

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072921\
 Data File : BM031317.D
 Acq On : 31 Jul 2021 18:11
 Operator : CG/JU
 Sample : M3084-11RE
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0029RE

Manual Integrations
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Quant Time: Aug 02 01:12:59 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM072821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 30 14:16:52 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.607	152	1667	0.400	ng/ul	0.00
4) Naphthalene-d8	10.370	136	6648	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.235	164	4429	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.985	188	8708	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.173	240	9859	0.400	ng/ul	0.00
23) Perylene-d12	23.338	264	6593	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.192	96	5047	2.726	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	11.962	152	1925	0.172	ng/ul	0.00
18) Fluoranthene-d10	19.016	212	4811	0.146	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.419	128	16941	0.855	ng/ul	98
7) 2-Methylnaphthalene	12.038	142	11567	0.855	ng/ul	99
8) 1-Methylnaphthalene	12.258	142	8790	0.658	ng/ul	99
10) Acenaphthylene	13.959	152	1065	0.056	ng/ul#	76
11) Acenaphthene	14.299	153	5721	0.360	ng/ul	99
12) Fluorene	15.289	166	9381	0.513	ng/ul#	95
15) Phenanthrene	17.027	178	159602	5.772	ng/ul	97
16) Anthracene	17.117	178	25838	0.998	ng/ul	99
19) Fluoranthene	19.046	202	154408	3.668	ng/ul	98
20) Pyrene	19.409	202	115455	2.704	ng/ul	96
21) Benzo(a)anthracene	21.159	228	56385	1.416	ng/ul	97
22) Chrysene	21.209	228	60360	1.465	ng/ul	96
24) Benzo(b)fluoranthene	22.696	252	60832m	2.048	ng/ul	
25) Benzo(k)fluoranthene	22.732	252	21289m	0.694	ng/ul	
26) Benzo(a)pyrene	23.244	252	39892	1.533	ng/ul	94
27) Indeno(1,2,3-cd)pyrene	25.477	276	24777	0.737	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.487	278	7719	0.285	ng/ul#	82
29) Benzo(g,h,i)perylene	26.134	276	19322	0.674	ng/ul	97

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

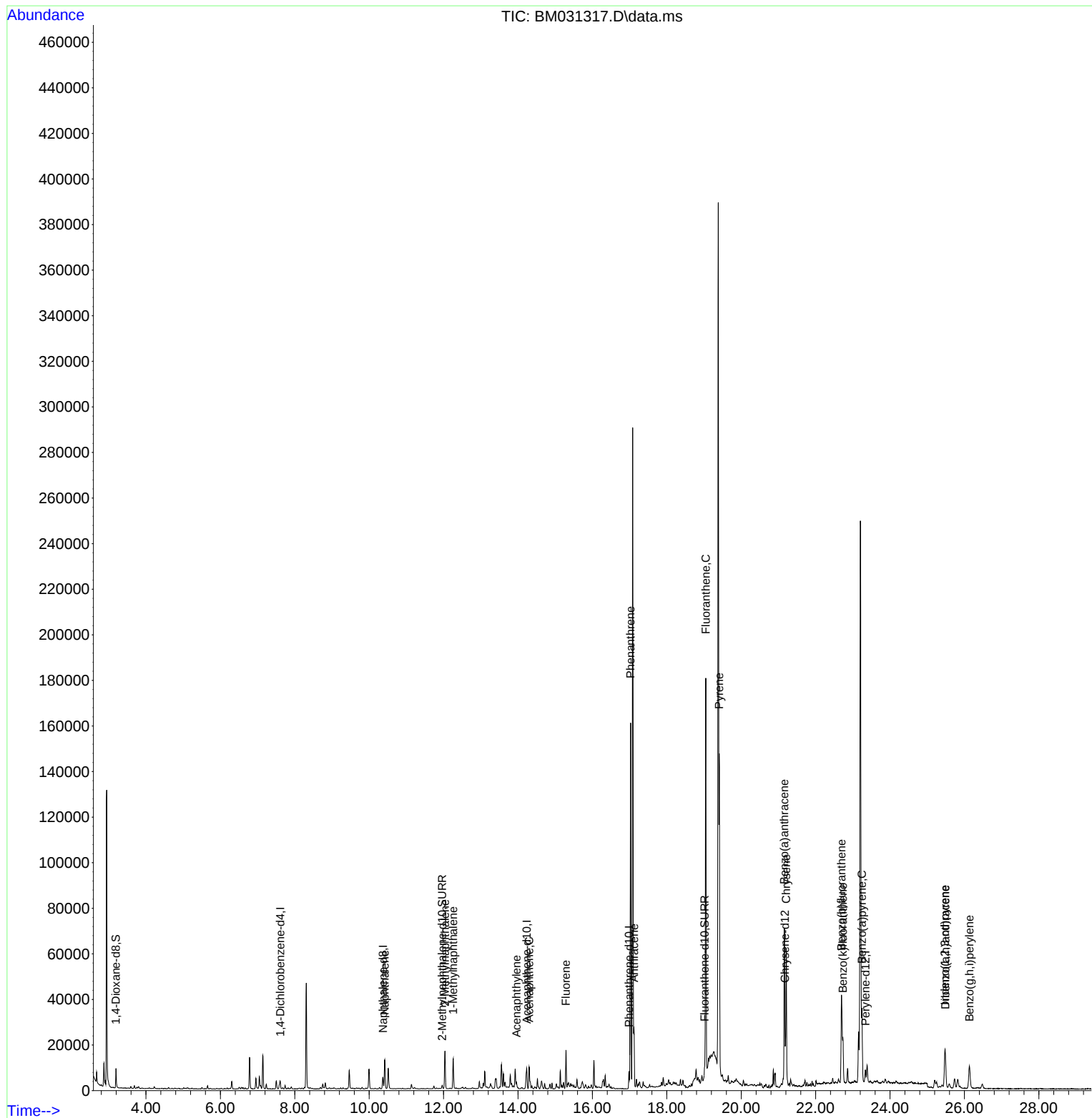
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Data File : BM031317.D
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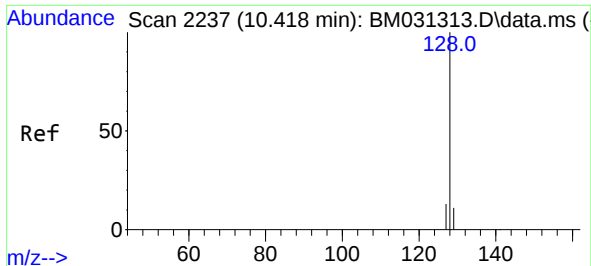
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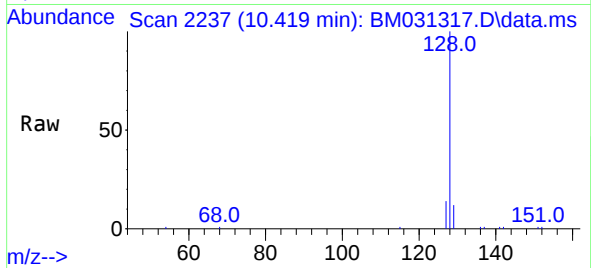
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Quant Time: Aug 02 01:12:59 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 30 14:16:52 2021
Response via : Initial Calibration

