

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080521\
 Data File : BM031560.D
 Acq On : 07 Aug 2021 20:58
 Operator : CG/JU
 Sample : M3124-09DL 2X
 Misc :
 ALS Vial : 86 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0090DL

Manual Integrations
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Quant Time: Aug 08 08:41:39 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 : Sun Aug 08 08:38:58 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.583	152	1261	0.400	ng/ul	0.00
4) Naphthalene-d8	10.343	136	4637	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.216	164	2607	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.964	188	5018	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.159	240	4223	0.400	ng/ul	0.00
23) Perylene-d12	23.316	264	4196	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.192	96	1530	1.092	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.944	152	516	0.066	ng/ul	0.00
18) Fluoranthene-d10	18.997	212	1015	0.072	ng/ul	0.00
Target Compounds					Qvalue	
5) Naphthalene	10.392	128	4703	0.340	ng/ul	98
7) 2-Methylnaphthalene	12.016	142	2687	0.285	ng/ul	99
8) 1-Methylnaphthalene	12.236	142	1401	0.150	ng/ul	99
10) Acenaphthylene	13.936	152	1689	0.152	ng/ul	94
11) Acenaphthene	14.277	153	227m	0.024	ng/ul	
12) Fluorene	15.270	166	403	0.037	ng/ul#	91
15) Phenanthrene	17.006	178	11003	0.691	ng/ul	99
16) Anthracene	17.100	178	2098	0.141	ng/ul	94
19) Fluoranthene	19.027	202	22417	1.243	ng/ul	98
20) Pyrene	19.390	202	11612	0.635	ng/ul	97
21) Benzo(a)anthracene	21.142	228	10641	0.624	ng/ul	95
22) Chrysene	21.193	228	12323	0.698	ng/ul	98
24) Benzo(b)fluoranthene	22.674	252	16718m	0.884	ng/ul	
25) Benzo(k)fluoranthene	22.716	252	5992m	0.307	ng/ul	
26) Benzo(a)pyrene	23.222	252	3341	0.202	ng/ul#	67
27) Indeno(1,2,3-cd)pyrene	25.449	276	3866	0.181	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.453	278	1903	0.110	ng/ul#	68

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

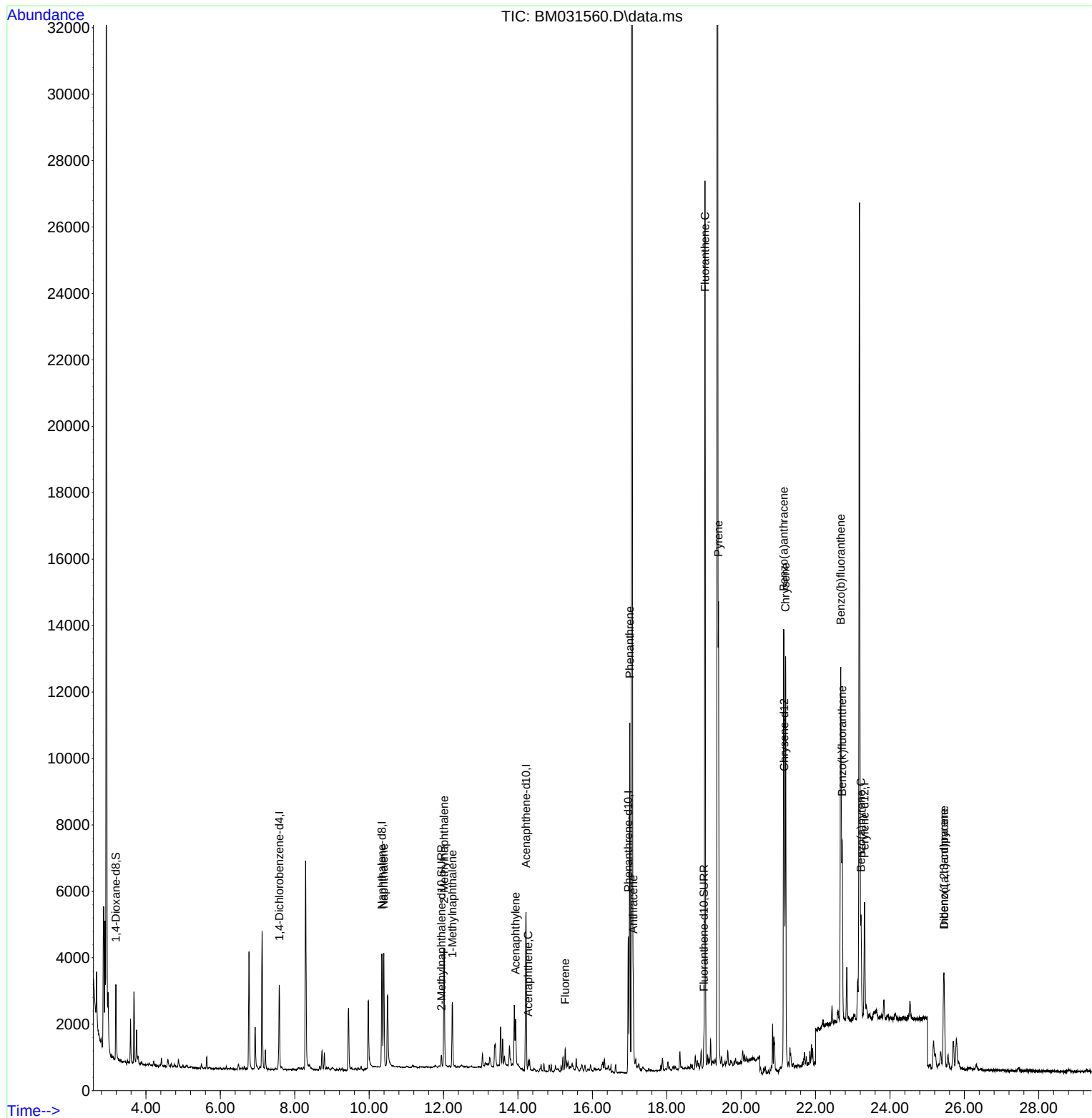
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080521\
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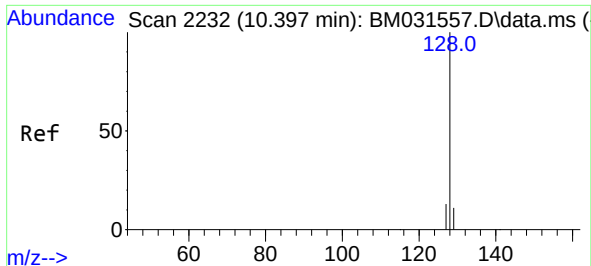
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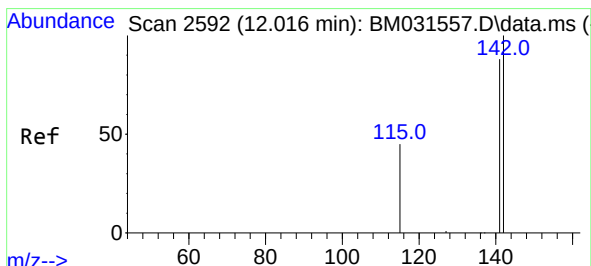
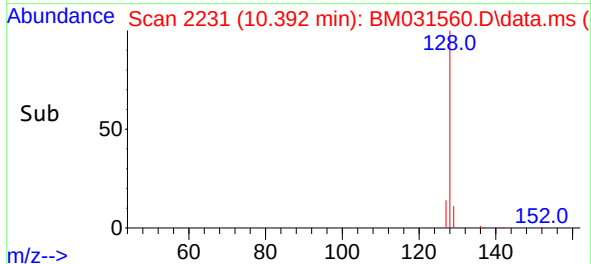
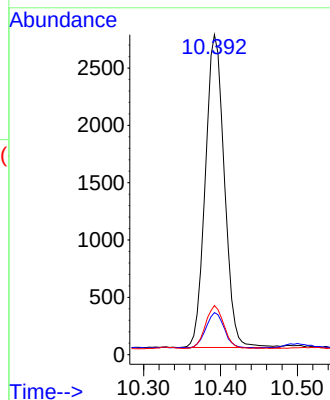
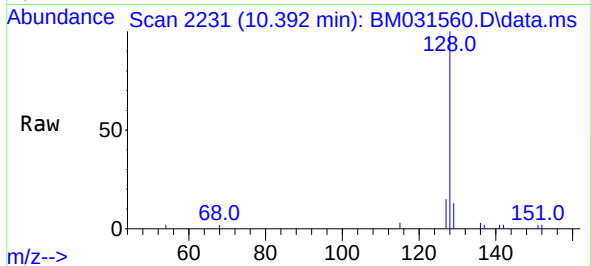
#5
Naphthalene
Concen: 0.340 ng/ul
RT: 10.392 min Scan# 2231
Delta R.T. -0.004 min
Lab File: BM031560.D
Acq: 07 Aug 2021 20:58

