

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080521\
 Data File : BM031521.D
 Acq On : 06 Aug 2021 18:28
 Operator : CG/JU
 Sample : M3124-09
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0090

Manual Integrations
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Quant Time: Aug 07 03:03:51 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 Aug 06 18:39:21 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.587	152	812	0.400	ng/ul	0.00
4) Naphthalene-d8	10.347	136	3011	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.216	164	1810	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.968	188	3391	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.161	240	3265	0.400	ng/ul	0.00
23) Perylene-d12	23.319	264	3393	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.189	96	2273	2.520	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.944	152	933	0.184	ng/ul	0.00
18) Fluoranthene-d10	18.997	212	1944	0.178	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.397	128	6404	0.714	ng/ul	99
7) 2-Methylnaphthalene	12.016	142	3719	0.607	ng/ul	99
8) 1-Methylnaphthalene	12.241	142	1881	0.311	ng/ul	98
10) Acenaphthylene	13.936	152	2153	0.279	ng/ul	95
11) Acenaphthene	14.281	153	326m	0.050	ng/ul	
12) Fluorene	15.270	166	560	0.075	ng/ul#	88
15) Phenanthrene	17.006	178	15634	1.452	ng/ul	98
16) Anthracene	17.100	178	3029	0.300	ng/ul	96
19) Fluoranthene	19.028	202	33707	2.418	ng/ul	100
20) Pyrene	19.394	202	17775	1.257	ng/ul	100
21) Benzo(a)anthracene	21.147	228	17302	1.312	ng/ul	96
22) Chrysene	21.198	228	20065	1.471	ng/ul	97
24) Benzo(b)fluoranthene	22.677	252	28557m	1.868	ng/ul	
25) Benzo(k)fluoranthene	22.716	252	10023m	0.635	ng/ul	
26) Benzo(a)pyrene	23.225	252	5557	0.415	ng/ul#	90
27) Indeno(1,2,3-cd)pyrene	25.449	276	6852	0.396	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.456	278	3540	0.254	ng/ul#	86

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

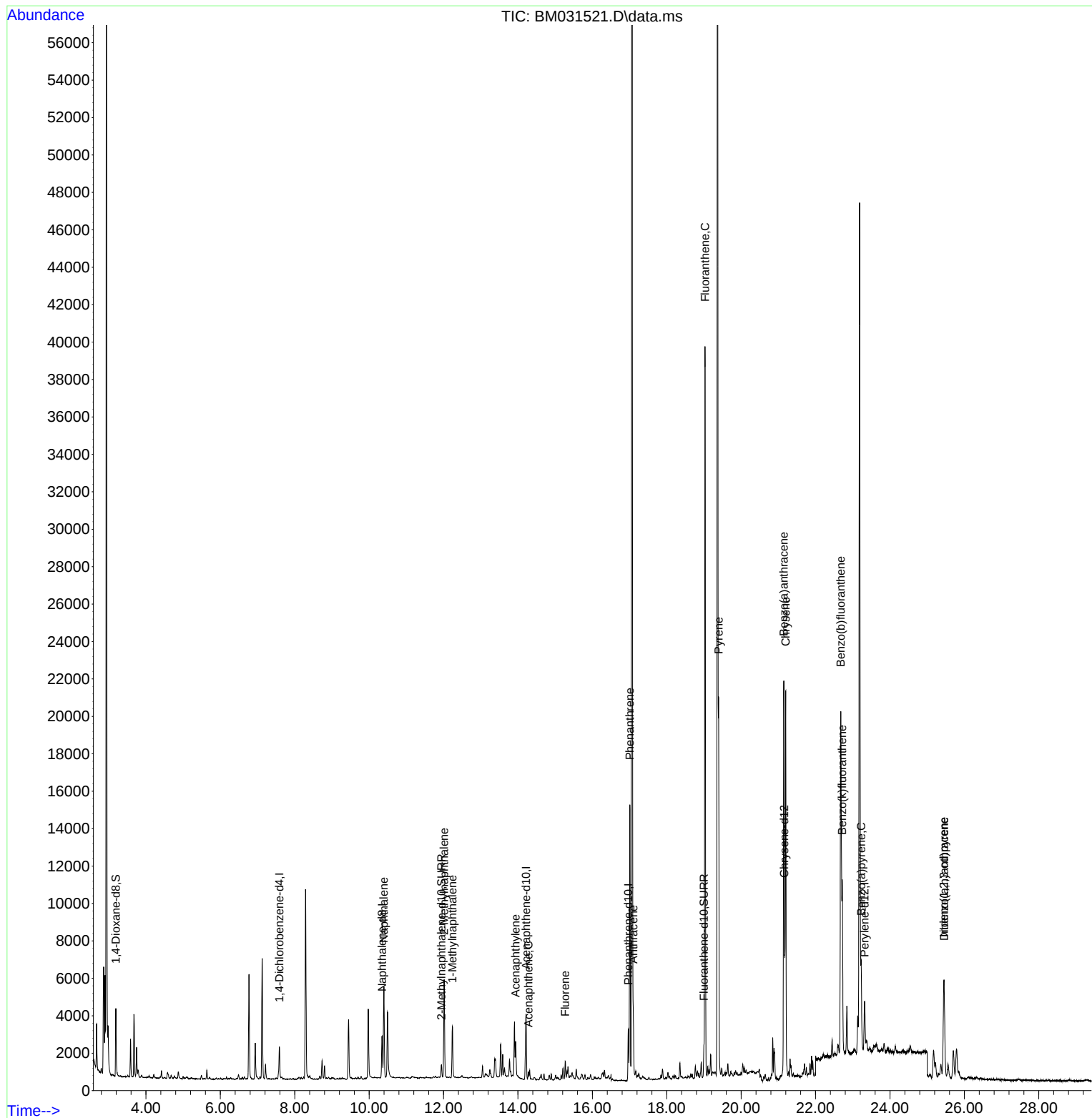
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080521\
Data File : BM031521.D
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ALS Vial : 47 Sample Multiplier: 1

