

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072821\
 Data File : BM031214.D
 Acq On : 28 Jul 2021 16:41
 Operator : CG/JU
 Sample : M3082-08DL 5X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0006DL

Manual Integrations
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Quant Time: Jul 28 17:18:31 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 : Wed Jul 28 15:20:04 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.614	152	2170	0.400	ng/ul	0.00
4) Naphthalene-d8	10.379	136	8366	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.243	164	5240	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.992	188	10370	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.185	240	7898	0.400	ng/ul	# 0.00
23) Perylene-d12	23.353	264	7528	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.203	96	860	0.357	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.971	152	408	0.029	ng/ul	0.00
18) Fluoranthene-d10	19.024	212	983	0.037	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.428	128	6676	0.268	ng/ul	99
7) 2-Methylnaphthalene	12.047	142	6696	0.393	ng/ul	100
8) 1-Methylnaphthalene	12.268	142	5863	0.349	ng/ul	99
10) Acenaphthylene	13.968	152	1019	0.046	ng/ul#	71
11) Acenaphthene	14.307	153	886	0.047	ng/ul	95
12) Fluorene	15.297	166	3990	0.185	ng/ul#	85
15) Phenanthrene	17.034	178	37633	1.143	ng/ul	98
16) Anthracene	17.124	178	3635	0.118	ng/ul#	85
19) Fluoranthene	19.054	202	18087	0.536	ng/ul#	91
20) Pyrene	19.416	202	18538	0.542	ng/ul#	91
21) Benzo(a)anthracene	21.168	228	8724	0.274	ng/ul#	62
22) Chrysene	21.222	228	21016	0.637	ng/ul#	83
24) Benzo(b)fluoranthene	22.708	252	9441m	0.278	ng/ul	
25) Benzo(k)fluoranthene	22.750	252	2253m	0.064	ng/ul	
26) Benzo(a)pyrene	23.261	252	4158	0.140	ng/ul#	39
27) Indeno(1,2,3-cd)pyrene	25.497	276	2790	0.073	ng/ul#	93
28) Dibenzo(a,h)anthracene	25.512	278	1613	0.052	ng/ul#	1

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

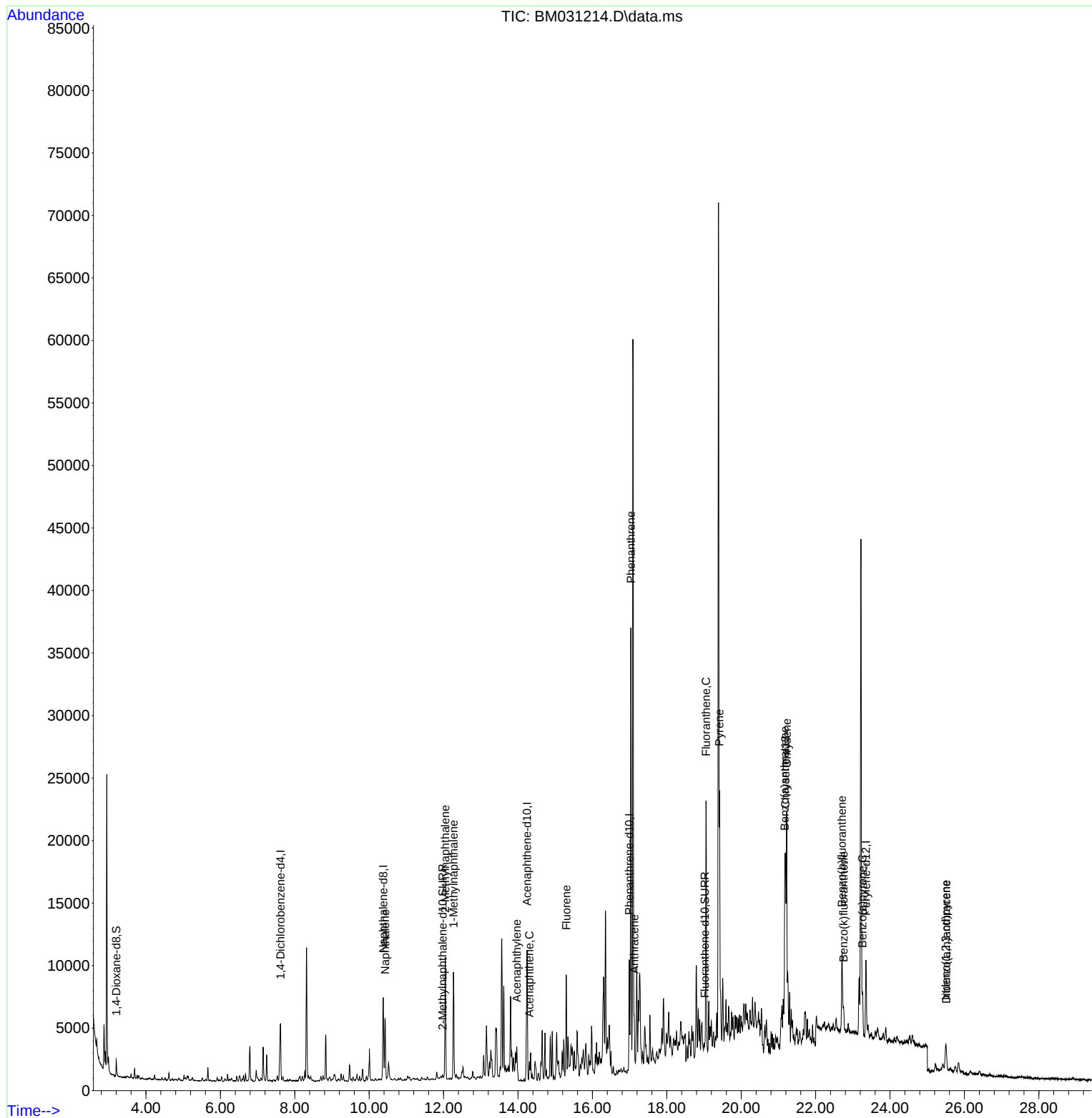
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072821\
Data File : BM031214.D
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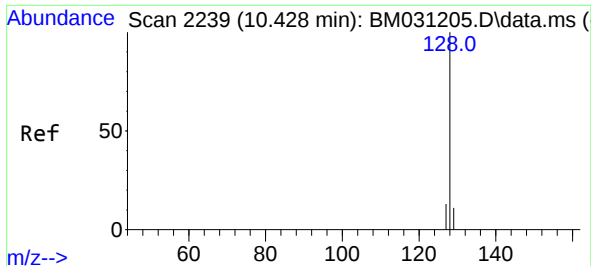
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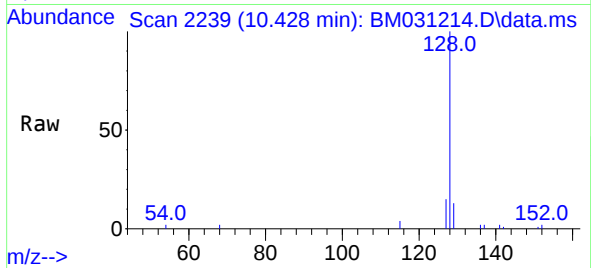
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QLast Update : Wed Jul 28 15:20:04 2021
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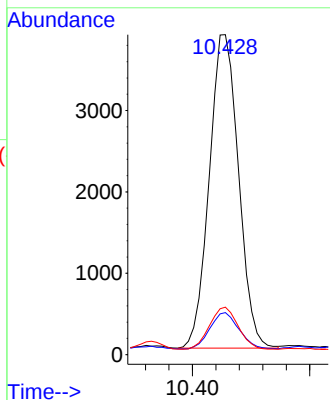
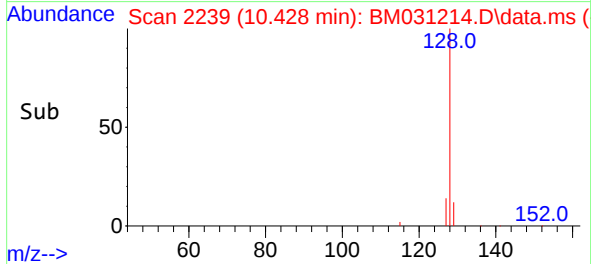




