

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070821\
 Data File : BM030882.D
 Acq On : 08 Jul 2021 13:26
 Operator : CG/JU
 Sample : M2825-06
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BGDR0

Manual Integrations
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Quant Time: Jul 08 13:57:09 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 : Thu Jul 08 10:44:22 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.767	152	2365	0.400	ng/ul	0.00
4) Naphthalene-d8	10.550	136	9481	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.390	164	5502	0.400	ng/ul	-0.02
13) Phenanthrene-d10	17.131	188	9936	0.400	ng/ul	-0.02
17) Chrysene-d12	21.302	240	7111	0.400	ng/ul	-0.01
23) Perylene-d12	23.549	264	6289	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.265	96	2970	1.152	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.146	152	2662	0.179	ng/ul	0.00
18) Fluoranthene-d10	19.153	212	4869	0.239	ng/ul	-0.02
Target Compounds						
						Qvalue
5) Naphthalene	10.595	128	22330	0.827	ng/ul	99
7) 2-Methylnaphthalene	12.218	142	4071	0.224	ng/ul	100
8) 1-Methylnaphthalene	12.434	142	2684	0.152	ng/ul	99
10) Acenaphthylene	14.114	152	21685	0.883	ng/ul	98
11) Acenaphthene	14.455	153	48278	2.426	ng/ul	98
12) Fluorene	15.441	166	48794	2.223	ng/ul	99
15) Phenanthrene	17.173	178	576992	17.274	ng/ul	99
16) Anthracene	17.263	178	293088	10.019	ng/ul	99
19) Fluoranthene	19.188	202	937952	29.884	ng/ul	97
20) Pyrene	19.546	202	692628	21.946	ng/ul	99
21) Benzo(a)anthracene	21.287	228	402354	14.194	ng/ul	97
22) Chrysene	21.340	228	344632	10.853	ng/ul	98
24) Benzo(b)fluoranthene	22.876	252	382393m	13.728	ng/ul	
25) Benzo(k)fluoranthene	22.914	252	158420m	5.516	ng/ul	
26) Benzo(a)pyrene	23.447	252	253056	10.681	ng/ul#	89
27) Indeno(1,2,3-cd)pyrene	25.812	276	158835	5.146	ng/ul#	92
28) Dibenzo(a,h)anthracene	25.814	278	44953	1.815	ng/ul	96
29) Benzo(g,h,i)perylene	26.505	276	16754	0.625	ng/ul	95

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

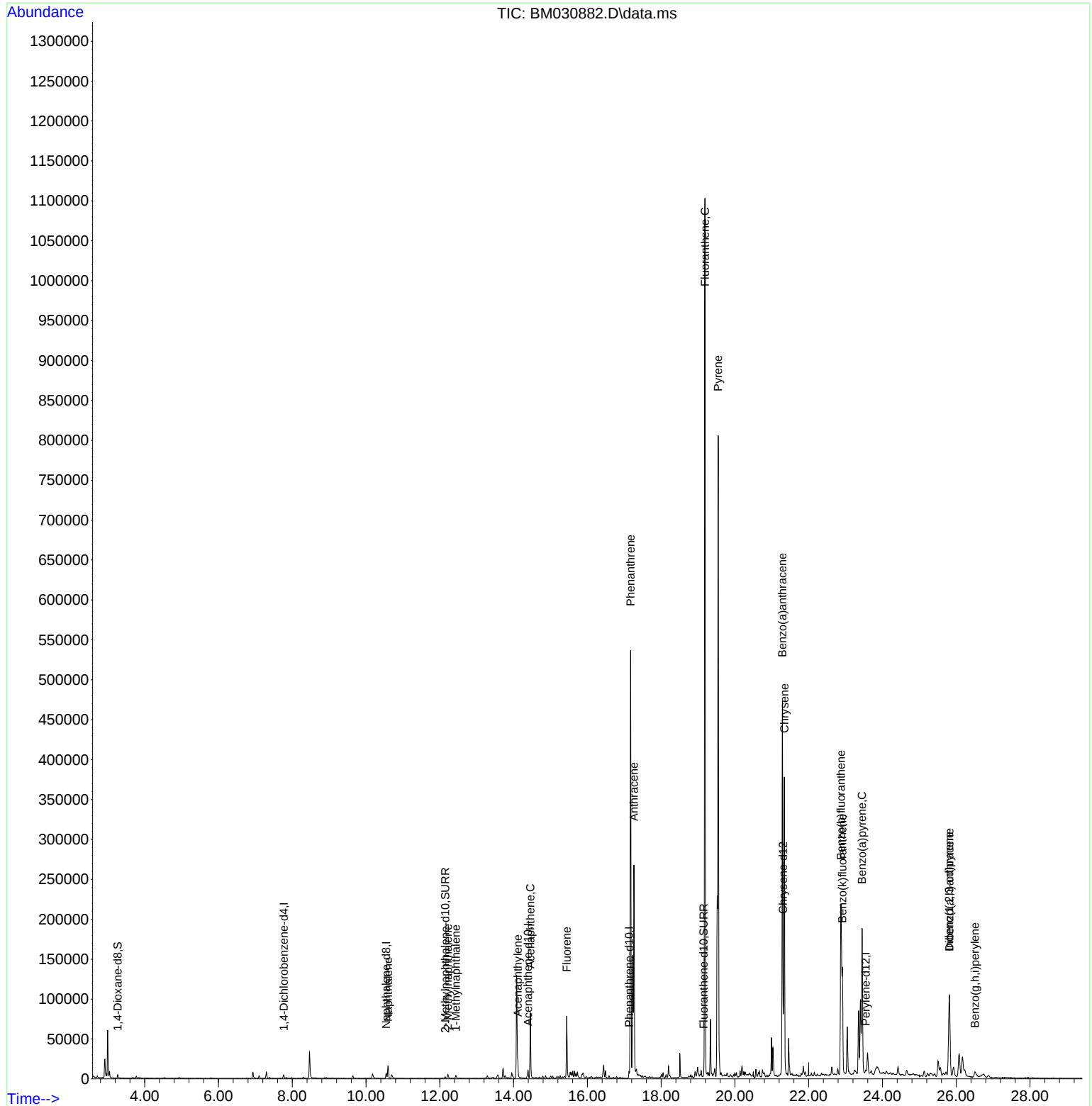
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070821\
Data File : BM030882.D
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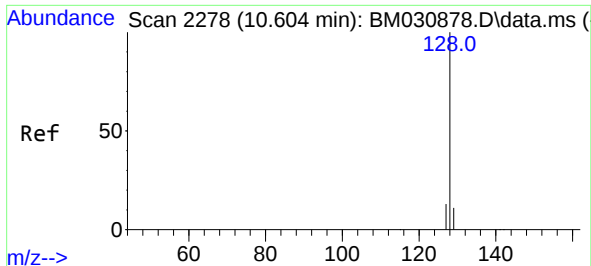
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Quant Time: Jul 08 13:57:09 2021
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QLast Update : Thu Jul 08 10:44:22 2021
Response via : Initial Calibration





