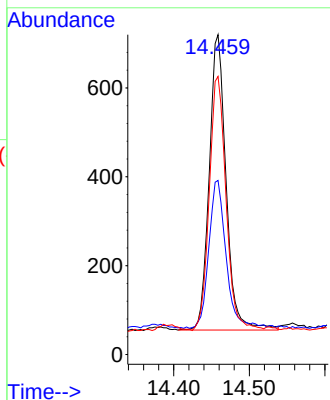
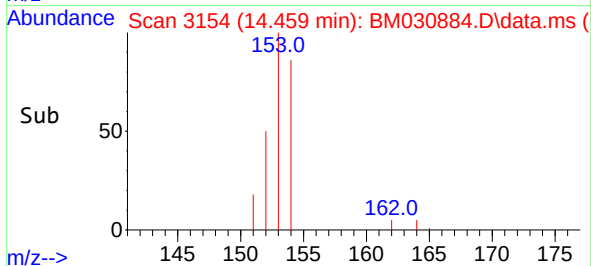
Instrument :
BNA_M
ClientSampleId :
BGDR6



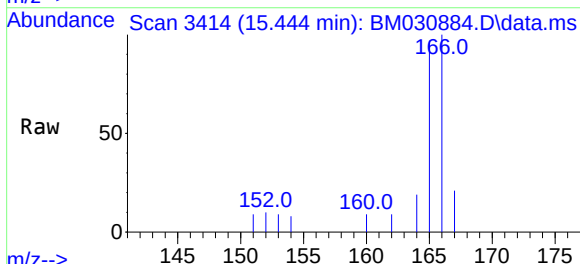
Tgt Ion:153 Resp: 1029
Ion Ratio Lower Upper
153 100
152 54.4 40.2 60.2
154 86.9 71.2 106.8

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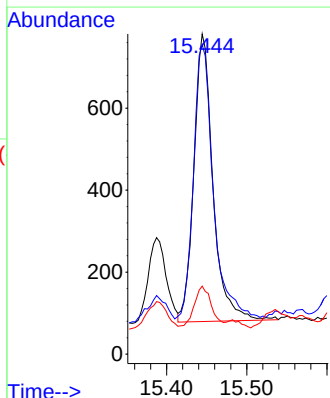
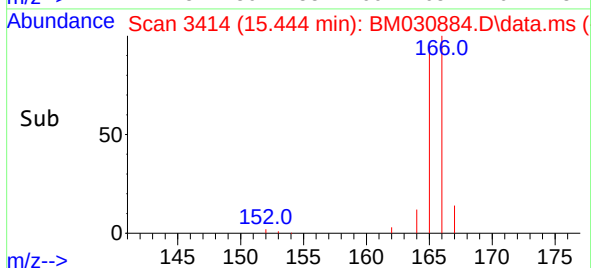
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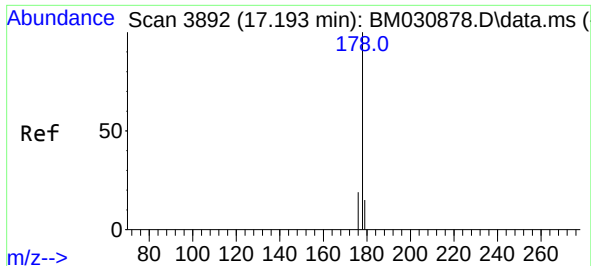


#12
Fluorene
Concen: 0.055 ng/ul
RT: 15.444 min Scan# 3414
Delta R.T. -0.019 min
Lab File: BM030884.D
Acq: 08 Jul 2021 14:40

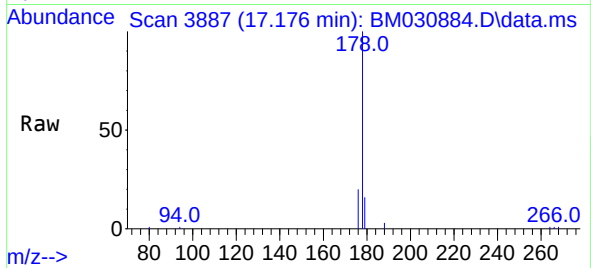


Tgt Ion:166 Resp: 1161
Ion Ratio Lower Upper
166 100
165 96.7 77.7 116.5
167 21.3 11.3 16.9#

