

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051921\
 Data File : BN014675.D
 Acq On : 19 May 2021 17:10
 Operator : CG/JU
 Sample : M2445-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BG1Z3

Manual Integrations
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 5/20/2021 11:34:27 AM

Quant Time: May 20 01:47:16 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN051421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 14 15:50:11 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.734	152	630	0.40	ng/ul	0.00
4) Naphthalene-d8	10.516	136	2185	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.375	164	1766	0.40	ng/ul	0.00
13) Phenanthrene-d10	17.131	188	3884m	0.40	ng/ul	0.00
17) Chrysene-d12	21.329	240	4432	0.40	ng/ul	0.00
23) Perylene-d12	23.600	264	4225	0.40	ng/ul	# 0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.254	96	926	1.43	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.111	152	1261	0.33	ng/ul	0.00
18) Fluoranthene-d10	19.163	212	4789	0.43	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.565	128	9023	1.42	ng/ul#	91
7) 2-Methylnaphthalene	12.188	142	2938	0.64	ng/ul	97
8) 1-Methylnaphthalene	12.408	142	15068	3.42	ng/ul	100
10) Acenaphthylene	14.098	152	1113	0.17	ng/ul#	69
11) Acenaphthene	14.440	153	92391	15.19	ng/ul	98
12) Fluorene	15.430	166	53901	7.21	ng/ul#	98
15) Phenanthrene	17.169	178	74544	6.17	ng/ul	97
16) Anthracene	17.262	178	18639	1.98	ng/ul	95
19) Fluoranthene	19.195	202	61621	4.47	ng/ul	97
20) Pyrene	19.558	202	46219	3.31	ng/ul	99
21) Benzo(a)anthracene	21.315	228	3596	0.26	ng/ul	97
22) Chrysene	21.367	228	2806m	0.18	ng/ul	
24) Benzo(b)fluoranthene	22.922	252	1398m	0.08	ng/ul	
25) Benzo(k)fluoranthene	22.963	252	532m	0.03	ng/ul	
26) Benzo(a)pyrene	23.504	252	957	0.07	ng/ul#	42
27) Indeno(1,2,3-cd)pyrene	25.896	276	544	0.03	ng/ul#	81
29) Benzo(g,h,i)perylene	26.593	276	491	0.03	ng/ul#	61

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

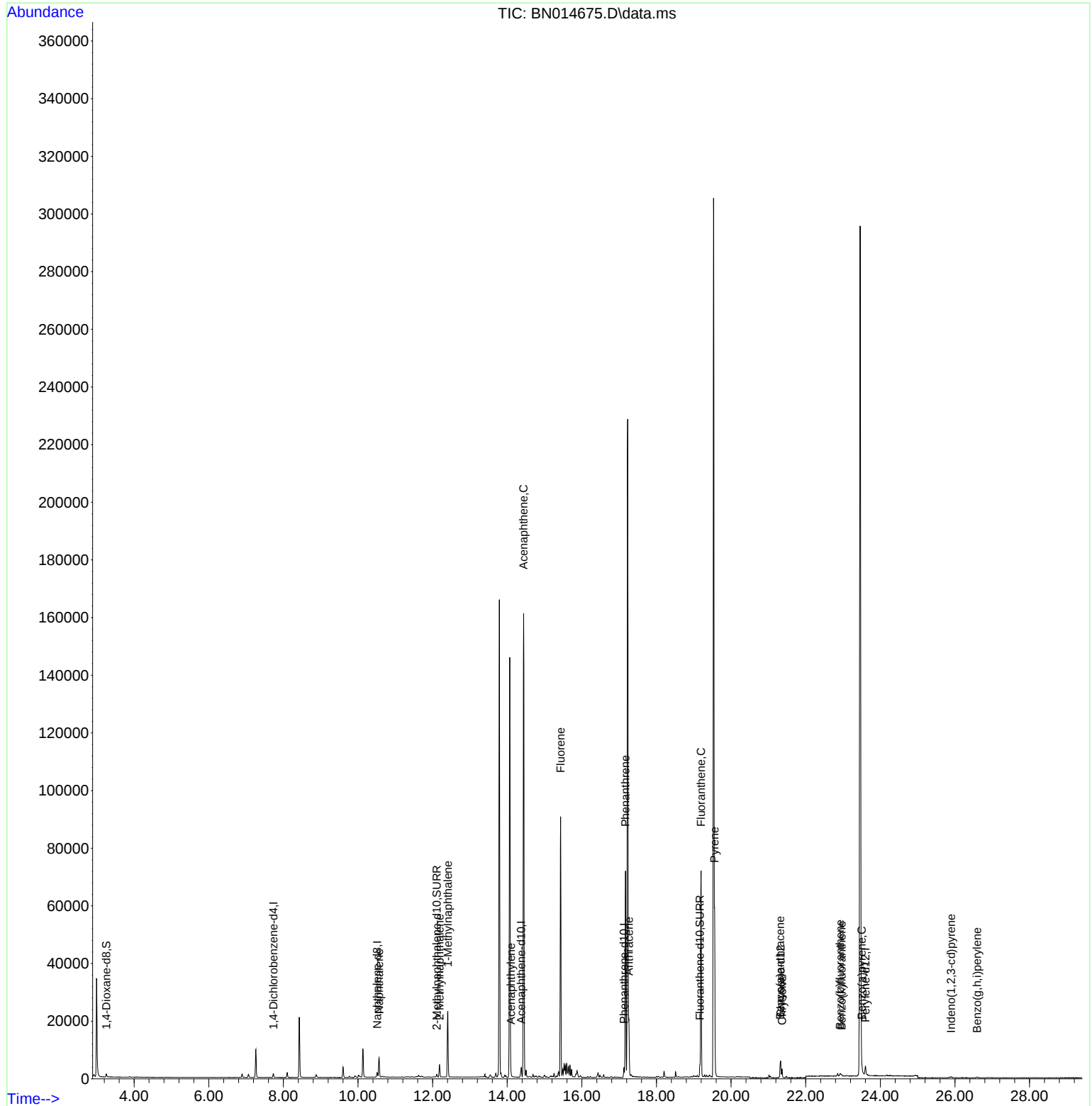
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Data File : BN014675.D
Acq On : 19 May 2021 17:10
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Misc :
ALS Vial : 5 Sample Multiplier: 1

