

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062821\
 Data File : BM030661.D
 Acq On : 28 Jun 2021 19:52
 Operator : CG/JU
 Sample : M2682-02DL 5X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BGDF3DL

Manual Integrations
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Quant Time: Jun 29 02:21:23 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	1603	0.400	ng/ul	0.00
4) Naphthalene-d8	10.576	136	6260	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.417	164	3898	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.155	188	7501	0.400	ng/ul	0.00
17) Chrysene-d12	21.323	240	8295	0.400	ng/ul	# 0.00
23) Perylene-d12	23.578	264	9178	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.286	96	875	0.501	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.169	152	594	0.060	ng/ul	0.00
18) Fluoranthene-d10	19.176	212	959	0.040	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.626	128	32469	1.820	ng/ul	98
7) 2-Methylnaphthalene	12.241	142	5281	0.440	ng/ul	100
8) 1-Methylnaphthalene	12.461	142	3588	0.307	ng/ul	99
10) Acenaphthylene	14.136	152	116493	6.695	ng/ul	98
11) Acenaphthene	14.478	153	37082	2.630	ng/ul	99
12) Fluorene	15.463	166	141318	9.086	ng/ul	100
15) Phenanthrene	17.197	178	1637356	64.932	ng/ul	98
16) Anthracene	17.287	178	1033724	46.810	ng/ul	97
19) Fluoranthene	19.210	202	3634814	99.279	ng/ul	100
20) Pyrene	19.573	202	2127407	57.785	ng/ul	97
21) Benzo(a)anthracene	21.306	228	1507104	45.579	ng/ul	96
22) Chrysene	21.360	228	1171295	31.622	ng/ul	97
24) Benzo(b)fluoranthene	22.905	252	1291408m	31.768	ng/ul	
25) Benzo(k)fluoranthene	22.941	252	560565m	13.375	ng/ul	
26) Benzo(a)pyrene	23.479	252	515785	14.917	ng/ul#	84
27) Indeno(1,2,3-cd)pyrene	25.858	276	376170	8.352	ng/ul#	95
28) Dibenzo(a,h)anthracene	25.863	278	156182	4.321	ng/ul	97
29) Benzo(g,h,i)perylene	26.558	276	15680	0.401	ng/ul#	78

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

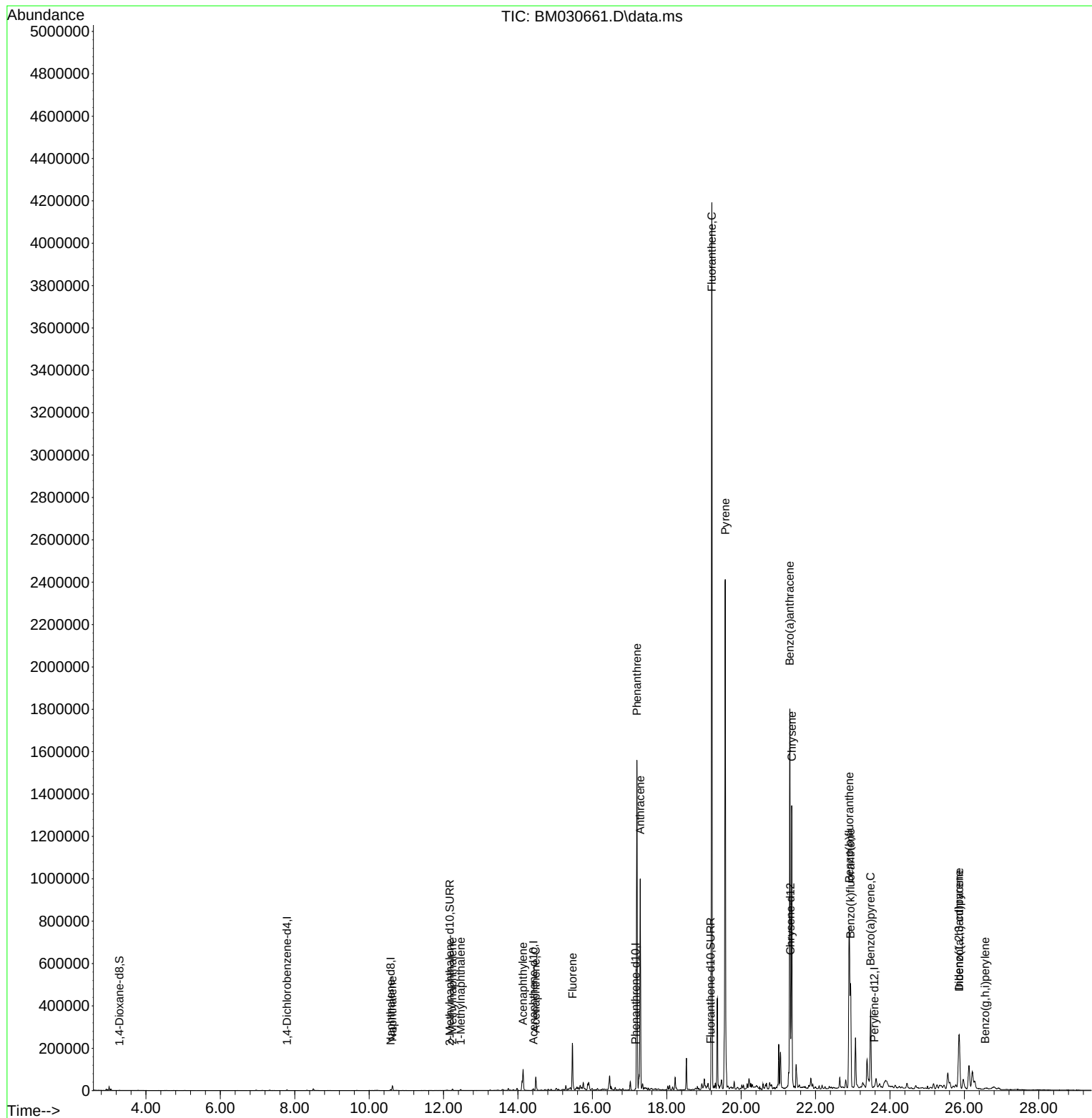
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062821\
Data File : BM030661.D
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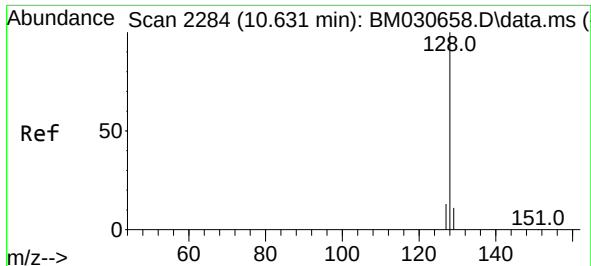
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BGDF3DL