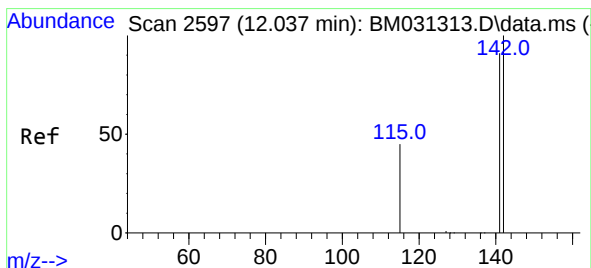
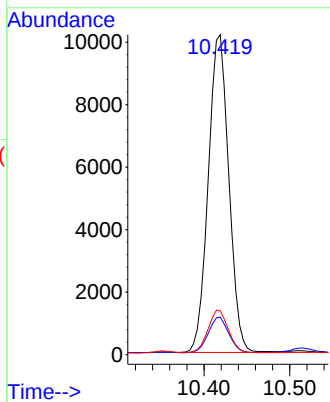
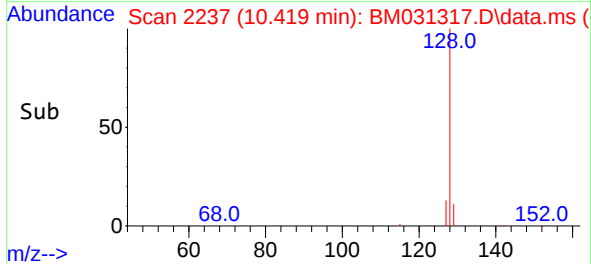




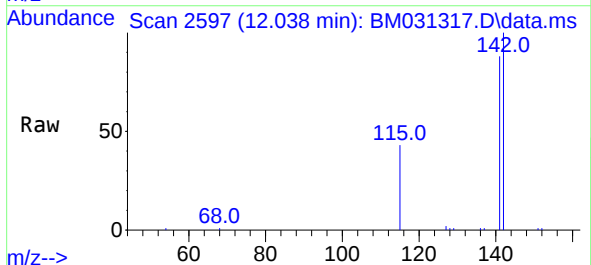
#5
Naphthalene
Concen: 0.855 ng/ul
RT: 10.419 min Scan# 2237
Delta R.T. -0.004 min
Lab File: BM031317.D
Acq: 31 Jul 2021 18:11



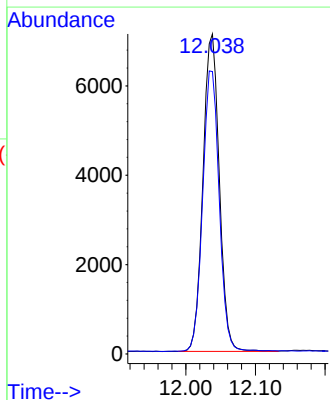
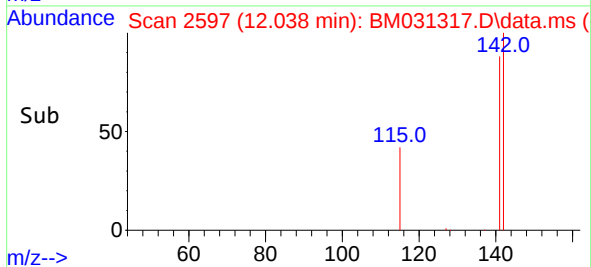
Tgt Ion:	128	Resp:	16941
Ion Ratio	Lower	Upper	
128	100		
129	11.7	10.0	15.0
127	13.7	11.6	17.4



#7
2-Methylnaphthalene
Concen: 0.855 ng/ul
RT: 12.038 min Scan# 2597
Delta R.T. -0.004 min
Lab File: BM031317.D
Acq: 31 Jul 2021 18:11



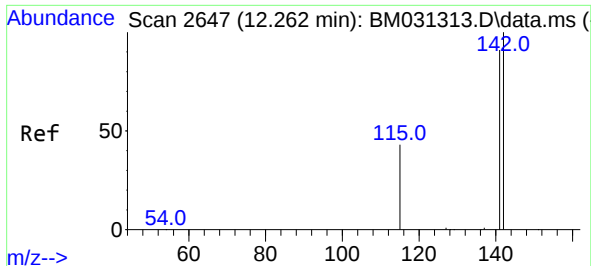
Tgt Ion:	142	Resp:	11567
Ion Ratio	Lower	Upper	
142	100		
141	89.9	71.4	107.0



