

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062821\
 Data File : BM030665.D
 Acq On : 28 Jun 2021 22:22
 Operator : CG/JU
 Sample : M2680-05DL 5X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BGDD1DL

Manual Integrations
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Quant Time: Jun 29 02:21:54 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 : Mon Jun 28 14:33:12 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.791	152	2490	0.400	ng/ul	0.00
4) Naphthalene-d8	10.576	136	9433	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.417	164	5284	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.155	188	10149	0.400	ng/ul	0.00
17) Chrysene-d12	21.318	240	9667	0.400	ng/ul	0.00
23) Perylene-d12	23.571	264	9888	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.282	96	1688	0.622	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.177	152	563	0.038	ng/ul	0.00
18) Fluoranthene-d10	19.176	212	1204	0.043	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.625	128	3220	0.120	ng/ul	97
10) Acenaphthylene	14.136	152	6210	0.263	ng/ul	99
11) Acenaphthene	14.481	153	1871	0.098	ng/ul	98
12) Fluorene	15.467	166	2987	0.142	ng/ul	98
15) Phenanthrene	17.196	178	42779	1.254	ng/ul	98
16) Anthracene	17.287	178	19393	0.649	ng/ul	98
19) Fluoranthene	19.206	202	120837	2.832	ng/ul	97
20) Pyrene	19.569	202	97338	2.269	ng/ul	96
21) Benzo(a)anthracene	21.301	228	56988	1.479	ng/ul	98
22) Chrysene	21.354	228	45420	1.052	ng/ul	98
24) Benzo(b)fluoranthene	22.892	252	54760m	1.250	ng/ul	
25) Benzo(k)fluoranthene	22.933	252	23110m	0.512	ng/ul	
26) Benzo(a)pyrene	23.474	252	44645	1.198	ng/ul#	85
27) Indeno(1,2,3-cd)pyrene	25.846	276	25093	0.517	ng/ul#	92
28) Dibenzo(a,h)anthracene	25.848	278	6590	0.169	ng/ul#	88
29) Benzo(g,h,i)perylene	26.548	276	19469	0.462	ng/ul	97

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

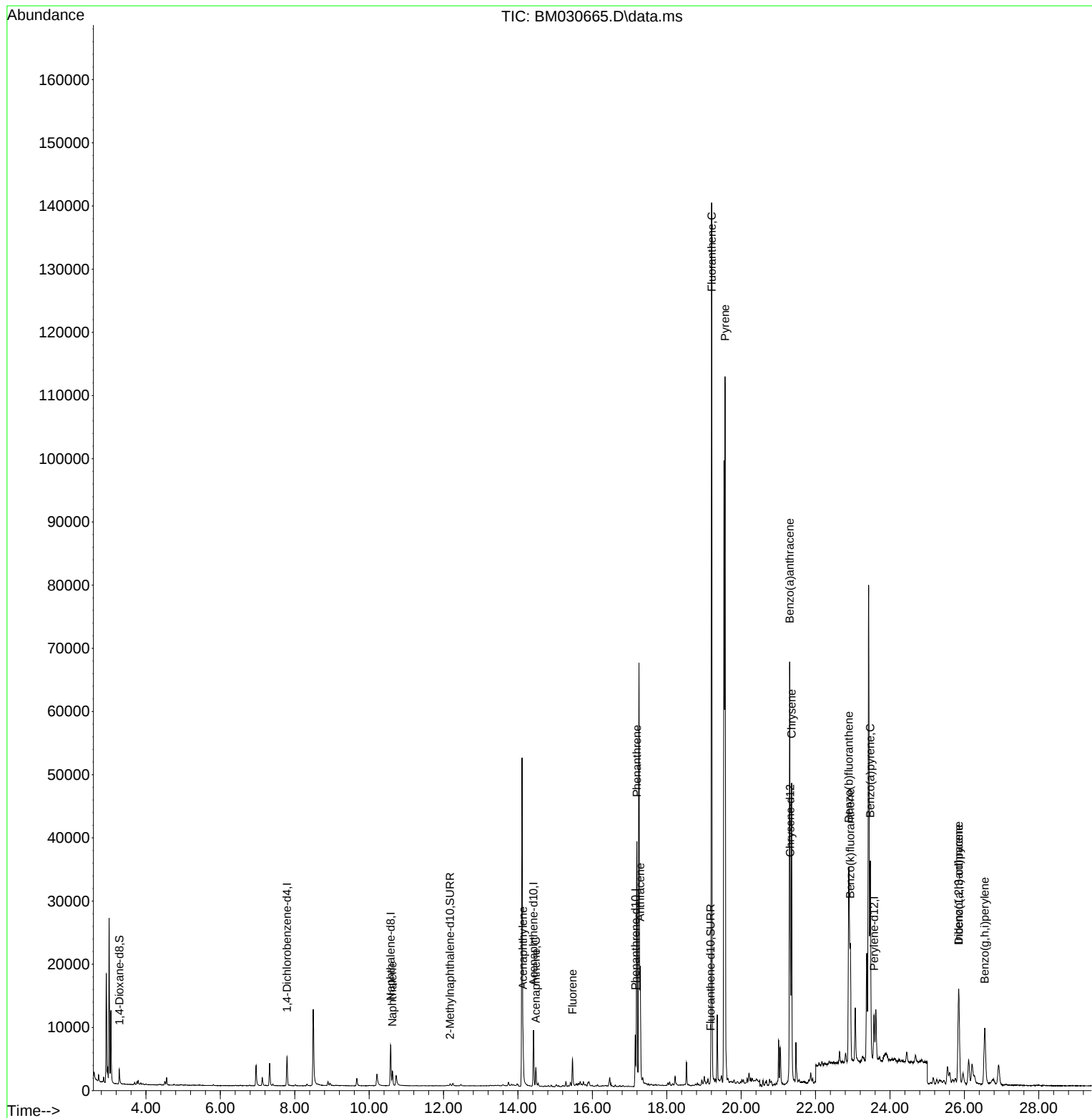
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062821\
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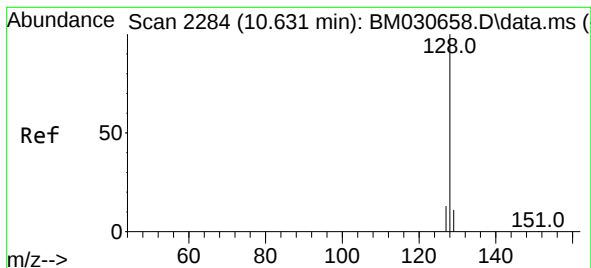
Instrument :
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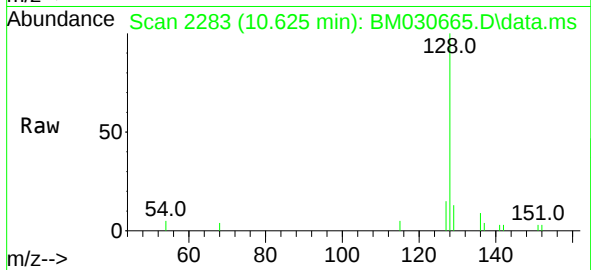
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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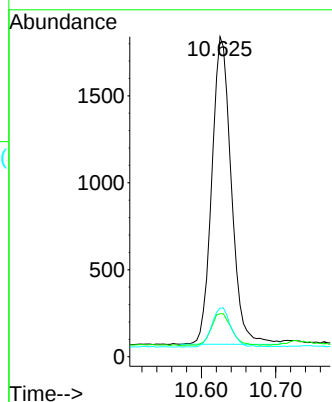
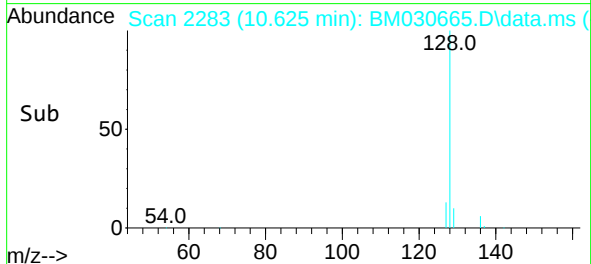