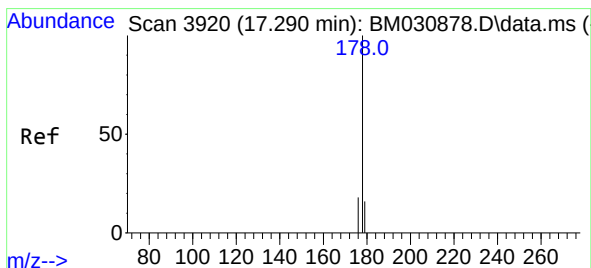
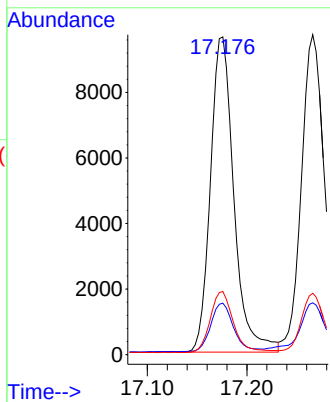
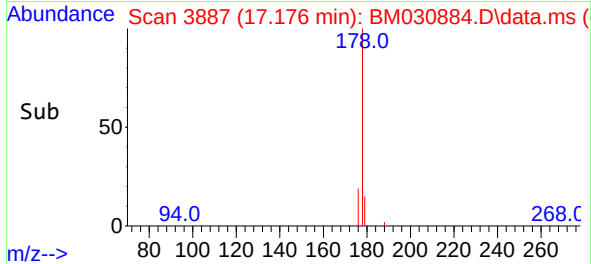




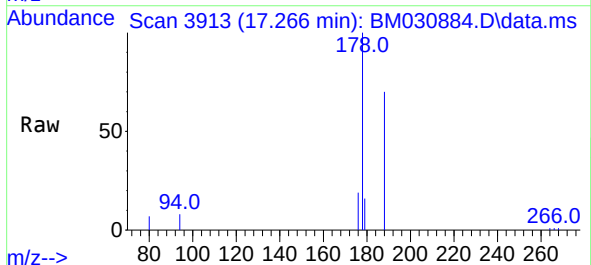
#15
Phenanthrene
Concen: 0.472 ng/ul
RT: 17.176 min Scan# 3887
Delta R.T. -0.018 min
Lab File: BM030884.D
Acq: 08 Jul 2021 14:40



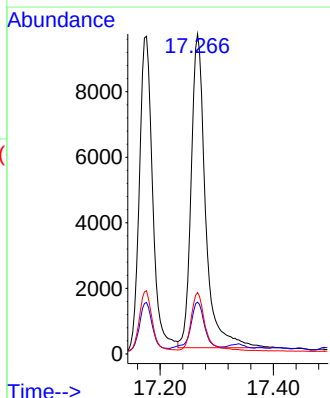
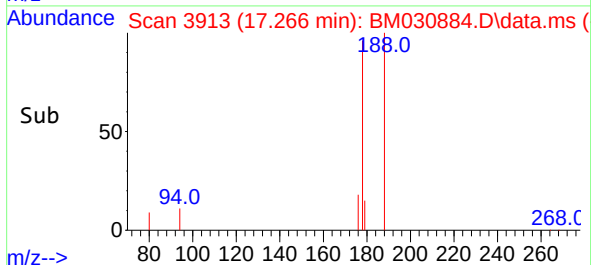
Tgt Ion:178 Resp: 15741
Ion Ratio Lower Upper
178 100
179 16.2 12.6 19.0
176 19.9 15.5 23.3



#16
Anthracene
Concen: 0.578 ng/ul
RT: 17.266 min Scan# 3913
Delta R.T. -0.024 min
Lab File: BM030884.D
Acq: 08 Jul 2021 14:40



