

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062821\
 Data File : BM030660.D
 Acq On : 28 Jun 2021 19:15
 Operator : CG/JU
 Sample : M2682-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BGDF3

Manual Integrations
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Quant Time: Jun 29 02:21:15 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	2348	0.40	ng/ul	0.00
4) Naphthalene-d8	10.572	136	8961	0.40	ng/ul	# 0.00
9) Acenaphthene-d10	14.417	164	6262	0.40	ng/ul	0.00
13) Phenanthrene-d10	17.155	188	11204	0.40	ng/ul	# 0.00
17) Chrysene-d12	21.336	240	16446	0.40	ng/ul	# 0.00
23) Perylene-d12	23.590	264	15556m	0.40	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.276	96	4454	1.74	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.164	152	3199	0.23	ng/ul	0.00
18) Fluoranthene-d10	19.180	212	6910m	0.15	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.622	128	172373	6.75	ng/ul	98
7) 2-Methylnaphthalene	12.236	142	28785	1.67	ng/ul	98
8) 1-Methylnaphthalene	12.457	142	18998	1.14	ng/ul	98
10) Acenaphthylene	14.137	152	621588	22.24	ng/ul	98
11) Acenaphthene	14.478	153	200023	8.83	ng/ul	98
12) Fluorene	15.464	166	767506	30.72	ng/ul	99
15) Phenanthrene	17.207	178	8149668	216.37	ng/ul	94
16) Anthracene	17.294	178	5513902	167.16	ng/ul	98
19) Fluoranthene	19.230	202	14622000	201.44	ng/ul#	86
20) Pyrene	19.584	202	9897922	135.60	ng/ul#	90
21) Benzo(a)anthracene	21.319	228	7106089	108.39	ng/ul#	83
22) Chrysene	21.372	228	5724543	77.95	ng/ul#	90
24) Benzo(b)fluoranthene	22.924	252	6330789m	91.88	ng/ul	
25) Benzo(k)fluoranthene	22.956	252	2823877m	39.75	ng/ul	
26) Benzo(a)pyrene	23.496	252	2597252	44.32	ng/ul#	86
27) Indeno(1,2,3-cd)pyrene	25.882	276	1926983	25.24	ng/ul#	97
28) Dibenzo(a,h)anthracene	25.882	278	812706	13.27	ng/ul	97
29) Benzo(g,h,i)perylene	26.575	276	82766	1.25	ng/ul#	85

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

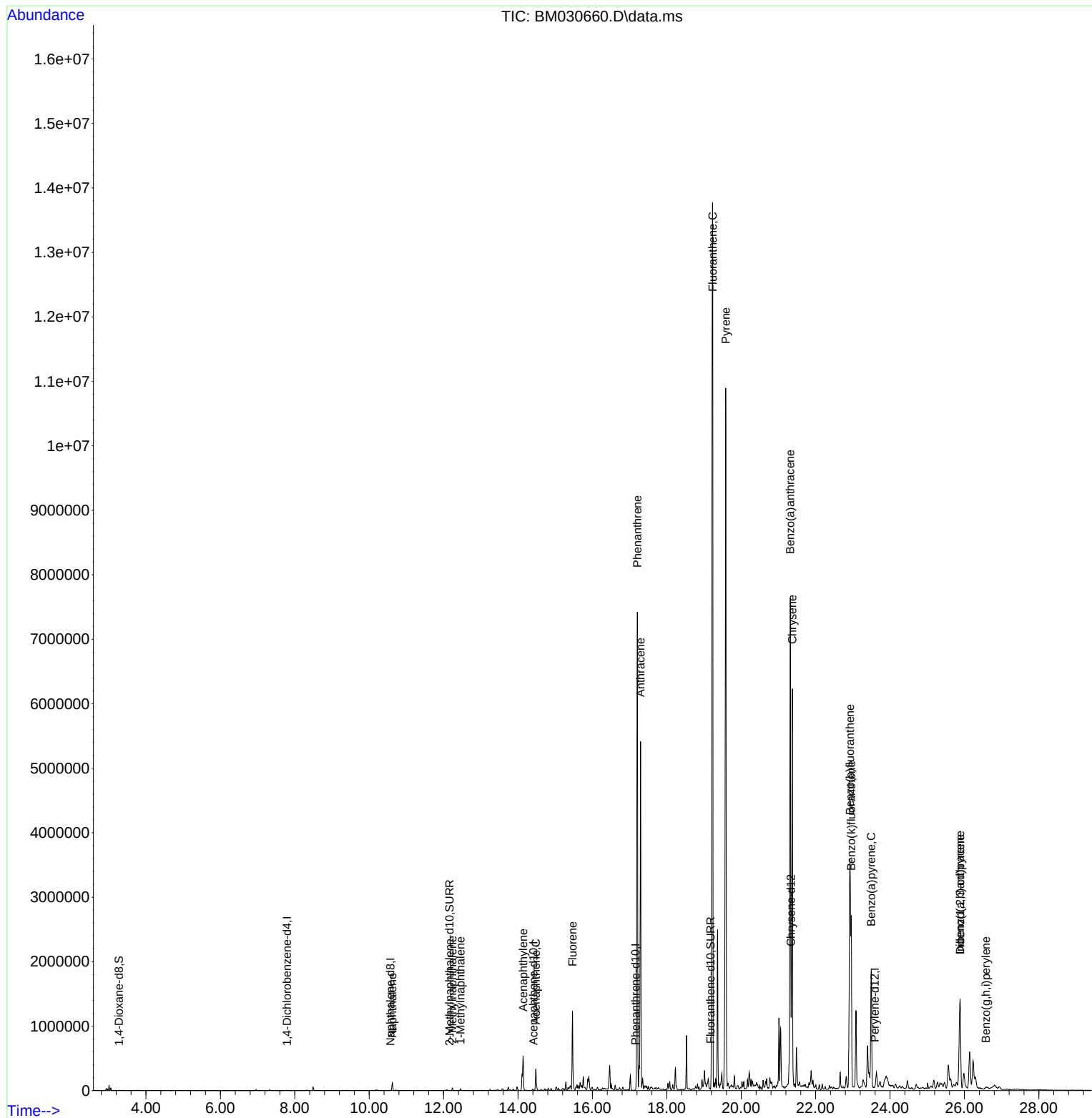
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062821\
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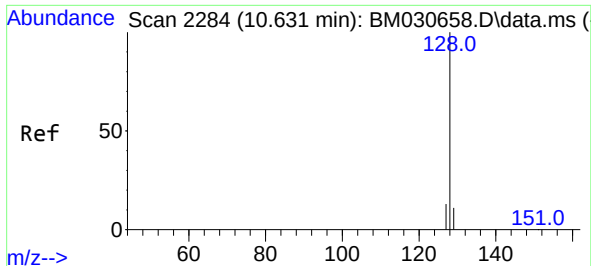
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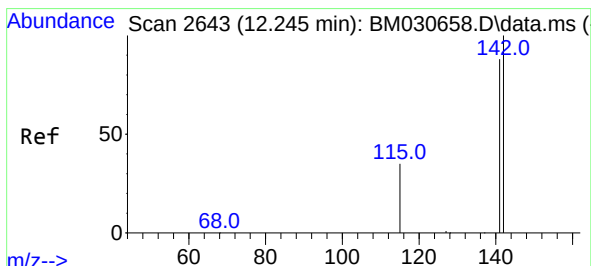
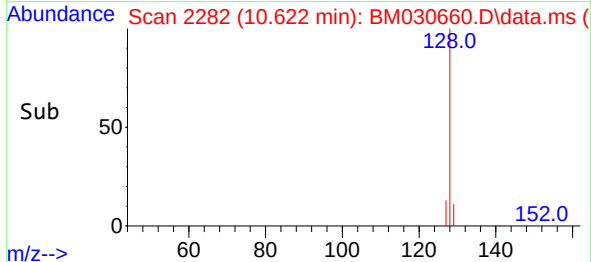
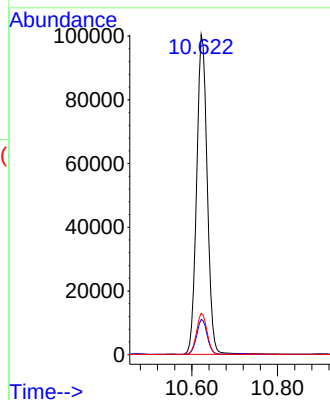
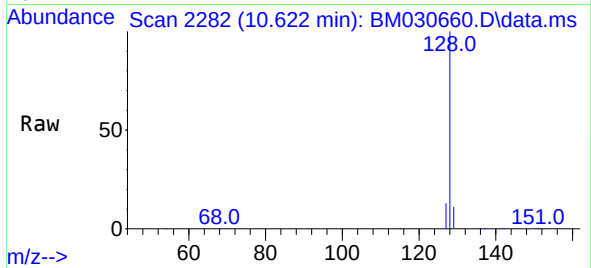
#5
Naphthalene
Concen: 6.75 ng/ul
RT: 10.622 min Scan# 2282
Delta R.T. -0.008 min
Lab File: BM030660.D
Acq: 28 Jun 2021 19:15