Tgt Ion:	128	Resp:	4703
Ion Ratio	Lower	Upper	
128	100		
129	13.1	10.0	15.0
127	15.3	11.6	17.4

Instrument :
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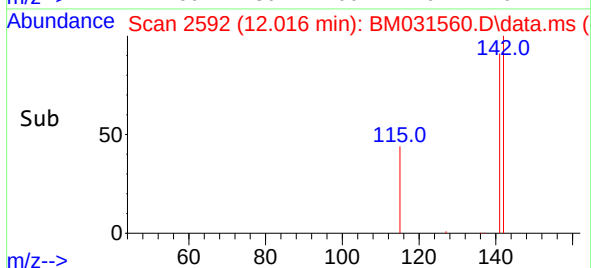
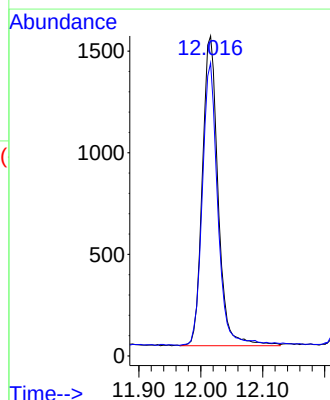
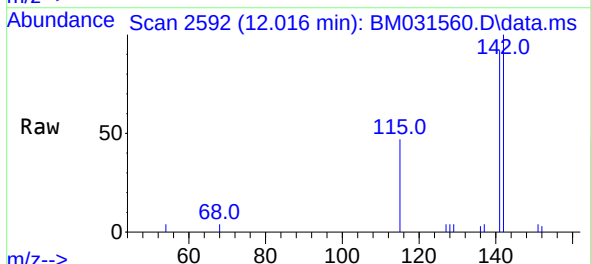
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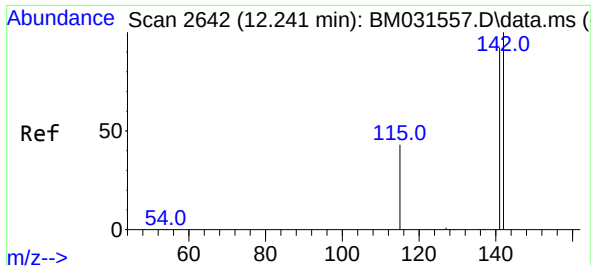
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#7
2-Methylnaphthalene
Concen: 0.285 ng/ul
RT: 12.016 min Scan# 2592
Delta R.T. -0.004 min
Lab File: BM031560.D
Acq: 07 Aug 2021 20:58