#5
Naphthalene
Concen: 0.120 ng/ul
RT: 10.625 min Scan# 2283
Delta R.T. -0.005 min
Lab File: BM030665.D
Acq: 28 Jun 2021 22:22



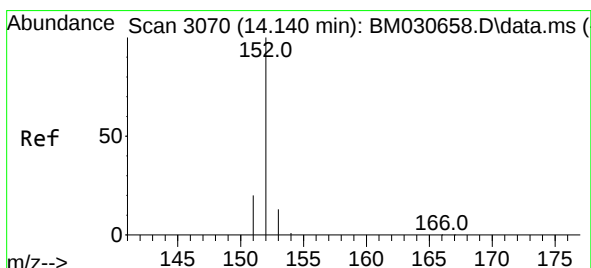
Tgt Ion:128 Resp: 3220
Ion Ratio Lower Upper
128 100
129 13.4 9.5 14.3
127 15.2 11.2 16.8



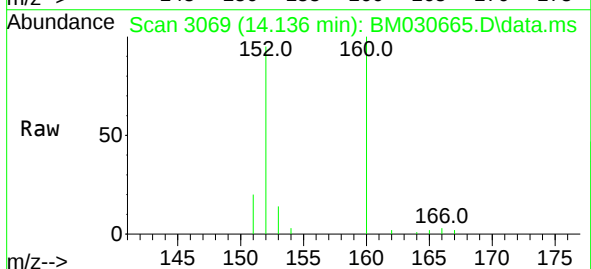
Instrument :
BNA_M
ClientSampleId :
BGDD1DL

Manual Integrations
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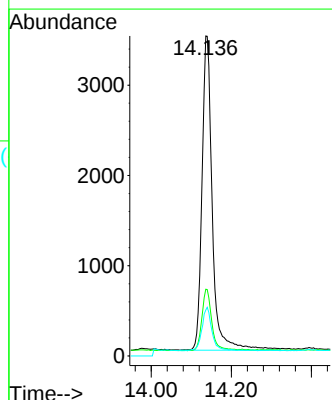
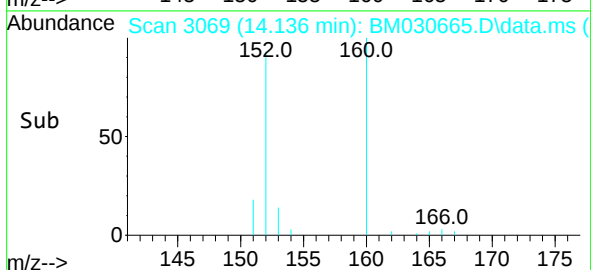
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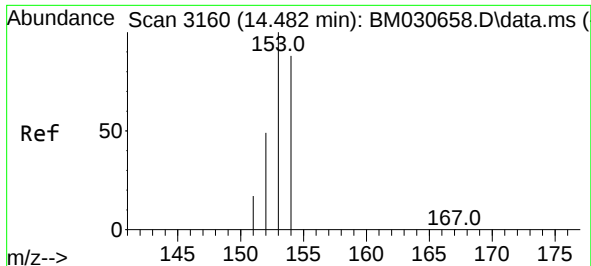


#10
Acenaphthylene
Concen: 0.263 ng/ul
RT: 14.136 min Scan# 3069
Delta R.T. -0.004 min
Lab File: BM030665.D
Acq: 28 Jun 2021 22:22



