

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082621\
 Data File : BN016093.D
 Acq On : 27 Aug 2021 06:04
 Operator : CG/JU
 Sample : M3458-08
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AS0

Manual Integrations
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Quant Time: Aug 27 06:48:08 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN082621.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 26 11:35:43 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.867	152	1620	0.400	ng/ul	0.00
4) Naphthalene-d8	10.667	136	7155	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.502	164	4450	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.246	188	9346	0.400	ng/ul	0.00
17) Chrysene-d12	21.430	240	8960	0.400	ng/ul	0.00
23) Perylene-d12	23.819	264	8238	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.319	96	5411	2.465	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.256	152	1960	0.182	ng/ul	0.00
18) Fluoranthene-d10	19.276	212	4974	0.206	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.716	128	2638	0.143	ng/ul#	94
7) 2-Methylnaphthalene	12.327	142	2093	0.168	ng/ul	98
8) 1-Methylnaphthalene	12.547	142	1868	0.153	ng/ul	99
10) Acenaphthylene	14.219	152	7010	0.446	ng/ul	100
11) Acenaphthene	14.562	153	447	0.033	ng/ul#	92
12) Fluorene	15.547	166	1269	0.079	ng/ul#	93
15) Phenanthrene	17.289	178	46057	1.786	ng/ul	98
16) Anthracene	17.377	178	3496	0.157	ng/ul	95
19) Fluoranthene	19.304	202	93897	3.354	ng/ul	99
20) Pyrene	19.666	202	69661	2.472	ng/ul	98
21) Benzo(a)anthracene	21.416	228	22271	0.798	ng/ul	93
22) Chrysene	21.465	228	36916	1.230	ng/ul	99
24) Benzo(b)fluoranthene	23.093	252	51194m	1.665	ng/ul	
25) Benzo(k)fluoranthene	23.134	252	17754m	0.573	ng/ul	
26) Benzo(a)pyrene	23.710	252	21974	0.850	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	26.280	276	23132	0.676	ng/ul#	95
28) Dibenzo(a,h)anthracene	26.297	278	5373	0.187	ng/ul#	89
29) Benzo(g,h,i)perylene	27.045	276	1900	0.064	ng/ul#	74

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

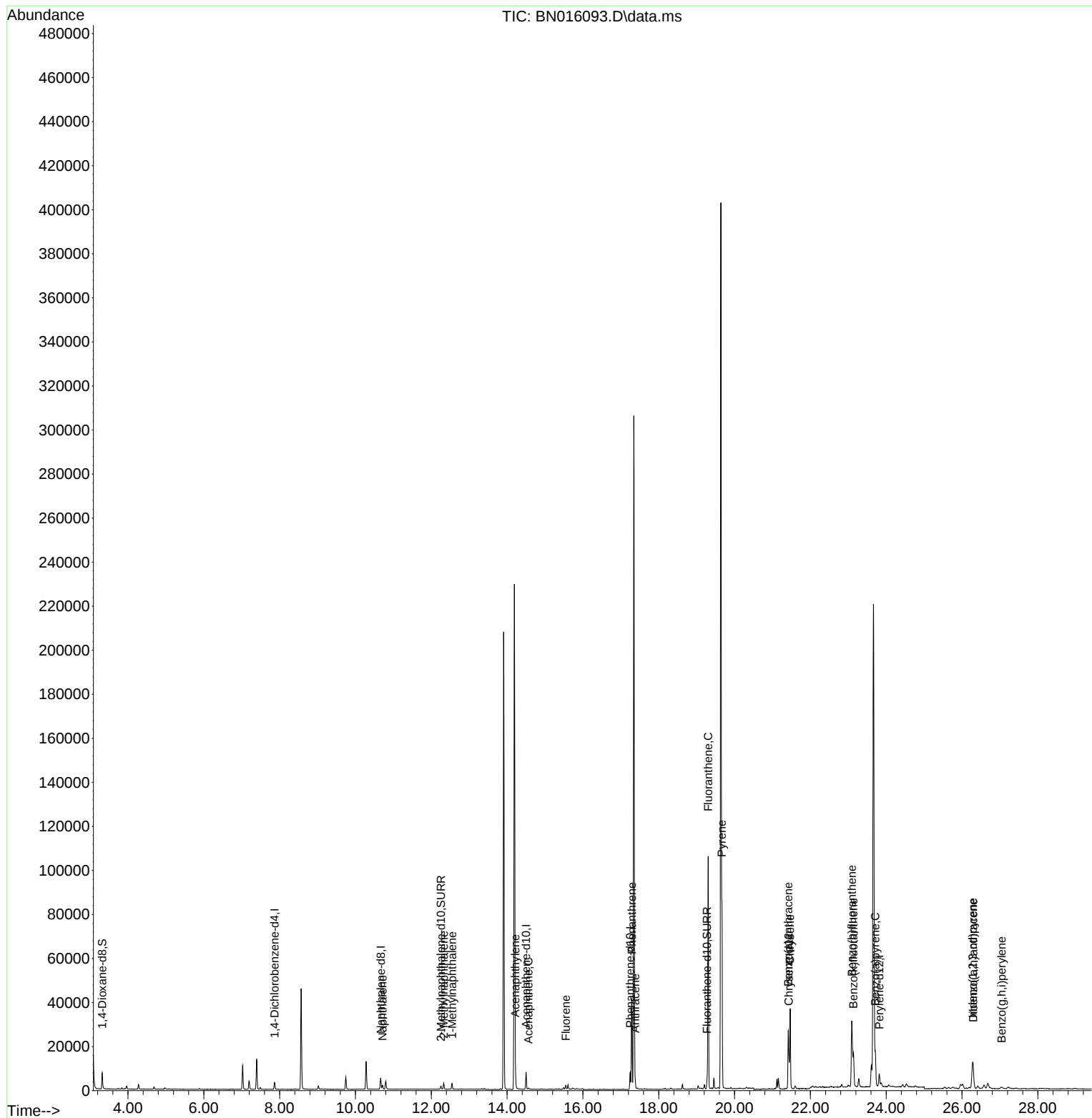
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Data File : BN016093.D
Acq On : 27 Aug 2021 06:04
Operator : CG/JU
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ALS Vial : 25 Sample Multiplier: 1