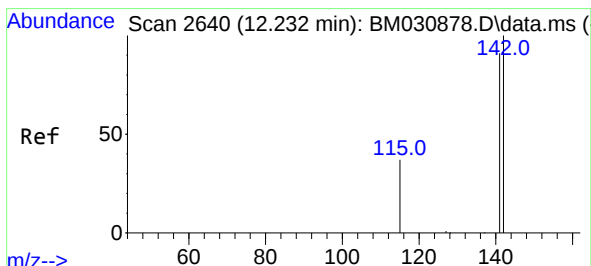
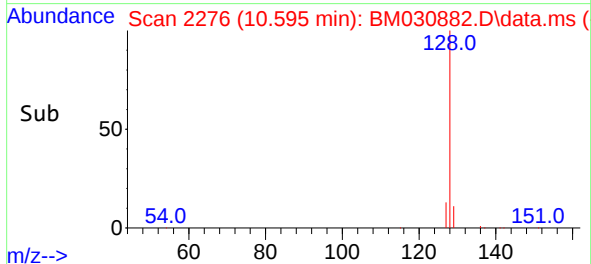
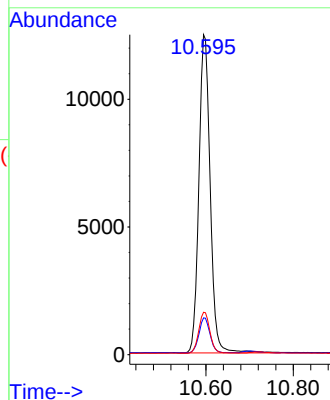
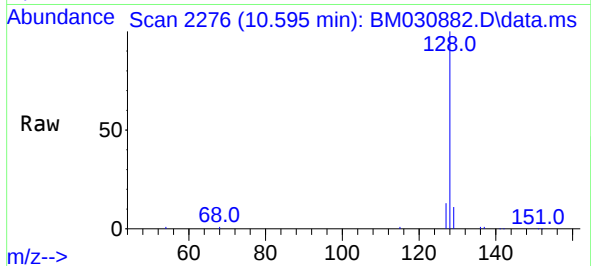
#5
Naphthalene
Concen: 0.827 ng/ul
RT: 10.595 min Scan# 2276
Delta R.T. -0.009 min
Lab File: BM030882.D
Acq: 08 Jul 2021 13:26

Tgt Ion:128 Resp: 22330
Ion Ratio Lower Upper
128 100
129 11.5 9.0 13.6
127 13.3 10.9 16.3

Instrument :
BNA_M
ClientSampleId :
BGDR0

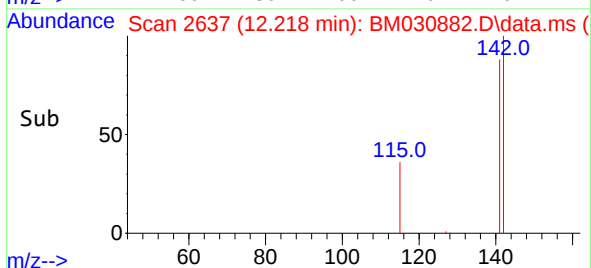
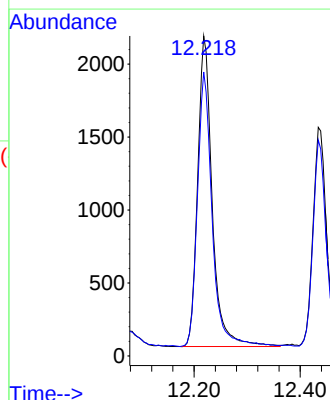
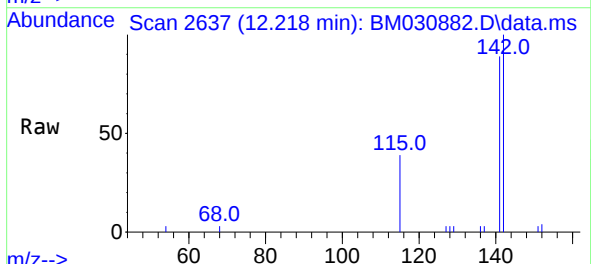
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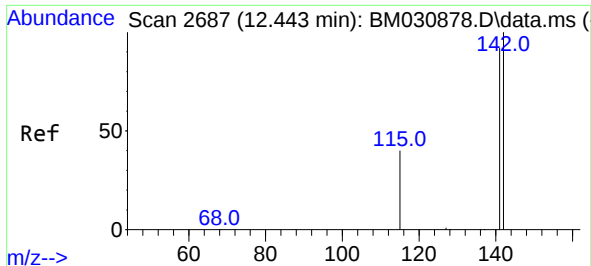
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#7
2-Methylnaphthalene
Concen: 0.224 ng/ul
RT: 12.218 min Scan# 2637
Delta R.T. -0.013 min
Lab File: BM030882.D
Acq: 08 Jul 2021 13:26