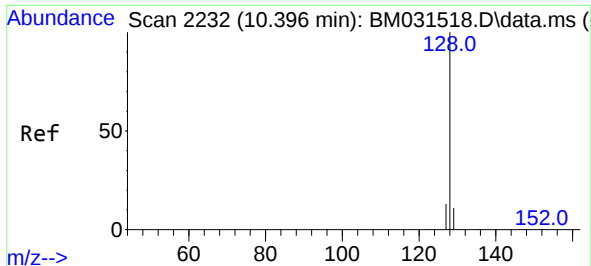
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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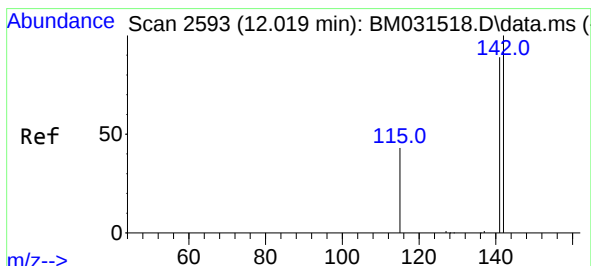
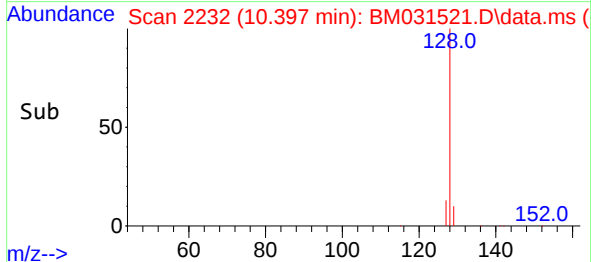
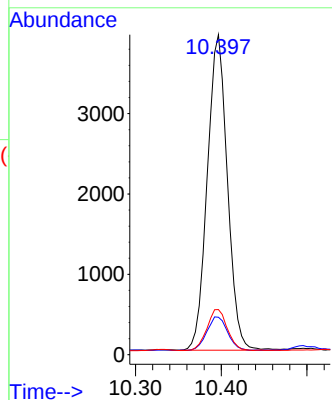
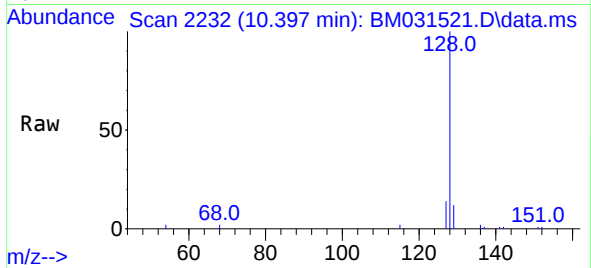
#5
Naphthalene
Concen: 0.714 ng/ul
RT: 10.397 min Scan# 2232
Delta R.T. 0.001 min
Lab File: BM031521.D
Acq: 06 Aug 2021 18:28

Tgt Ion:128	Resp:	6404
Ion Ratio	Lower	Upper
128	100	
129	11.7	10.0 15.0
127	14.1	11.6 17.4

Instrument :
BNA_M
ClientSampled :
C0090

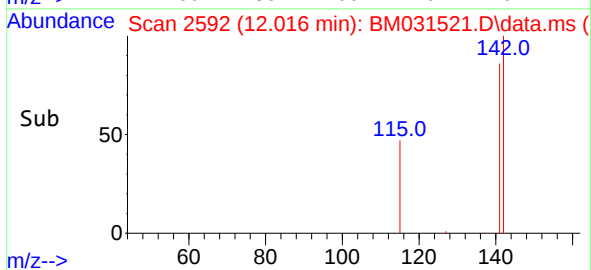
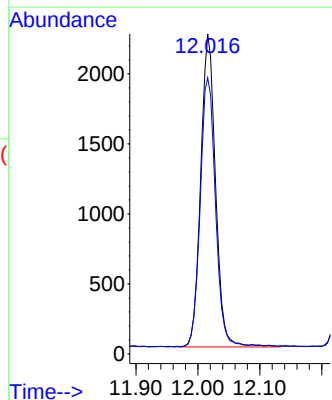
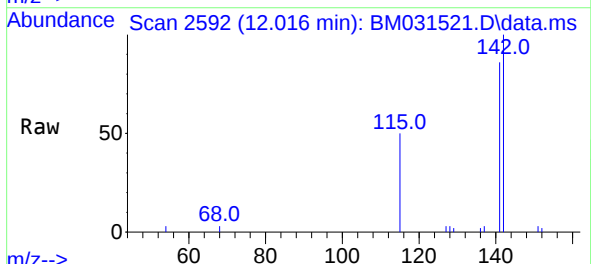
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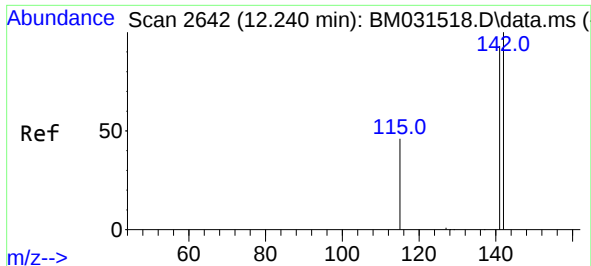
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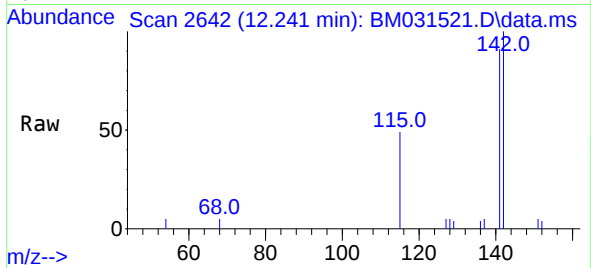
#7
2-Methylnaphthalene
Concen: 0.607 ng/ul
RT: 12.016 min Scan# 2592
Delta R.T. -0.004 min
Lab File: BM031521.D
Acq: 06 Aug 2021 18:28

