

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062821\
 Data File : BM030687.D
 Acq On : 29 Jun 2021 12:30
 Operator : CG/JU
 Sample : M2680-07
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BGDD3

Manual Integrations
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mohammad
 6/30/2021 10:24:52 AM

Quant Time: Jun 29 13:18:56 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	7.787	152	2490	0.400	ng/ul	0.00
4) Naphthalene-d8	10.572	136	9377	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.413	164	7340	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.155	188	11543	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.340	240	10542m	0.400	ng/ul	0.01
23) Perylene-d12	23.602	264	11069m	0.400	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.275	96	7697	2.837	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.160	152	2844	0.193	ng/ul	0.00
18) Fluoranthene-d10	19.180	212	5495m	0.182	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.621	128	430238	16.101	ng/ul	97
7) 2-Methylnaphthalene	12.232	142	51149	2.844	ng/ul	99
8) 1-Methylnaphthalene	12.452	142	36579	2.090	ng/ul	99
10) Acenaphthylene	14.136	152	1508749	46.047	ng/ul	99
11) Acenaphthene	14.478	153	691103	26.029	ng/ul	97
12) Fluorene	15.463	166	2013740	68.756	ng/ul	99
15) Phenanthrene	17.211	178	12883549m	332.009	ng/ul	
16) Anthracene	17.301	178	8976066	264.130	ng/ul	94
19) Fluoranthene	19.233	202	17446405	374.950	ng/ul#	90
20) Pyrene	19.596	202	15512912	331.550	ng/ul#	86
21) Benzo(a)anthracene	21.326	228	8744430	208.086	ng/ul#	76
22) Chrysene	21.381	228	7380089	156.776	ng/ul#	86
24) Benzo(b)fluoranthene	22.934	252	9158441m	186.803	ng/ul	
25) Benzo(k)fluoranthene	22.970	252	3377279m	66.815	ng/ul	
26) Benzo(a)pyrene	23.520	252	7710463	184.902	ng/ul#	88
27) Indeno(1,2,3-cd)pyrene	25.911	276	4601257	84.703	ng/ul#	96
28) Dibenzo(a,h)anthracene	25.904	278	1199876	27.525	ng/ul	98
29) Benzo(g,h,i)perylene	26.616	276	3536086	74.922	ng/ul	98

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

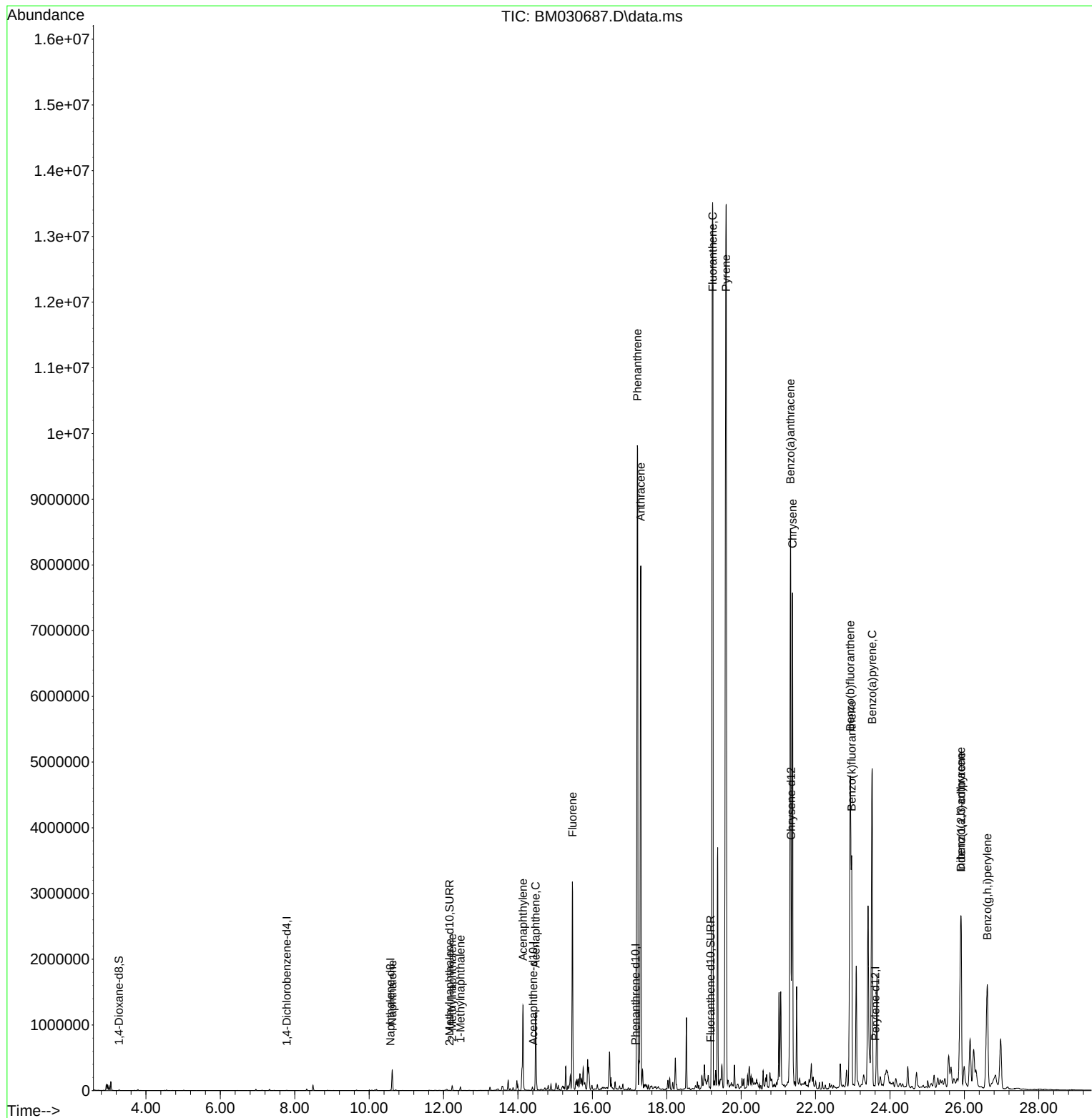
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062821\
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Acq On : 29 Jun 2021 12:30
Operator : CG/JU
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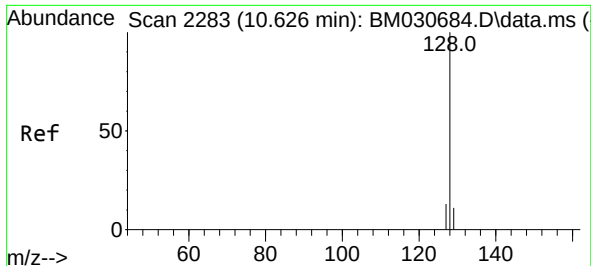
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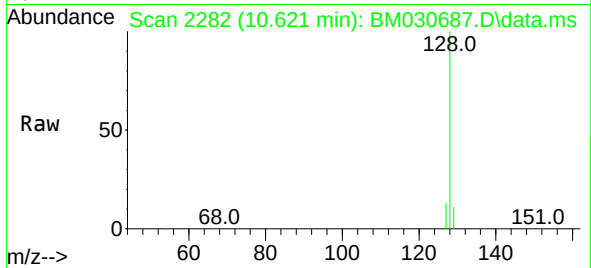
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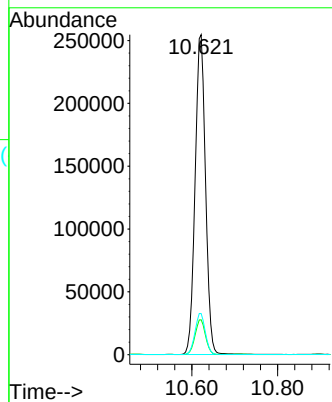
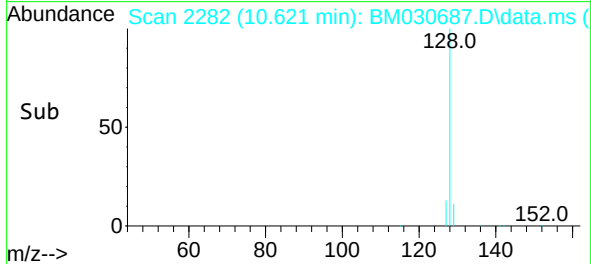