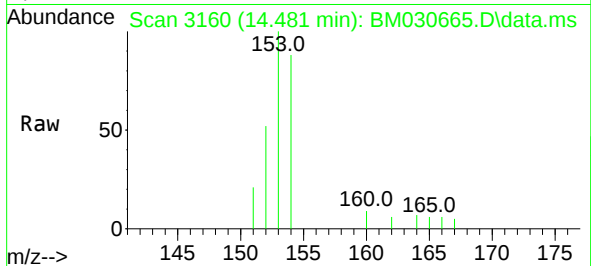
Tgt Ion:152 Resp: 6210
Ion Ratio Lower Upper
152 100
151 20.9 16.2 24.4
153 14.4 11.4 17.0



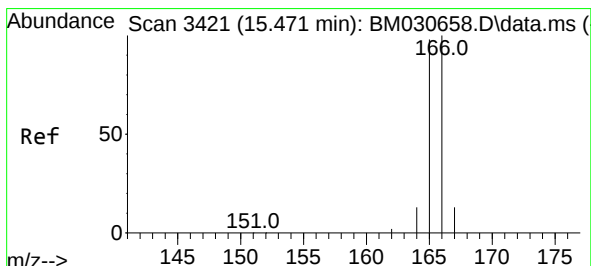
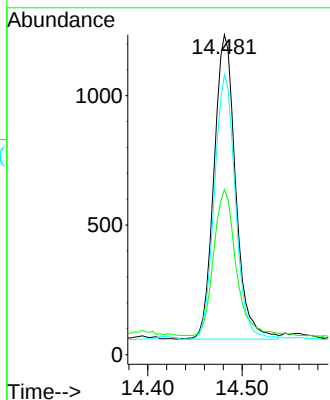
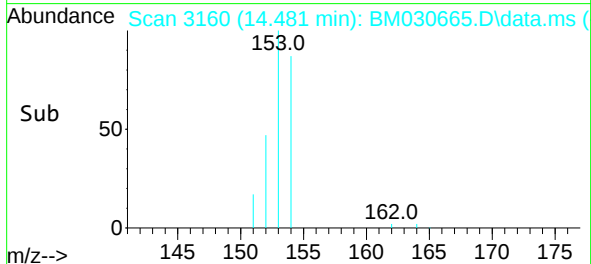


#11
Acenaphthene
Concen: 0.098 ng/ul
RT: 14.481 min Scan# 3160
Delta R.T. -0.000 min
Lab File: BM030665.D
Acq: 28 Jun 2021 22:22

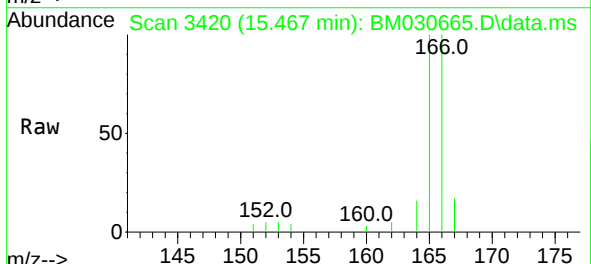
Instrument :
BNA_M
ClientSampleID :
BGDD1DL



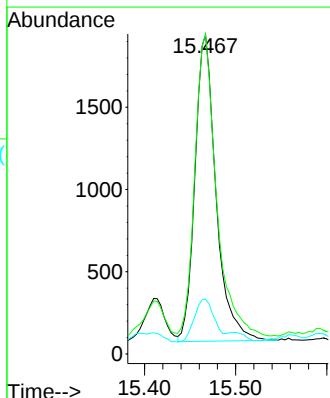
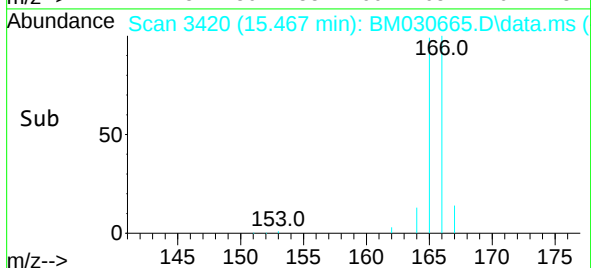
Tgt Ion:153 Resp: 1871
Ion Ratio Lower Upper
153 100
152 51.6 39.8 59.6
154 87.6 68.7 103.1

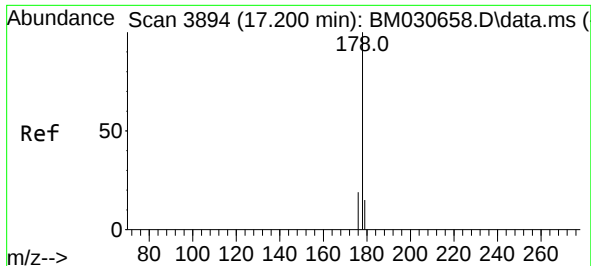


#12
Fluorene
Concen: 0.142 ng/ul
RT: 15.467 min Scan# 3420
Delta R.T. -0.000 min
Lab File: BM030665.D
Acq: 28 Jun 2021 22:22



Tgt Ion:166 Resp: 2987
Ion Ratio Lower Upper
166 100
165 100.3 79.1 118.7
167 17.3 12.2 18.2





