

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072621\
 Data File : BM031175.D
 Acq On : 26 Jul 2021 22:43
 Operator : CG/JU
 Sample : M3010-04
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BGEE1

Manual Integrations
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Quant Time: Jul 27 06:22:52 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM072221.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 22 01:52:16 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.635	152	1640	0.400	ng/ul	0.00
4) Naphthalene-d8	10.397	136	6510	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.262	164	4480	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.006	188	9580	0.400	ng/ul	0.00
17) Chrysene-d12	21.188	240	9080	0.400	ng/ul	-0.01
23) Perylene-d12	23.358	264	7994	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.213	96	2899	1.683	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.989	152	1564	0.137	ng/ul	0.00
18) Fluoranthene-d10	19.031	212	4166	0.150	ng/ul	-0.01
Target Compounds					Qvalue	
5) Naphthalene	10.446	128	2632	0.135	ng/ul	97
7) 2-Methylnaphthalene	12.065	142	625	0.045	ng/ul	97
10) Acenaphthylene	13.981	152	1092	0.060	ng/ul#	90
11) Acenaphthene	14.322	153	7616	0.470	ng/ul	98
12) Fluorene	15.312	166	1782	0.093	ng/ul	98
15) Phenanthrene	17.048	178	23133	0.760	ng/ul	99
16) Anthracene	17.138	178	13916	0.488	ng/ul	97
19) Fluoranthene	19.066	202	37835	1.035	ng/ul	98
20) Pyrene	19.424	202	34326	0.920	ng/ul#	96
21) Benzo(a)anthracene	21.173	228	19753	0.545	ng/ul	94
22) Chrysene	21.224	228	17795	0.453	ng/ul	98
24) Benzo(b)fluoranthene	22.718	252	20950m	0.557	ng/ul	
25) Benzo(k)fluoranthene	22.752	252	8331m	0.218	ng/ul	
26) Benzo(a)pyrene	23.266	252	16946	0.522	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	25.509	276	8201	0.193	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.517	278	2258	0.066	ng/ul#	76
29) Benzo(g,h,i)perylene	26.166	276	6289	0.174	ng/ul#	93

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

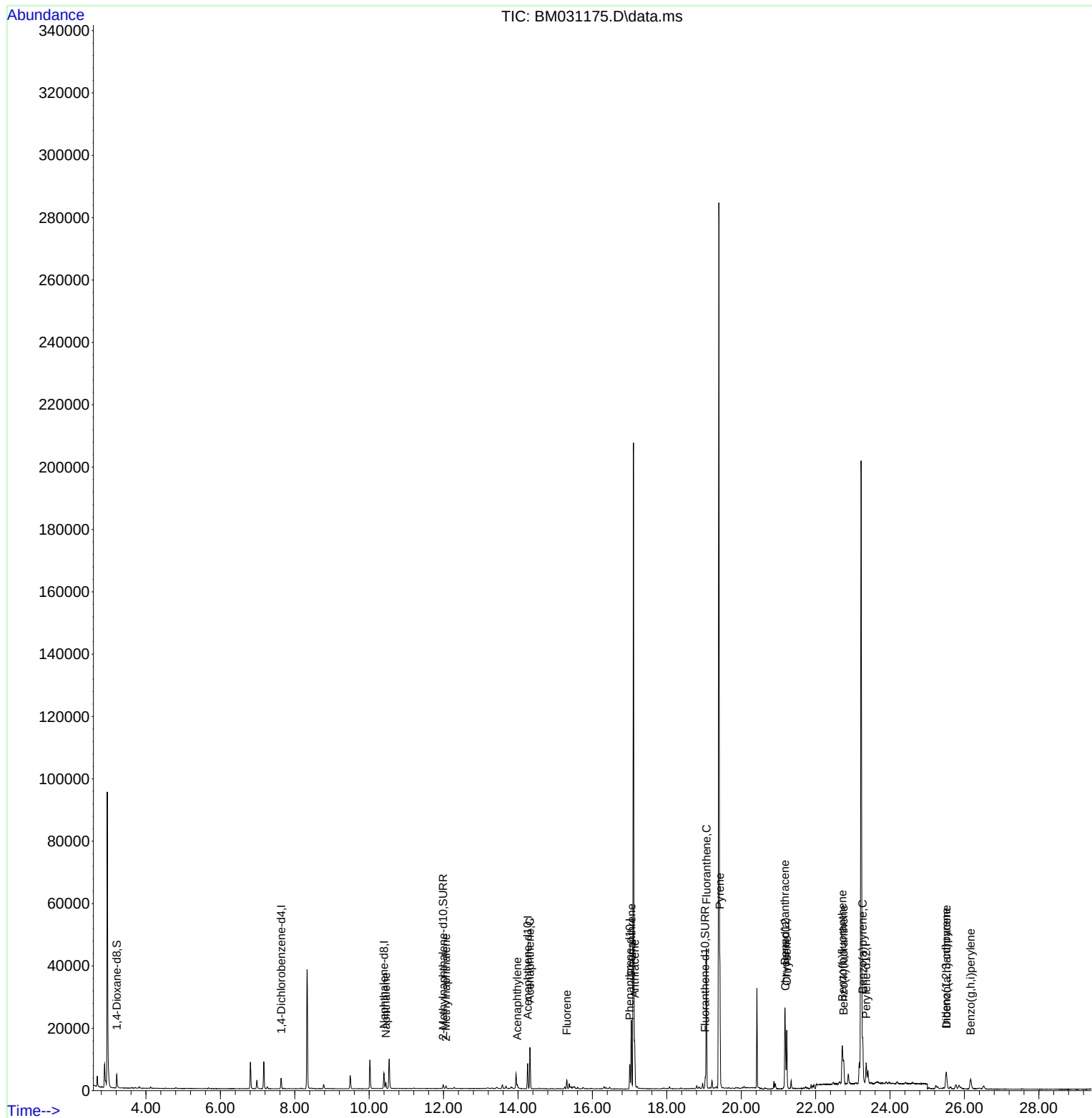
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072621\
Data File : BM031175.D
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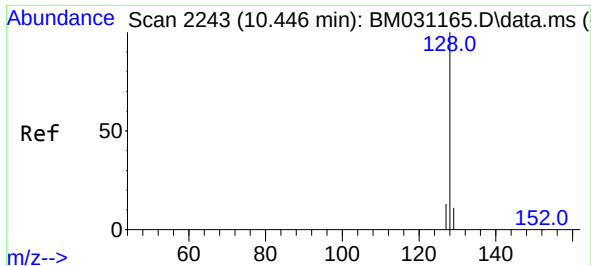
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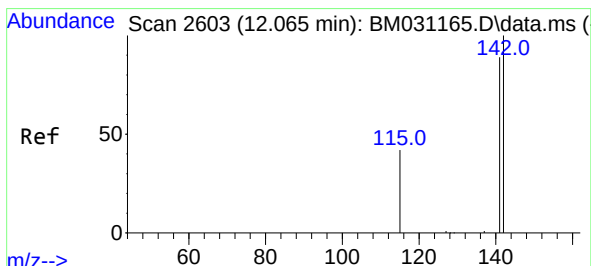
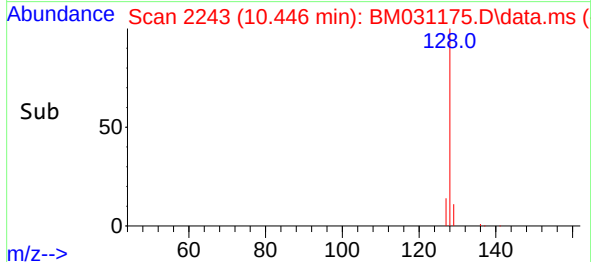
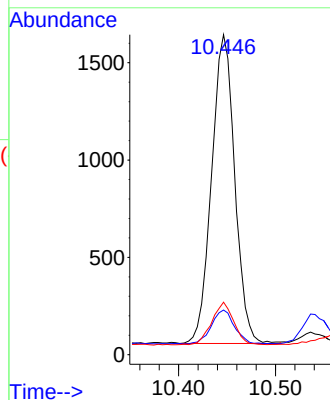
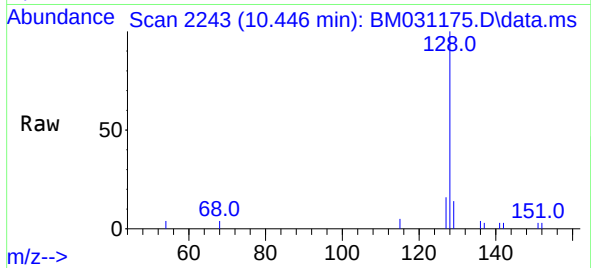
#5
Naphthalene
Concen: 0.135 ng/ul
RT: 10.446 min Scan# 2243
Delta R.T. -0.009 min
Lab File: BM031175.D
Acq: 26 Jul 2021 22:43

