

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070821\
 Data File : BM030880.D
 Acq On : 08 Jul 2021 12:12
 Operator : CG/JU
 Sample : M2825-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BGDQ4

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Quant Time: Jul 08 12:42:55 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	2527	0.400	ng/ul	0.00
4) Naphthalene-d8	10.548	136	9974	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.394	164	5372	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.130	188	9126	0.400	ng/ul	-0.02
17) Chrysene-d12	21.303	240	7758	0.400	ng/ul	-0.01
23) Perylene-d12	23.545	264	6708	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.269	96	3336	1.212	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.150	152	2310	0.147	ng/ul	0.00
18) Fluoranthene-d10	19.153	212	3759	0.169	ng/ul	-0.02
Target Compounds					Qvalue	
5) Naphthalene	10.598	128	11052	0.389	ng/ul	99
7) 2-Methylnaphthalene	12.226	142	1606	0.084	ng/ul	98
8) 1-Methylnaphthalene	12.437	142	976	0.052	ng/ul	94
10) Acenaphthylene	14.113	152	12823	0.535	ng/ul	98
11) Acenaphthene	14.454	153	8807	0.453	ng/ul	97
12) Fluorene	15.444	166	8431	0.393	ng/ul	98
15) Phenanthrene	17.172	178	116492	3.797	ng/ul	99
16) Anthracene	17.266	178	44857	1.670	ng/ul	99
19) Fluoranthene	19.183	202	351221	10.257	ng/ul	98
20) Pyrene	19.546	202	273352	7.939	ng/ul	99
21) Benzo(a)anthracene	21.286	228	172454	5.576	ng/ul	98
22) Chrysene	21.336	228	150521	4.345	ng/ul	98
24) Benzo(b)fluoranthene	22.872	252	187836m	6.322	ng/ul	
25) Benzo(k)fluoranthene	22.910	252	76016m	2.482	ng/ul	
26) Benzo(a)pyrene	23.446	252	127878	5.060	ng/ul#	89
27) Indeno(1,2,3-cd)pyrene	25.808	276	86004	2.612	ng/ul#	90
28) Dibenzo(a,h)anthracene	25.815	278	21626	0.819	ng/ul	97
29) Benzo(g,h,i)perylene	26.511	276	8822	0.308	ng/ul#	91

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

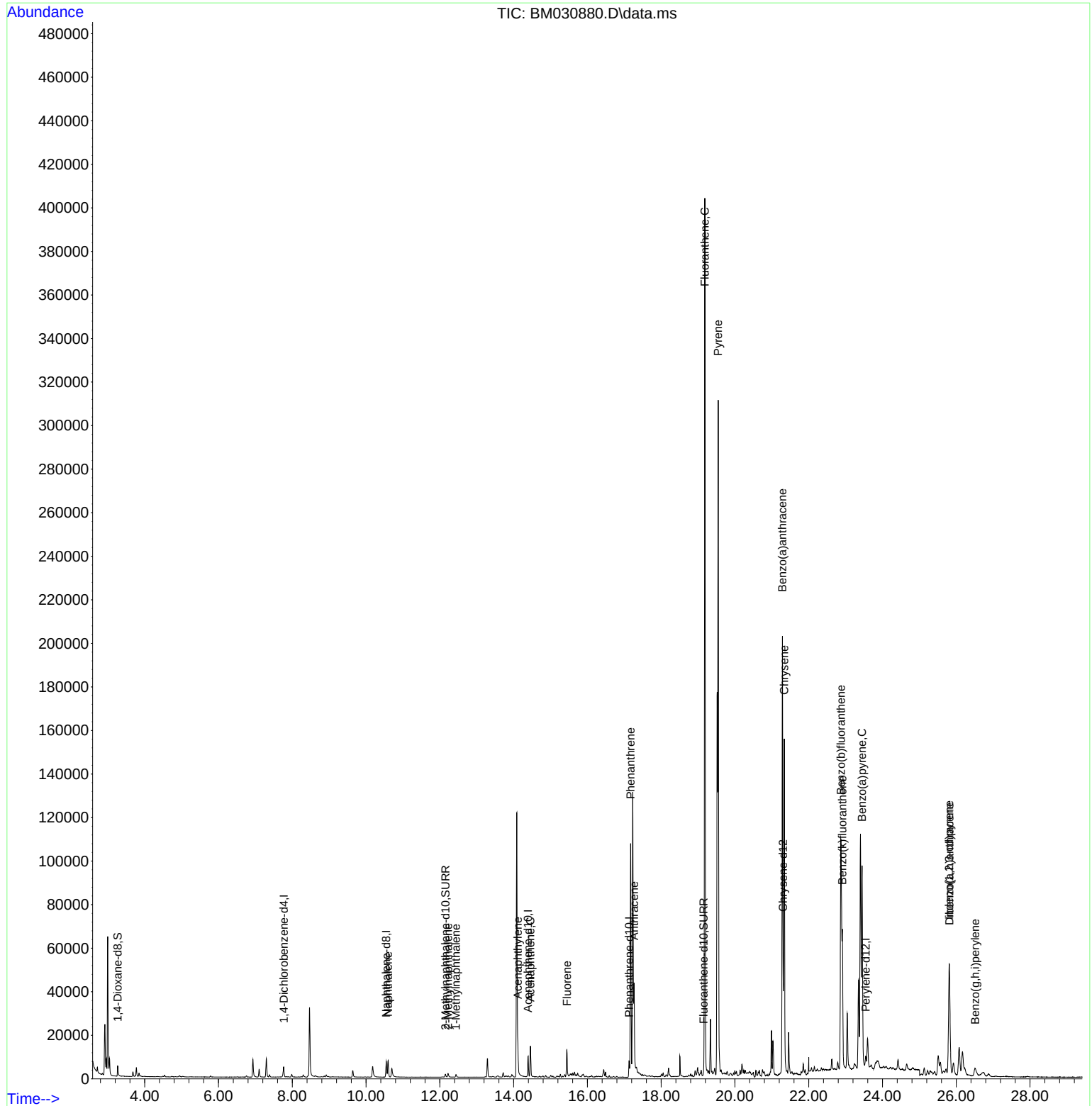
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070821\
Data File : BM030880.D
Acq On : 08 Jul 2021 12:12
Operator : CG/JU
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ALS Vial : 4 Sample Multiplier: 1