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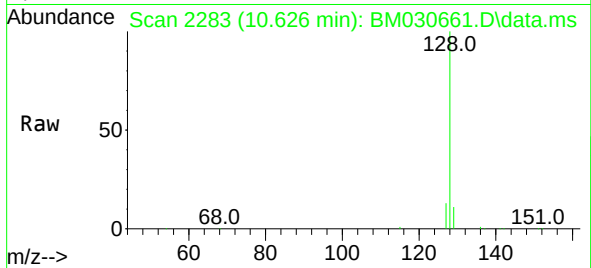
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Quant Time: Jun 29 02:21:23 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM062821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 28 14:33:12 2021
Response via : Initial Calibration

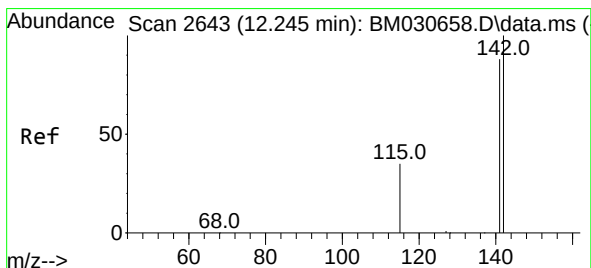
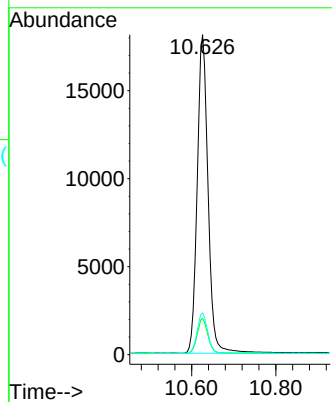
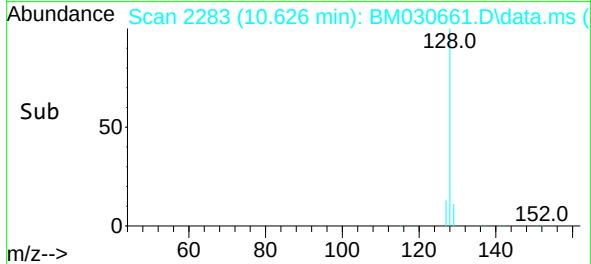




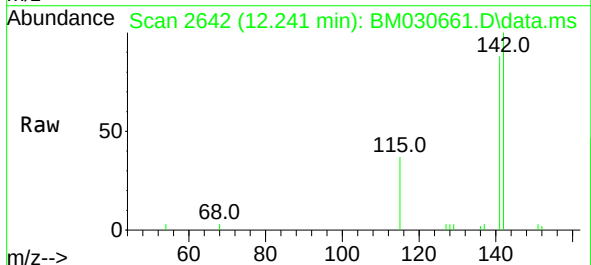
#5
Naphthalene
Concen: 1.820 ng/ul
RT: 10.626 min Scan# 2283
Delta R.T. -0.004 min
Lab File: BM030661.D
Acq: 28 Jun 2021 19:52



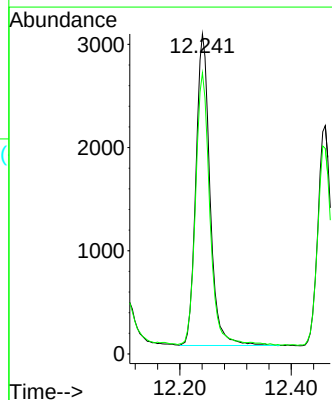
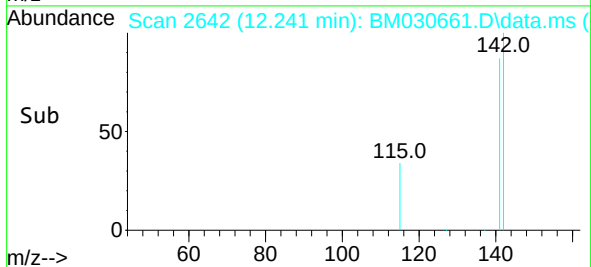
Tgt Ion:128 Resp: 32469
Ion Ratio Lower Upper
128 100
129 11.3 9.5 14.3
127 13.1 11.2 16.8



#7
2-Methylnaphthalene
Concen: 0.440 ng/ul
RT: 12.241 min Scan# 2642
Delta R.T. -0.004 min
Lab File: BM030661.D
Acq: 28 Jun 2021 19:52



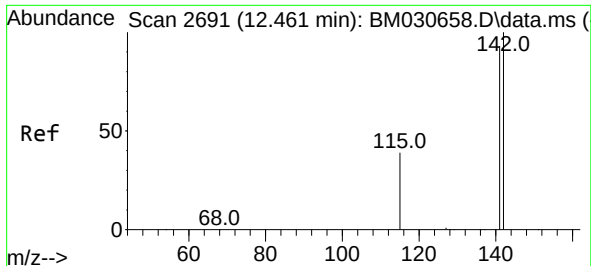
Tgt Ion:142 Resp: 5281
Ion Ratio Lower Upper
142 100
141 89.1 71.4 107.0