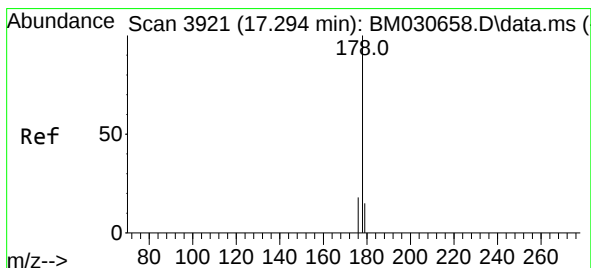
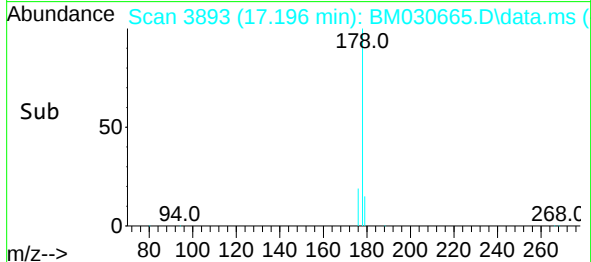
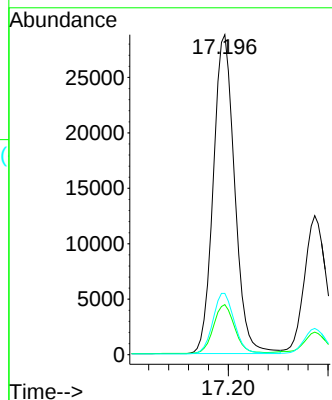
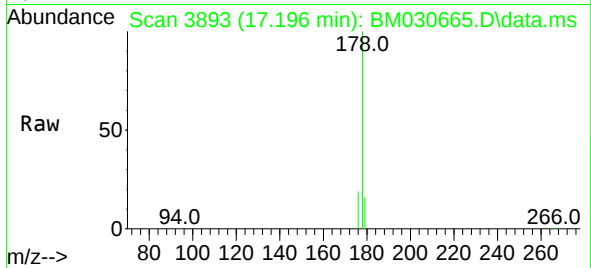
#15
Phenanthrene
Concen: 1.254 ng/ul
RT: 17.196 min Scan# 3893
Delta R.T. -0.004 min
Lab File: BM030665.D
Acq: 28 Jun 2021 22:22

Tgt Ion:178	Resp:	42779
Ion Ratio	Lower	Upper
178	100	
179	15.6	13.3 19.9
176	19.2	16.0 24.0

Instrument :
BNA_M
ClientSampleId :
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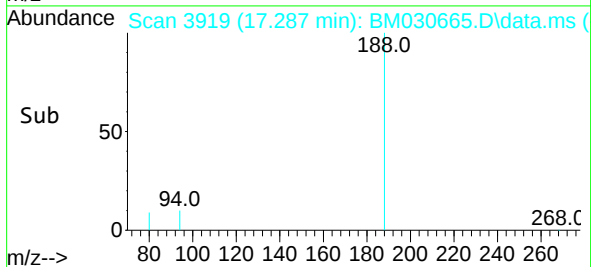
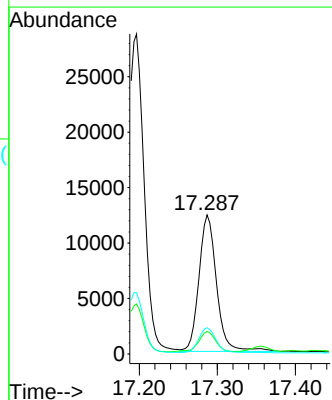
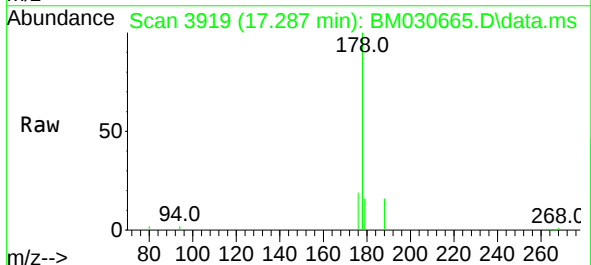
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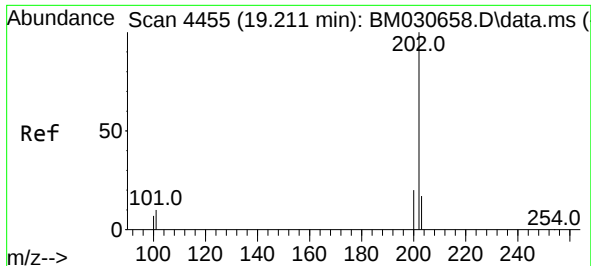
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#16
Anthracene
Concen: 0.649 ng/ul
RT: 17.287 min Scan# 3919
Delta R.T. -0.004 min
Lab File: BM030665.D
Acq: 28 Jun 2021 22:22

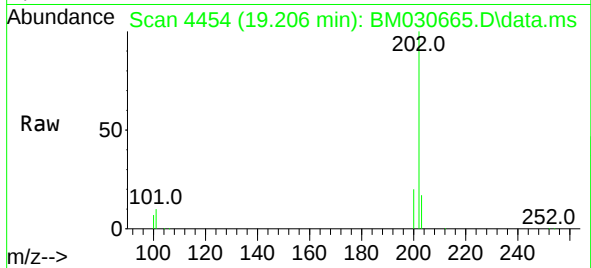
Tgt Ion:178	Resp:	19393
Ion Ratio	Lower	Upper
178	100	
179	16.2	14.0 21.0
176	18.9	15.8 23.6





#19
Fluoranthene
Concen: 2.832 ng/u1
RT: 19.206 min Scan# 4454
Delta R.T. -0.004 min
Lab File: BM030665.D
Acq: 28 Jun 2021 22:22