Tgt Ion:	128	Resp:	2632
Ion Ratio	Lower	Upper	
128	100		
129	14.0	10.2	15.4
127	16.4	11.8	17.8

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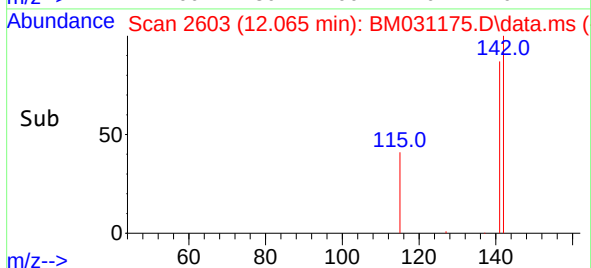
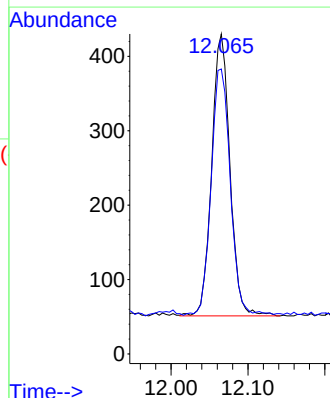
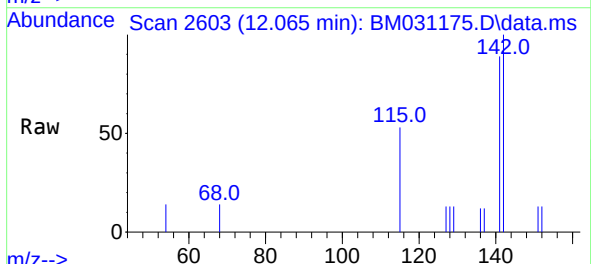
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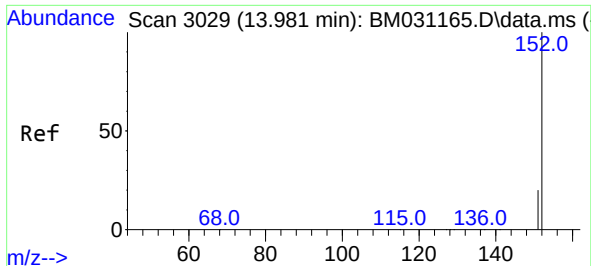
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#7
2-Methylnaphthalene
Concen: 0.045 ng/ul
RT: 12.065 min Scan# 2603
Delta R.T. -0.004 min
Lab File: BM031175.D
Acq: 26 Jul 2021 22:43