#5
Naphthalene
Concen: 16.101 ng/ul
RT: 10.621 min Scan# 2282
Delta R.T. -0.008 min
Lab File: BM030687.D
Acq: 29 Jun 2021 12:30



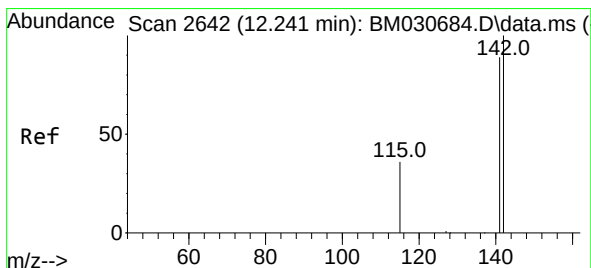
Tgt Ion:128 Resp: 430238
Ion Ratio Lower Upper
128 100
129 10.9 9.5 14.3
127 12.8 11.2 16.8



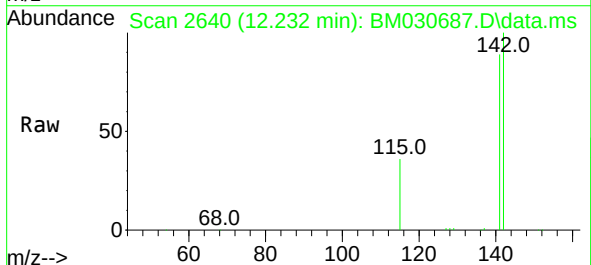
Instrument :
BNA_M
ClientSampled :
BGDD3

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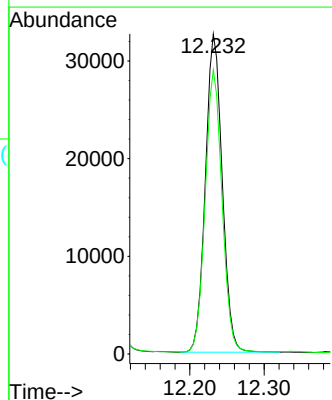
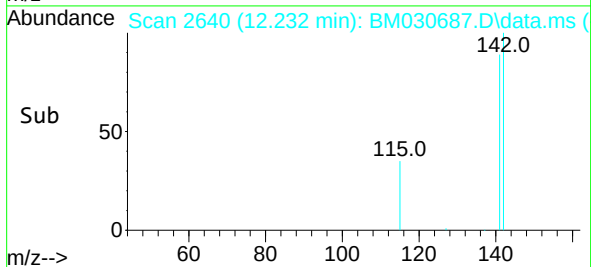
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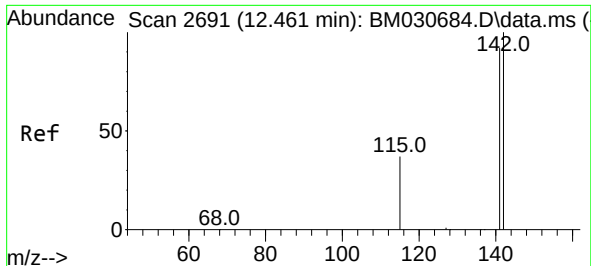


#7
2-Methylnaphthalene
Concen: 2.844 ng/ul
RT: 12.232 min Scan# 2640
Delta R.T. -0.013 min
Lab File: BM030687.D
Acq: 29 Jun 2021 12:30

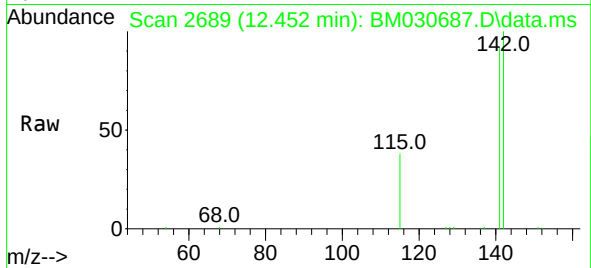


Tgt Ion:142 Resp: 51149
Ion Ratio Lower Upper
142 100
141 88.6 71.4 107.0

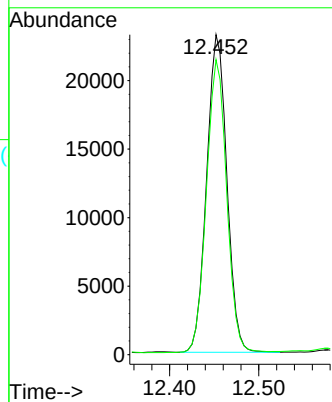
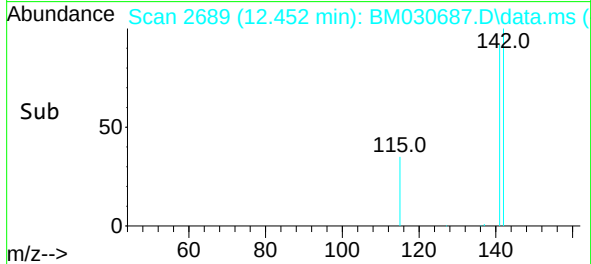




