

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM090321\
 Data File : BM032067.D
 Acq On : 04 Sep 2021 08:39
 Operator : CG/JU
 Sample : M3486-12
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AY9

Manual Integrations
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mohammad
 9/7/2021 11:38:12 AM

Quant Time: Sep 06 01:27:16 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	1545	0.400	ng/ul	0.00
4) Naphthalene-d8	10.207	136	5165	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.094	164	3189	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.851	188	5915	0.400	ng/ul	-0.01
17) Chrysene-d12	21.059	240	5074	0.400	ng/ul	-0.01
23) Perylene-d12	23.170	264	5459	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.064	96	3979	2.345	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.803	152	1247	0.156	ng/ul	-0.02
18) Fluoranthene-d10	18.888	212	2510	0.169	ng/ul	-0.02
Target Compounds						
					Qvalue	
5) Naphthalene	10.252	128	40480	2.954	ng/ul	95
7) 2-Methylnaphthalene	11.875	142	27558	2.882	ng/ul	99
8) 1-Methylnaphthalene	12.100	142	20637	2.192	ng/ul	98
10) Acenaphthylene	13.814	152	6877	0.534	ng/ul	100
11) Acenaphthene	14.159	153	899m	0.085	ng/ul	
12) Fluorene	15.156	166	1246	0.102	ng/ul#	75
15) Phenanthrene	16.893	178	26101	1.450	ng/ul	97
16) Anthracene	16.986	178	10190	0.645	ng/ul	99
19) Fluoranthene	18.919	202	68573	3.127	ng/ul	100
20) Pyrene	19.285	202	67108	2.969	ng/ul	99
21) Benzo(a)anthracene	21.044	228	40247	2.171	ng/ul	99
22) Chrysene	21.095	228	54827	2.575	ng/ul	99
24) Benzo(b)fluoranthene	22.548	252	109256m	4.353	ng/ul	
25) Benzo(k)fluoranthene	22.586	252	34696m	1.340	ng/ul	
26) Benzo(a)pyrene	23.078	252	57695	2.631	ng/ul#	82
27) Indeno(1,2,3-cd)pyrene	25.237	276	60806	2.035	ng/ul#	96
28) Dibenzo(a,h)anthracene	25.242	278	14702	0.612	ng/ul	94
29) Benzo(g,h,i)perylene	25.872	276	52035	1.957	ng/ul	96

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

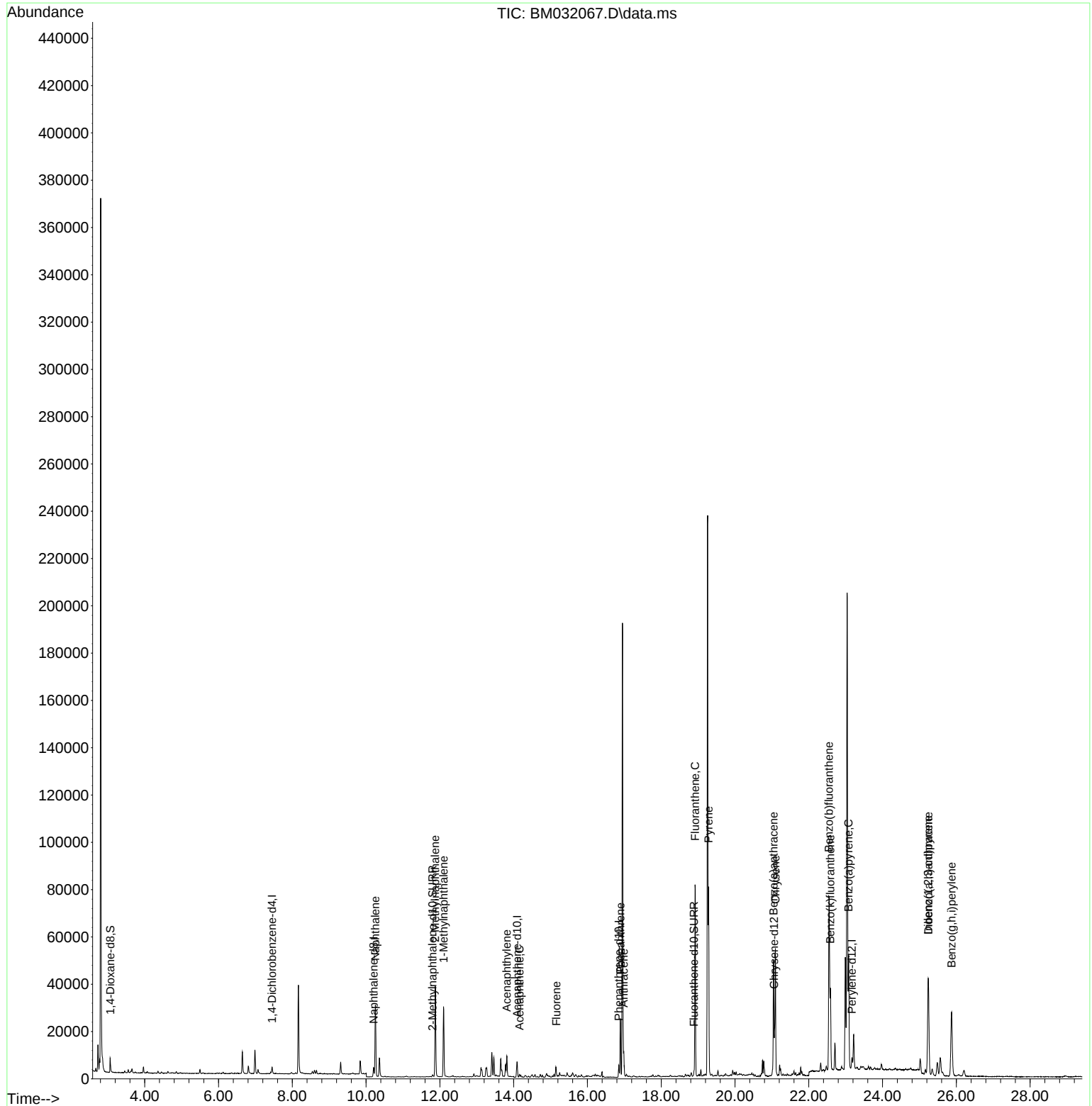
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Data File : BM032067.D
Acq On : 04 Sep 2021 08:39
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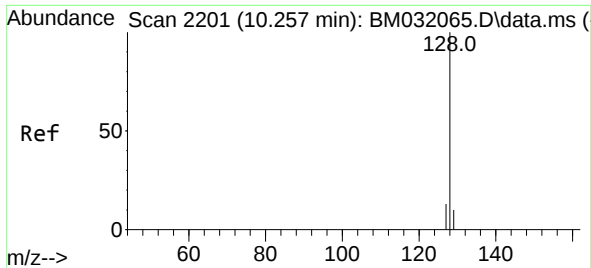
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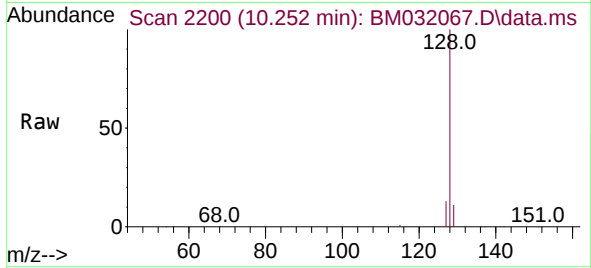
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Quant Time: Sep 06 01:27:16 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM090321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 03 16:21:27 2021
Response via : Initial Calibration