Instrument :
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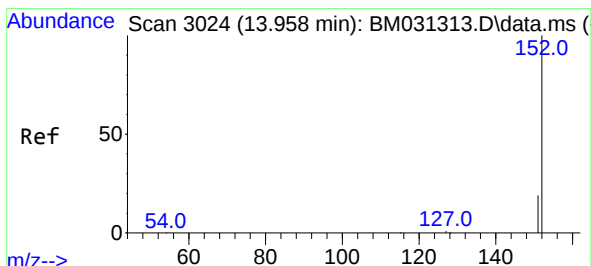
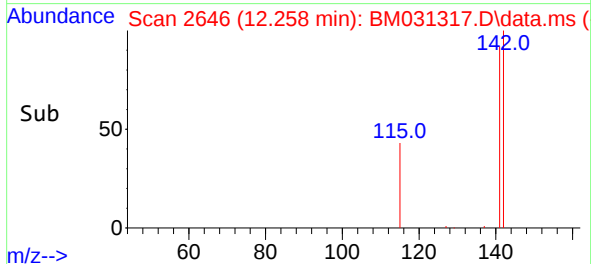
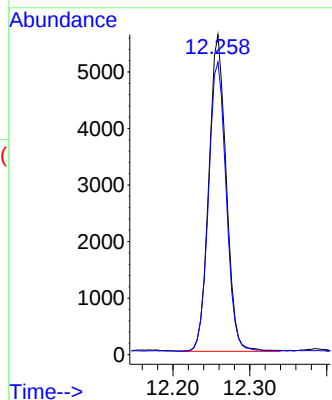
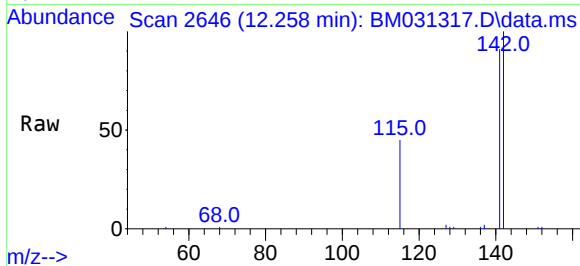
#8
1-Methylnaphthalene
Concen: 0.658 ng/ul
RT: 12.258 min Scan# 2646
Delta R.T. -0.008 min
Lab File: BM031317.D
Acq: 31 Jul 2021 18:11

Tgt Ion:142 Resp: 8790
Ion Ratio Lower Upper
142 100
141 93.2 74.1 111.1

Instrument :
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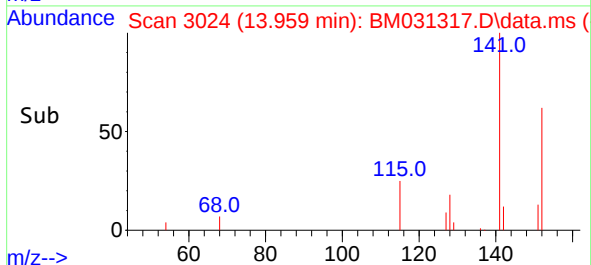
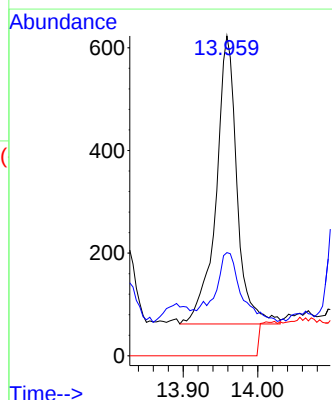
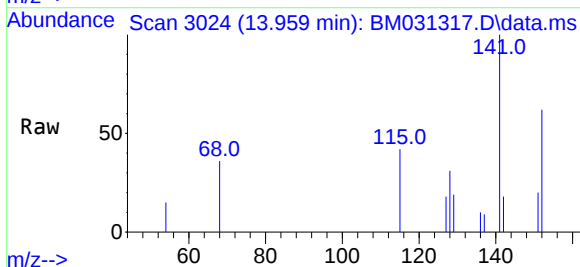
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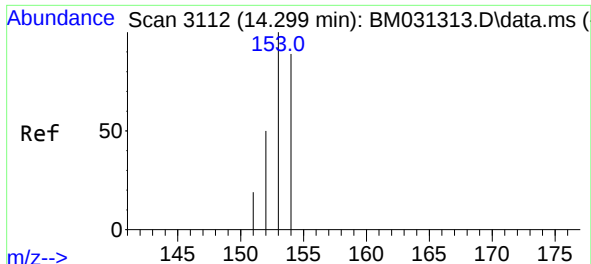
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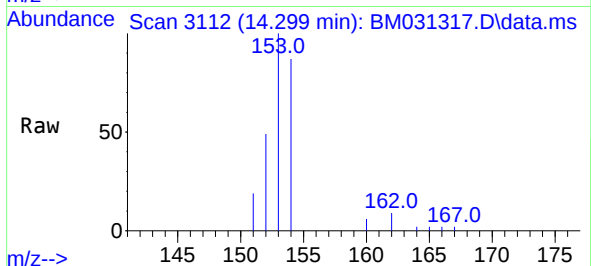
#10
Acenaphthylene
Concen: 0.056 ng/ul
RT: 13.959 min Scan# 3024
Delta R.T. -0.004 min
Lab File: BM031317.D
Acq: 31 Jul 2021 18:11

Tgt Ion:152 Resp: 1065
Ion Ratio Lower Upper
152 100
151 32.3 16.9 25.3#
153 0.0 0.0 0.0

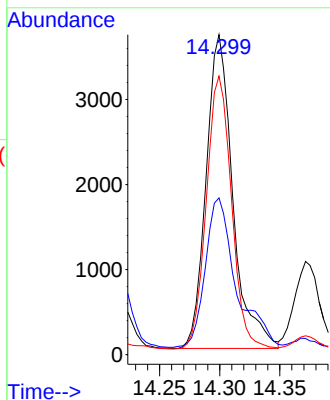
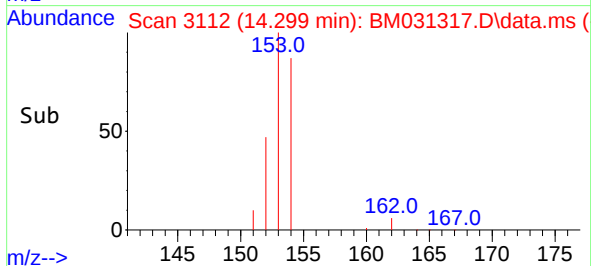




#11
Acenaphthene
Concen: 0.360 ng/ul
RT: 14.299 min Scan# 3112
Delta R.T. -0.004 min
Lab File: BM031317.D
Acq: 31 Jul 2021 18:11