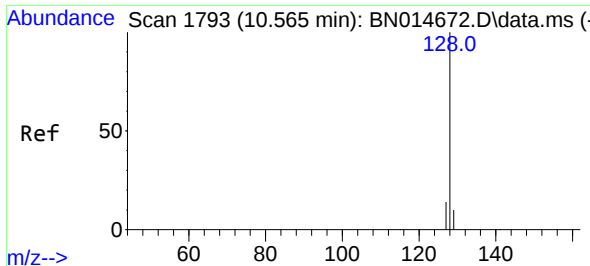
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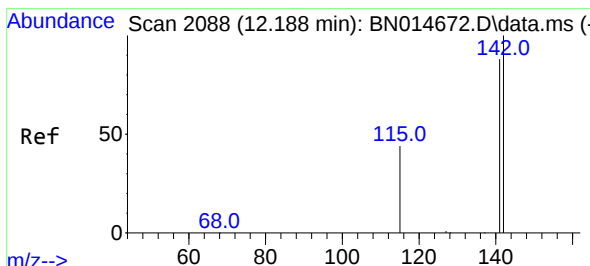
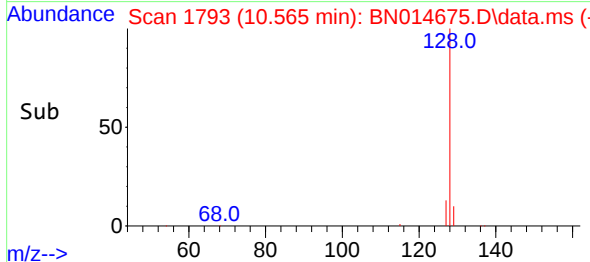
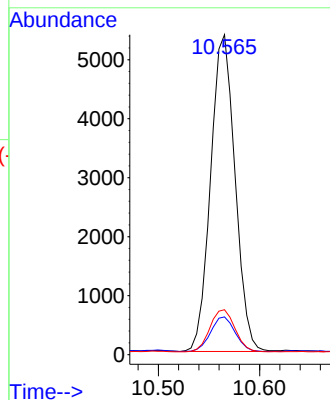
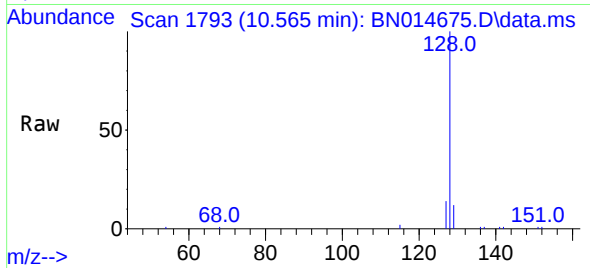
#5
Naphthalene
Concen: 1.42 ng/ul
RT: 10.565 min Scan# 1793
Delta R.T. -0.000 min
Lab File: BN014675.D
Acq: 19 May 2021 17:10

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.8	10.9	16.3
127	14.0	15.7	23.5#

Instrument :
BNA_N
ClientSampled :
BG1Z3

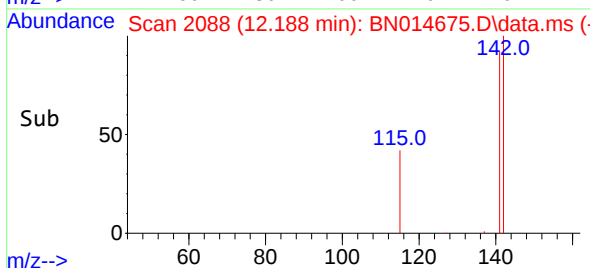
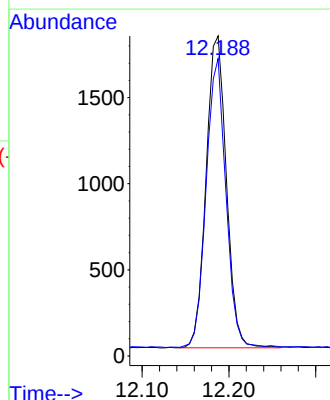
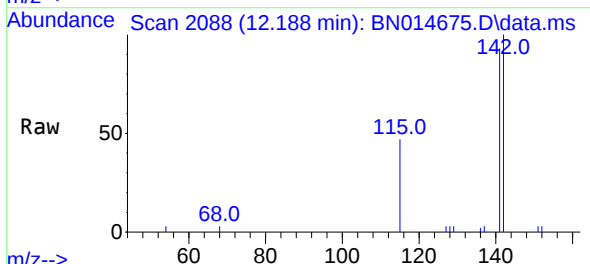
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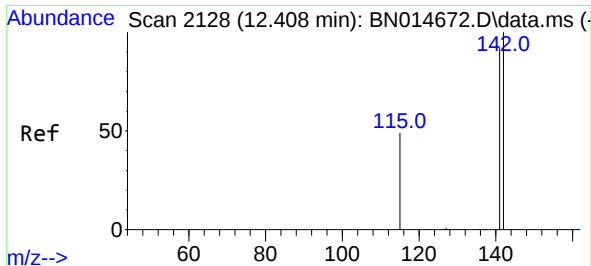
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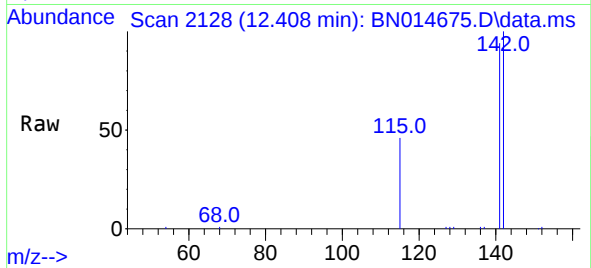
#7
2-Methylnaphthalene
Concen: 0.64 ng/ul
RT: 12.188 min Scan# 2088
Delta R.T. 0.005 min
Lab File: BN014675.D
Acq: 19 May 2021 17:10

