

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM090321\
 Data File : BM032077.D
 Acq On : 04 Sep 2021 14:47
 Operator : CG/JU
 Sample : M3518-02
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AX1

Manual Integrations
 APPROVED

mohammad
 9/7/2021 11:38:56 AM

Quant Time: Sep 06 02:22:30 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM090321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 03 16:21:27 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.452	152	1571	0.400	ng/ul	0.00
4) Naphthalene-d8	10.203	136	5508	0.400	ng/ul	#-0.02
9) Acenaphthene-d10	14.095	164	3553	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.851	188	6570	0.400	ng/ul	#-0.01
17) Chrysene-d12	21.062	240	6111	0.400	ng/ul	#-0.01
23) Perylene-d12	23.173	264	7342	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.061	96	8009	4.642	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	11.800	152	2398	0.281	ng/ul	-0.02
18) Fluoranthene-d10	18.892	212	5443	0.304	ng/ul	-0.01
Target Compounds						
					Qvalue	
5) Naphthalene	10.253	128	105143	7.194	ng/ul	94
7) 2-Methylnaphthalene	11.876	142	75420	7.396	ng/ul	98
8) 1-Methylnaphthalene	12.101	142	59421	5.919	ng/ul	97
10) Acenaphthylene	13.815	152	18174	1.267	ng/ul	100
11) Acenaphthene	14.155	153	28703	2.447	ng/ul	96
12) Fluorene	15.152	166	33479	2.448	ng/ul	97
15) Phenanthrene	16.893	178	594124	29.712	ng/ul	97
16) Anthracene	16.983	178	121810	6.944	ng/ul	96
19) Fluoranthene	18.923	202	1106474	41.892	ng/ul	98
20) Pyrene	19.289	202	944822	34.707	ng/ul	98
21) Benzo(a)anthracene	21.045	228	536123	24.016	ng/ul	98
22) Chrysene	21.095	228	550802	21.481	ng/ul	99
24) Benzo(b)fluoranthene	22.553	252	839642m	24.876	ng/ul	
25) Benzo(k)fluoranthene	22.589	252	306172m	8.794	ng/ul	
26) Benzo(a)pyrene	23.086	252	609772	20.673	ng/ul#	80
27) Indeno(1,2,3-cd)pyrene	25.245	276	441834	10.996	ng/ul#	95
28) Dibenzo(a,h)anthracene	25.249	278	109241m	3.382	ng/ul	
29) Benzo(g,h,i)perylene	25.877	276	407375	11.392	ng/ul	96

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

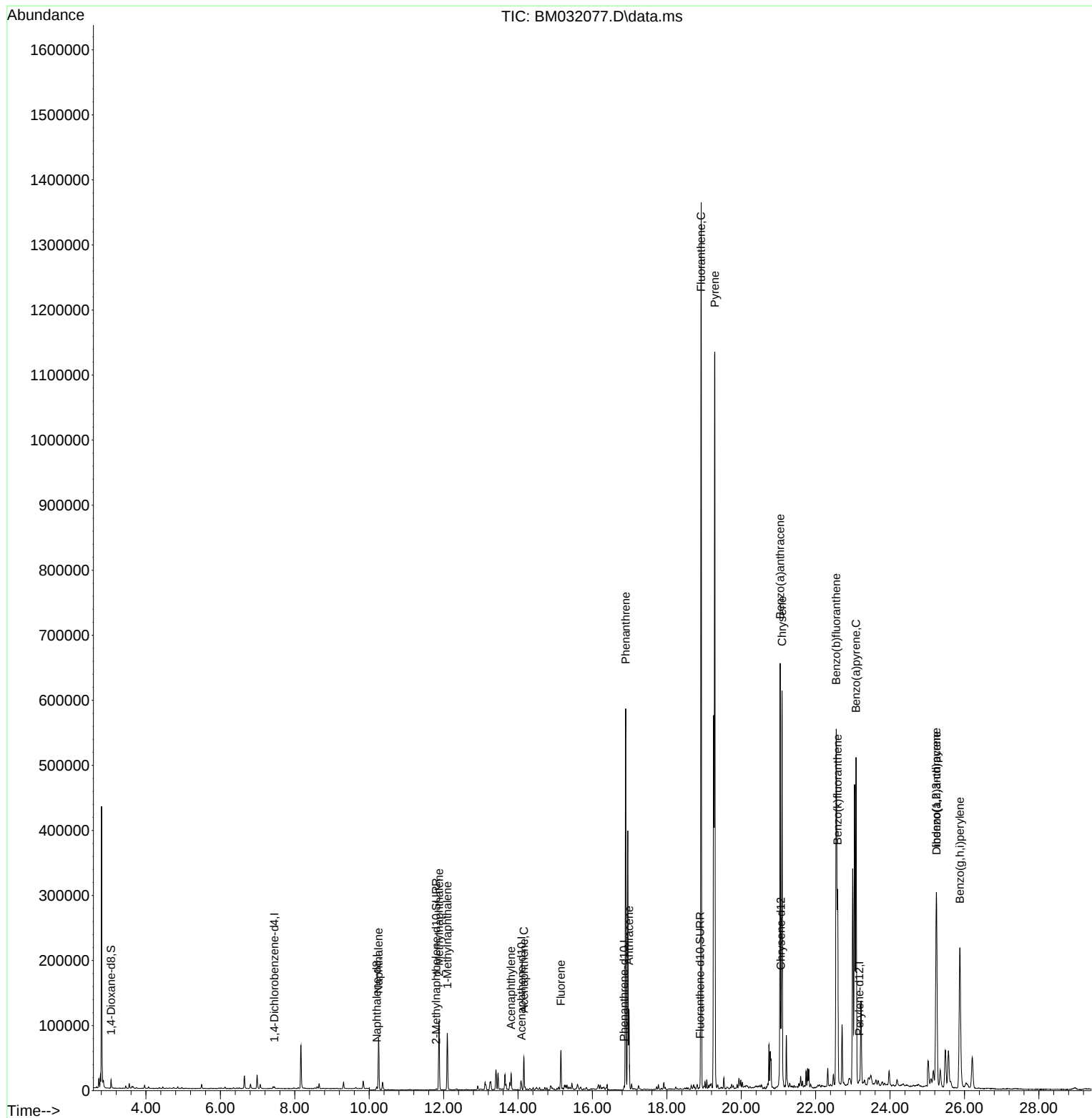
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM090321\
Data File : BM032077.D
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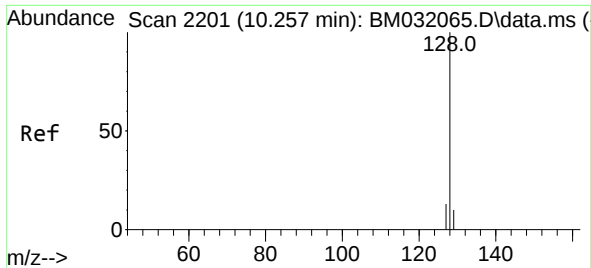
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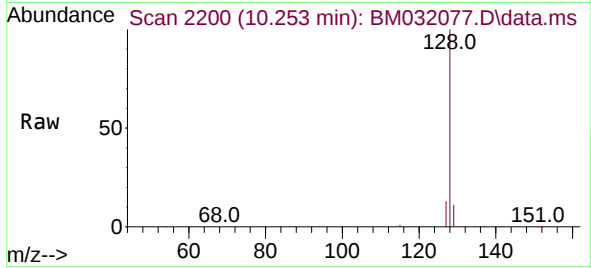
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Quant Time: Sep 06 02:22:30 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM090321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 03 16:21:27 2021
Response via : Initial Calibration