Tgt Ion:	142	Resp:	2687
Ion Ratio	Lower	Upper	
142	100		
141	90.5	71.4	107.0





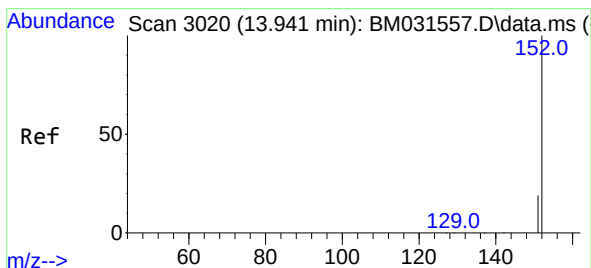
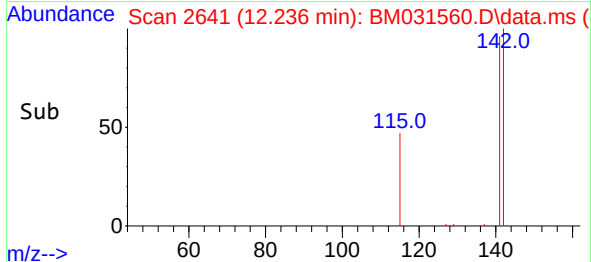
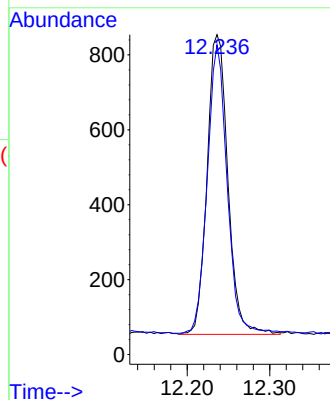
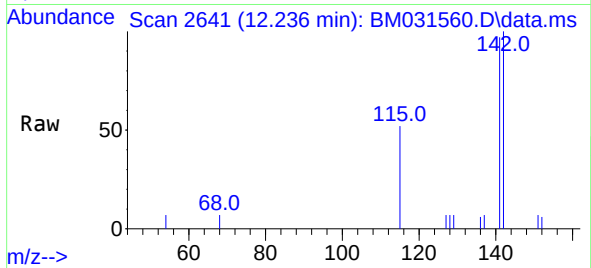
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1-Methylnaphthalene
Concen: 0.150 ng/ul
RT: 12.236 min Scan# 2641
Delta R.T. -0.004 min
Lab File: BM031560.D
Acq: 07 Aug 2021 20:58

Tgt Ion:142 Resp: 1401
Ion Ratio Lower Upper
142 100
141 91.6 74.1 111.1

Instrument :
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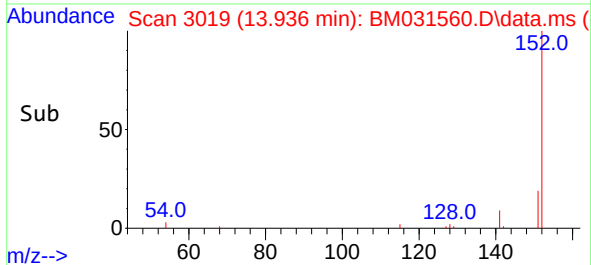
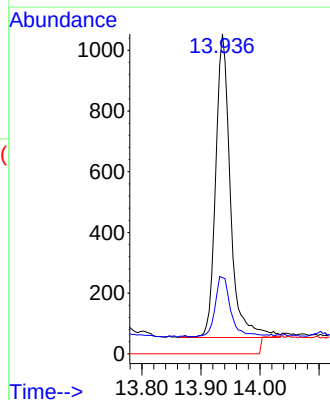
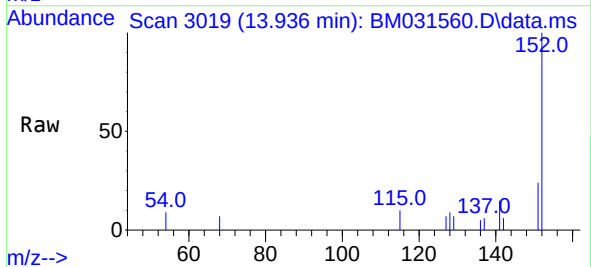
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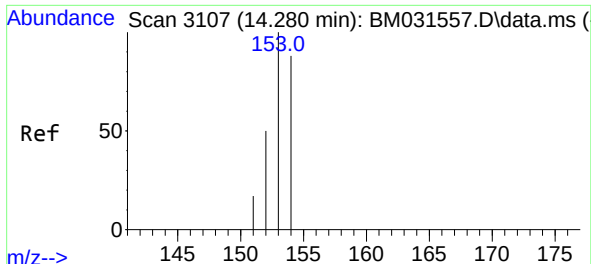
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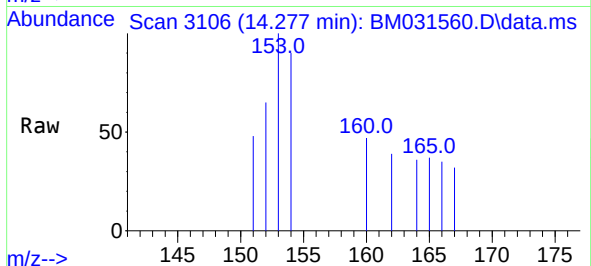
#10
Acenaphthylene
Concen: 0.152 ng/ul
RT: 13.936 min Scan# 3019
Delta R.T. -0.004 min
Lab File: BM031560.D
Acq: 07 Aug 2021 20:58

Tgt Ion:152 Resp: 1689
Ion Ratio Lower Upper
152 100
151 23.8 16.9 25.3
153 0.0 0.0 0.0

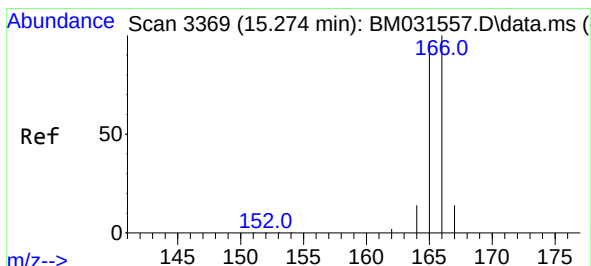
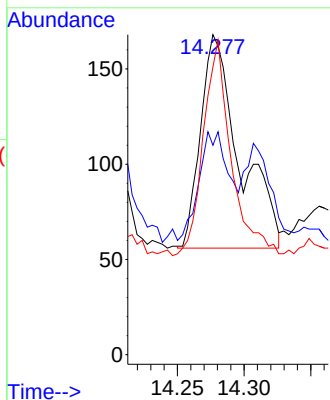
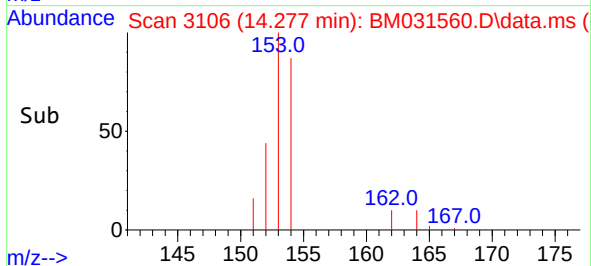




