

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062821\
 Data File : BM030667.D
 Acq On : 28 Jun 2021 23:37
 Operator : CG/JU
 Sample : M2680-21DL 5X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BGDC6DL

Manual Integrations
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Quant Time: Jun 29 02:22:10 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	7.794	152	2652	0.400	ng/ul	0.00
4) Naphthalene-d8	10.576	136	10018	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.417	164	5647	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.152	188	10885	0.400	ng/ul	0.00
17) Chrysene-d12	21.318	240	10373	0.400	ng/ul	0.00
23) Perylene-d12	23.573	264	10724	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.279	96	1916	0.663	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.173	152	724	0.046	ng/ul	0.00
18) Fluoranthene-d10	19.172	212	1447	0.049	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.626	128	3979	0.139	ng/ul	97
7) 2-Methylnaphthalene	12.245	142	728	0.038	ng/ul	98
8) 1-Methylnaphthalene	12.461	142	710	0.038	ng/ul	97
10) Acenaphthylene	14.136	152	3488	0.138	ng/ul	95
11) Acenaphthene	14.481	153	15709	0.769	ng/ul	98
12) Fluorene	15.463	166	11508	0.511	ng/ul	99
15) Phenanthrene	17.193	178	83655	2.286	ng/ul	98
16) Anthracene	17.287	178	25231	0.787	ng/ul	98
19) Fluoranthene	19.207	202	151566	3.310	ng/ul	96
20) Pyrene	19.565	202	122845	2.668	ng/ul	97
21) Benzo(a)anthracene	21.304	228	66285	1.603	ng/ul	98
22) Chrysene	21.355	228	62307	1.345	ng/ul	99
24) Benzo(b)fluoranthene	22.895	252	80805m	1.701	ng/ul	
25) Benzo(k)fluoranthene	22.936	252	30064m	0.614	ng/ul	
26) Benzo(a)pyrene	23.474	252	60264	1.492	ng/ul#	85
27) Indeno(1,2,3-cd)pyrene	25.846	276	37927	0.721	ng/ul#	93
28) Dibenzo(a,h)anthracene	25.856	278	10034	0.238	ng/ul	94
29) Benzo(g,h,i)perylene	26.544	276	32753	0.716	ng/ul	96

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

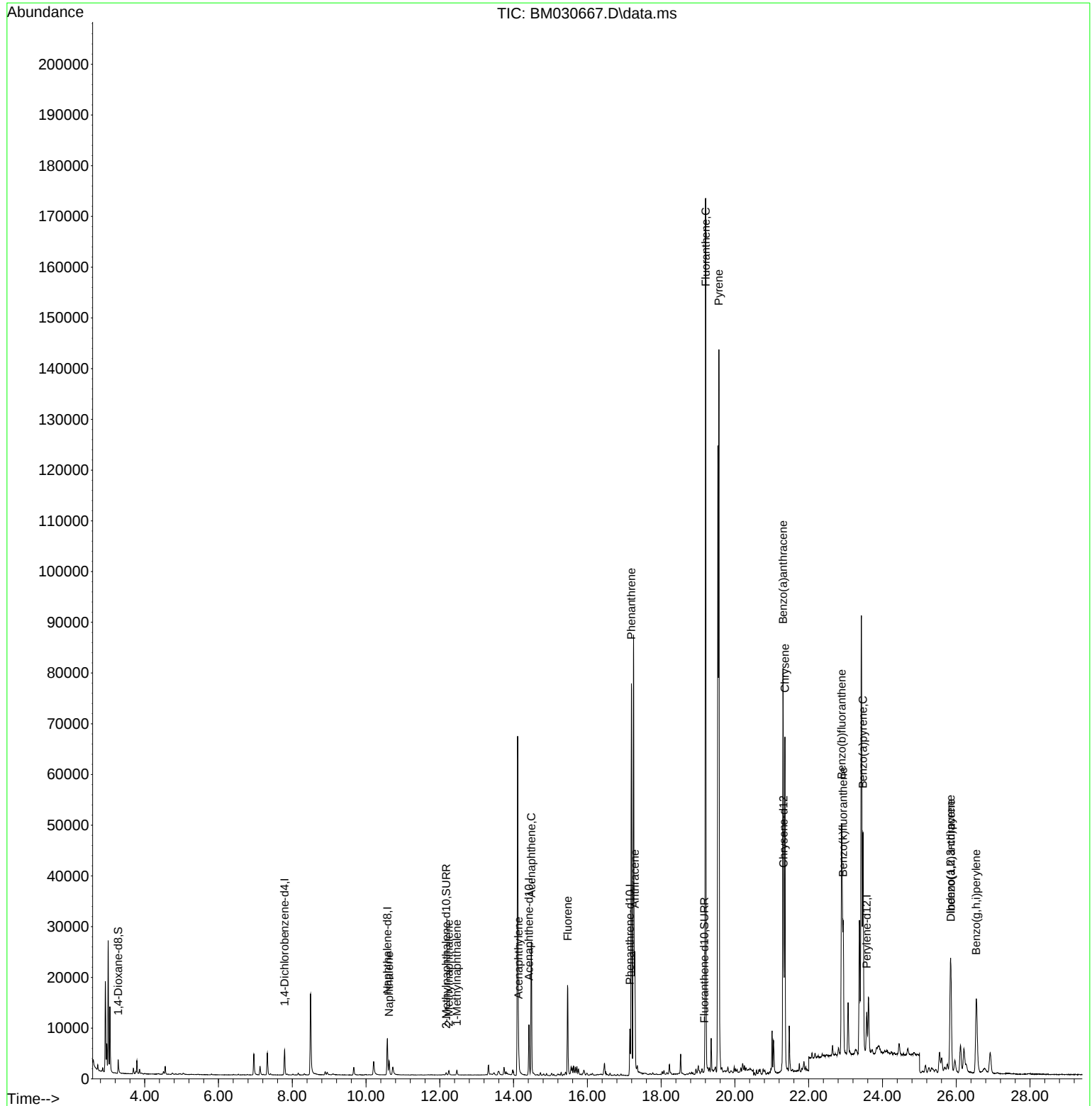
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062821\
Data File : BM030667.D
Acq On : 28 Jun 2021 23:37
Operator : CG/JU
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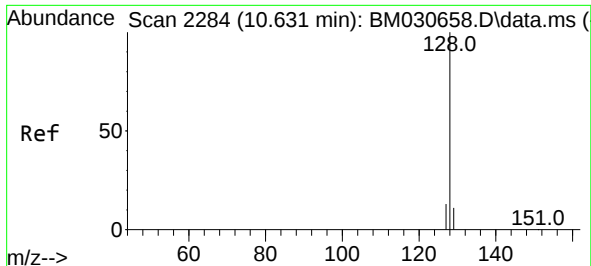
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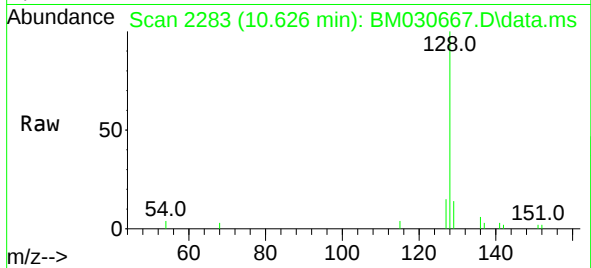
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Quant Time: Jun 29 02:22:10 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM062821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 28 14:33:12 2021
Response via : Initial Calibration