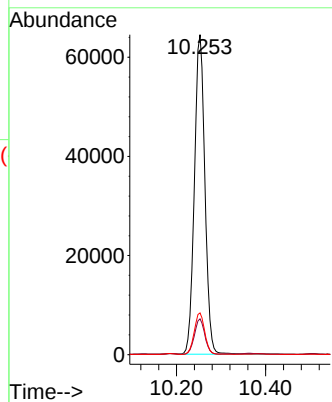
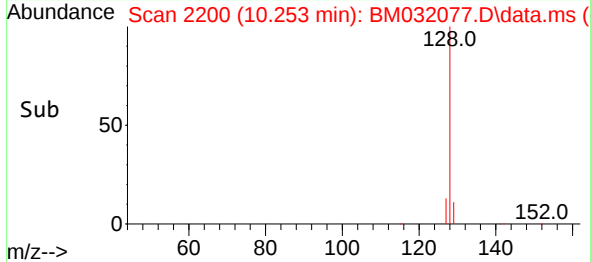




#5
Naphthalene
Concen: 7.194 ng/ul
RT: 10.253 min Scan# 2200
Delta R.T. -0.018 min
Lab File: BM032077.D
Acq: 04 Sep 2021 14:47



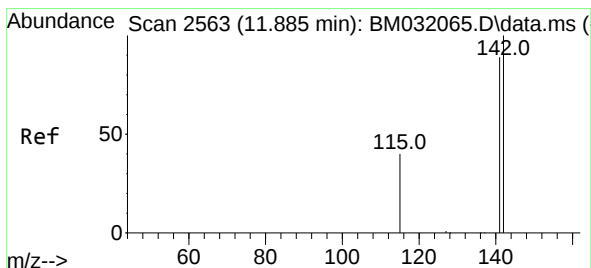
Tgt Ion:128 Resp: 105143
Ion Ratio Lower Upper
128 100
129 11.2 10.9 16.3
127 13.0 12.4 18.6



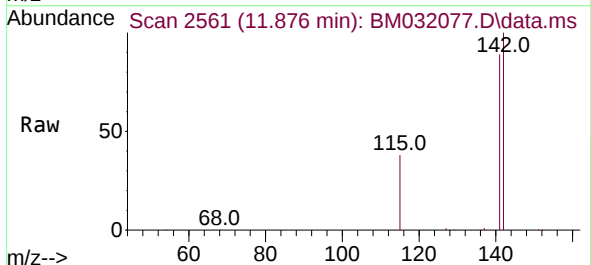
Instrument :
BNA_M
ClientSampleId :
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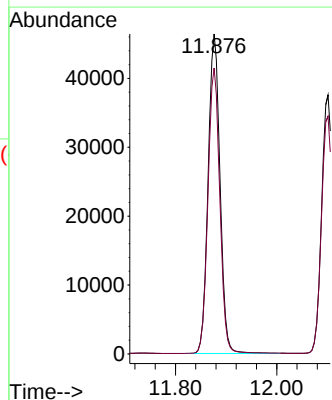
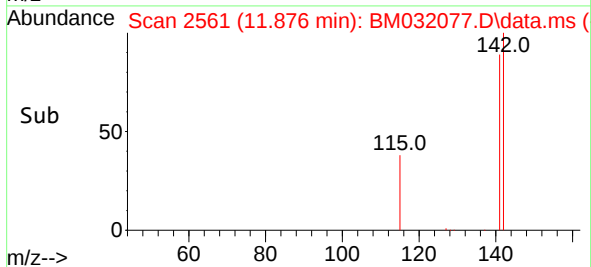
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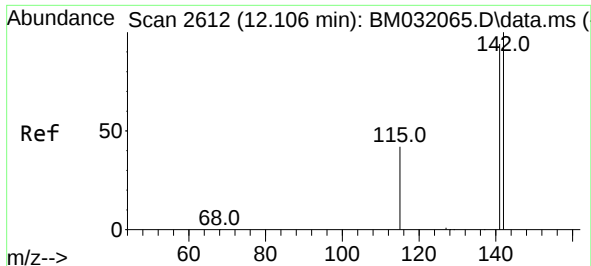


#7
2-Methylnaphthalene
Concen: 7.396 ng/ul
RT: 11.876 min Scan# 2561
Delta R.T. -0.022 min
Lab File: BM032077.D
Acq: 04 Sep 2021 14:47



