

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062521\
 Data File : BM030635.D
 Acq On : 26 Jun 2021 13:26
 Operator : CG/JU
 Sample : M2682-14DL 5X
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleID :
 BGD33DL

Manual Integrations
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Quant Time: Jun 27 02:41:19 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM062321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 25 10:09:59 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.794	152	4653	0.400	ng/ul	0.00
4) Naphthalene-d8	10.581	136	19358	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.421	164	11362	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.155	188	21236	0.400	ng/ul	0.00
17) Chrysene-d12	21.321	240	14626	0.400	ng/ul	0.00
23) Perylene-d12	23.576	264	13470	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.282	96	1725	0.347	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.173	152	771	0.025	ng/ul	0.00
18) Fluoranthene-d10	19.176	212	1424	0.032	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.630	128	4162	0.072	ng/ul#	95
7) 2-Methylnaphthalene	12.245	142	1609	0.041	ng/ul	100
8) 1-Methylnaphthalene	12.466	142	1480	0.039	ng/ul	98
10) Acenaphthylene	14.140	152	3034	0.057	ng/ul#	91
11) Acenaphthene	14.485	153	6124	0.141	ng/ul	98
12) Fluorene	15.467	166	7160	0.149	ng/ul	98
15) Phenanthrene	17.197	178	127820	1.690	ng/ul	99
16) Anthracene	17.290	178	28759	0.434	ng/ul	99
19) Fluoranthene	19.207	202	168736	2.509	ng/ul	98
20) Pyrene	19.569	202	103128	1.497	ng/ul	98
21) Benzo(a)anthracene	21.306	228	64768	1.115	ng/ul	99
22) Chrysene	21.357	228	57297	0.888	ng/ul	98
24) Benzo(b)fluoranthene	22.900	252	62100m	1.060	ng/ul	
25) Benzo(k)fluoranthene	22.939	252	23948m	0.390	ng/ul	
26) Benzo(a)pyrene	23.476	252	19118	0.368	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	25.853	276	15800	0.239	ng/ul#	95
28) Dibenzo(a,h)anthracene	25.860	278	6562	0.124	ng/ul#	80

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

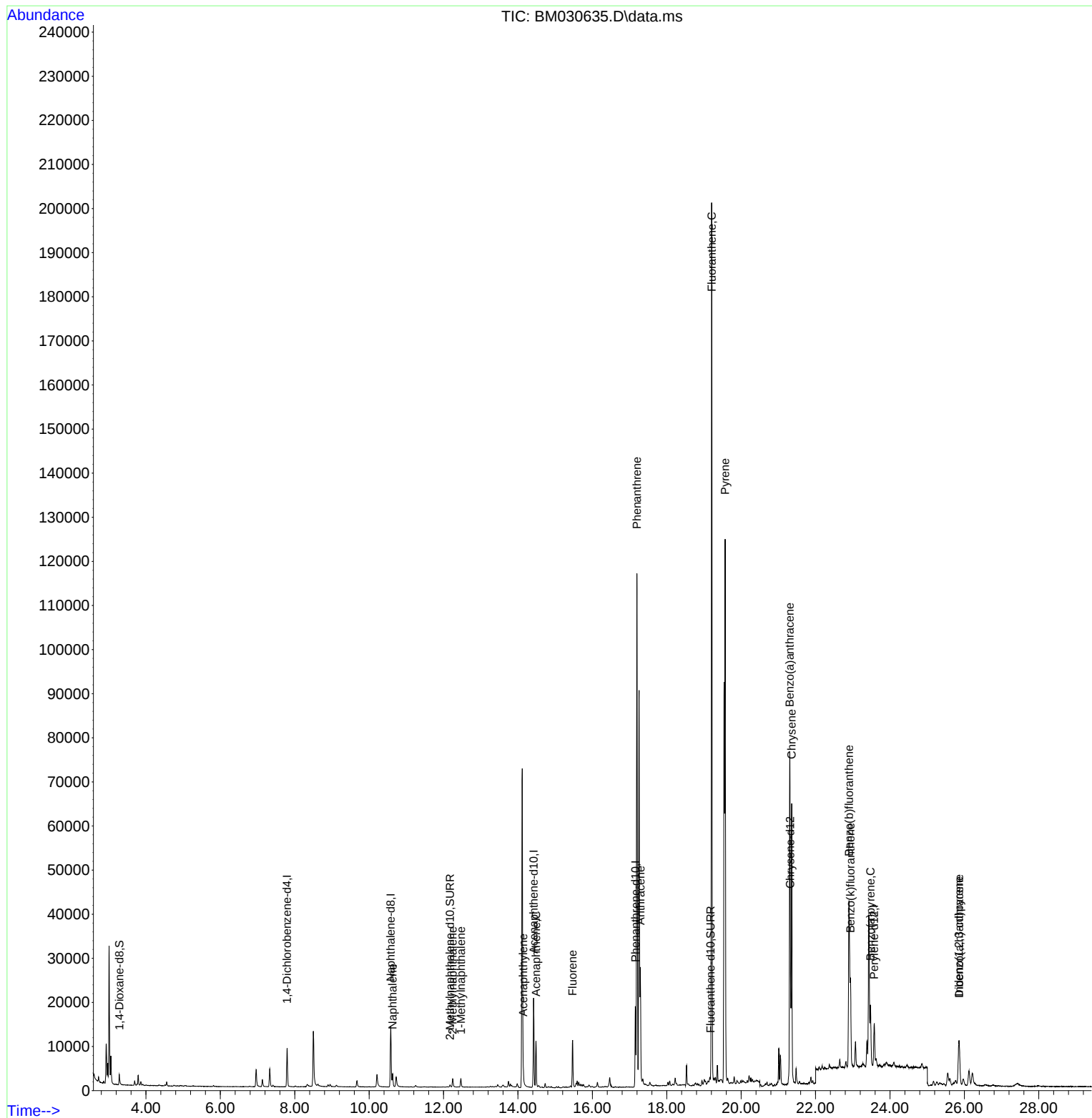
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062521\
Data File : BM030635.D
Acq On : 26 Jun 2021 13:26
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ALS Vial : 47 Sample Multiplier: 1