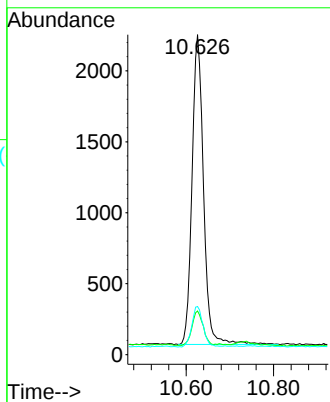
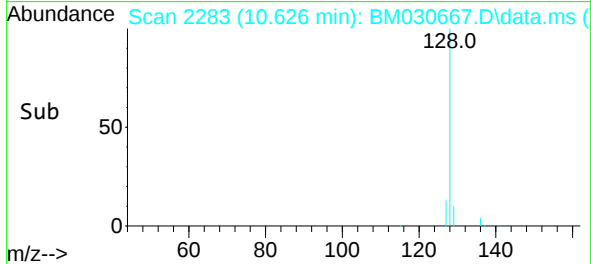




#5
Naphthalene
Concen: 0.139 ng/ul
RT: 10.626 min Scan# 2283
Delta R.T. -0.004 min
Lab File: BM030667.D
Acq: 28 Jun 2021 23:37



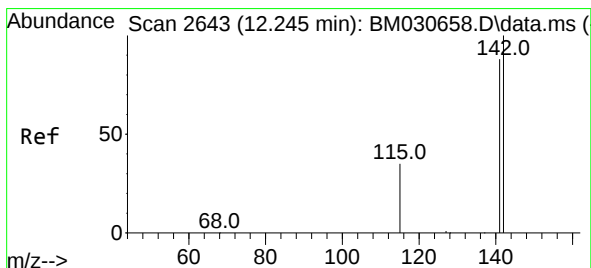
Tgt Ion:128 Resp: 3979
Ion Ratio Lower Upper
128 100
129 13.6 9.5 14.3
127 15.0 11.2 16.8



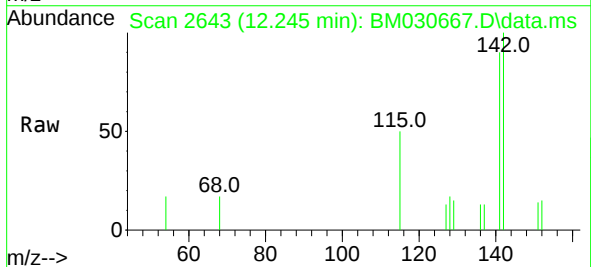
Instrument :
BNA_M
ClientSampleId :
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Manual Integrations
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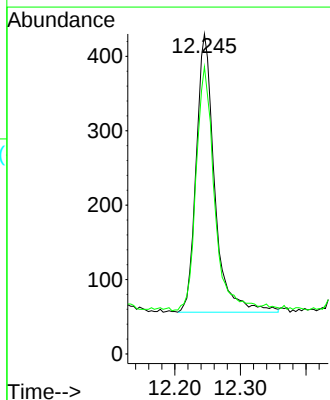
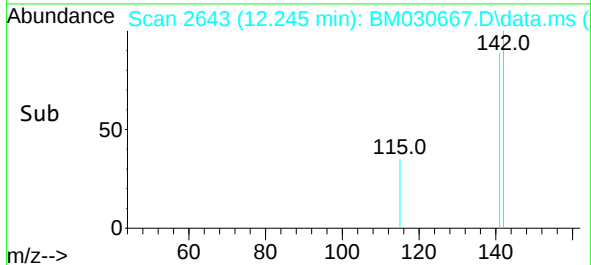
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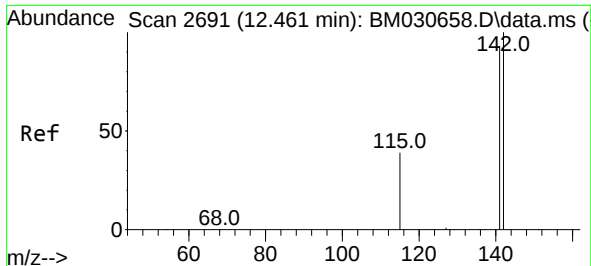


#7
2-Methylnaphthalene
Concen: 0.038 ng/ul
RT: 12.245 min Scan# 2643
Delta R.T. 0.001 min
Lab File: BM030667.D
Acq: 28 Jun 2021 23:37