Tgt Ion:142 Resp: 4071
Ion Ratio Lower Upper
142 100
141 89.4 71.4 107.0





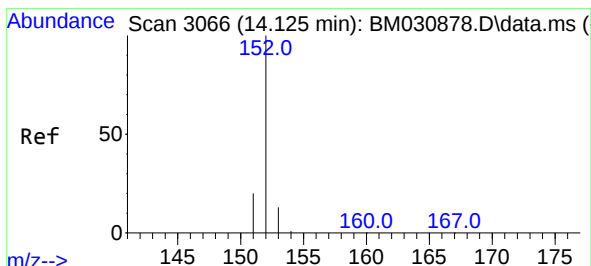
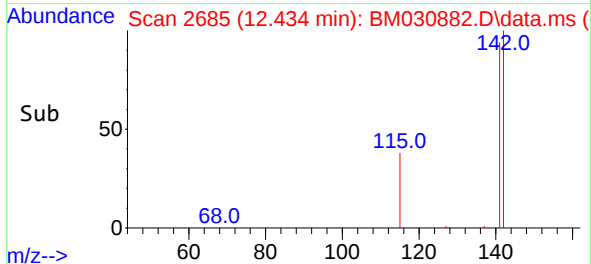
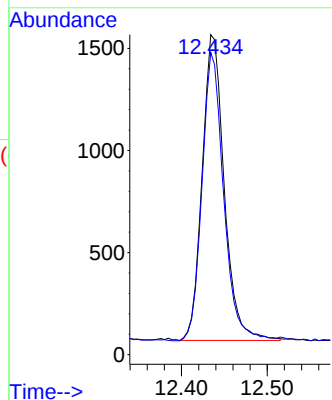
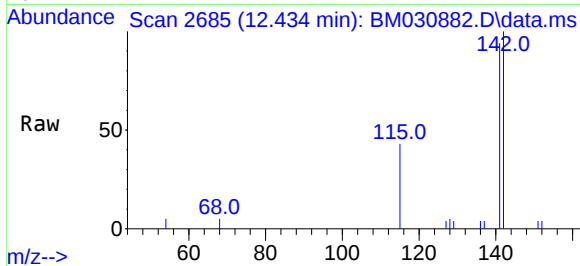
#8
1-Methylnaphthalene
Concen: 0.152 ng/ul
RT: 12.434 min Scan# 2685
Delta R.T. -0.009 min
Lab File: BM030882.D
Acq: 08 Jul 2021 13:26

Tgt Ion:142 Resp: 2684
Ion Ratio Lower Upper
142 100
141 92.5 73.4 110.0

Instrument :
BNA_M
ClientSampled :
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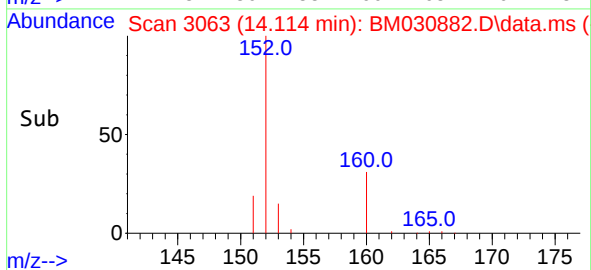
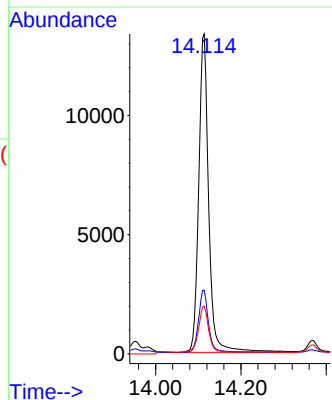
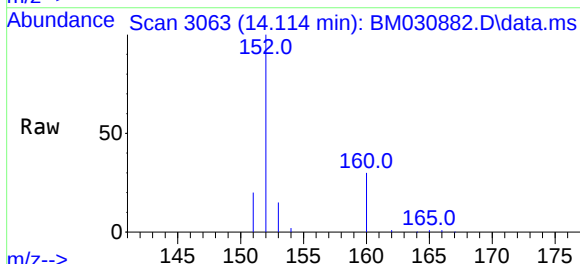
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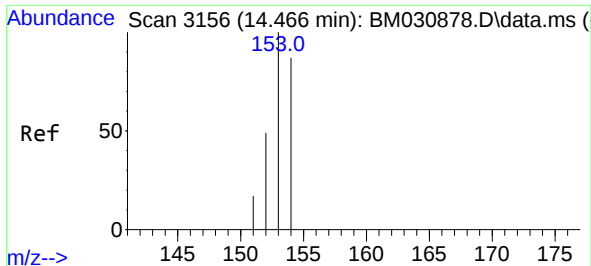
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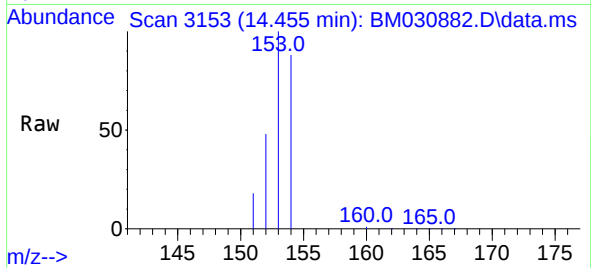
#10
Acenaphthylene
Concen: 0.883 ng/ul
RT: 14.114 min Scan# 3063
Delta R.T. -0.011 min
Lab File: BM030882.D
Acq: 08 Jul 2021 13:26

Tgt Ion:152 Resp: 21685
Ion Ratio Lower Upper
152 100
151 19.9 15.5 23.3
153 14.9 10.7 16.1

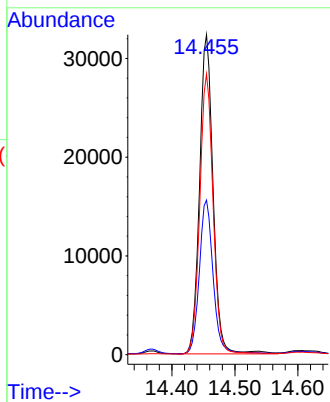
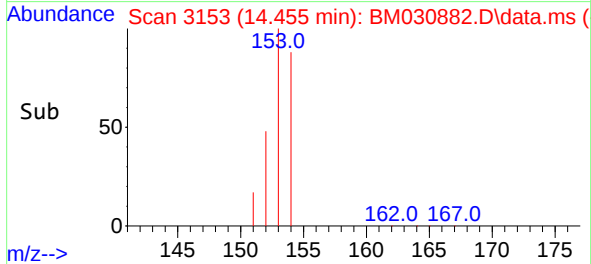




#11
Acenaphthene
Concen: 2.426 ng/ul
RT: 14.455 min Scan# 3153
Delta R.T. -0.011 min
Lab File: BM030882.D
Acq: 08 Jul 2021 13:26