Instrument :
BNA_M
ClientSampled :
BGDF3DL

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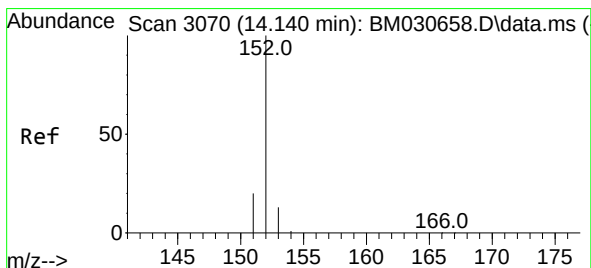
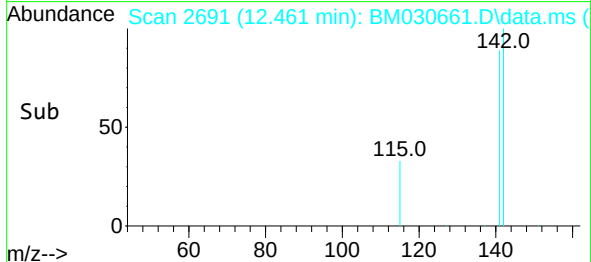
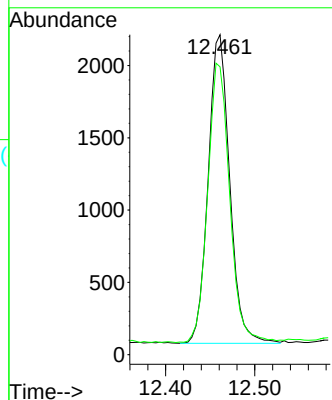
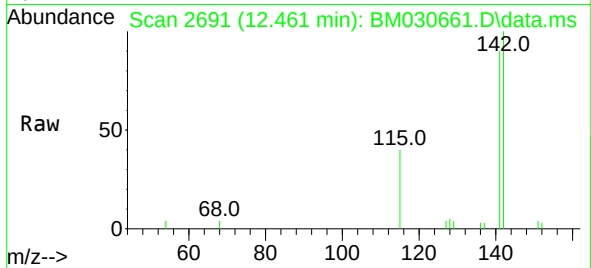
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1-Methylnaphthalene
Concen: 0.307 ng/ul
RT: 12.461 min Scan# 2691
Delta R.T. 0.001 min
Lab File: BM030661.D
Acq: 28 Jun 2021 19:52

Tgt Ion:142 Resp: 3588
Ion Ratio Lower Upper
142 100
141 92.7 73.2 109.8

Instrument :
BNA_M
ClientSampled :
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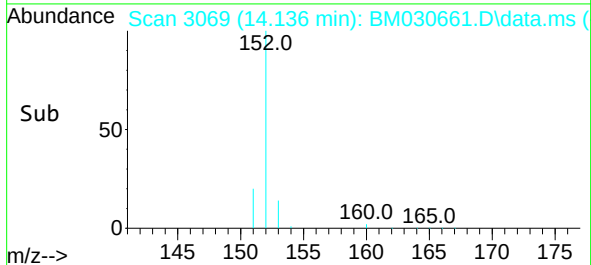
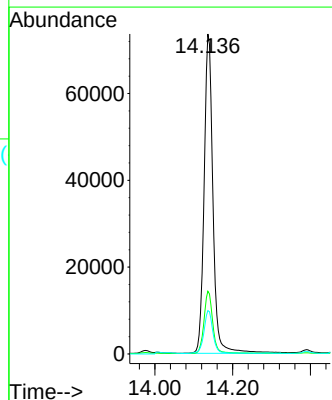
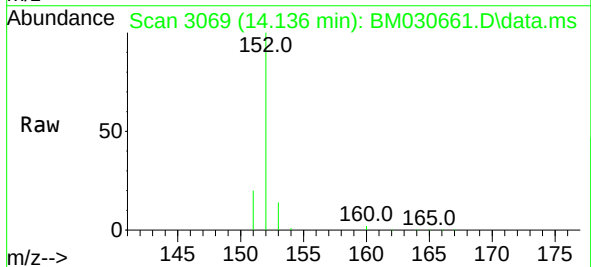
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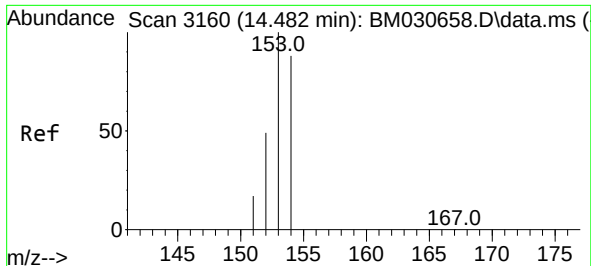
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#10
Acenaphthylene
Concen: 6.695 ng/ul
RT: 14.136 min Scan# 3069
Delta R.T. -0.004 min
Lab File: BM030661.D
Acq: 28 Jun 2021 19:52

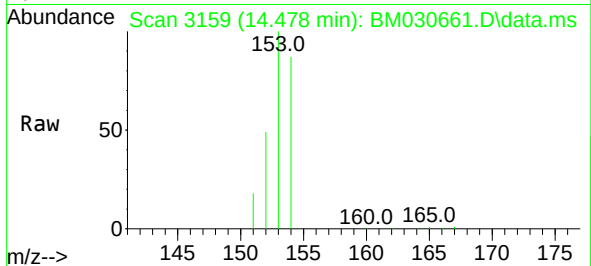
Tgt Ion:152 Resp: 116493
Ion Ratio Lower Upper
152 100
151 19.6 16.2 24.4
153 13.5 11.4 17.0





#11
Acenaphthene
Concen: 2.630 ng/ul
RT: 14.478 min Scan# 3159
Delta R.T. -0.004 min
Lab File: BM030661.D
Acq: 28 Jun 2021 19:52

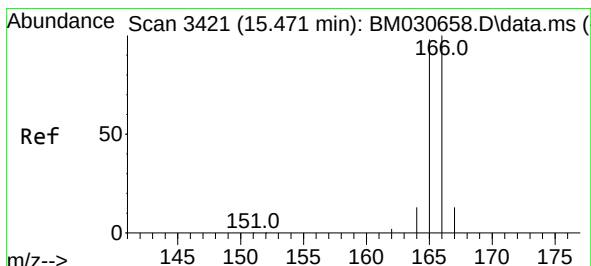
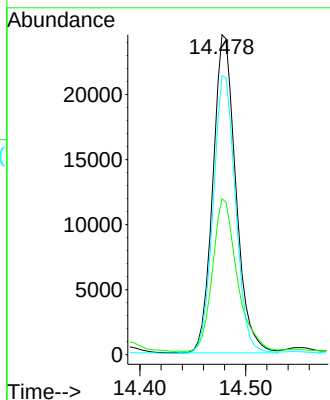
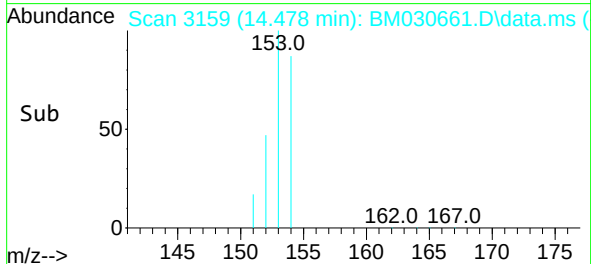
Instrument :
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ClientSampleId :
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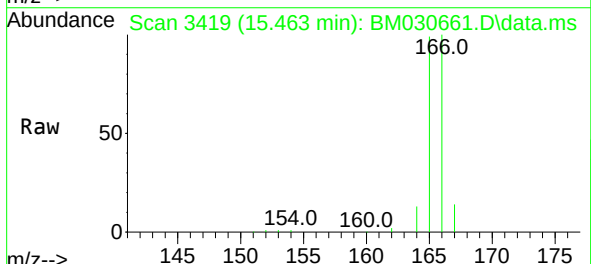
Tgt Ion:153 Resp: 37082
Ion Ratio Lower Upper
153 100
152 48.7 39.8 59.6
154 87.2 68.7 103.1