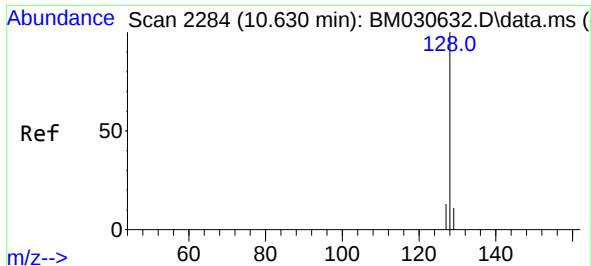
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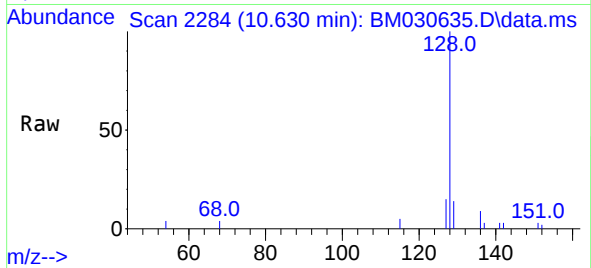
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 25 10:09:59 2021
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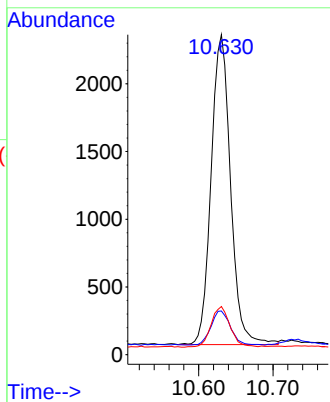
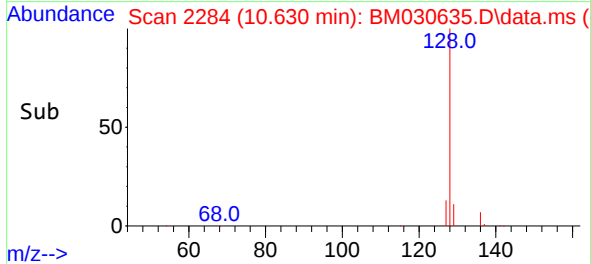




#5
Naphthalene
Concen: 0.072 ng/ul
RT: 10.630 min Scan# 2284
Delta R.T. -0.004 min
Lab File: BM030635.D
Acq: 26 Jun 2021 13:26



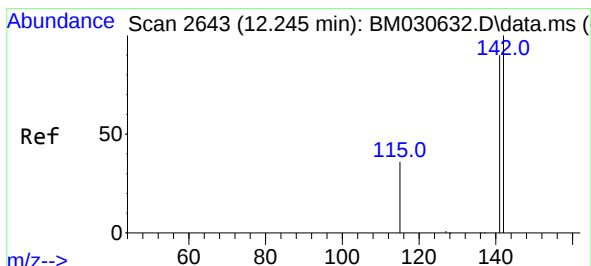
Tgt Ion:128 Resp: 4162
Ion Ratio Lower Upper
128 100
129 13.7 9.0 13.6#
127 15.1 10.9 16.3



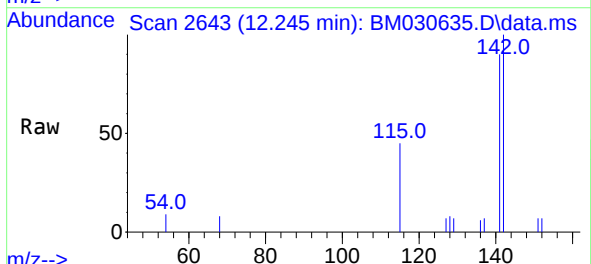
Instrument :
BNA_M
ClientSampleId :
BGD33DL

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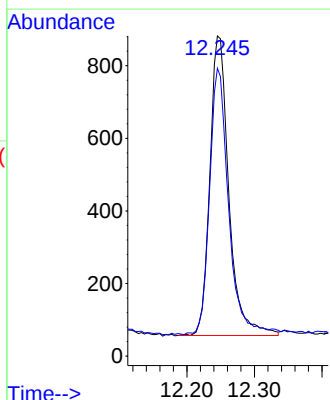
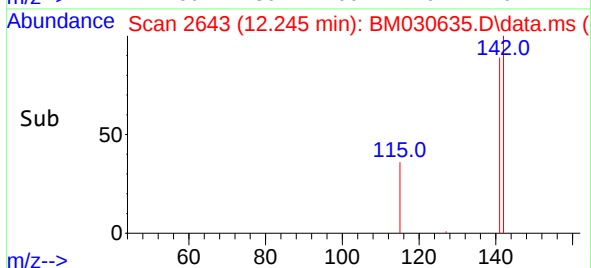
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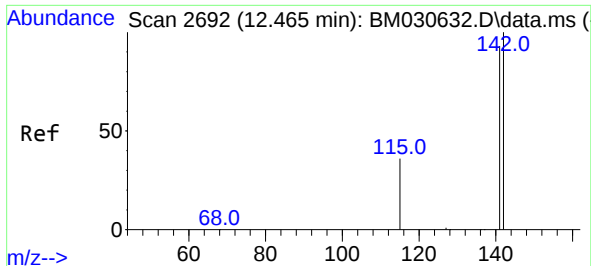


#7
2-Methylnaphthalene
Concen: 0.041 ng/ul
RT: 12.245 min Scan# 2643
Delta R.T. -0.004 min
Lab File: BM030635.D
Acq: 26 Jun 2021 13:26