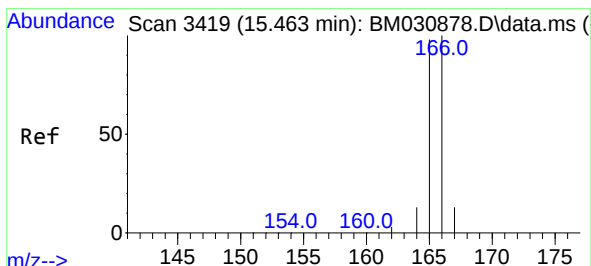
Tgt Ion:153 Resp: 48278
Ion Ratio Lower Upper
153 100
152 48.3 40.2 60.2
154 87.7 71.2 106.8



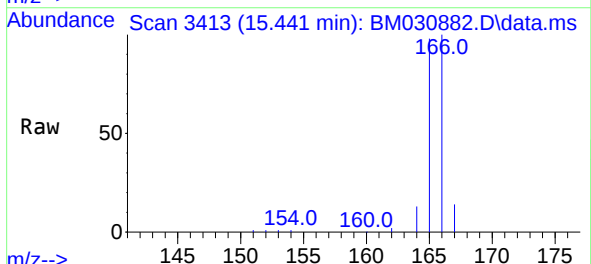
Instrument :
BNA_M
ClientSampleId :
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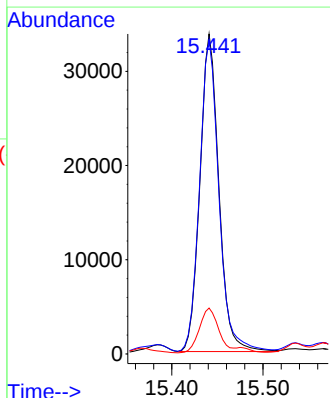
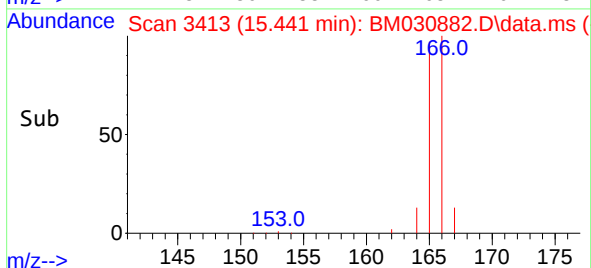
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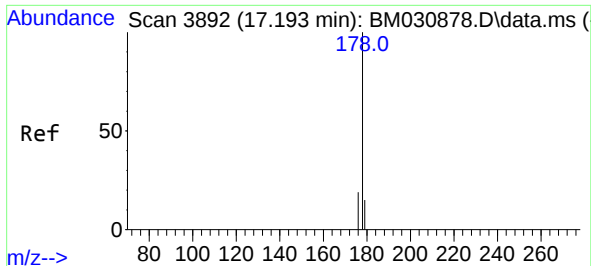


#12
Fluorene
Concen: 2.223 ng/ul
RT: 15.441 min Scan# 3413
Delta R.T. -0.023 min
Lab File: BM030882.D
Acq: 08 Jul 2021 13:26

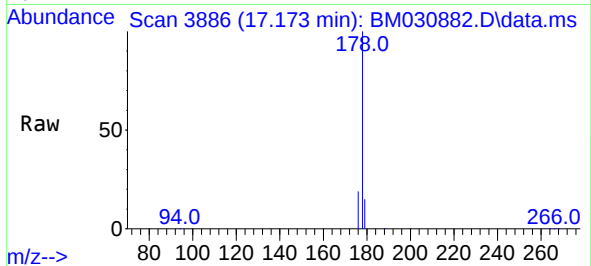


Tgt Ion:166 Resp: 48794
Ion Ratio Lower Upper
166 100
165 98.3 77.7 116.5
167 14.3 11.3 16.9

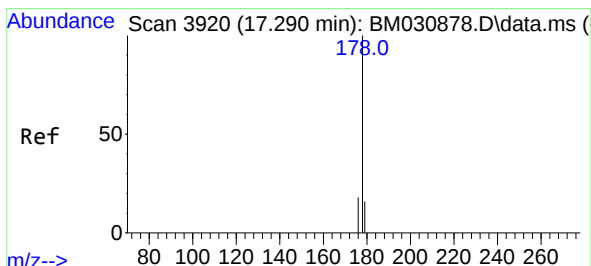
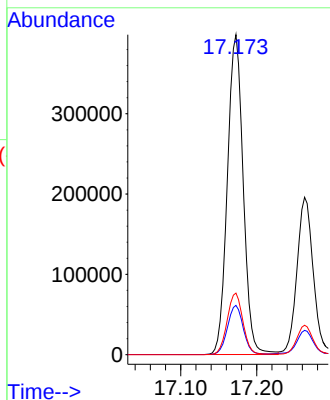
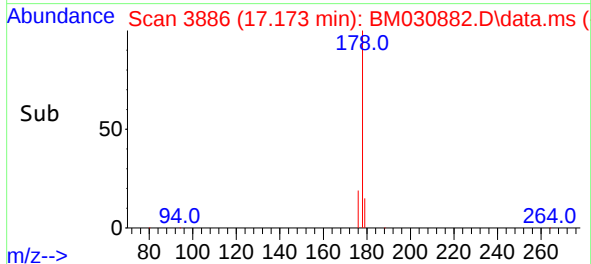




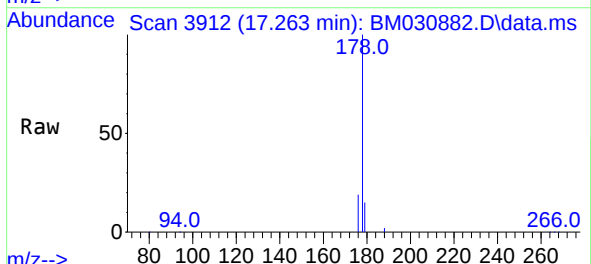
#15
Phenanthrene
Concen: 17.274 ng/u1
RT: 17.173 min Scan# 3886
Delta R.T. -0.021 min
Lab File: BM030882.D
Acq: 08 Jul 2021 13:26