#5
Naphthalene
Concen: 0.268 ng/ul
RT: 10.428 min Scan# 2239
Delta R.T. -0.000 min
Lab File: BM031214.D
Acq: 28 Jul 2021 16:41



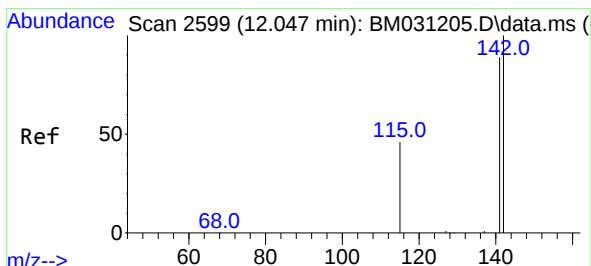
Tgt Ion:	128	Resp:	6676
Ion	Ratio	Lower	Upper
128	100		
129	13.2	10.0	15.0
127	14.9	11.6	17.4



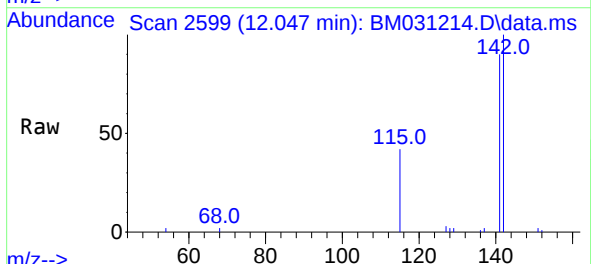
Instrument :
BNA_M
ClientSampleId :
C0006DL

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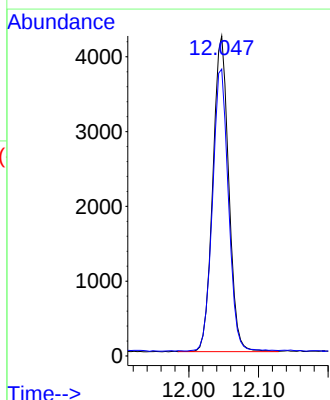
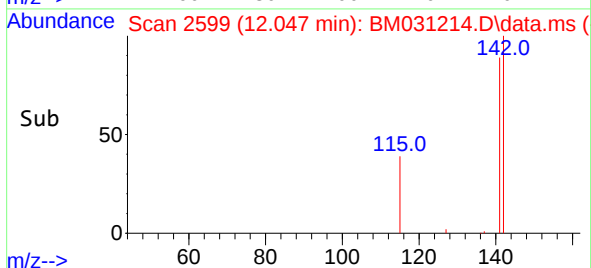
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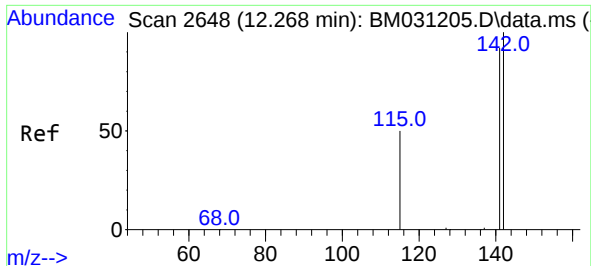


#7
2-Methylnaphthalene
Concen: 0.393 ng/ul
RT: 12.047 min Scan# 2599
Delta R.T. -0.000 min
Lab File: BM031214.D
Acq: 28 Jul 2021 16:41