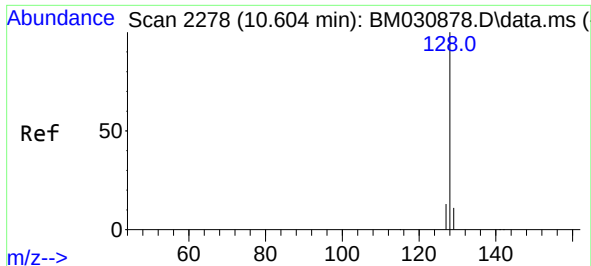
Instrument :
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ClientSampleId :
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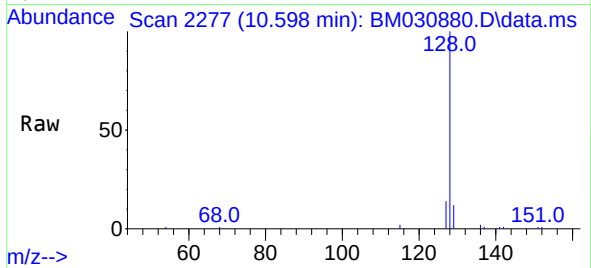
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Quant Time: Jul 08 12:42:55 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM062821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 08 10:44:22 2021
Response via : Initial Calibration

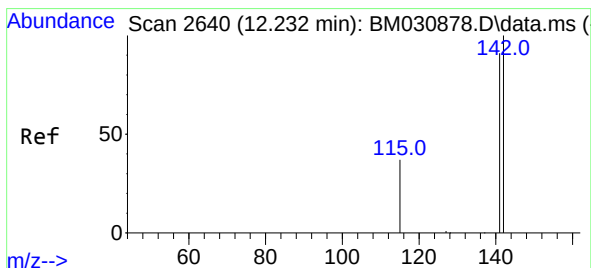
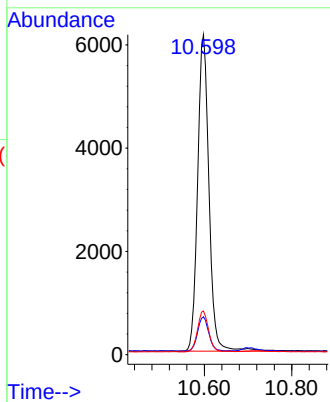
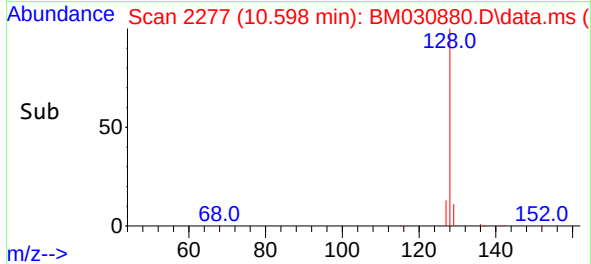




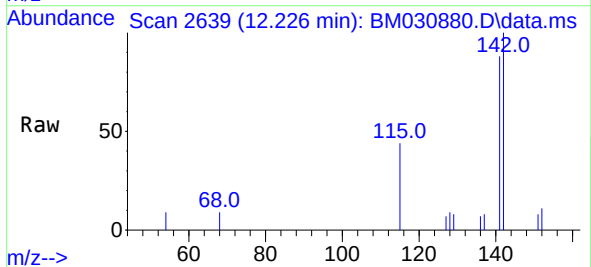
#5
Naphthalene
Concen: 0.389 ng/ul
RT: 10.598 min Scan# 2277
Delta R.T. -0.006 min
Lab File: BM030880.D
Acq: 08 Jul 2021 12:12



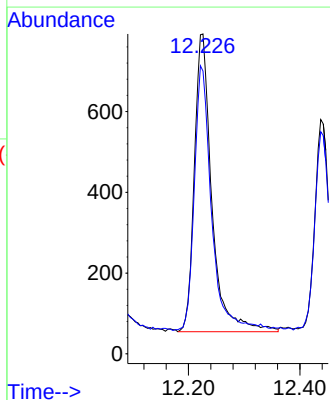
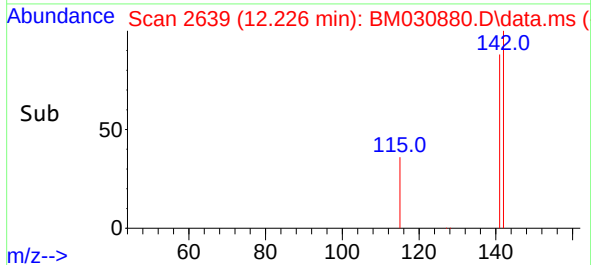
Tgt Ion:128 Resp: 11052
Ion Ratio Lower Upper
128 100
129 11.8 9.0 13.6
127 13.6 10.9 16.3



#7
2-Methylnaphthalene
Concen: 0.084 ng/ul
RT: 12.226 min Scan# 2639
Delta R.T. -0.006 min
Lab File: BM030880.D
Acq: 08 Jul 2021 12:12



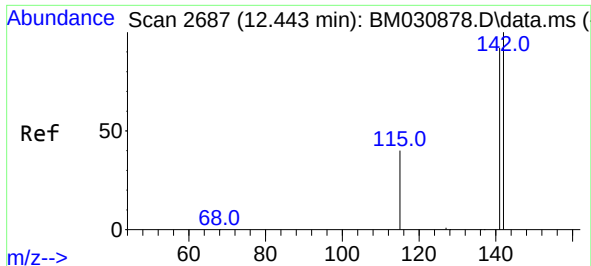
Tgt Ion:142 Resp: 1606
Ion Ratio Lower Upper
142 100
141 87.2 71.4 107.0