Tgt Ion:	142	Resp:	625
Ion Ratio	Lower	Upper	
142	100		
141	92.0	71.5	107.3





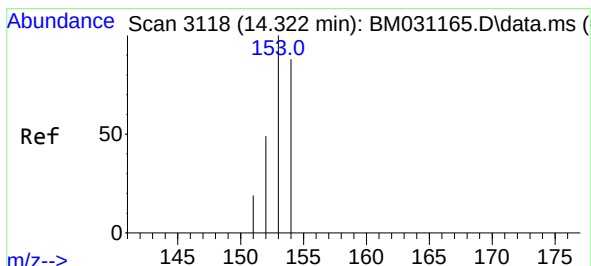
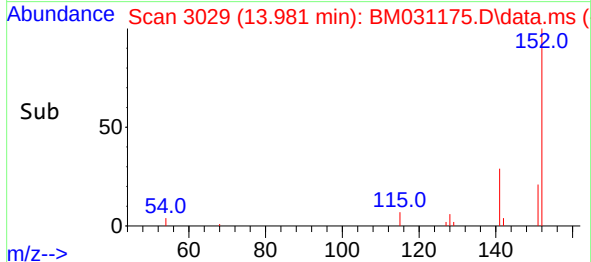
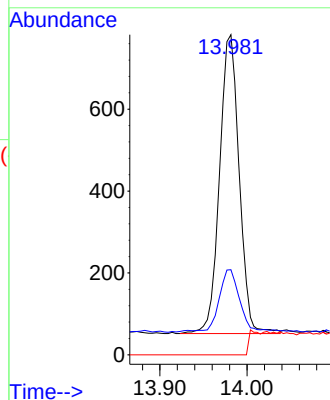
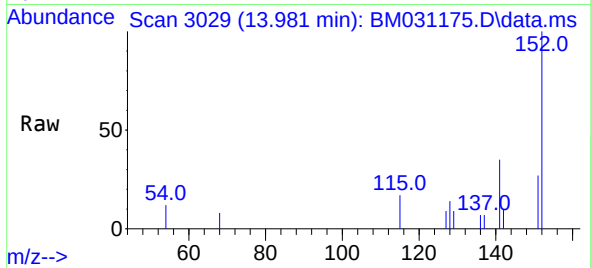
#10
Acenaphthylene
Concen: 0.060 ng/u1
RT: 13.981 min Scan# 3029
Delta R.T. -0.004 min
Lab File: BM031175.D
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Tgt Ion:152 Resp: 1092
Ion Ratio Lower Upper
152 100
151 26.6 17.5 26.3#
153 0.0 0.0 0.0

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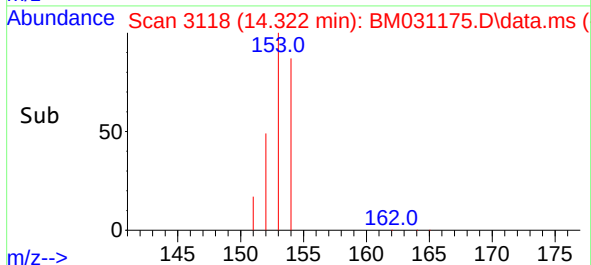
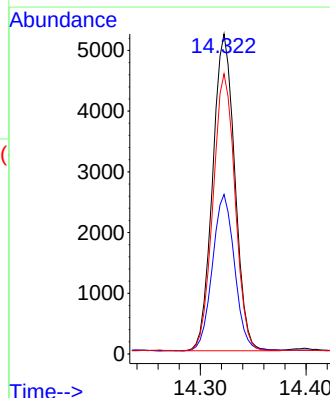
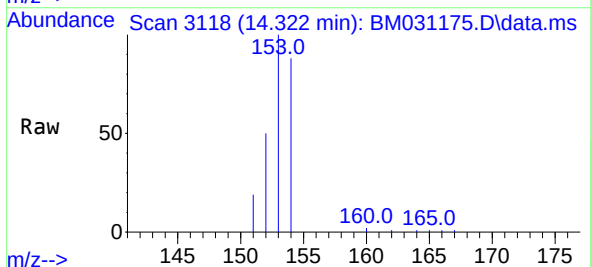
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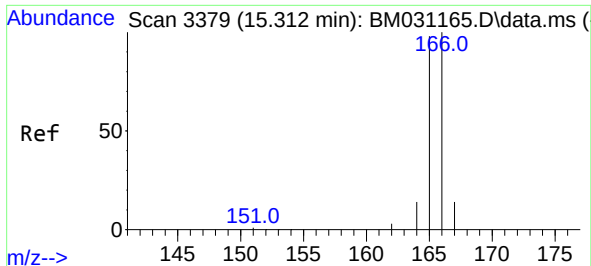
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#11
Acenaphthene
Concen: 0.470 ng/u1
RT: 14.322 min Scan# 3118
Delta R.T. -0.007 min
Lab File: BM031175.D
Acq: 26 Jul 2021 22:43

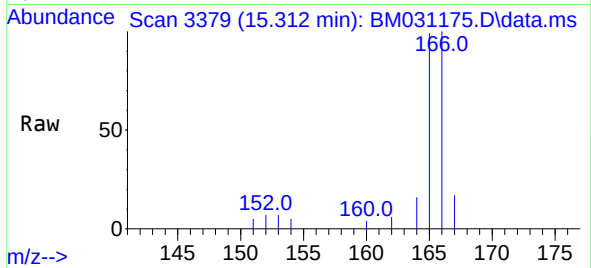
Tgt Ion:153 Resp: 7616
Ion Ratio Lower Upper
153 100
152 49.9 39.4 59.2
154 87.6 68.2 102.4





#12
Fluorene
Concen: 0.093 ng/u1
RT: 15.312 min Scan# 3379
Delta R.T. -0.008 min
Lab File: BM031175.D
Acq: 26 Jul 2021 22:43

Instrument :
BNA_M
ClientSampled :
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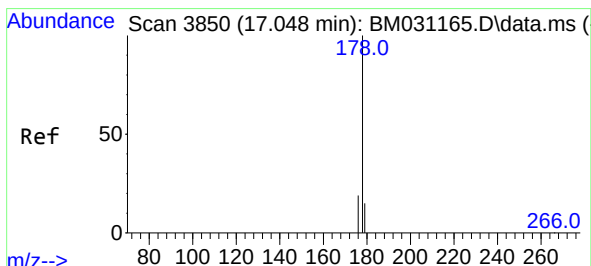
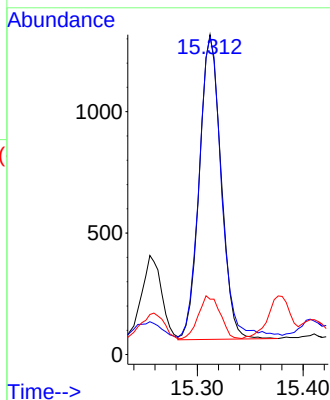
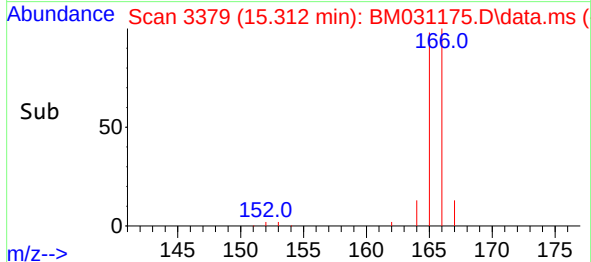