Tgt Ion:142 Resp: 1609
Ion Ratio Lower Upper
142 100
141 89.2 71.4 107.0





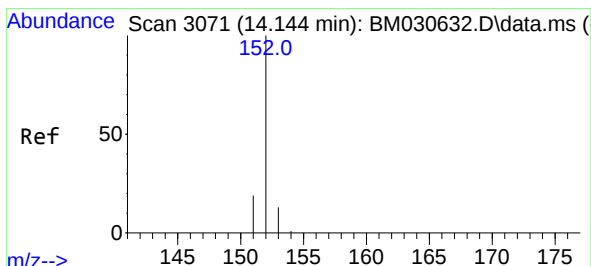
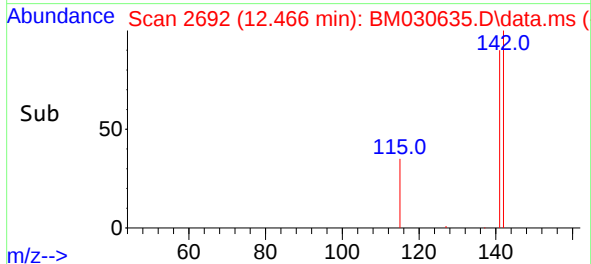
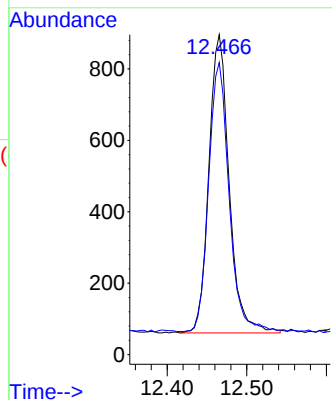
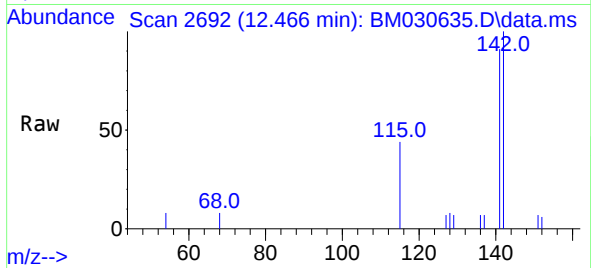
#8
1-Methylnaphthalene
Concen: 0.039 ng/ul
RT: 12.466 min Scan# 2692
Delta R.T. 0.000 min
Lab File: BM030635.D
Acq: 26 Jun 2021 13:26

Tgt Ion:142 Resp: 1480
Ion Ratio Lower Upper
142 100
141 89.9 73.4 110.0

Instrument :
BNA_M
ClientSampled :
BGD33DL

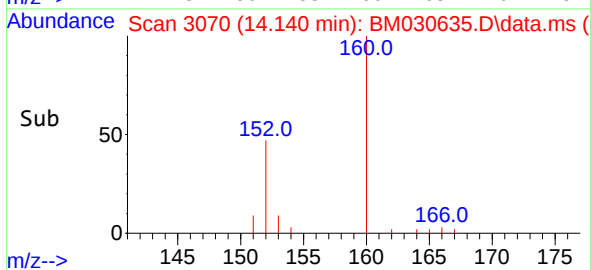
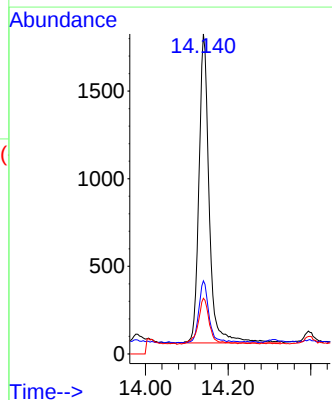
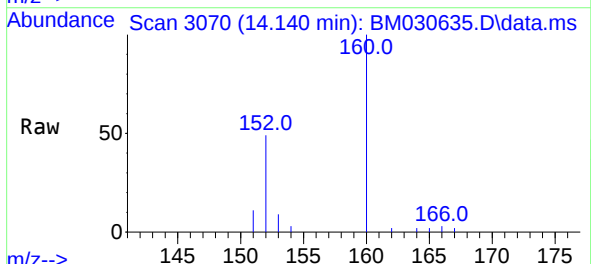
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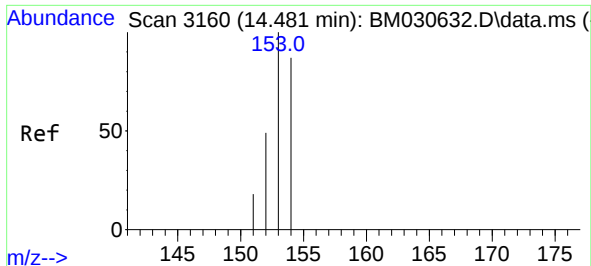
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#10
Acenaphthylene
Concen: 0.057 ng/ul
RT: 14.140 min Scan# 3070
Delta R.T. -0.004 min
Lab File: BM030635.D
Acq: 26 Jun 2021 13:26

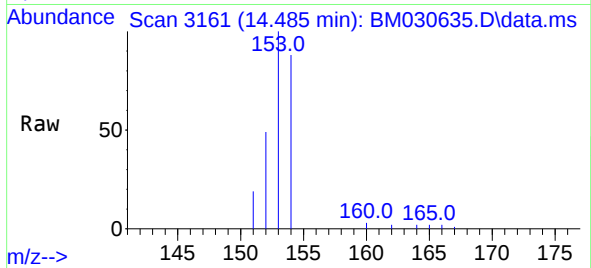
Tgt Ion:152 Resp: 3034
Ion Ratio Lower Upper
152 100
151 22.8 15.5 23.3
153 17.4 10.7 16.1#





#11
Acenaphthene
Concen: 0.141 ng/ul
RT: 14.485 min Scan# 3161
Delta R.T. 0.000 min
Lab File: BM030635.D
Acq: 26 Jun 2021 13:26