Tgt Ion:142	Resp:	3719
Ion Ratio	Lower	Upper
142	100	
141	88.7	71.4 107.0

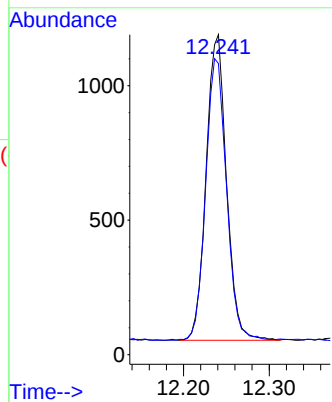
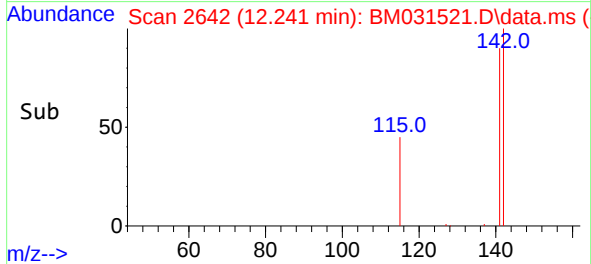




#8
1-Methylnaphthalene
Concen: 0.311 ng/ul
RT: 12.241 min Scan# 2642
Delta R.T. 0.001 min
Lab File: BM031521.D
Acq: 06 Aug 2021 18:28



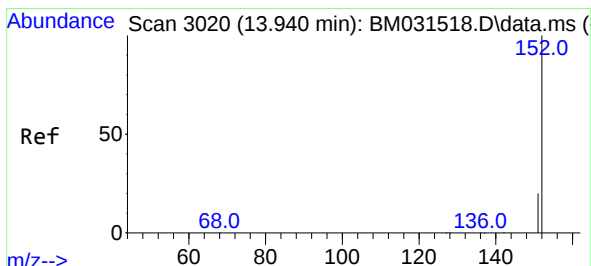
Tgt Ion:142 Resp: 1881
Ion Ratio Lower Upper
142 100
141 94.2 74.1 111.1



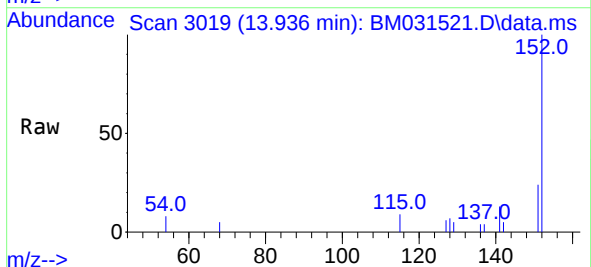
Instrument :
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ClientSampled :
C0090

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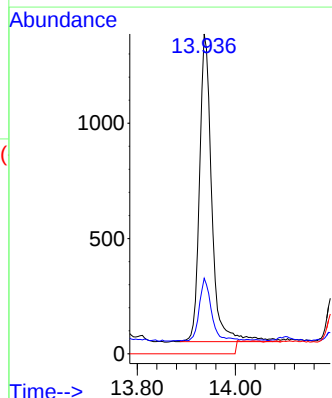
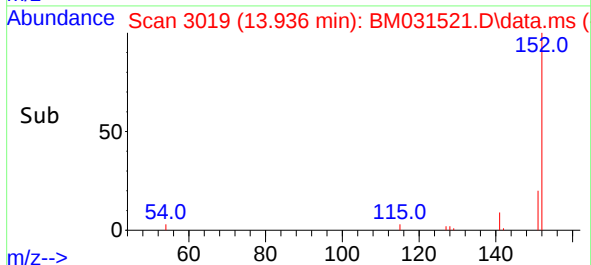
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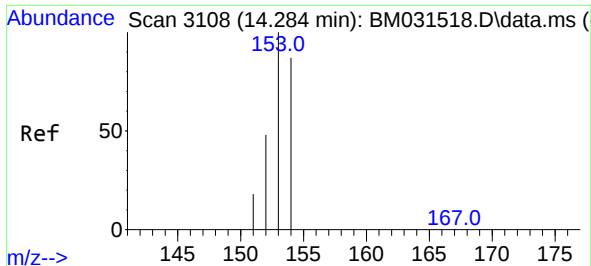


#10
Acenaphthylene
Concen: 0.279 ng/ul
RT: 13.936 min Scan# 3019
Delta R.T. -0.004 min
Lab File: BM031521.D
Acq: 06 Aug 2021 18:28



Tgt Ion:152 Resp: 2153
Ion Ratio Lower Upper
152 100
151 23.6 16.9 25.3
153 0.0 0.0 0.0





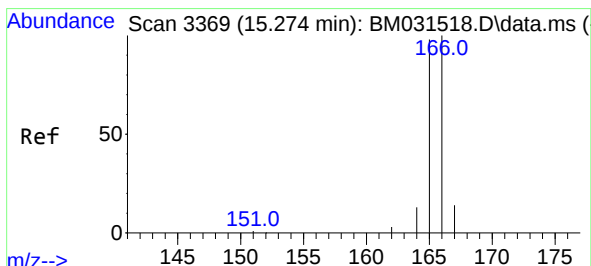
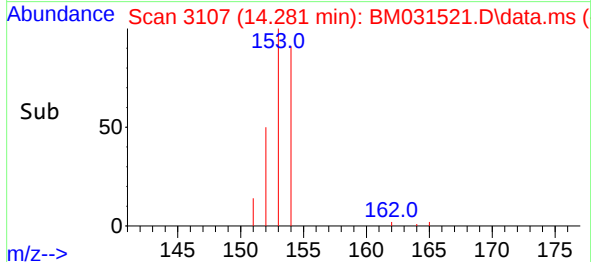
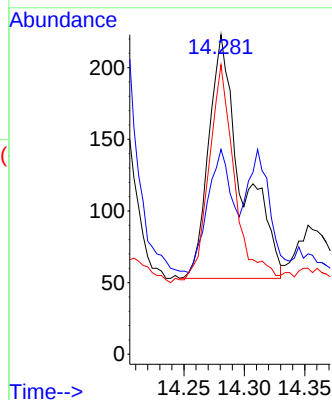
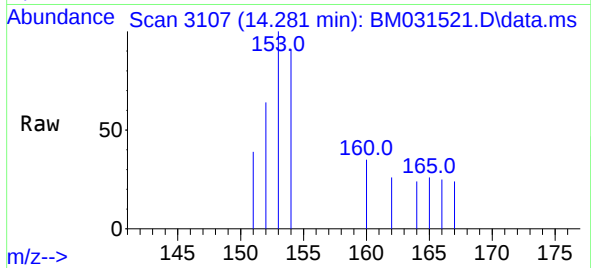
#11
Acenaphthene
Concen: 0.050 ng/ul m
RT: 14.281 min Scan# 3107
Delta R.T. -0.004 min
Lab File: BM031521.D
Acq: 06 Aug 2021 18:28