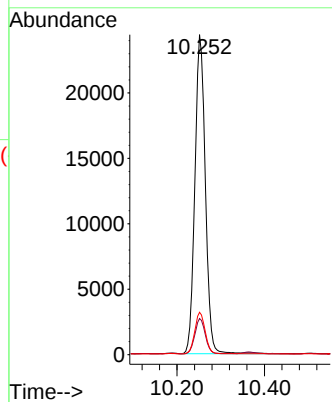
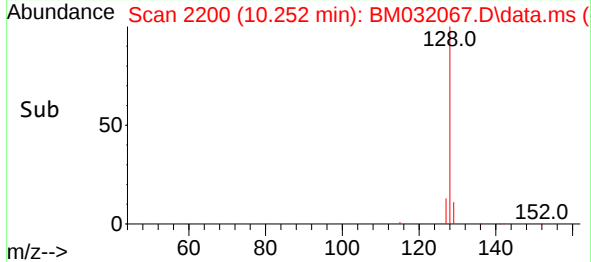




#5
Naphthalene
Concen: 2.954 ng/ul
RT: 10.252 min Scan# 2200
Delta R.T. -0.019 min
Lab File: BM032067.D
Acq: 04 Sep 2021 08:39



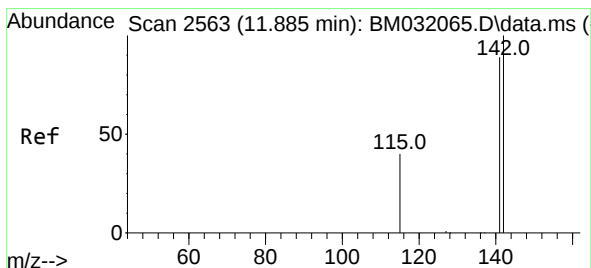
Tgt Ion:128 Resp: 40480
Ion Ratio Lower Upper
128 100
129 11.3 10.9 16.3
127 13.3 12.4 18.6



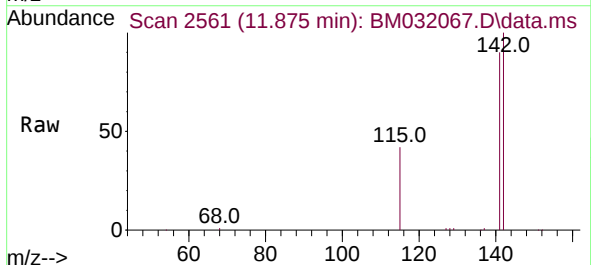
Instrument :
BNA_M
ClientSampleId :
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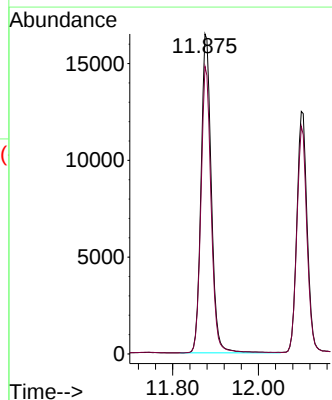
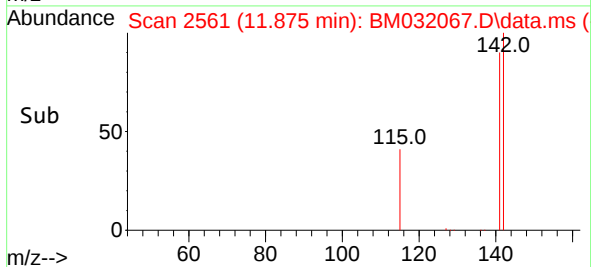
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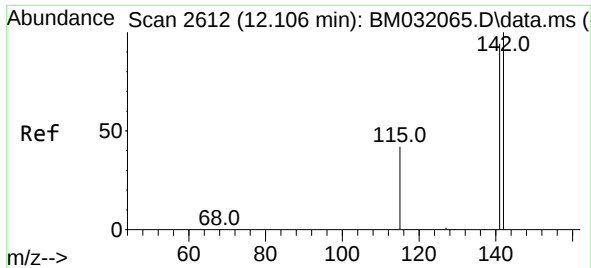


#7
2-Methylnaphthalene
Concen: 2.882 ng/ul
RT: 11.875 min Scan# 2561
Delta R.T. -0.024 min
Lab File: BM032067.D
Acq: 04 Sep 2021 08:39