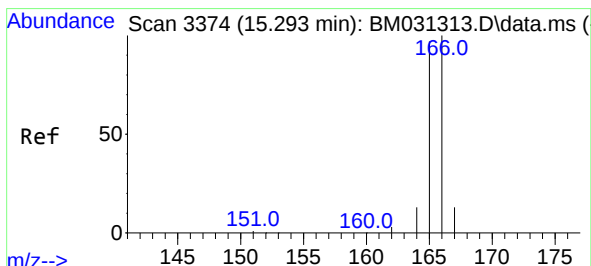
Tgt Ion:153 Resp: 5721
Ion Ratio Lower Upper
153 100
152 49.0 40.7 61.1
154 87.1 70.2 105.2



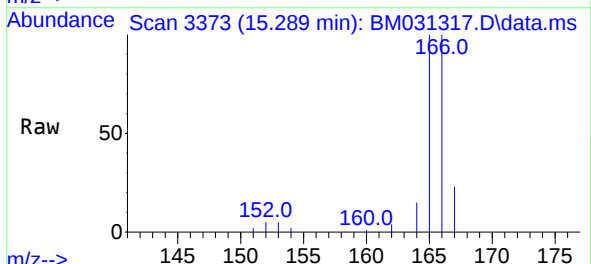
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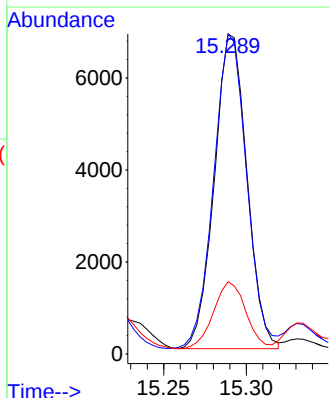
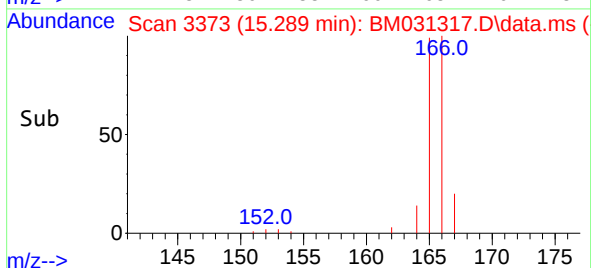
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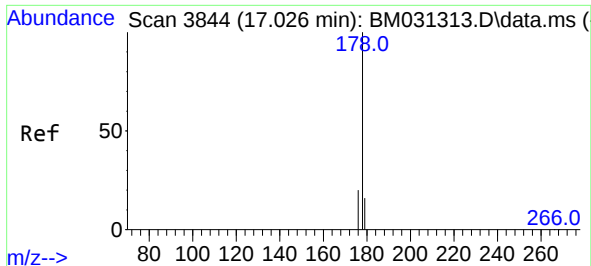


#12
Fluorene
Concen: 0.513 ng/ul
RT: 15.289 min Scan# 3373
Delta R.T. -0.007 min
Lab File: BM031317.D
Acq: 31 Jul 2021 18:11



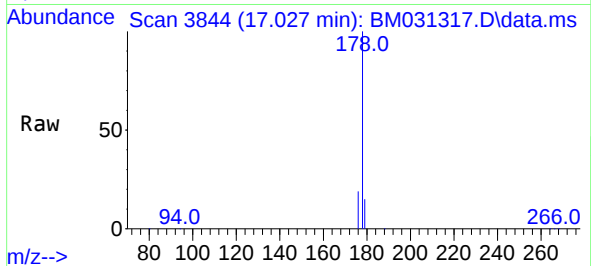
Tgt Ion:166 Resp: 9381
Ion Ratio Lower Upper
166 100
165 100.0 78.0 117.0
167 22.6 12.0 18.0#





#15
Phenanthrene
Concen: 5.772 ng/ul
RT: 17.027 min Scan# 3844
Delta R.T. -0.003 min
Lab File: BM031317.D
Acq: 31 Jul 2021 18:11

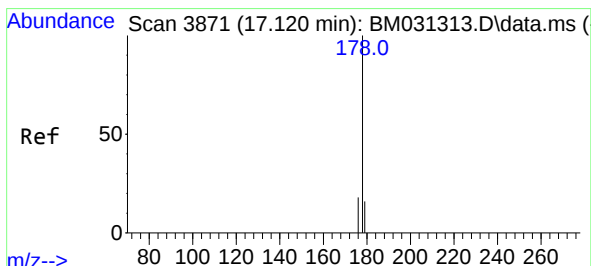
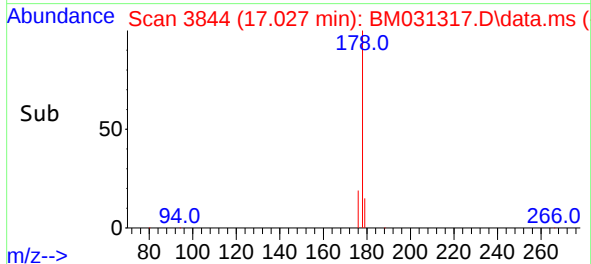
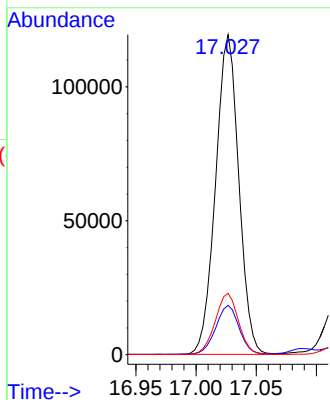
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ClientSampleId :
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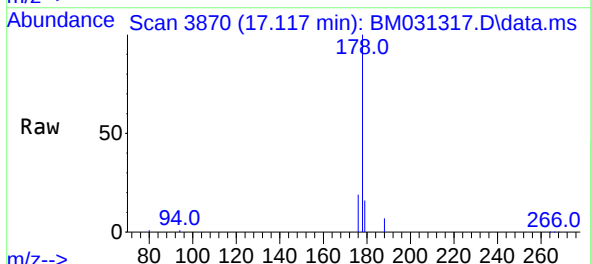
Tgt Ion:178 Resp: 159602
Ion Ratio Lower Upper
178 100
179 15.4 13.3 19.9
176 19.1 16.2 24.4