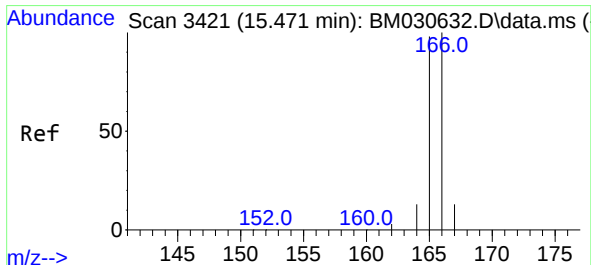
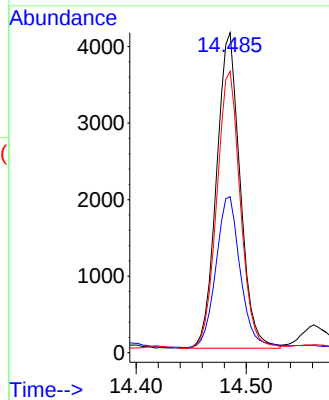
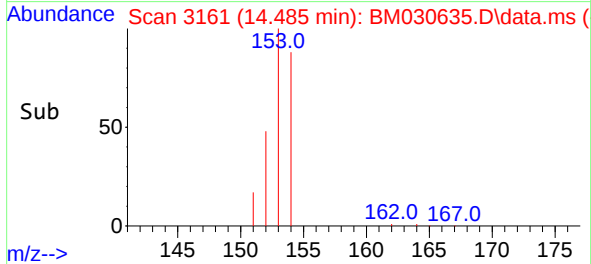
Instrument :
BNA_M
ClientSampled :
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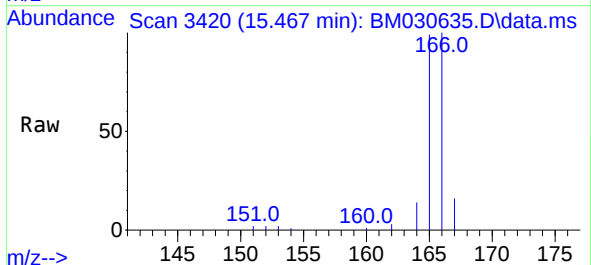
Tgt Ion:153 Resp: 6124
Ion Ratio Lower Upper
153 100
152 48.8 40.2 60.2
154 87.9 71.2 106.8

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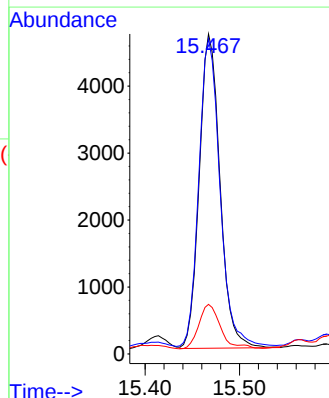
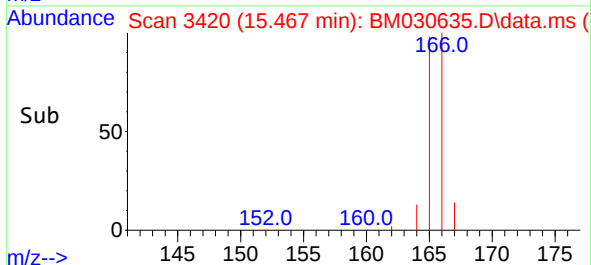
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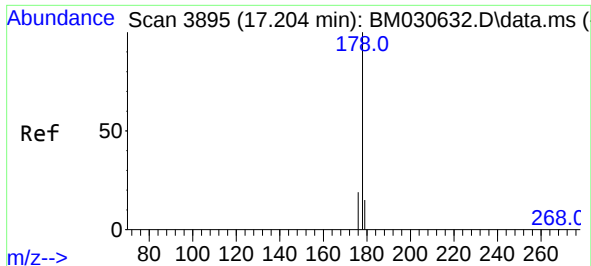


#12
Fluorene
Concen: 0.149 ng/ul
RT: 15.467 min Scan# 3420
Delta R.T. -0.008 min
Lab File: BM030635.D
Acq: 26 Jun 2021 13:26



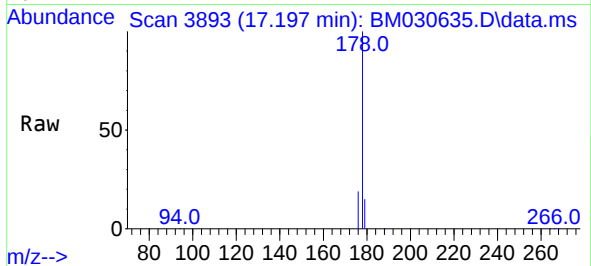
Tgt Ion:166 Resp: 7160
Ion Ratio Lower Upper
166 100
165 98.5 77.7 116.5
167 15.5 11.3 16.9





#15
Phenanthrene
Concen: 1.690 ng/ul
RT: 17.197 min Scan# 3893
Delta R.T. -0.007 min
Lab File: BM030635.D
Acq: 26 Jun 2021 13:26

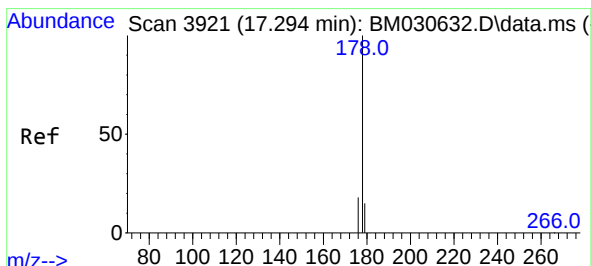
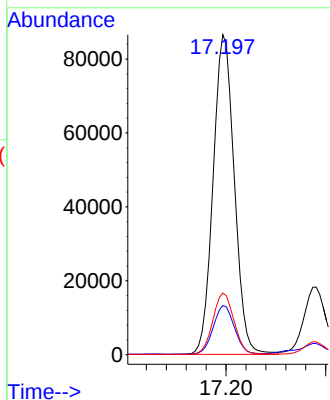
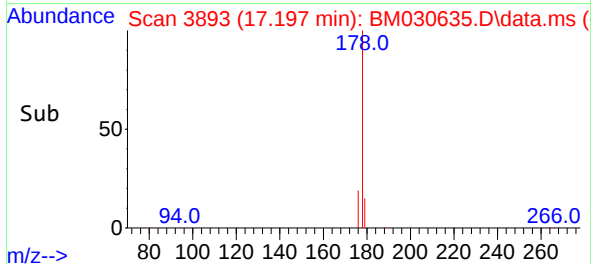
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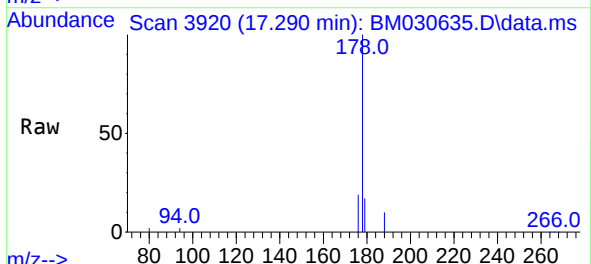
Tgt Ion:178 Resp: 127820
Ion Ratio Lower Upper
178 100
179 15.4 12.6 19.0
176 19.3 15.5 23.3