Tgt Ion:142 Resp: 27558
Ion Ratio Lower Upper
142 100
141 89.0 70.3 105.5





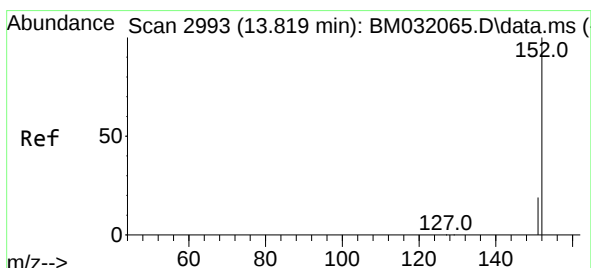
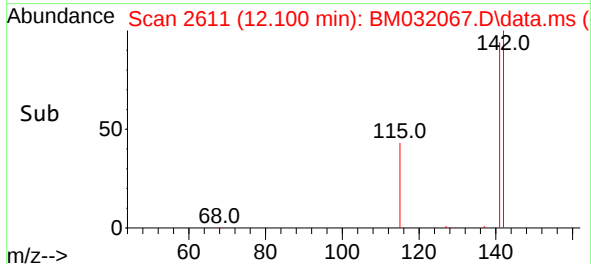
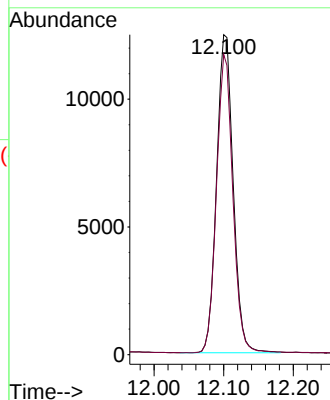
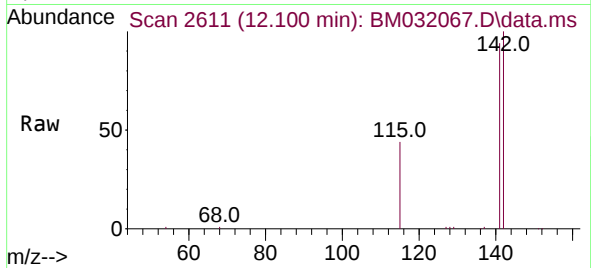
#8
1-Methylnaphthalene
Concen: 2.192 ng/ul
RT: 12.100 min Scan# 2611
Delta R.T. -0.014 min
Lab File: BM032067.D
Acq: 04 Sep 2021 08:39

Tgt Ion:142 Resp: 20637
Ion Ratio Lower Upper
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141 92.4 72.2 108.2

Instrument :
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ClientSampled :
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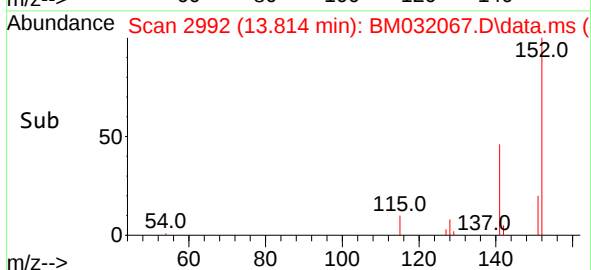
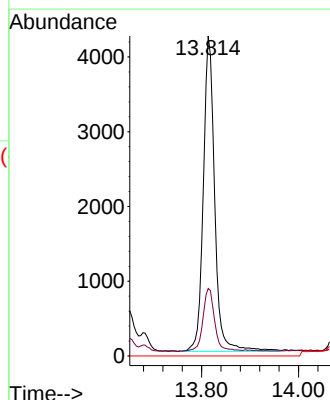
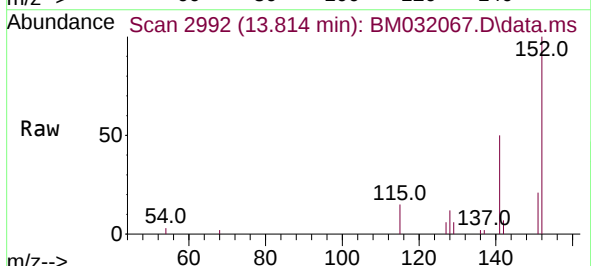
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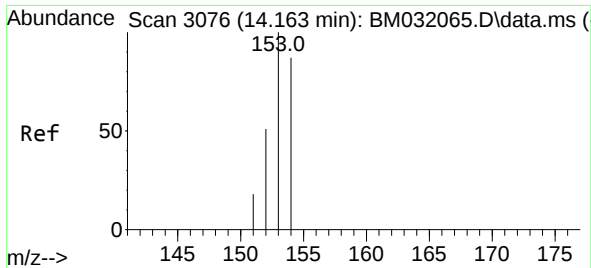
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#10
Acenaphthylene
Concen: 0.534 ng/ul
RT: 13.814 min Scan# 2992
Delta R.T. -0.010 min
Lab File: BM032067.D
Acq: 04 Sep 2021 08:39

Tgt Ion:152 Resp: 6877
Ion Ratio Lower Upper
152 100
151 21.1 17.0 25.4
153 0.0 0.0 0.0





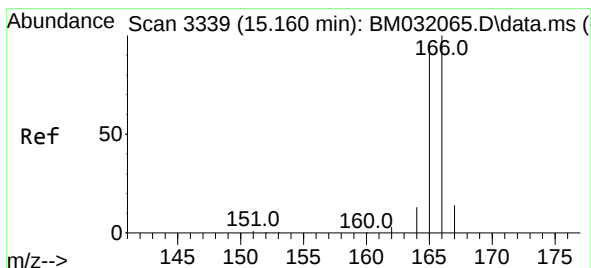
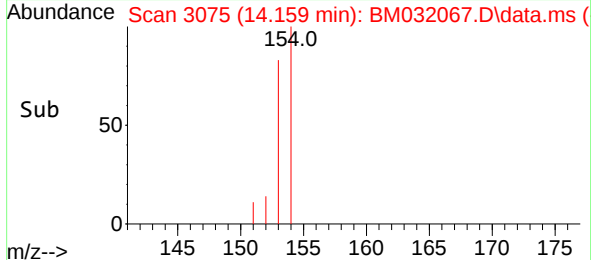
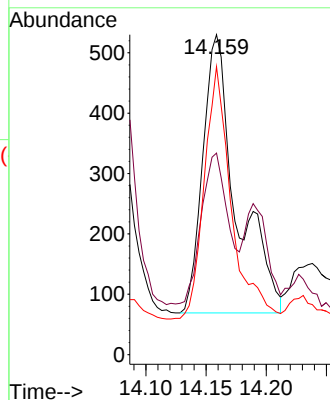
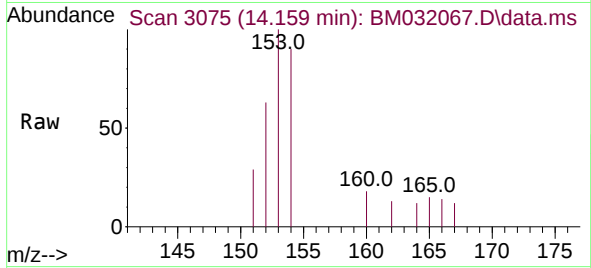
#11
Acenaphthene
Concen: 0.085 ng/ul m
RT: 14.159 min Scan# 3075
Delta R.T. -0.008 min
Lab File: BM032067.D
Acq: 04 Sep 2021 08:39