Instrument :
BNA_M
ClientSampleId :
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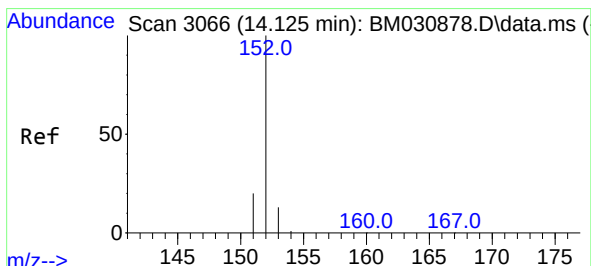
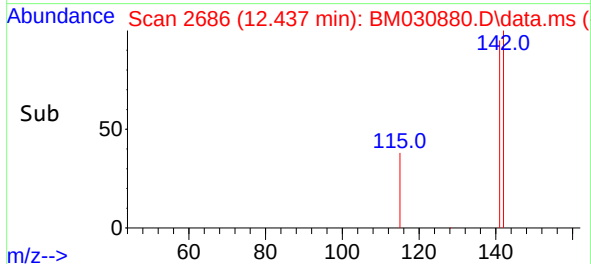
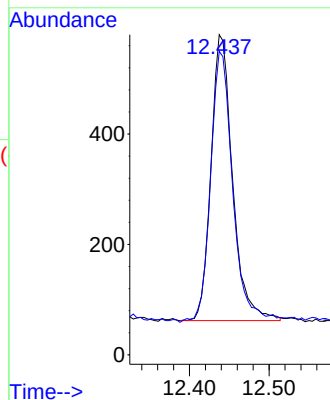
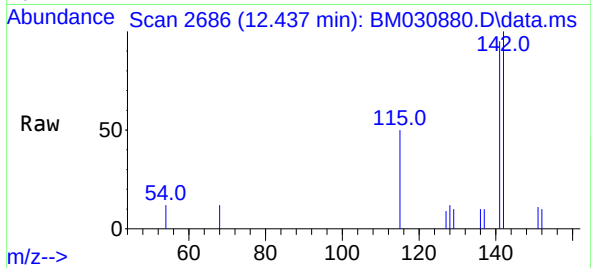
#8
1-Methylnaphthalene
Concen: 0.052 ng/ul
RT: 12.437 min Scan# 2686
Delta R.T. -0.006 min
Lab File: BM030880.D
Acq: 08 Jul 2021 12:12

Tgt Ion:142 Resp: 976
Ion Ratio Lower Upper
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141 97.1 73.4 110.0

Instrument :
BNA_M
ClientSampled :
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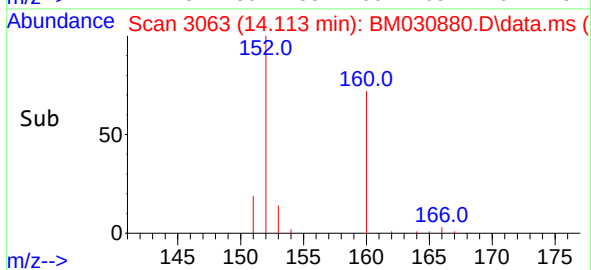
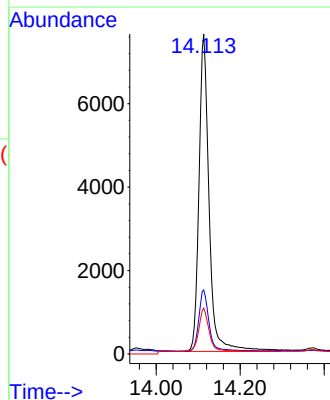
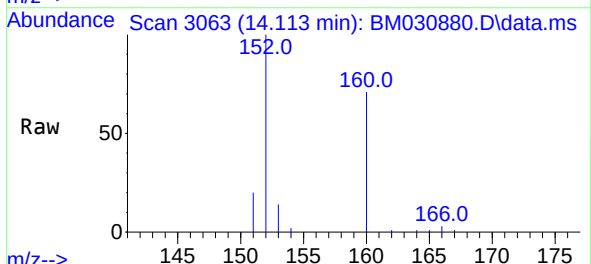
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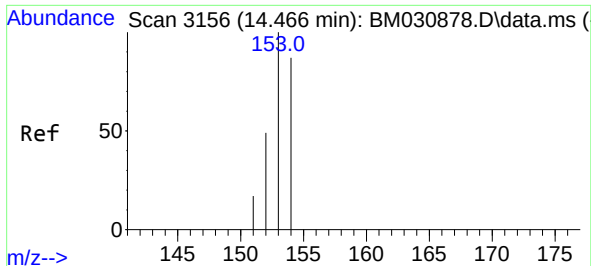
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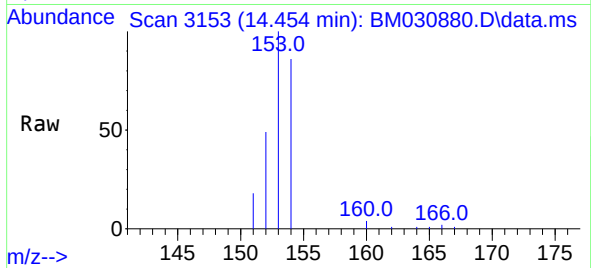
#10
Acenaphthylene
Concen: 0.535 ng/ul
RT: 14.113 min Scan# 3063
Delta R.T. -0.012 min
Lab File: BM030880.D
Acq: 08 Jul 2021 12:12

Tgt Ion:152 Resp: 12823
Ion Ratio Lower Upper
152 100
151 20.0 15.5 23.3
153 14.3 10.7 16.1



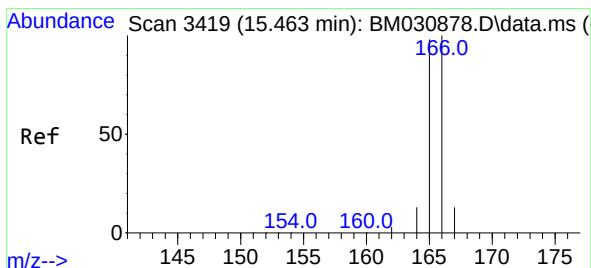
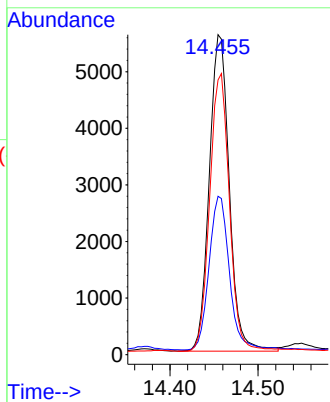
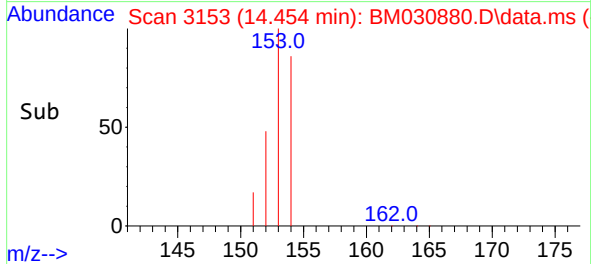


#11
Acenaphthene
Concen: 0.453 ng/ul
RT: 14.454 min Scan# 3153
Delta R.T. -0.012 min
Lab File: BM030880.D
Acq: 08 Jul 2021 12:12