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.3	70.2	105.2

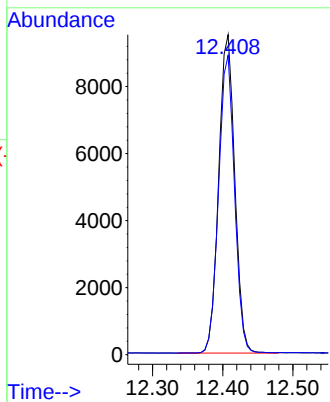
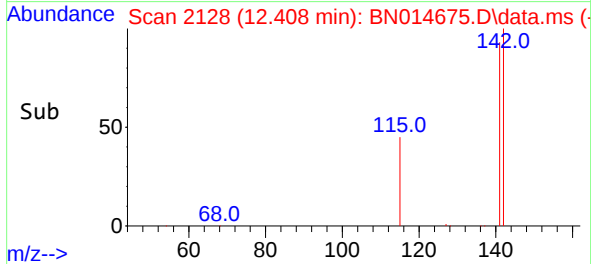




#8
1-Methylnaphthalene
Concen: 3.42 ng/ul
RT: 12.408 min Scan# 2128
Delta R.T. 0.005 min
Lab File: BN014675.D
Acq: 19 May 2021 17:10



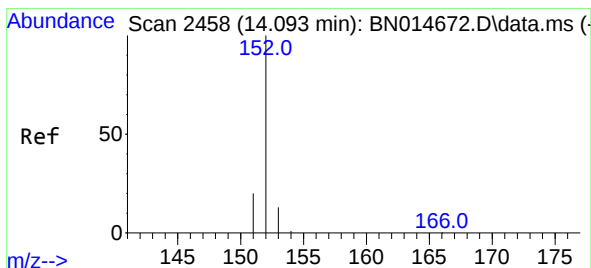
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Ion Ratio Lower Upper
142 100
141 92.6 73.9 110.9



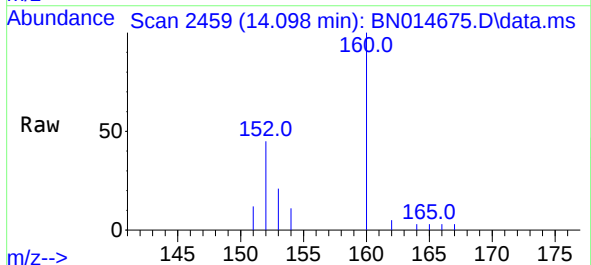
Instrument :
BNA_N
ClientSampled :
BG1Z3

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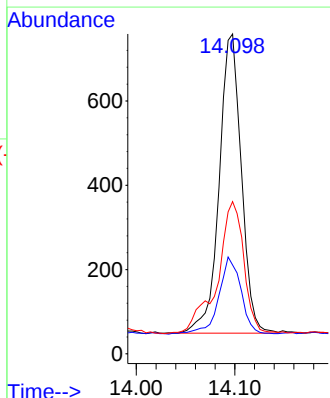
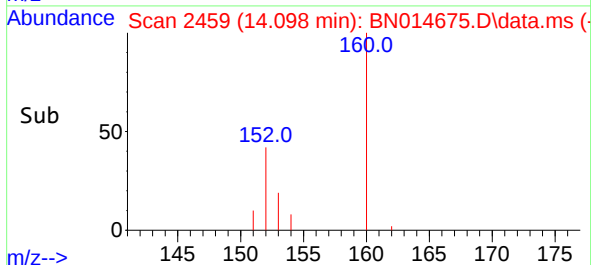
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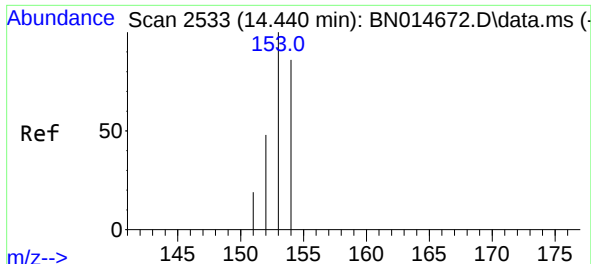


#10
Acenaphthylene
Concen: 0.17 ng/ul
RT: 14.098 min Scan# 2459
Delta R.T. 0.005 min
Lab File: BN014675.D
Acq: 19 May 2021 17:10



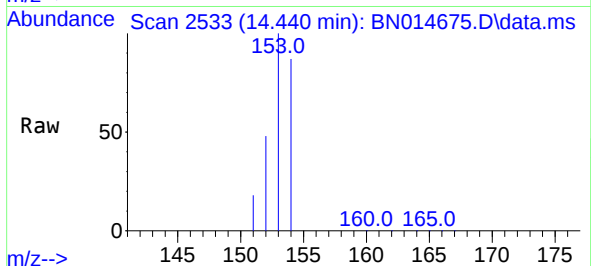
Tgt Ion:152 Resp: 1113
Ion Ratio Lower Upper
152 100
151 27.8 20.2 30.4
153 47.6 14.2 21.4#





#11
Acenaphthene
Concen: 15.19 ng/ul
RT: 14.440 min Scan# 2533
Delta R.T. -0.000 min
Lab File: BN014675.D
Acq: 19 May 2021 17:10

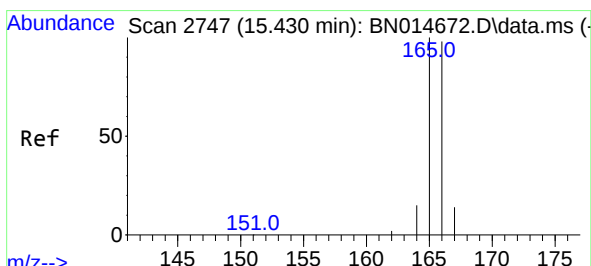
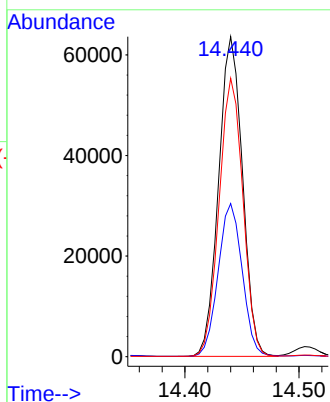
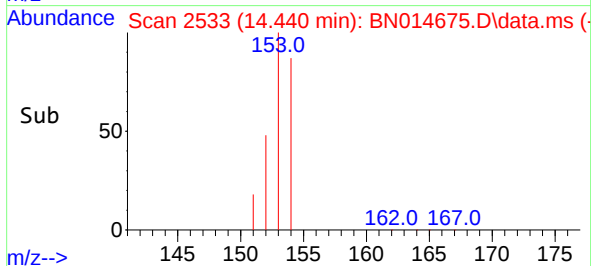
Instrument :
BNA_N
ClientSampled :
BG1Z3