Tgt Ion:153 Resp: 899
Ion Ratio Lower Upper
153 100
152 63.0 41.0 61.4#
154 90.0 70.5 105.7

Instrument :
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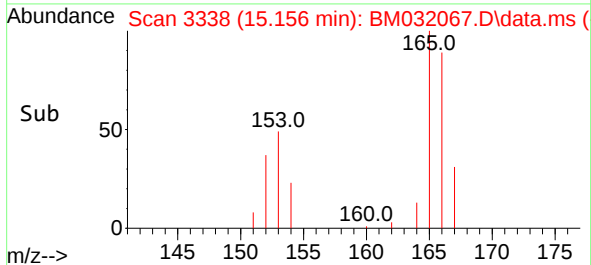
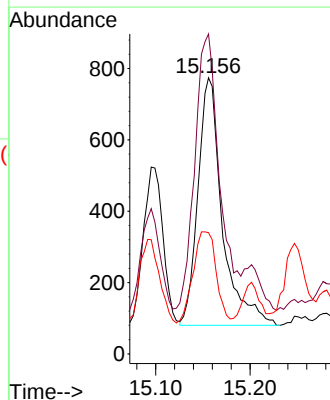
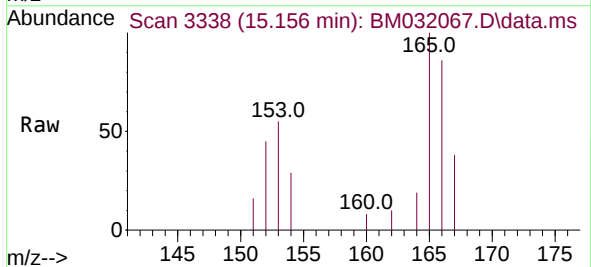
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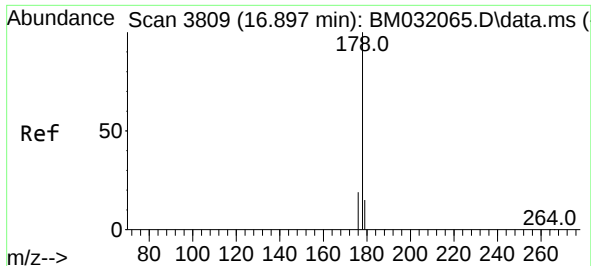
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#12
Fluorene
Concen: 0.102 ng/ul
RT: 15.156 min Scan# 3338
Delta R.T. -0.015 min
Lab File: BM032067.D
Acq: 04 Sep 2021 08:39

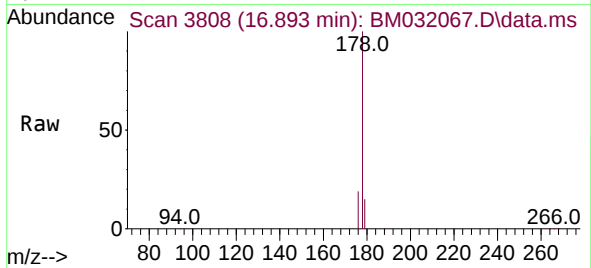
Tgt Ion:166 Resp: 1246
Ion Ratio Lower Upper
166 100
165 115.9 78.3 117.5
167 43.9 12.5 18.7#





#15
Phenanthrene
Concen: 1.450 ng/ul
RT: 16.893 min Scan# 3808
Delta R.T. -0.014 min
Lab File: BM032067.D
Acq: 04 Sep 2021 08:39

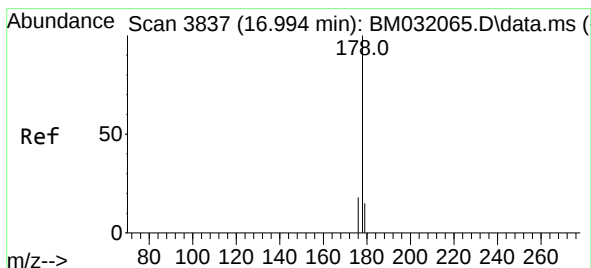
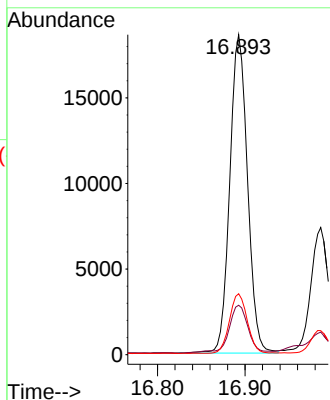
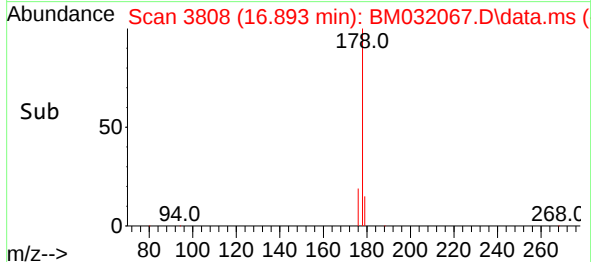
Instrument :
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ClientSampled :
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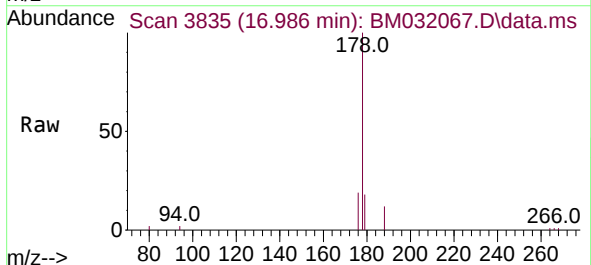
Tgt Ion:178 Resp: 26101
Ion Ratio Lower Upper
178 100
179 15.5 13.3 19.9
176 19.0 16.7 25.1