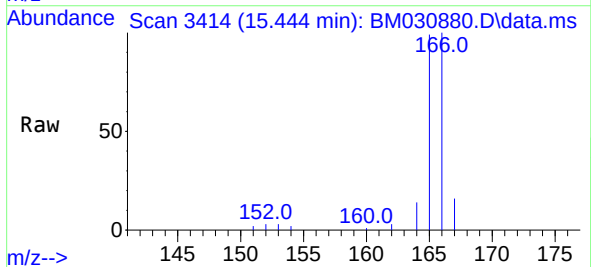


Tgt Ion:153 Resp: 8807

Ion	Ratio	Lower	Upper
153	100		
152	49.5	40.2	60.2
154	85.9	71.2	106.8

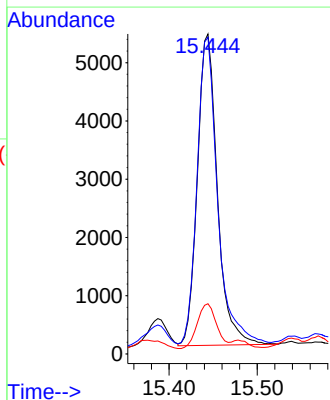
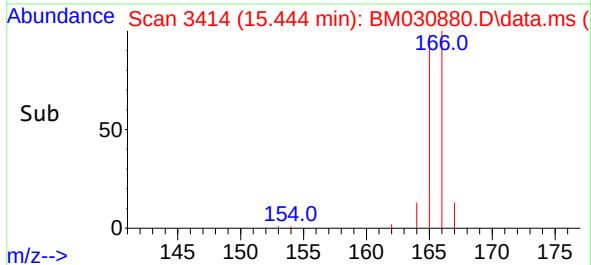


#12
Fluorene
Concen: 0.393 ng/ul
RT: 15.444 min Scan# 3414
Delta R.T. -0.019 min
Lab File: BM030880.D
Acq: 08 Jul 2021 12:12



Tgt Ion:166 Resp: 8431

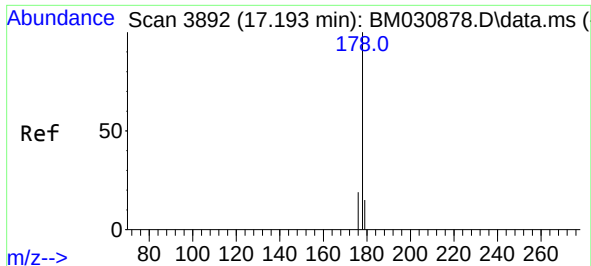
Ion	Ratio	Lower	Upper
166	100		
165	99.0	77.7	116.5
167	15.7	11.3	16.9



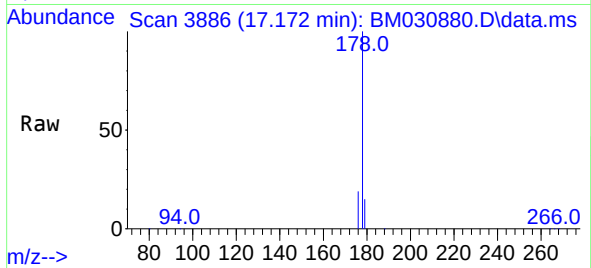
Instrument :
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ClientSampled :
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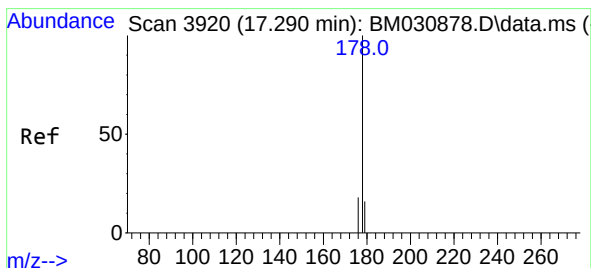
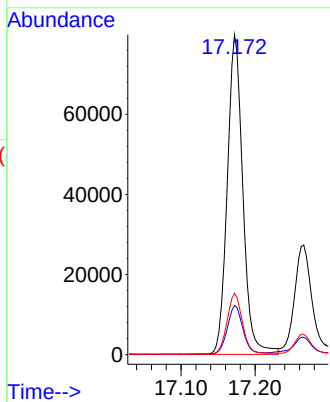
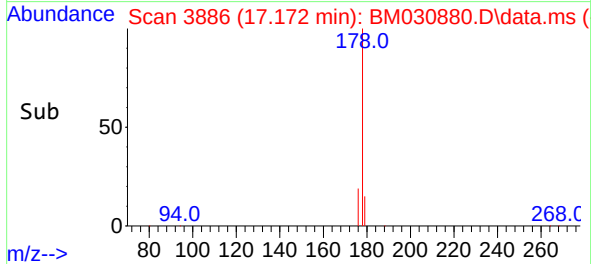
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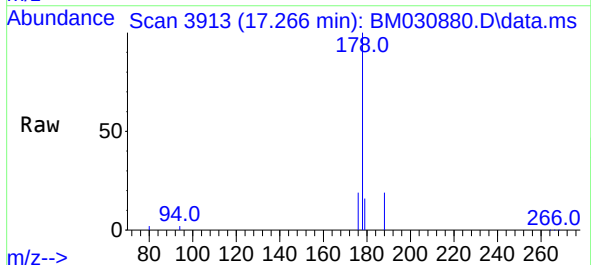
#15
Phenanthrene
Concen: 3.797 ng/ul
RT: 17.172 min Scan# 3886
Delta R.T. -0.021 min
Lab File: BM030880.D
Acq: 08 Jul 2021 12:12



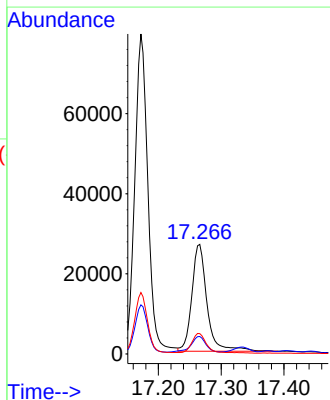
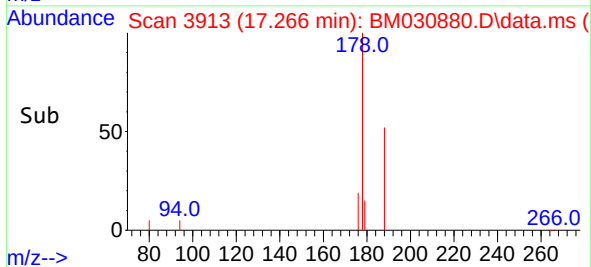
Tgt Ion:178 Resp: 116492
Ion Ratio Lower Upper
178 100
179 15.4 12.6 19.0
176 19.2 15.5 23.3