Tgt Ion:142 Resp: 728
Ion Ratio Lower Upper
142 100
141 87.5 71.4 107.0





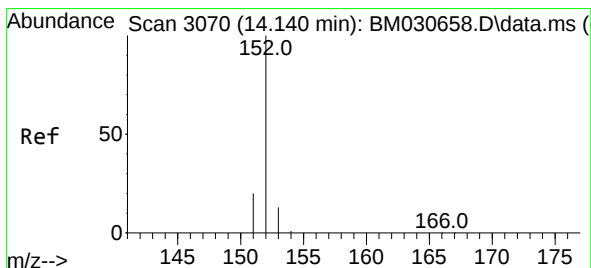
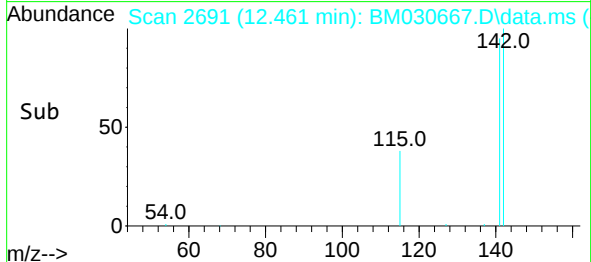
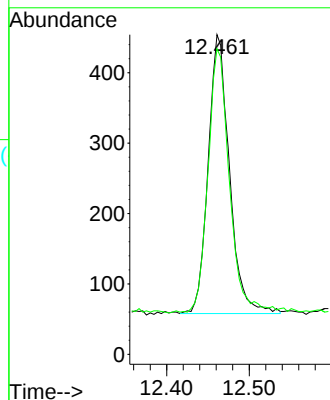
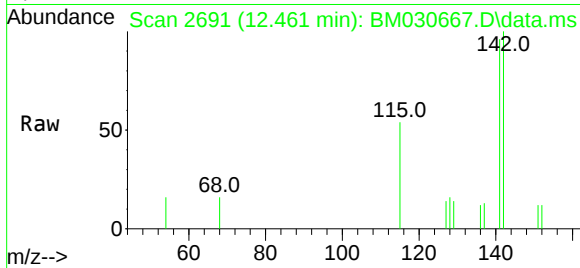
#8
1-Methylnaphthalene
Concen: 0.038 ng/ul
RT: 12.461 min Scan# 2691
Delta R.T. 0.001 min
Lab File: BM030667.D
Acq: 28 Jun 2021 23:37

Tgt Ion:142 Resp: 710
Ion Ratio Lower Upper
142 100
141 94.2 73.2 109.8

Instrument :
BNA_M
ClientSampled :
BGDC6DL

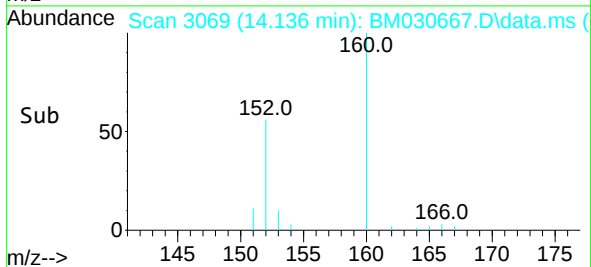
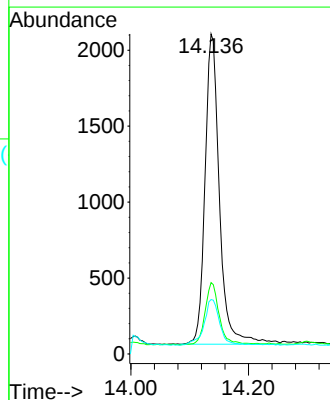
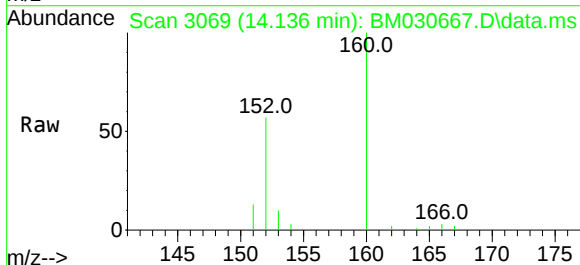
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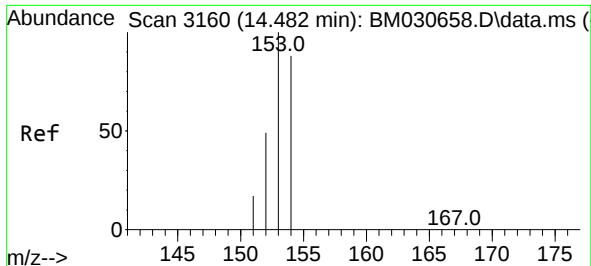
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#10
Acenaphthylene
Concen: 0.138 ng/ul
RT: 14.136 min Scan# 3069
Delta R.T. -0.004 min
Lab File: BM030667.D
Acq: 28 Jun 2021 23:37

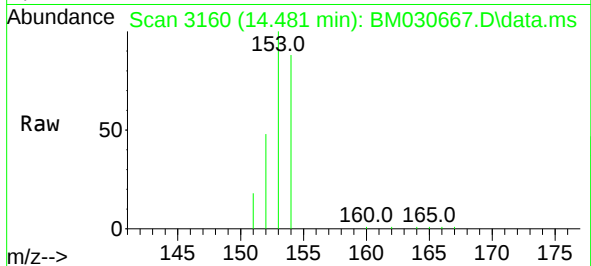
Tgt Ion:152 Resp: 3488
Ion Ratio Lower Upper
152 100
151 22.3 16.2 24.4
153 17.0 11.4 17.0





#11
Acenaphthene
Concen: 0.769 ng/ul
RT: 14.481 min Scan# 3160
Delta R.T. 0.000 min
Lab File: BM030667.D
Acq: 28 Jun 2021 23:37

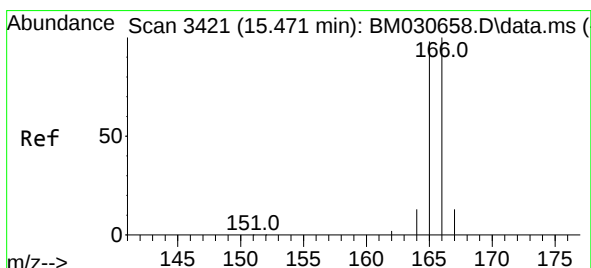
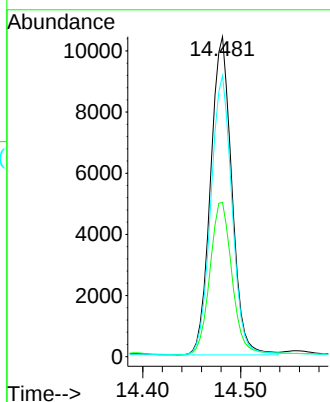
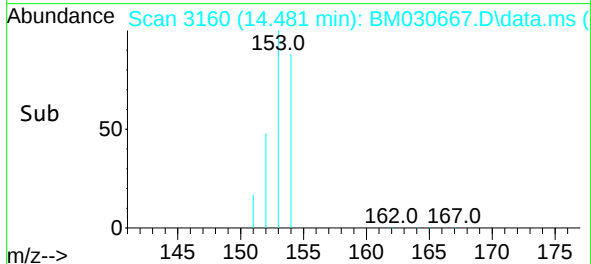
Instrument :
BNA_M
ClientSampled :
BGDC6DL