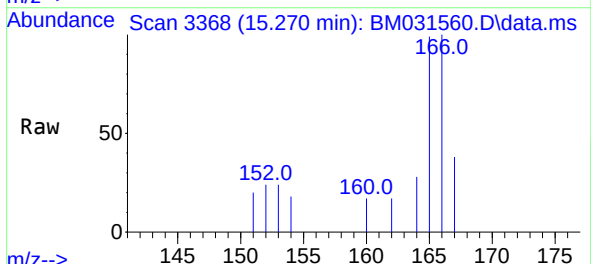
#11
Acenaphthene
Concen: 0.024 ng/ul m
RT: 14.277 min Scan# 3106
Delta R.T. -0.007 min
Lab File: BM031560.D
Acq: 07 Aug 2021 20:58



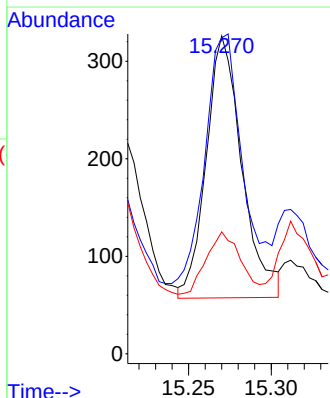
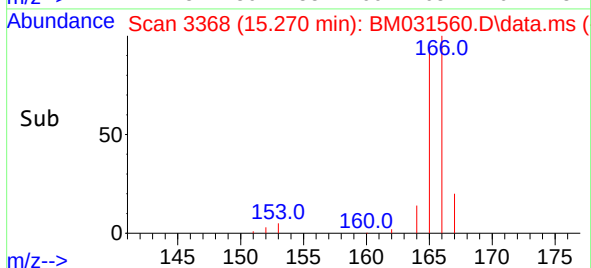
Tgt Ion:153 Resp: 227
Ion Ratio Lower Upper
153 100
152 65.5 40.7 61.1#
154 89.9 70.2 105.2



#12
Fluorene
Concen: 0.037 ng/ul
RT: 15.270 min Scan# 3368
Delta R.T. -0.004 min
Lab File: BM031560.D
Acq: 07 Aug 2021 20:58



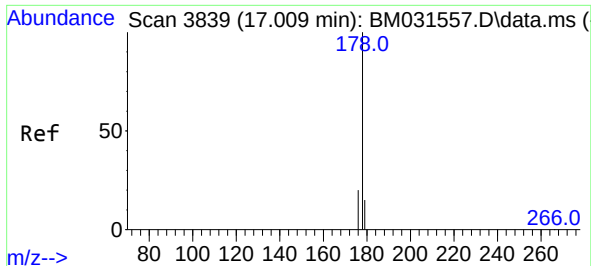
Tgt Ion:166 Resp: 403
Ion Ratio Lower Upper
166 100
165 99.4 78.0 117.0
167 38.3 12.0 18.0#



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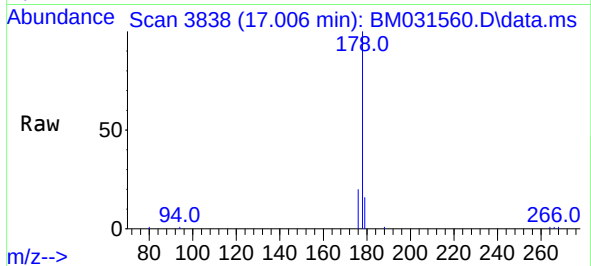
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#15
Phenanthrene
Concen: 0.691 ng/ul
RT: 17.006 min Scan# 3838
Delta R.T. -0.007 min
Lab File: BM031560.D
Acq: 07 Aug 2021 20:58

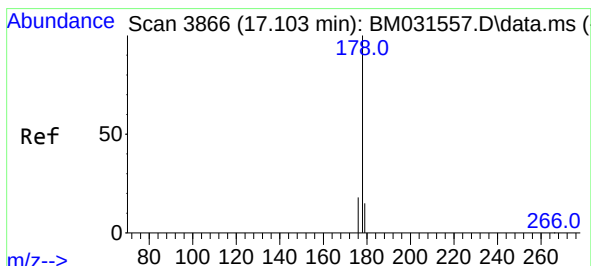
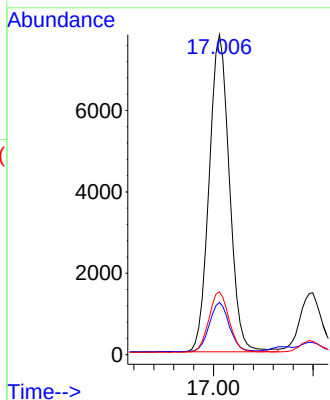
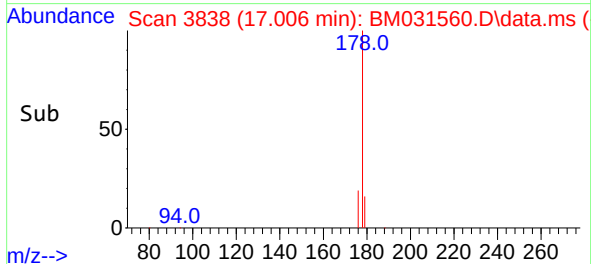
Instrument :
BNA_M
ClientSampled :
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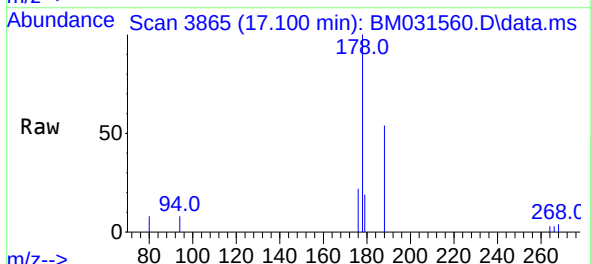
Tgt Ion:178 Resp: 11003
Ion Ratio Lower Upper
178 100
179 16.4 13.3 19.9
176 19.7 16.2 24.4