Tgt Ion:142 Resp: 75420
Ion Ratio Lower Upper
142 100
141 89.4 70.3 105.5





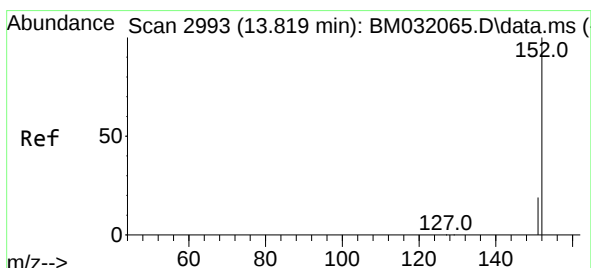
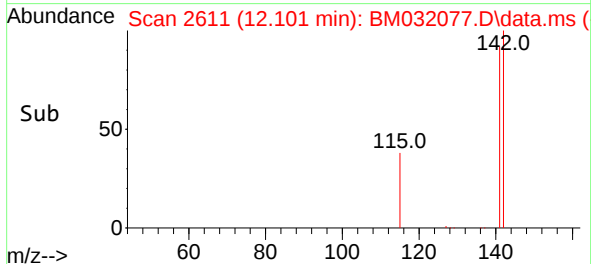
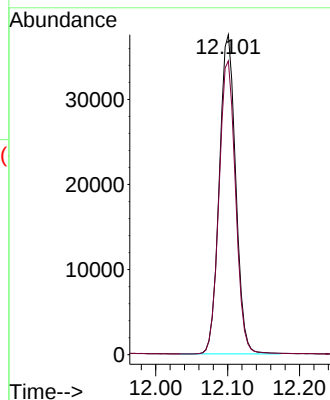
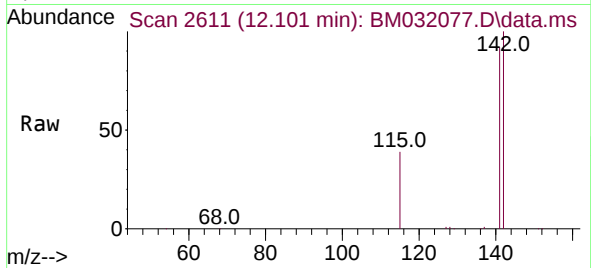
#8
1-Methylnaphthalene
Concen: 5.919 ng/ul
RT: 12.101 min Scan# 2611
Delta R.T. -0.014 min
Lab File: BM032077.D
Acq: 04 Sep 2021 14:47

Tgt Ion:142 Resp: 59421
Ion Ratio Lower Upper
142 100
141 92.7 72.2 108.2

Instrument :
BNA_M
ClientSampleId :
C0AX1

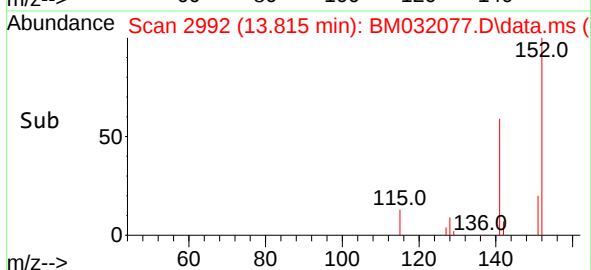
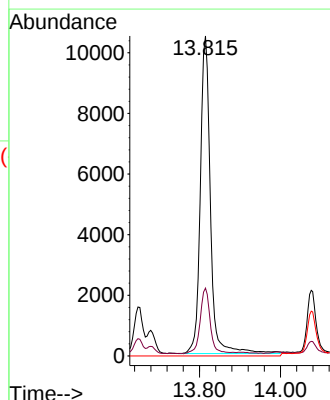
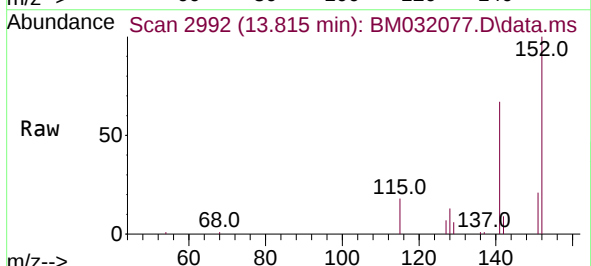
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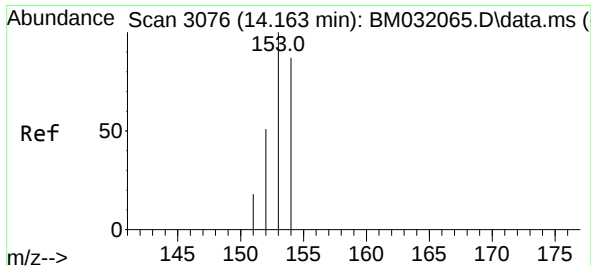
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#10
Acenaphthylene
Concen: 1.267 ng/ul
RT: 13.815 min Scan# 2992
Delta R.T. -0.009 min
Lab File: BM032077.D
Acq: 04 Sep 2021 14:47

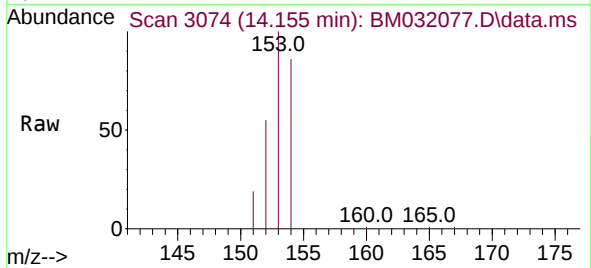
Tgt Ion:152 Resp: 18174
Ion Ratio Lower Upper
152 100
151 21.2 17.0 25.4
153 0.0 0.0 0.0



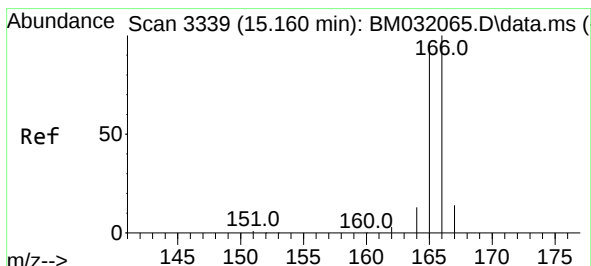
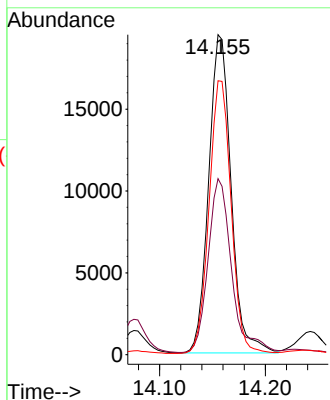
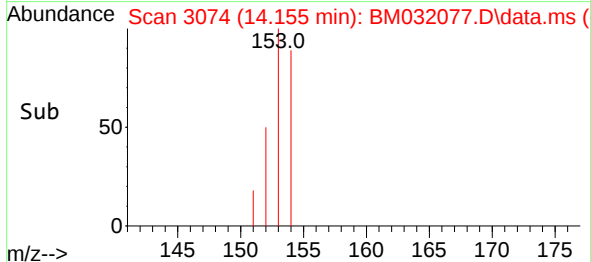