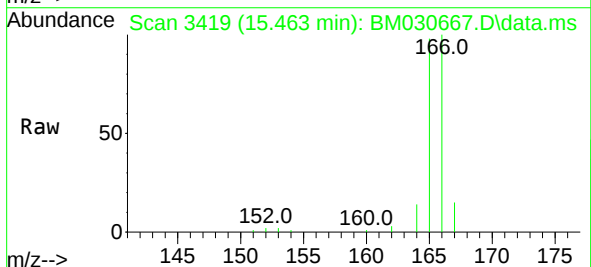
Tgt Ion:153 Resp: 15709
Ion Ratio Lower Upper
153 100
152 48.2 39.8 59.6
154 87.8 68.7 103.1

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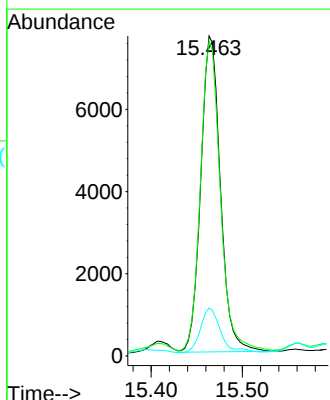
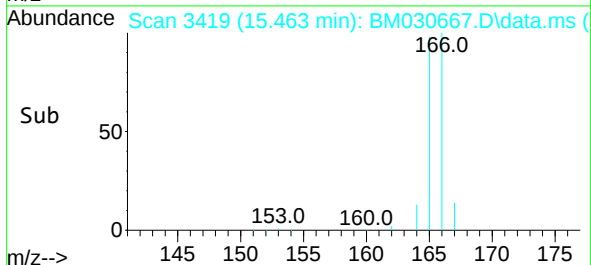
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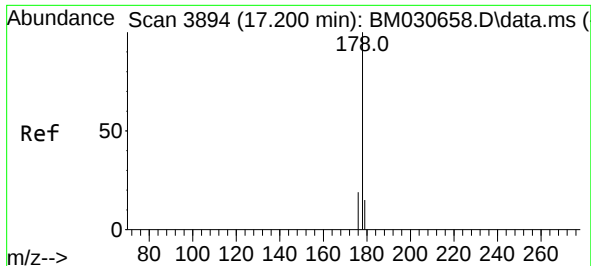


#12
Fluorene
Concen: 0.511 ng/ul
RT: 15.463 min Scan# 3419
Delta R.T. -0.004 min
Lab File: BM030667.D
Acq: 28 Jun 2021 23:37

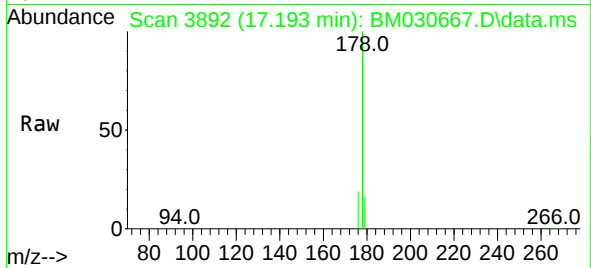


Tgt Ion:166 Resp: 11508
Ion Ratio Lower Upper
166 100
165 98.3 79.1 118.7
167 15.0 12.2 18.2

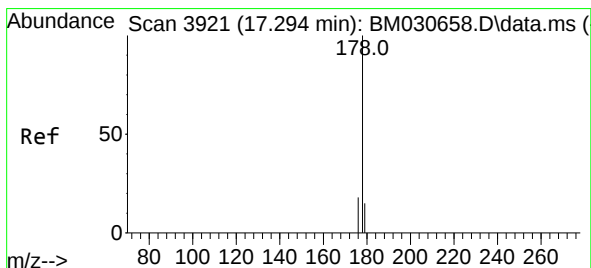
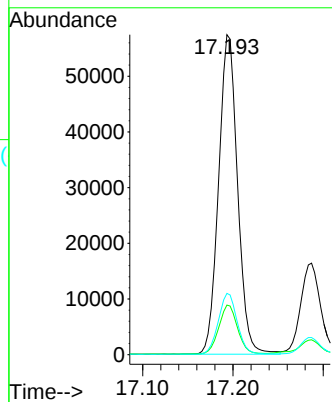
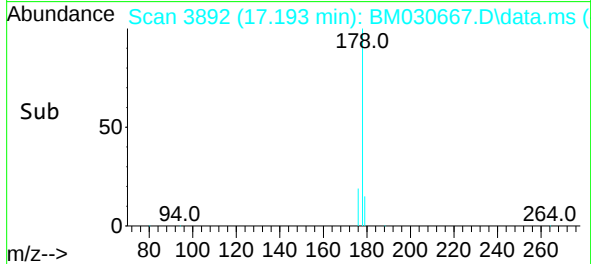




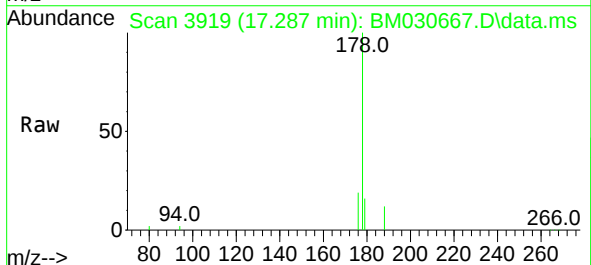
#15
Phenanthrene
Concen: 2.286 ng/ul
RT: 17.193 min Scan# 3892
Delta R.T. -0.007 min
Lab File: BM030667.D
Acq: 28 Jun 2021 23:37