Tgt Ion:166 Resp: 1782

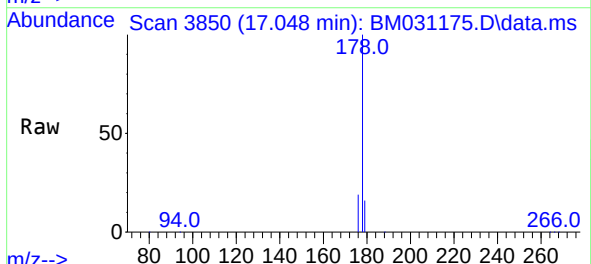
Ion	Ratio	Lower	Upper
166	100		
165	99.3	78.2	117.2
167	17.3	12.3	18.5

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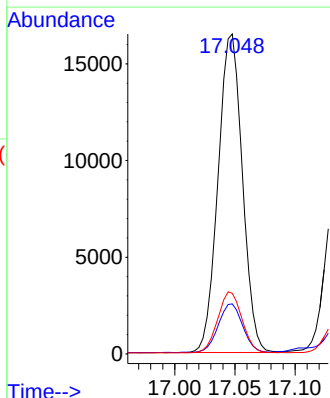
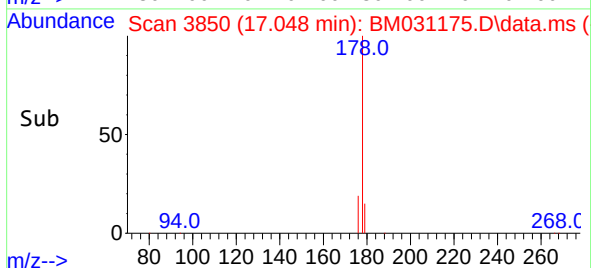


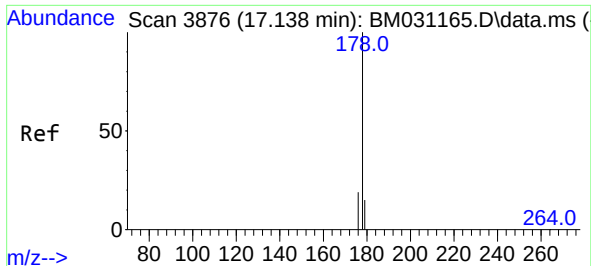
#15
Phenanthrene
Concen: 0.760 ng/u1
RT: 17.048 min Scan# 3850
Delta R.T. -0.007 min
Lab File: BM031175.D
Acq: 26 Jul 2021 22:43



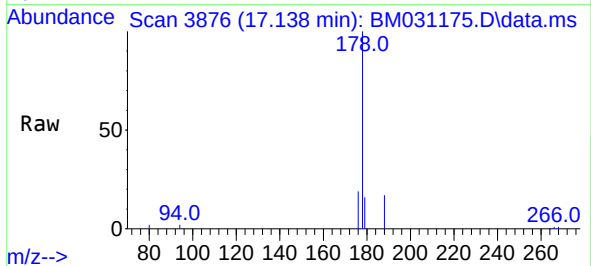
Tgt Ion:178 Resp: 23133

Ion	Ratio	Lower	Upper
178	100		
179	15.6	13.3	19.9
176	18.9	15.4	23.2

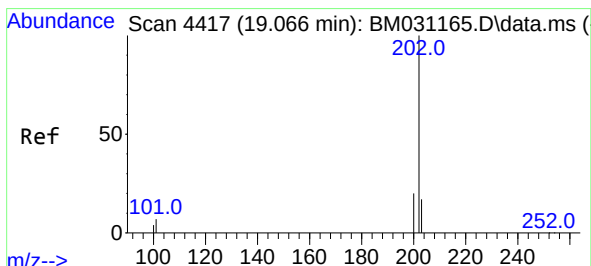
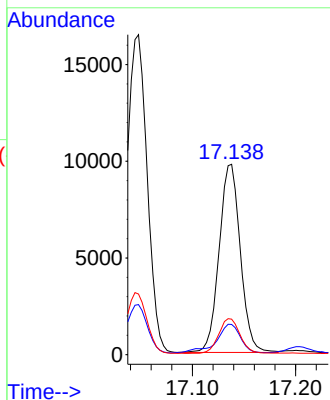
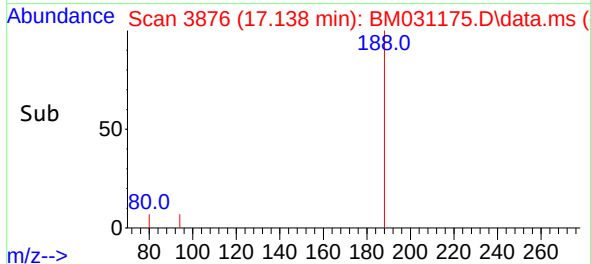




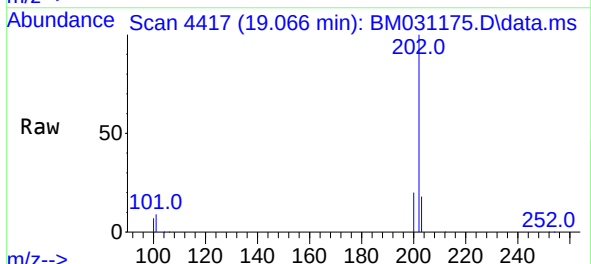
#16
 Anthracene
 Concen: 0.488 ng/u1
 RT: 17.138 min Scan# 3876
 Delta R.T. -0.007 min
 Lab File: BM031175.D
 Acq: 26 Jul 2021 22:43