#16
Anthracene
Concen: 1.670 ng/ul
RT: 17.266 min Scan# 3913
Delta R.T. -0.025 min
Lab File: BM030880.D
Acq: 08 Jul 2021 12:12



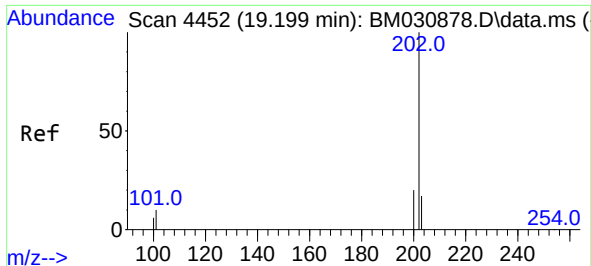
Tgt Ion:178 Resp: 44857
Ion Ratio Lower Upper
178 100
179 15.9 12.7 19.1
176 18.5 15.2 22.8



Instrument :
BNA_M
ClientSampleId :
BGDQ4

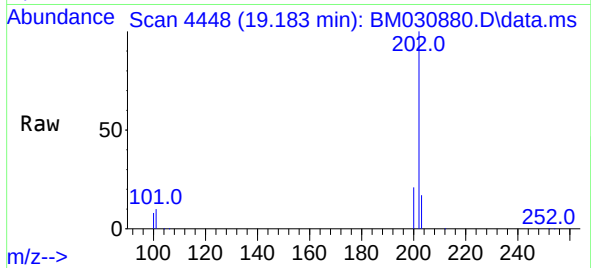
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#19
Fluoranthene
Concen: 10.257 ng/u1
RT: 19.183 min Scan# 4448
Delta R.T. -0.016 min
Lab File: BM030880.D
Acq: 08 Jul 2021 12:12

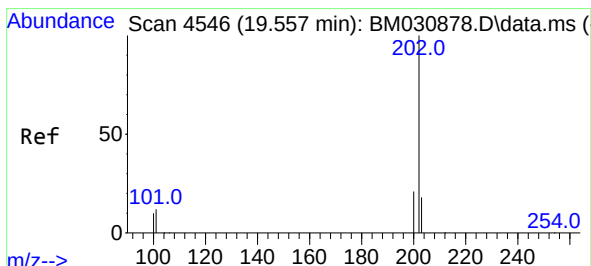
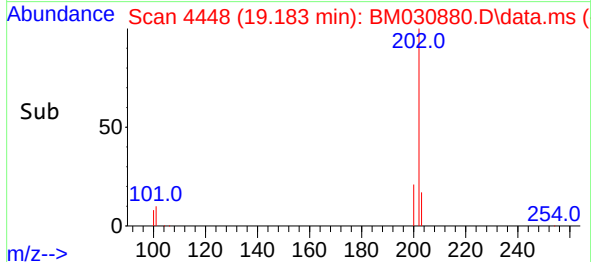
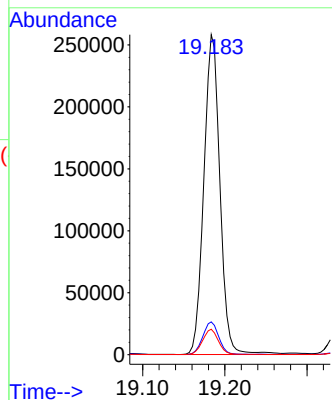
Instrument :
BNA_M
ClientSampled :
BGDQ4



Tgt Ion:202 Resp: 351221
Ion Ratio Lower Upper
202 100
101 10.3 8.8 13.2
100 7.9 6.9 10.3

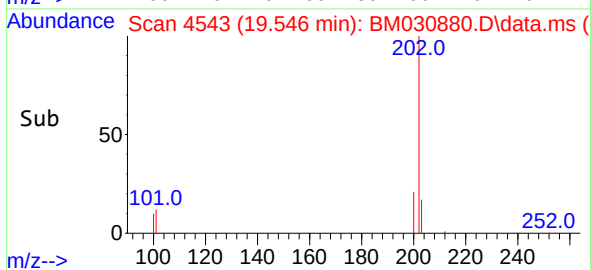
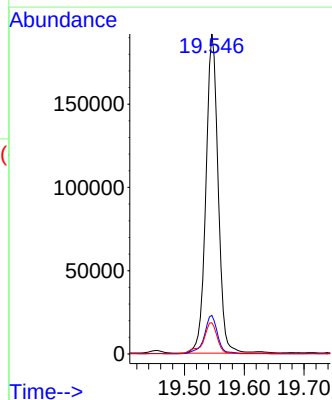
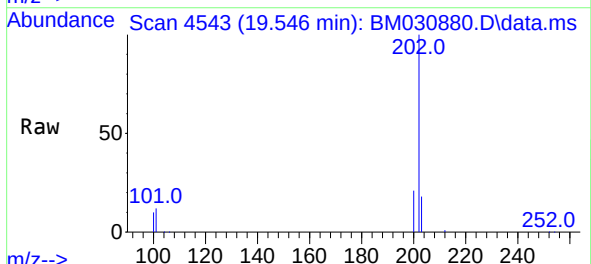
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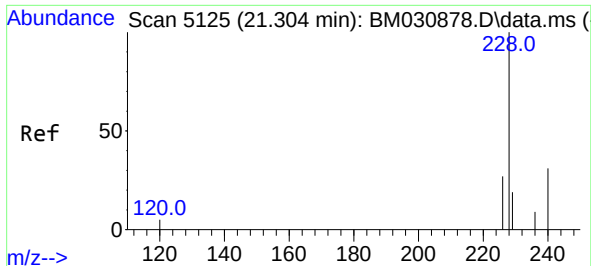
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#20
Pyrene
Concen: 7.939 ng/u1
RT: 19.546 min Scan# 4543
Delta R.T. -0.012 min
Lab File: BM030880.D
Acq: 08 Jul 2021 12:12

Tgt Ion:202 Resp: 273352
Ion Ratio Lower Upper
202 100
101 12.1 10.1 15.1
100 9.8 8.2 12.2