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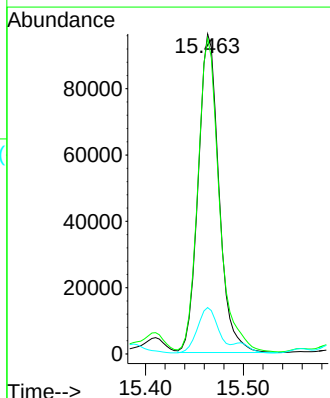
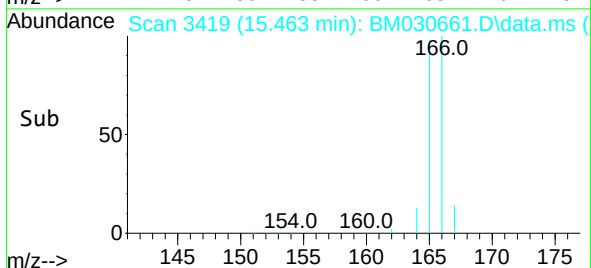
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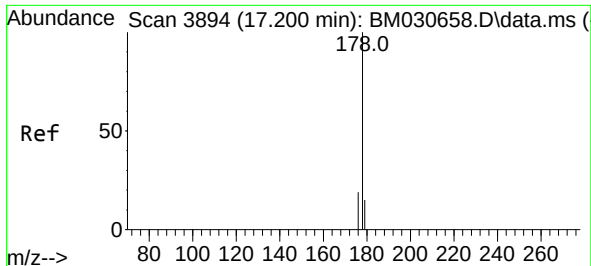


#12
Fluorene
Concen: 9.086 ng/ul
RT: 15.463 min Scan# 3419
Delta R.T. -0.004 min
Lab File: BM030661.D
Acq: 28 Jun 2021 19:52



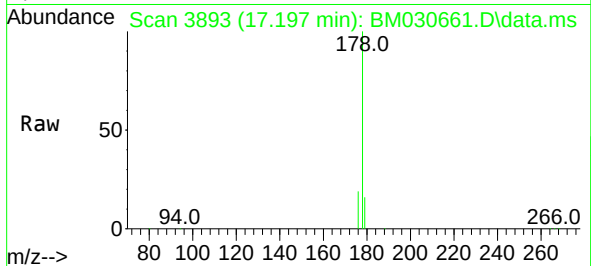
Tgt Ion:166 Resp: 141318
Ion Ratio Lower Upper
166 100
165 98.7 79.1 118.7
167 14.5 12.2 18.2





#15
Phenanthrene
Concen: 64.932 ng/u1
RT: 17.197 min Scan# 3893
Delta R.T. -0.003 min
Lab File: BM030661.D
Acq: 28 Jun 2021 19:52

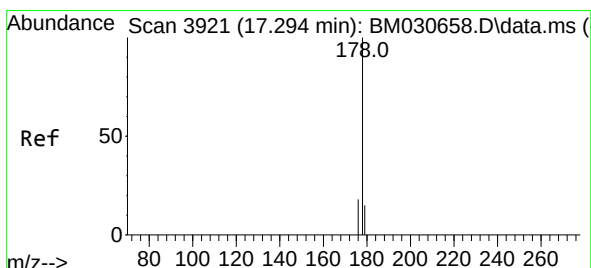
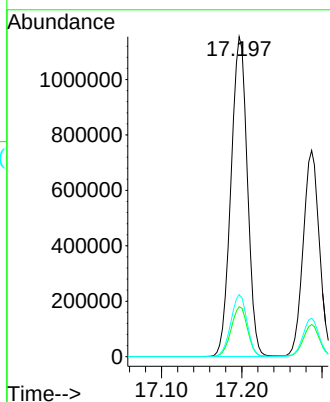
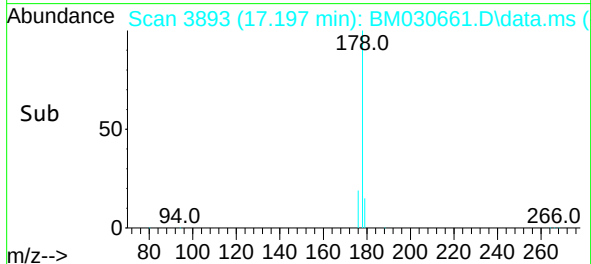
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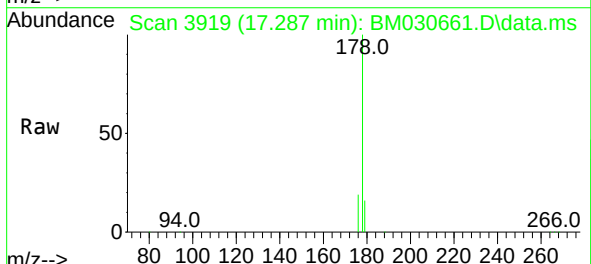
Tgt Ion:178 Resp: 1637356
Ion Ratio Lower Upper
178 100
179 15.6 13.3 19.9
176 19.4 16.0 24.0

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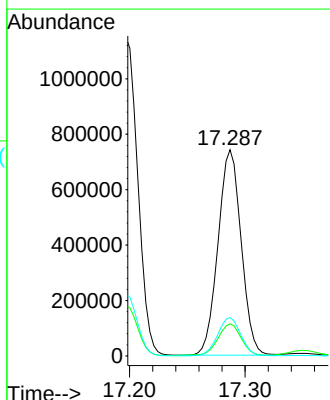
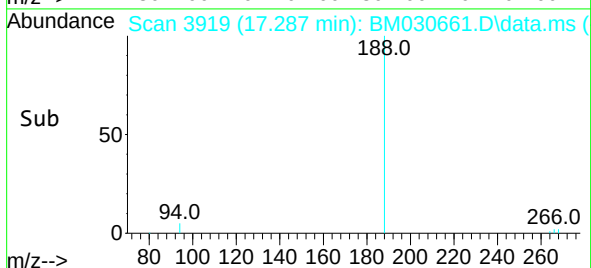
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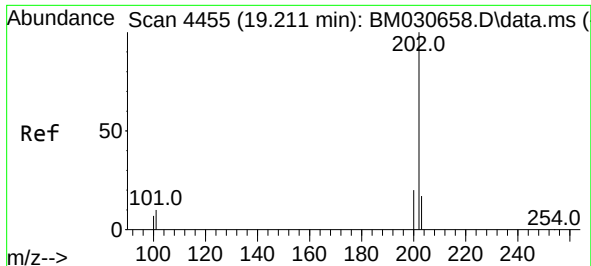