Tgt Ion:128 Resp: 172373
Ion Ratio Lower Upper
128 100
129 11.0 9.5 14.3
127 13.0 11.2 16.8

Instrument :
BNA_M
ClientSampled :
BGDF3

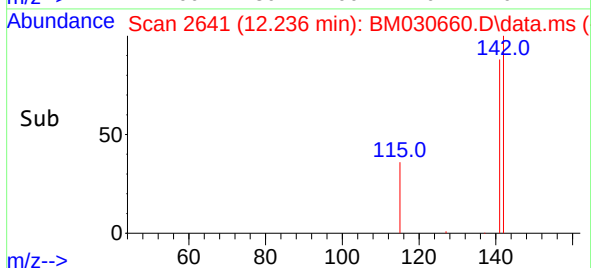
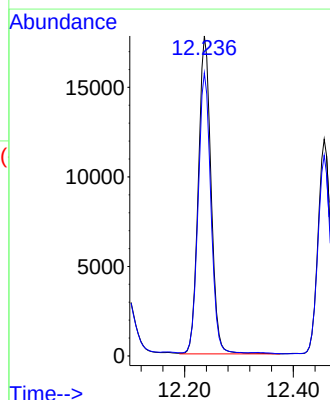
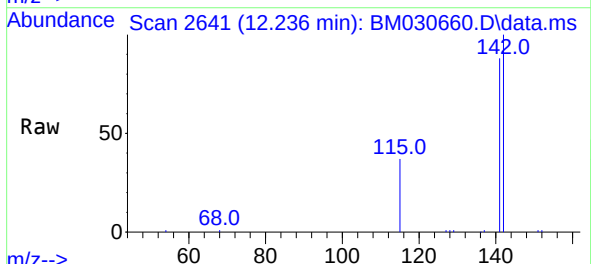
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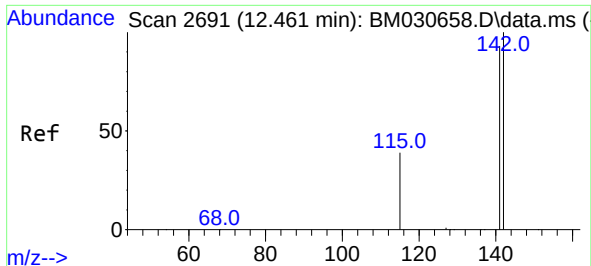
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#7
2-Methylnaphthalene
Concen: 1.67 ng/ul
RT: 12.236 min Scan# 2641
Delta R.T. -0.008 min
Lab File: BM030660.D
Acq: 28 Jun 2021 19:15