#11
Acenaphthene
Concen: 2.447 ng/ul
RT: 14.155 min Scan# 3074
Delta R.T. -0.012 min
Lab File: BM032077.D
Acq: 04 Sep 2021 14:47

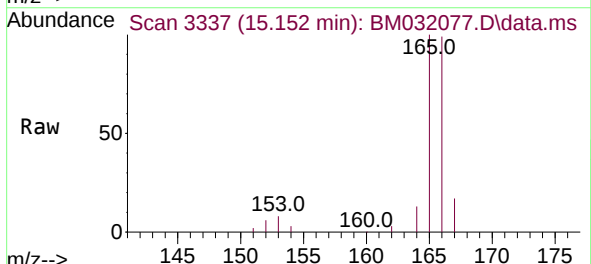
Instrument :
BNA_M
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C0AX1



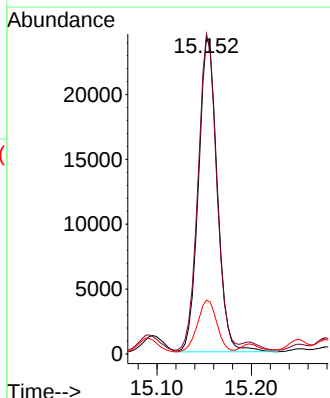
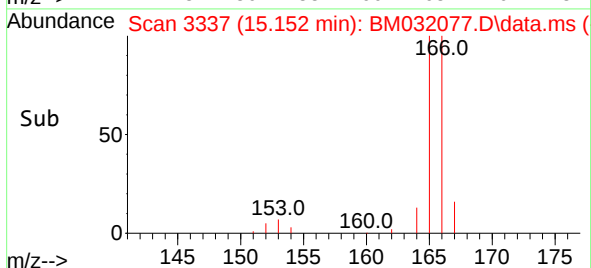
Tgt Ion:153 Resp: 28703
Ion Ratio Lower Upper
153 100
152 55.0 41.0 61.4
154 85.6 70.5 105.7

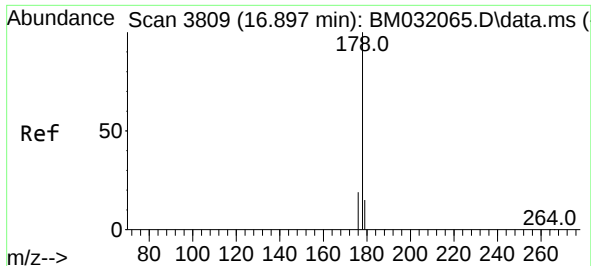


#12
Fluorene
Concen: 2.448 ng/ul
RT: 15.152 min Scan# 3337
Delta R.T. -0.019 min
Lab File: BM032077.D
Acq: 04 Sep 2021 14:47



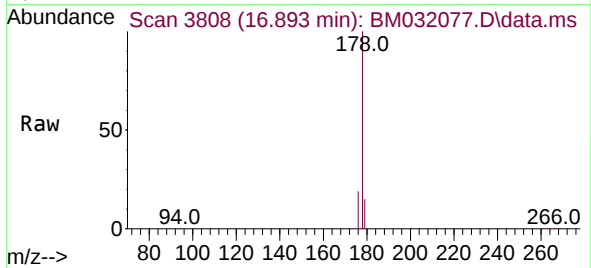
Tgt Ion:166 Resp: 33479
Ion Ratio Lower Upper
166 100
165 101.1 78.3 117.5
167 17.0 12.5 18.7





#15
Phenanthrene
Concen: 29.712 ng/ul
RT: 16.893 min Scan# 3808
Delta R.T. -0.014 min
Lab File: BM032077.D
Acq: 04 Sep 2021 14:47

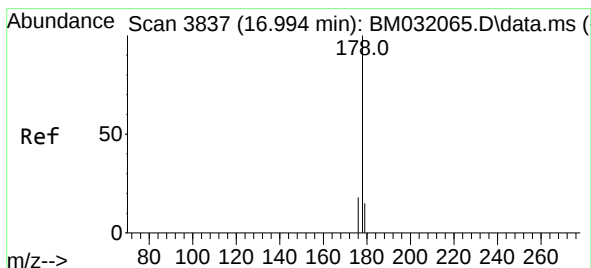
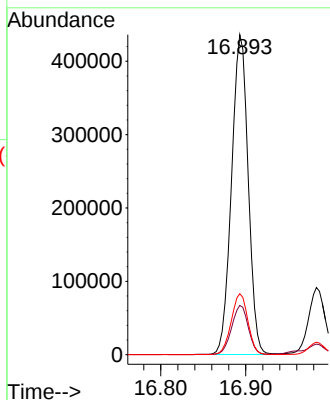
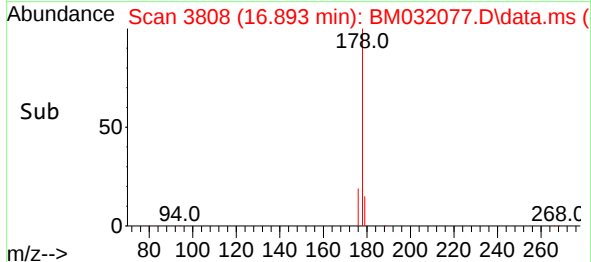
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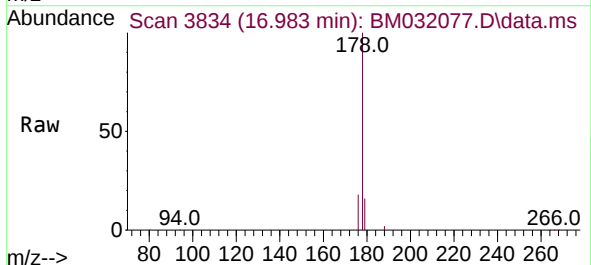
Tgt Ion:178 Resp: 594124
Ion Ratio Lower Upper
178 100
179 15.4 13.3 19.9
176 19.1 16.7 25.1