Tgt Ion:	142	Resp:	6696
Ion	Ratio	Lower	Upper
142	100		
141	89.5	71.4	107.0





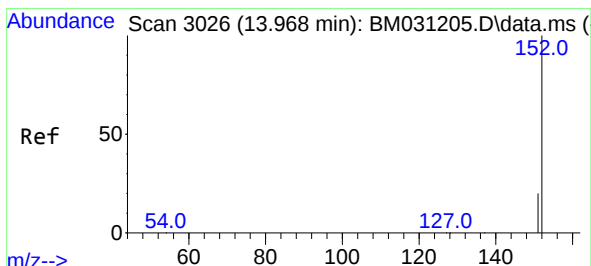
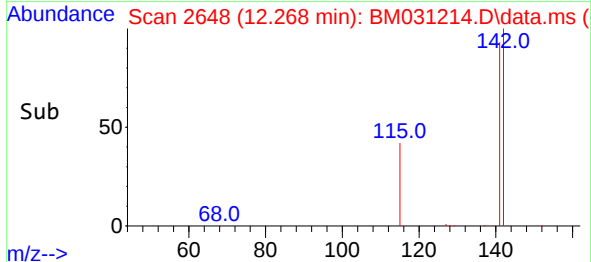
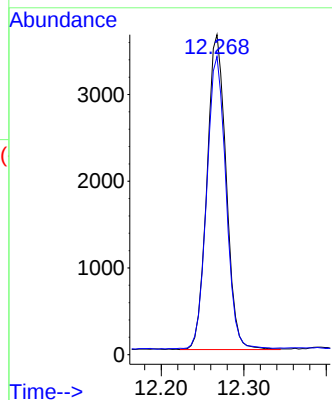
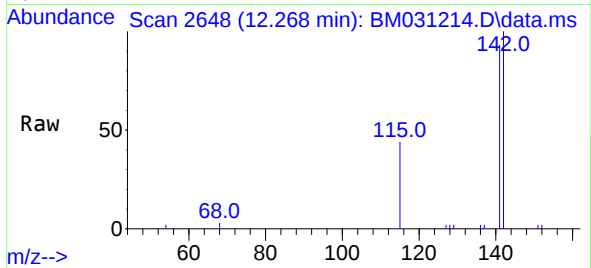
#8
1-Methylnaphthalene
Concen: 0.349 ng/ul
RT: 12.268 min Scan# 2648
Delta R.T. -0.000 min
Lab File: BM031214.D
Acq: 28 Jul 2021 16:41

Tgt Ion:142 Resp: 5863
Ion Ratio Lower Upper
142 100
141 93.7 74.1 111.1

Instrument :
BNA_M
ClientSampled :
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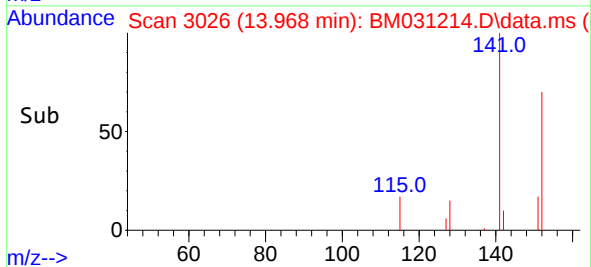
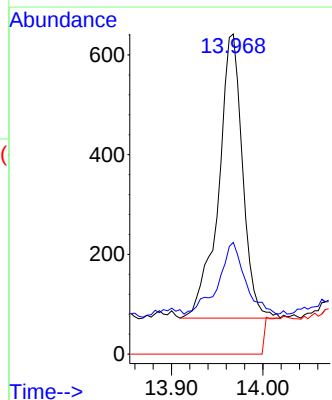
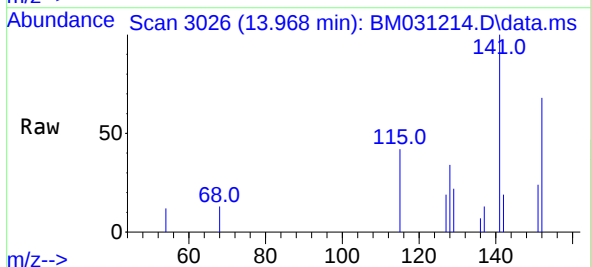
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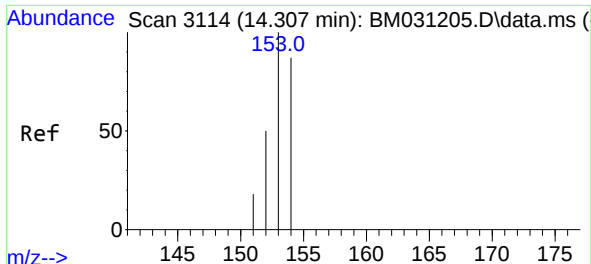
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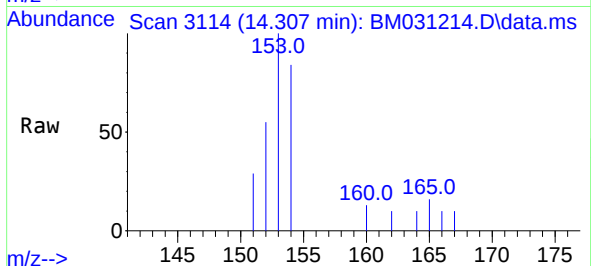
#10
Acenaphthylene
Concen: 0.046 ng/ul
RT: 13.968 min Scan# 3026
Delta R.T. -0.000 min
Lab File: BM031214.D
Acq: 28 Jul 2021 16:41

Tgt Ion:152 Resp: 1019
Ion Ratio Lower Upper
152 100
151 34.9 16.9 25.3#
153 0.0 0.0 0.0