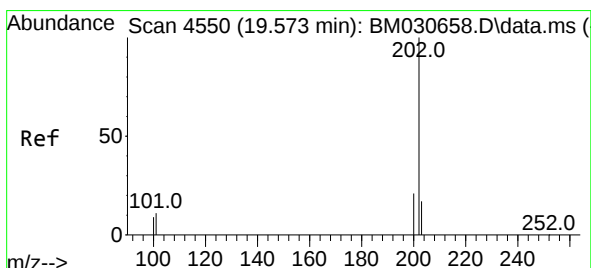
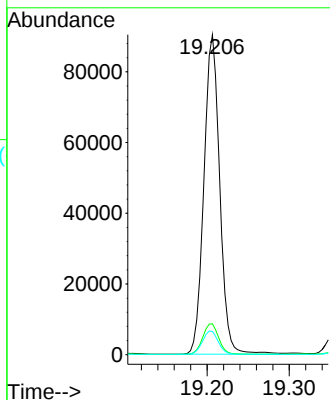
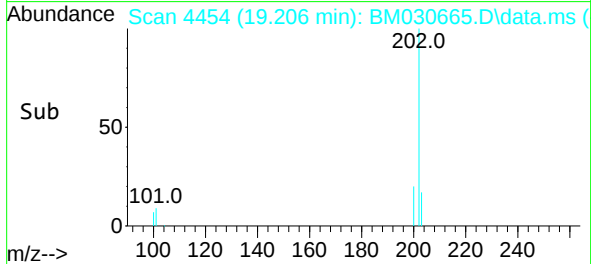
Instrument :
BNA_M
ClientSampleId :
BGDD1DL



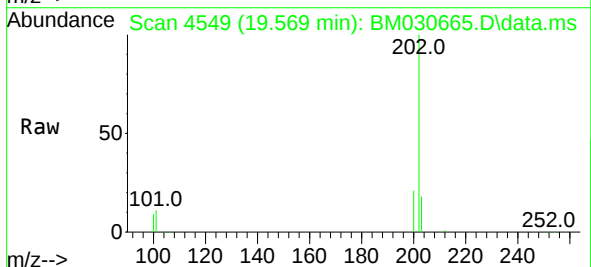
Tgt Ion:202 Resp: 120837
Ion Ratio Lower Upper
202 100
101 9.7 8.7 13.1
100 7.3 6.6 9.8

Manual Integrations
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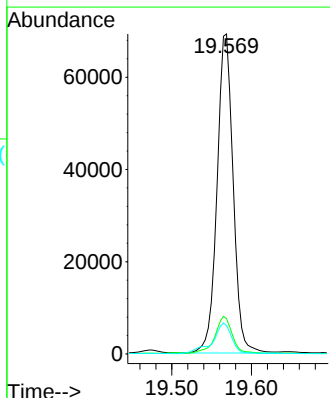
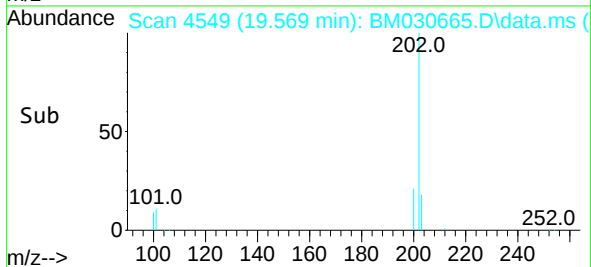
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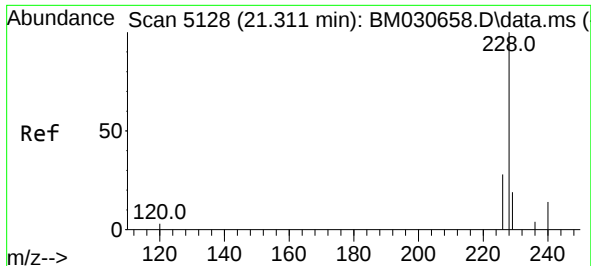


#20
Pyrene
Concen: 2.269 ng/u1
RT: 19.569 min Scan# 4549
Delta R.T. -0.000 min
Lab File: BM030665.D
Acq: 28 Jun 2021 22:22



Tgt Ion:202 Resp: 97338
Ion Ratio Lower Upper
202 100
101 11.0 10.2 15.4
100 8.9 8.5 12.7





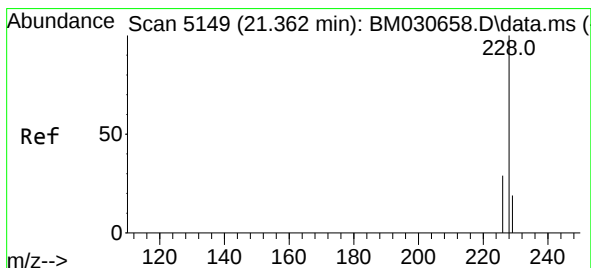
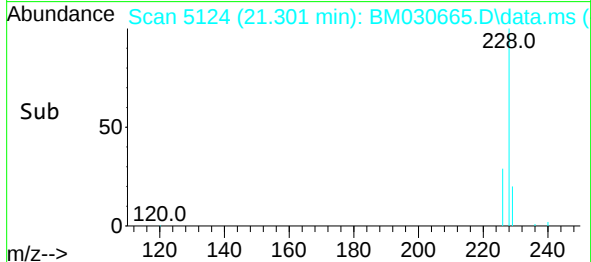
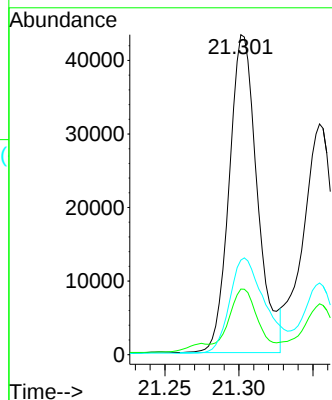
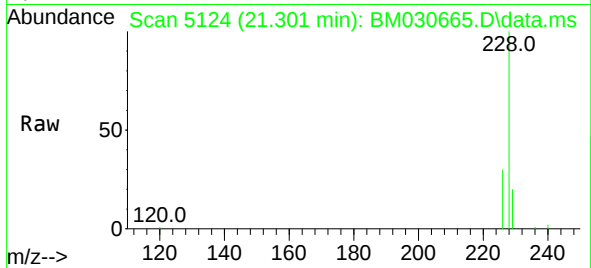
#21
Benzo(a)anthracene
Concen: 1.479 ng/ul
RT: 21.301 min Scan# 5124
Delta R.T. -0.007 min
Lab File: BM030665.D
Acq: 28 Jun 2021 22:22