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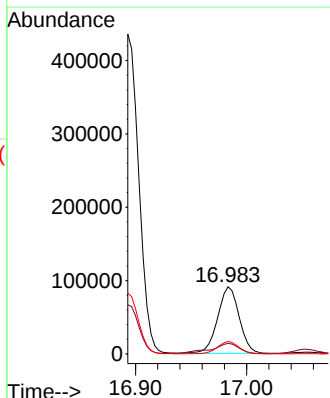
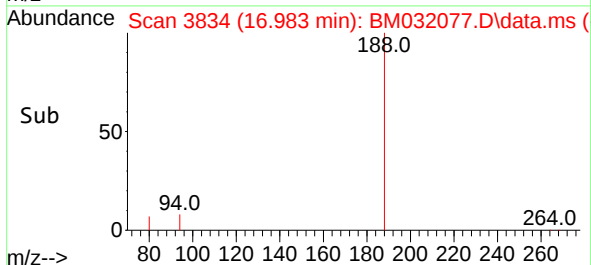
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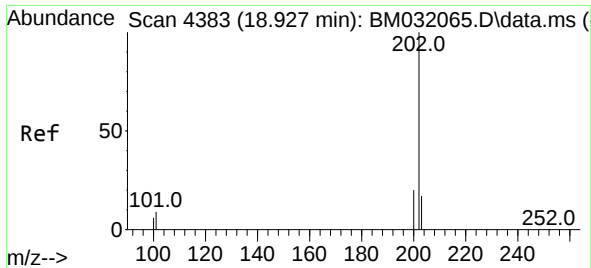


#16
Anthracene
Concen: 6.944 ng/ul
RT: 16.983 min Scan# 3834
Delta R.T. -0.024 min
Lab File: BM032077.D
Acq: 04 Sep 2021 14:47



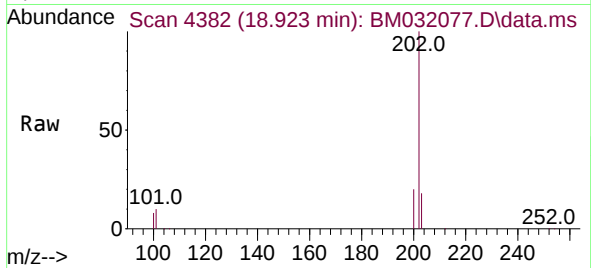
Tgt Ion:178 Resp: 121810
Ion Ratio Lower Upper
178 100
179 15.8 14.3 21.5
176 18.5 15.8 23.8





#19
Fluoranthene
Concen: 41.892 ng/u1
RT: 18.923 min Scan# 4382
Delta R.T. -0.011 min
Lab File: BM032077.D
Acq: 04 Sep 2021 14:47

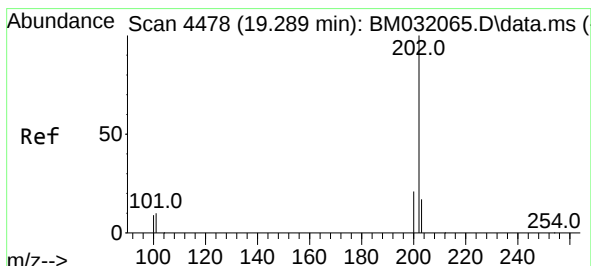
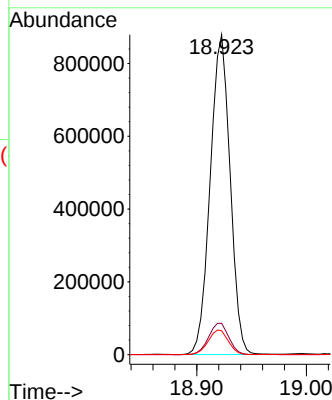
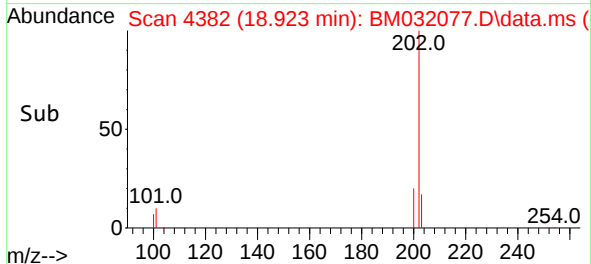
Instrument :
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ClientSampled :
C0AX1



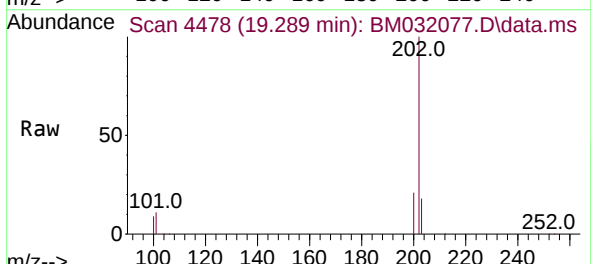
Tgt Ion:202 Resp: 1106474
Ion Ratio Lower Upper
202 100
101 9.8 7.2 10.8
100 7.5 5.8 8.6

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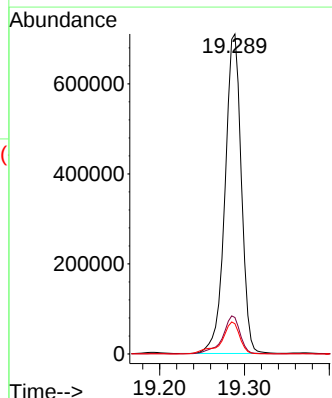
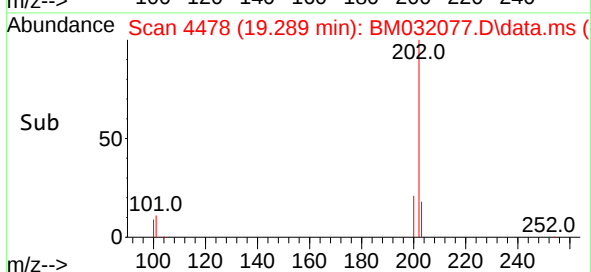
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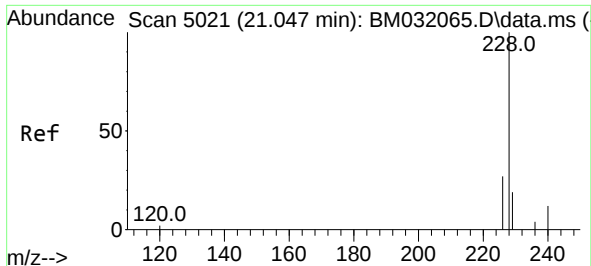