Tgt Ion:142 Resp: 28785
Ion Ratio Lower Upper
142 100
141 87.4 71.4 107.0





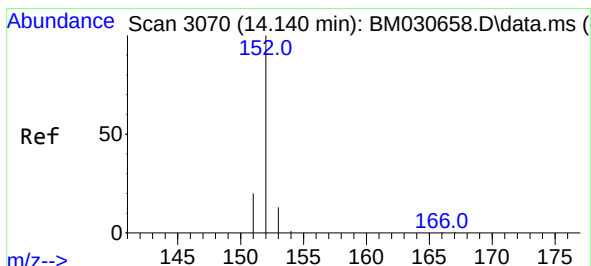
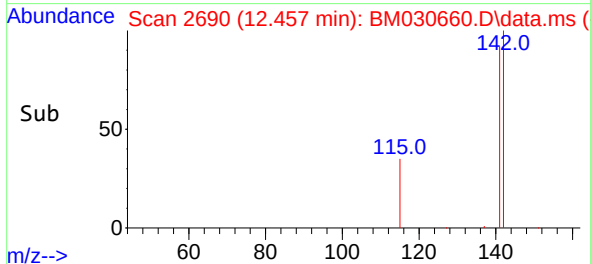
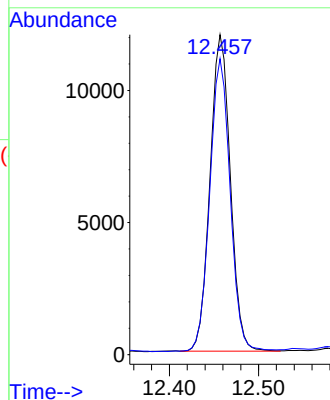
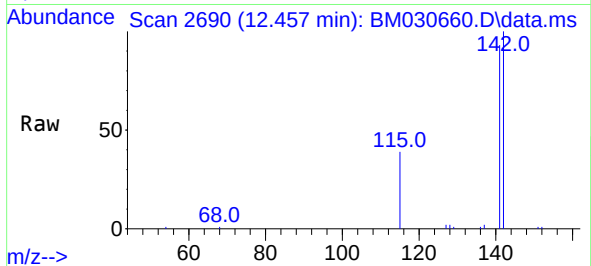
#8
1-Methylnaphthalene
Concen: 1.14 ng/ul
RT: 12.457 min Scan# 2690
Delta R.T. -0.004 min
Lab File: BM030660.D
Acq: 28 Jun 2021 19:15

Tgt Ion:142 Resp: 18998
Ion Ratio Lower Upper
142 100
141 93.6 73.2 109.8

Instrument :
BNA_M
ClientSampled :
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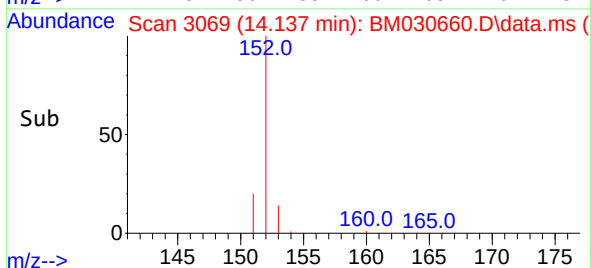
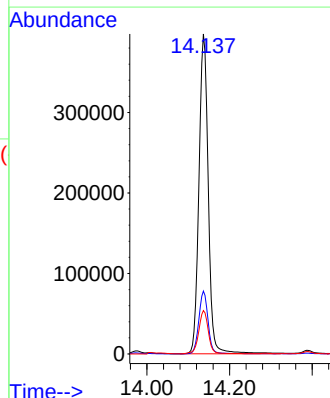
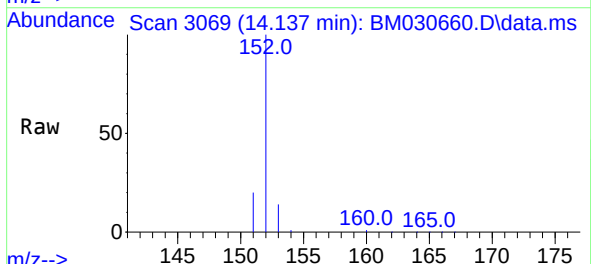
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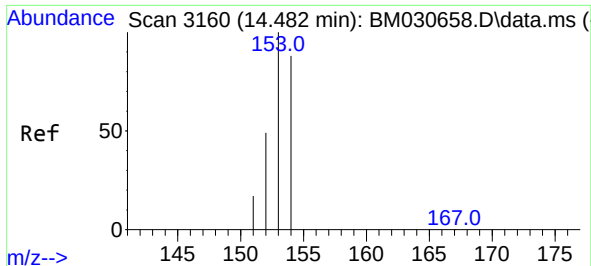
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#10
Acenaphthylene
Concen: 22.24 ng/ul
RT: 14.137 min Scan# 3069
Delta R.T. -0.004 min
Lab File: BM030660.D
Acq: 28 Jun 2021 19:15

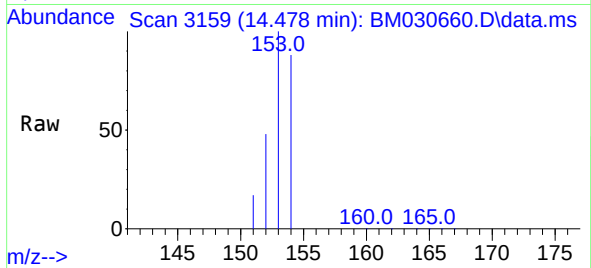
Tgt Ion:152 Resp: 621588
Ion Ratio Lower Upper
152 100
151 19.6 16.2 24.4
153 13.6 11.4 17.0



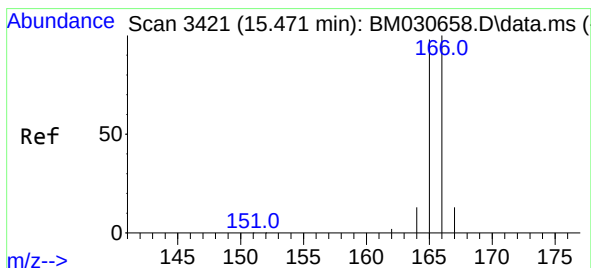
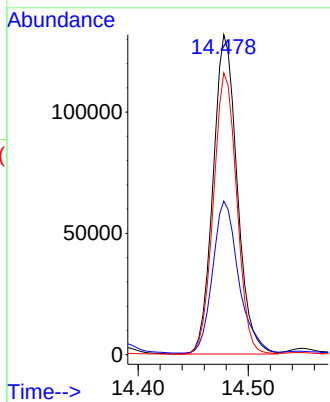
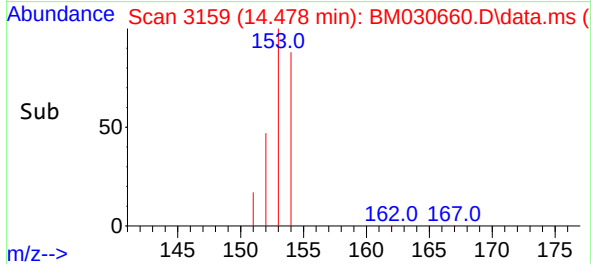