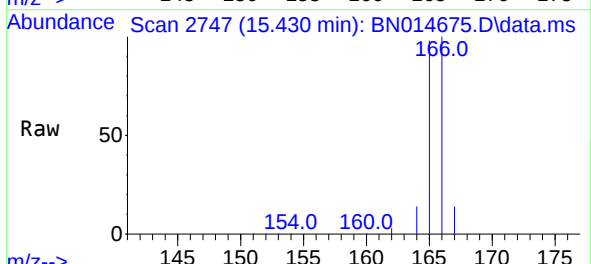
Tgt Ion:153 Resp: 92391
Ion Ratio Lower Upper
153 100
152 47.9 39.7 59.5
154 87.0 71.0 106.4

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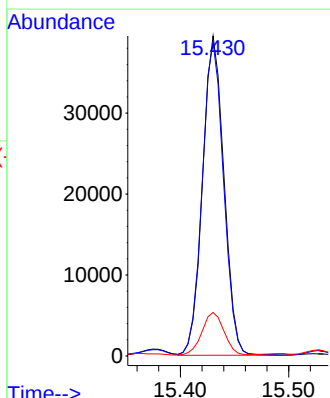
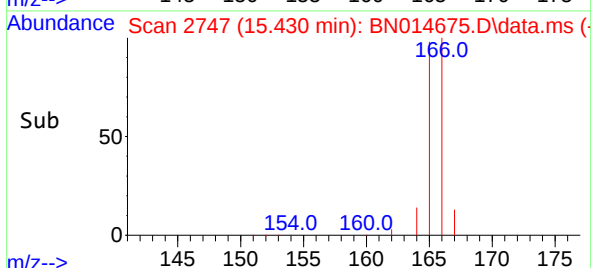
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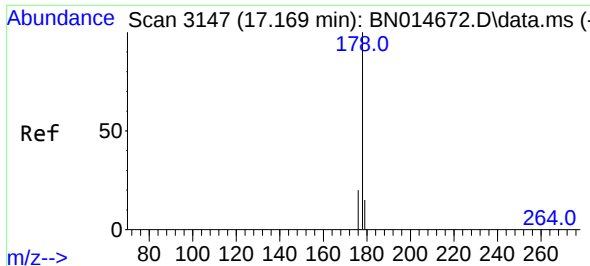


#12
Fluorene
Concen: 7.21 ng/ul
RT: 15.430 min Scan# 2747
Delta R.T. -0.000 min
Lab File: BN014675.D
Acq: 19 May 2021 17:10



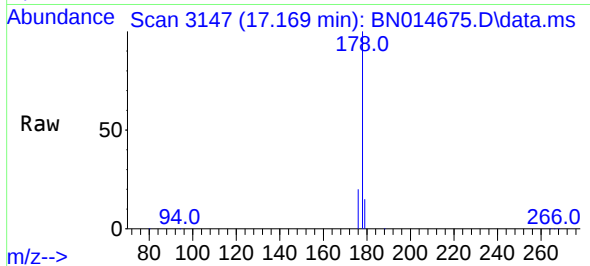
Tgt Ion:166 Resp: 53901
Ion Ratio Lower Upper
166 100
165 98.0 79.3 118.9
167 13.6 13.8 20.6#





#15
Phenanthrene
Concen: 6.17 ng/ul
RT: 17.169 min Scan# 3147
Delta R.T. -0.000 min
Lab File: BN014675.D
Acq: 19 May 2021 17:10

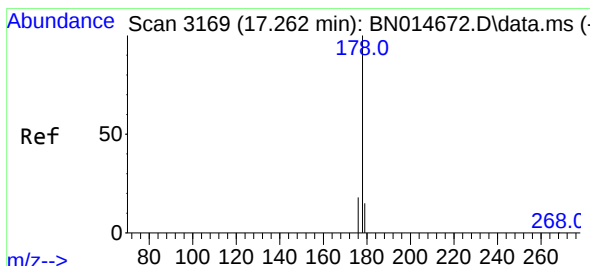
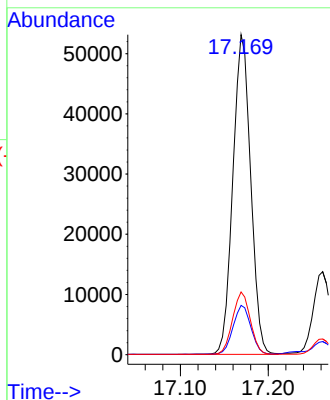
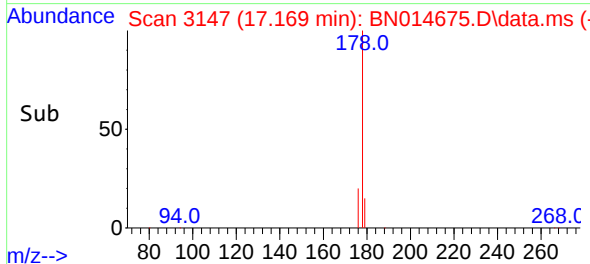
Instrument :
BNA_N
ClientSampled :
BG1Z3