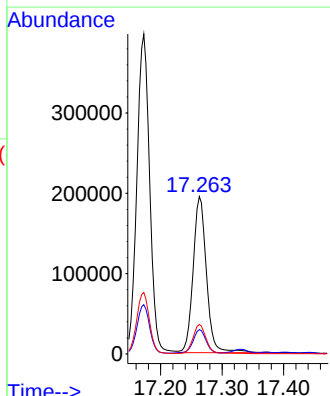
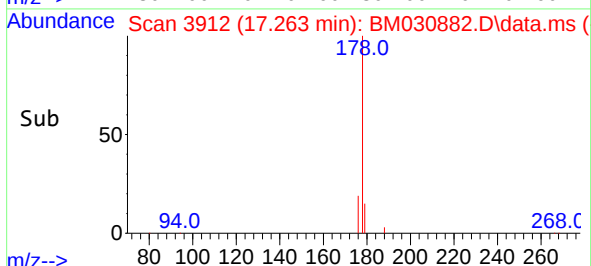
Tgt Ion:178 Resp: 576992
Ion Ratio Lower Upper
178 100
179 15.4 12.6 19.0
176 19.2 15.5 23.3



#16
Anthracene
Concen: 10.019 ng/u1
RT: 17.263 min Scan# 3912
Delta R.T. -0.028 min
Lab File: BM030882.D
Acq: 08 Jul 2021 13:26



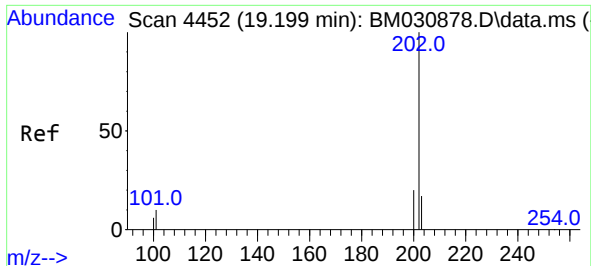
Tgt Ion:178 Resp: 293088
Ion Ratio Lower Upper
178 100
179 15.4 12.7 19.1
176 18.7 15.2 22.8



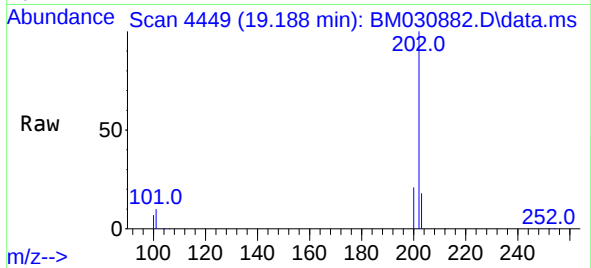
Instrument :
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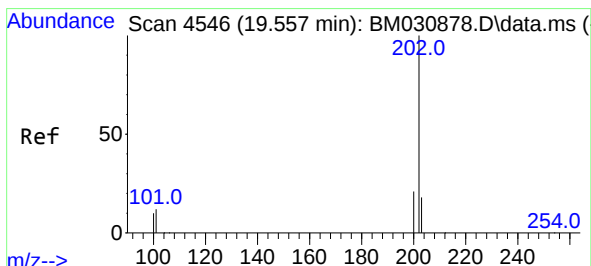
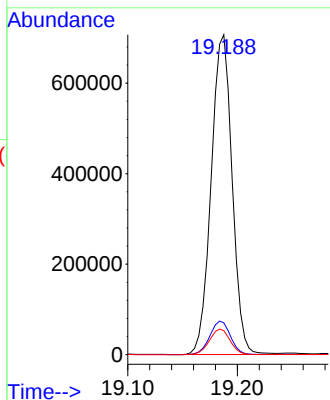
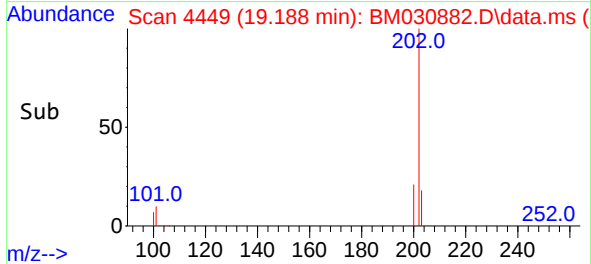
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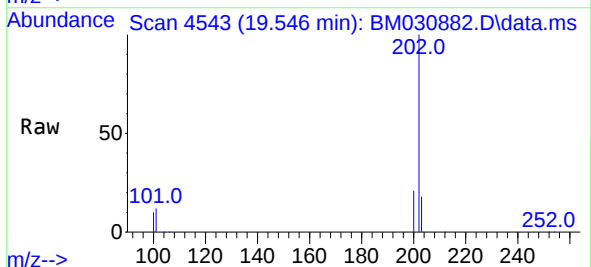
#19
Fluoranthene
Concen: 29.884 ng/ul
RT: 19.188 min Scan# 4449
Delta R.T. -0.011 min
Lab File: BM030882.D
Acq: 08 Jul 2021 13:26



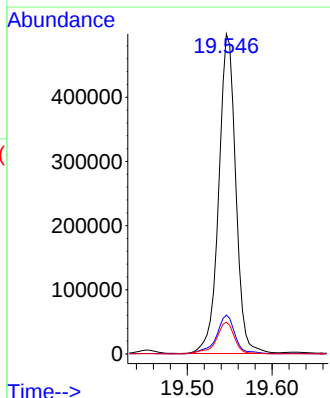
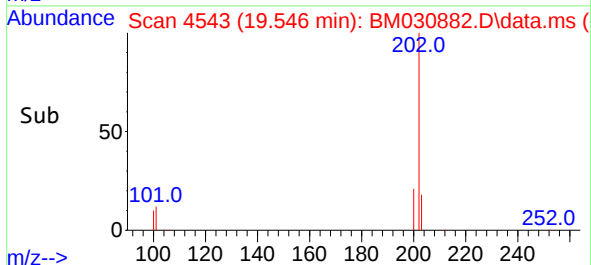
Tgt Ion:202 Resp: 937952
Ion Ratio Lower Upper
202 100
101 9.9 8.8 13.2
100 7.5 6.9 10.3



#20
Pyrene
Concen: 21.946 ng/ul
RT: 19.546 min Scan# 4543
Delta R.T. -0.011 min
Lab File: BM030882.D
Acq: 08 Jul 2021 13:26