#11
Acenaphthene
Concen: 8.83 ng/ul
RT: 14.478 min Scan# 3159
Delta R.T. -0.004 min
Lab File: BM030660.D
Acq: 28 Jun 2021 19:15

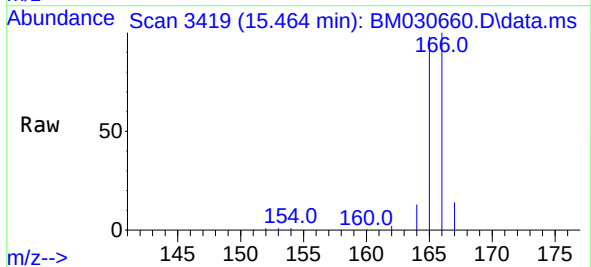
Instrument :
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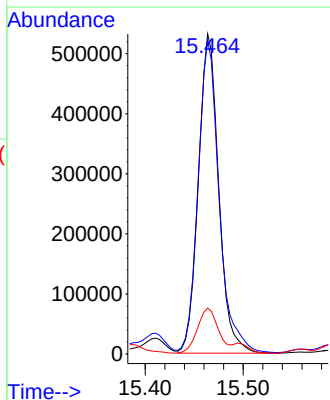
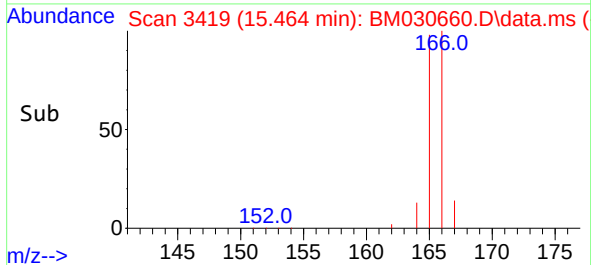
Tgt Ion:153 Resp: 200023
Ion Ratio Lower Upper
153 100
152 48.0 39.8 59.6
154 88.1 68.7 103.1

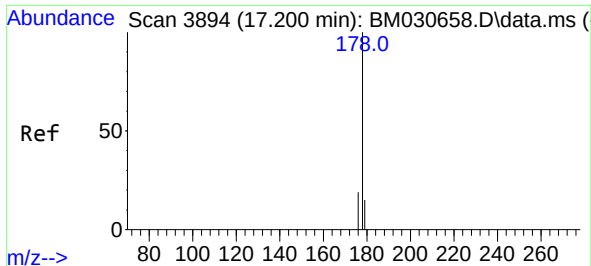


#12
Fluorene
Concen: 30.72 ng/ul
RT: 15.464 min Scan# 3419
Delta R.T. -0.004 min
Lab File: BM030660.D
Acq: 28 Jun 2021 19:15

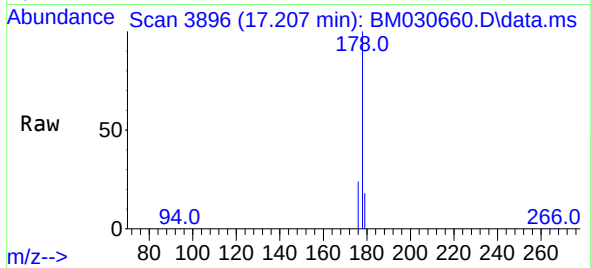


Tgt Ion:166 Resp: 767506
Ion Ratio Lower Upper
166 100
165 98.2 79.1 118.7
167 14.3 12.2 18.2

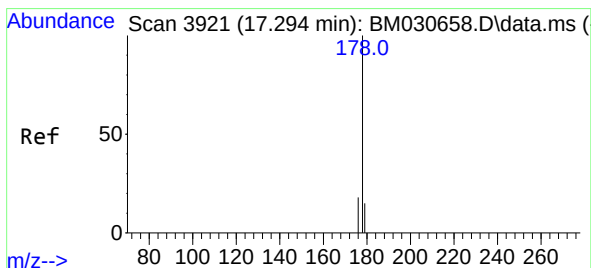
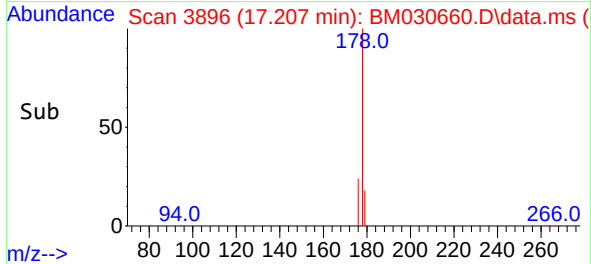
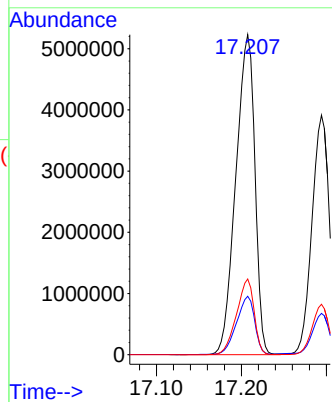




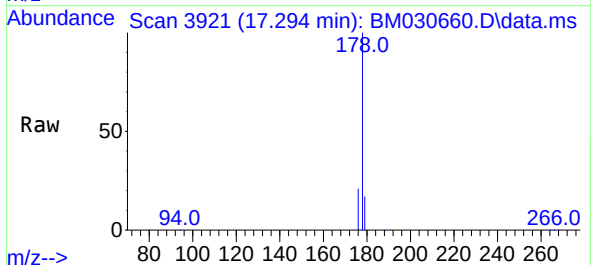
#15
Phenanthrene
Concen: 216.37 ng/u1
RT: 17.207 min Scan# 3896
Delta R.T. 0.007 min
Lab File: BM030660.D
Acq: 28 Jun 2021 19:15