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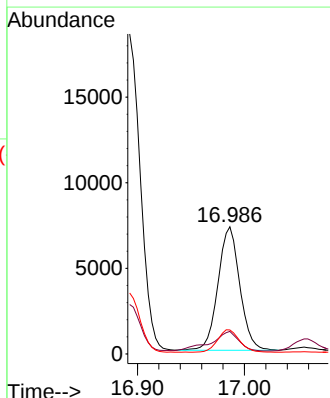
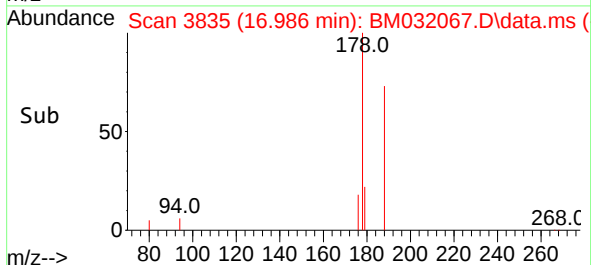
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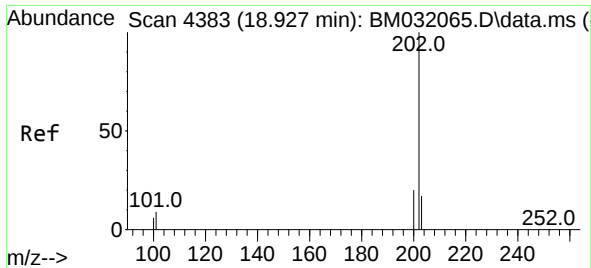


#16
Anthracene
Concen: 0.645 ng/ul
RT: 16.986 min Scan# 3835
Delta R.T. -0.021 min
Lab File: BM032067.D
Acq: 04 Sep 2021 08:39

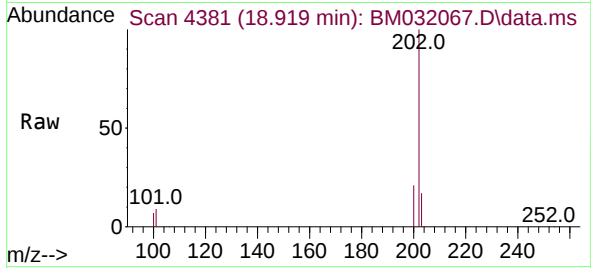


Tgt Ion:178 Resp: 10190
Ion Ratio Lower Upper
178 100
179 17.7 14.3 21.5
176 18.9 15.8 23.8

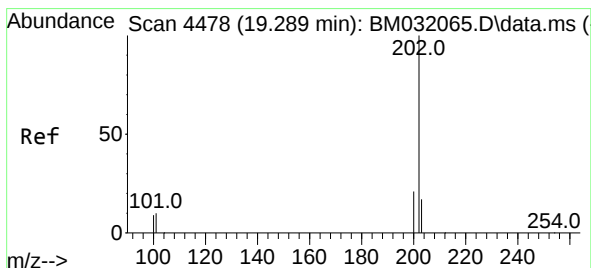
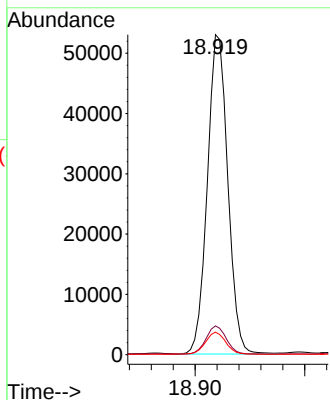
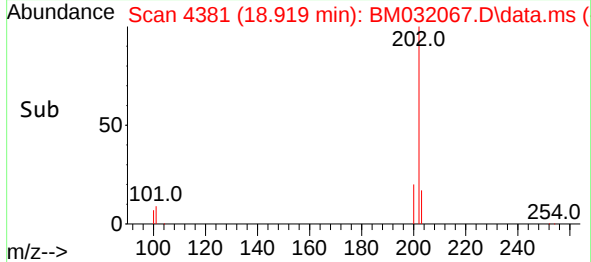




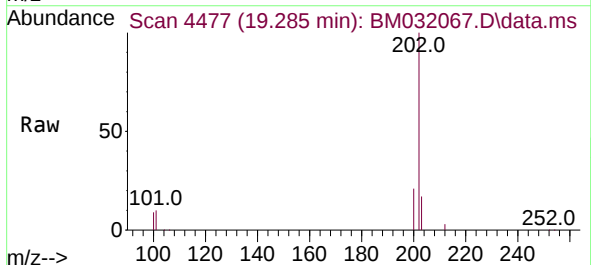
#19
Fluoranthene
Concen: 3.127 ng/ul
RT: 18.919 min Scan# 4381
Delta R.T. -0.016 min
Lab File: BM032067.D
Acq: 04 Sep 2021 08:39



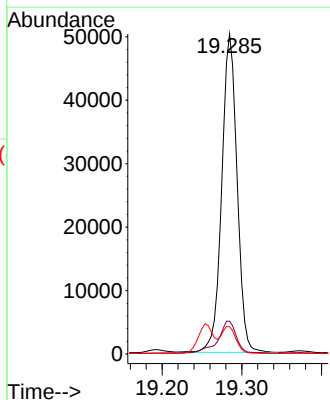
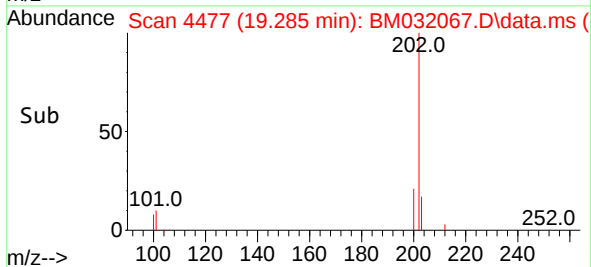
Tgt Ion:202 Resp: 68573
Ion Ratio Lower Upper
202 100
101 9.0 7.2 10.8
100 7.0 5.8 8.6



#20
Pyrene
Concen: 2.969 ng/ul
RT: 19.285 min Scan# 4477
Delta R.T. -0.016 min
Lab File: BM032067.D
Acq: 04 Sep 2021 08:39