#8
1-Methylnaphthalene
Concen: 2.090 ng/ul
RT: 12.452 min Scan# 2689
Delta R.T. -0.008 min
Lab File: BM030687.D
Acq: 29 Jun 2021 12:30



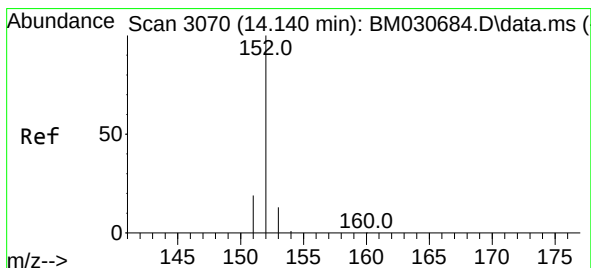
Tgt Ion:142 Resp: 36579
Ion Ratio Lower Upper
142 100
141 92.8 73.2 109.8



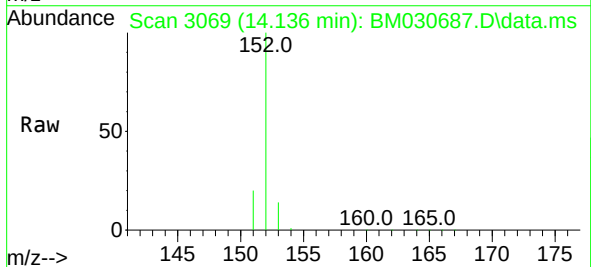
Instrument :
BNA_M
ClientSampled :
BGDD3

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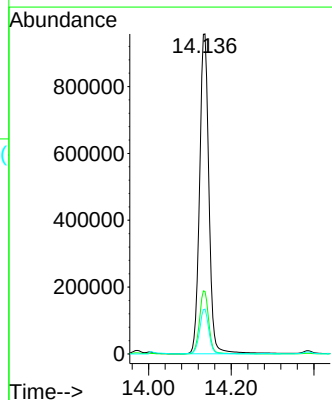
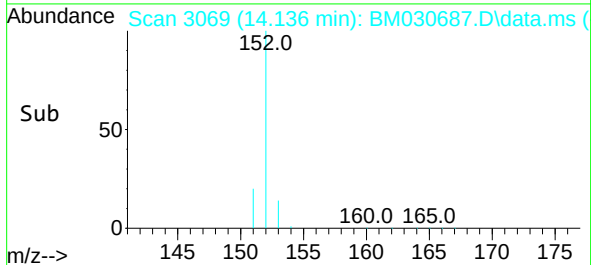
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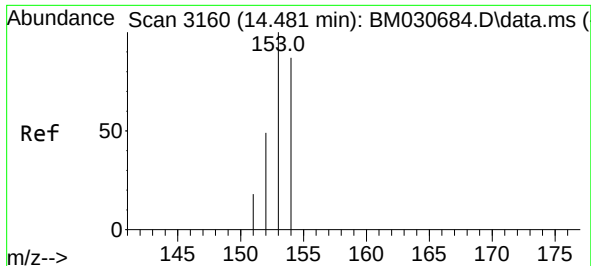


#10
Acenaphthylene
Concen: 46.047 ng/ul
RT: 14.136 min Scan# 3069
Delta R.T. -0.004 min
Lab File: BM030687.D
Acq: 29 Jun 2021 12:30



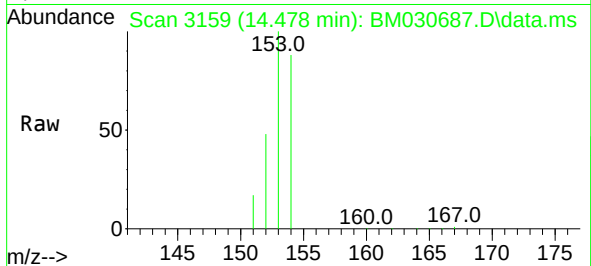
Tgt Ion:152 Resp: 1508749
Ion Ratio Lower Upper
152 100
151 19.5 16.2 24.4
153 14.0 11.4 17.0



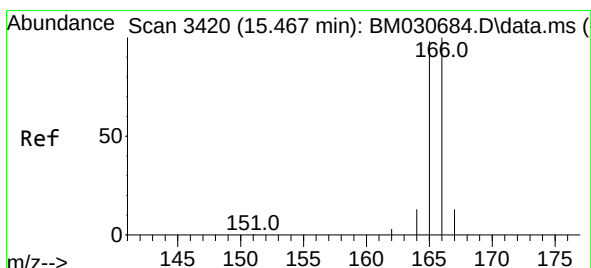
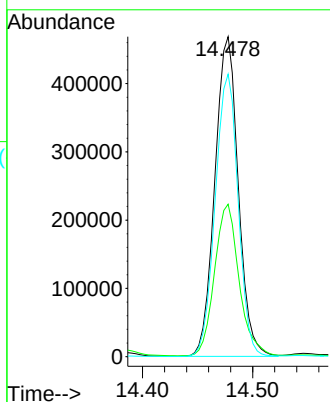
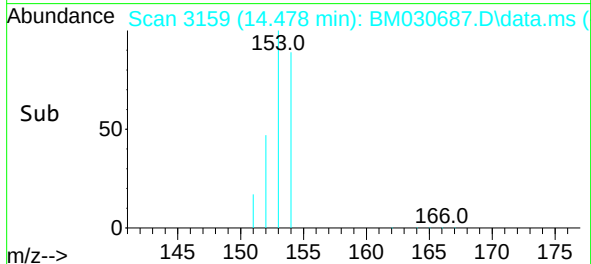


#11
Acenaphthene
Concen: 26.029 ng/u1
RT: 14.478 min Scan# 3159
Delta R.T. -0.004 min
Lab File: BM030687.D
Acq: 29 Jun 2021 12:30