#16
Anthracene
Concen: 46.810 ng/u1
RT: 17.287 min Scan# 3919
Delta R.T. -0.003 min
Lab File: BM030661.D
Acq: 28 Jun 2021 19:52



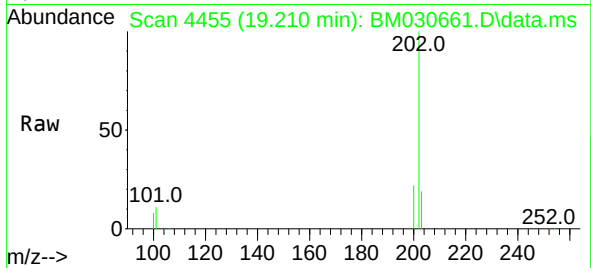
Tgt Ion:178 Resp: 1033724
Ion Ratio Lower Upper
178 100
179 15.6 14.0 21.0
176 18.6 15.8 23.6





#19
Fluoranthene
Concen: 99.279 ng/u1
RT: 19.210 min Scan# 4455
Delta R.T. 0.000 min
Lab File: BM030661.D
Acq: 28 Jun 2021 19:52

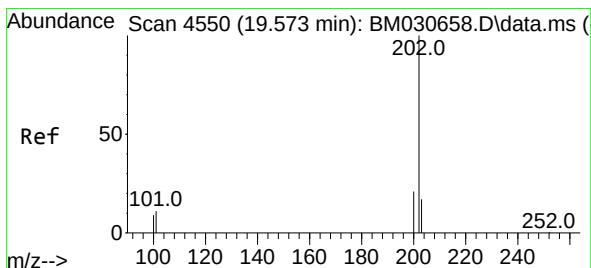
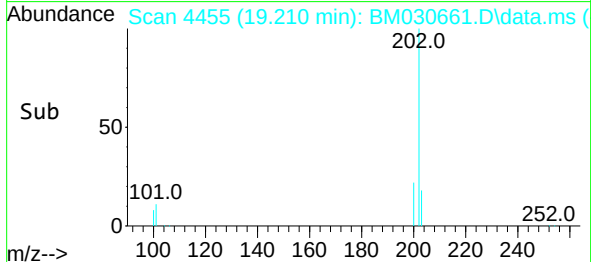
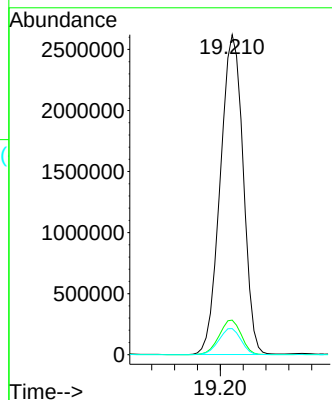
Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:202 Resp: 3634814
Ion Ratio Lower Upper
202 100
101 10.8 8.7 13.1
100 8.2 6.6 9.8

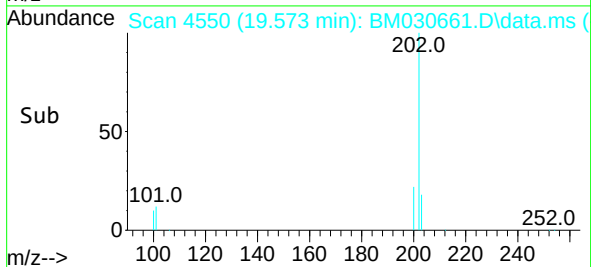
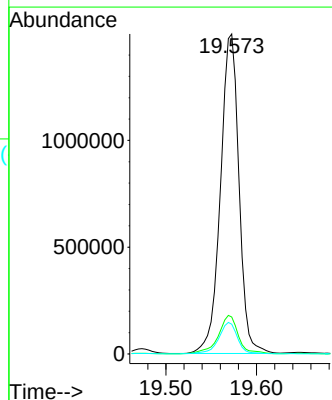
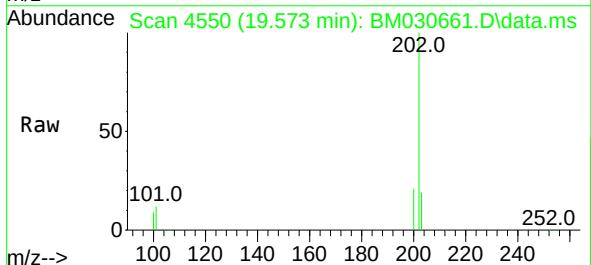
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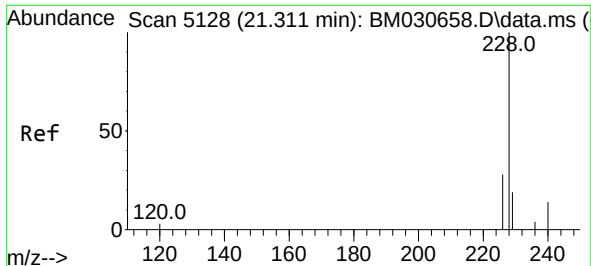
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#20
Pyrene
Concen: 57.785 ng/u1
RT: 19.573 min Scan# 4550
Delta R.T. 0.004 min
Lab File: BM030661.D
Acq: 28 Jun 2021 19:52

Tgt Ion:202 Resp: 2127407
Ion Ratio Lower Upper
202 100
101 11.6 10.2 15.4
100 9.3 8.5 12.7