Tgt Ion:228	Resp:	56988
Ion Ratio	Lower	Upper
228	100	
229	20.5	16.2 24.2
226	29.5	22.2 33.4

Instrument :
BNA_M
ClientSampled :
BGDD1DL

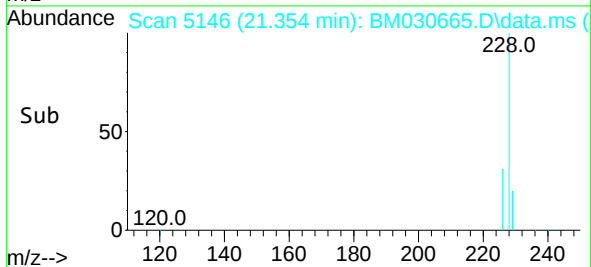
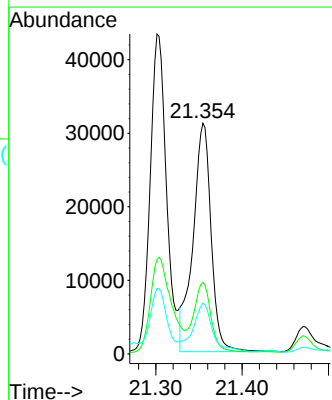
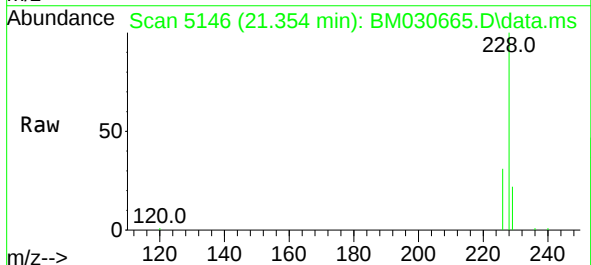
Manual Integrations
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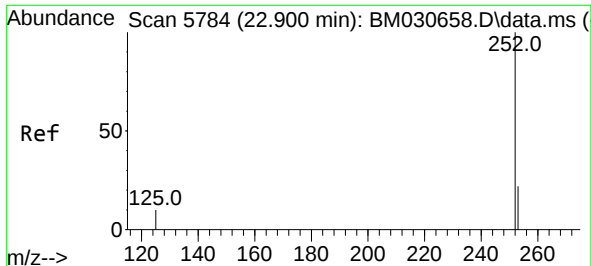
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#22
Chrysene
Concen: 1.052 ng/ul
RT: 21.354 min Scan# 5146
Delta R.T. -0.007 min
Lab File: BM030665.D
Acq: 28 Jun 2021 22:22

Tgt Ion:228	Resp:	45420
Ion Ratio	Lower	Upper
228	100	
226	31.1	24.9 37.3
229	22.0	16.2 24.2





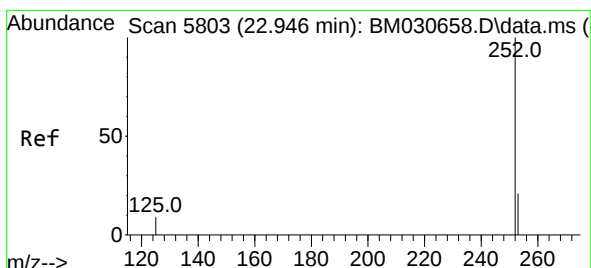
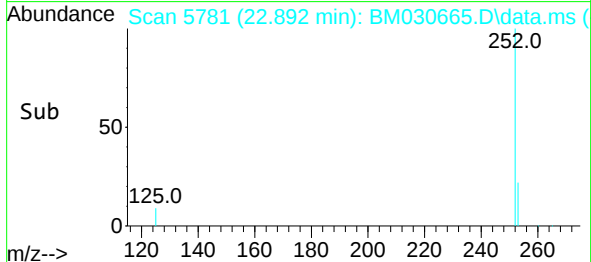
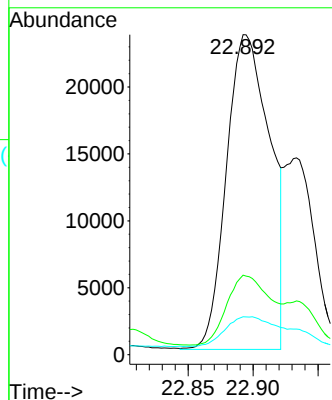
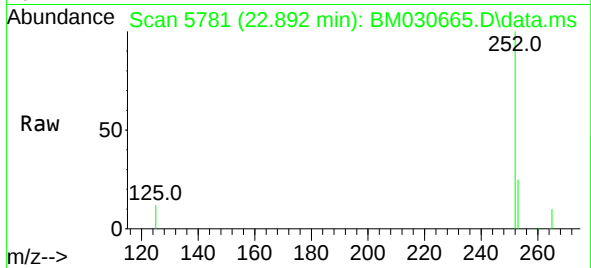
#24
Benzo(b)fluoranthene
Concen: 1.250 ng/ul m
RT: 22.892 min Scan# 5781
Delta R.T. -0.008 min
Lab File: BM030665.D
Acq: 28 Jun 2021 22:22

Tgt Ion:252	Resp:	54760
Ion Ratio	Lower	Upper
252	100	
253	24.9	0.0 57.8
125	11.9	0.0 33.2