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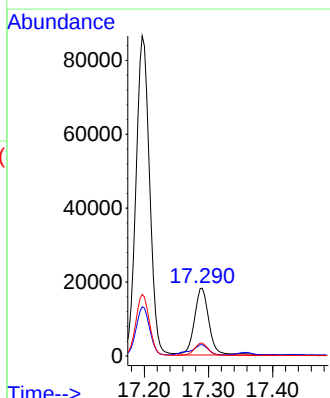
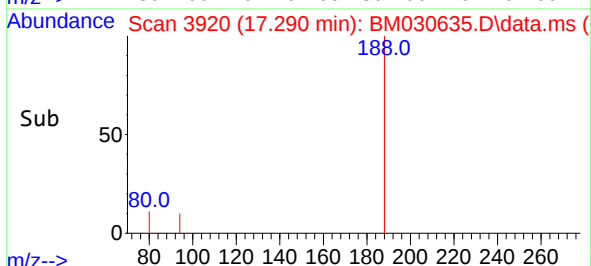
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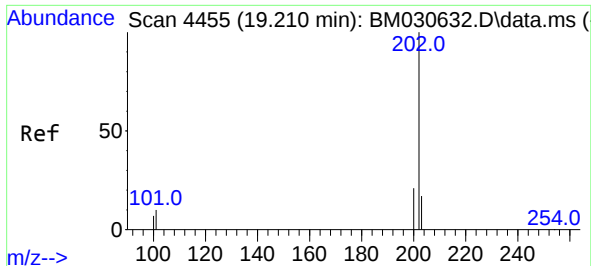


#16
Anthracene
Concen: 0.434 ng/ul
RT: 17.290 min Scan# 3920
Delta R.T. -0.007 min
Lab File: BM030635.D
Acq: 26 Jun 2021 13:26



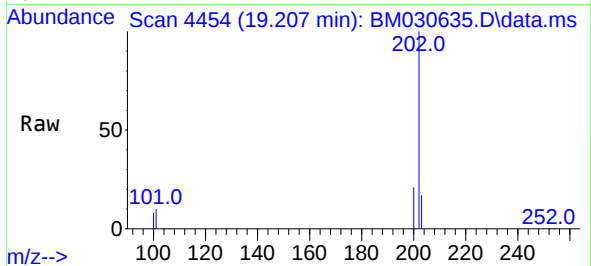
Tgt Ion:178 Resp: 28759
Ion Ratio Lower Upper
178 100
179 16.6 12.7 19.1
176 18.9 15.2 22.8





#19
Fluoranthene
Concen: 2.509 ng/u1
RT: 19.207 min Scan# 4454
Delta R.T. -0.008 min
Lab File: BM030635.D
Acq: 26 Jun 2021 13:26

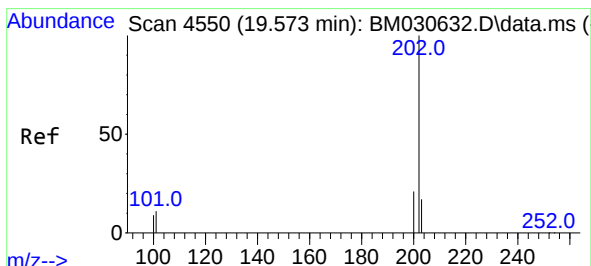
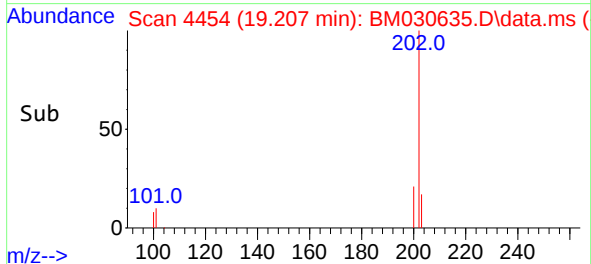
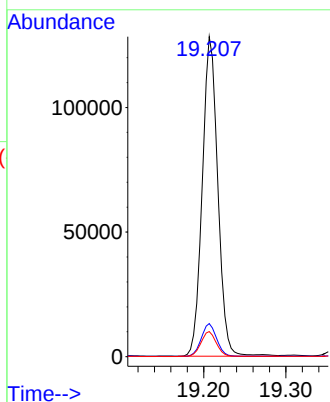
Instrument :
BNA_M
ClientSampleId :
BGD33DL



Tgt Ion:202 Resp: 168736
Ion Ratio Lower Upper
202 100
101 10.4 8.8 13.2
100 7.9 6.9 10.3