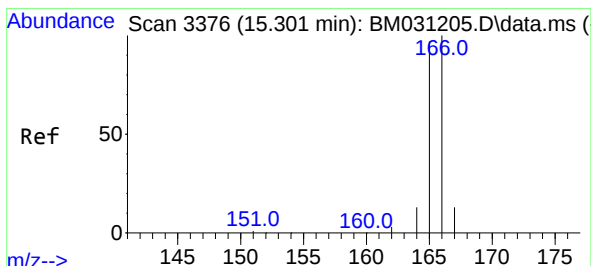
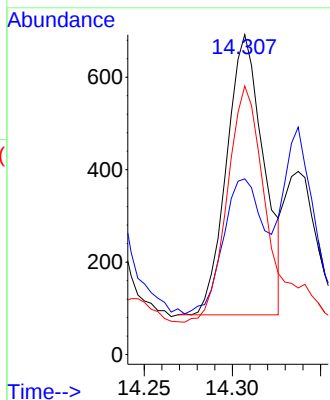
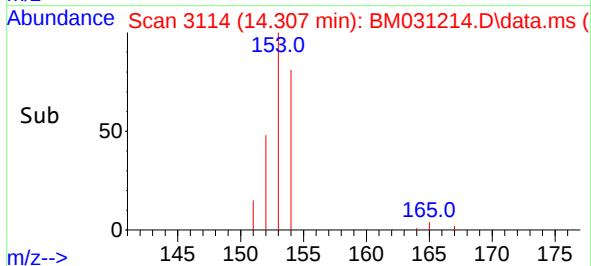




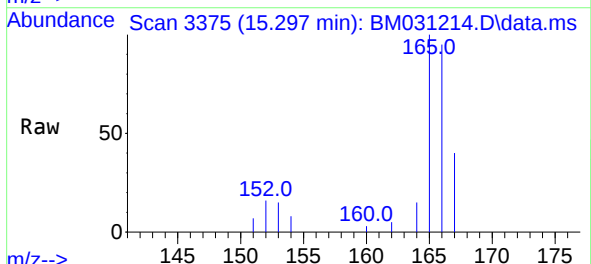
#11
Acenaphthene
Concen: 0.047 ng/ul
RT: 14.307 min Scan# 3114
Delta R.T. -0.000 min
Lab File: BM031214.D
Acq: 28 Jul 2021 16:41



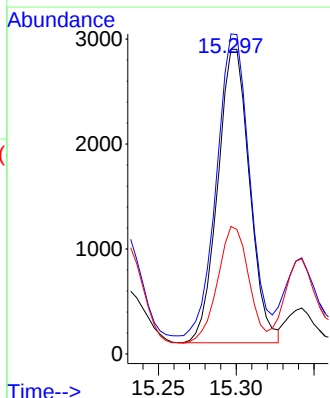
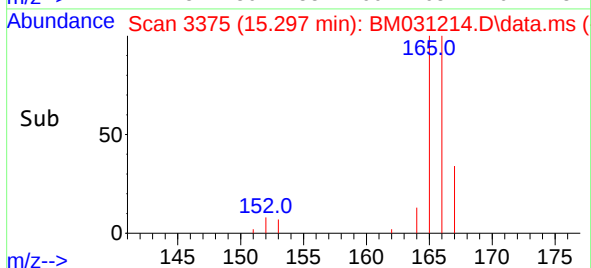
Tgt Ion:153 Resp: 886
Ion Ratio Lower Upper
153 100
152 54.9 40.7 61.1
154 84.0 70.2 105.2



#12
Fluorene
Concen: 0.185 ng/ul
RT: 15.297 min Scan# 3375
Delta R.T. -0.004 min
Lab File: BM031214.D
Acq: 28 Jul 2021 16:41



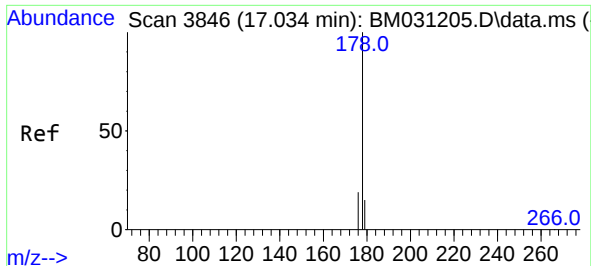
Tgt Ion:166 Resp: 3990
Ion Ratio Lower Upper
166 100
165 105.1 78.0 117.0
167 41.9 12.0 18.0#



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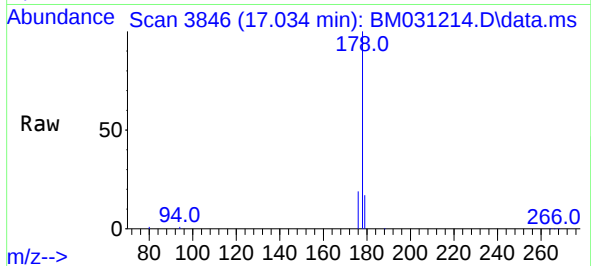
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#15
Phenanthrene
Concen: 1.143 ng/ul
RT: 17.034 min Scan# 3846
Delta R.T. -0.000 min
Lab File: BM031214.D
Acq: 28 Jul 2021 16:41

Instrument :
BNA_M
ClientSampled :
C0006DL

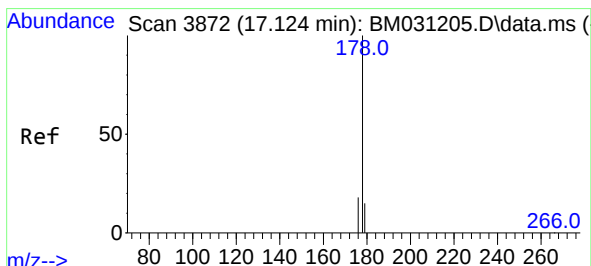
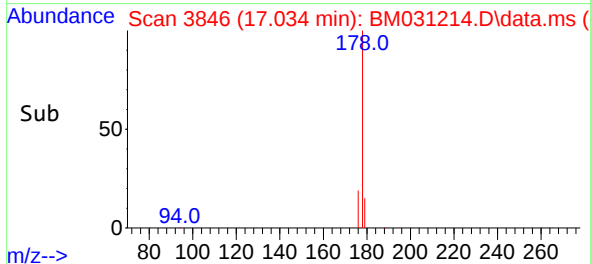
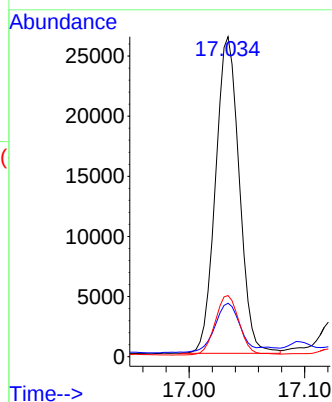