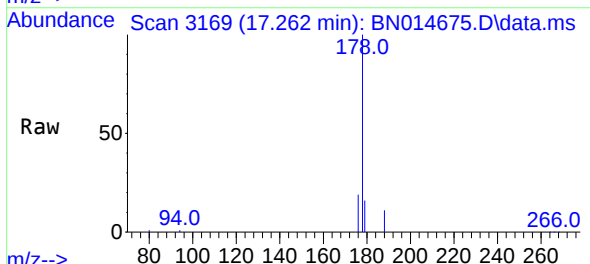
Tgt Ion:178 Resp: 74544
Ion Ratio Lower Upper
178 100
179 15.4 13.8 20.6
176 19.6 16.2 24.4

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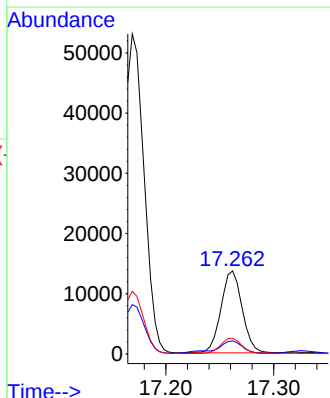
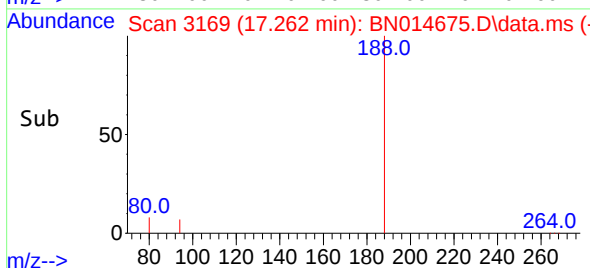
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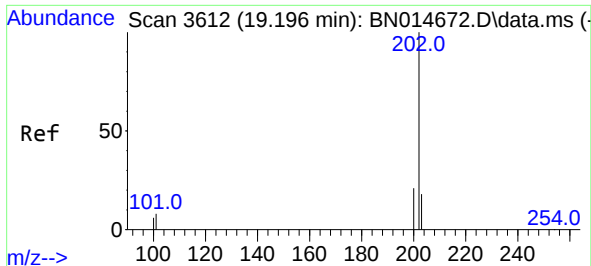


#16
Anthracene
Concen: 1.98 ng/ul
RT: 17.262 min Scan# 3169
Delta R.T. -0.000 min
Lab File: BN014675.D
Acq: 19 May 2021 17:10

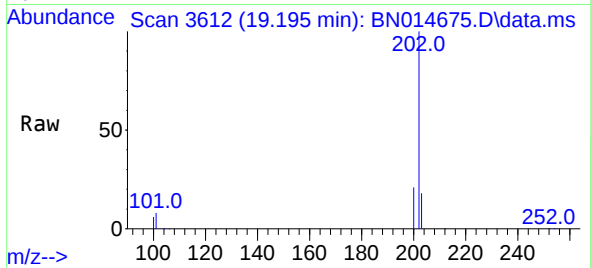


Tgt Ion:178 Resp: 18639
Ion Ratio Lower Upper
178 100
179 15.9 14.3 21.5
176 18.8 17.1 25.7

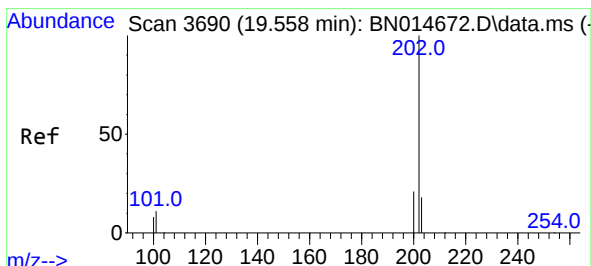
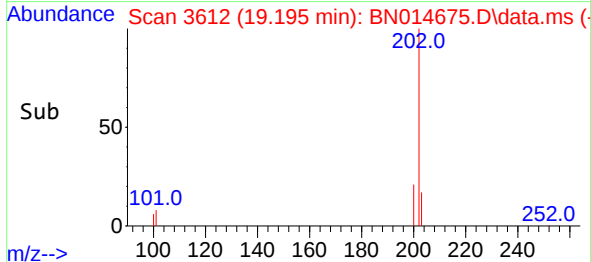
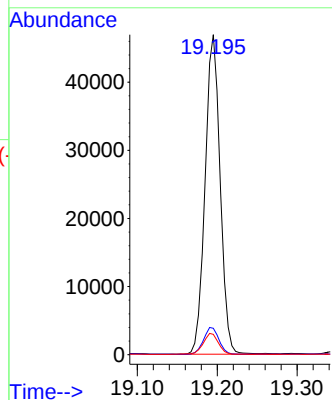




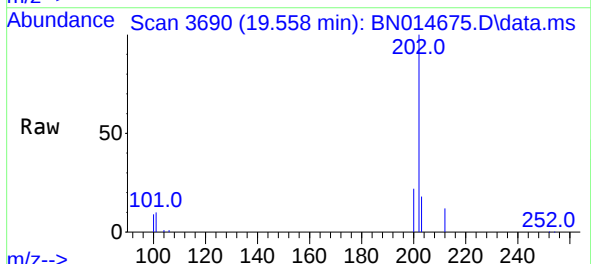
#19
Fluoranthene
Concen: 4.47 ng/ul
RT: 19.195 min Scan# 3612
Delta R.T. 0.005 min
Lab File: BN014675.D
Acq: 19 May 2021 17:10



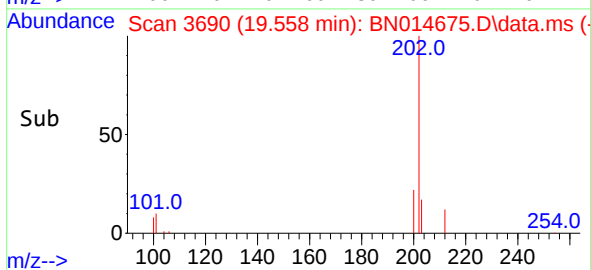
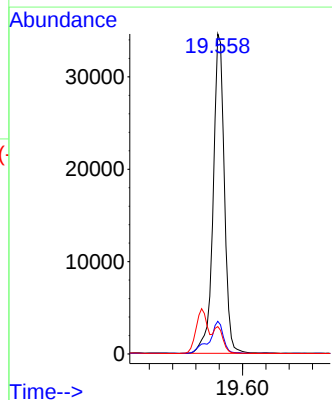
Tgt Ion:202 Resp: 61621
Ion Ratio Lower Upper
202 100
101 8.3 7.6 11.4
100 6.4 5.9 8.9