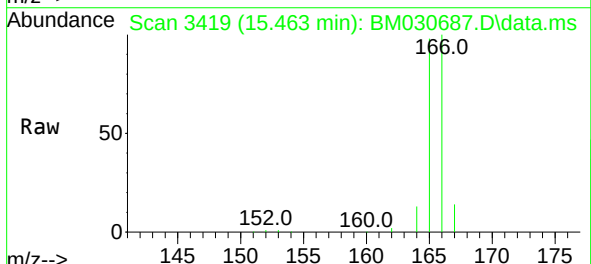
Instrument :
BNA_M
ClientSampleId :
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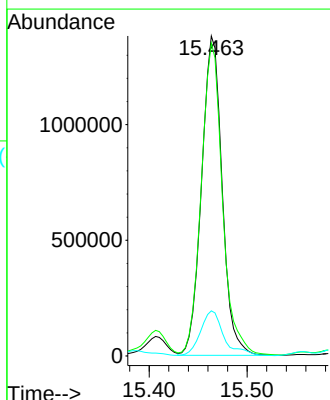
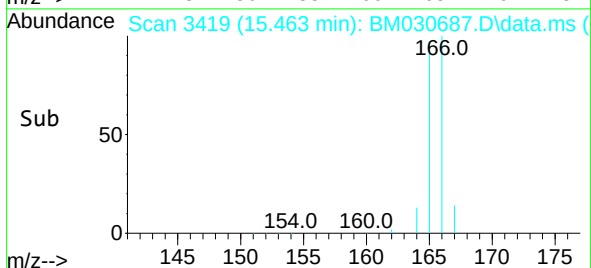
Tgt Ion:153 Resp: 691103
Ion Ratio Lower Upper
153 100
152 47.7 39.8 59.6
154 88.3 68.7 103.1

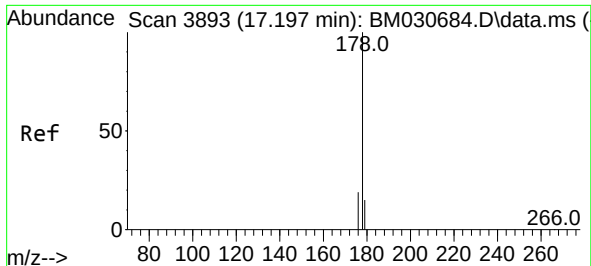


#12
Fluorene
Concen: 68.756 ng/u1
RT: 15.463 min Scan# 3419
Delta R.T. -0.004 min
Lab File: BM030687.D
Acq: 29 Jun 2021 12:30



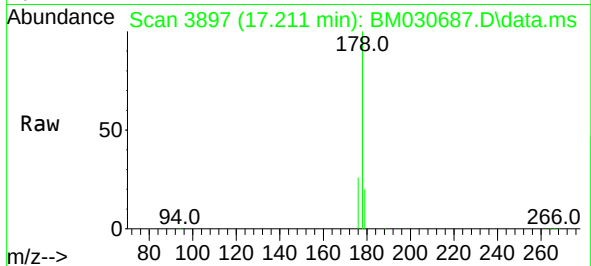
Tgt Ion:166 Resp: 2013740
Ion Ratio Lower Upper
166 100
165 97.8 79.1 118.7
167 14.1 12.2 18.2





#15
Phenanthrene
Concen: 332.009 ng/ul m
RT: 17.211 min Scan# 3897
Delta R.T. 0.010 min
Lab File: BM030687.D
Acq: 29 Jun 2021 12:30

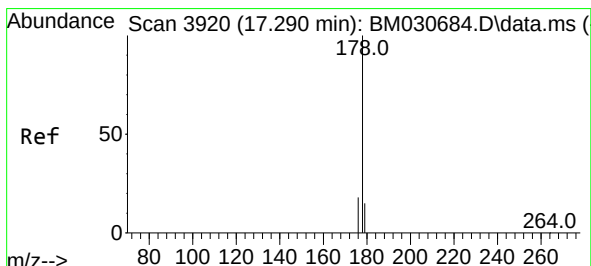
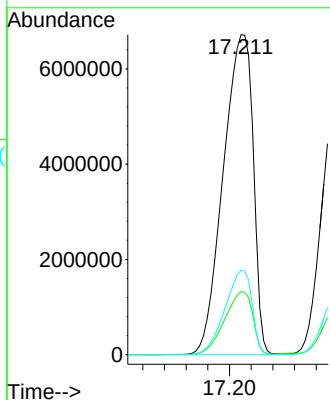
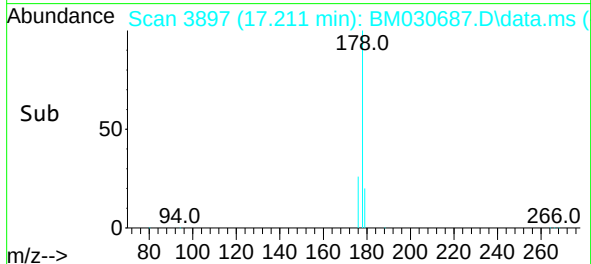
Instrument :
BNA_M
ClientSampled :
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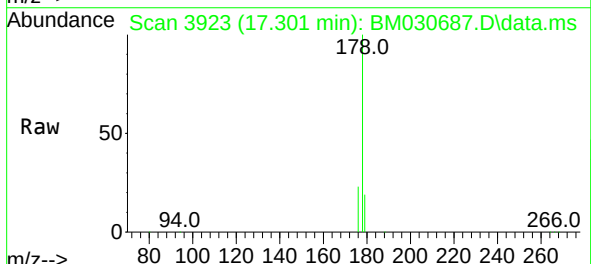
Tgt Ion:178 Resp:12883549
Ion Ratio Lower Upper
178 100
179 19.7 13.3 19.9
176 26.4 16.0 24.0#

Manual Integrations
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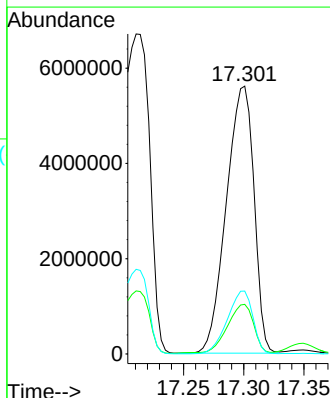
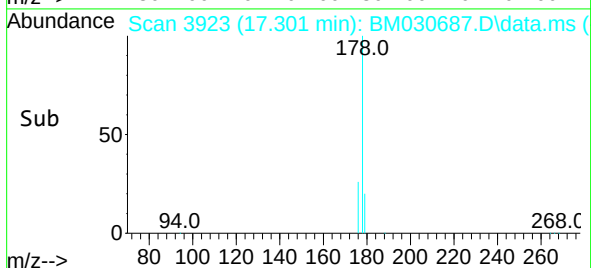
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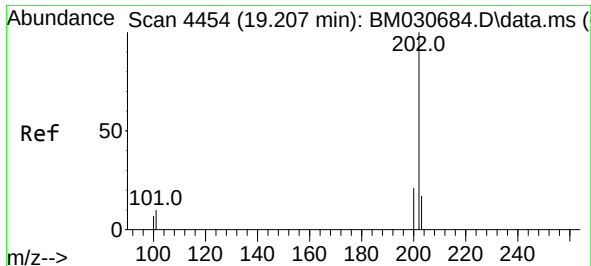