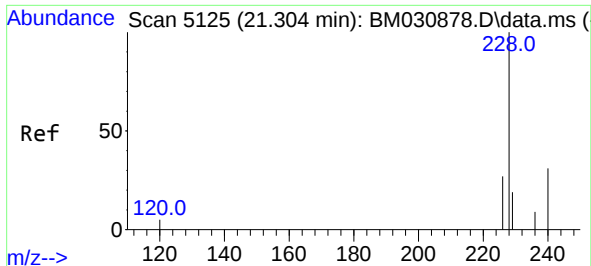
Tgt Ion:202 Resp: 692628
Ion Ratio Lower Upper
202 100
101 12.2 10.1 15.1
100 9.9 8.2 12.2



Instrument :
BNA_M
ClientSampleId :
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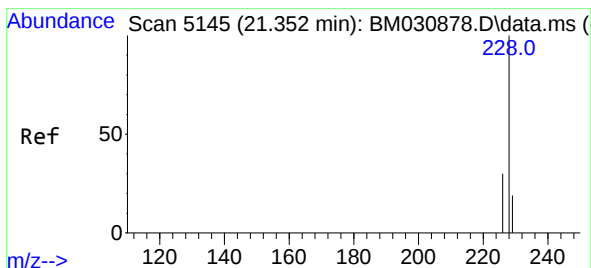
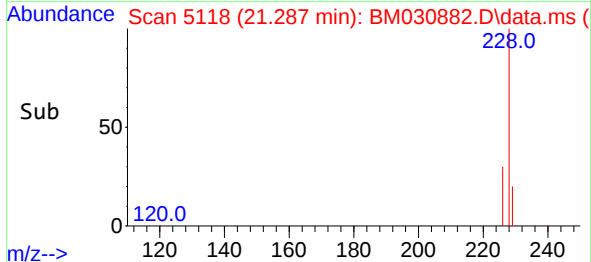
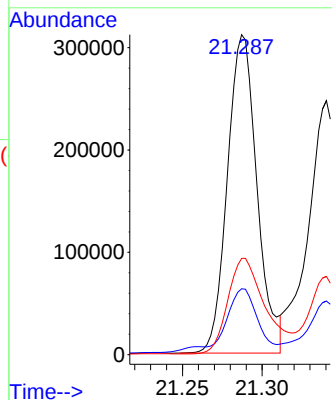
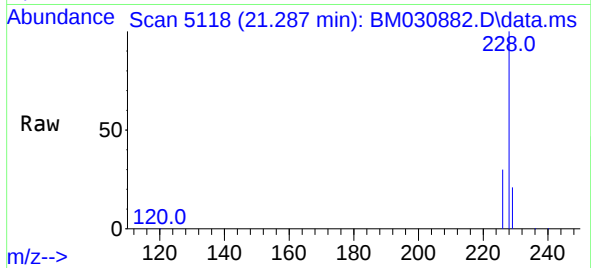
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Benzo(a)anthracene
Concen: 14.194 ng/ul
RT: 21.287 min Scan# 5118
Delta R.T. -0.017 min
Lab File: BM030882.D
Acq: 08 Jul 2021 13:26

Tgt Ion:228 Resp: 402354
Ion Ratio Lower Upper
228 100
229 20.6 15.8 23.6
226 30.1 22.2 33.4

Instrument :
BNA_M
ClientSampled :
BGDR0

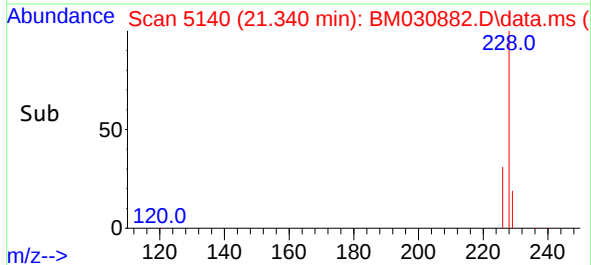
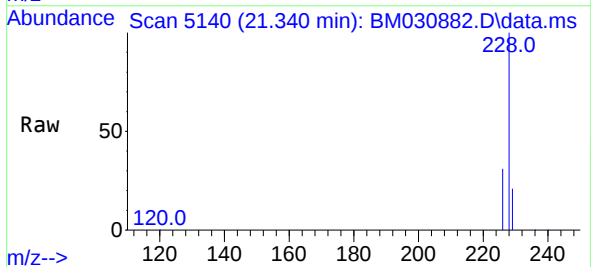
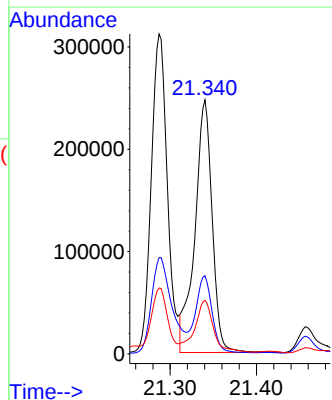
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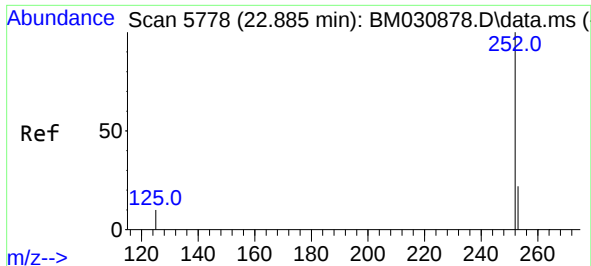
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#22
Chrysene
Concen: 10.853 ng/ul
RT: 21.340 min Scan# 5140
Delta R.T. -0.012 min
Lab File: BM030882.D
Acq: 08 Jul 2021 13:26