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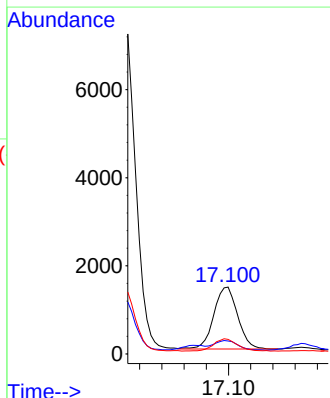
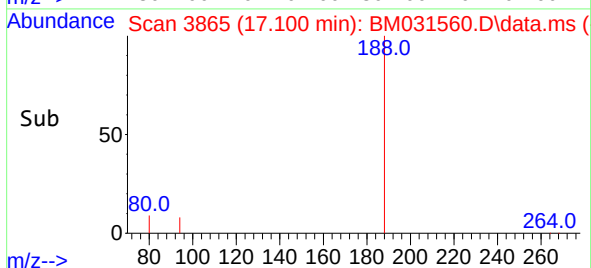
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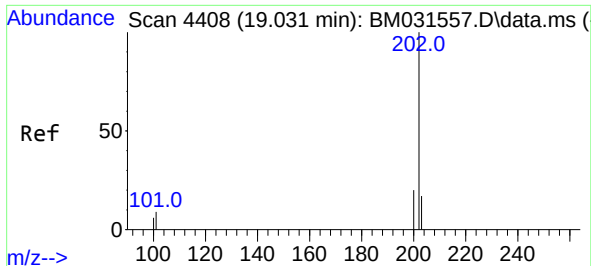


#16
Anthracene
Concen: 0.141 ng/ul
RT: 17.100 min Scan# 3865
Delta R.T. -0.003 min
Lab File: BM031560.D
Acq: 07 Aug 2021 20:58



Tgt Ion:178 Resp: 2098
Ion Ratio Lower Upper
178 100
179 19.4 13.0 19.6
176 21.7 15.6 23.4





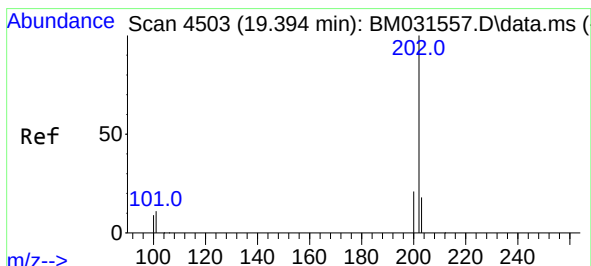
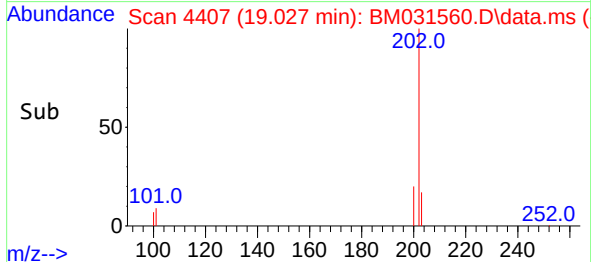
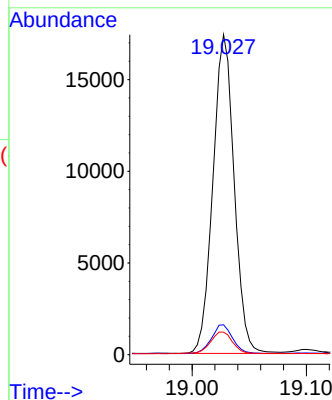
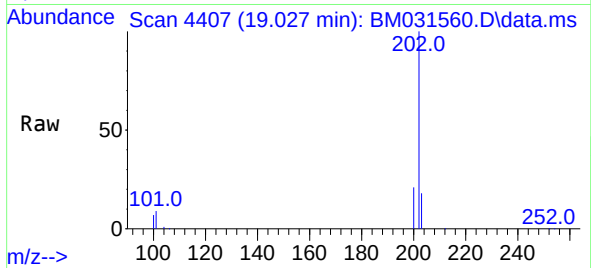
#19
Fluoranthene
Concen: 1.243 ng/u1
RT: 19.027 min Scan# 4407
Delta R.T. -0.004 min
Lab File: BM031560.D
Acq: 07 Aug 2021 20:58

Tgt Ion:	202	Resp:	22417
Ion Ratio	Lower	Upper	
202	100		
101	9.3	6.6	10.0
100	7.1	5.4	8.0