#20
Pyrene
Concen: 3.31 ng/ul
RT: 19.558 min Scan# 3690
Delta R.T. -0.000 min
Lab File: BN014675.D
Acq: 19 May 2021 17:10



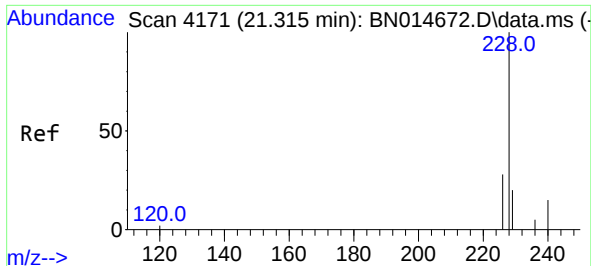
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Ion Ratio Lower Upper
202 100
101 10.2 8.5 12.7
100 8.6 7.4 11.2



Instrument :
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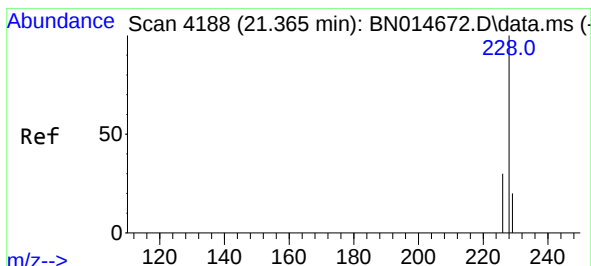
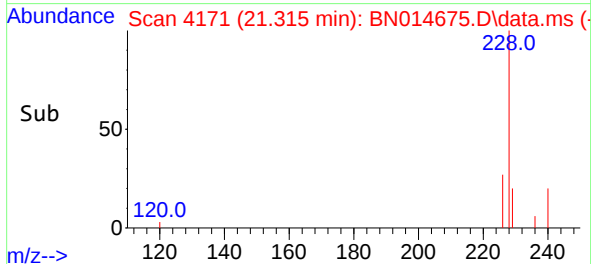
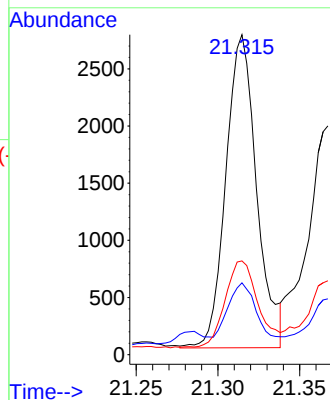
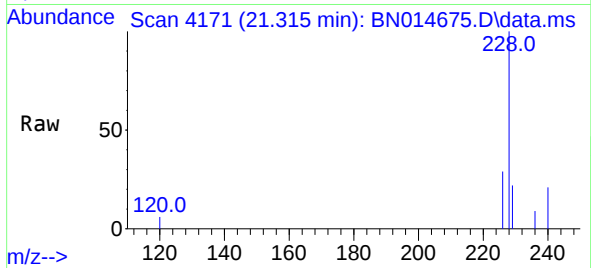
#21
Benzo(a)anthracene
Concen: 0.26 ng/ul
RT: 21.315 min Scan# 4171
Delta R.T. 0.009 min
Lab File: BN014675.D
Acq: 19 May 2021 17:10

Tgt Ion:	228	Resp:	3596
Ion Ratio	Lower	Upper	
228	100		
229	22.5	16.3	24.5
226	29.3	22.6	33.8

Instrument :
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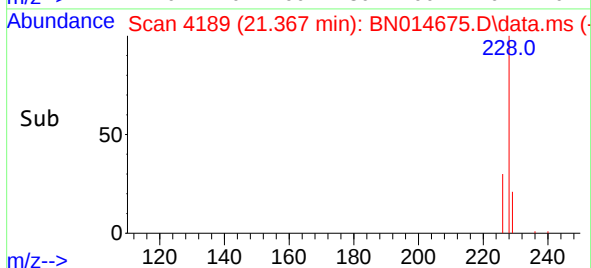
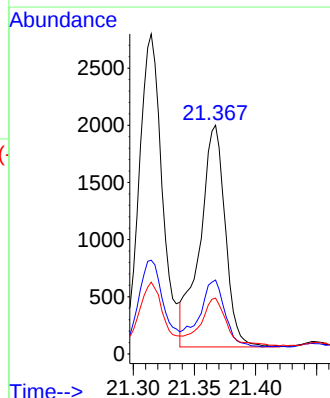
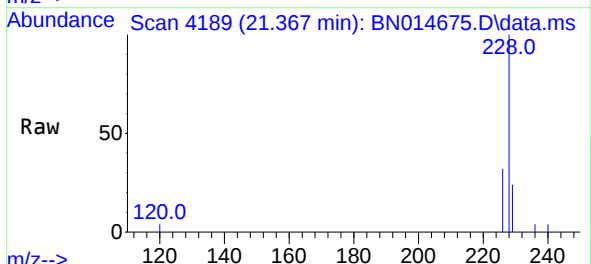
Manual Integrations
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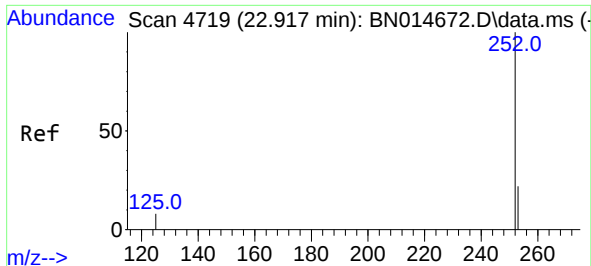
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#22
Chrysene
Concen: 0.18 ng/ul m
RT: 21.367 min Scan# 4189
Delta R.T. 0.009 min
Lab File: BN014675.D
Acq: 19 May 2021 17:10