Tgt Ion:178 Resp: 37633

Ion	Ratio	Lower	Upper
178	100		
179	16.7	13.3	19.9
176	19.1	16.2	24.4

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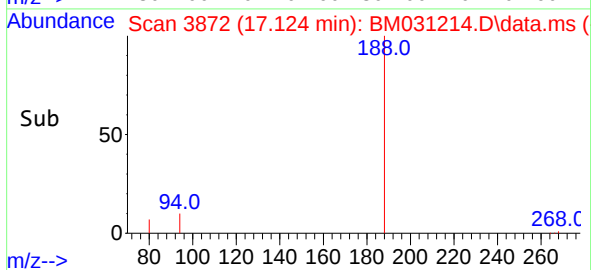
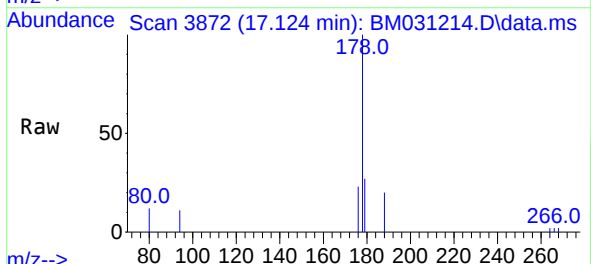
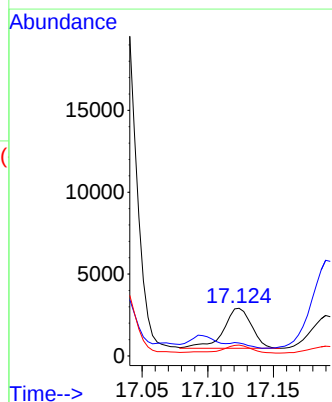
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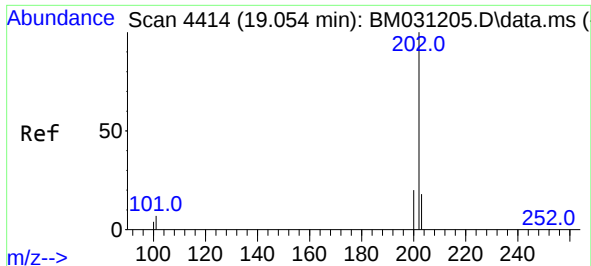


#16
Anthracene
Concen: 0.118 ng/ul
RT: 17.124 min Scan# 3872
Delta R.T. -0.000 min
Lab File: BM031214.D
Acq: 28 Jul 2021 16:41

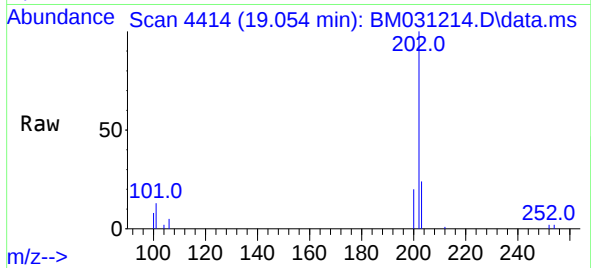
Tgt Ion:178 Resp: 3635

Ion	Ratio	Lower	Upper
178	100		
179	27.1	13.0	19.6#
176	22.8	15.6	23.4

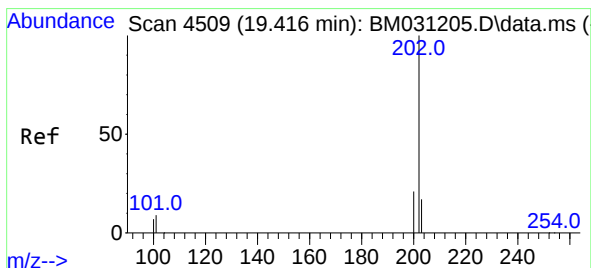
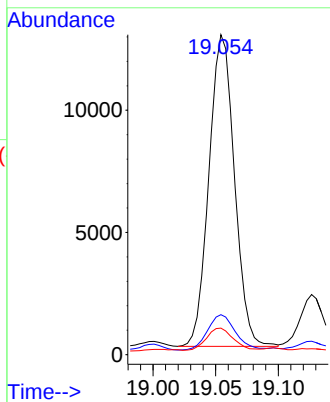
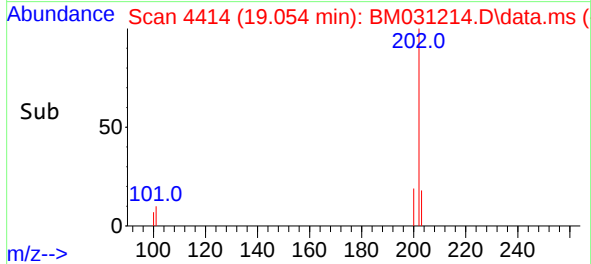




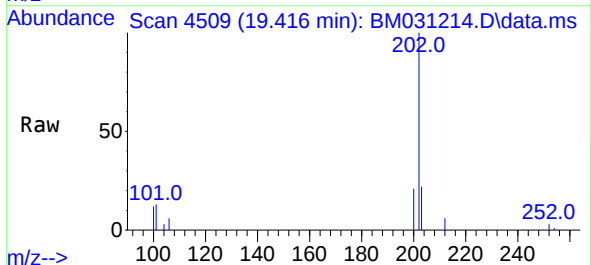
#19
Fluoranthene
Concen: 0.536 ng/u1
RT: 19.054 min Scan# 4414
Delta R.T. -0.000 min
Lab File: BM031214.D
Acq: 28 Jul 2021 16:41