Tgt Ion:153 Resp: 326
Ion Ratio Lower Upper
153 100
152 64.1 40.7 61.1#
154 90.6 70.2 105.2

Instrument :
BNA_M
ClientSampled :
C0090

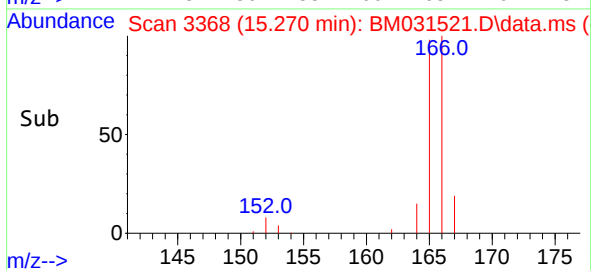
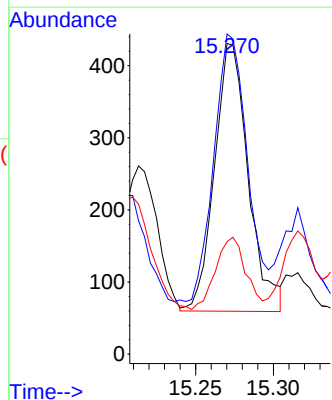
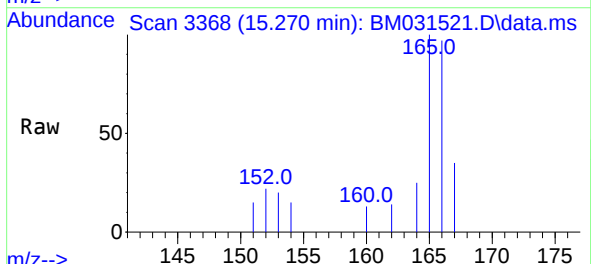
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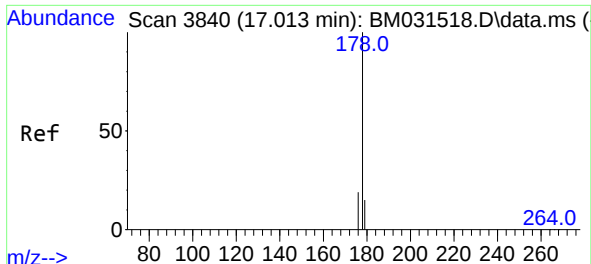
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#12
Fluorene
Concen: 0.075 ng/ul
RT: 15.270 min Scan# 3368
Delta R.T. -0.004 min
Lab File: BM031521.D
Acq: 06 Aug 2021 18:28

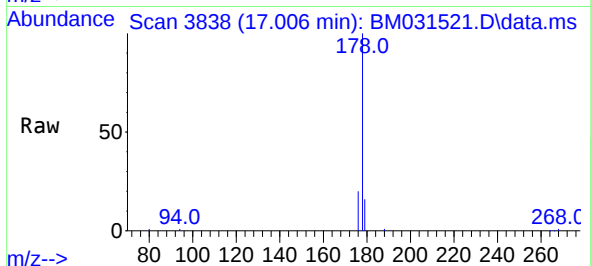
Tgt Ion:166 Resp: 560
Ion Ratio Lower Upper
166 100
165 103.0 78.0 117.0
167 36.2 12.0 18.0#





#15
Phenanthrene
Concen: 1.452 ng/uI
RT: 17.006 min Scan# 3838
Delta R.T. -0.007 min
Lab File: BM031521.D
Acq: 06 Aug 2021 18:28

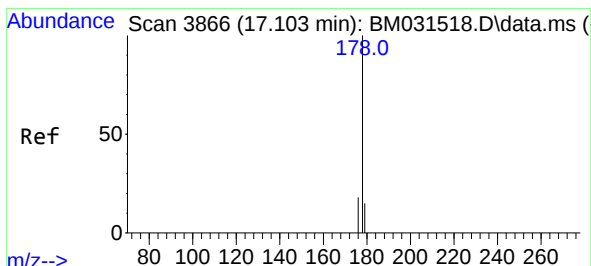
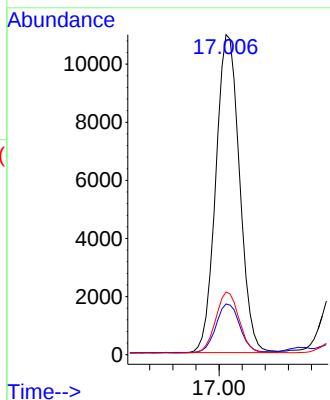
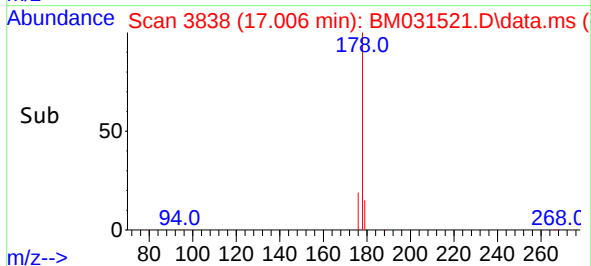
Instrument :
BNA_M
ClientSampled :
C0090