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Pyrene
Concen: 34.707 ng/u1
RT: 19.289 min Scan# 4478
Delta R.T. -0.011 min
Lab File: BM032077.D
Acq: 04 Sep 2021 14:47

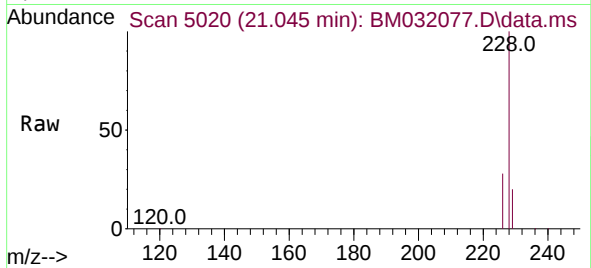


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Ion Ratio Lower Upper
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101 11.4 8.2 12.4
100 9.5 7.0 10.6

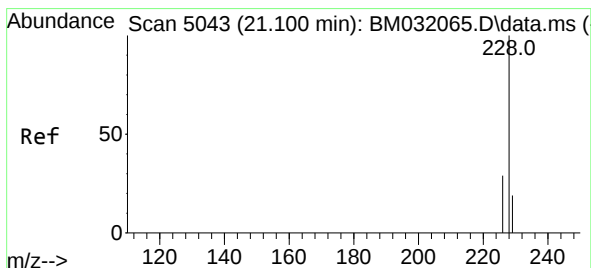
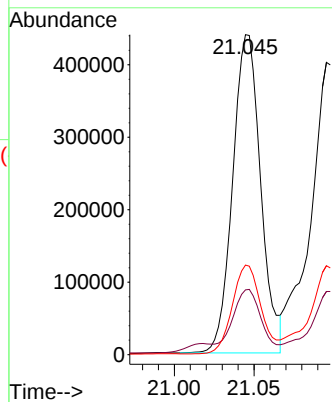
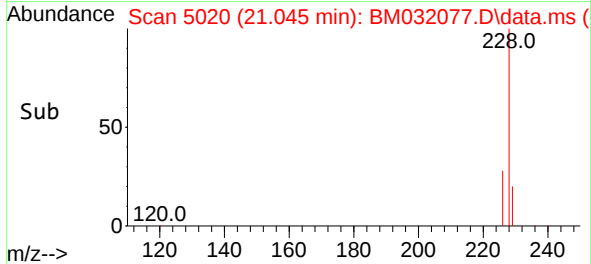




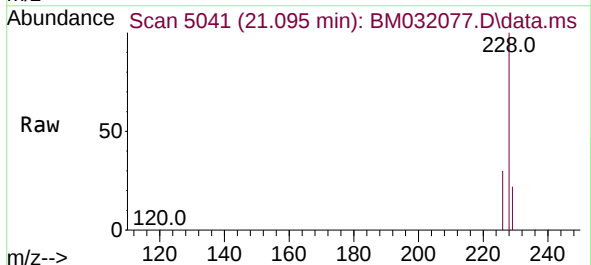
#21
Benzo(a)anthracene
Concen: 24.016 ng/ul
RT: 21.045 min Scan# 5020
Delta R.T. -0.015 min
Lab File: BM032077.D
Acq: 04 Sep 2021 14:47



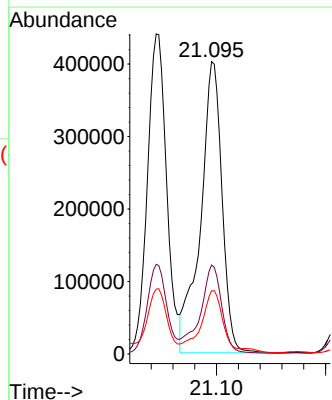
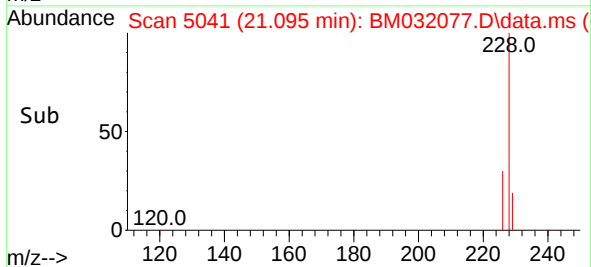
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Ion Ratio Lower Upper
228 100
229 20.3 17.1 25.7
226 28.0 23.1 34.7



#22
Chrysene
Concen: 21.481 ng/ul
RT: 21.095 min Scan# 5041
Delta R.T. -0.015 min
Lab File: BM032077.D
Acq: 04 Sep 2021 14:47



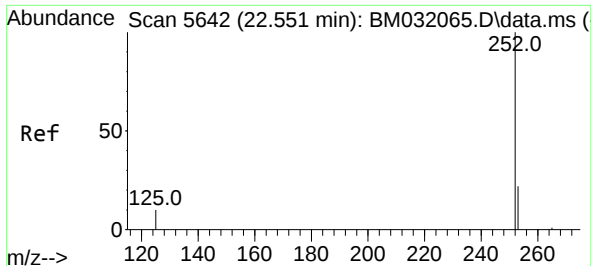
Tgt Ion:228 Resp: 550802
Ion Ratio Lower Upper
228 100
226 30.4 24.2 36.2
229 21.6 16.3 24.5