Tgt Ion:	228	Resp:	2806
Ion Ratio	Lower	Upper	
228	100		
226	32.3	25.3	37.9
229	24.4	16.2	24.4#





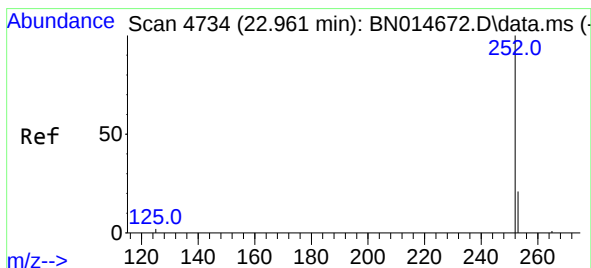
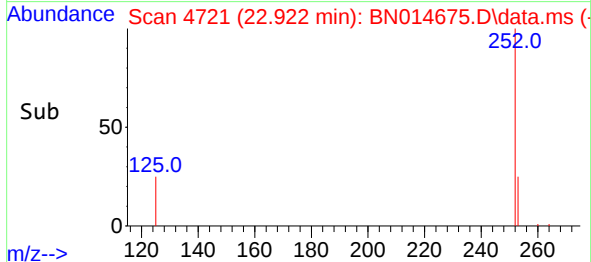
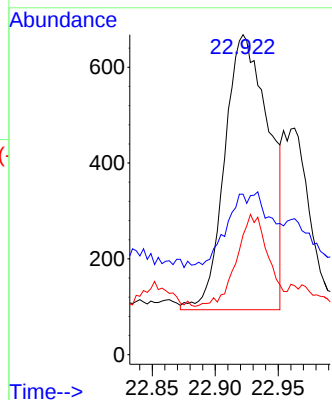
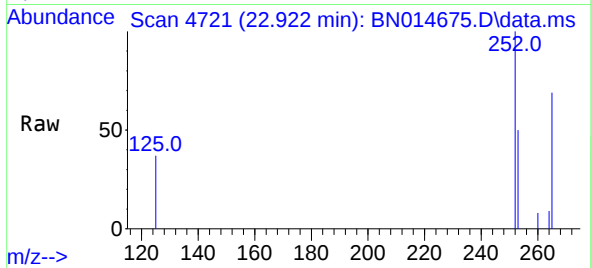
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Benzo(b)fluoranthene
Concen: 0.08 ng/ul m
RT: 22.922 min Scan# 4721
Delta R.T. 0.015 min
Lab File: BN014675.D
Acq: 19 May 2021 17:10

Tgt Ion:252 Resp: 1398
Ion Ratio Lower Upper
252 100
253 50.1 0.0 50.2
125 37.4 0.0 19.4#

Instrument :
BNA_N
ClientSampled :
BG1Z3

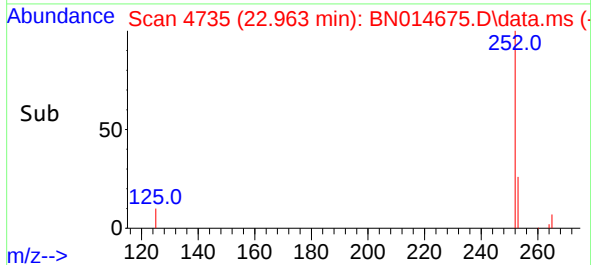
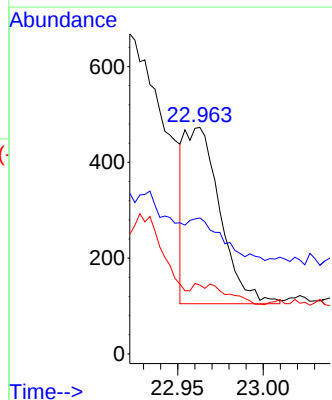
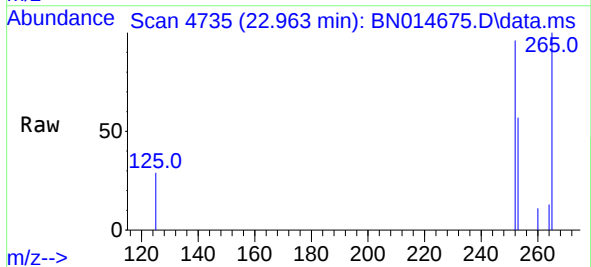
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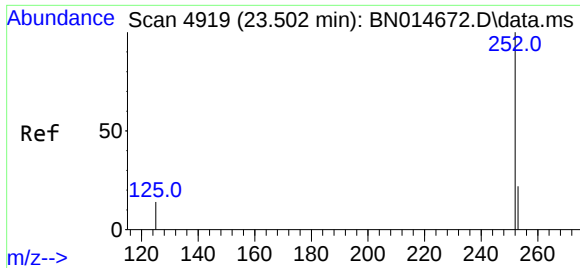
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#25
Benzo(k)fluoranthene
Concen: 0.03 ng/ul m
RT: 22.963 min Scan# 4735
Delta R.T. 0.012 min
Lab File: BN014675.D
Acq: 19 May 2021 17:10

Tgt Ion:252 Resp: 532
Ion Ratio Lower Upper
252 100
253 60.0 20.5 30.7#
125 30.4 6.9 10.3#