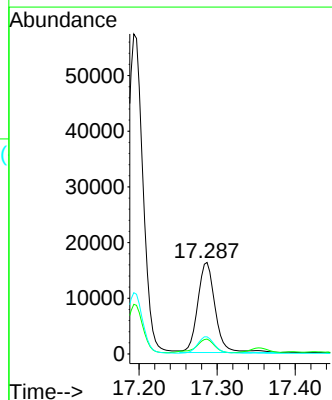
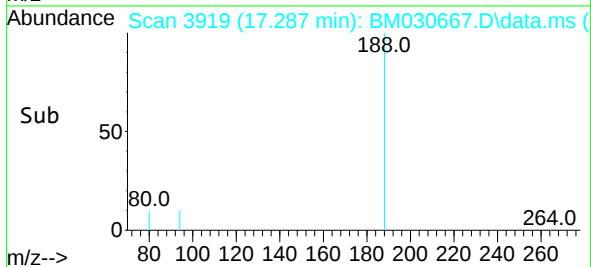
Tgt Ion:178 Resp: 83655
Ion Ratio Lower Upper
178 100
179 15.5 13.3 19.9
176 19.2 16.0 24.0



#16
Anthracene
Concen: 0.787 ng/ul
RT: 17.287 min Scan# 3919
Delta R.T. -0.003 min
Lab File: BM030667.D
Acq: 28 Jun 2021 23:37



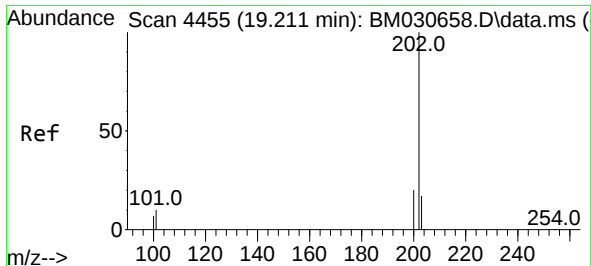
Tgt Ion:178 Resp: 25231
Ion Ratio Lower Upper
178 100
179 16.2 14.0 21.0
176 18.8 15.8 23.6



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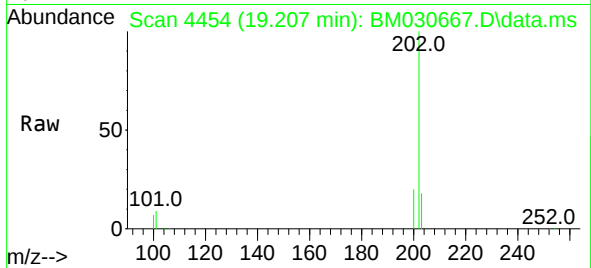
Manual Integrations
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#19
Fluoranthene
Concen: 3.310 ng/u1
RT: 19.207 min Scan# 4454
Delta R.T. -0.004 min
Lab File: BM030667.D
Acq: 28 Jun 2021 23:37

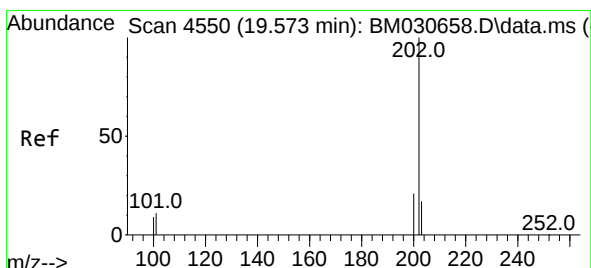
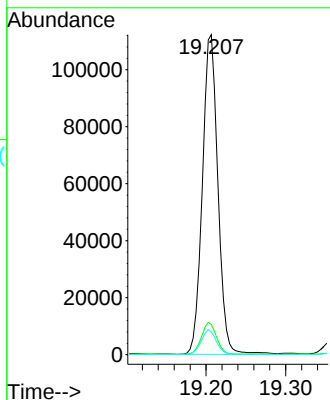
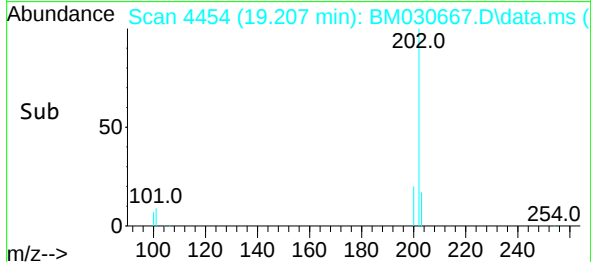
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ClientSampleId :
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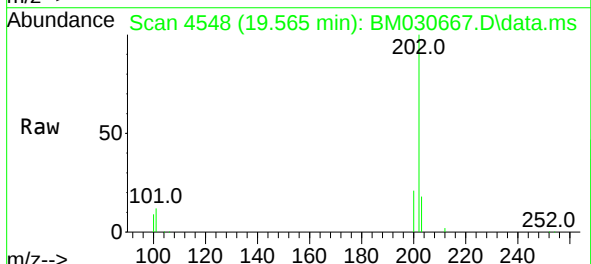
Tgt Ion:202 Resp: 151566
Ion Ratio Lower Upper
202 100
101 9.4 8.7 13.1
100 7.1 6.6 9.8

Manual Integrations
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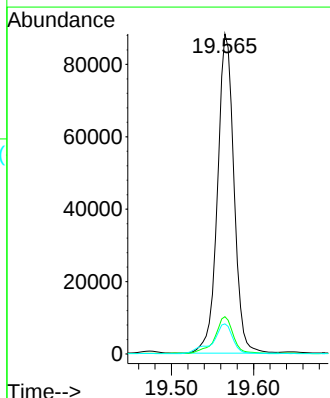
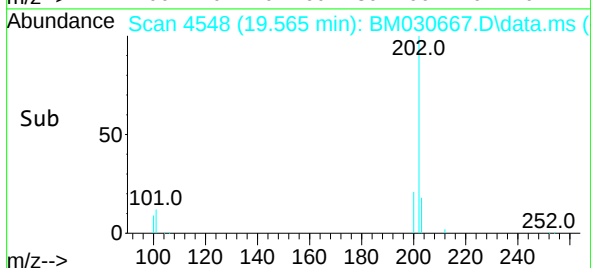
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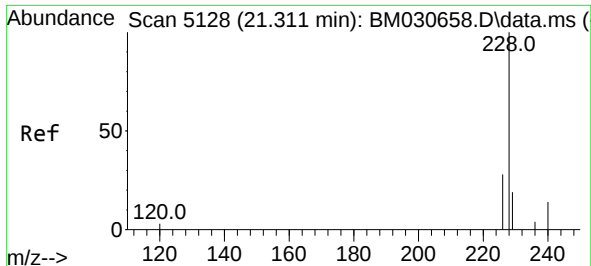