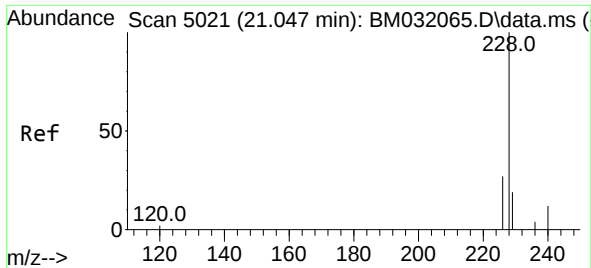
Tgt Ion:202 Resp: 67108
Ion Ratio Lower Upper
202 100
101 10.2 8.2 12.4
100 8.5 7.0 10.6



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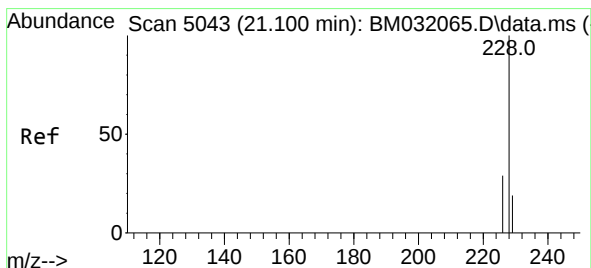
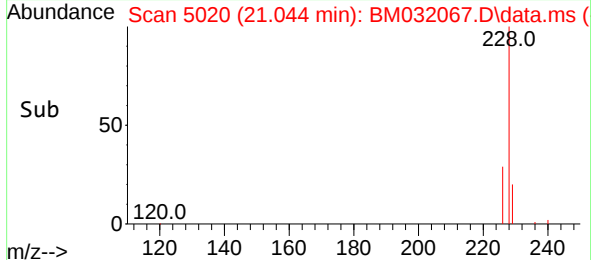
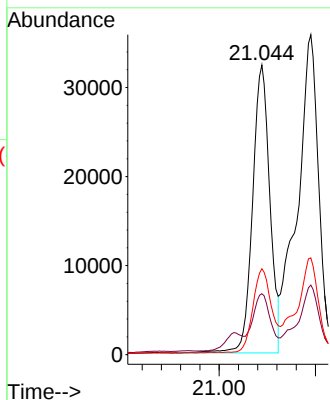
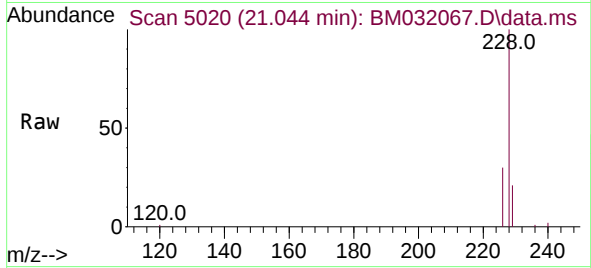
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Benzo(a)anthracene
Concen: 2.171 ng/u1
RT: 21.044 min Scan# 5020
Delta R.T. -0.015 min
Lab File: BM032067.D
Acq: 04 Sep 2021 08:39

Tgt Ion:228	Resp:	40247
Ion Ratio	Lower	Upper
228	100	
229	21.0	17.1 25.7
226	29.7	23.1 34.7

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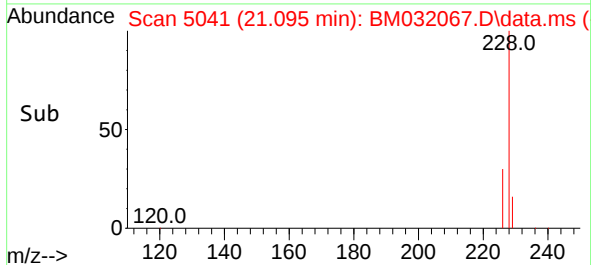
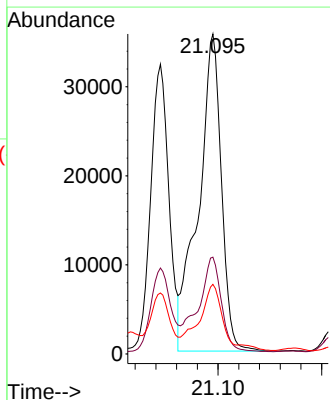
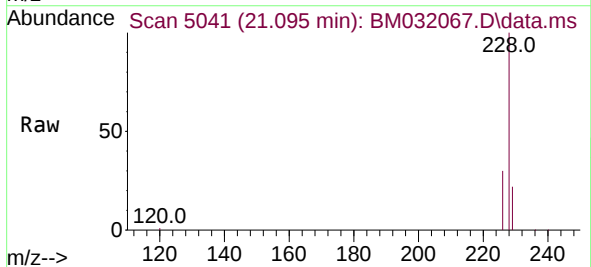
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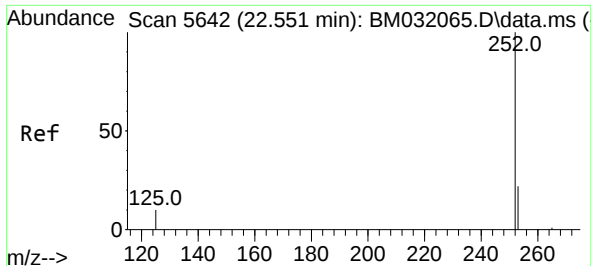
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#22
Chrysene
Concen: 2.575 ng/u1
RT: 21.095 min Scan# 5041
Delta R.T. -0.015 min
Lab File: BM032067.D
Acq: 04 Sep 2021 08:39

Tgt Ion:228	Resp:	54827
Ion Ratio	Lower	Upper
228	100	
226	30.3	24.2 36.2
229	21.8	16.3 24.5