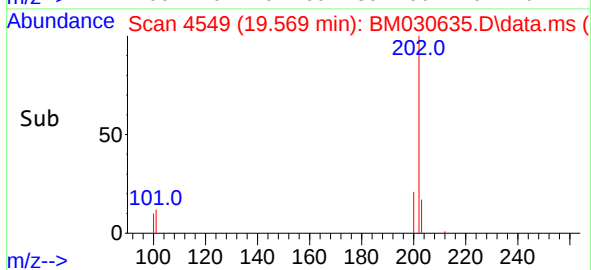
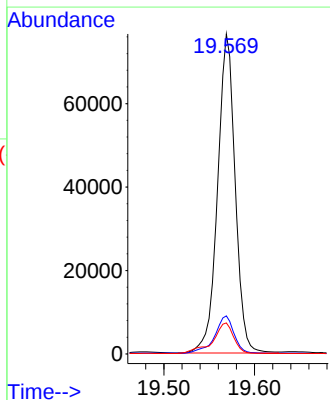
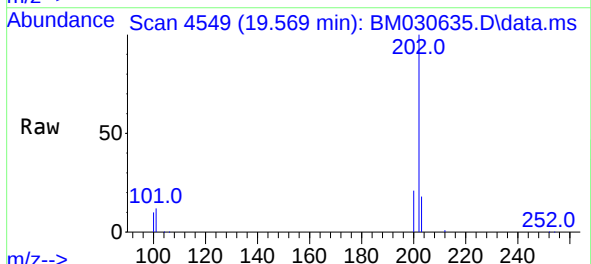
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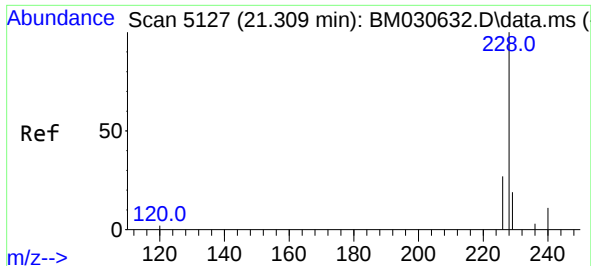
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#20
Pyrene
Concen: 1.497 ng/u1
RT: 19.569 min Scan# 4549
Delta R.T. -0.008 min
Lab File: BM030635.D
Acq: 26 Jun 2021 13:26

Tgt Ion:202 Resp: 103128
Ion Ratio Lower Upper
202 100
101 11.9 10.1 15.1
100 9.7 8.2 12.2





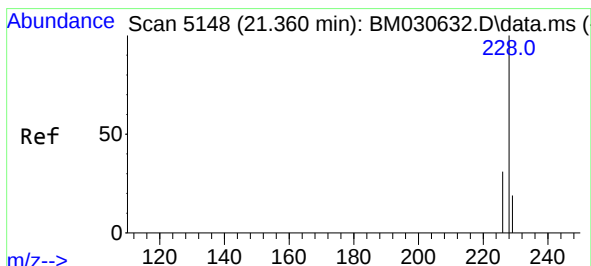
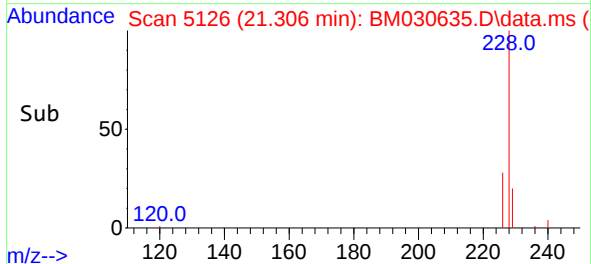
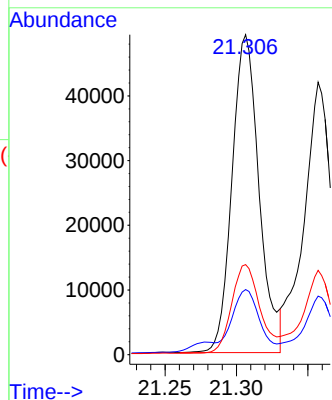
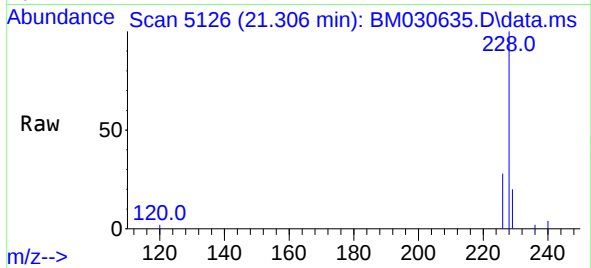
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Benzo(a)anthracene
Concen: 1.115 ng/ul
RT: 21.306 min Scan# 5126
Delta R.T. -0.007 min
Lab File: BM030635.D
Acq: 26 Jun 2021 13:26

Tgt Ion:	228	Resp:	64768
Ion Ratio	Lower	Upper	
228	100		
229	20.3	15.8	23.6
226	28.1	22.2	33.4

Instrument :
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ClientSampled :
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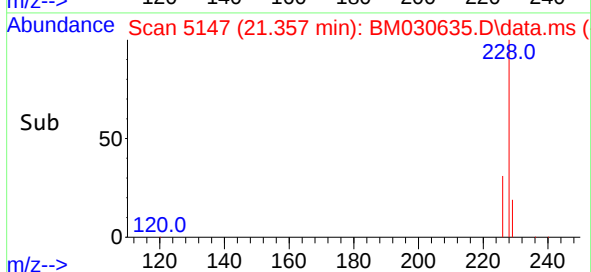
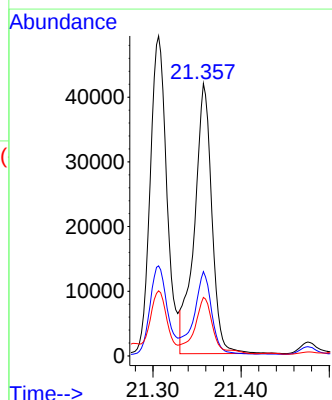
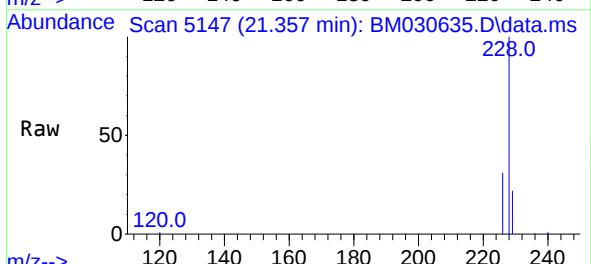
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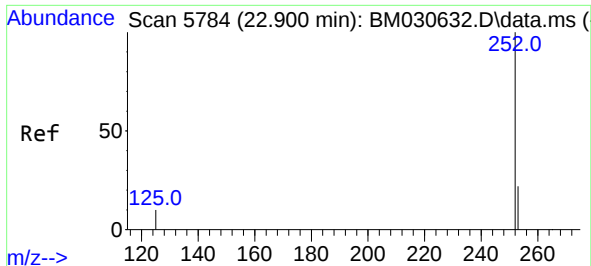
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#22
Chrysene
Concen: 0.888 ng/ul
RT: 21.357 min Scan# 5147
Delta R.T. -0.007 min
Lab File: BM030635.D
Acq: 26 Jun 2021 13:26