#20
Pyrene
Concen: 2.668 ng/u1
RT: 19.565 min Scan# 4548
Delta R.T. -0.004 min
Lab File: BM030667.D
Acq: 28 Jun 2021 23:37



Tgt Ion:202 Resp: 122845
Ion Ratio Lower Upper
202 100
101 11.7 10.2 15.4
100 9.4 8.5 12.7





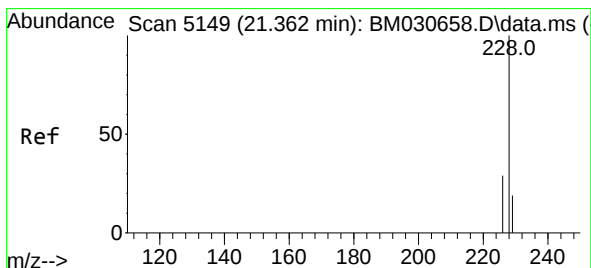
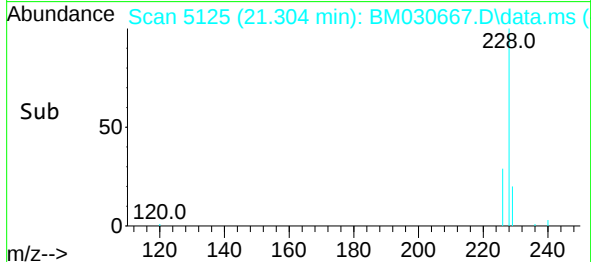
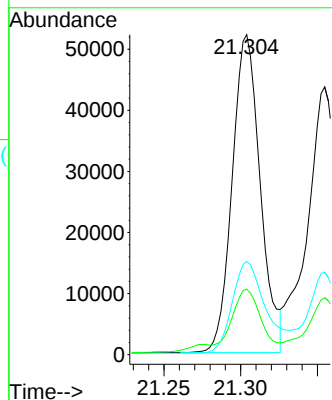
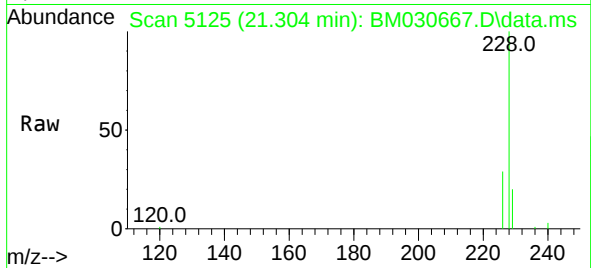
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Benzo(a)anthracene
Concen: 1.603 ng/ul
RT: 21.304 min Scan# 5125
Delta R.T. -0.005 min
Lab File: BM030667.D
Acq: 28 Jun 2021 23:37

Tgt Ion:228 Resp: 66285
Ion Ratio Lower Upper
228 100
229 20.4 16.2 24.2
226 29.1 22.2 33.4

Instrument :
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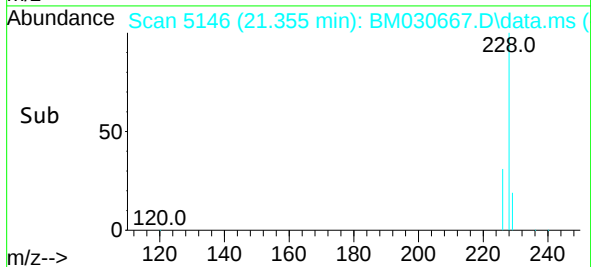
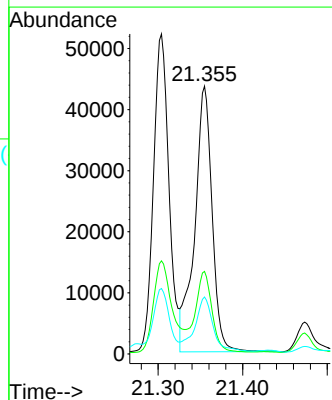
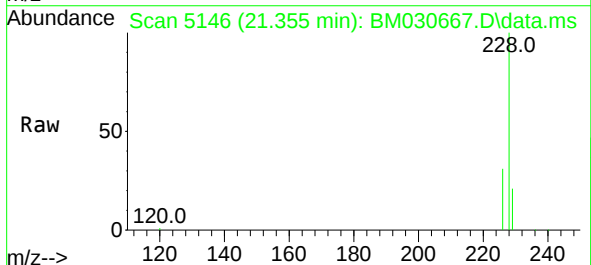
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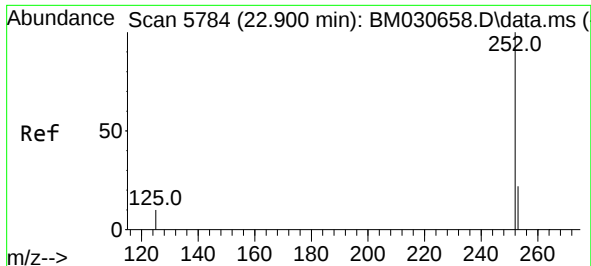
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#22
Chrysene
Concen: 1.345 ng/ul
RT: 21.355 min Scan# 5146
Delta R.T. -0.007 min
Lab File: BM030667.D
Acq: 28 Jun 2021 23:37

Tgt Ion:228 Resp: 62307
Ion Ratio Lower Upper
228 100
226 30.8 24.9 37.3
229 21.3 16.2 24.2