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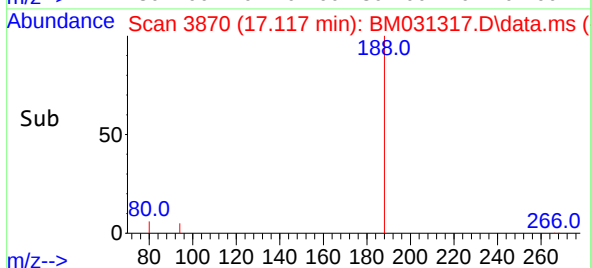
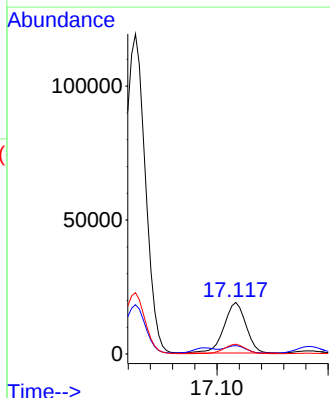
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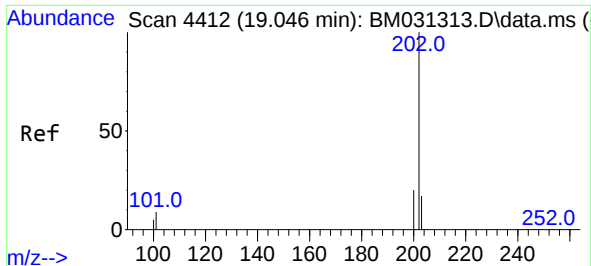


#16
Anthracene
Concen: 0.998 ng/ul
RT: 17.117 min Scan# 3870
Delta R.T. -0.003 min
Lab File: BM031317.D
Acq: 31 Jul 2021 18:11



Tgt Ion:178 Resp: 25838
Ion Ratio Lower Upper
178 100
179 16.1 13.0 19.6
176 18.8 15.6 23.4





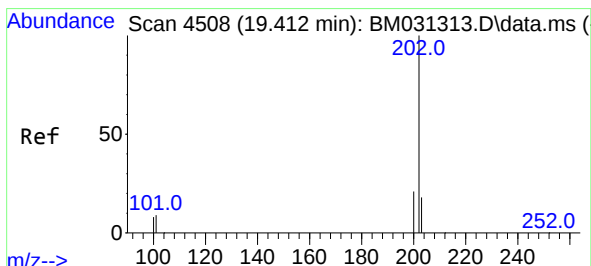
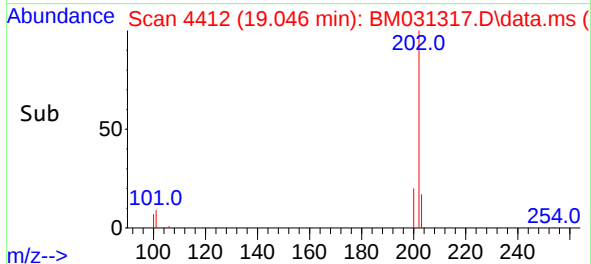
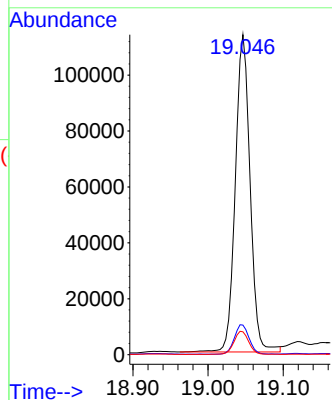
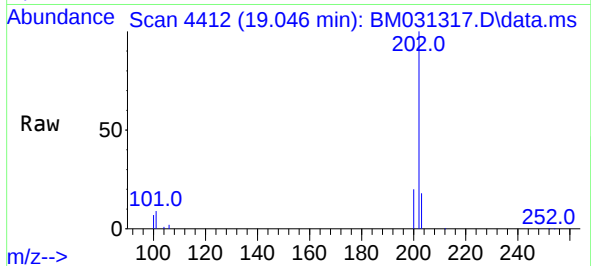
#19
Fluoranthene
Concen: 3.668 ng/ul
RT: 19.046 min Scan# 4412
Delta R.T. -0.004 min
Lab File: BM031317.D
Acq: 31 Jul 2021 18:11

Tgt Ion:202 Resp: 154408
Ion Ratio Lower Upper
202 100
101 9.2 6.6 10.0
100 7.2 5.4 8.0

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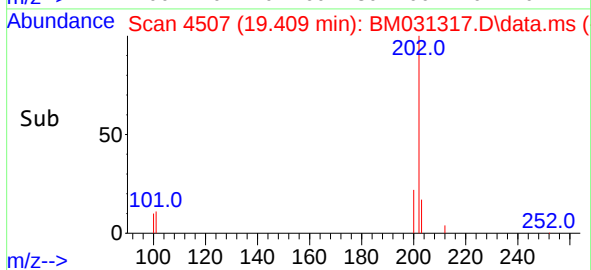
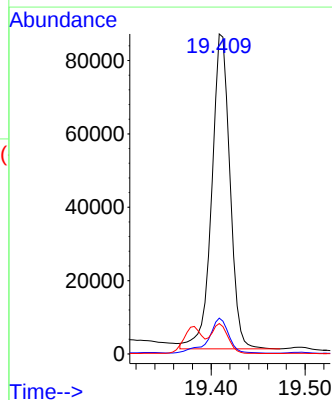
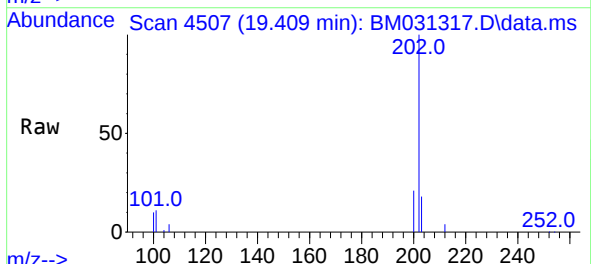
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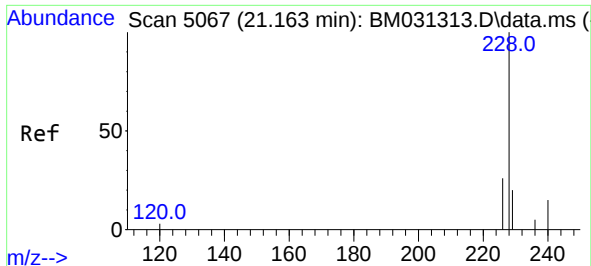
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#20
Pyrene
Concen: 2.704 ng/ul
RT: 19.409 min Scan# 4507
Delta R.T. -0.004 min
Lab File: BM031317.D
Acq: 31 Jul 2021 18:11