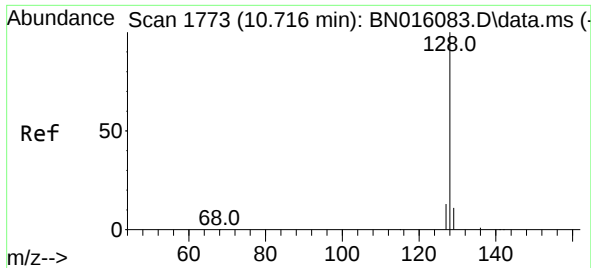
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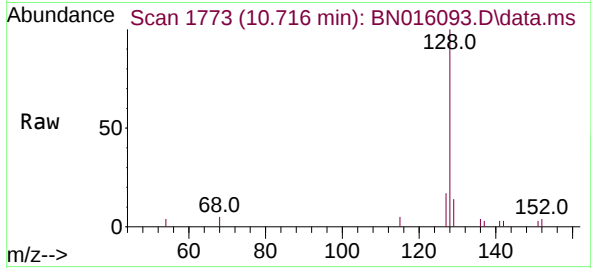
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Quant Time: Aug 27 06:48:08 2021
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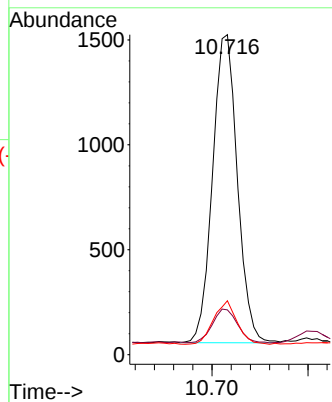
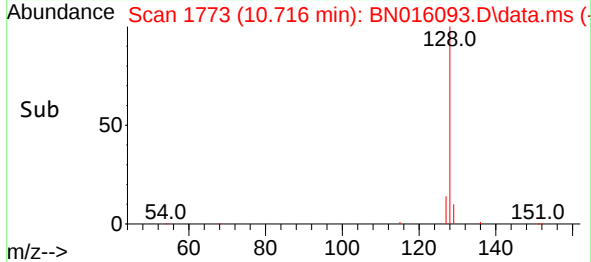




#5
Naphthalene
Concen: 0.143 ng/ul
RT: 10.716 min Scan# 1773
Delta R.T. 0.000 min
Lab File: BN016093.D
Acq: 27 Aug 2021 06:04



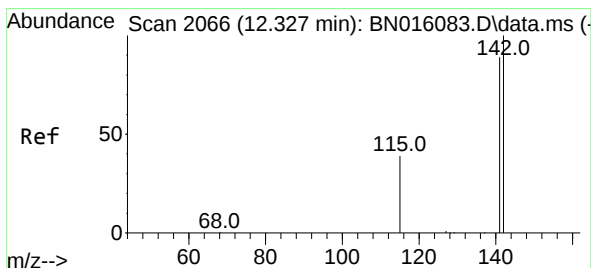
Tgt Ion:128 Resp: 2638
Ion Ratio Lower Upper
128 100
129 14.0 9.7 14.5
127 16.9 11.1 16.7#