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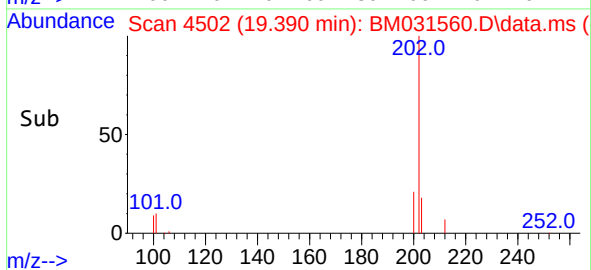
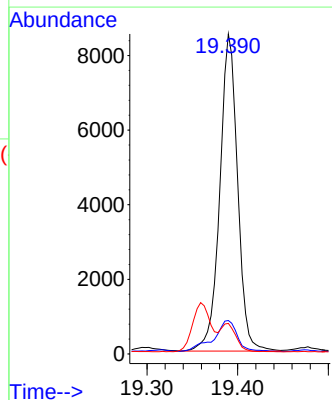
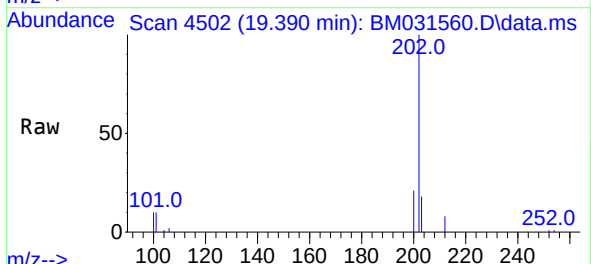
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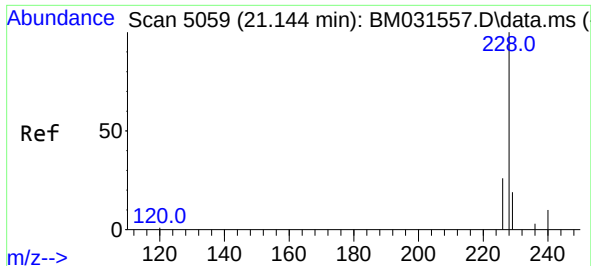
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#20
Pyrene
Concen: 0.635 ng/u1
RT: 19.390 min Scan# 4502
Delta R.T. -0.008 min
Lab File: BM031560.D
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Tgt Ion:	202	Resp:	11612
Ion Ratio	Lower	Upper	
202	100		
101	10.5	7.8	11.6
100	9.6	6.6	10.0





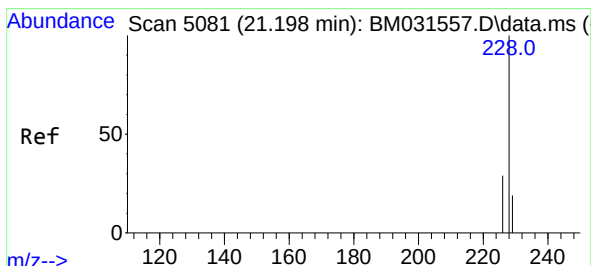
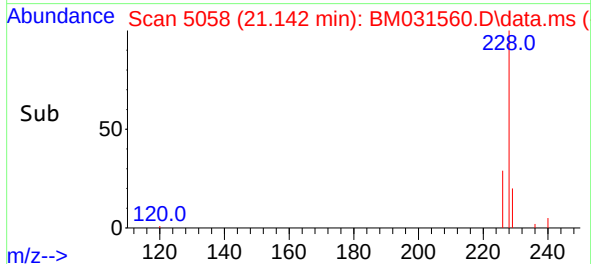
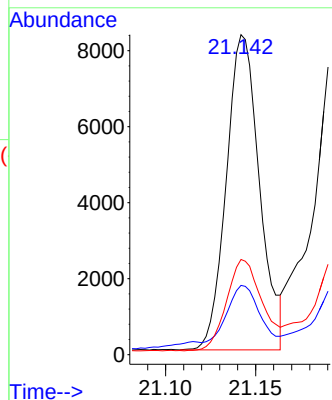
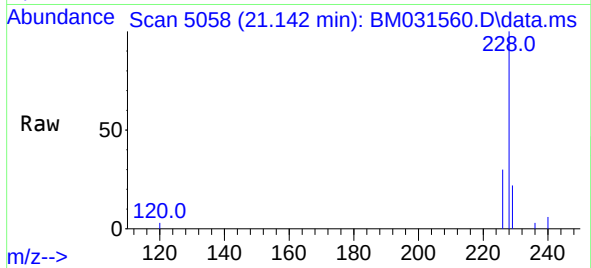
#21
Benzo(a)anthracene
Concen: 0.624 ng/u1
RT: 21.142 min Scan# 5058
Delta R.T. -0.010 min
Lab File: BM031560.D
Acq: 07 Aug 2021 20:58

Tgt Ion:	228	Resp:	10641
Ion Ratio	Lower	Upper	
228	100		
229	21.7	15.6	23.4
226	29.7	21.7	32.5

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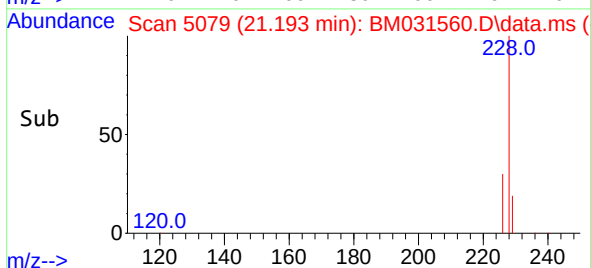
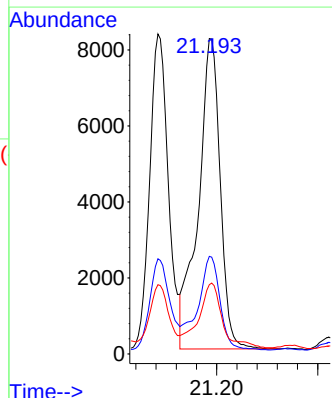
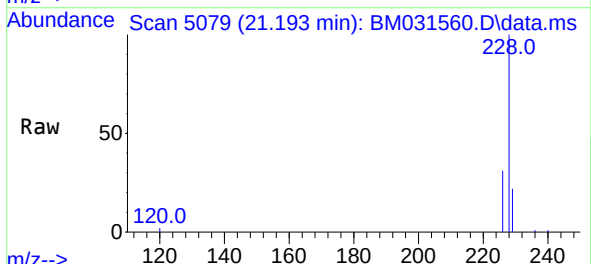
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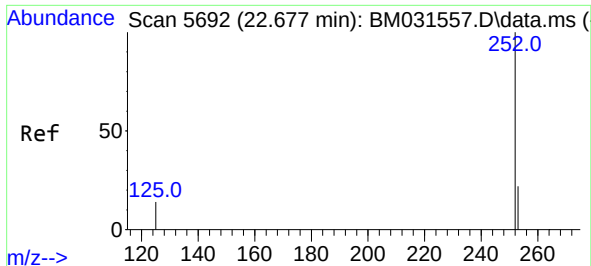
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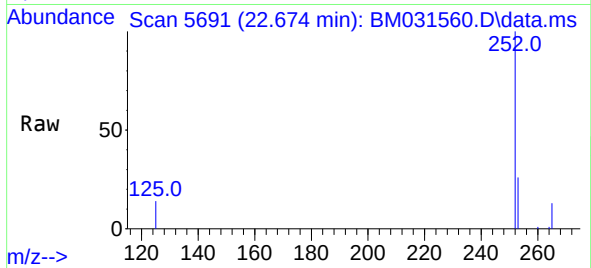
#22
Chrysene
Concen: 0.698 ng/u1
RT: 21.193 min Scan# 5079
Delta R.T. -0.007 min
Lab File: BM031560.D
Acq: 07 Aug 2021 20:58