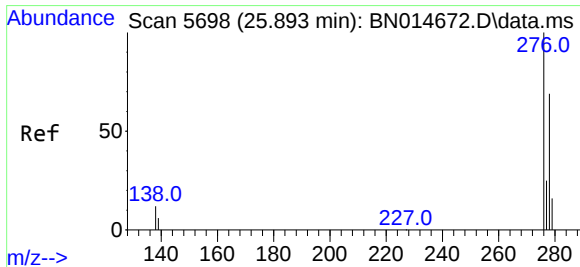
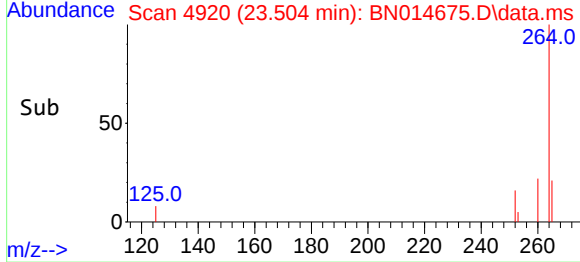
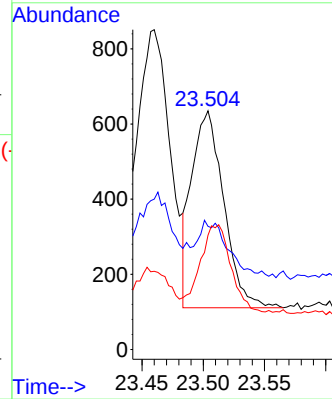
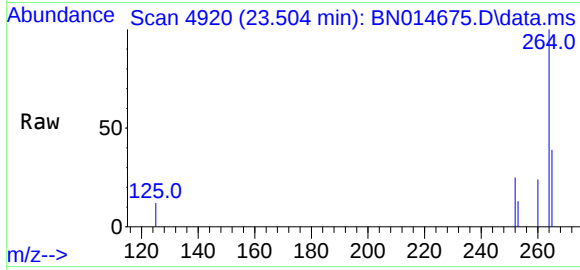
#26
Benzo(a)pyrene
Concen: 0.07 ng/ul
RT: 23.504 min Scan# 4920
Delta R.T. 0.014 min
Lab File: BN014675.D
Acq: 19 May 2021 17:10

Tgt Ion:	252	Resp:	957
Ion Ratio	Lower	Upper	
252	100		
253	51.7	23.0	34.6#
125	47.9	9.5	14.3#

Instrument :
BNA_N
ClientSampleId :
BG1Z3

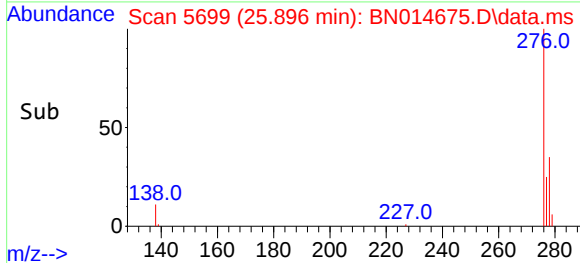
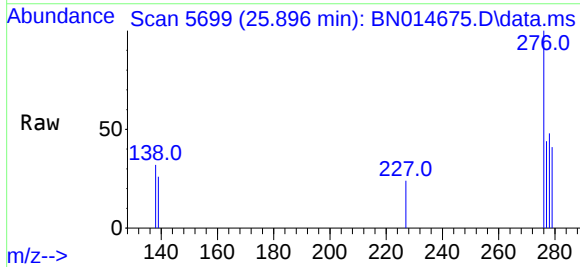
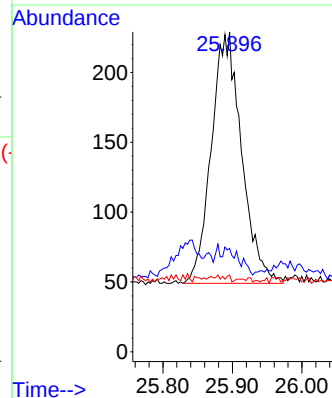
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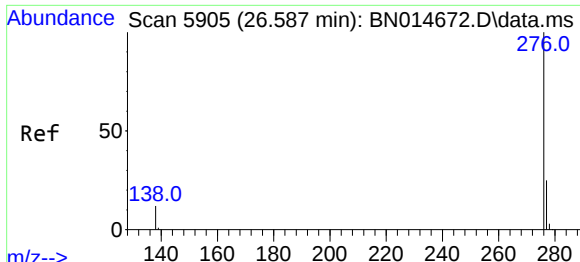
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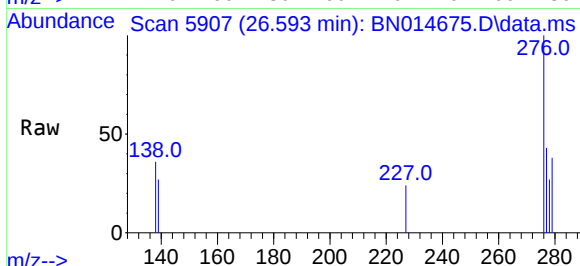
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.03 ng/ul
RT: 25.896 min Scan# 5699
Delta R.T. 0.013 min
Lab File: BN014675.D
Acq: 19 May 2021 17:10

Tgt Ion:	276	Resp:	544
Ion Ratio	Lower	Upper	
276	100		
138	5.9	10.9	16.3#
227	0.4	0.1	0.1#

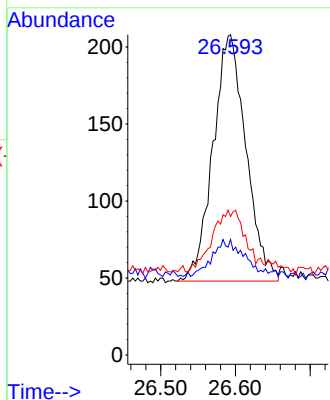
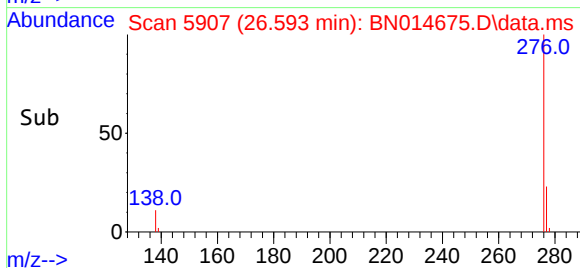




#29
 Benzo(g,h,i)perylene
 Concen: 0.03 ng/ul
 RT: 26.593 min Scan# 5907
 Delta R.T. 0.017 min
 Lab File: BN014675.D
 Acq: 19 May 2021 17:10



Tgt Ion:	276	Resp:	491
Ion Ratio	Lower	Upper	
276	100		
138	36.1	11.5	17.3#
277	43.3	21.4	32.2#



Instrument :
 BNA_N
 ClientSampleId :
 BG1Z3

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