#16
Anthracene
Concen: 264.130 ng/ul
RT: 17.301 min Scan# 3923
Delta R.T. 0.010 min
Lab File: BM030687.D
Acq: 29 Jun 2021 12:30



Tgt Ion:178 Resp: 8976066
Ion Ratio Lower Upper
178 100
179 18.5 14.0 21.0
176 23.5 15.8 23.6





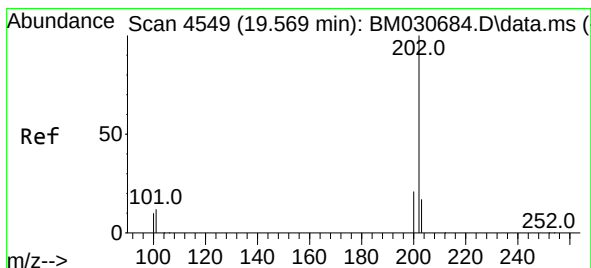
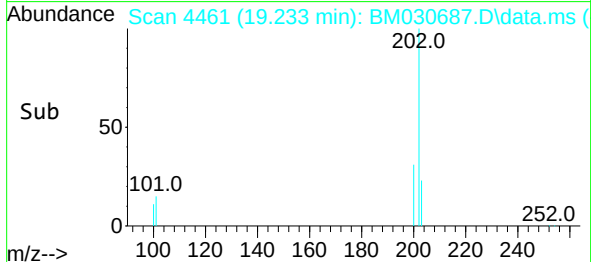
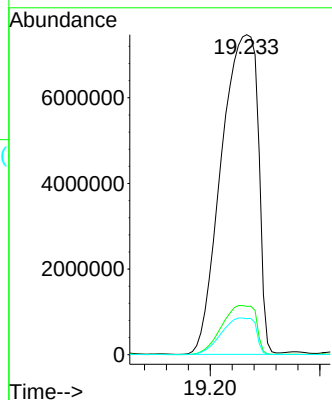
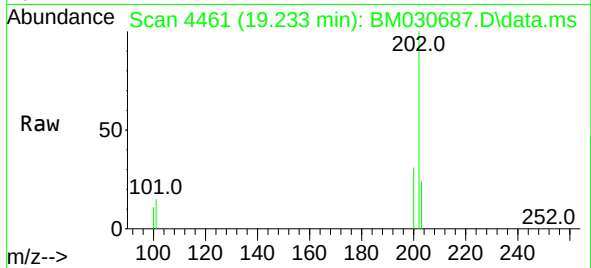
#19
Fluoranthene
Concen: 374.950 ng/u1
RT: 19.233 min Scan# 4461
Delta R.T. 0.023 min
Lab File: BM030687.D
Acq: 29 Jun 2021 12:30

Tgt Ion:202 Resp:17446405
Ion Ratio Lower Upper
202 100
101 15.1 8.7 13.1#
100 11.3 6.6 9.8#

Instrument :
BNA_M
ClientSampled :
BGDD3

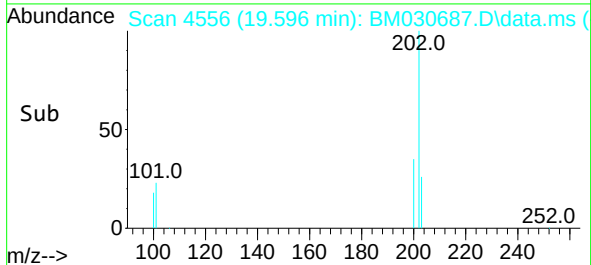
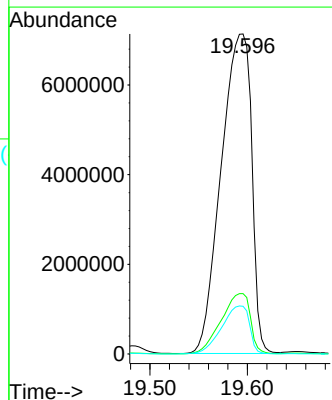
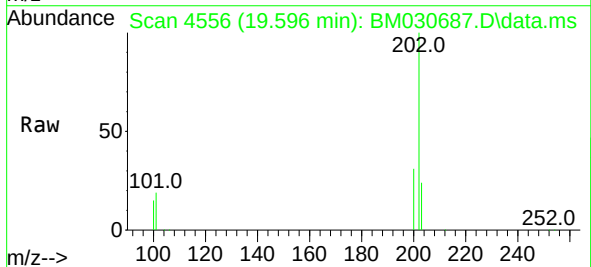
Manual Integrations
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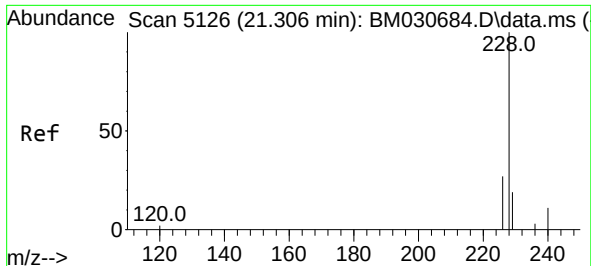
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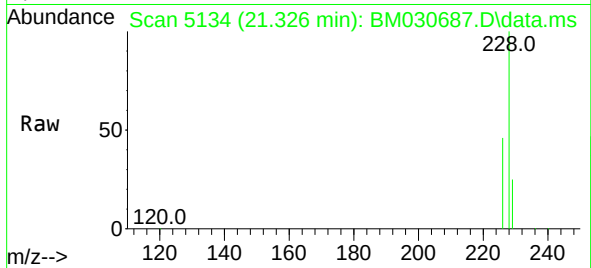
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Pyrene
Concen: 331.550 ng/u1
RT: 19.596 min Scan# 4556
Delta R.T. 0.027 min
Lab File: BM030687.D
Acq: 29 Jun 2021 12:30