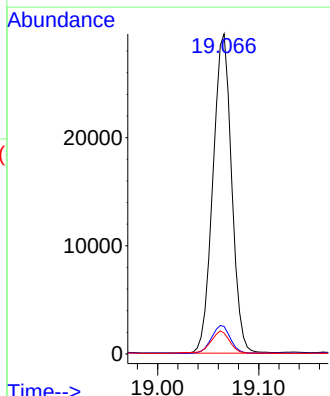
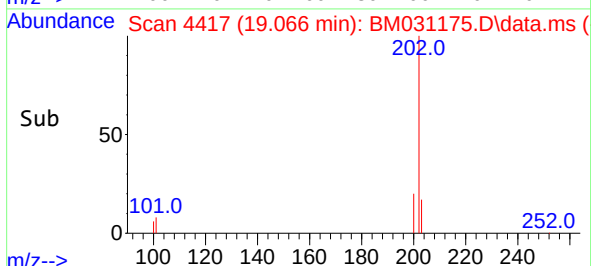
Tgt Ion:178 Resp: 13916
 Ion Ratio Lower Upper
 178 100
 179 15.9 13.8 20.8
 176 18.7 15.7 23.5



#19
 Fluoranthene
 Concen: 1.035 ng/u1
 RT: 19.066 min Scan# 4417
 Delta R.T. -0.008 min
 Lab File: BM031175.D
 Acq: 26 Jul 2021 22:43



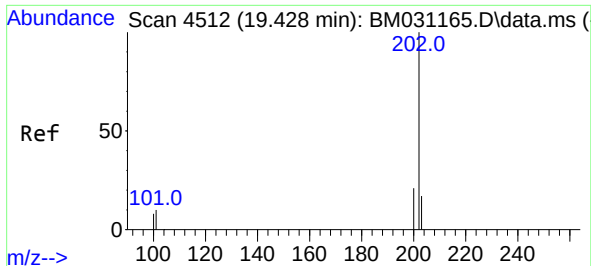
Tgt Ion:202 Resp: 37835
 Ion Ratio Lower Upper
 202 100
 101 8.6 6.0 9.0
 100 6.5 4.8 7.2



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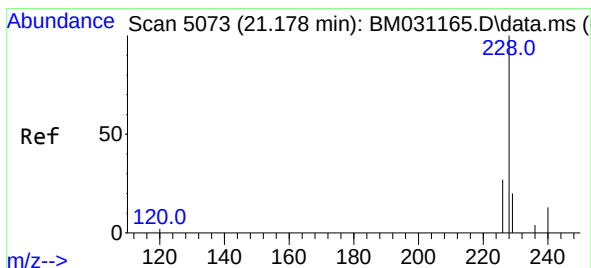
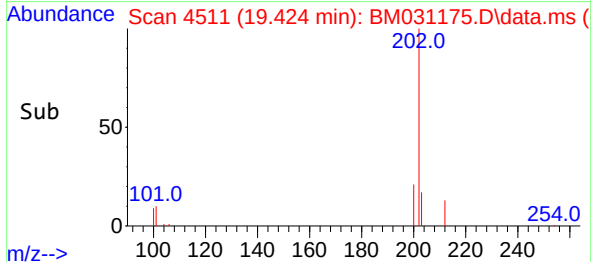
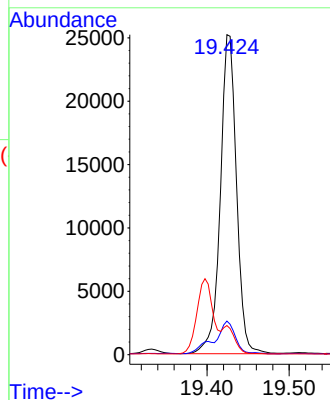
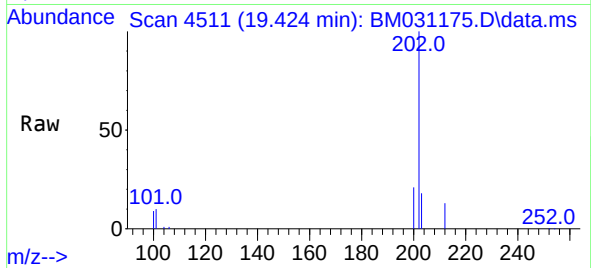
#20
Pyrene
Concen: 0.920 ng/ul
RT: 19.424 min Scan# 4511
Delta R.T. -0.011 min
Lab File: BM031175.D
Acq: 26 Jul 2021 22:43

Tgt Ion:202 Resp: 34326
Ion Ratio Lower Upper
202 100
101 10.5 7.4 11.0
100 9.1 6.0 9.0#