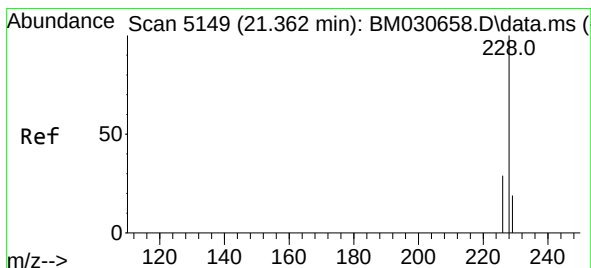
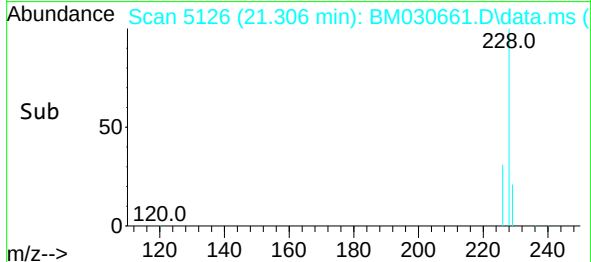
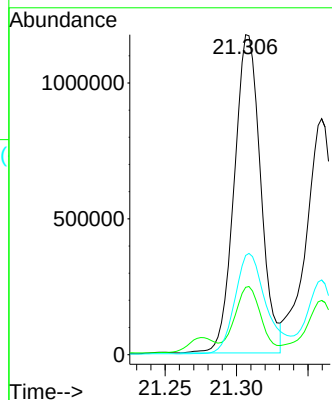
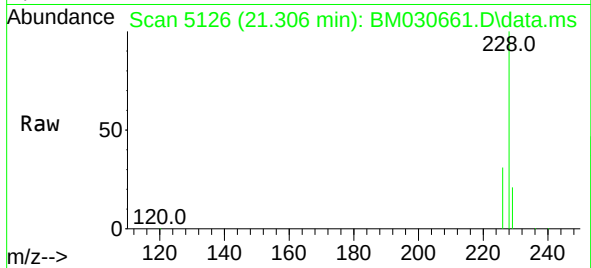
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Benzo(a)anthracene
Concen: 45.579 ng/ul
RT: 21.306 min Scan# 5126
Delta R.T. -0.002 min
Lab File: BM030661.D
Acq: 28 Jun 2021 19:52

Tgt Ion:228 Resp: 1507104
Ion Ratio Lower Upper
228 100
229 21.1 16.2 24.2
226 31.0 22.2 33.4

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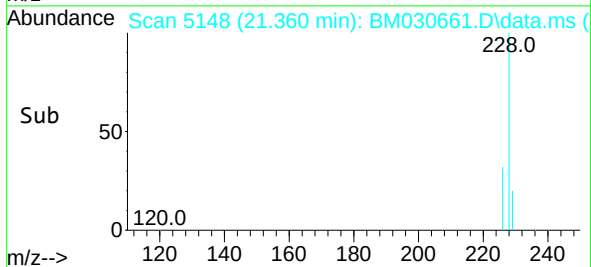
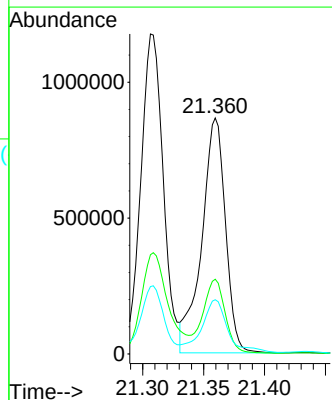
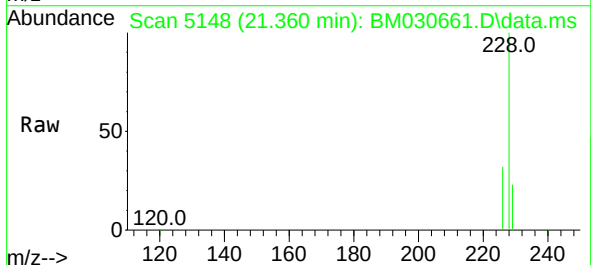
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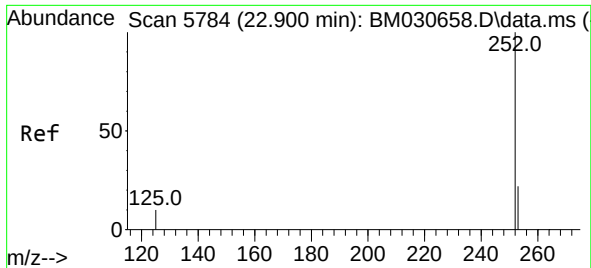
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#22
Chrysene
Concen: 31.622 ng/ul
RT: 21.360 min Scan# 5148
Delta R.T. -0.002 min
Lab File: BM030661.D
Acq: 28 Jun 2021 19:52

Tgt Ion:228 Resp: 1171295
Ion Ratio Lower Upper
228 100
226 31.7 24.9 37.3
229 23.0 16.2 24.2





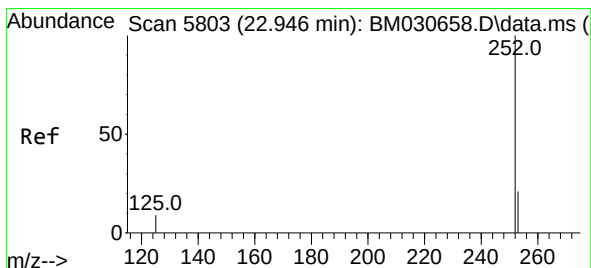
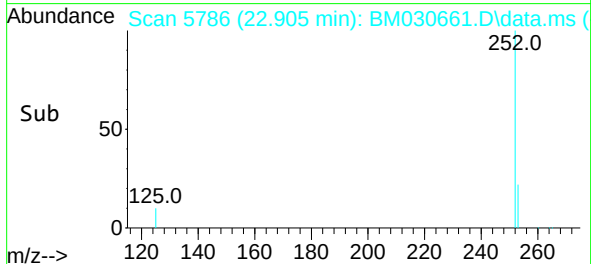
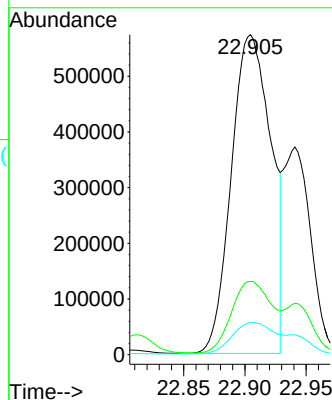
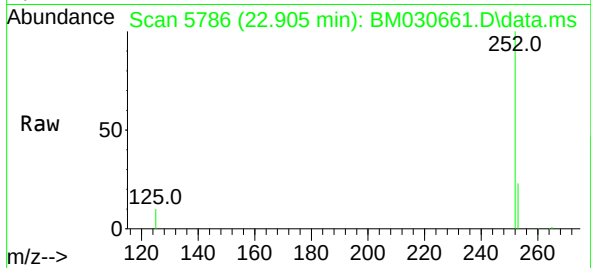
#24
Benzo(b)fluoranthene
Concen: 31.768 ng/ul m
RT: 22.905 min Scan# 5786
Delta R.T. 0.005 min
Lab File: BM030661.D
Acq: 28 Jun 2021 19:52