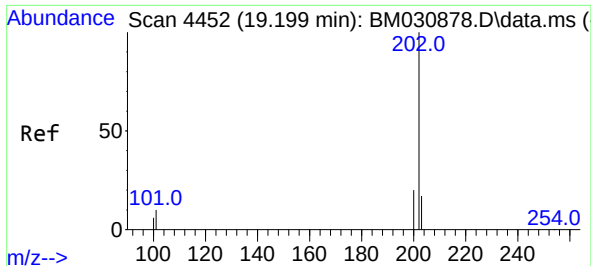
Tgt Ion:178 Resp: 16895
Ion Ratio Lower Upper
178 100
179 16.2 12.7 19.1
176 19.2 15.2 22.8



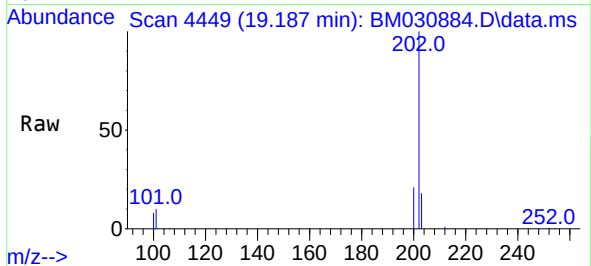
Instrument :
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ClientSampled :
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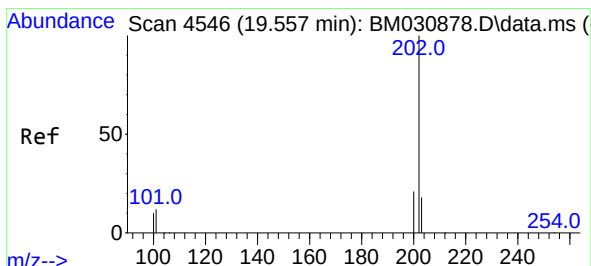
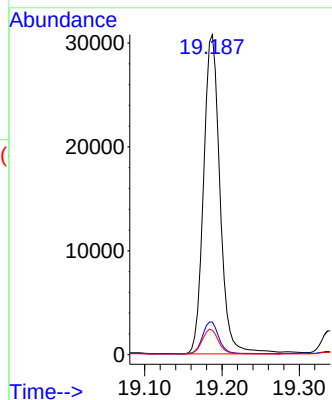
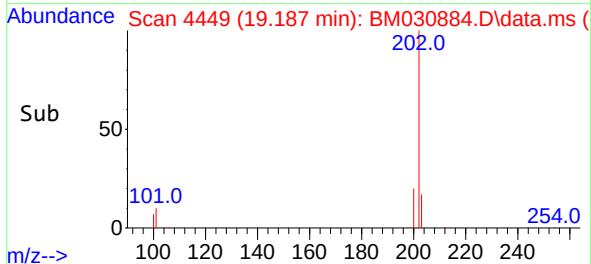
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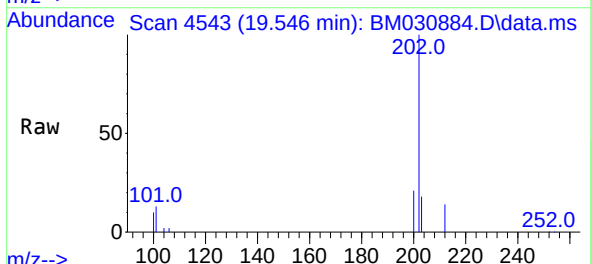
#19
Fluoranthene
Concen: 1.385 ng/ul
RT: 19.187 min Scan# 4449
Delta R.T. -0.012 min
Lab File: BM030884.D
Acq: 08 Jul 2021 14:40