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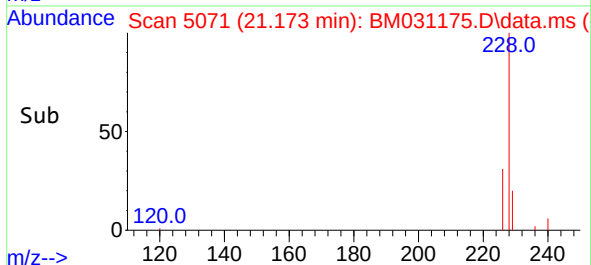
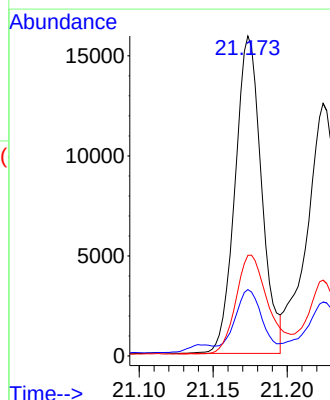
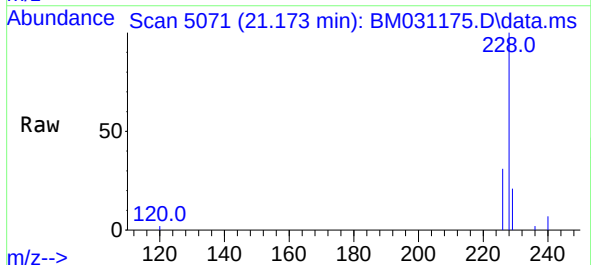
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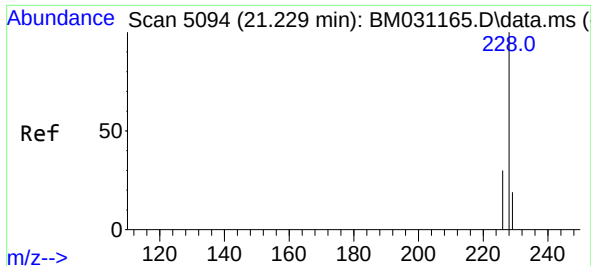
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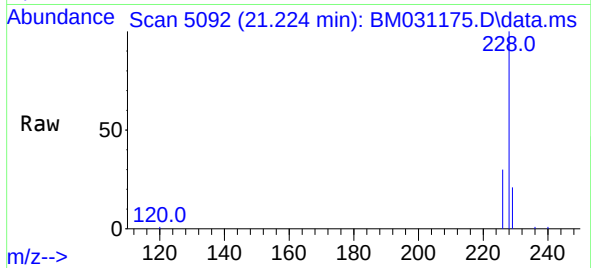
#21
Benzo(a)anthracene
Concen: 0.545 ng/ul
RT: 21.173 min Scan# 5071
Delta R.T. -0.010 min
Lab File: BM031175.D
Acq: 26 Jul 2021 22:43

Tgt Ion:228 Resp: 19753
Ion Ratio Lower Upper
228 100
229 20.8 16.0 24.0
226 31.5 21.4 32.2

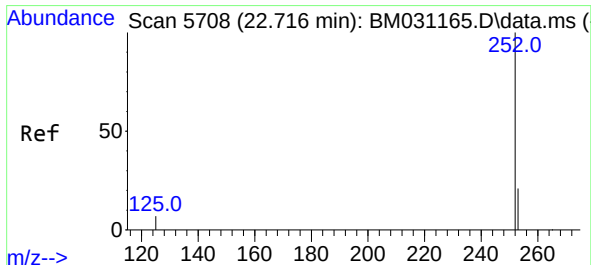
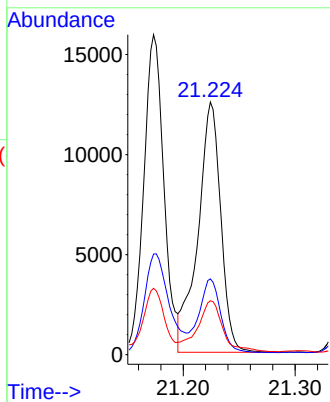
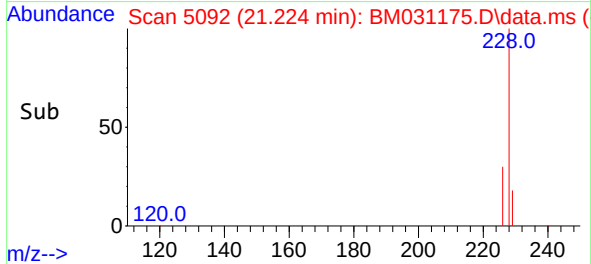




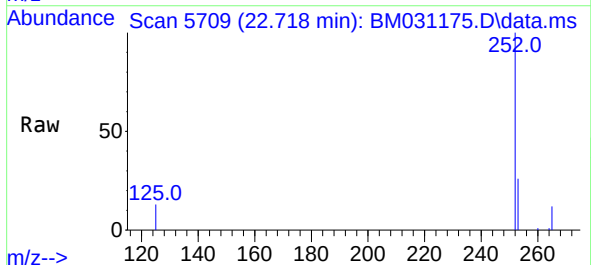
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Chrysene
Concen: 0.453 ng/u1
RT: 21.224 min Scan# 5092
Delta R.T. -0.010 min
Lab File: BM031175.D
Acq: 26 Jul 2021 22:43



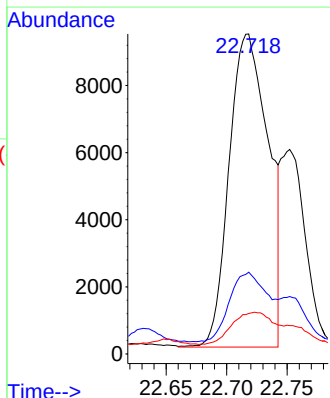
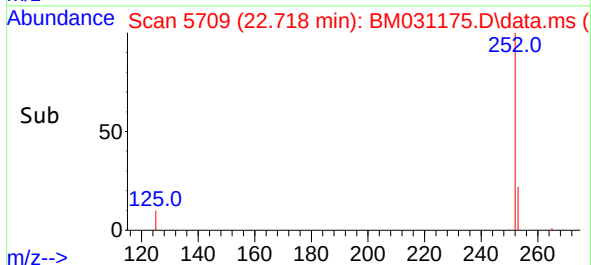
Tgt Ion:228 Resp: 17795
Ion Ratio Lower Upper
228 100
226 30.0 24.5 36.7
229 21.3 15.8 23.8



#24
Benzo(b)fluoranthene
Concen: 0.557 ng/u1 m
RT: 22.718 min Scan# 5709
Delta R.T. -0.007 min
Lab File: BM031175.D
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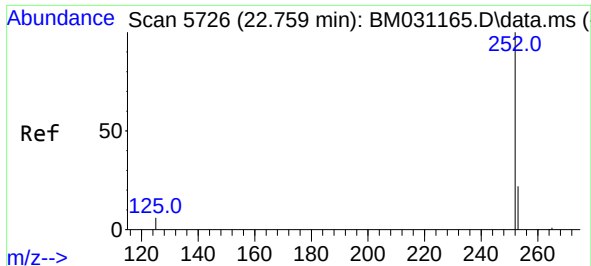
Tgt Ion:252 Resp: 20950
Ion Ratio Lower Upper
252 100
253 25.6 0.0 52.8
125 12.7 0.0 20.2