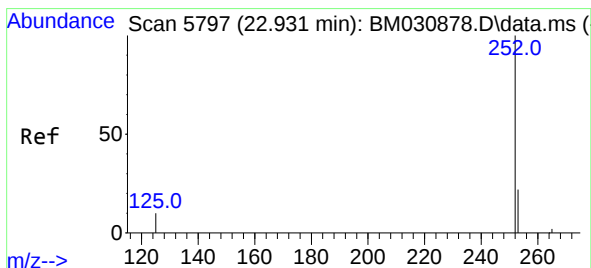
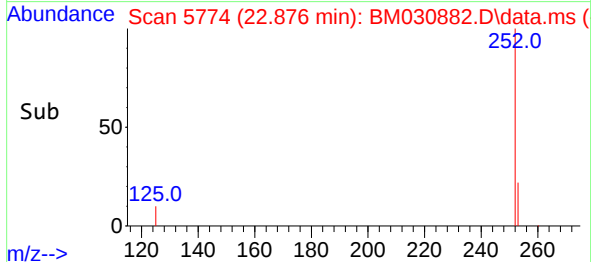
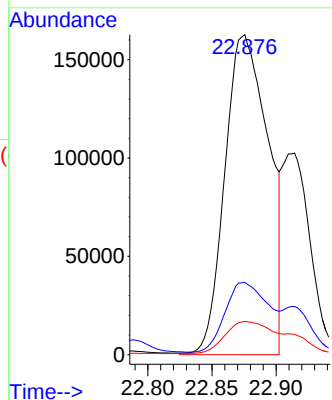
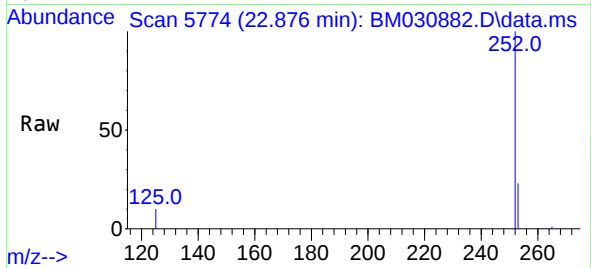
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Ion Ratio Lower Upper
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226 30.8 24.4 36.6
229 21.1 15.4 23.0





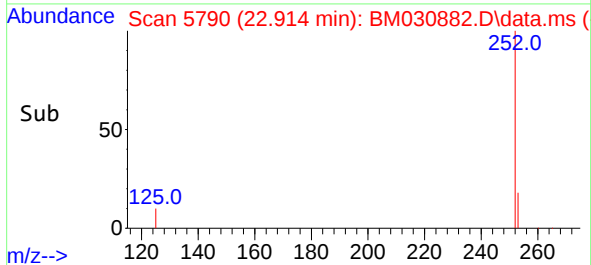
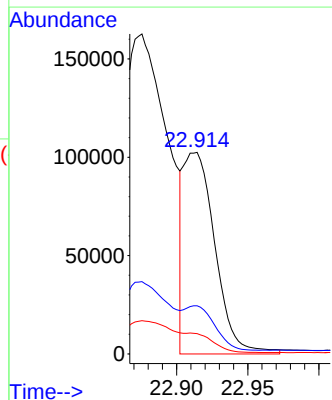
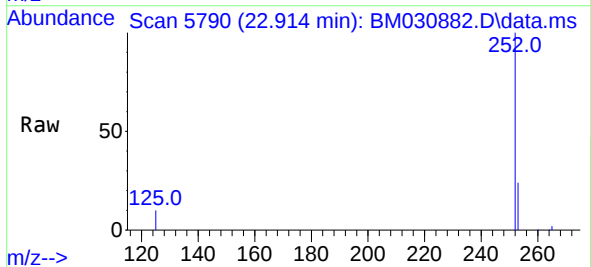
#24
Benzo(b)fluoranthene
Concen: 13.728 ng/ul m
RT: 22.876 min Scan# 5774
Delta R.T. -0.010 min
Lab File: BM030882.D
Acq: 08 Jul 2021 13:26

Tgt Ion:252	Resp:	382393
Ion	Ratio	Lower Upper
252	100	
253	22.6	0.0 50.2
125	10.4	0.0 27.8



#25
Benzo(k)fluoranthene
Concen: 5.516 ng/ul m
RT: 22.914 min Scan# 5790
Delta R.T. -0.017 min
Lab File: BM030882.D
Acq: 08 Jul 2021 13:26

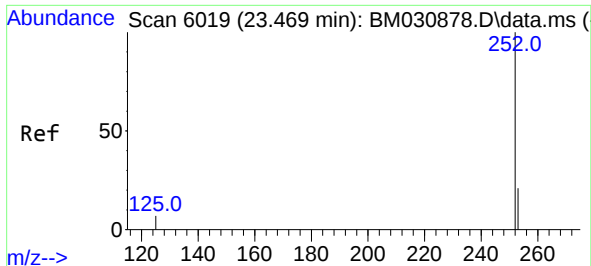
Tgt Ion:252	Resp:	158420
Ion	Ratio	Lower Upper
252	100	
253	23.9	20.6 31.0
125	10.1	11.0 16.4#



Instrument :
BNA_M
ClientSampled :
BGDR0

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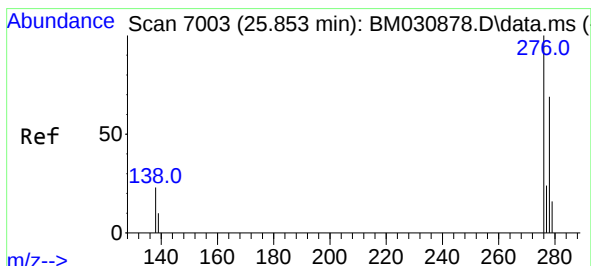
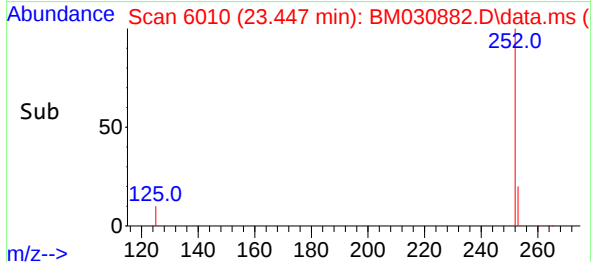
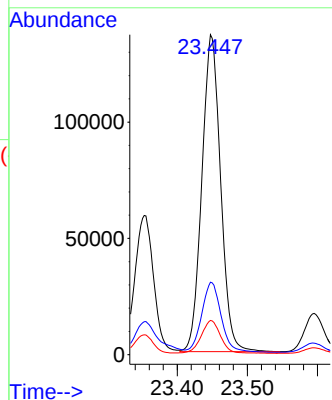
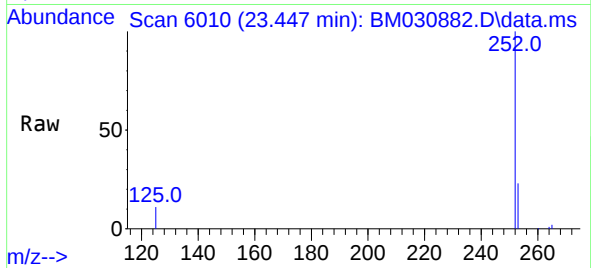
#26
Benzo(a)pyrene
Concen: 10.681 ng/ul
RT: 23.447 min Scan# 6010
Delta R.T. -0.022 min
Lab File: BM030882.D
Acq: 08 Jul 2021 13:26