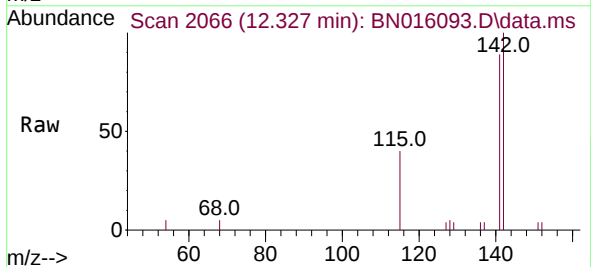
Instrument :
BNA_N
ClientSampled :
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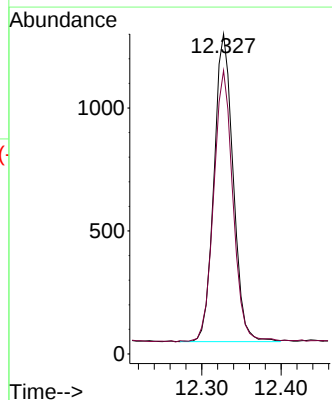
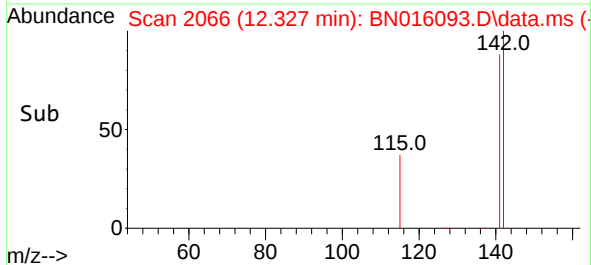
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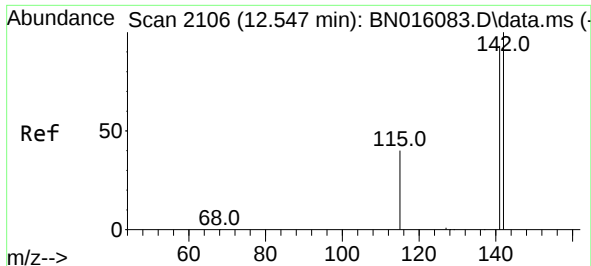


#7
2-Methylnaphthalene
Concen: 0.168 ng/ul
RT: 12.327 min Scan# 2066
Delta R.T. 0.000 min
Lab File: BN016093.D
Acq: 27 Aug 2021 06:04

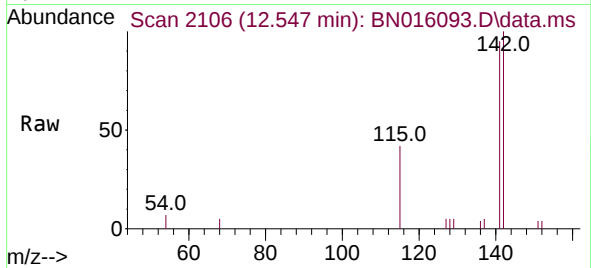


Tgt Ion:142 Resp: 2093
Ion Ratio Lower Upper
142 100
141 89.3 69.8 104.6

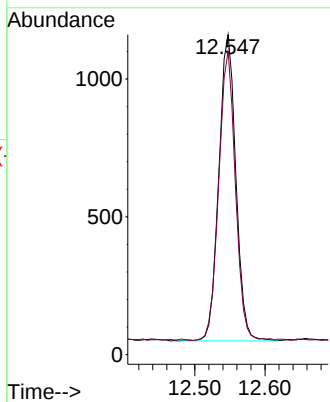
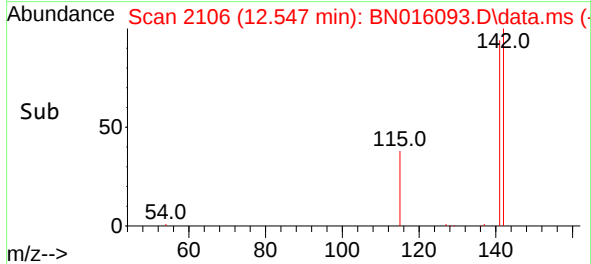




#8
1-Methylnaphthalene
Concen: 0.153 ng/ul
RT: 12.547 min Scan# 2106
Delta R.T. 0.000 min
Lab File: BN016093.D
Acq: 27 Aug 2021 06:04



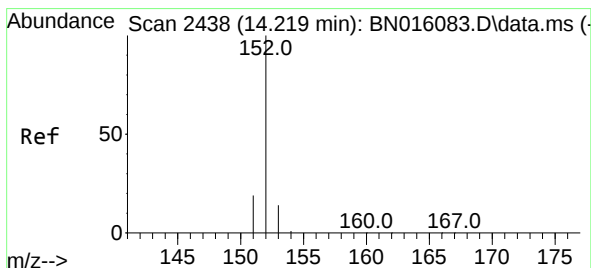
Tgt Ion:142 Resp: 1868
Ion Ratio Lower Upper
142 100
141 92.3 72.8 109.2



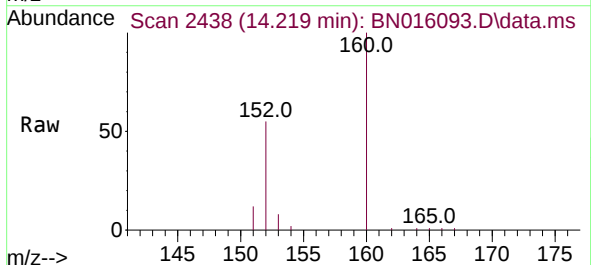
Instrument :
BNA_N
ClientSampled :
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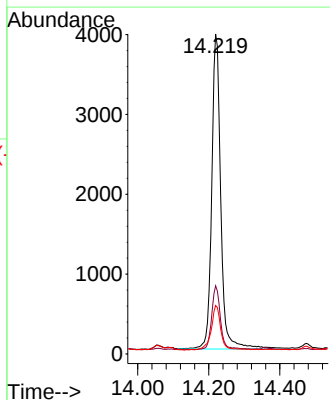
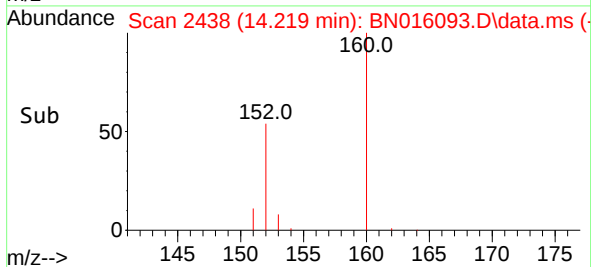
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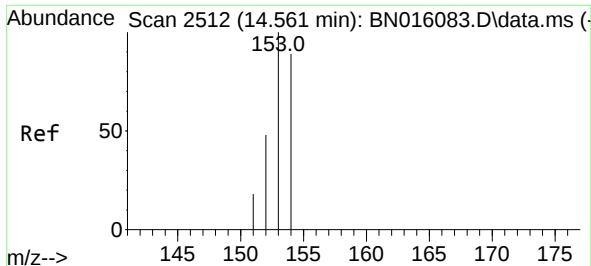