Tgt Ion:202 Resp:15512912
Ion Ratio Lower Upper
202 100
101 18.9 10.2 15.4#
100 14.9 8.5 12.7#

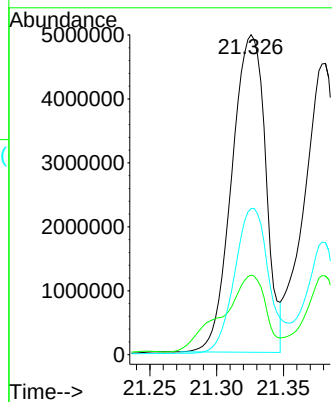
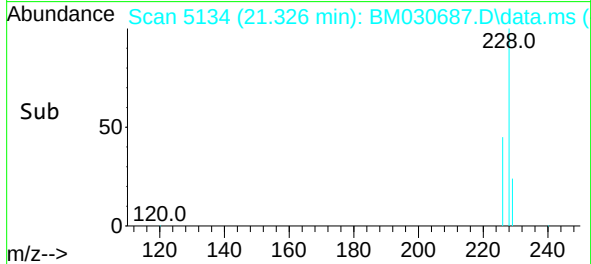




#21
Benzo(a)anthracene
Concen: 208.086 ng/uI
RT: 21.326 min Scan# 5134
Delta R.T. 0.017 min
Lab File: BM030687.D
Acq: 29 Jun 2021 12:30



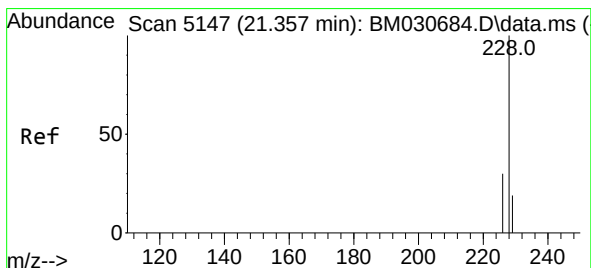
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Ion Ratio Lower Upper
228 100
229 24.9 16.2 24.2#
226 45.7 22.2 33.4#



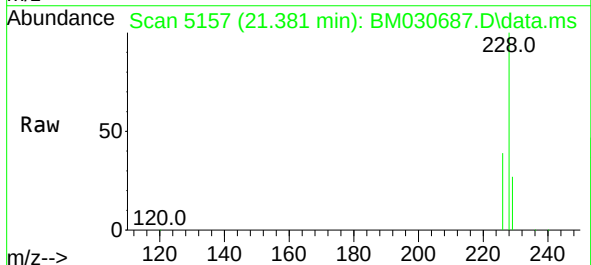
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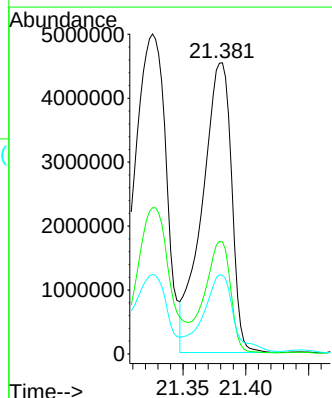
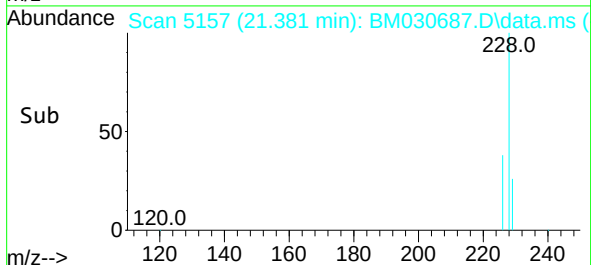
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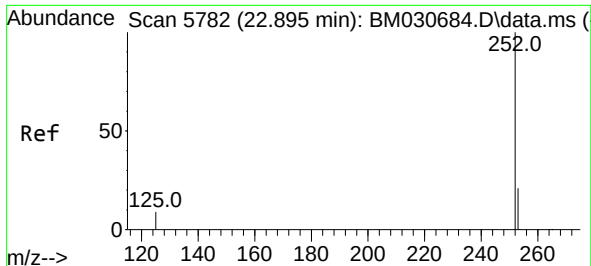


#22
Chrysene
Concen: 156.776 ng/uI
RT: 21.381 min Scan# 5157
Delta R.T. 0.019 min
Lab File: BM030687.D
Acq: 29 Jun 2021 12:30



Tgt Ion:228 Resp: 7380089
Ion Ratio Lower Upper
228 100
226 38.5 24.9 37.3#
229 27.0 16.2 24.2#





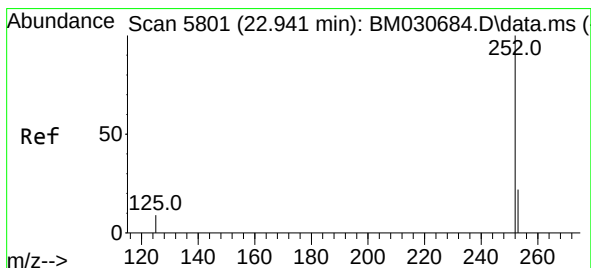
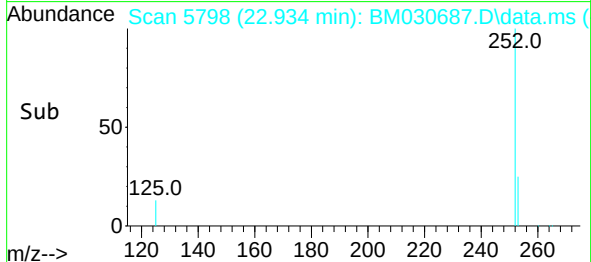
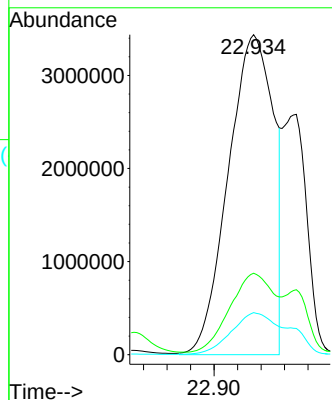
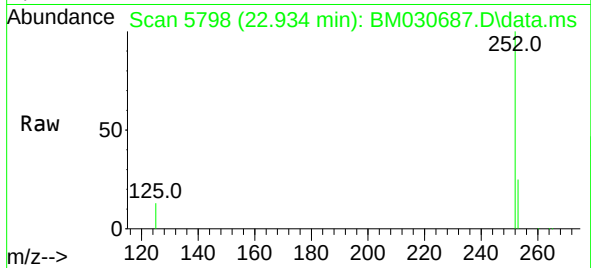
#24
Benzo(b)fluoranthene
Concen: 186.803 ng/ul m
RT: 22.934 min Scan# 5798
Delta R.T. 0.034 min
Lab File: BM030687.D
Acq: 29 Jun 2021 12:30