Tgt Ion:	228	Resp:	57297
Ion Ratio	Lower	Upper	
228	100		
226	30.9	24.4	36.6
229	21.5	15.4	23.0





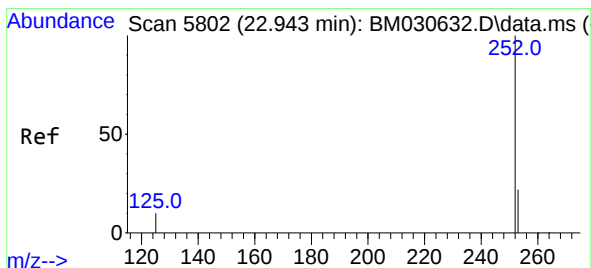
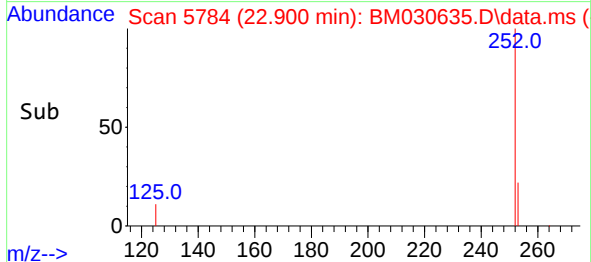
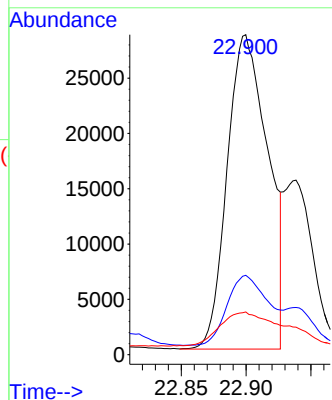
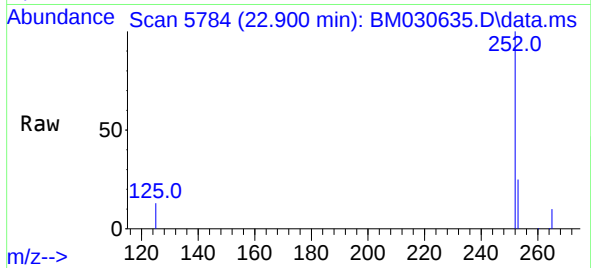
#24
Benzo(b)fluoranthene
Concen: 1.060 ng/ul m
RT: 22.900 min Scan# 5784
Delta R.T. -0.007 min
Lab File: BM030635.D
Acq: 26 Jun 2021 13:26

Tgt Ion:252 Resp: 62100
Ion Ratio Lower Upper
252 100
253 24.8 0.0 50.2
125 13.4 0.0 27.8

Instrument :
BNA_M
ClientSampled :
BGD33DL

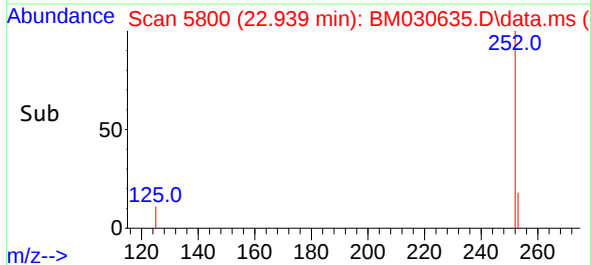
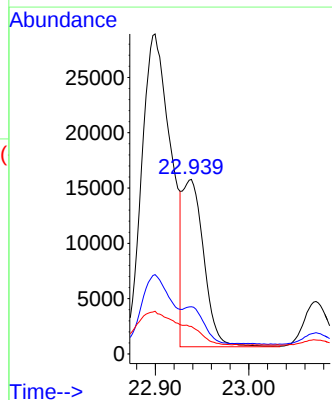
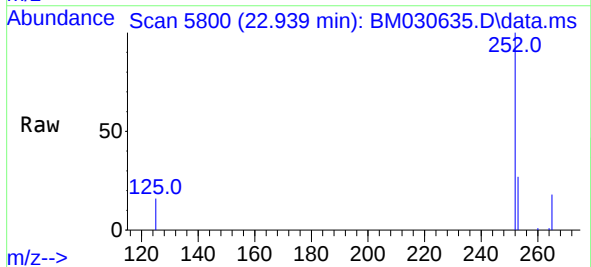
Manual Integrations
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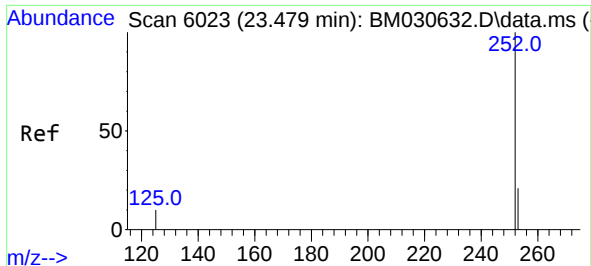
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#25
Benzo(k)fluoranthene
Concen: 0.390 ng/ul m
RT: 22.939 min Scan# 5800
Delta R.T. -0.014 min
Lab File: BM030635.D
Acq: 26 Jun 2021 13:26

Tgt Ion:252 Resp: 23948
Ion Ratio Lower Upper
252 100
253 27.1 20.6 31.0
125 15.8 11.0 16.4