#10
Acenaphthylene
Concen: 0.446 ng/ul
RT: 14.219 min Scan# 2438
Delta R.T. 0.000 min
Lab File: BN016093.D
Acq: 27 Aug 2021 06:04

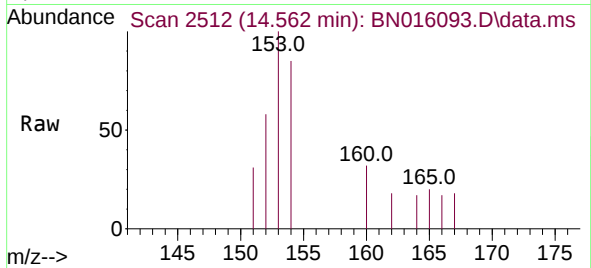


Tgt Ion:152 Resp: 7010
Ion Ratio Lower Upper
152 100
151 21.3 17.0 25.6
153 15.2 11.8 17.6

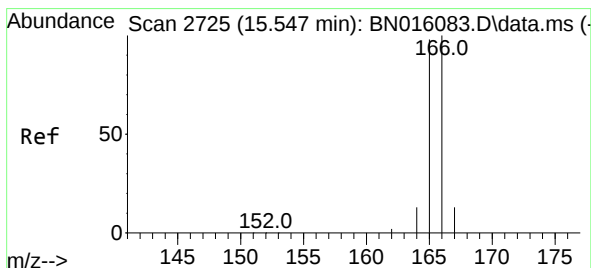
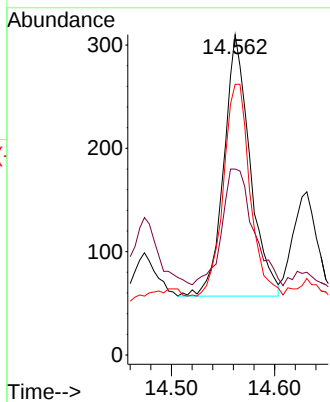
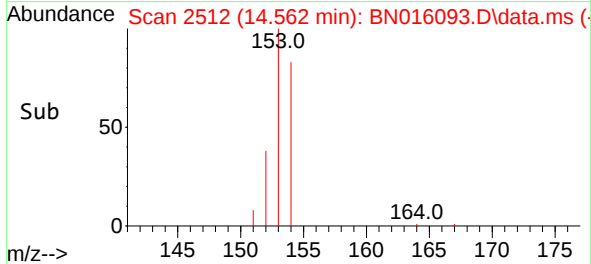




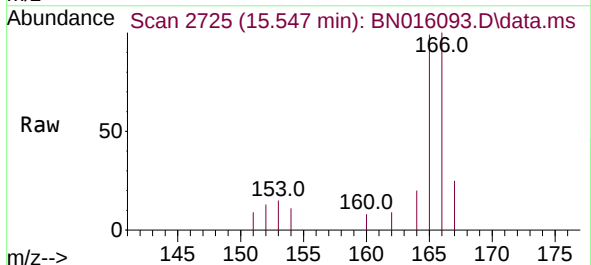
#11
Acenaphthene
Concen: 0.033 ng/ul
RT: 14.562 min Scan# 2512
Delta R.T. 0.000 min
Lab File: BN016093.D
Acq: 27 Aug 2021 06:04



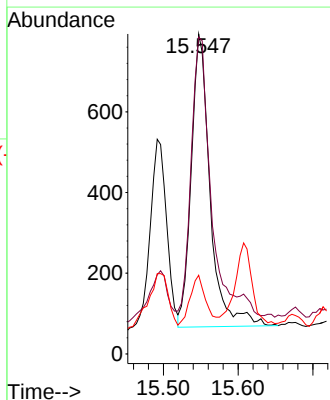
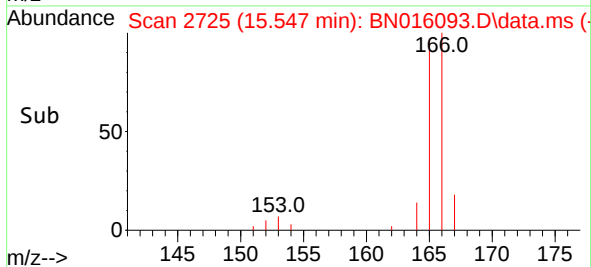
Tgt Ion:153 Resp: 447
Ion Ratio Lower Upper
153 100
152 58.1 38.3 57.5#
154 84.5 70.2 105.2