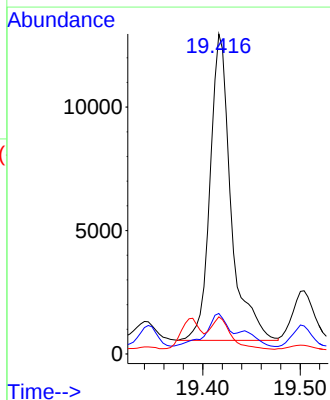
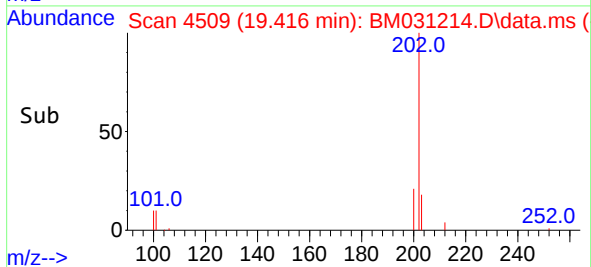
Tgt Ion:202 Resp: 18087
Ion Ratio Lower Upper
202 100
101 12.5 6.6 10.0#
100 8.3 5.4 8.0#



#20
Pyrene
Concen: 0.542 ng/u1
RT: 19.416 min Scan# 4509
Delta R.T. -0.000 min
Lab File: BM031214.D
Acq: 28 Jul 2021 16:41



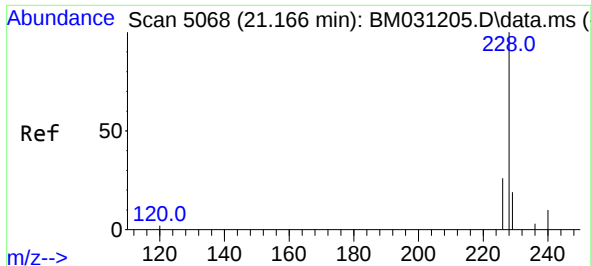
Tgt Ion:202 Resp: 18538
Ion Ratio Lower Upper
202 100
101 12.7 7.8 11.6#
100 11.6 6.6 10.0#



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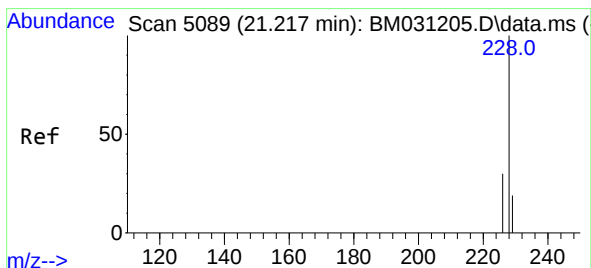
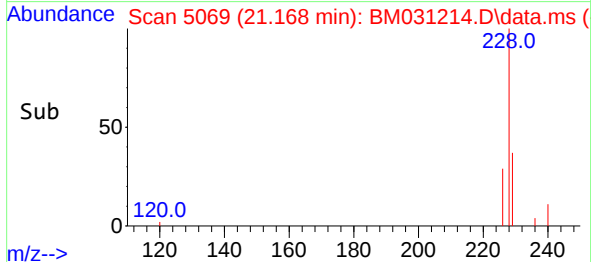
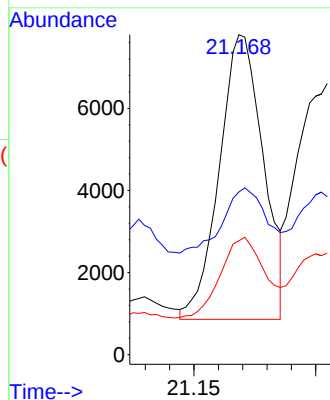
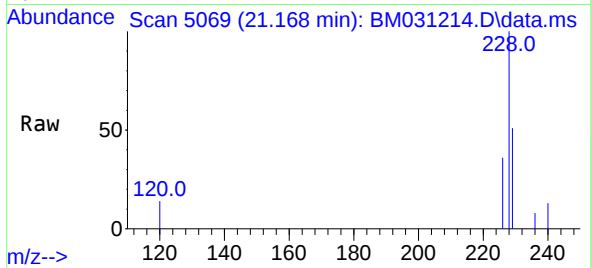
#21
Benzo(a)anthracene
Concen: 0.274 ng/ul
RT: 21.168 min Scan# 5069
Delta R.T. 0.002 min
Lab File: BM031214.D
Acq: 28 Jul 2021 16:41

Tgt Ion:228 Resp: 8724
Ion Ratio Lower Upper
228 100
229 50.9 15.6 23.4#
226 35.6 21.7 32.5#