Instrument :
BNA_M
ClientSampleId :
BGDD1DL

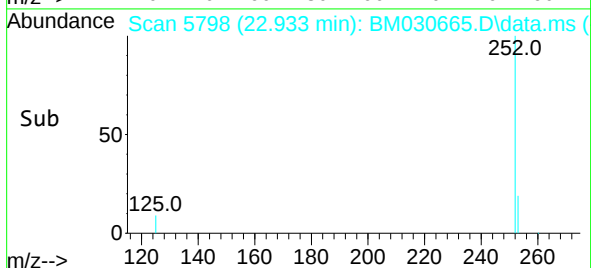
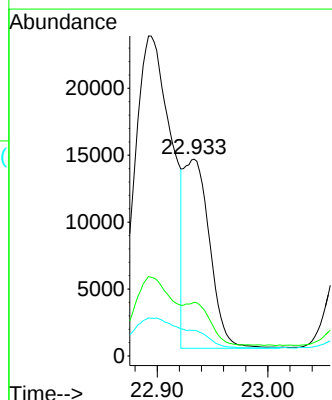
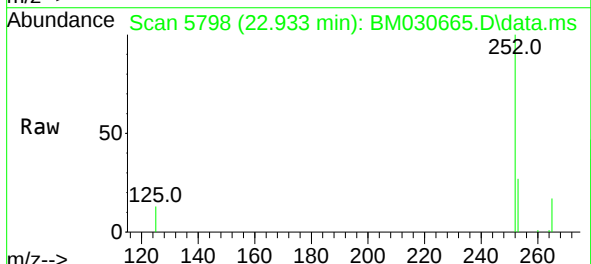
Manual Integrations
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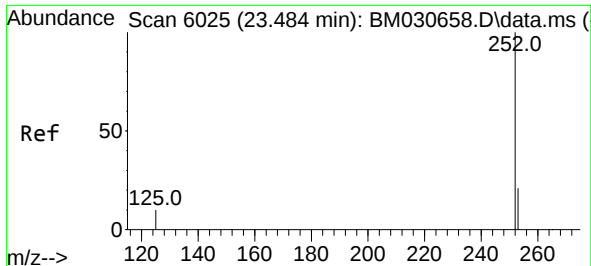
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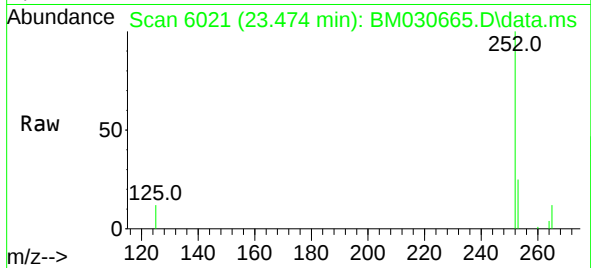
#25
Benzo(k)fluoranthene
Concen: 0.512 ng/ul m
RT: 22.933 min Scan# 5798
Delta R.T. -0.012 min
Lab File: BM030665.D
Acq: 28 Jun 2021 22:22

Tgt Ion:252	Resp:	23110
Ion Ratio	Lower	Upper
252	100	
253	27.3	23.2 34.8
125	13.0	12.6 19.0

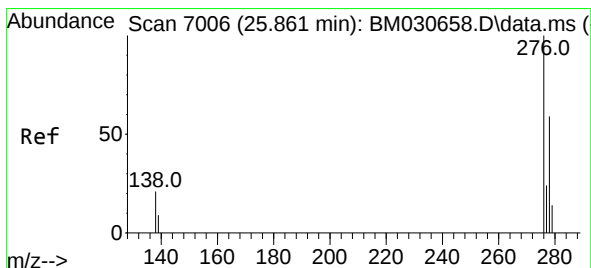
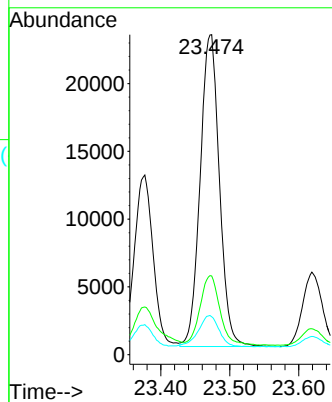
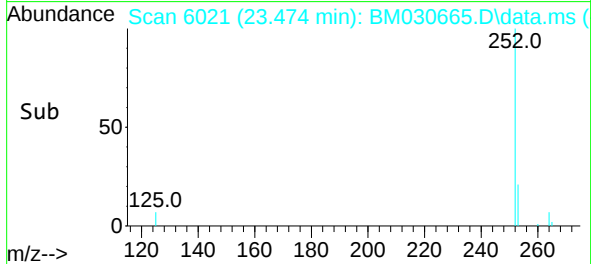




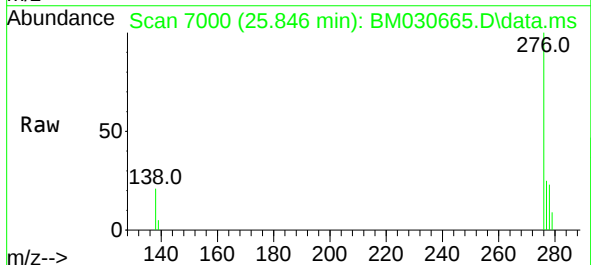
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Benzo(a)pyrene
Concen: 1.198 ng/ul
RT: 23.474 min Scan# 6021
Delta R.T. -0.008 min
Lab File: BM030665.D
Acq: 28 Jun 2021 22:22



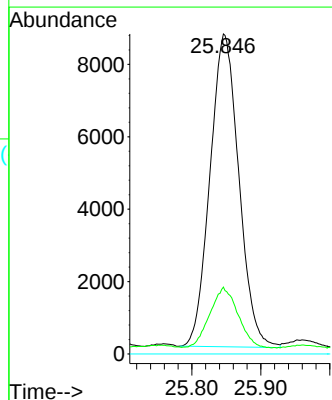
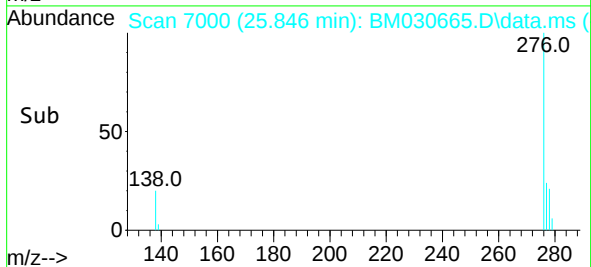
Tgt Ion:252 Resp: 44645
Ion Ratio Lower Upper
252 100
253 24.6 25.5 38.3#
125 11.9 15.8 23.6#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.517 ng/ul
RT: 25.846 min Scan# 7000
Delta R.T. -0.017 min
Lab File: BM030665.D
Acq: 28 Jun 2021 22:22