Tgt Ion:252 Resp: 9158441
Ion Ratio Lower Upper
252 100
253 25.5 0.0 57.8
125 13.1 0.0 33.2

Instrument :
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ClientSampled :
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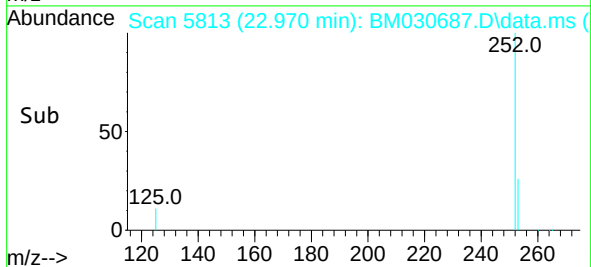
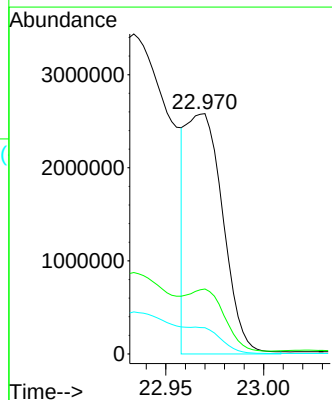
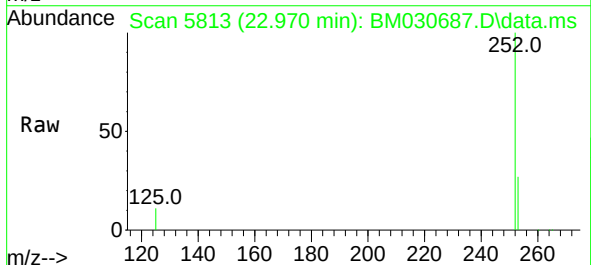
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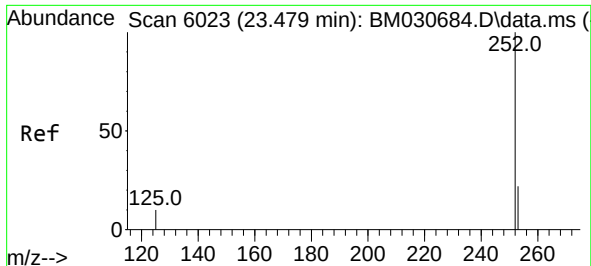
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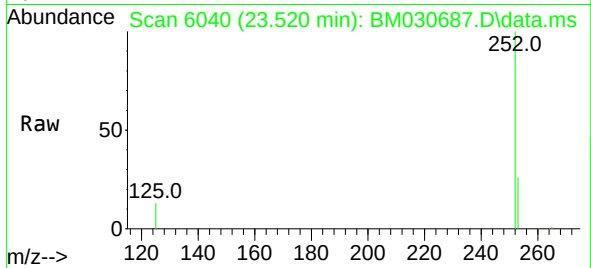
#25
Benzo(k)fluoranthene
Concen: 66.815 ng/ul m
RT: 22.970 min Scan# 5813
Delta R.T. 0.024 min
Lab File: BM030687.D
Acq: 29 Jun 2021 12:30

Tgt Ion:252 Resp: 3377279
Ion Ratio Lower Upper
252 100
253 27.0 23.2 34.8
125 10.9 12.6 19.0#

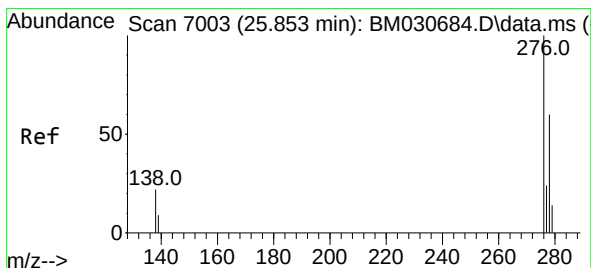
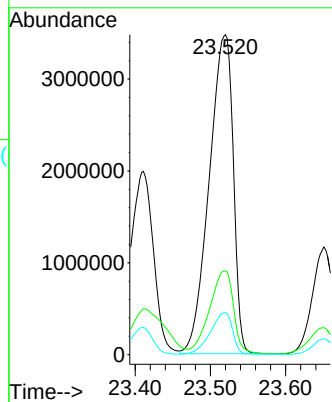
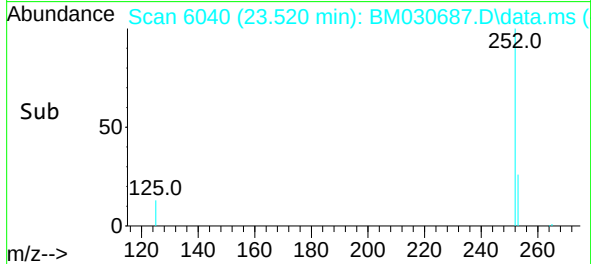




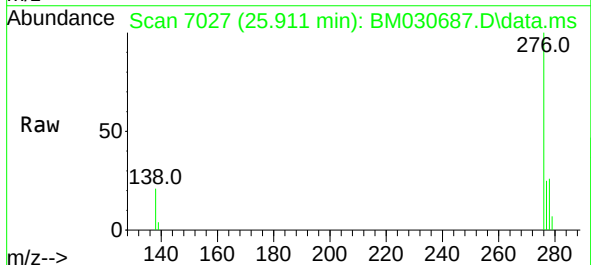
#26
Benzo(a)pyrene
Concen: 184.902 ng/ul
RT: 23.520 min Scan# 6040
Delta R.T. 0.039 min
Lab File: BM030687.D
Acq: 29 Jun 2021 12:30