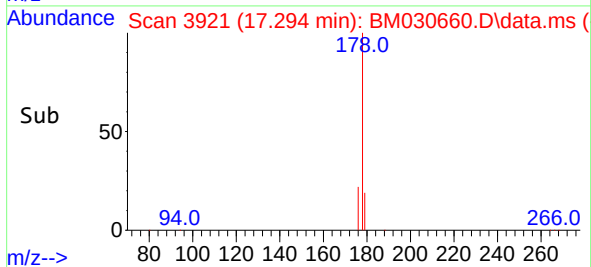
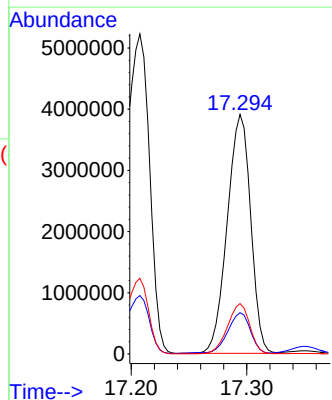
Tgt Ion:178 Resp: 8149668
Ion Ratio Lower Upper
178 100
179 18.3 13.3 19.9
176 23.6 16.0 24.0



#16
Anthracene
Concen: 167.16 ng/u1
RT: 17.294 min Scan# 3921
Delta R.T. 0.004 min
Lab File: BM030660.D
Acq: 28 Jun 2021 19:15



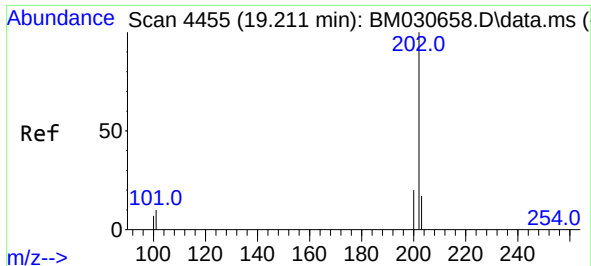
Tgt Ion:178 Resp: 5513902
Ion Ratio Lower Upper
178 100
179 17.2 14.0 21.0
176 21.1 15.8 23.6



Instrument :
BNA_M
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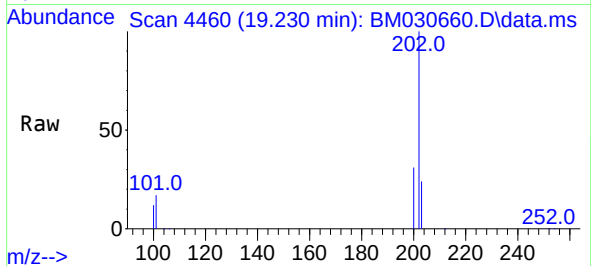
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#19
Fluoranthene
Concen: 201.44 ng/ul
RT: 19.230 min Scan# 4460
Delta R.T. 0.019 min
Lab File: BM030660.D
Acq: 28 Jun 2021 19:15

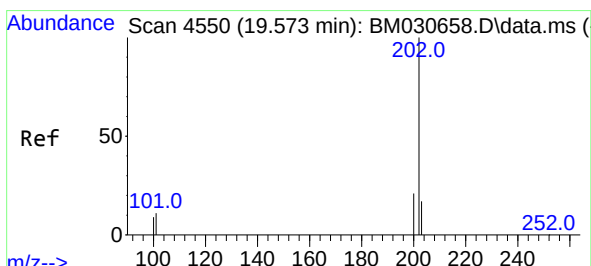
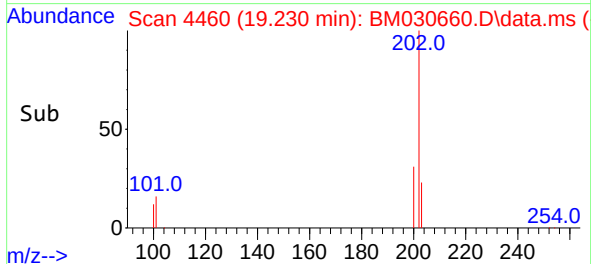
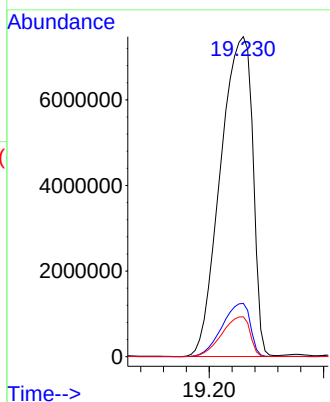
Instrument :
BNA_M
ClientSampled :
BGDF3



Tgt Ion:202 Resp:14622000
Ion Ratio Lower Upper
202 100
101 16.7 8.7 13.1#
100 12.5 6.6 9.8#

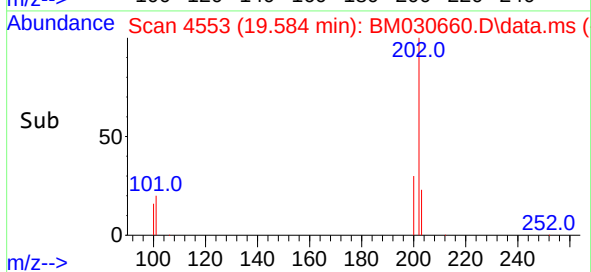
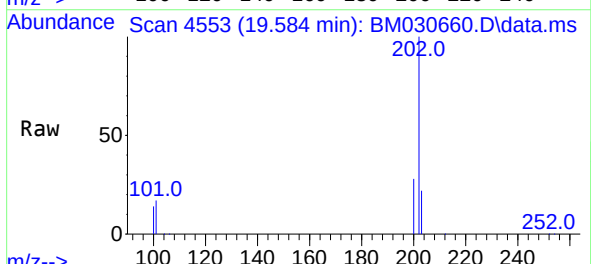
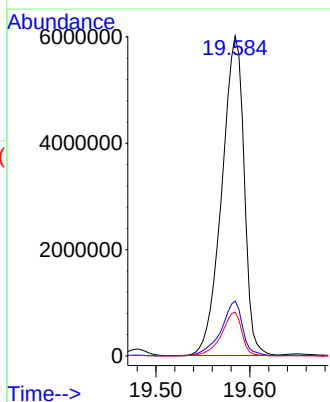
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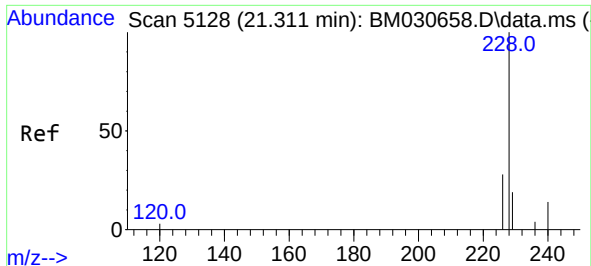
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#20
Pyrene
Concen: 135.60 ng/ul
RT: 19.584 min Scan# 4553
Delta R.T. 0.016 min
Lab File: BM030660.D
Acq: 28 Jun 2021 19:15