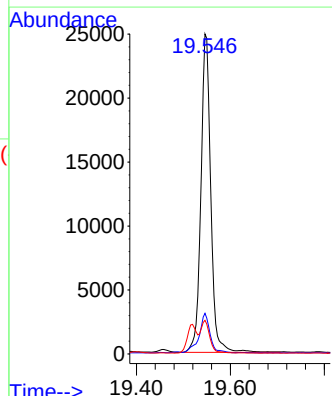
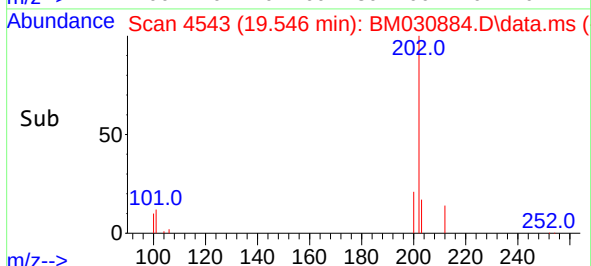
Tgt Ion:202 Resp: 45311
Ion Ratio Lower Upper
202 100
101 10.2 8.8 13.2
100 7.7 6.9 10.3



#20
Pyrene
Concen: 1.107 ng/ul
RT: 19.546 min Scan# 4543
Delta R.T. -0.012 min
Lab File: BM030884.D
Acq: 08 Jul 2021 14:40



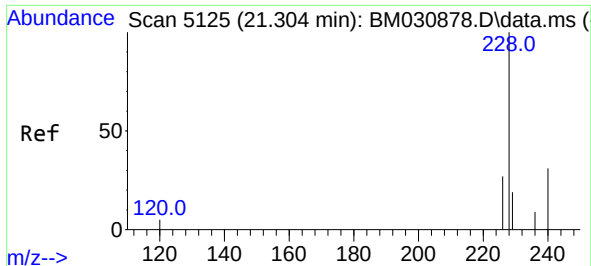
Tgt Ion:202 Resp: 36398
Ion Ratio Lower Upper
202 100
101 12.7 10.1 15.1
100 10.5 8.2 12.2



Instrument :
BNA_M
ClientSampleId :
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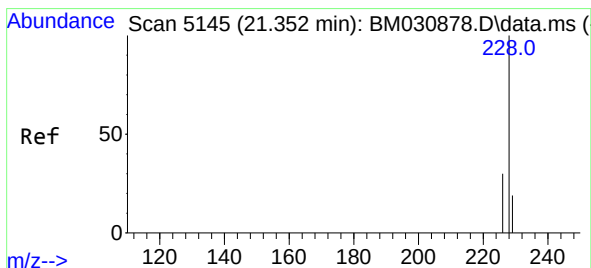
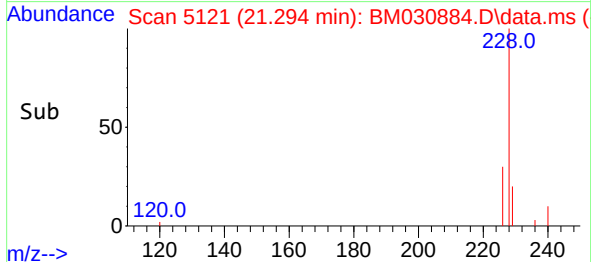
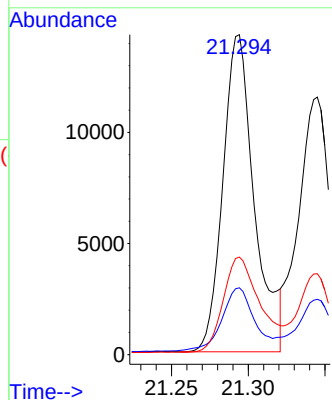
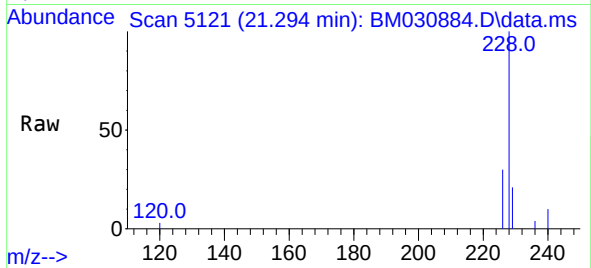
#21
Benzo(a)anthracene
Concen: 0.689 ng/u1
RT: 21.294 min Scan# 5121
Delta R.T. -0.010 min
Lab File: BM030884.D
Acq: 08 Jul 2021 14:40