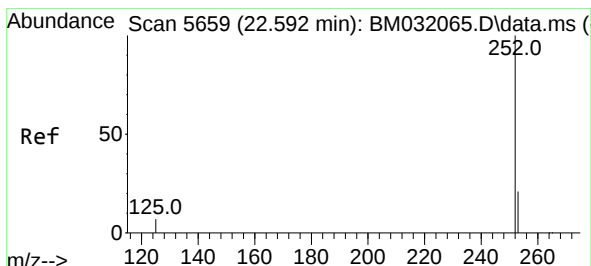
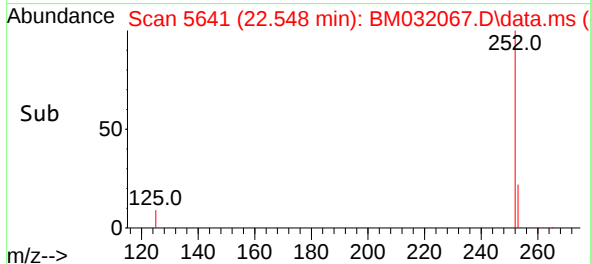
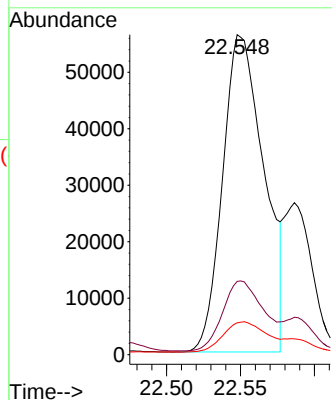
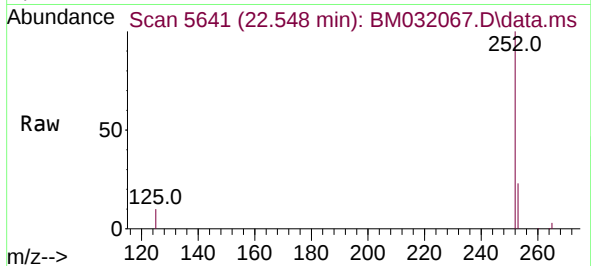
#24
Benzo(b)fluoranthene
Concen: 4.353 ng/ul m
RT: 22.548 min Scan# 5641
Delta R.T. -0.017 min
Lab File: BM032067.D
Acq: 04 Sep 2021 08:39

Tgt Ion:252 Resp: 109256
Ion Ratio Lower Upper
252 100
253 22.9 0.0 61.0
125 9.9 0.0 28.4

Instrument :
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ClientSampled :
C0AY9

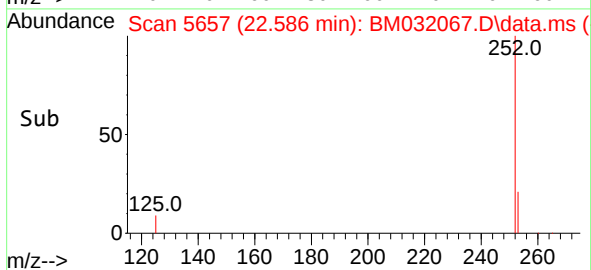
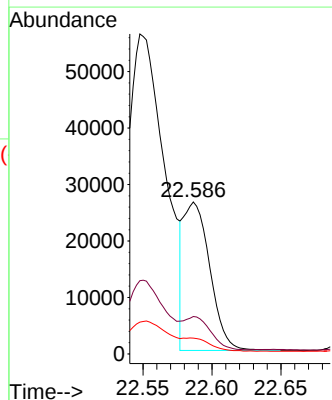
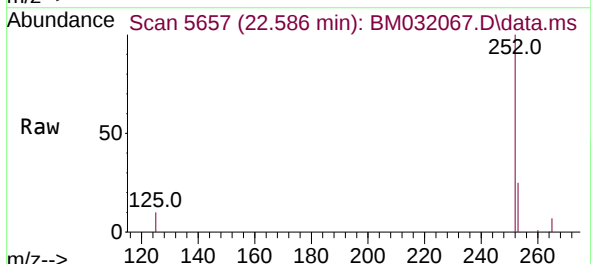
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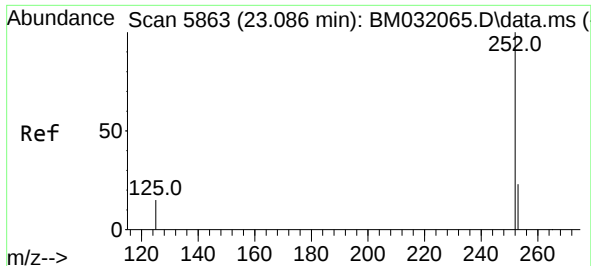
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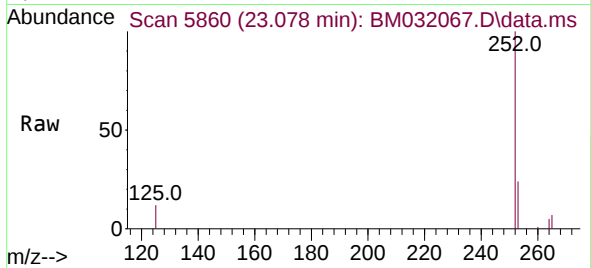
#25
Benzo(k)fluoranthene
Concen: 1.340 ng/ul m
RT: 22.586 min Scan# 5657
Delta R.T. -0.022 min
Lab File: BM032067.D
Acq: 04 Sep 2021 08:39

Tgt Ion:252 Resp: 34696
Ion Ratio Lower Upper
252 100
253 24.6 25.2 37.8#
125 10.4 11.0 16.4#

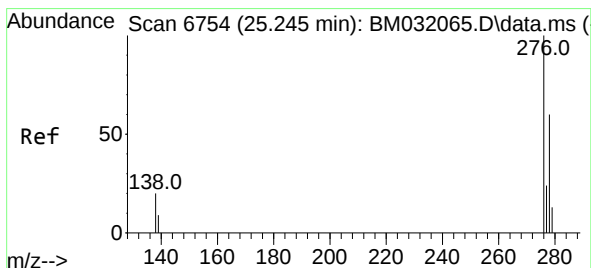
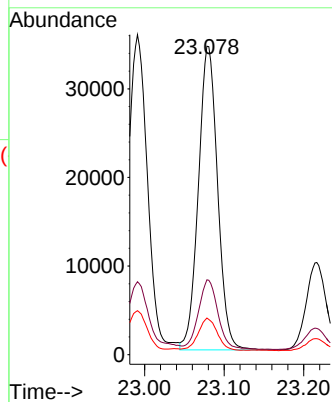
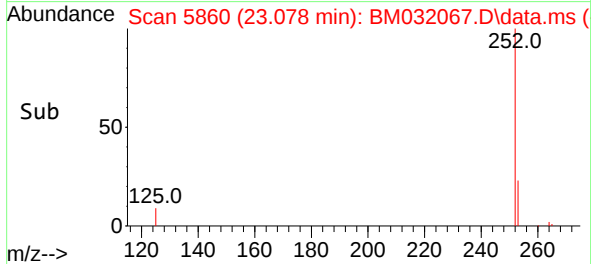