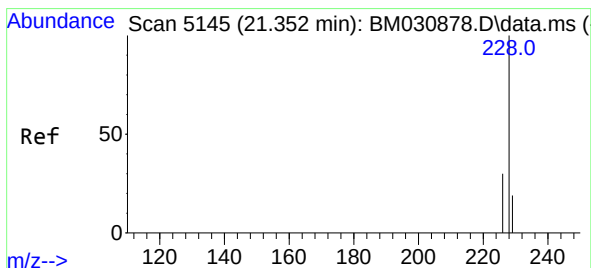
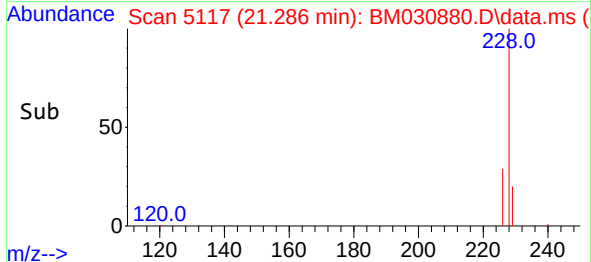
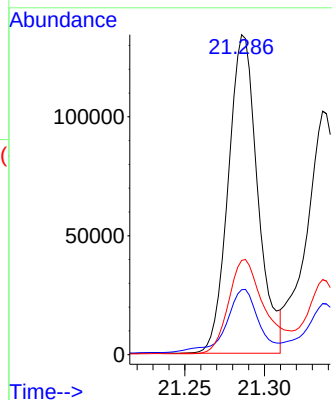
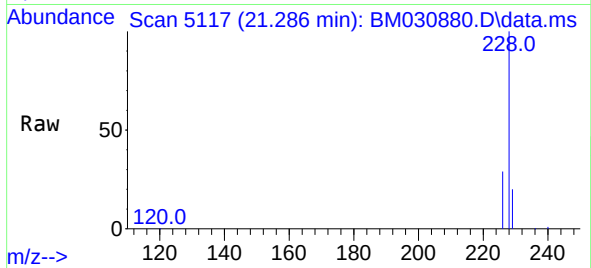
#21
Benzo(a)anthracene
Concen: 5.576 ng/ul
RT: 21.286 min Scan# 5117
Delta R.T. -0.018 min
Lab File: BM030880.D
Acq: 08 Jul 2021 12:12

Tgt Ion:228 Resp: 172454
Ion Ratio Lower Upper
228 100
229 20.3 15.8 23.6
226 29.5 22.2 33.4

Instrument :
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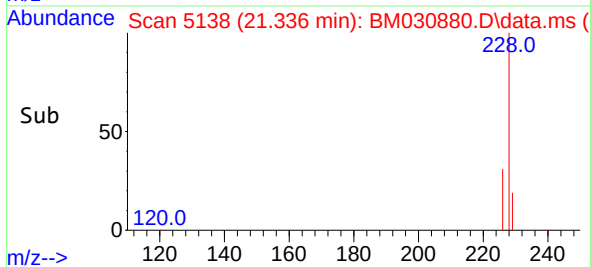
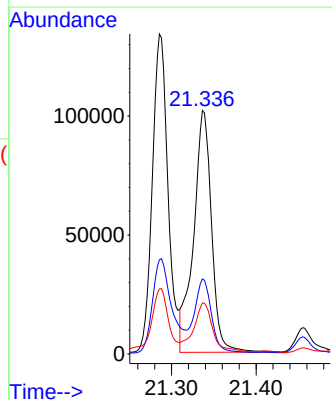
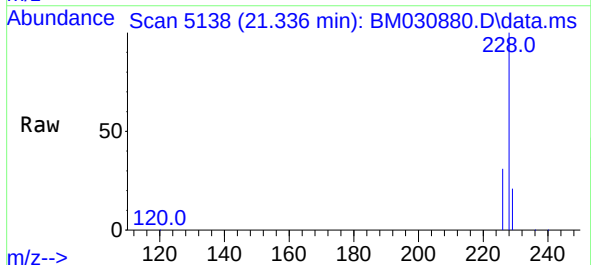
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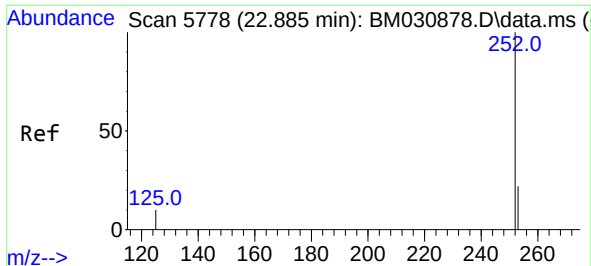
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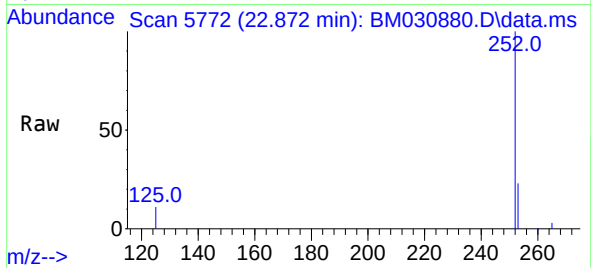
#22
Chrysene
Concen: 4.345 ng/ul
RT: 21.336 min Scan# 5138
Delta R.T. -0.016 min
Lab File: BM030880.D
Acq: 08 Jul 2021 12:12

Tgt Ion:228 Resp: 150521
Ion Ratio Lower Upper
228 100
226 30.8 24.4 36.6
229 20.9 15.4 23.0

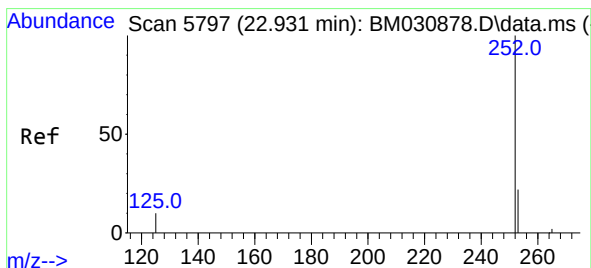
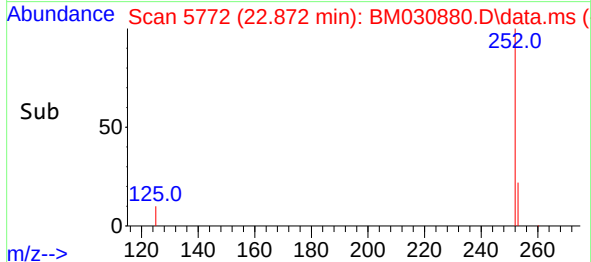
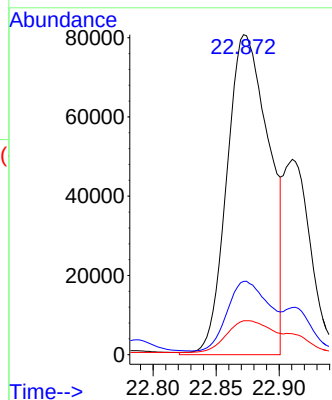