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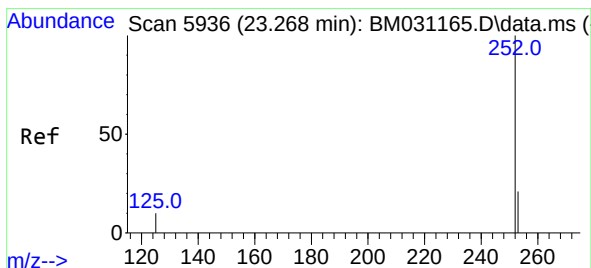
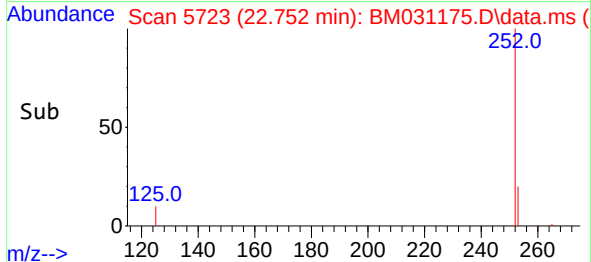
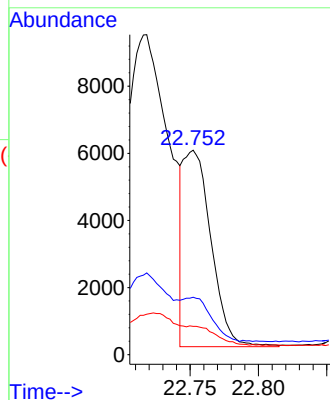
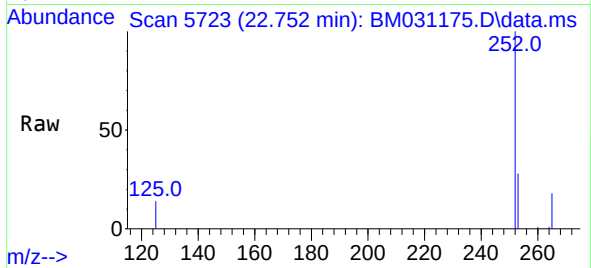
#25
Benzo(k)fluoranthene
Concen: 0.218 ng/ul m
RT: 22.752 min Scan# 5723
Delta R.T. -0.017 min
Lab File: BM031175.D
Acq: 26 Jul 2021 22:43

Tgt Ion:252 Resp: 8331
Ion Ratio Lower Upper
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125 13.8 8.6 13.0#

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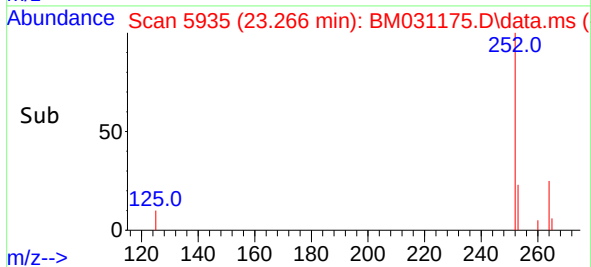
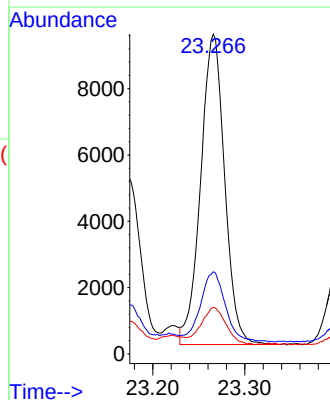
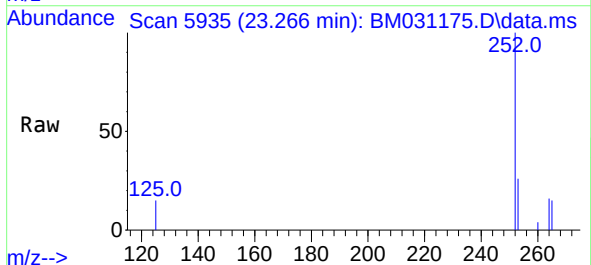
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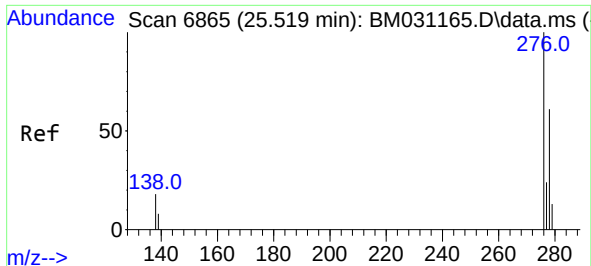
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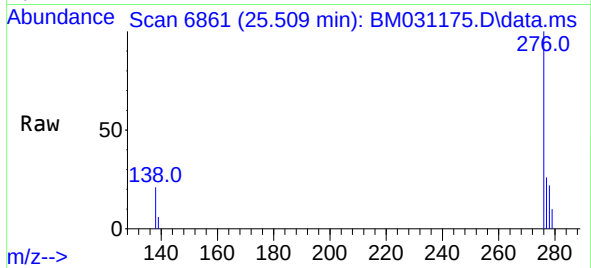
#26
Benzo(a)pyrene
Concen: 0.522 ng/ul
RT: 23.266 min Scan# 5935
Delta R.T. -0.014 min
Lab File: BM031175.D
Acq: 26 Jul 2021 22:43

Tgt Ion:252 Resp: 16946
Ion Ratio Lower Upper
252 100
253 25.7 23.1 34.7
125 14.6 10.7 16.1

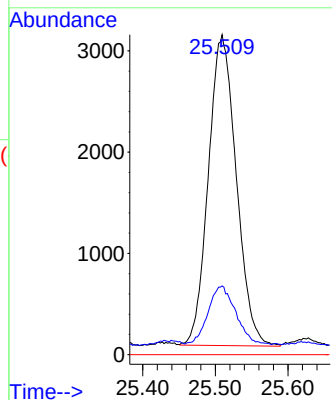




#27
Indeno(1,2,3-cd)pyrene
Concen: 0.193 ng/ul
RT: 25.509 min Scan# 6861
Delta R.T. -0.024 min
Lab File: BM031175.D
Acq: 26 Jul 2021 22:43