Tgt Ion:202 Resp: 9897922
Ion Ratio Lower Upper
202 100
101 17.2 10.2 15.4#
100 13.7 8.5 12.7#





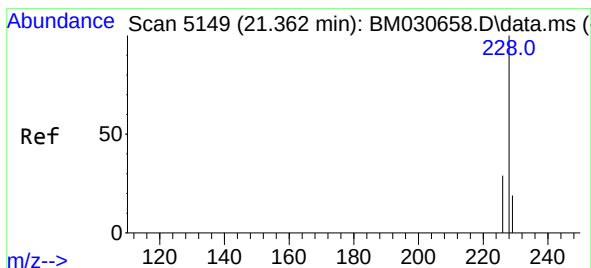
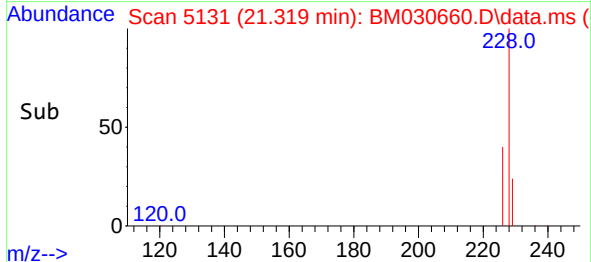
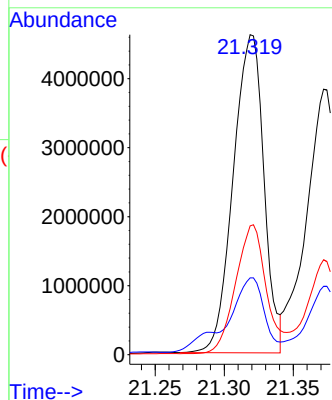
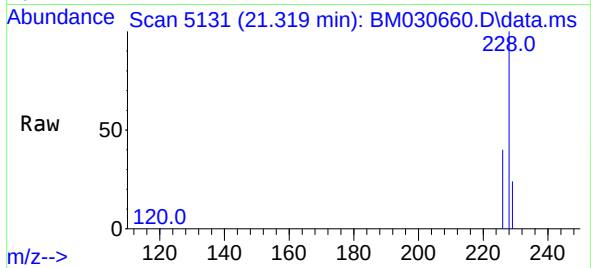
#21
Benzo(a)anthracene
Concen: 108.39 ng/ul
RT: 21.319 min Scan# 5131
Delta R.T. 0.010 min
Lab File: BM030660.D
Acq: 28 Jun 2021 19:15

Tgt Ion:228 Resp: 7106089
Ion Ratio Lower Upper
228 100
229 24.0 16.2 24.2
226 40.2 22.2 33.4#

Instrument :
BNA_M
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BGDF3

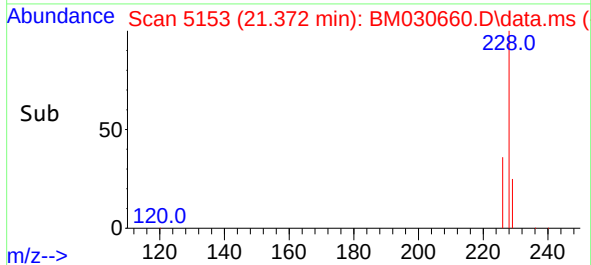
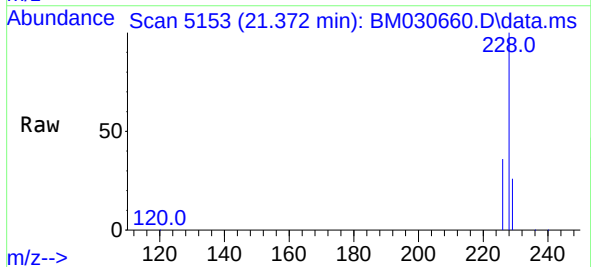
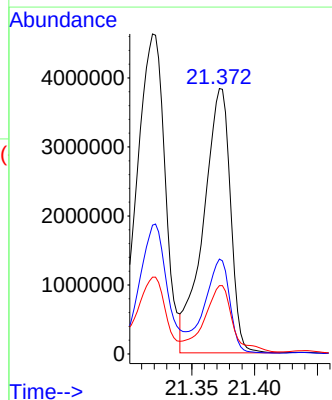
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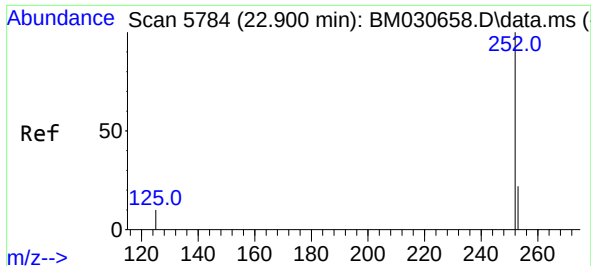
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#22
Chrysene
Concen: 77.95 ng/ul
RT: 21.372 min Scan# 5153
Delta R.T. 0.010 min
Lab File: BM030660.D
Acq: 28 Jun 2021 19:15

Tgt Ion:228 Resp: 5724543
Ion Ratio Lower Upper
228 100
226 35.7 24.9 37.3
229 25.8 16.2 24.2#