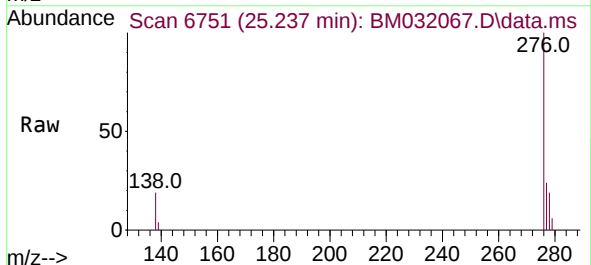
#26
Benzo(a)pyrene
Concen: 2.631 ng/ul
RT: 23.078 min Scan# 5860
Delta R.T. -0.027 min
Lab File: BM032067.D
Acq: 04 Sep 2021 08:39



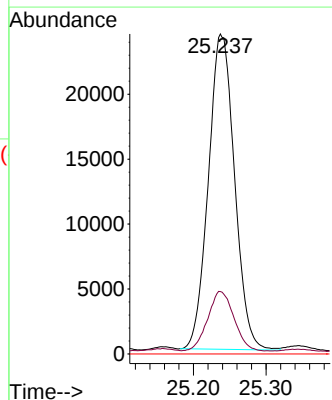
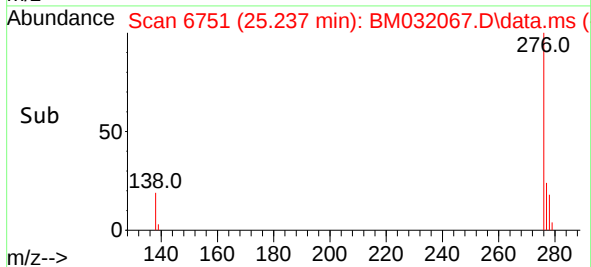
Tgt Ion:252 Resp: 57695
Ion Ratio Lower Upper
252 100
253 24.3 28.8 43.2#
125 11.9 13.9 20.9#



#27
Indeno(1,2,3-cd)pyrene
Concen: 2.035 ng/ul
RT: 25.237 min Scan# 6751
Delta R.T. -0.034 min
Lab File: BM032067.D
Acq: 04 Sep 2021 08:39



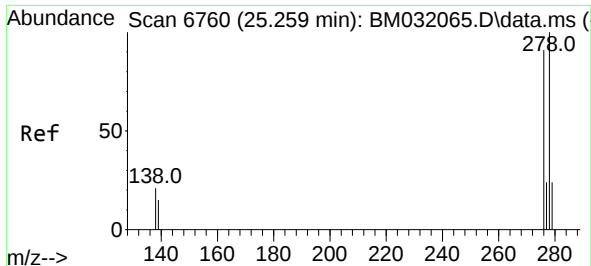
Tgt Ion:276 Resp: 60806
Ion Ratio Lower Upper
276 100
138 19.4 14.1 21.1
227 0.0 0.0 0.0



Instrument :
BNA_M
ClientSampleId :
C0AY9

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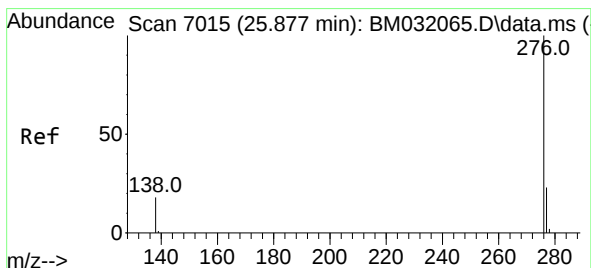
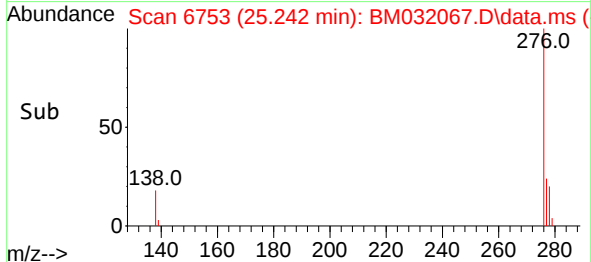
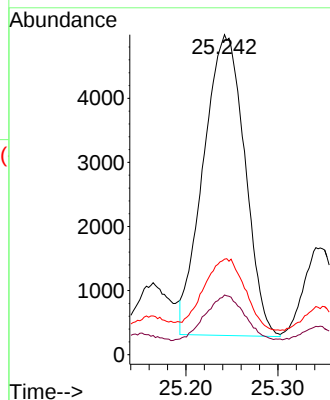
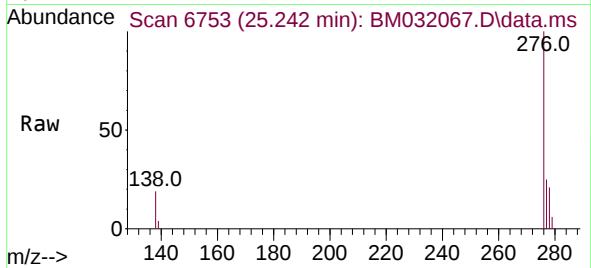
#28
Dibenzo(a,h)anthracene
Concen: 0.612 ng/ul
RT: 25.242 min Scan# 6753
Delta R.T. -0.044 min
Lab File: BM032067.D
Acq: 04 Sep 2021 08:39

Tgt Ion	Ratio	Lower	Upper
278	100		
139	18.6	13.4	20.0
279	29.8	27.2	40.8

Instrument :
BNA_M
ClientSampled :
C0AY9

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#29
Benzo(g,h,i)perylene
Concen: 1.957 ng/ul
RT: 25.872 min Scan# 7013
Delta R.T. -0.032 min
Lab File: BM032067.D
Acq: 04 Sep 2021 08:39

Tgt Ion	Ratio	Lower	Upper
276	100		
138	19.6	14.5	21.7
277	23.9	21.2	31.8