#12
Fluorene
Concen: 0.079 ng/ul
RT: 15.547 min Scan# 2725
Delta R.T. 0.000 min
Lab File: BN016093.D
Acq: 27 Aug 2021 06:04



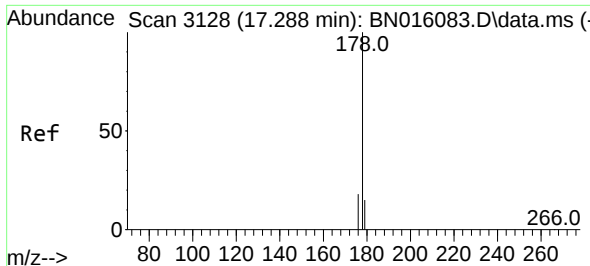
Tgt Ion:166 Resp: 1269
Ion Ratio Lower Upper
166 100
165 99.0 76.2 114.2
167 24.6 11.5 17.3#



Instrument :
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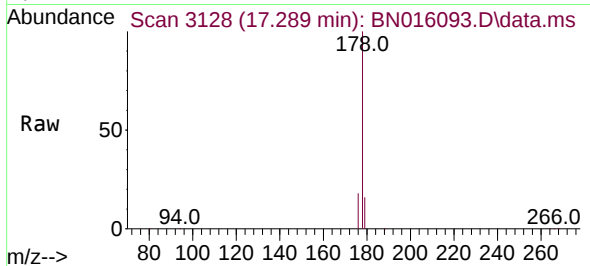
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#15
Phenanthrene
Concen: 1.786 ng/ul
RT: 17.289 min Scan# 3128
Delta R.T. 0.004 min
Lab File: BN016093.D
Acq: 27 Aug 2021 06:04

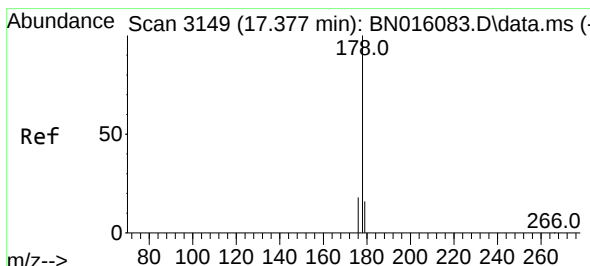
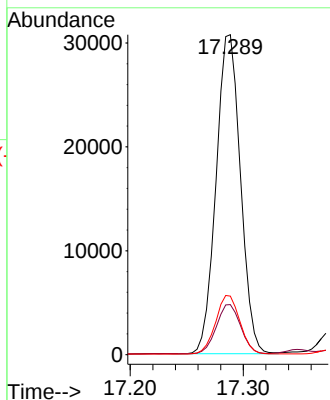
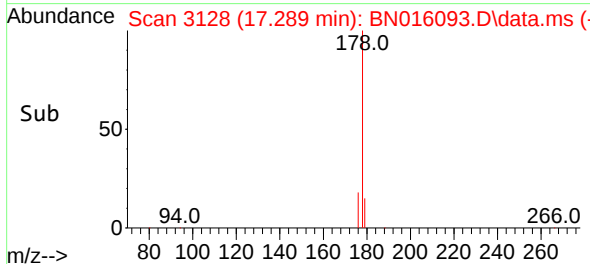
Instrument :
BNA_N
ClientSampled :
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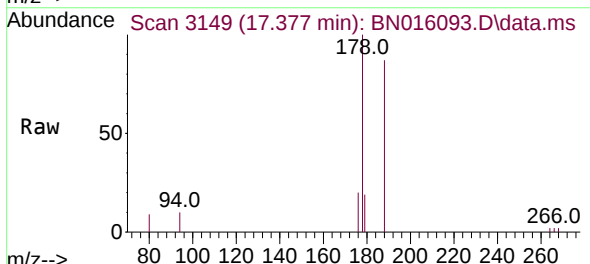
Tgt Ion:178 Resp: 46057
Ion Ratio Lower Upper
178 100
179 15.7 13.4 20.2
176 18.3 15.0 22.4