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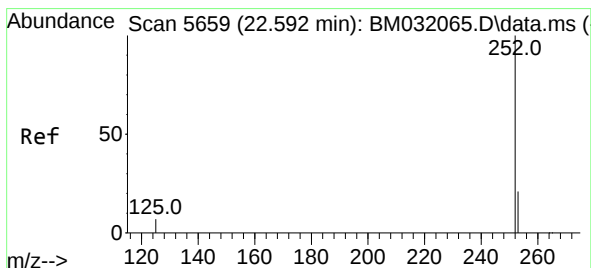
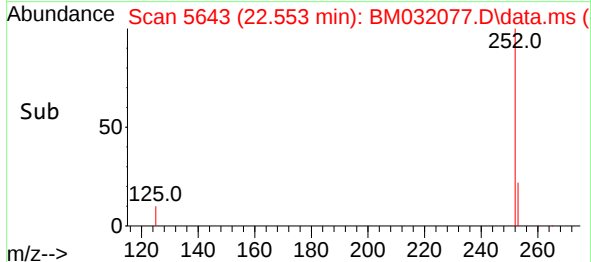
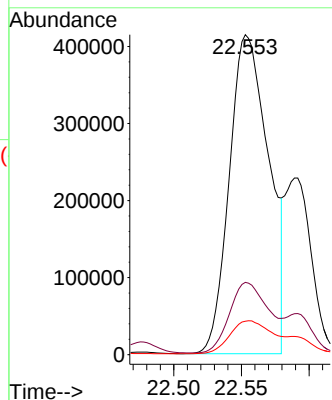
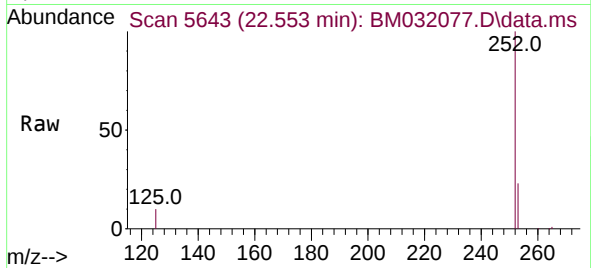
#24
Benzo(b)fluoranthene
Concen: 24.876 ng/ul m
RT: 22.553 min Scan# 5643
Delta R.T. -0.012 min
Lab File: BM032077.D
Acq: 04 Sep 2021 14:47

Tgt Ion:252 Resp: 839642
Ion Ratio Lower Upper
252 100
253 22.6 0.0 61.0
125 10.5 0.0 28.4

Instrument :
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ClientSampled :
C0AX1

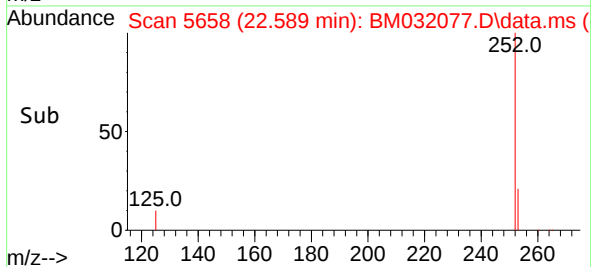
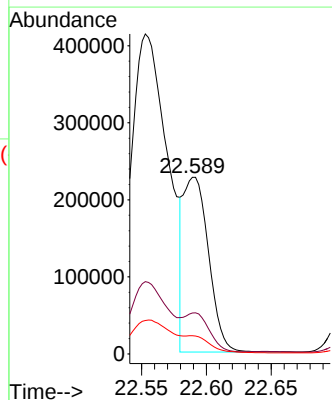
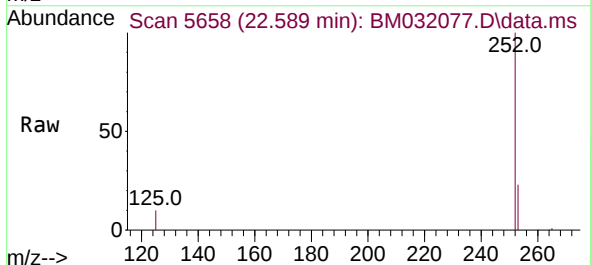
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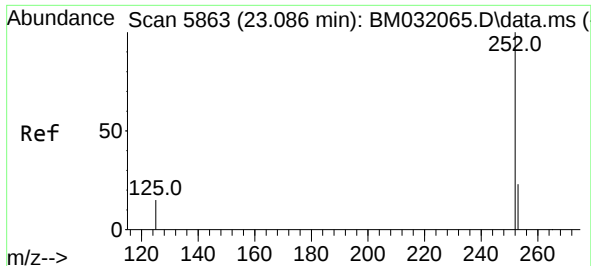
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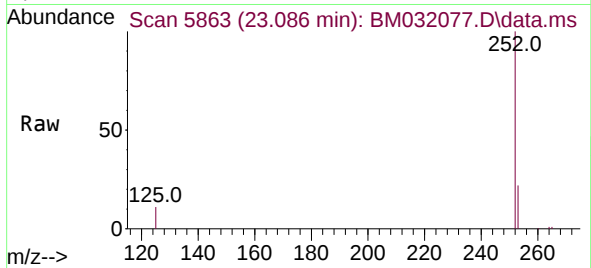
#25
Benzo(k)fluoranthene
Concen: 8.794 ng/ul m
RT: 22.589 min Scan# 5658
Delta R.T. -0.019 min
Lab File: BM032077.D
Acq: 04 Sep 2021 14:47

Tgt Ion:252 Resp: 306172
Ion Ratio Lower Upper
252 100
253 23.2 25.2 37.8#
125 10.3 11.0 16.4#

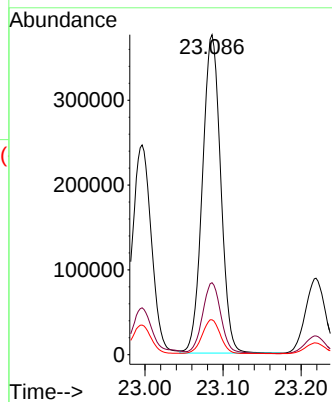
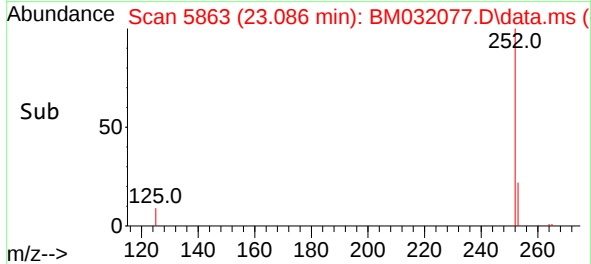




#26
Benzo(a)pyrene
Concen: 20.673 ng/ul
RT: 23.086 min Scan# 5863
Delta R.T. -0.019 min
Lab File: BM032077.D
Acq: 04 Sep 2021 14:47