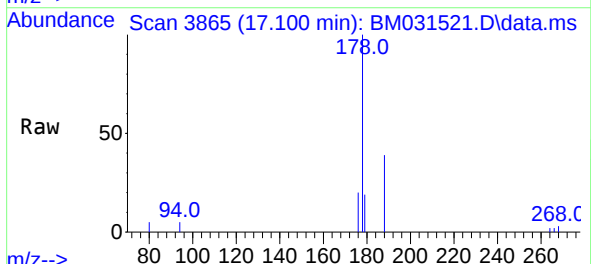
Tgt Ion:178 Resp: 15634
Ion Ratio Lower Upper
178 100
179 15.9 13.3 19.9
176 19.6 16.2 24.4

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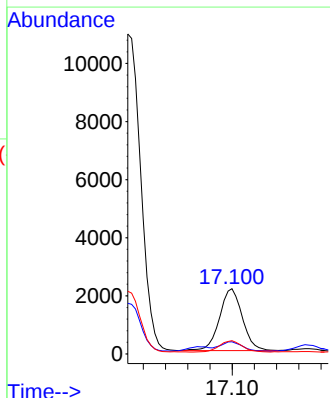
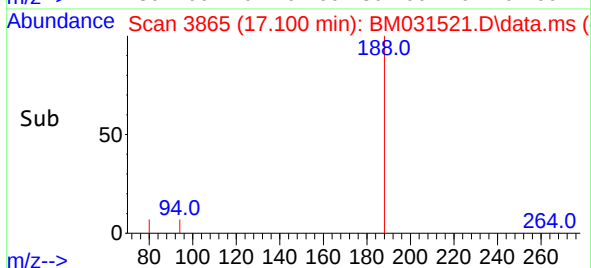
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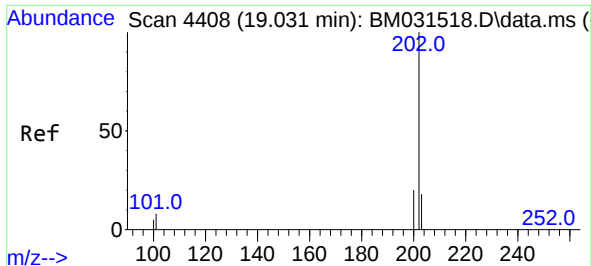


#16
Anthracene
Concen: 0.300 ng/uI
RT: 17.100 min Scan# 3865
Delta R.T. -0.003 min
Lab File: BM031521.D
Acq: 06 Aug 2021 18:28

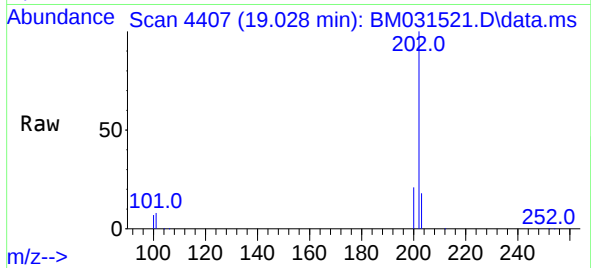


Tgt Ion:178 Resp: 3029
Ion Ratio Lower Upper
178 100
179 18.7 13.0 19.6
176 20.3 15.6 23.4

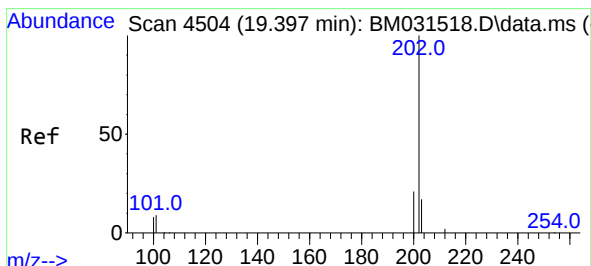
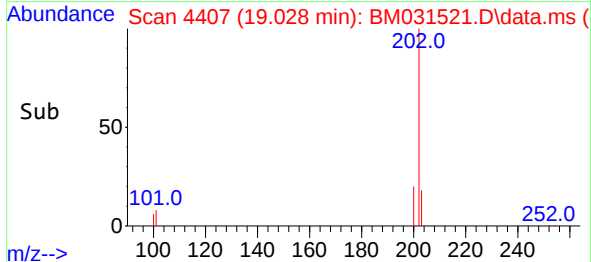
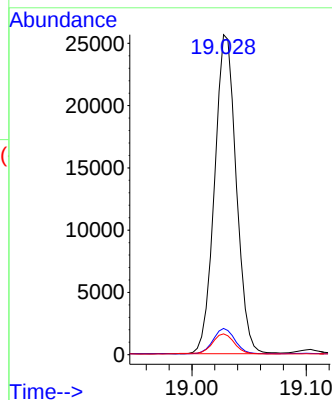




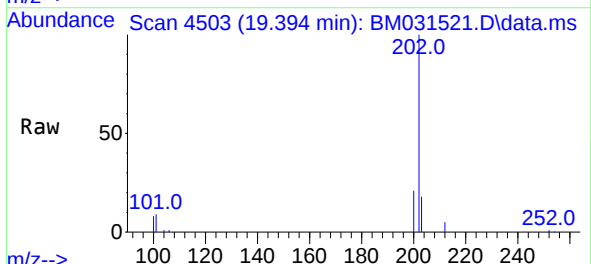
#19
Fluoranthene
Concen: 2.418 ng/ul
RT: 19.028 min Scan# 4407
Delta R.T. -0.004 min
Lab File: BM031521.D
Acq: 06 Aug 2021 18:28