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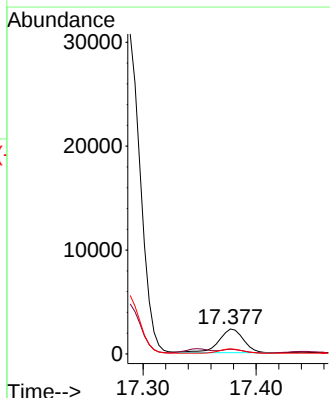
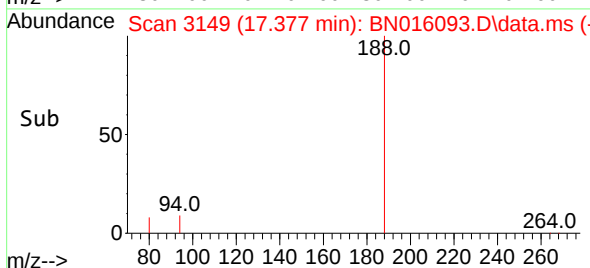
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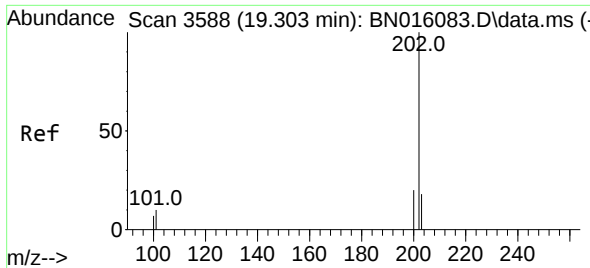


#16
Anthracene
Concen: 0.157 ng/ul
RT: 17.377 min Scan# 3149
Delta R.T. 0.000 min
Lab File: BN016093.D
Acq: 27 Aug 2021 06:04



Tgt Ion:178 Resp: 3496
Ion Ratio Lower Upper
178 100
179 19.0 13.4 20.0
176 20.4 14.9 22.3





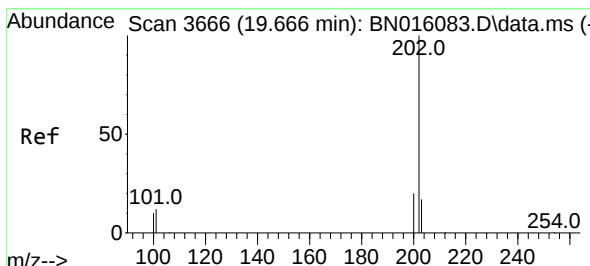
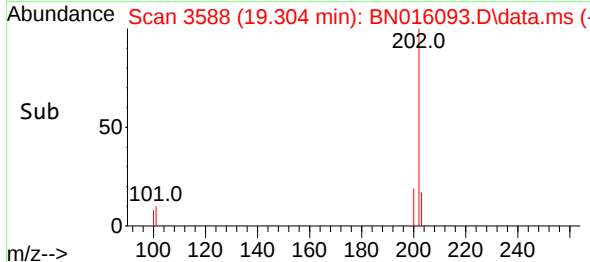
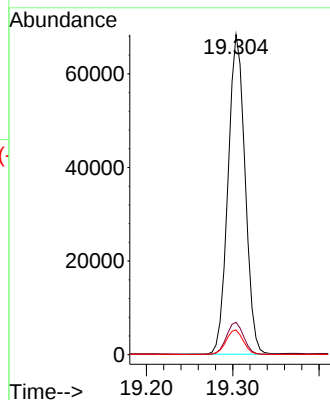
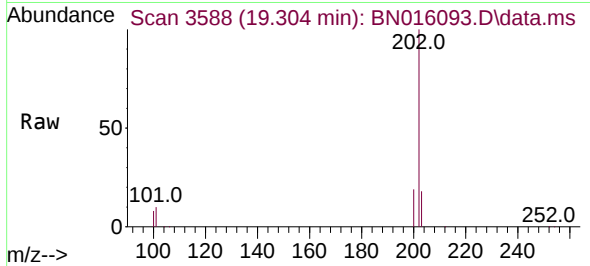
#19
Fluoranthene
Concen: 3.354 ng/ul
RT: 19.304 min Scan# 3588
Delta R.T. 0.000 min
Lab File: BN016093.D
Acq: 27 Aug 2021 06:04

Tgt Ion:	202	Resp:	93897
Ion Ratio	Lower	Upper	
202	100		
101	10.1	8.3	12.5
100	7.7	6.6	9.8

Instrument :
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ClientSampled :
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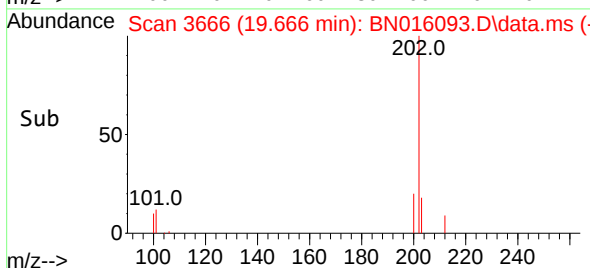
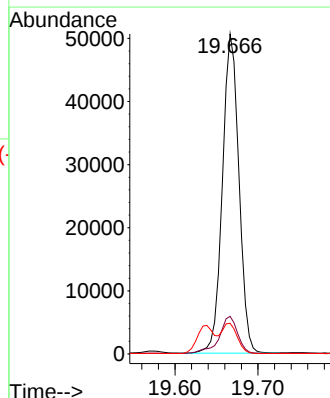
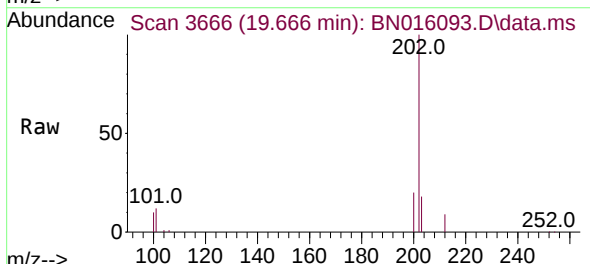
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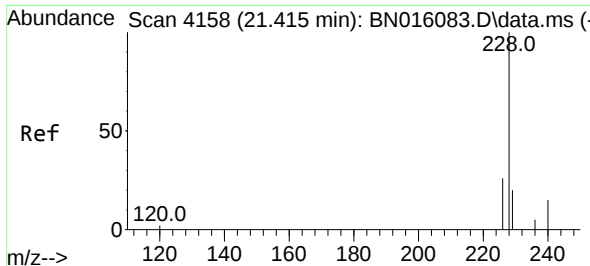
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#20
Pyrene
Concen: 2.472 ng/ul
RT: 19.666 min Scan# 3666
Delta R.T. 0.000 min
Lab File: BN016093.D
Acq: 27 Aug 2021 06:04