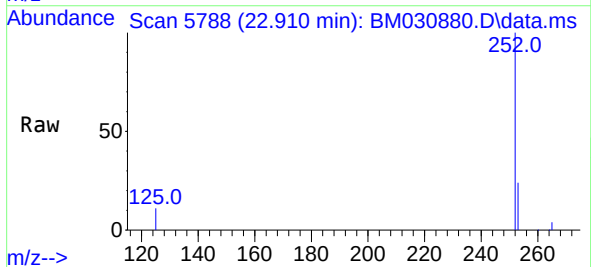
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Benzo(b)fluoranthene
Concen: 6.322 ng/ul m
RT: 22.872 min Scan# 5772
Delta R.T. -0.014 min
Lab File: BM030880.D
Acq: 08 Jul 2021 12:12



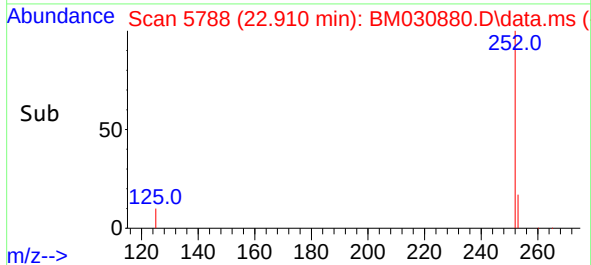
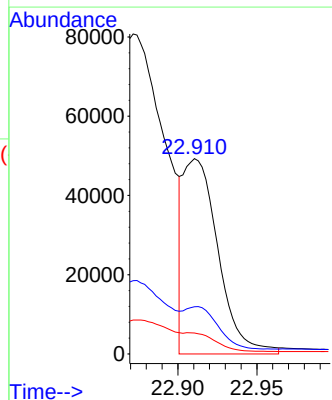
Tgt Ion:252 Resp: 187836
Ion Ratio Lower Upper
252 100
253 22.9 0.0 50.2
125 10.6 0.0 27.8



#25
Benzo(k)fluoranthene
Concen: 2.482 ng/ul m
RT: 22.910 min Scan# 5788
Delta R.T. -0.021 min
Lab File: BM030880.D
Acq: 08 Jul 2021 12:12



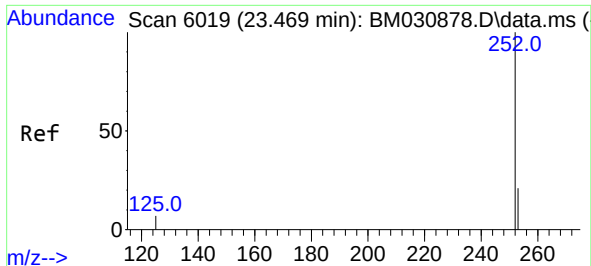
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Ion Ratio Lower Upper
252 100
253 24.2 20.6 31.0
125 10.8 11.0 16.4#



Instrument :
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ClientSampled :
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Manual Integrations
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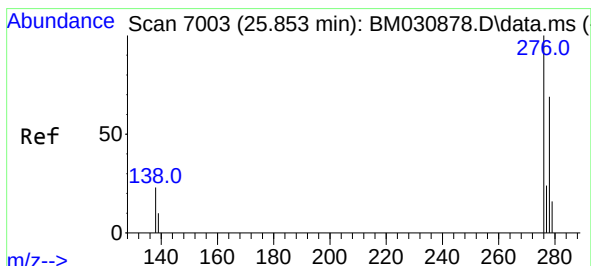
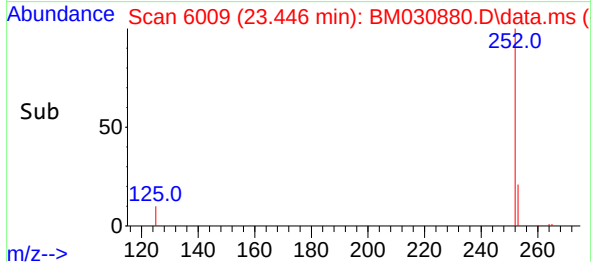
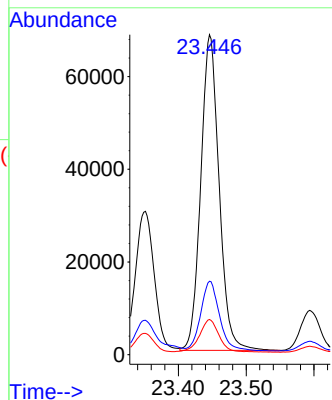
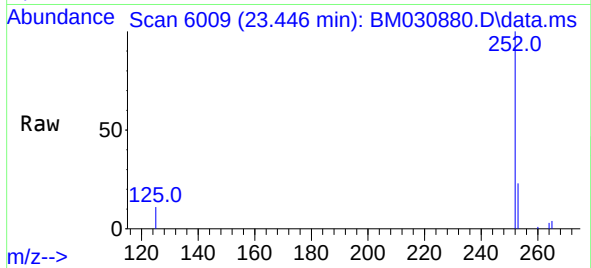
#26
Benzo(a)pyrene
Concen: 5.060 ng/ul
RT: 23.446 min Scan# 6009
Delta R.T. -0.023 min
Lab File: BM030880.D
Acq: 08 Jul 2021 12:12

Tgt Ion:252 Resp: 127878
Ion Ratio Lower Upper
252 100
253 23.0 22.0 33.0
125 11.0 13.4 20.2#