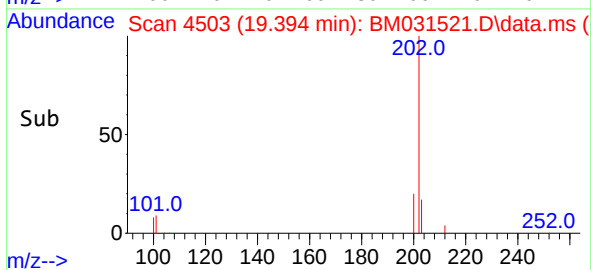
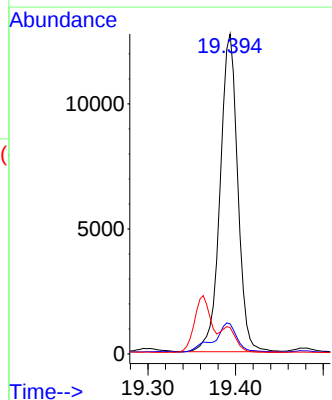
Tgt Ion:202 Resp: 33707
Ion Ratio Lower Upper
202 100
101 8.2 6.6 10.0
100 6.5 5.4 8.0



#20
Pyrene
Concen: 1.257 ng/ul
RT: 19.394 min Scan# 4503
Delta R.T. -0.004 min
Lab File: BM031521.D
Acq: 06 Aug 2021 18:28



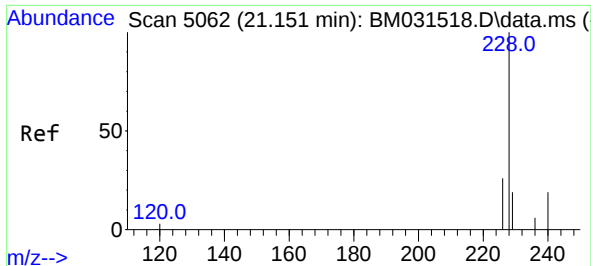
Tgt Ion:202 Resp: 17775
Ion Ratio Lower Upper
202 100
101 9.4 7.8 11.6
100 8.3 6.6 10.0



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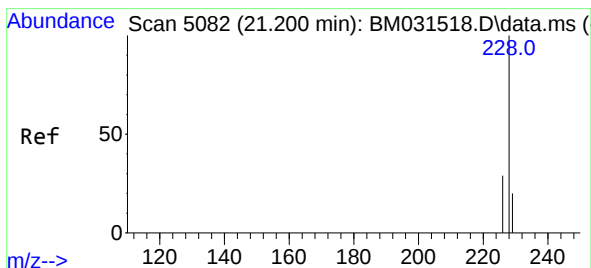
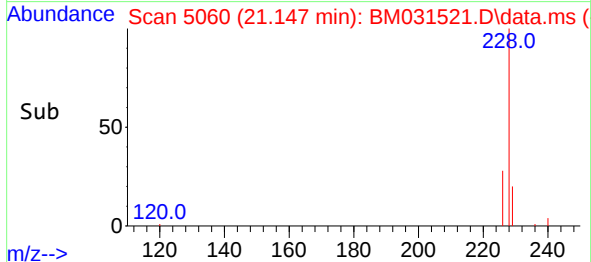
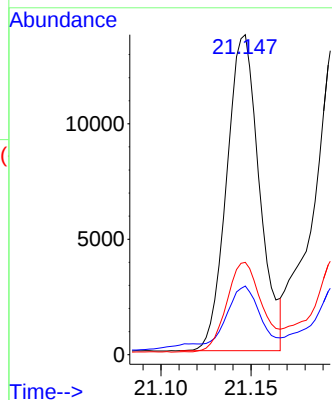
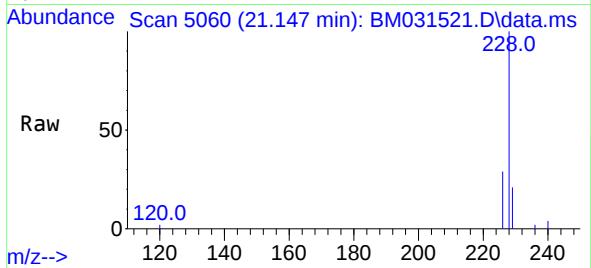
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Benzo(a)anthracene
Concen: 1.312 ng/ul
RT: 21.147 min Scan# 5060
Delta R.T. -0.005 min
Lab File: BM031521.D
Acq: 06 Aug 2021 18:28

Tgt Ion:228	Resp:	17302
Ion Ratio	Lower	Upper
228	100	
229	21.4	15.6 23.4
226	28.8	21.7 32.5

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BNA_M
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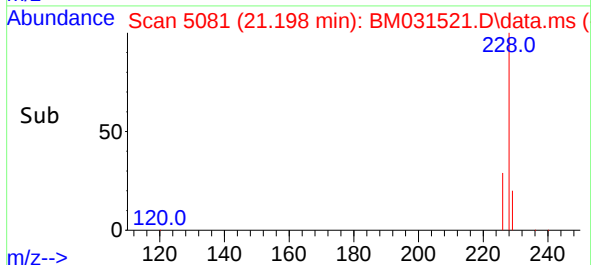
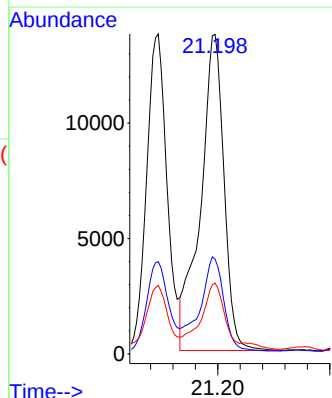
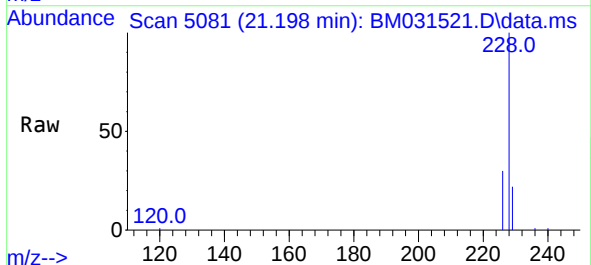
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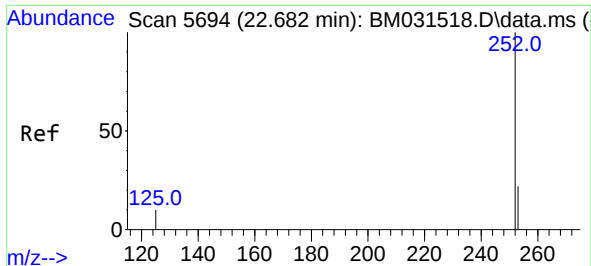
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#22
Chrysene
Concen: 1.471 ng/ul
RT: 21.198 min Scan# 5081
Delta R.T. -0.002 min
Lab File: BM031521.D
Acq: 06 Aug 2021 18:28