Tgt Ion:202 Resp: 115455
Ion Ratio Lower Upper
202 100
101 11.2 7.8 11.6
100 9.5 6.6 10.0





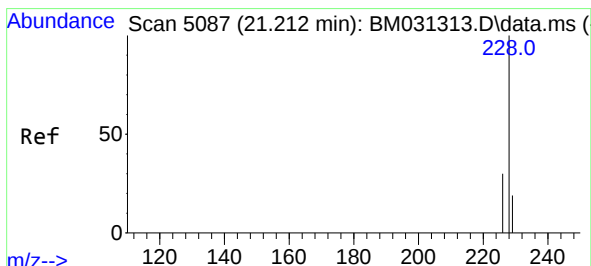
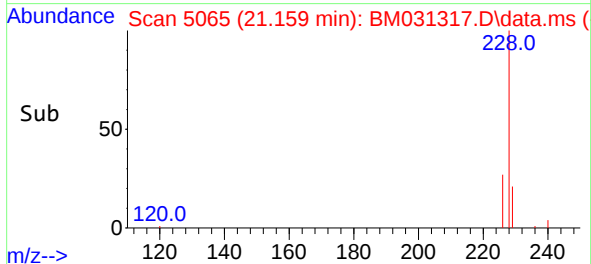
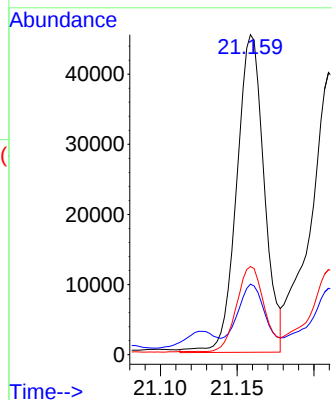
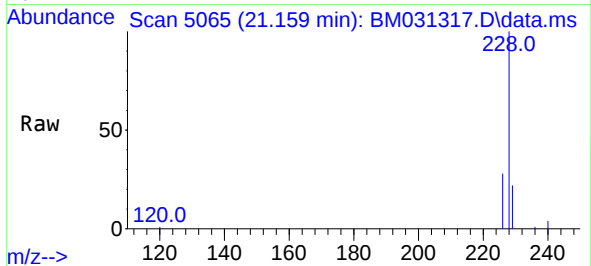
#21
Benzo(a)anthracene
Concen: 1.416 ng/ul
RT: 21.159 min Scan# 5065
Delta R.T. -0.002 min
Lab File: BM031317.D
Acq: 31 Jul 2021 18:11

Tgt Ion:	228	Resp:	56385
Ion Ratio	Lower	Upper	
228	100		
229	22.0	15.6	23.4
226	27.5	21.7	32.5

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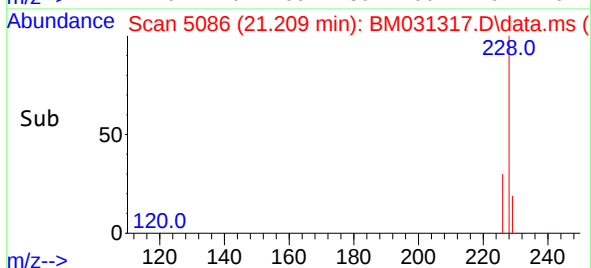
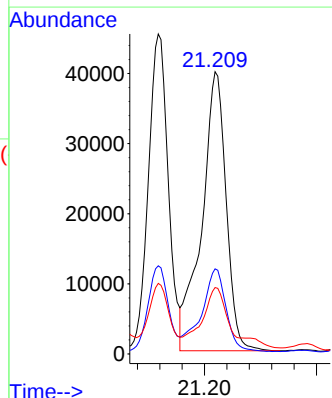
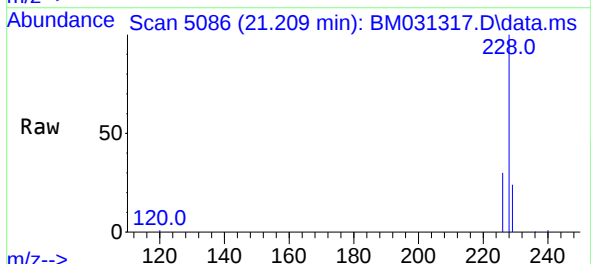
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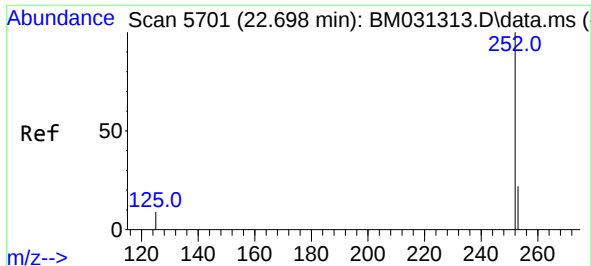
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#22
Chrysene
Concen: 1.465 ng/ul
RT: 21.209 min Scan# 5086
Delta R.T. -0.005 min
Lab File: BM031317.D
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Tgt Ion:	228	Resp:	60360
Ion Ratio	Lower	Upper	
228	100		
226	30.2	24.7	37.1
229	23.5	16.2	24.2