Tgt Ion:	228	Resp:	12323
Ion Ratio	Lower	Upper	
228	100		
226	31.0	24.7	37.1
229	22.0	16.2	24.2

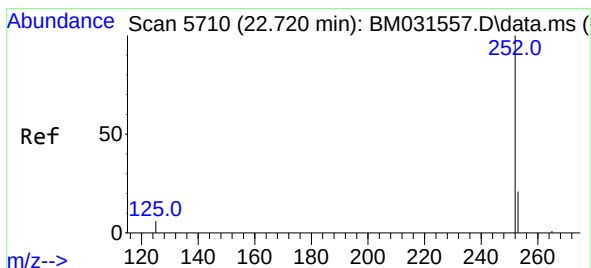
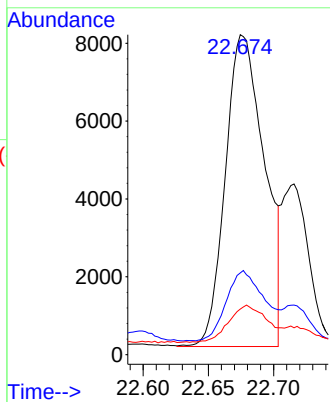
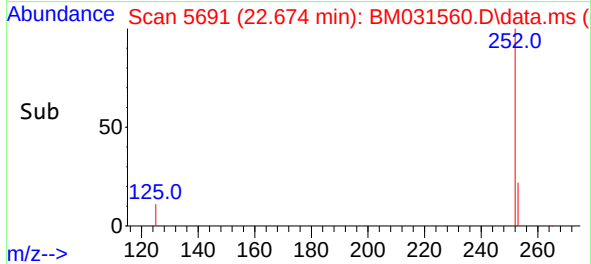




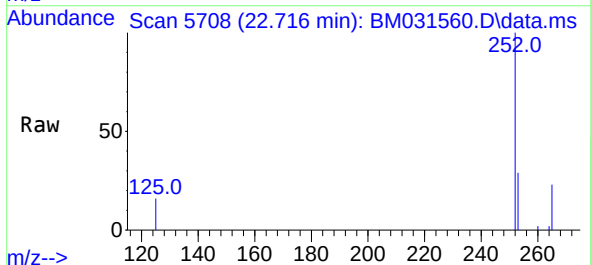
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Benzo(b)fluoranthene
Concen: 0.884 ng/ul m
RT: 22.674 min Scan# 5691
Delta R.T. -0.007 min
Lab File: BM031560.D
Acq: 07 Aug 2021 20:58



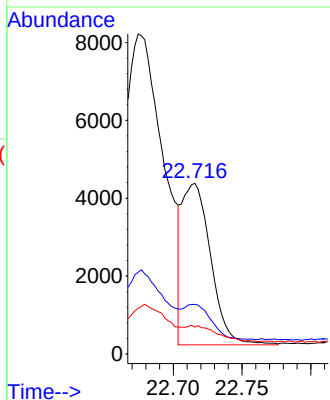
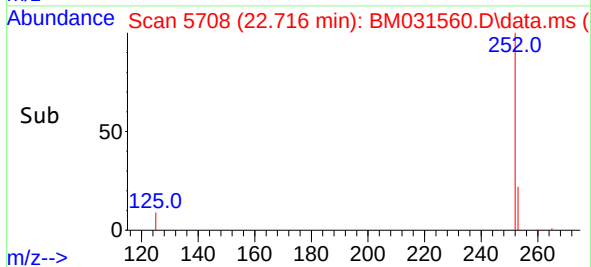
Tgt Ion:252 Resp: 16718
Ion Ratio Lower Upper
252 100
253 25.5 0.0 53.0
125 14.2 0.0 22.8



#25
Benzo(k)fluoranthene
Concen: 0.307 ng/ul m
RT: 22.716 min Scan# 5708
Delta R.T. -0.007 min
Lab File: BM031560.D
Acq: 07 Aug 2021 20:58



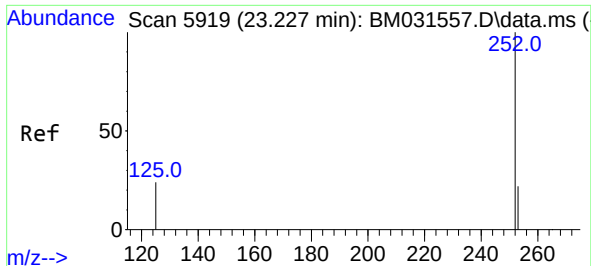
Tgt Ion:252 Resp: 5992
Ion Ratio Lower Upper
252 100
253 29.0 21.3 31.9
125 15.8 8.8 13.2#