Tgt Ion:	202	Resp:	69661
Ion Ratio	Lower	Upper	
202	100		
101	11.7	10.0	15.0
100	9.6	8.4	12.6





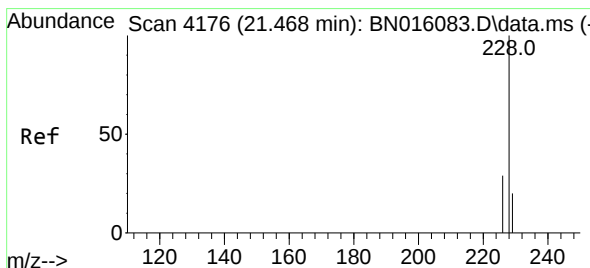
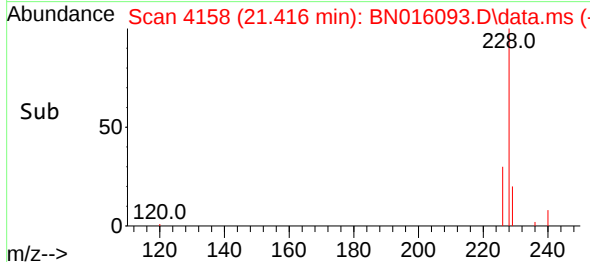
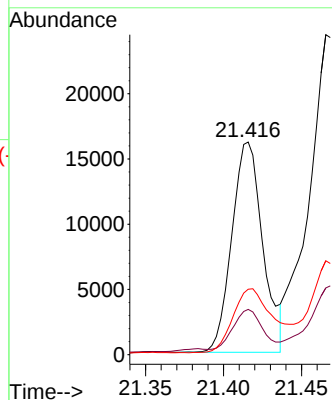
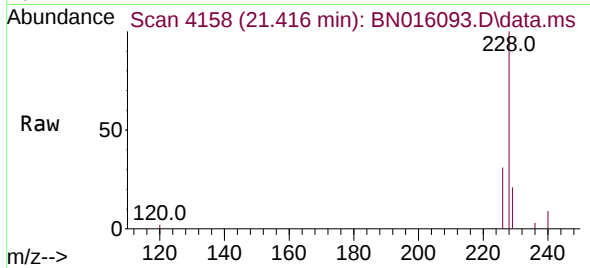
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Benzo(a)anthracene
Concen: 0.798 ng/ul
RT: 21.416 min Scan# 4158
Delta R.T. 0.000 min
Lab File: BN016093.D
Acq: 27 Aug 2021 06:04

Tgt Ion:	228	Resp:	22271
Ion Ratio	Lower	Upper	
228	100		
229	21.3	16.0	24.0
226	30.8	20.6	31.0

Instrument :
BNA_N
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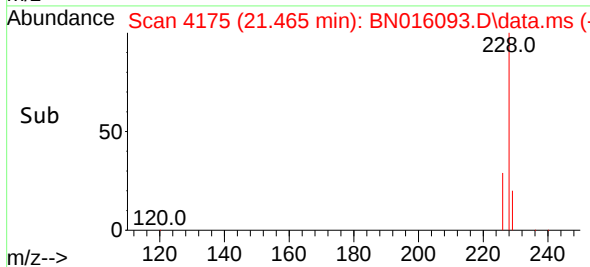
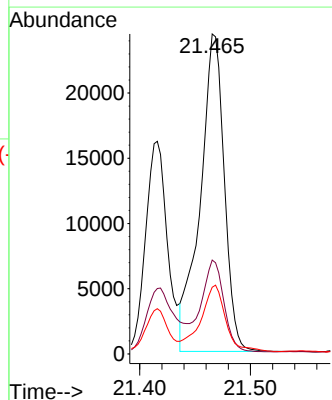
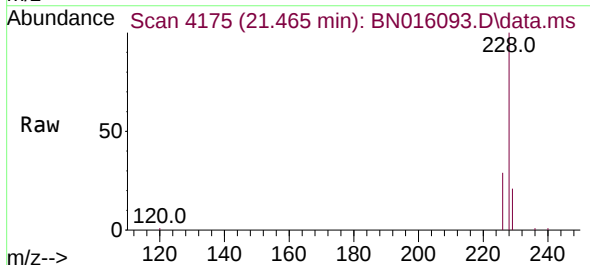
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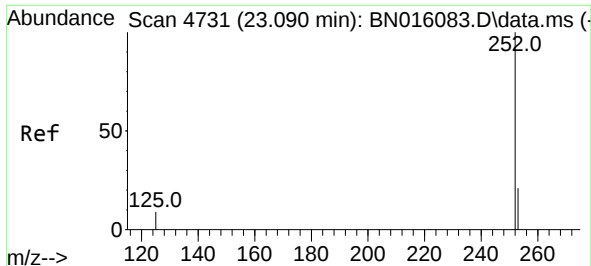
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#22
Chrysene
Concen: 1.230 ng/ul
RT: 21.465 min Scan# 4175
Delta R.T. -0.003 min
Lab File: BN016093.D
Acq: 27 Aug 2021 06:04