Tgt Ion:252 Resp: 1291408
Ion Ratio Lower Upper
252 100
253 22.9 0.0 57.8
125 10.0 0.0 33.2

Instrument :
BNA_M
ClientSampleId :
BGDF3DL

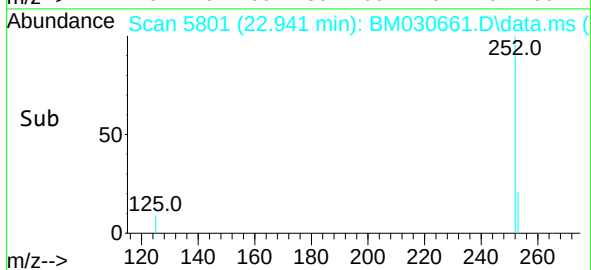
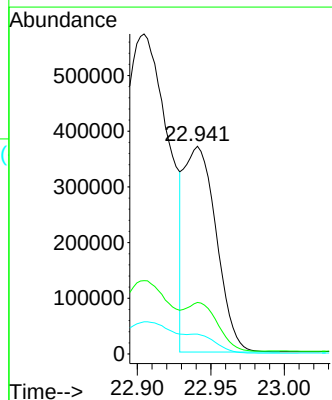
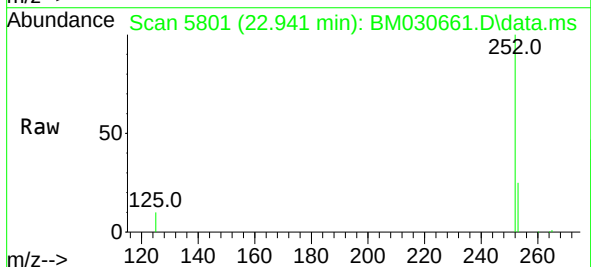
Manual Integrations
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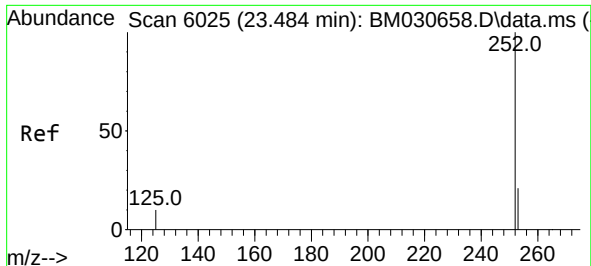
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#25
Benzo(k)fluoranthene
Concen: 13.375 ng/ul m
RT: 22.941 min Scan# 5801
Delta R.T. -0.005 min
Lab File: BM030661.D
Acq: 28 Jun 2021 19:52

Tgt Ion:252 Resp: 560565
Ion Ratio Lower Upper
252 100
253 24.8 23.2 34.8
125 9.5 12.6 19.0#





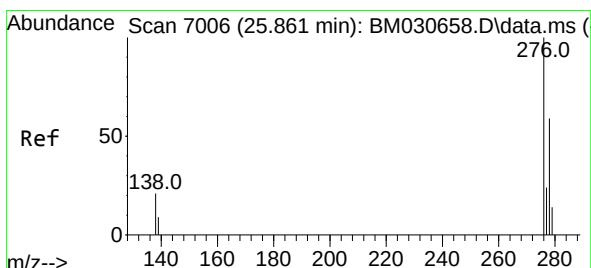
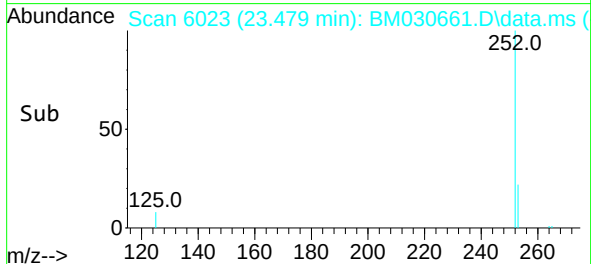
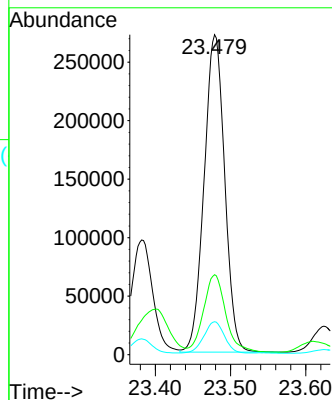
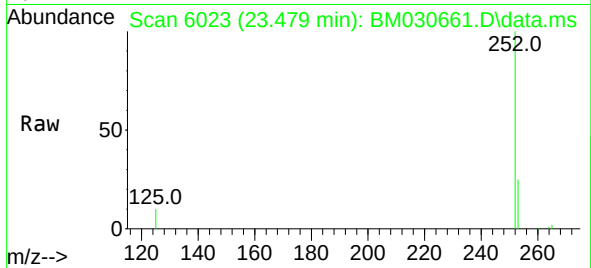
#26
Benzo(a)pyrene
Concen: 14.917 ng/ul
RT: 23.479 min Scan# 6023
Delta R.T. -0.002 min
Lab File: BM030661.D
Acq: 28 Jun 2021 19:52

Tgt Ion:252 Resp: 515785
Ion Ratio Lower Upper
252 100
253 25.0 25.5 38.3#
125 10.3 15.8 23.6#