Tgt Ion:228	Resp:	20339
Ion Ratio	Lower	Upper
228	100	
229	20.9	15.8 23.6
226	30.5	22.2 33.4

Instrument :
BNA_M
ClientSampled :
BGDR6

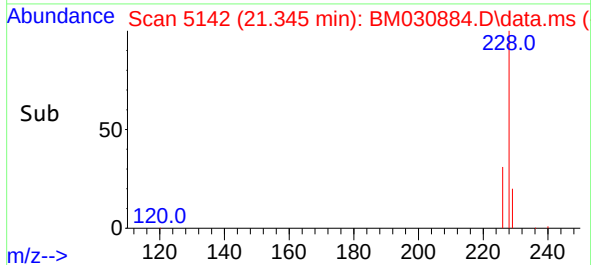
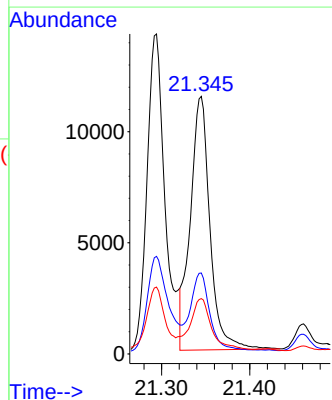
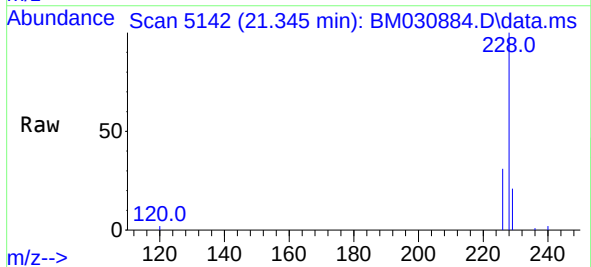
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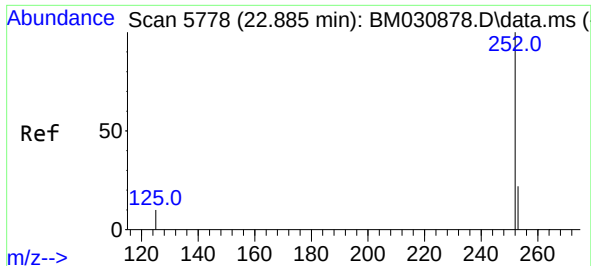
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#22
Chrysene
Concen: 0.535 ng/u1
RT: 21.345 min Scan# 5142
Delta R.T. -0.007 min
Lab File: BM030884.D
Acq: 08 Jul 2021 14:40

Tgt Ion:228	Resp:	17702
Ion Ratio	Lower	Upper
228	100	
226	31.5	24.4 36.6
229	21.5	15.4 23.0





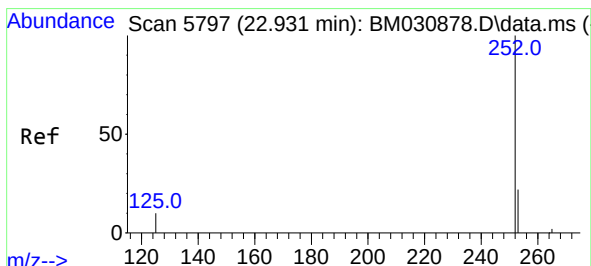
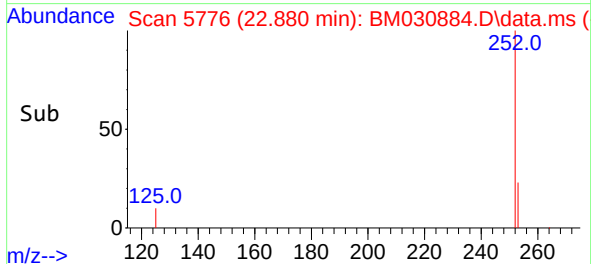
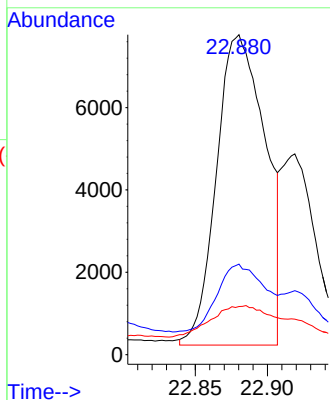
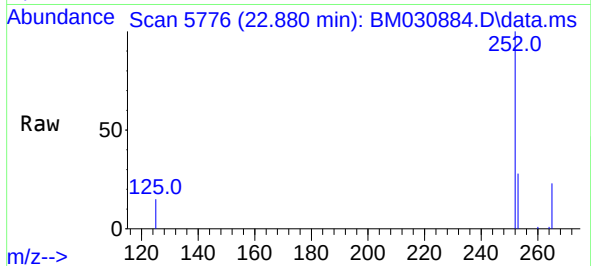
#24
Benzo(b)fluoranthene
Concen: 0.604 ng/ul m
RT: 22.880 min Scan# 5776
Delta R.T. -0.005 min
Lab File: BM030884.D
Acq: 08 Jul 2021 14:40