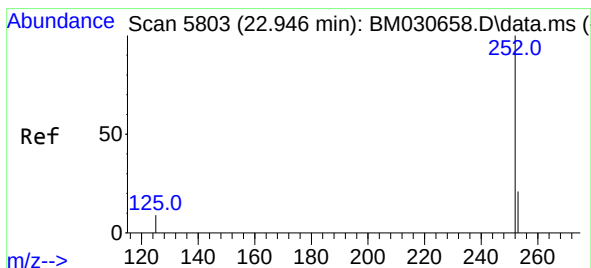
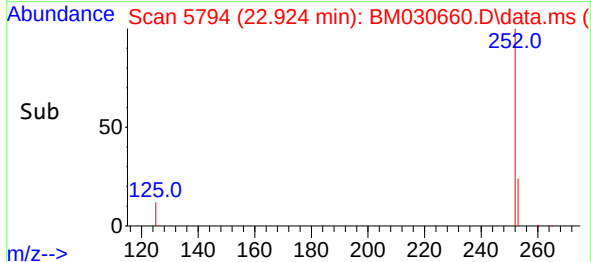
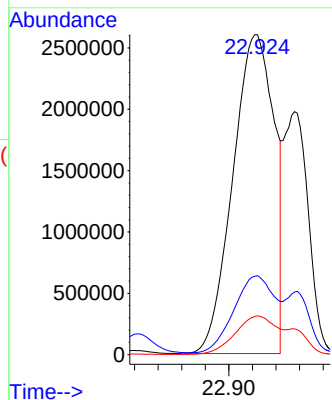
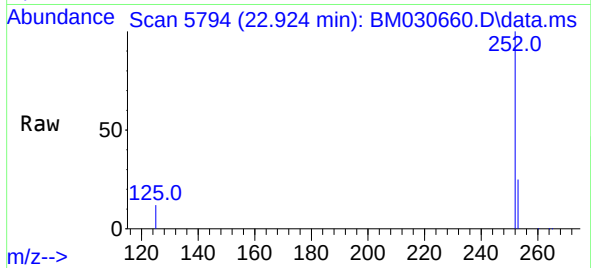
#24
Benzo(b)fluoranthene
Concen: 91.88 ng/ul m
RT: 22.924 min Scan# 5794
Delta R.T. 0.024 min
Lab File: BM030660.D
Acq: 28 Jun 2021 19:15

Tgt Ion:252 Resp: 6330789
Ion Ratio Lower Upper
252 100
253 24.7 0.0 57.8
125 12.1 0.0 33.2

Instrument :
BNA_M
ClientSampled :
BGDF3

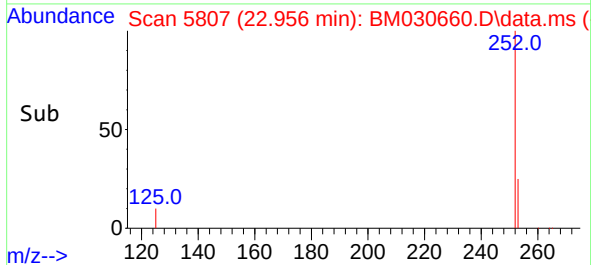
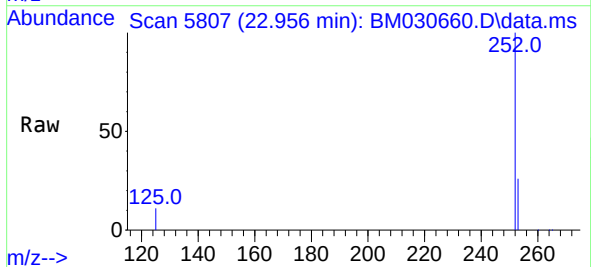
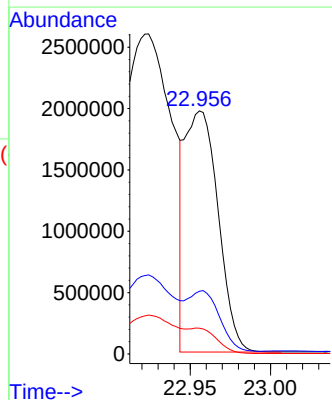
Manual Integrations
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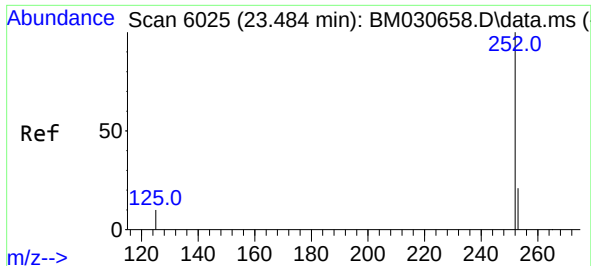
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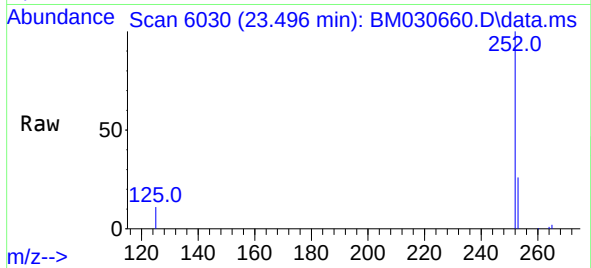
#25
Benzo(k)fluoranthene
Concen: 39.75 ng/ul m
RT: 22.956 min Scan# 5807
Delta R.T. 0.010 min
Lab File: BM030660.D
Acq: 28 Jun 2021 19:15

Tgt Ion:252 Resp: 2823877
Ion Ratio Lower Upper
252 100
253 25.8 23.2 34.8
125 10.6 12.6 19.0#

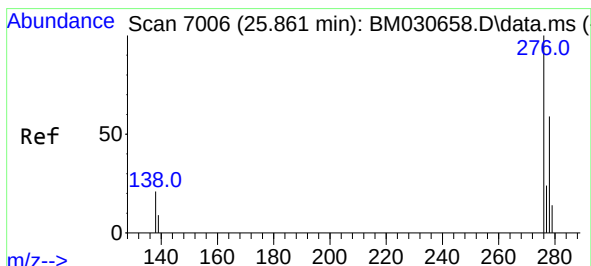
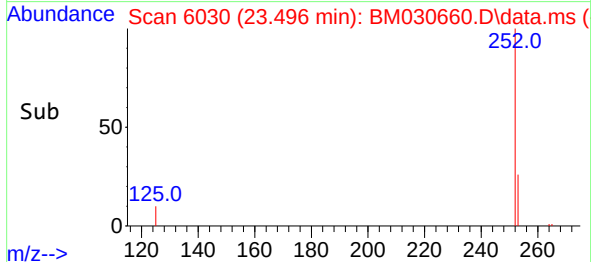
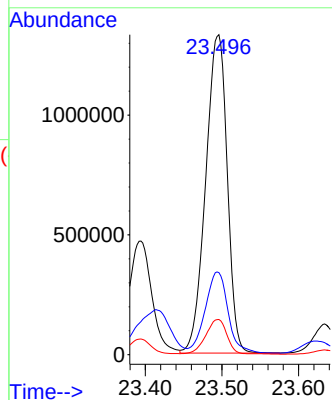