Instrument :
BNA_M
ClientSampled :
C0006DL

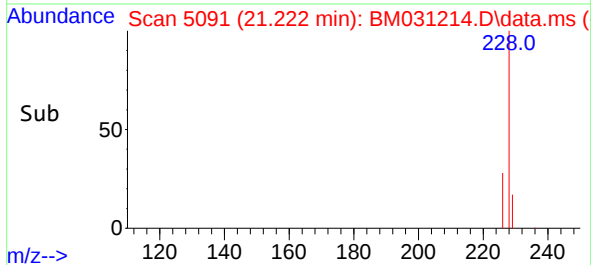
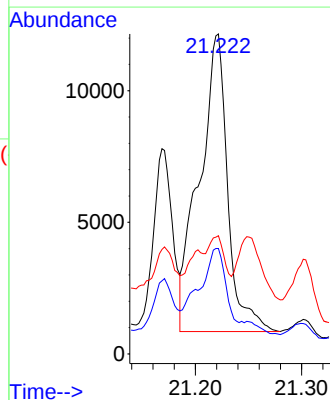
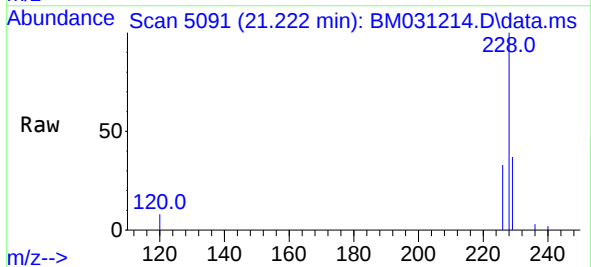
Manual Integrations
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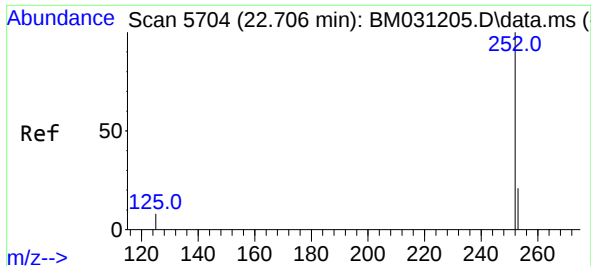
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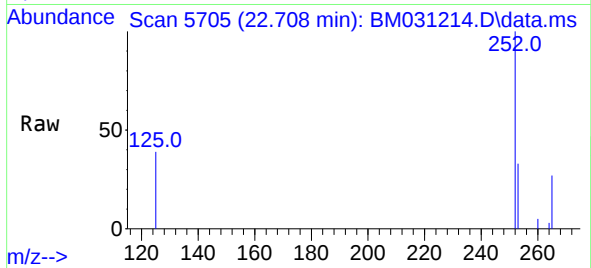
#22
Chrysene
Concen: 0.637 ng/ul
RT: 21.222 min Scan# 5091
Delta R.T. 0.005 min
Lab File: BM031214.D
Acq: 28 Jul 2021 16:41

Tgt Ion:228 Resp: 21016
Ion Ratio Lower Upper
228 100
226 33.0 24.7 37.1
229 36.9 16.2 24.2#

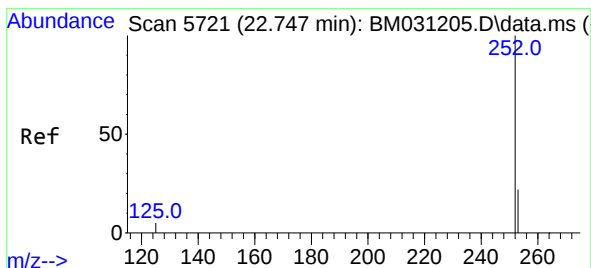
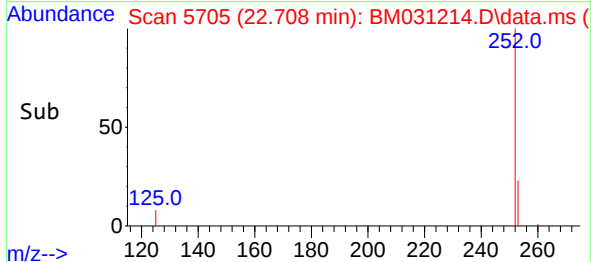
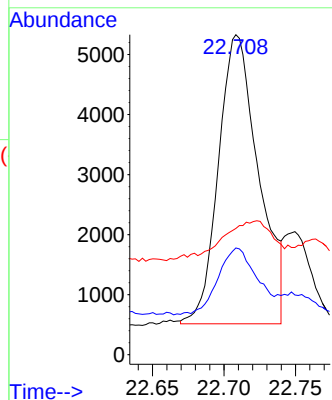




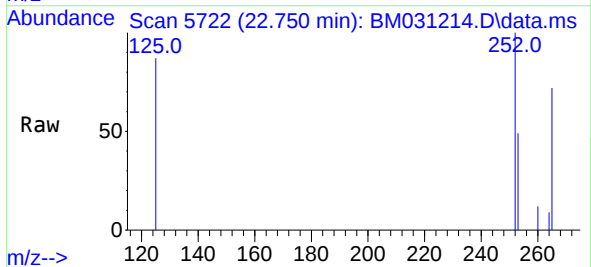
#24
Benzo(b)fluoranthene
Concen: 0.278 ng/ul m
RT: 22.708 min Scan# 5705
Delta R.T. 0.002 min
Lab File: BM031214.D
Acq: 28 Jul 2021 16:41



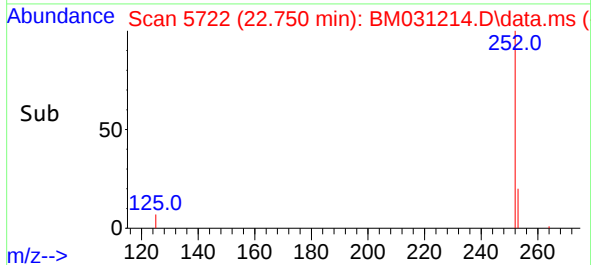
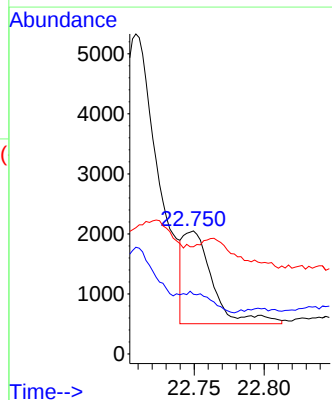
Tgt Ion:252 Resp: 9441
Ion Ratio Lower Upper
252 100
253 33.4 0.0 53.0
125 39.5 0.0 22.8#



#25
Benzo(k)fluoranthene
Concen: 0.064 ng/ul m
RT: 22.750 min Scan# 5722
Delta R.T. 0.002 min
Lab File: BM031214.D
Acq: 28 Jul 2021 16:41



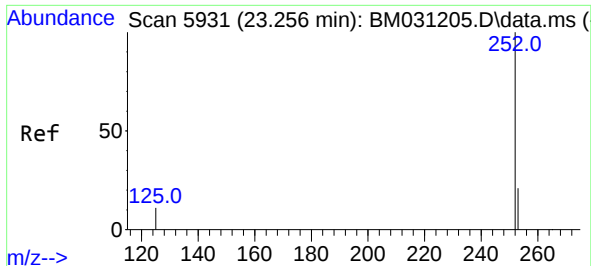
Tgt Ion:252 Resp: 2253
Ion Ratio Lower Upper
252 100
253 48.5 21.3 31.9#
125 87.0 8.8 13.2#