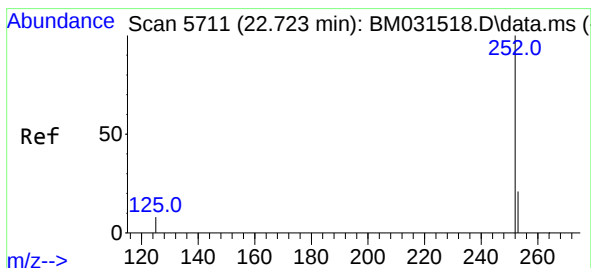
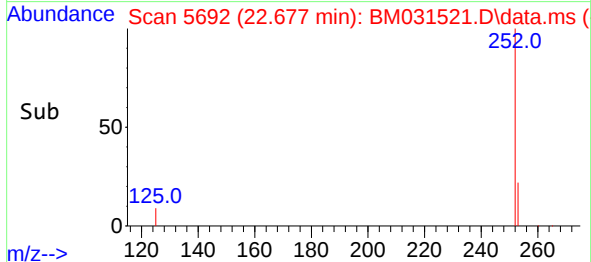
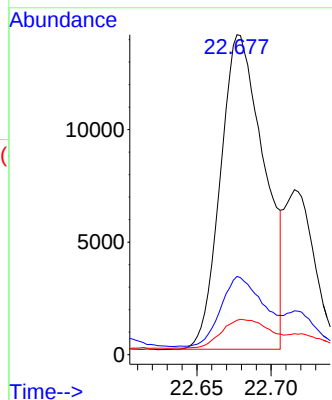
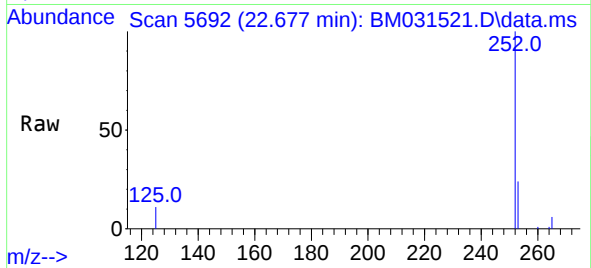
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Ion Ratio	Lower	Upper
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229	22.2	16.2 24.2





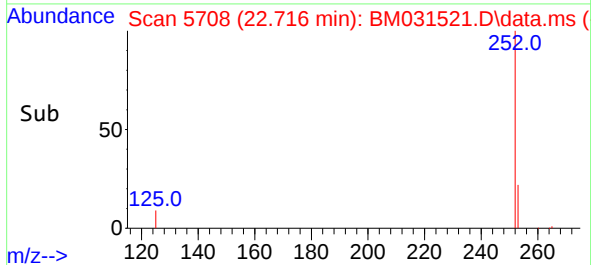
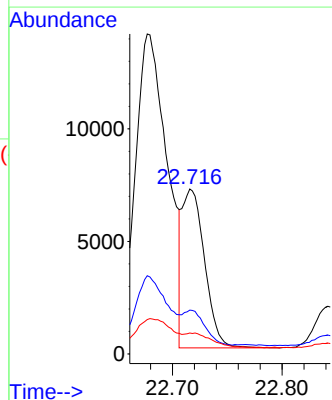
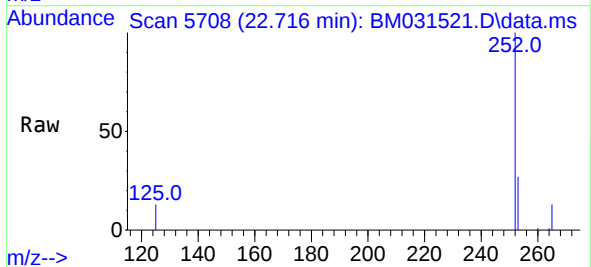
#24
Benzo(b)fluoranthene
Concen: 1.868 ng/ul m
RT: 22.677 min Scan# 5692
Delta R.T. -0.005 min
Lab File: BM031521.D
Acq: 06 Aug 2021 18:28

Tgt Ion:	252	Resp:	28557
Ion Ratio	Lower	Upper	
252	100		
253	24.4	0.0	53.0
125	10.7	0.0	22.8



#25
Benzo(k)fluoranthene
Concen: 0.635 ng/ul m
RT: 22.716 min Scan# 5708
Delta R.T. -0.007 min
Lab File: BM031521.D
Acq: 06 Aug 2021 18:28

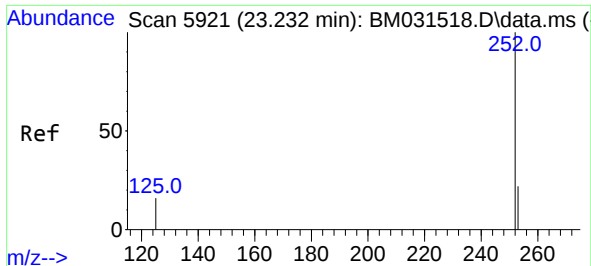
Tgt Ion:	252	Resp:	10023
Ion Ratio	Lower	Upper	
252	100		
253	26.5	21.3	31.9
125	12.7	8.8	13.2