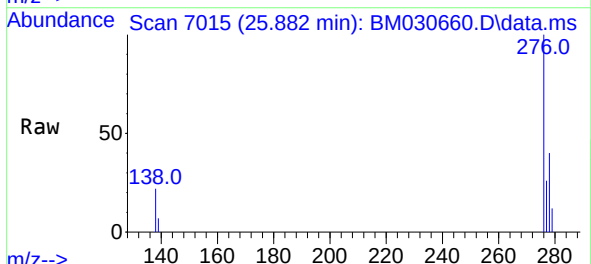
#26
Benzo(a)pyrene
Concen: 44.32 ng/ul
RT: 23.496 min Scan# 6030
Delta R.T. 0.015 min
Lab File: BM030660.D
Acq: 28 Jun 2021 19:15



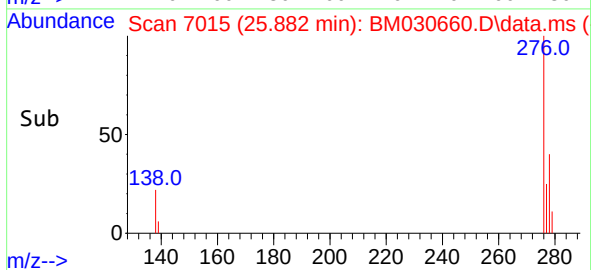
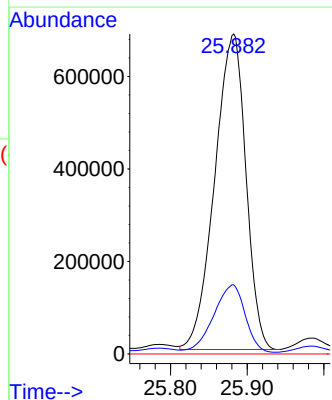
Tgt Ion:252 Resp: 2597252
Ion Ratio Lower Upper
252 100
253 25.6 25.5 38.3
125 11.0 15.8 23.6#



#27
Indeno(1,2,3-cd)pyrene
Concen: 25.24 ng/ul
RT: 25.882 min Scan# 7015
Delta R.T. 0.020 min
Lab File: BM030660.D
Acq: 28 Jun 2021 19:15



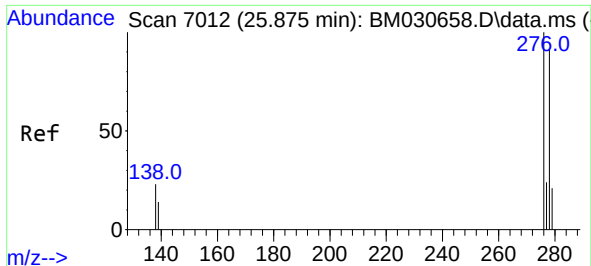
Tgt Ion:276 Resp: 1926983
Ion Ratio Lower Upper
276 100
138 21.5 18.2 27.4
227 0.0 0.0 0.0



Instrument :
BNA_M
ClientSampled :
BGDF3

Manual Integrations
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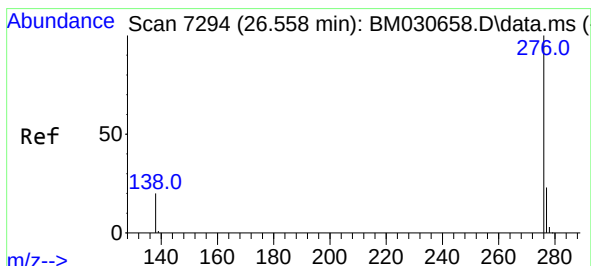
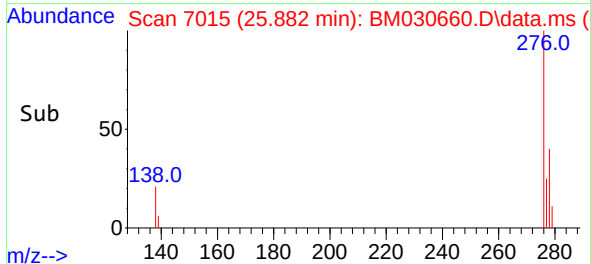
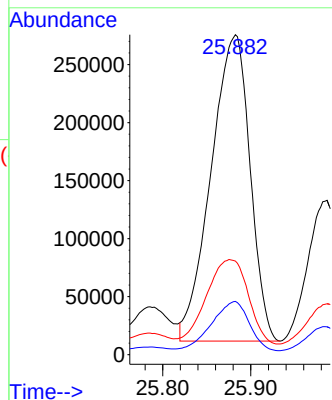
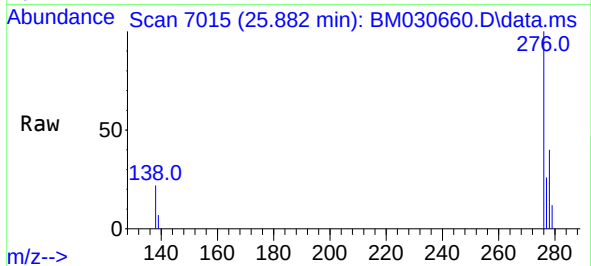
#28
Dibenzo(a,h)anthracene
Concen: 13.27 ng/ul
RT: 25.882 min Scan# 7015
Delta R.T. 0.012 min
Lab File: BM030660.D
Acq: 28 Jun 2021 19:15

Tgt Ion:278 Resp: 812706
Ion Ratio Lower Upper
278 100
139 16.6 15.0 22.4
279 29.3 24.3 36.5

Instrument :
BNA_M
ClientSampled :
BGDF3

Manual Integrations
APPROVED

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#29
Benzo(g,h,i)perylene
Concen: 1.25 ng/ul
RT: 26.575 min Scan# 7301
Delta R.T. 0.017 min
Lab File: BM030660.D
Acq: 28 Jun 2021 19:15

Tgt Ion:276 Resp: 82766
Ion Ratio Lower Upper
276 100
138 26.4 18.1 27.1
277 36.7 20.9 31.3#