Tgt Ion:	252	Resp:	17650
Ion Ratio	Lower	Upper	
252	100		
253	28.3	0.0	50.2
125	15.1	0.0	27.8

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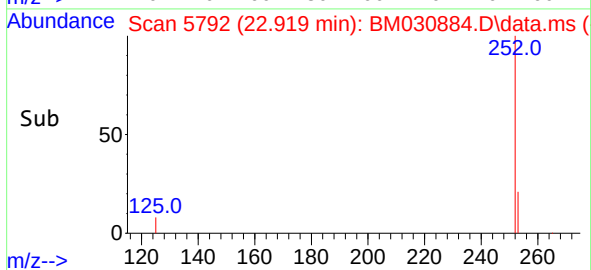
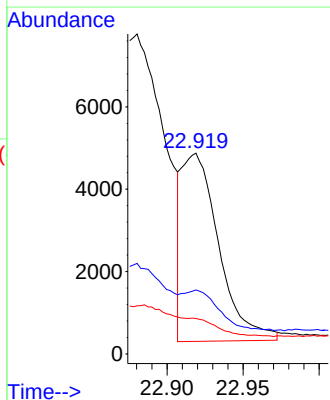
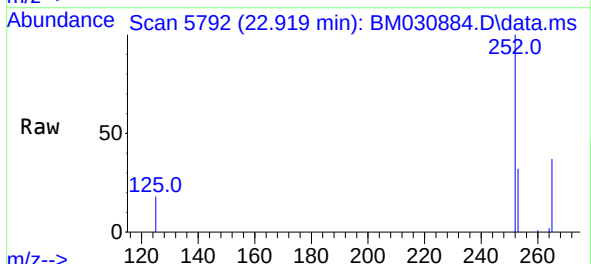
Manual Integrations
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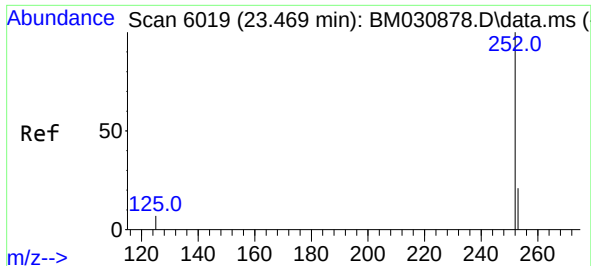
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#25
Benzo(k)fluoranthene
Concen: 0.257 ng/ul m
RT: 22.919 min Scan# 5792
Delta R.T. -0.012 min
Lab File: BM030884.D
Acq: 08 Jul 2021 14:40

Tgt Ion:	252	Resp:	7753
Ion Ratio	Lower	Upper	
252	100		
253	31.8	20.6	31.0#
125	17.7	11.0	16.4#