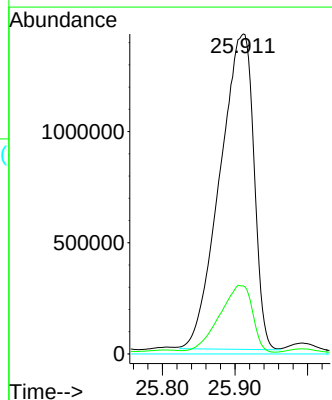
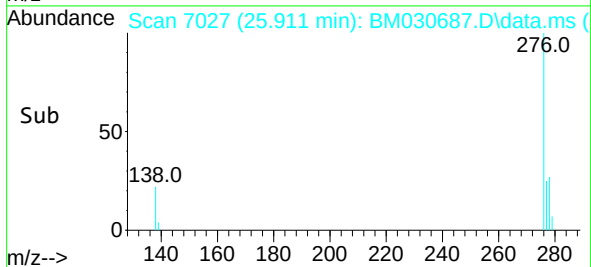
Tgt Ion:252 Resp: 7710463
Ion Ratio Lower Upper
252 100
253 26.2 25.5 38.3
125 13.1 15.8 23.6#



#27
Indeno(1,2,3-cd)pyrene
Concen: 84.703 ng/ul
RT: 25.911 min Scan# 7027
Delta R.T. 0.048 min
Lab File: BM030687.D
Acq: 29 Jun 2021 12:30



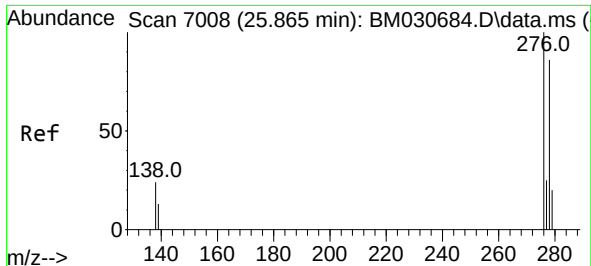
Tgt Ion:276 Resp: 4601257
Ion Ratio Lower Upper
276 100
138 20.6 18.2 27.4
227 0.0 0.0 0.0



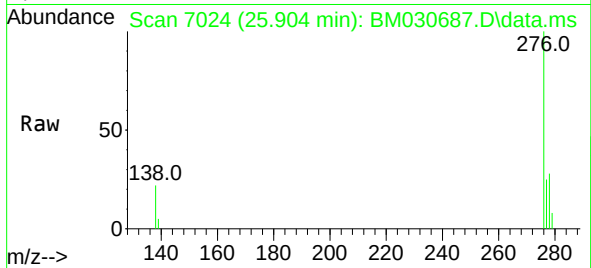
Instrument :
BNA_M
ClientSampleId :
BGDD3

Manual Integrations
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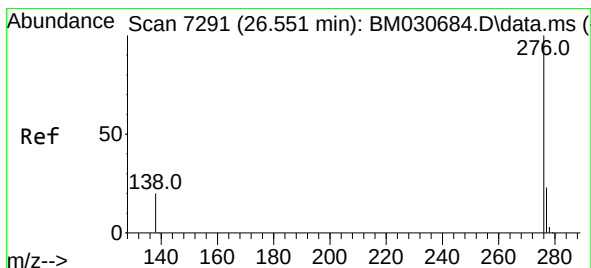
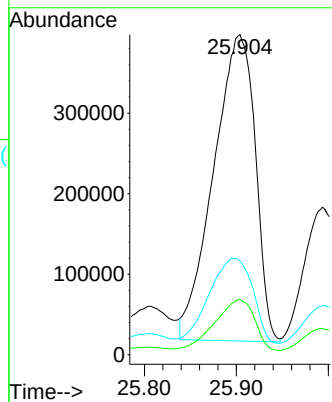
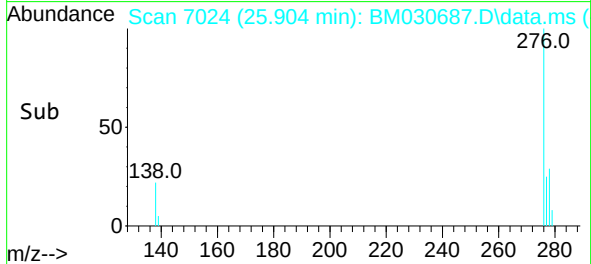
mohammad
6/30/2021 10:24:52 AM



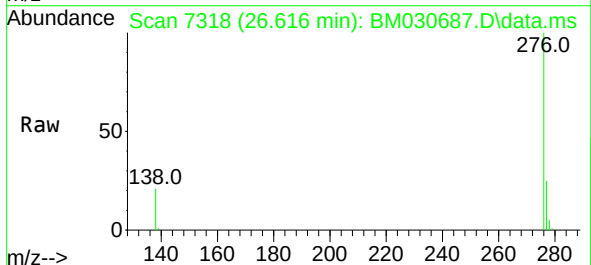
#28
Dibenzo(a,h)anthracene
Concen: 27.525 ng/ul
RT: 25.904 min Scan# 7024
Delta R.T. 0.034 min
Lab File: BM030687.D
Acq: 29 Jun 2021 12:30



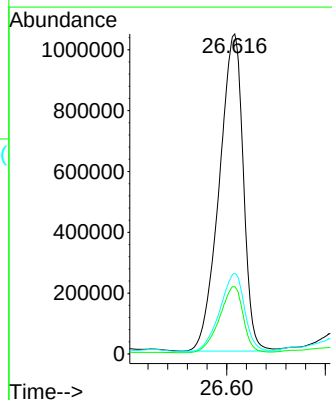
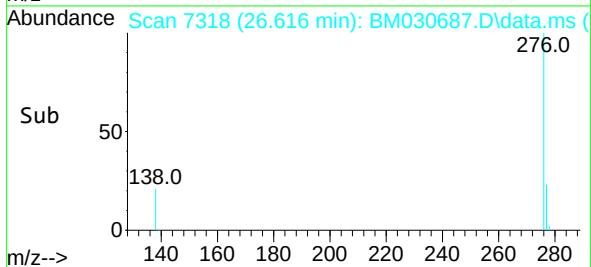
Tgt Ion:278 Resp: 1199876
Ion Ratio Lower Upper
278 100
139 17.3 15.0 22.4
279 29.3 24.3 36.5



#29
Benzo(g,h,i)perylene
Concen: 74.922 ng/ul
RT: 26.616 min Scan# 7318
Delta R.T. 0.058 min
Lab File: BM030687.D
Acq: 29 Jun 2021 12:30



Tgt Ion:276 Resp: 3536086
Ion Ratio Lower Upper
276 100
138 21.0 18.1 27.1
277 25.2 20.9 31.3



Instrument :
BNA_M
ClientSampled :
BGDD3

Manual Integrations
APPROVED

mohammad
6/30/2021 10:24:52 AM