Instrument :
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ClientSampled :
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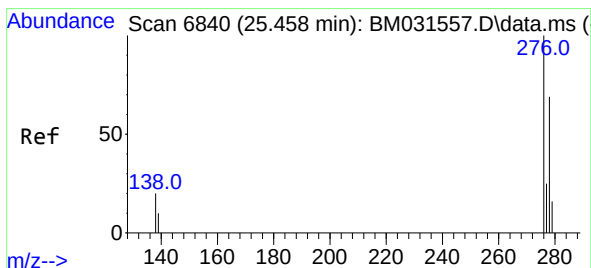
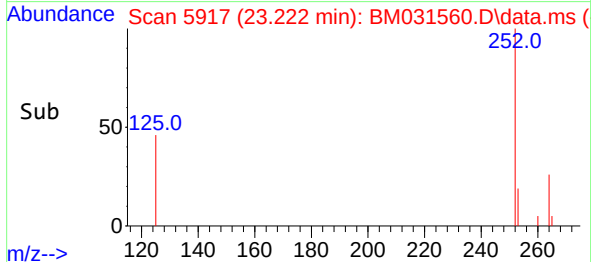
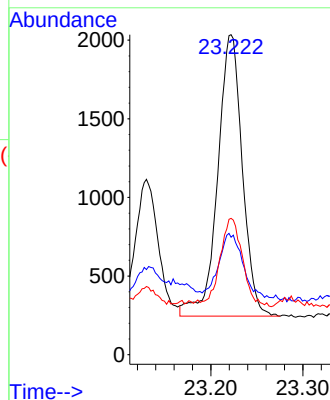
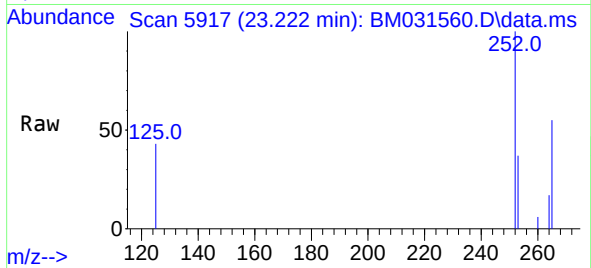
#26
Benzo(a)pyrene
Concen: 0.202 ng/ul
RT: 23.222 min Scan# 5917
Delta R.T. -0.010 min
Lab File: BM031560.D
Acq: 07 Aug 2021 20:58

Tgt Ion:	252	Resp:	3341
Ion Ratio	Lower	Upper	
252	100		
253	36.7	22.4	33.6#
125	42.6	13.0	19.4#

Instrument :
BNA_M
ClientSampled :
C0090DL

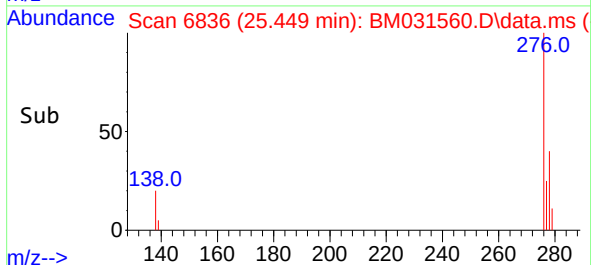
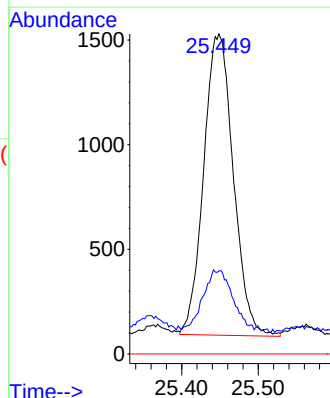
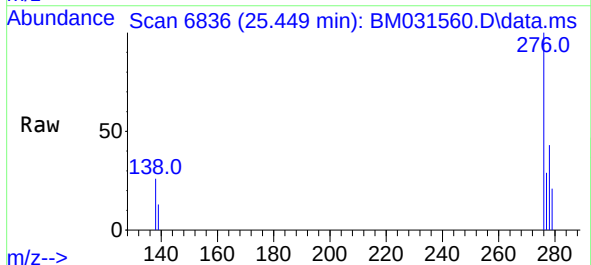
Manual Integrations
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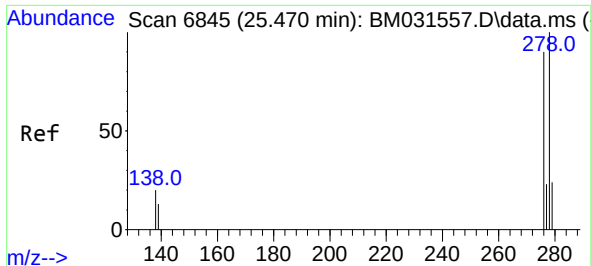
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#27
Indeno(1,2,3-cd)pyrene
Concen: 0.181 ng/ul
RT: 25.449 min Scan# 6836
Delta R.T. -0.014 min
Lab File: BM031560.D
Acq: 07 Aug 2021 20:58

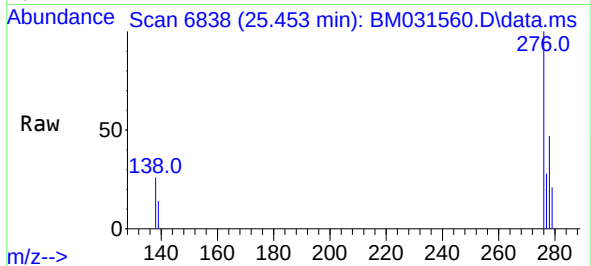
Tgt Ion:	276	Resp:	3866
Ion Ratio	Lower	Upper	
276	100		
138	20.1	15.8	23.8
227	0.0	0.0	0.0





#28
 Dibenzo(a,h)anthracene
 Concen: 0.110 ng/ul
 RT: 25.453 min Scan# 6838
 Delta R.T. -0.022 min
 Lab File: BM031560.D
 Acq: 07 Aug 2021 20:58

Instrument :
 BNA_M
 ClientSampled :
 C0090DL



Tgt Ion: 278 Resp: 1903
 Ion Ratio Lower Upper
 278 100
 139 30.2 13.3 19.9#
 279 45.6 22.8 34.2#

Manual Integrations
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