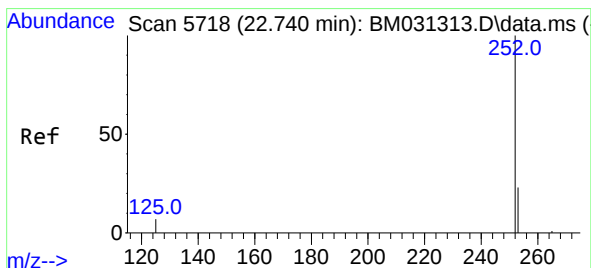
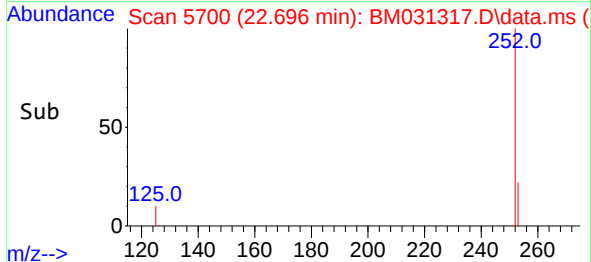
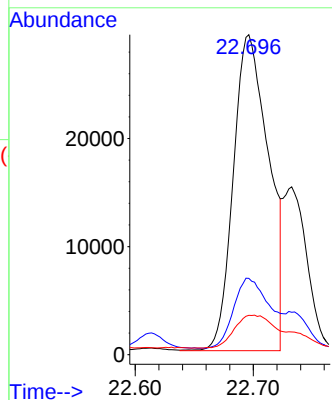
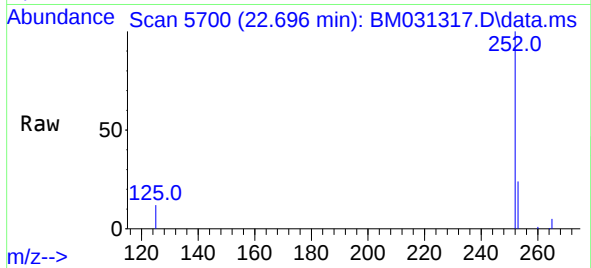
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Benzo(b)fluoranthene
Concen: 2.048 ng/ul m
RT: 22.696 min Scan# 5700
Delta R.T. -0.002 min
Lab File: BM031317.D
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Tgt Ion:252 Resp: 60832
Ion Ratio Lower Upper
252 100
253 23.8 0.0 53.0
125 12.3 0.0 22.8

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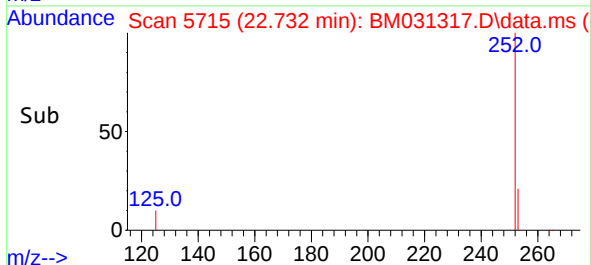
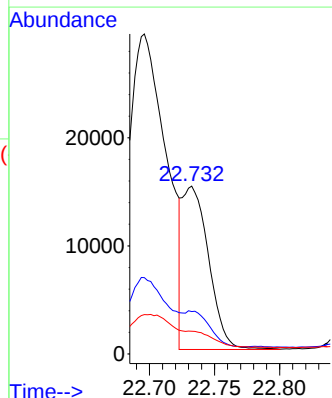
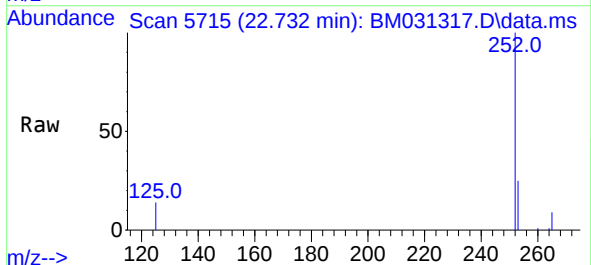
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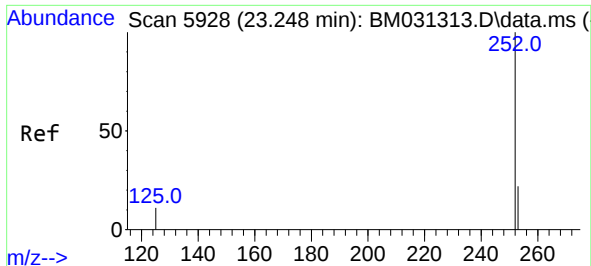
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#25
Benzo(k)fluoranthene
Concen: 0.694 ng/ul m
RT: 22.732 min Scan# 5715
Delta R.T. -0.007 min
Lab File: BM031317.D
Acq: 31 Jul 2021 18:11

Tgt Ion:252 Resp: 21289
Ion Ratio Lower Upper
252 100
253 25.3 21.3 31.9
125 13.5 8.8 13.2#





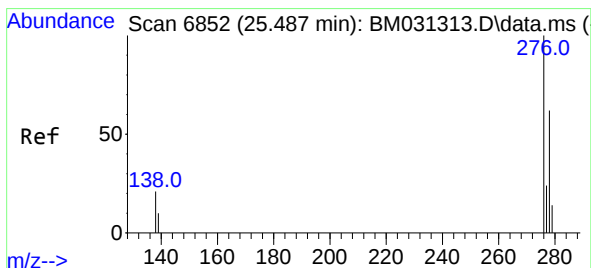
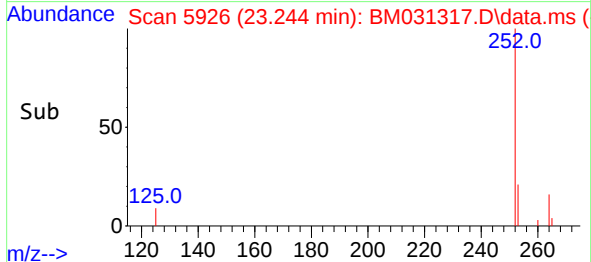
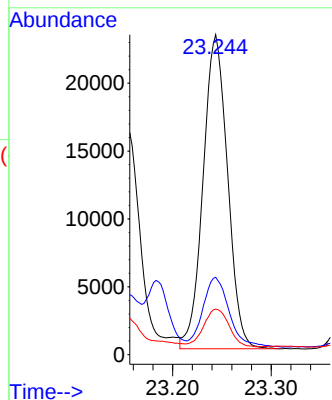
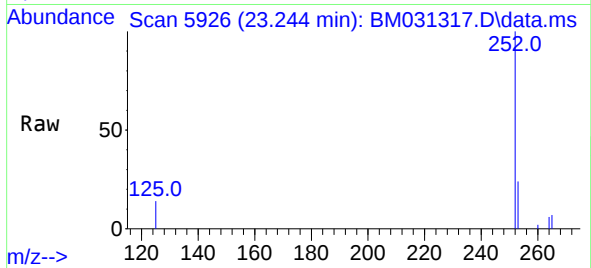
#26
Benzo(a)pyrene
Concen: 1.533 ng/ul
RT: 23.244 min Scan# 5926
Delta R.T. -0.005 min
Lab File: BM031317.D
Acq: 31 Jul 2021 18:11