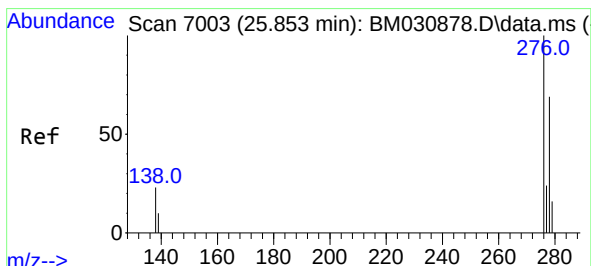
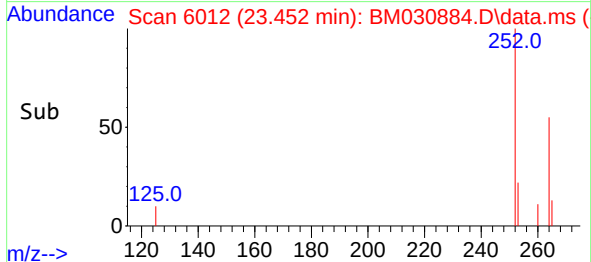
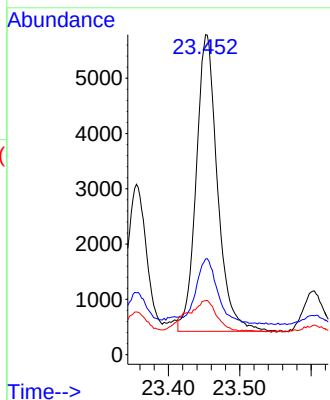
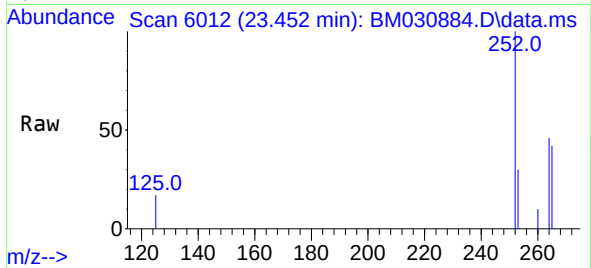
#26
Benzo(a)pyrene
Concen: 0.447 ng/ul
RT: 23.452 min Scan# 6012
Delta R.T. -0.017 min
Lab File: BM030884.D
Acq: 08 Jul 2021 14:40

Tgt Ion:	252	Resp:	11112
Ion Ratio	Lower	Upper	
252	100		
253	29.9	22.0	33.0
125	16.9	13.4	20.2

Instrument :
BNA_M
ClientSampled :
BGDR6

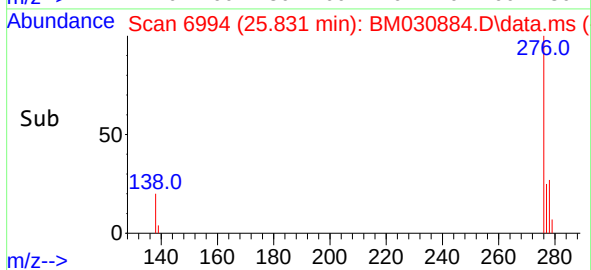
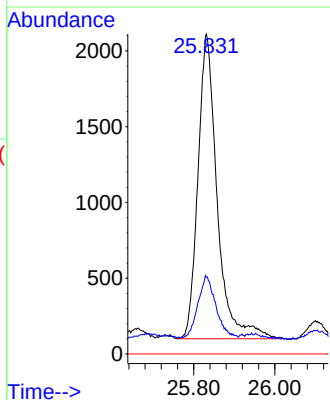
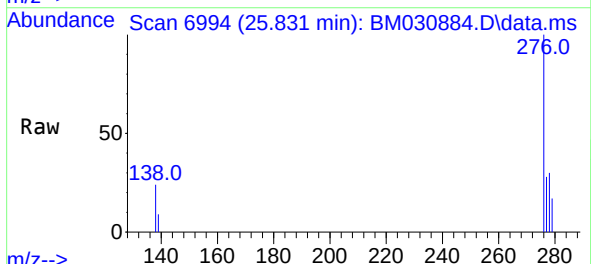
Manual Integrations
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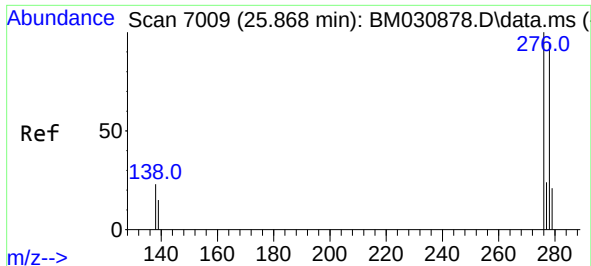
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#27
Indeno(1,2,3-cd)pyrene
Concen: 0.204 ng/ul
RT: 25.831 min Scan# 6994
Delta R.T. -0.022 min
Lab File: BM030884.D
Acq: 08 Jul 2021 14:40