Instrument :
BNA_M
ClientSampled :
BGDQ4

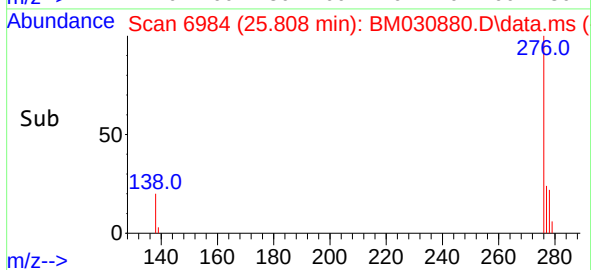
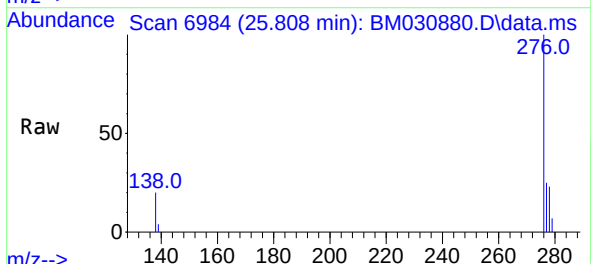
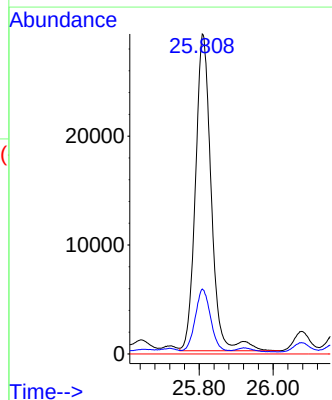
Manual Integrations
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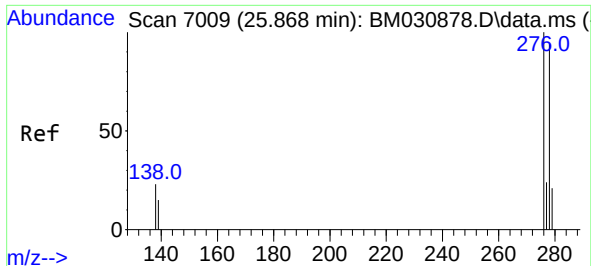
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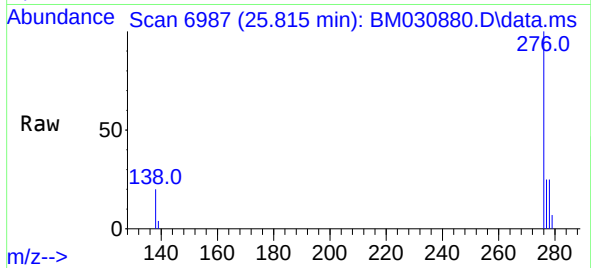
#27
Indeno(1,2,3-cd)pyrene
Concen: 2.612 ng/ul
RT: 25.808 min Scan# 6984
Delta R.T. -0.045 min
Lab File: BM030880.D
Acq: 08 Jul 2021 12:12

Tgt Ion:276 Resp: 86004
Ion Ratio Lower Upper
276 100
138 18.7 19.1 28.7#
227 0.0 0.0 0.0

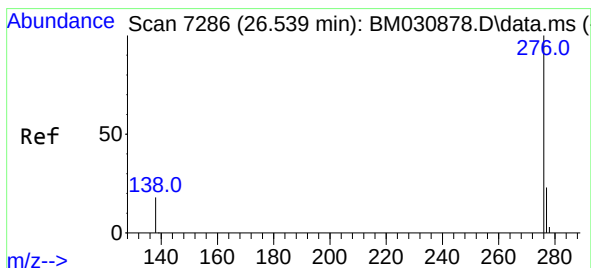
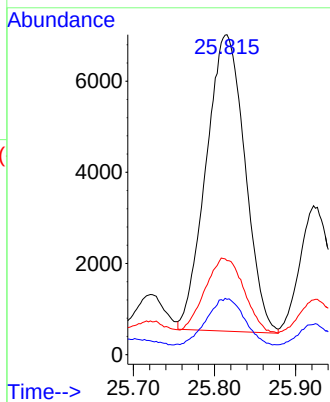
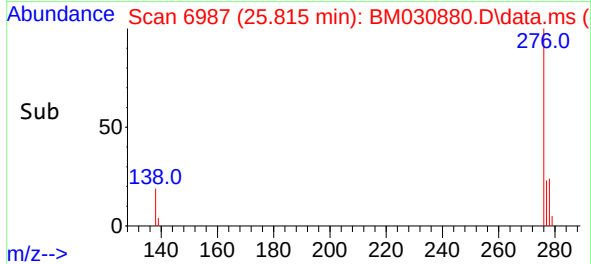




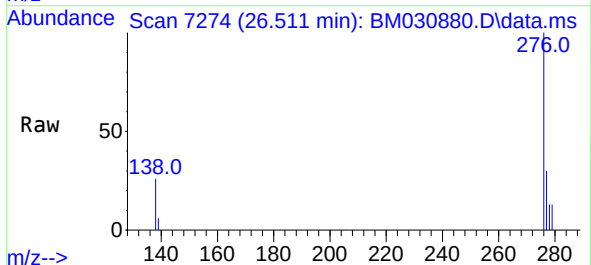
#28
Dibenzo(a,h)anthracene
Concen: 0.819 ng/ul
RT: 25.815 min Scan# 6987
Delta R.T. -0.052 min
Lab File: BM030880.D
Acq: 08 Jul 2021 12:12



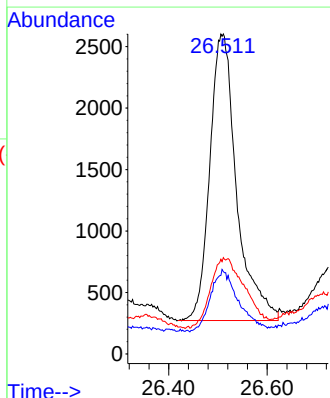
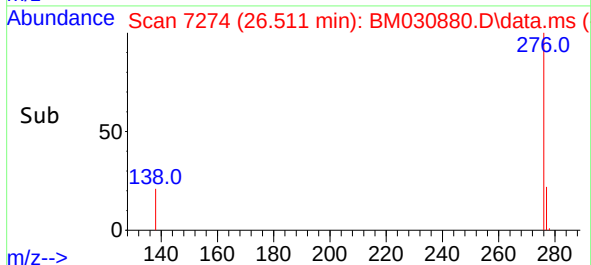
Tgt Ion:278 Resp: 21626
Ion Ratio Lower Upper
278 100
139 17.3 14.2 21.4
279 29.4 21.6 32.4



#29
Benzo(g,h,i)perylene
Concen: 0.308 ng/ul
RT: 26.511 min Scan# 7274
Delta R.T. -0.028 min
Lab File: BM030880.D
Acq: 08 Jul 2021 12:12



Tgt Ion:276 Resp: 8822
Ion Ratio Lower Upper
276 100
138 25.8 18.0 27.0
277 30.1 19.5 29.3#



Instrument :
BNA_M
ClientSampled :
BGDQ4

Manual Integrations
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