Instrument :
BNA_M
ClientSampled :
C0090

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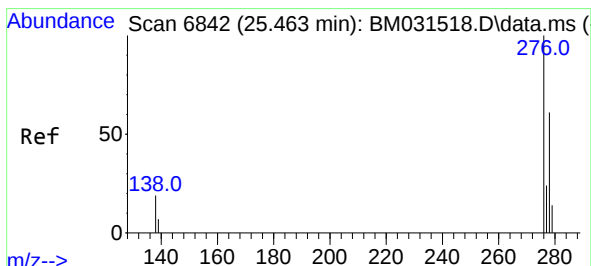
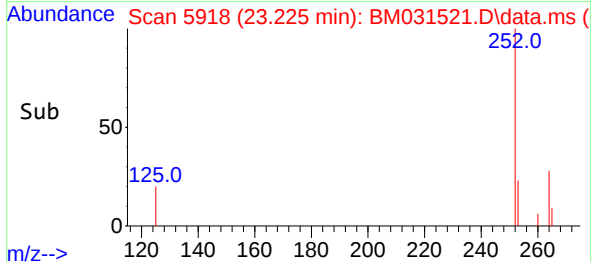
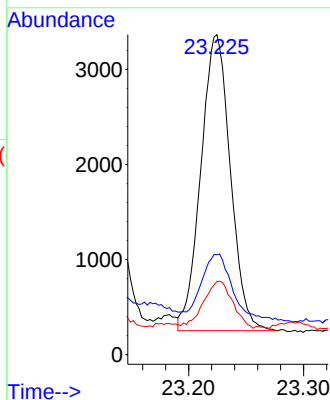
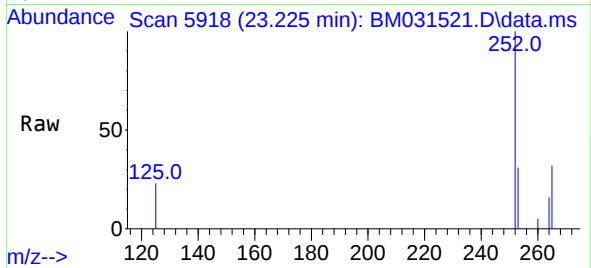
#26
Benzo(a)pyrene
Concen: 0.415 ng/ul
RT: 23.225 min Scan# 5918
Delta R.T. -0.007 min
Lab File: BM031521.D
Acq: 06 Aug 2021 18:28

Tgt Ion:	252	Resp:	5557
Ion Ratio	Lower	Upper	
252	100		
253	31.3	22.4	33.6
125	22.9	13.0	19.4#

Instrument :
BNA_M
ClientSampled :
C0090

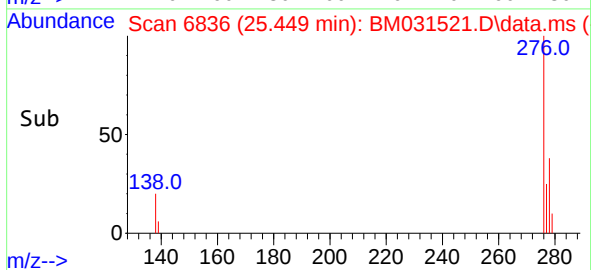
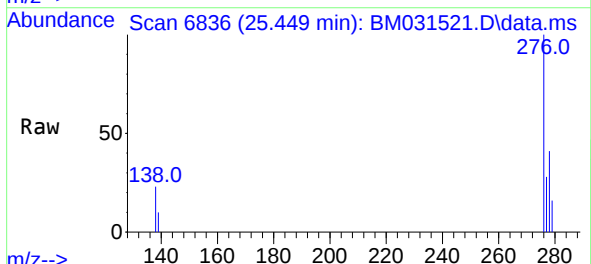
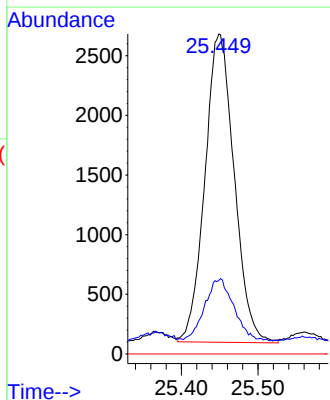
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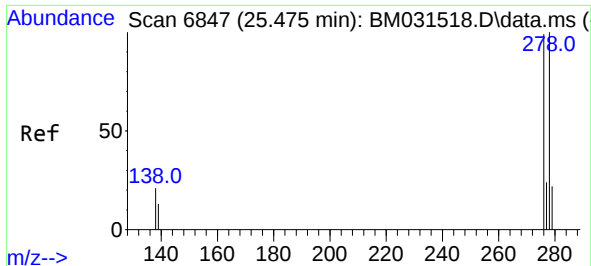
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#27
Indeno(1,2,3-cd)pyrene
Concen: 0.396 ng/ul
RT: 25.449 min Scan# 6836
Delta R.T. -0.014 min
Lab File: BM031521.D
Acq: 06 Aug 2021 18:28

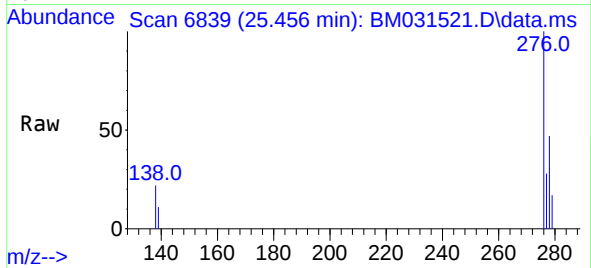
Tgt Ion:	276	Resp:	6852
Ion Ratio	Lower	Upper	
276	100		
138	20.0	15.8	23.8
227	0.0	0.0	0.0





#28
 Dibenzo(a,h)anthracene
 Concen: 0.254 ng/ul
 RT: 25.456 min Scan# 6839
 Delta R.T. -0.019 min
 Lab File: BM031521.D
 Acq: 06 Aug 2021 18:28

Instrument :
 BNA_M
 ClientSampleId :
 C0090



Tgt Ion: 278 Resp: 3540
 Ion Ratio Lower Upper
 278 100
 139 22.8 13.3 19.9#
 279 35.9 22.8 34.2#

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