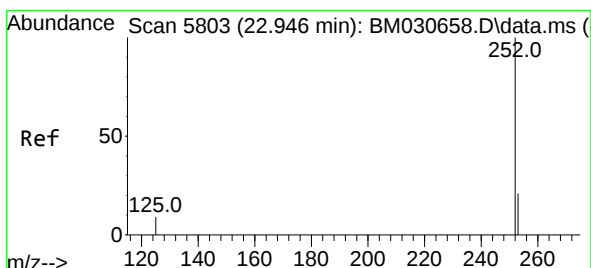
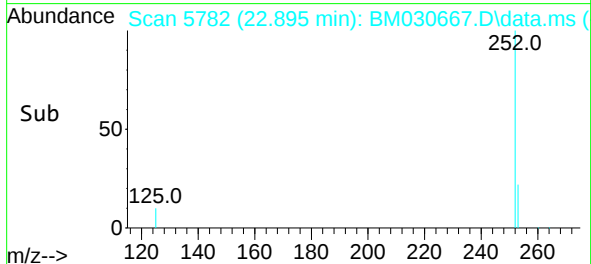
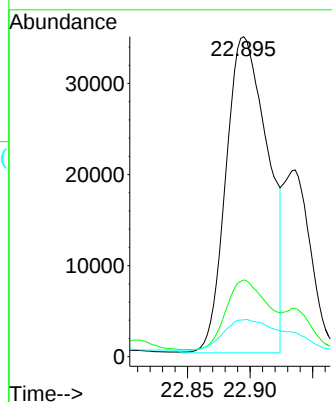
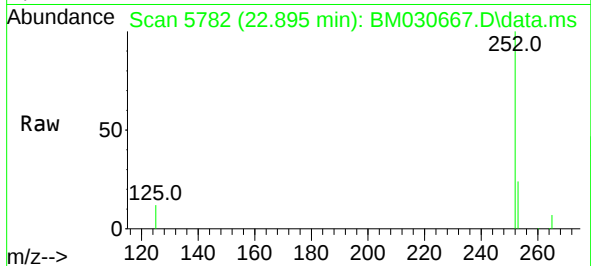
#24
Benzo(b)fluoranthene
Concen: 1.701 ng/ul m
RT: 22.895 min Scan# 5782
Delta R.T. -0.005 min
Lab File: BM030667.D
Acq: 28 Jun 2021 23:37

Tgt Ion:252	Resp:	80805
Ion Ratio	Lower	Upper
252	100	
253	24.0	0.0 57.8
125	11.5	0.0 33.2

Instrument :
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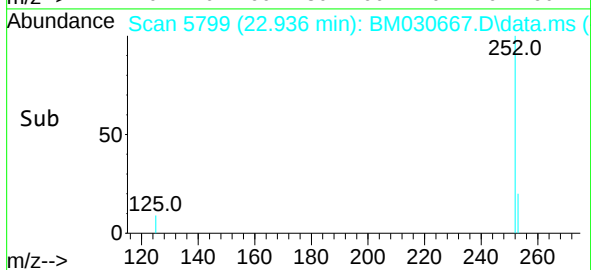
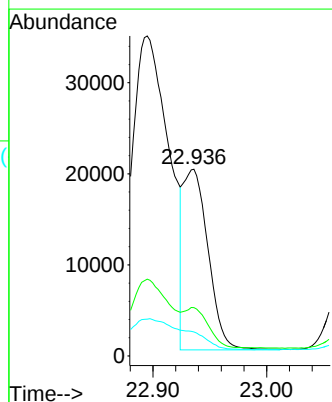
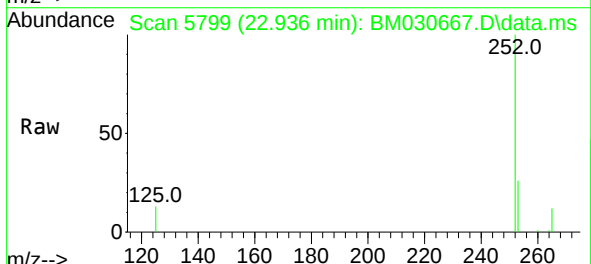
Manual Integrations
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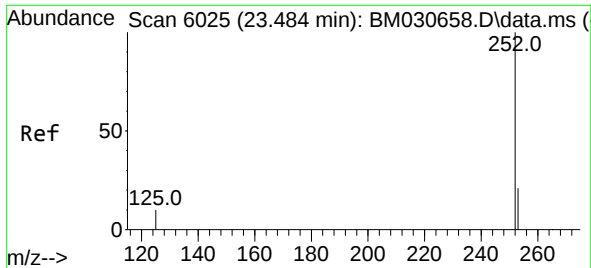
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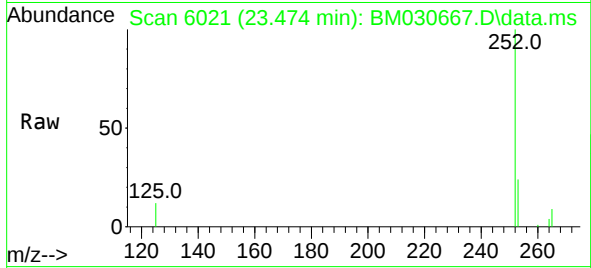
#25
Benzo(k)fluoranthene
Concen: 0.614 ng/ul m
RT: 22.936 min Scan# 5799
Delta R.T. -0.010 min
Lab File: BM030667.D
Acq: 28 Jun 2021 23:37

Tgt Ion:252	Resp:	30064
Ion Ratio	Lower	Upper
252	100	
253	25.9	23.2 34.8
125	12.9	12.6 19.0

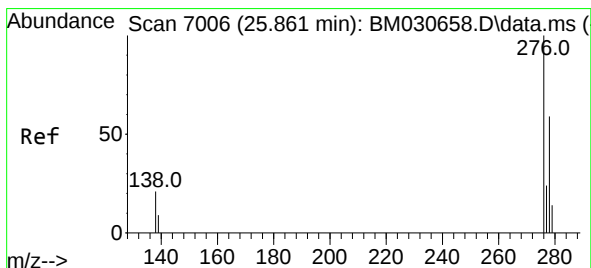
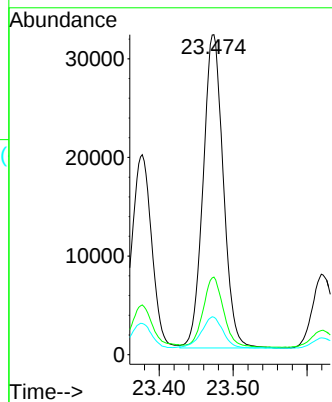
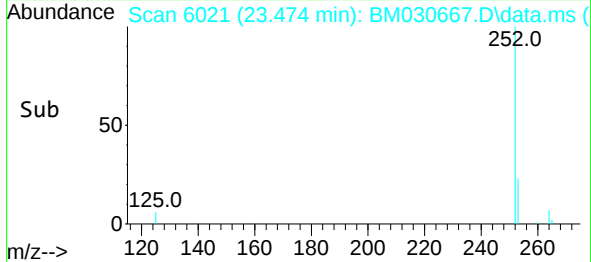