Tgt Ion:252 Resp: 253056
Ion Ratio Lower Upper
252 100
253 22.7 22.0 33.0
125 10.7 13.4 20.2#

Instrument :
BNA_M
ClientSampleId :
BGDR0

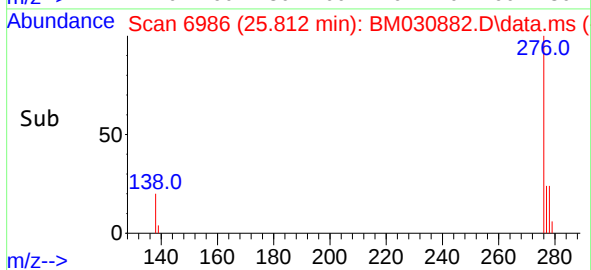
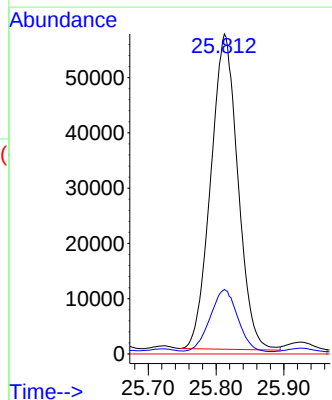
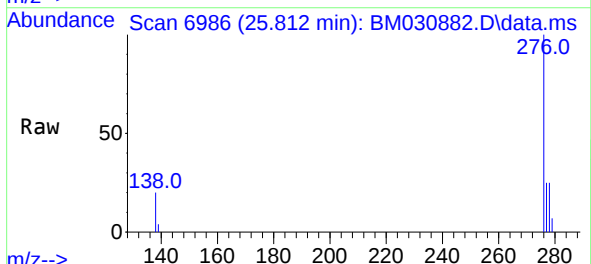
Manual Integrations
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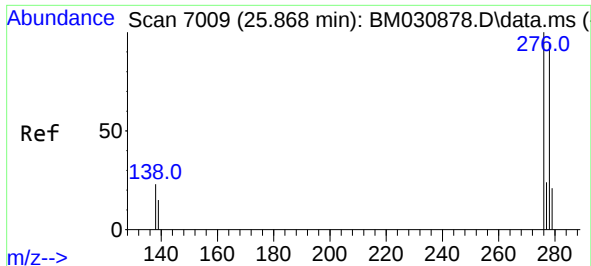
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#27
Indeno(1,2,3-cd)pyrene
Concen: 5.146 ng/ul
RT: 25.812 min Scan# 6986
Delta R.T. -0.041 min
Lab File: BM030882.D
Acq: 08 Jul 2021 13:26

Tgt Ion:276 Resp: 158835
Ion Ratio Lower Upper
276 100
138 20.0 19.1 28.7
227 0.0 0.0 0.0





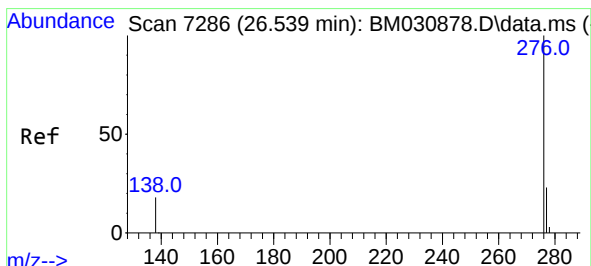
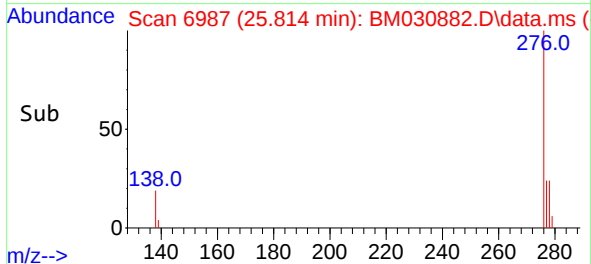
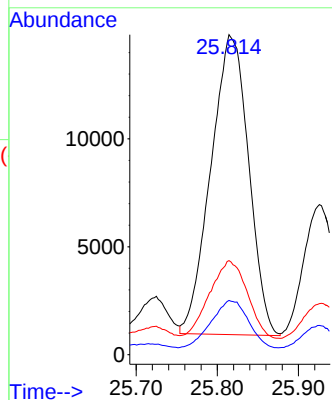
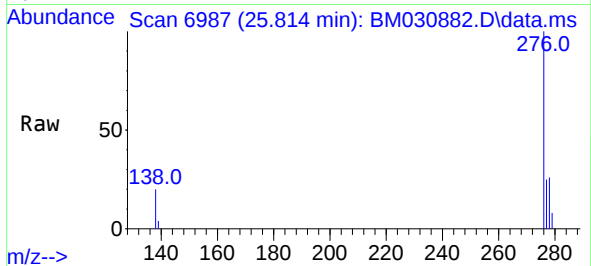
#28
Dibenzo(a,h)anthracene
Concen: 1.815 ng/ul
RT: 25.814 min Scan# 6987
Delta R.T. -0.053 min
Lab File: BM030882.D
Acq: 08 Jul 2021 13:26

Tgt Ion:	278	Resp:	44953
Ion Ratio	Lower	Upper	
278	100		
139	16.9	14.2	21.4
279	29.4	21.6	32.4

Instrument :
BNA_M
ClientSampled :
BGDR0

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#29
Benzo(g,h,i)perylene
Concen: 0.625 ng/ul
RT: 26.505 min Scan# 7272
Delta R.T. -0.034 min
Lab File: BM030882.D
Acq: 08 Jul 2021 13:26

Tgt Ion:	276	Resp:	16754
Ion Ratio	Lower	Upper	
276	100		
138	23.3	18.0	27.0
277	28.1	19.5	29.3