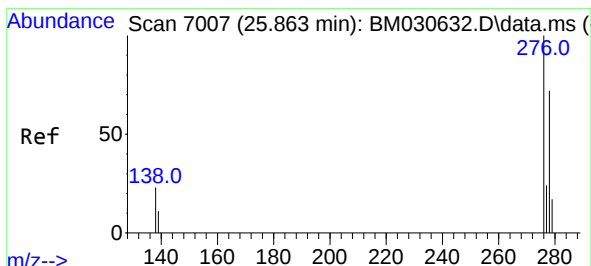
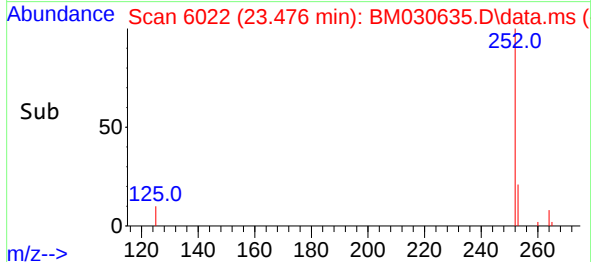
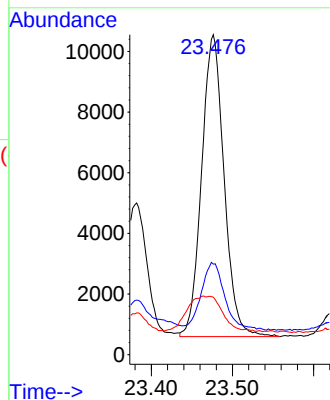
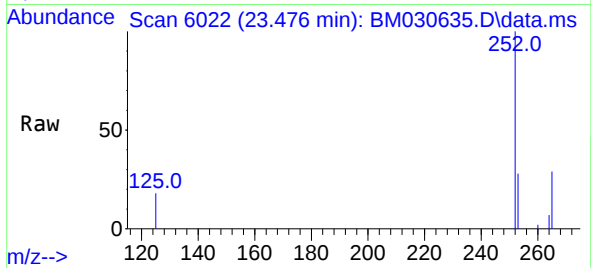
#26
Benzo(a)pyrene
Concen: 0.368 ng/ul
RT: 23.476 min Scan# 6022
Delta R.T. -0.012 min
Lab File: BM030635.D
Acq: 26 Jun 2021 13:26

Tgt Ion:	252	Resp:	19118
Ion Ratio	Lower	Upper	
252	100		
253	28.3	22.0	33.0
125	18.0	13.4	20.2

Instrument :
BNA_M
ClientSampleId :
BGD33DL

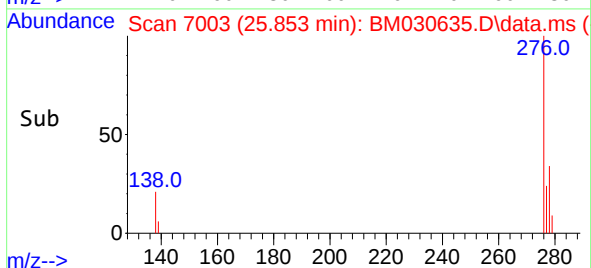
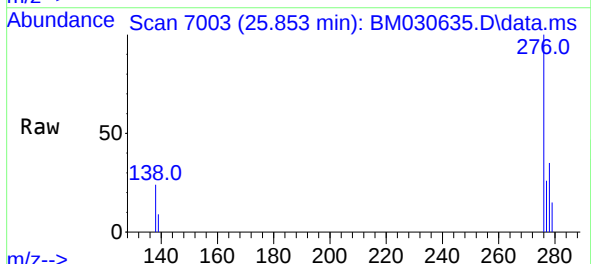
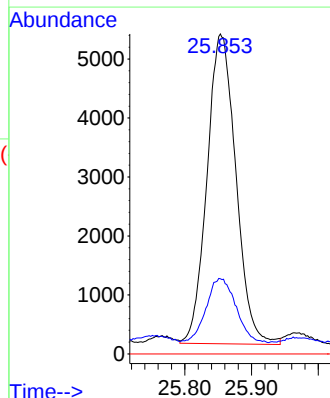
Manual Integrations
APPROVED

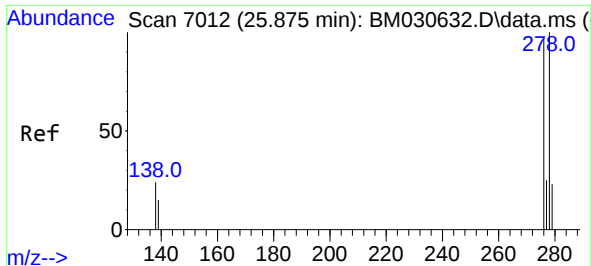
mohammad
6/28/2021 1:22:46 PM



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.239 ng/ul
RT: 25.853 min Scan# 7003
Delta R.T. -0.019 min
Lab File: BM030635.D
Acq: 26 Jun 2021 13:26

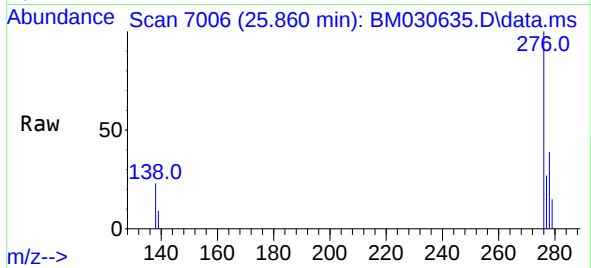
Tgt Ion:	276	Resp:	15800
Ion Ratio	Lower	Upper	
276	100		
138	21.2	19.1	28.7
227	0.0	0.0	0.0





#28
 Dibenzo(a,h)anthracene
 Concen: 0.124 ng/ul
 RT: 25.860 min Scan# 7006
 Delta R.T. -0.027 min
 Lab File: BM030635.D
 Acq: 26 Jun 2021 13:26

Instrument :
 BNA_M
 ClientSampleId :
 BGD33DL



Tgt Ion: 278 Resp: 6562
 Ion Ratio Lower Upper
 278 100
 139 23.3 14.2 21.4#
 279 39.8 21.6 32.4#

Manual Integrations
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