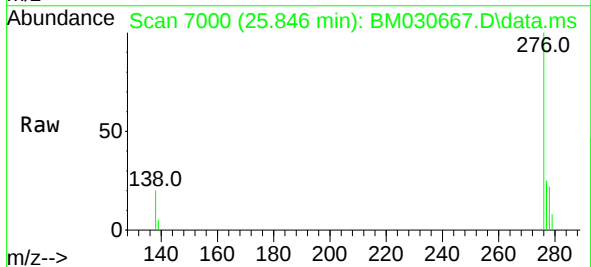
#26
Benzo(a)pyrene
Concen: 1.492 ng/ul
RT: 23.474 min Scan# 6021
Delta R.T. -0.007 min
Lab File: BM030667.D
Acq: 28 Jun 2021 23:37



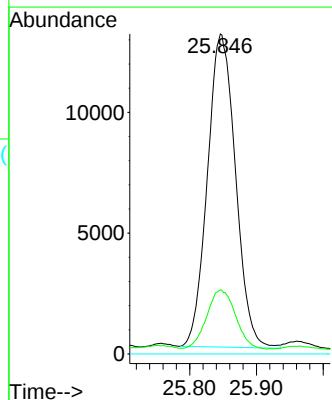
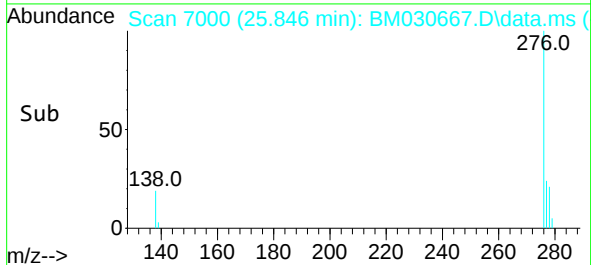
Tgt Ion:252 Resp: 60264
Ion Ratio Lower Upper
252 100
253 24.3 25.5 38.3#
125 11.7 15.8 23.6#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.721 ng/ul
RT: 25.846 min Scan# 7000
Delta R.T. -0.017 min
Lab File: BM030667.D
Acq: 28 Jun 2021 23:37



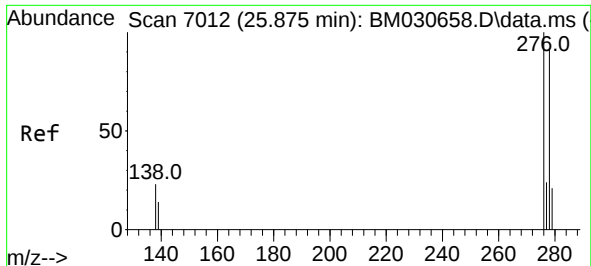
Tgt Ion:276 Resp: 37927
Ion Ratio Lower Upper
276 100
138 19.5 18.2 27.4
227 0.0 0.0 0.0



Instrument :
BNA_M
ClientSampleId :
BGDC6DL

Manual Integrations
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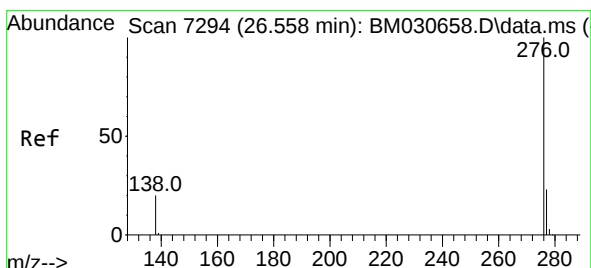
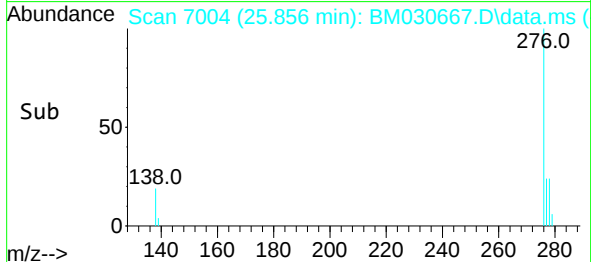
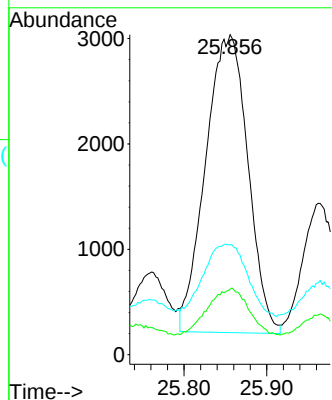
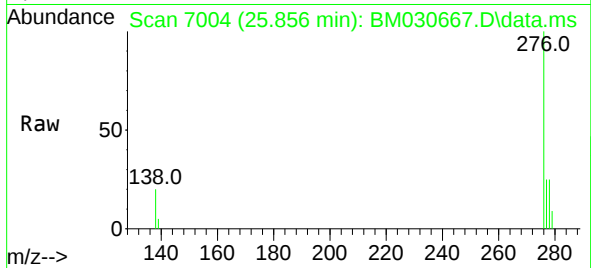
#28
Dibenzo(a,h)anthracene
Concen: 0.238 ng/ul
RT: 25.856 min Scan# 7004
Delta R.T. -0.015 min
Lab File: BM030667.D
Acq: 28 Jun 2021 23:37

Tgt Ion:	278	Resp:	10034
Ion Ratio	Lower	Upper	
278	100		
139	20.5	15.0	22.4
279	34.4	24.3	36.5

Instrument :
BNA_M
ClientSampled :
BGDC6DL

Manual Integrations
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#29
Benzo(g,h,i)perylene
Concen: 0.716 ng/ul
RT: 26.544 min Scan# 7288
Delta R.T. -0.015 min
Lab File: BM030667.D
Acq: 28 Jun 2021 23:37

Tgt Ion:	276	Resp:	32753
Ion Ratio	Lower	Upper	
276	100		
138	20.6	18.1	27.1
277	24.5	20.9	31.3