Tgt Ion:	276	Resp:	6599
Ion Ratio	Lower	Upper	
276	100		
138	18.5	19.1	28.7#
227	0.0	0.0	0.0





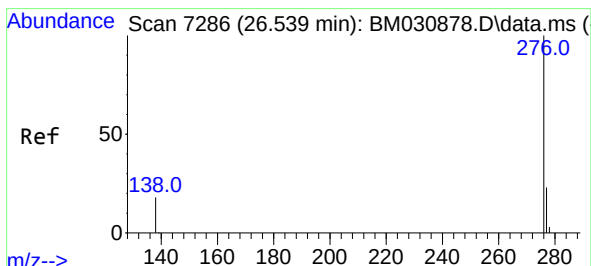
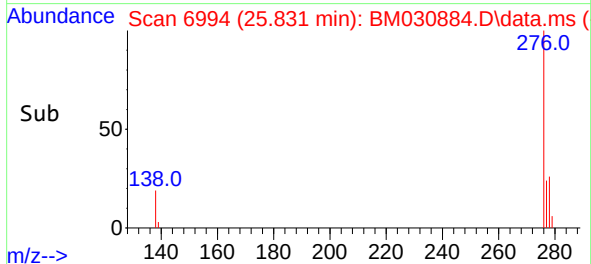
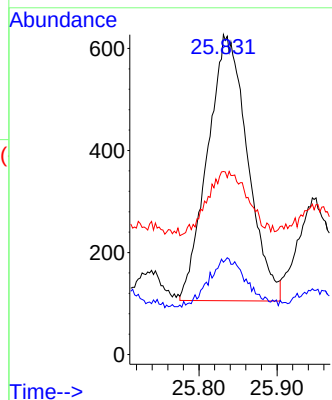
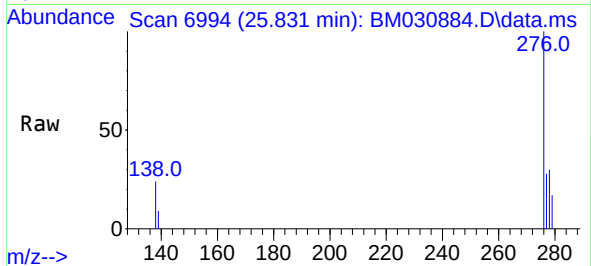
#28
Dibenzo(a,h)anthracene
Concen: 0.072 ng/ul
RT: 25.831 min Scan# 6994
Delta R.T. -0.037 min
Lab File: BM030884.D
Acq: 08 Jul 2021 14:40

Tgt Ion:278 Resp: 1859
Ion Ratio Lower Upper
278 100
139 28.9 14.2 21.4#
279 57.3 21.6 32.4#

Instrument :
BNA_M
ClientSampled :
BGDR6

Manual Integrations
APPROVED

mohammad
7/9/2021 2:47:57 PM



#29
Benzo(g,h,i)perylene
Concen: 0.035 ng/ul
RT: 26.529 min Scan# 7282
Delta R.T. -0.010 min
Lab File: BM030884.D
Acq: 08 Jul 2021 14:40

Tgt Ion:276 Resp: 996
Ion Ratio Lower Upper
276 100
138 41.6 18.0 27.0#
277 47.6 19.5 29.3#