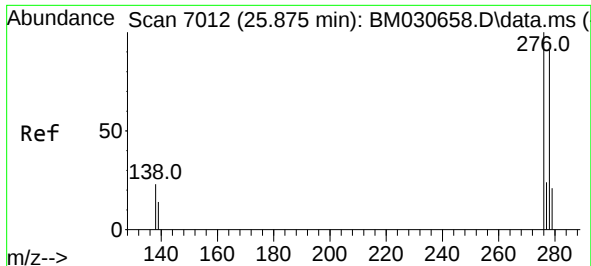
Tgt Ion:276 Resp: 25093
Ion Ratio Lower Upper
276 100
138 19.0 18.2 27.4
227 0.0 0.0 0.0



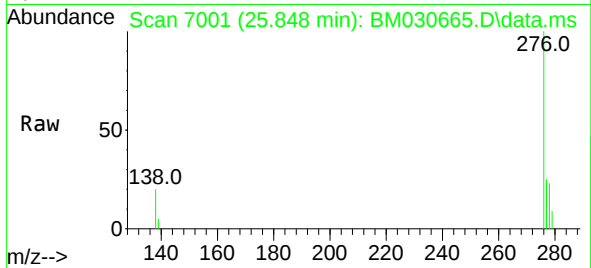
Instrument :
BNA_M
ClientSampleId :
BGDD1DL

Manual Integrations
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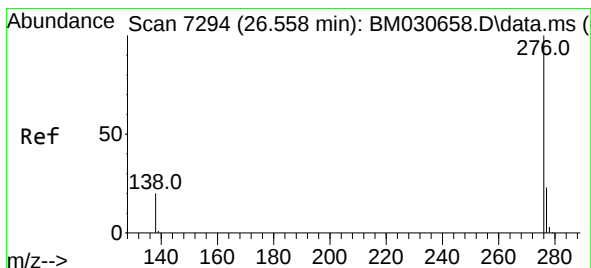
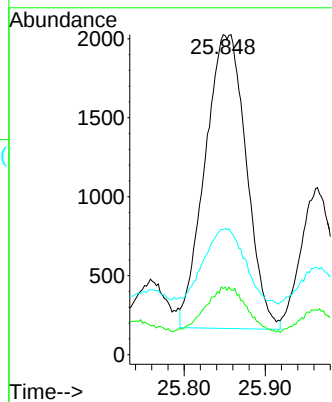
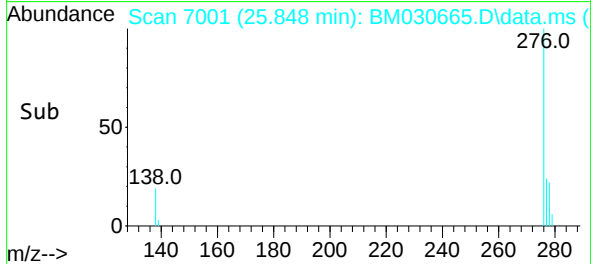
mohammad
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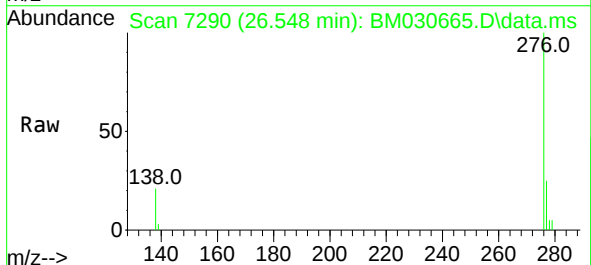
#28
Dibenzo(a,h)anthracene
Concen: 0.169 ng/ul
RT: 25.848 min Scan# 7001
Delta R.T. -0.022 min
Lab File: BM030665.D
Acq: 28 Jun 2021 22:22



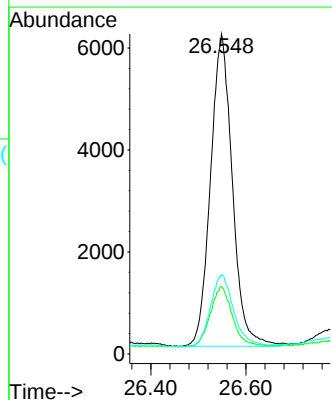
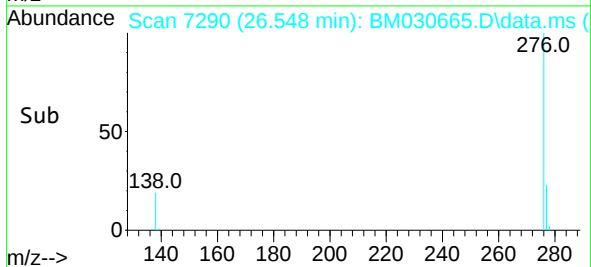
Tgt Ion: 278 Resp: 6590
Ion Ratio Lower Upper
278 100
139 20.7 15.0 22.4
279 39.1 24.3 36.5#



#29
Benzo(g,h,i)perylene
Concen: 0.462 ng/ul
RT: 26.548 min Scan# 7290
Delta R.T. -0.010 min
Lab File: BM030665.D
Acq: 28 Jun 2021 22:22



Tgt Ion: 276 Resp: 19469
Ion Ratio Lower Upper
276 100
138 21.0 18.1 27.1
277 24.8 20.9 31.3



Instrument :
BNA_M
ClientSampleID :
BGDD1DL

Manual Integrations
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