Tgt Ion:	252	Resp:	39892
Ion Ratio	Lower	Upper	
252	100		
253	24.2	22.4	33.6
125	14.3	13.0	19.4

Instrument :
BNA_M
ClientSampled :
C0029RE

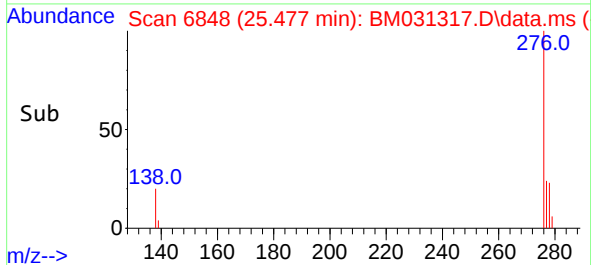
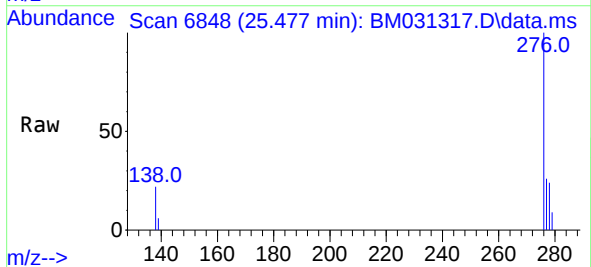
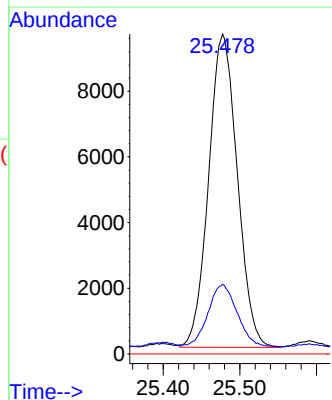
Manual Integrations
APPROVED

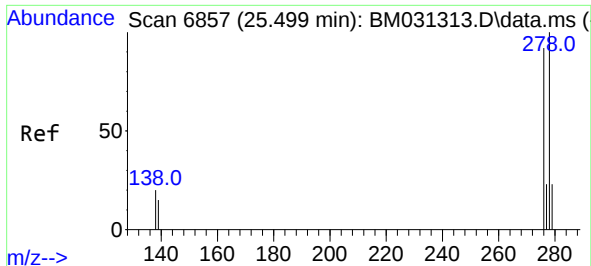
mohammad
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#27
Indeno(1,2,3-cd)pyrene
Concen: 0.737 ng/ul
RT: 25.477 min Scan# 6848
Delta R.T. -0.012 min
Lab File: BM031317.D
Acq: 31 Jul 2021 18:11

Tgt Ion:	276	Resp:	24777
Ion Ratio	Lower	Upper	
276	100		
138	20.1	15.8	23.8
227	0.0	0.0	0.0





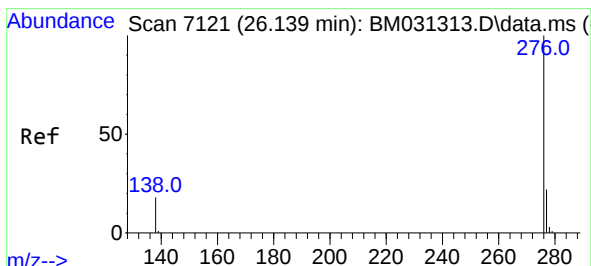
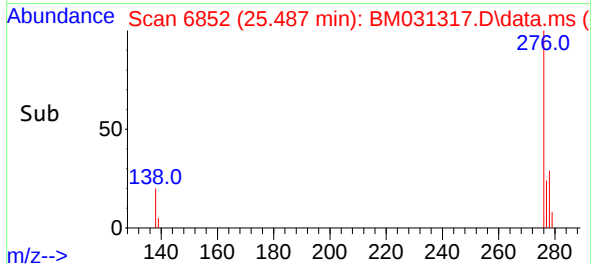
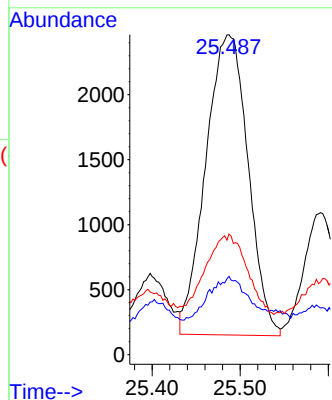
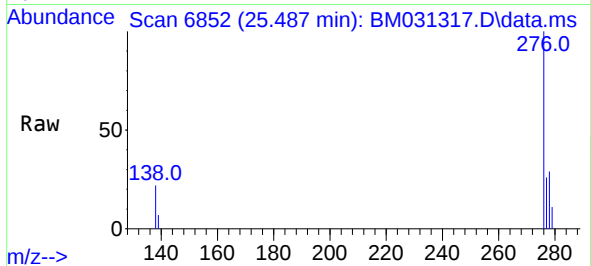
#28
Dibenzo(a,h)anthracene
Concen: 0.285 ng/ul
RT: 25.487 min Scan# 6852
Delta R.T. -0.017 min
Lab File: BM031317.D
Acq: 31 Jul 2021 18:11

Tgt Ion: 278 Resp: 7719
Ion Ratio Lower Upper
278 100
139 24.5 13.3 19.9#
279 37.7 22.8 34.2#

Instrument :
BNA_M
ClientSampled :
C0029RE

Manual Integrations
APPROVED

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#29
Benzo(g,h,i)perylene
Concen: 0.674 ng/ul
RT: 26.134 min Scan# 7119
Delta R.T. -0.009 min
Lab File: BM031317.D
Acq: 31 Jul 2021 18:11

Tgt Ion: 276 Resp: 19322
Ion Ratio Lower Upper
276 100
138 22.3 15.4 23.2
277 25.1 19.9 29.9