Instrument :
BNA_M
ClientSampleId :
BGDF3DL

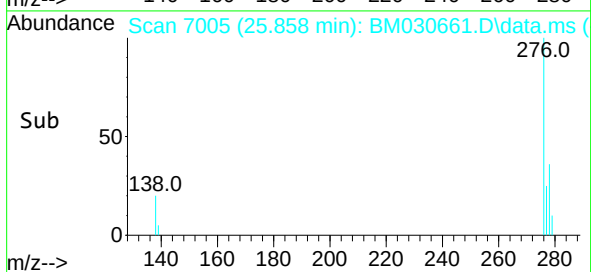
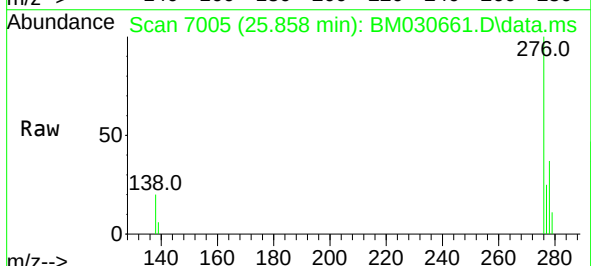
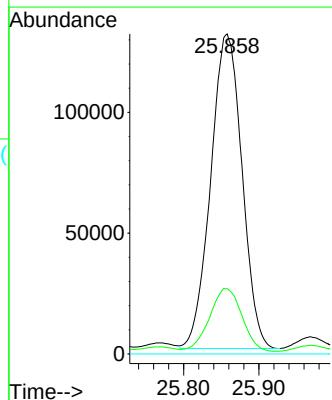
Manual Integrations
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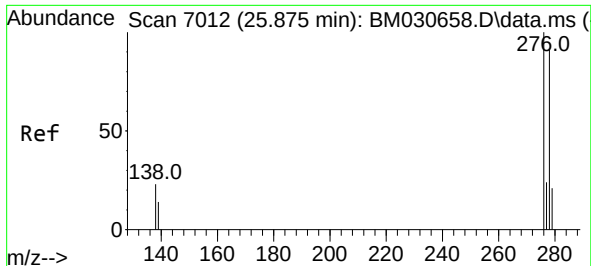
mohammad
6/29/2021 2:31:32 PM



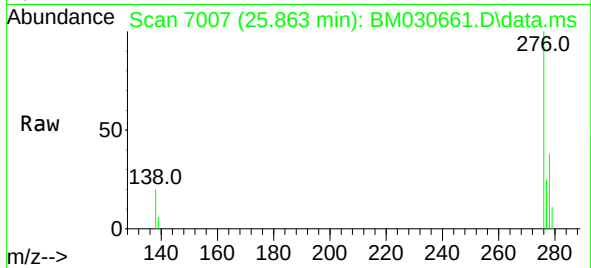
#27
Indeno(1,2,3-cd)pyrene
Concen: 8.352 ng/ul
RT: 25.858 min Scan# 7005
Delta R.T. -0.005 min
Lab File: BM030661.D
Acq: 28 Jun 2021 19:52

Tgt Ion:276 Resp: 376170
Ion Ratio Lower Upper
276 100
138 20.5 18.2 27.4
227 0.0 0.0 0.0

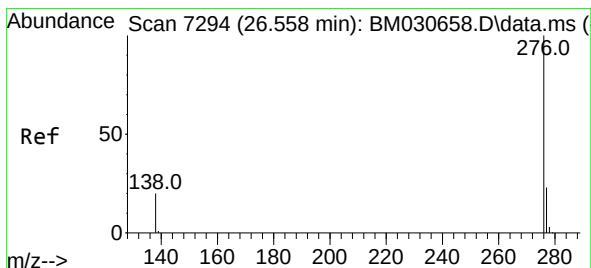
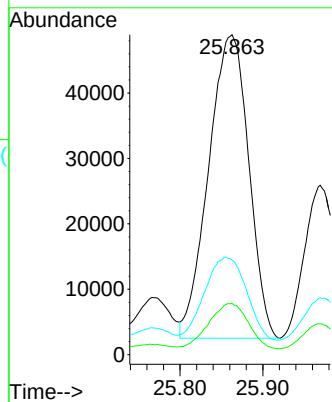
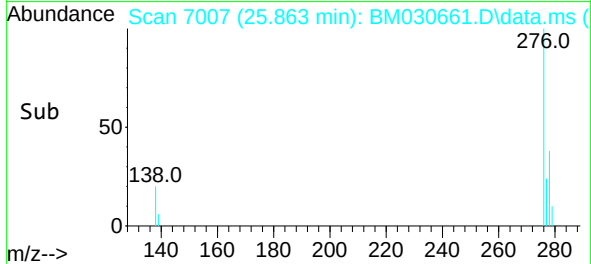




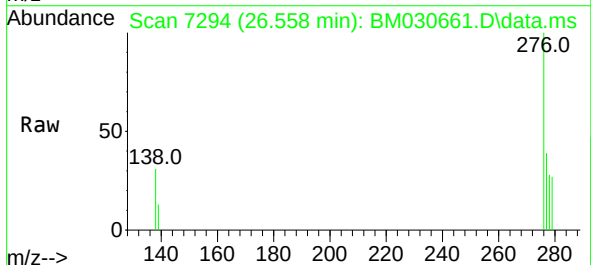
#28
Dibenzo(a,h)anthracene
Concen: 4.321 ng/ul
RT: 25.863 min Scan# 7007
Delta R.T. -0.007 min
Lab File: BM030661.D
Acq: 28 Jun 2021 19:52



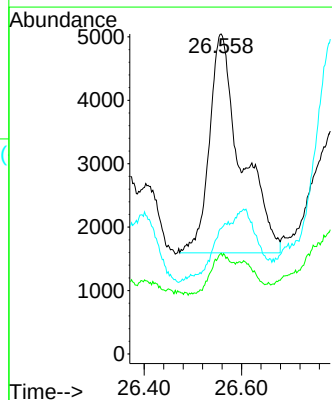
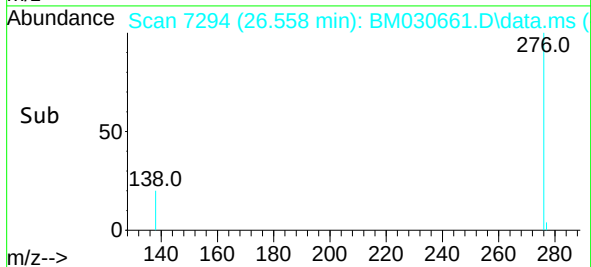
Tgt Ion: 278 Resp: 156182
Ion Ratio Lower Upper
278 100
139 16.1 15.0 22.4
279 29.5 24.3 36.5



#29
Benzo(g,h,i)perylene
Concen: 0.401 ng/ul
RT: 26.558 min Scan# 7294
Delta R.T. 0.000 min
Lab File: BM030661.D
Acq: 28 Jun 2021 19:52



Tgt Ion: 276 Resp: 15680
Ion Ratio Lower Upper
276 100
138 31.5 18.1 27.1#
277 39.2 20.9 31.3#



Instrument :
BNA_M
ClientSampleID :
BGDF3DL

Manual Integrations
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