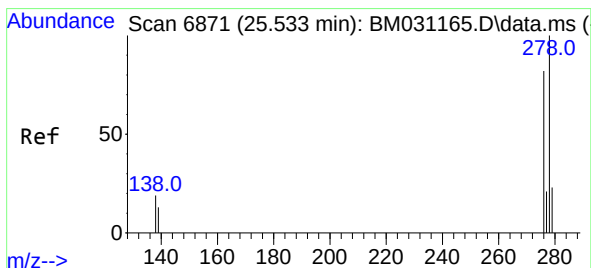
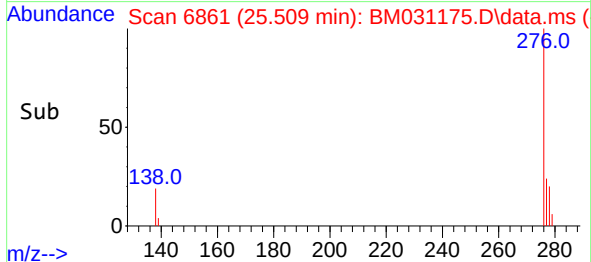
Tgt Ion: 276 Resp: 8201
Ion Ratio Lower Upper
276 100
138 18.6 15.4 23.0
227 0.0 0.0 0.0



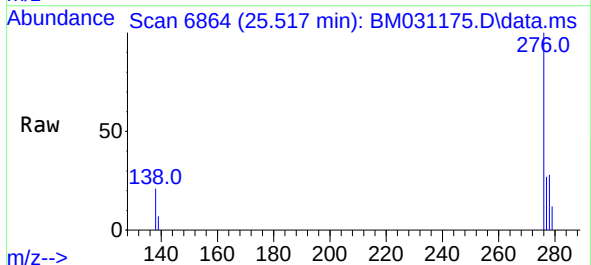
Instrument :
BNA_M
ClientSampleId :
BGEE1

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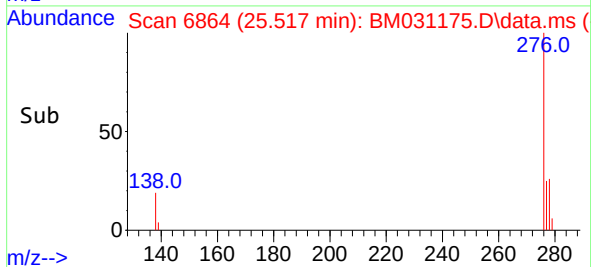
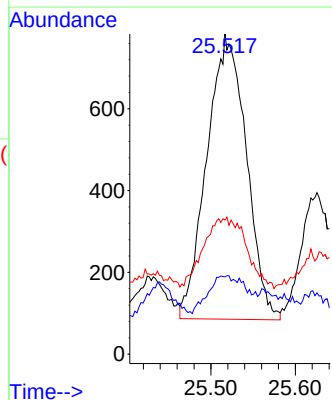
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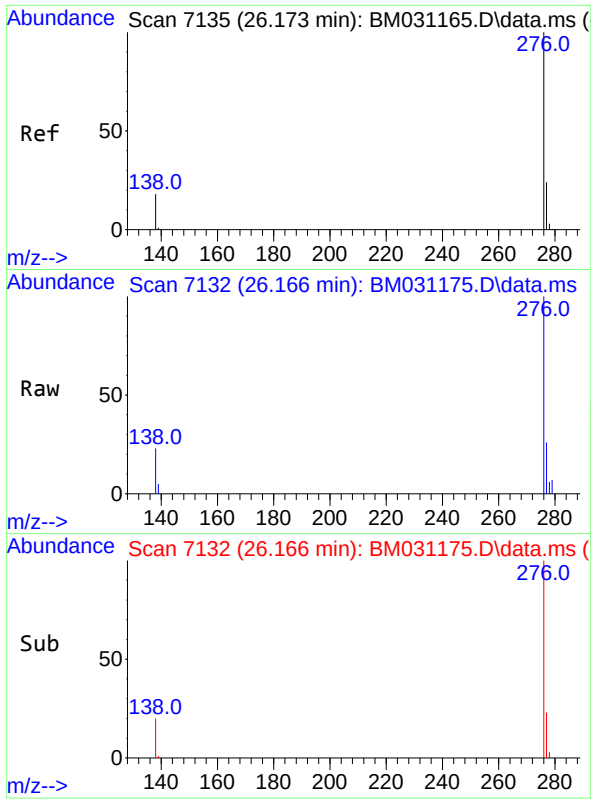


#28
Dibenzo(a,h)anthracene
Concen: 0.066 ng/ul
RT: 25.517 min Scan# 6864
Delta R.T. -0.036 min
Lab File: BM031175.D
Acq: 26 Jul 2021 22:43



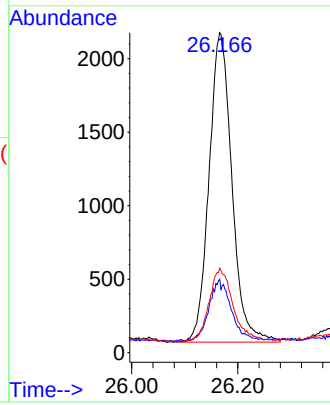
Tgt Ion: 278 Resp: 2258
Ion Ratio Lower Upper
278 100
139 24.1 12.6 18.8#
279 41.9 22.6 34.0#





#29
Benzo(g,h,i)perylene
Concen: 0.174 ng/ul
RT: 26.166 min Scan# 7132
Delta R.T. -0.027 min
Lab File: BM031175.D
Acq: 26 Jul 2021 22:43

Tgt Ion:276 Resp: 6289
Ion Ratio Lower Upper
276 100
138 23.0 14.0 21.0#
277 26.4 19.9 29.9



Instrument :
BNA_M
ClientSampleId :
BGEE1

Manual Integrations
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