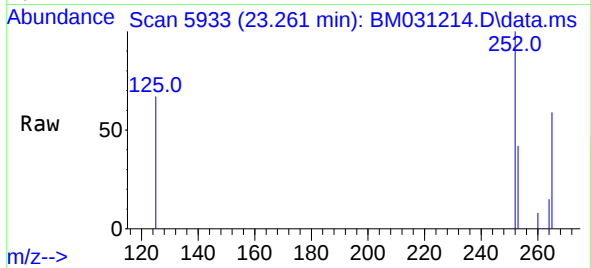
Instrument :
BNA_M
ClientSampled :
C0006DL

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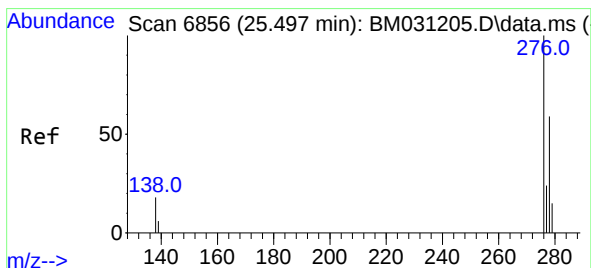
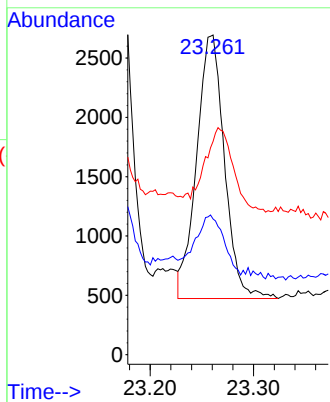
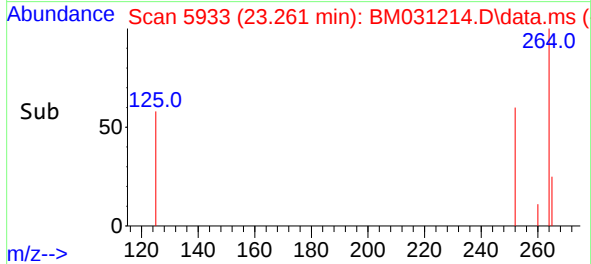
mohammad
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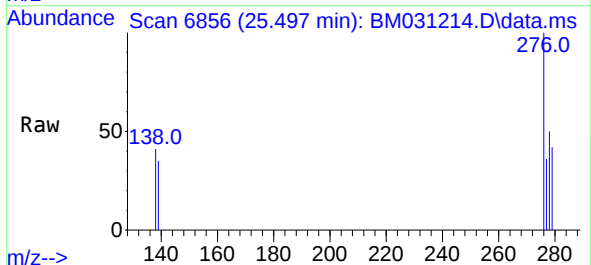
#26
Benzo(a)pyrene
Concen: 0.140 ng/ul
RT: 23.261 min Scan# 5933
Delta R.T. 0.005 min
Lab File: BM031214.D
Acq: 28 Jul 2021 16:41



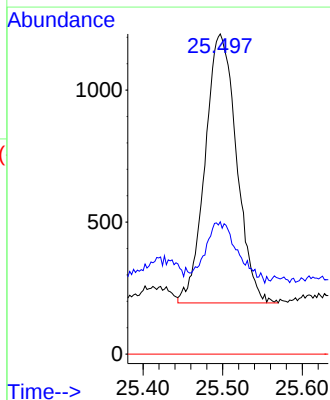
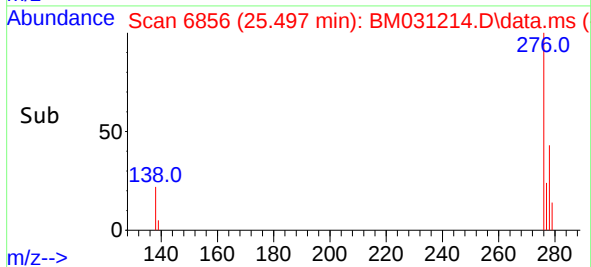
Tgt Ion:252 Resp: 4158
Ion Ratio Lower Upper
252 100
253 42.4 22.4 33.6#
125 66.7 13.0 19.4#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.073 ng/ul
RT: 25.497 min Scan# 6856
Delta R.T. -0.000 min
Lab File: BM031214.D
Acq: 28 Jul 2021 16:41



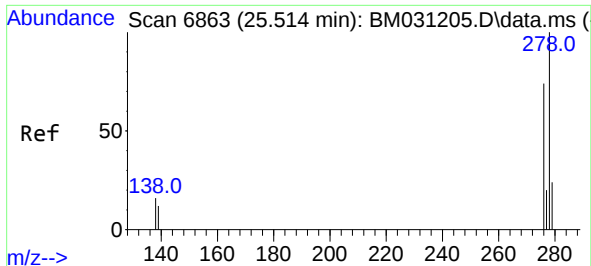
Tgt Ion:276 Resp: 2790
Ion Ratio Lower Upper
276 100
138 23.2 15.8 23.8
227 0.0 0.0 0.0



Instrument :
BNA_M
ClientSampleID :
C0006DL

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#28
 Dibenzo(a,h)anthracene
 Concen: 0.052 ng/ul
 RT: 25.512 min Scan# 6862
 Delta R.T. -0.003 min
 Lab File: BM031214.D
 Acq: 28 Jul 2021 16:41

Tgt Ion: 278 Resp: 1613
 Ion Ratio Lower Upper
 278 100
 139 67.6 13.3 19.9#
 279 84.4 22.8 34.2#

Instrument :
 BNA_M
 ClientSampleId :
 C0006DL

Manual Integrations
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