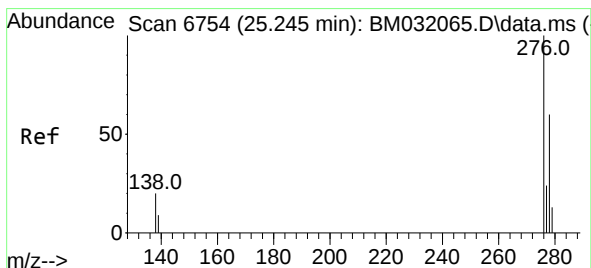
Tgt Ion:252 Resp: 609772
Ion Ratio Lower Upper
252 100
253 22.5 28.8 43.2#
125 10.9 13.9 20.9#



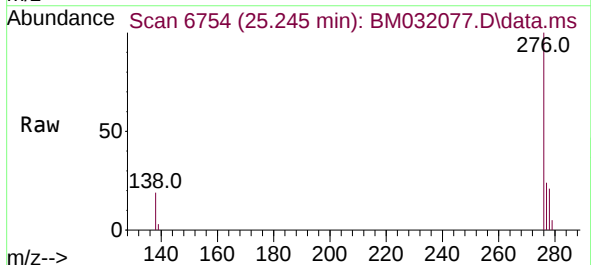
Instrument :
BNA_M
ClientSampleId :
C0AX1

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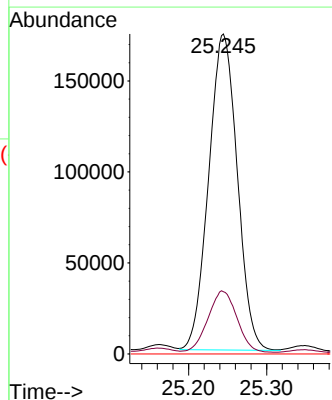
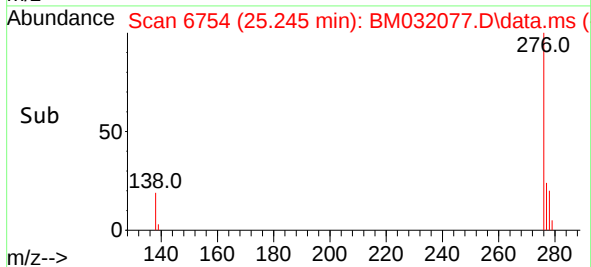
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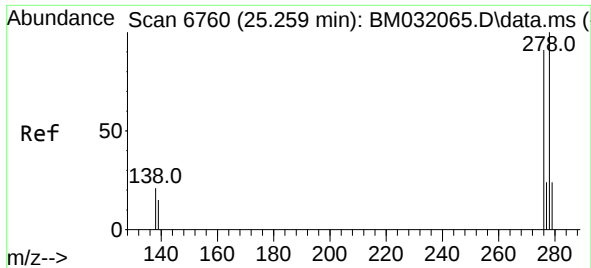


#27
Indeno(1,2,3-cd)pyrene
Concen: 10.996 ng/ul
RT: 25.245 min Scan# 6754
Delta R.T. -0.027 min
Lab File: BM032077.D
Acq: 04 Sep 2021 14:47



Tgt Ion:276 Resp: 441834
Ion Ratio Lower Upper
276 100
138 19.8 14.1 21.1
227 0.0 0.0 0.0





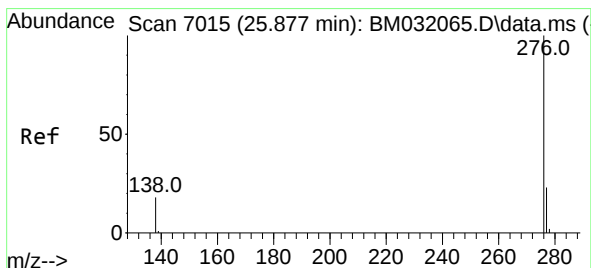
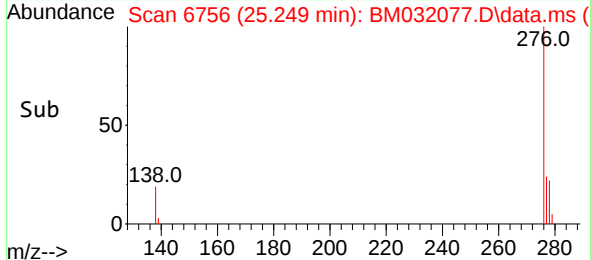
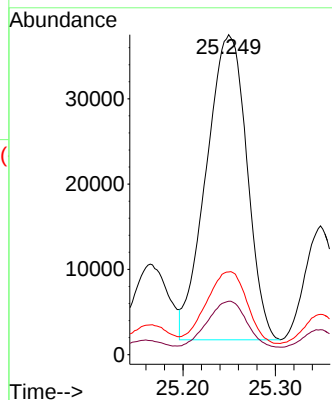
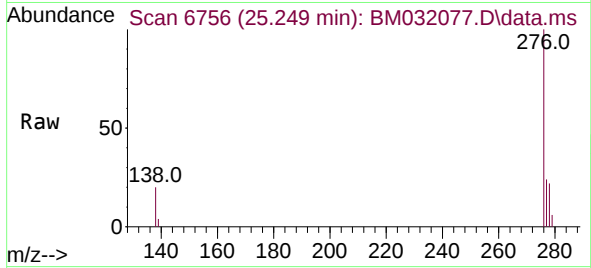
#28
Dibenzo(a,h)anthracene
Concen: 3.382 ng/ul m
RT: 25.249 min Scan# 6756
Delta R.T. -0.036 min
Lab File: BM032077.D
Acq: 04 Sep 2021 14:47

Tgt Ion:278 Resp: 109241
Ion Ratio Lower Upper
278 100
139 16.7 13.4 20.0
279 25.9 27.2 40.8#

Instrument :
BNA_M
ClientSampleId :
C0AX1

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#29
Benzo(g,h,i)perylene
Concen: 11.392 ng/ul
RT: 25.877 min Scan# 7015
Delta R.T. -0.027 min
Lab File: BM032077.D
Acq: 04 Sep 2021 14:47

Tgt Ion:276 Resp: 407375
Ion Ratio Lower Upper
276 100
138 19.9 14.5 21.7
277 24.1 21.2 31.8