Tgt Ion:	228	Resp:	36916
Ion Ratio	Lower	Upper	
228	100		
226	29.4	23.4	35.0
229	20.9	16.4	24.6





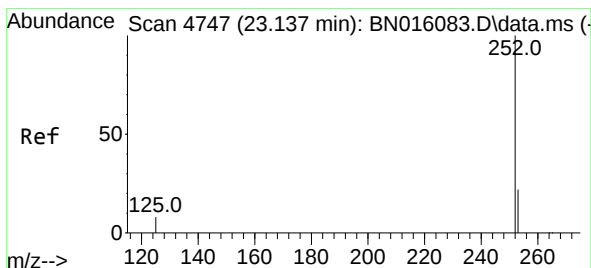
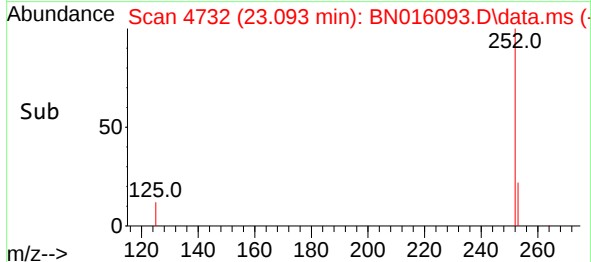
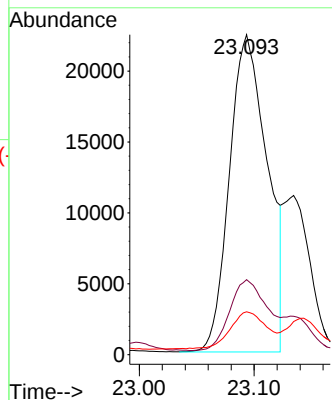
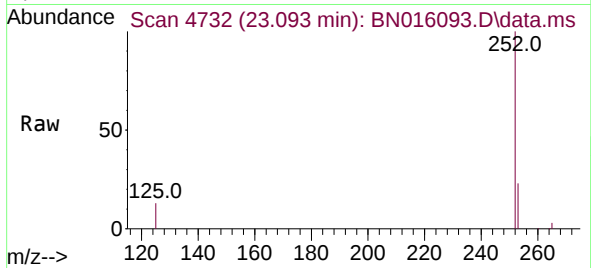
#24
Benzo(b)fluoranthene
Concen: 1.665 ng/ul m
RT: 23.093 min Scan# 4732
Delta R.T. 0.003 min
Lab File: BN016093.D
Acq: 27 Aug 2021 06:04

Tgt Ion:252 Resp: 51194
Ion Ratio Lower Upper
252 100
253 23.5 0.0 50.6
125 13.4 0.0 21.6

Instrument :
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ClientSampled :
C0AS0

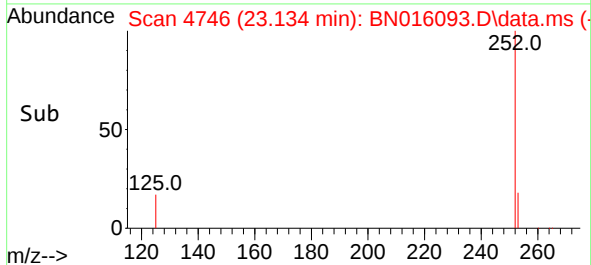
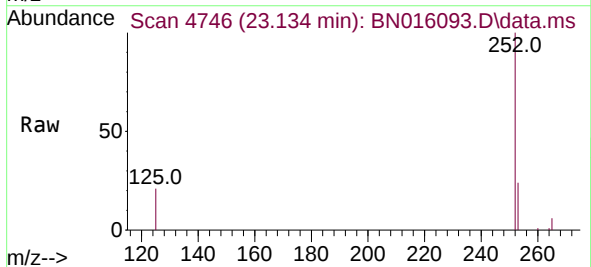
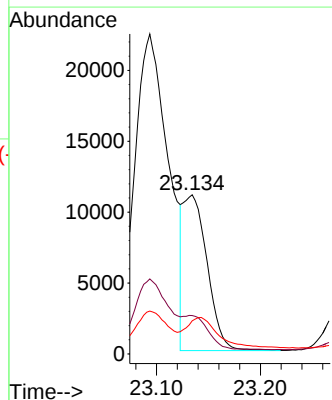
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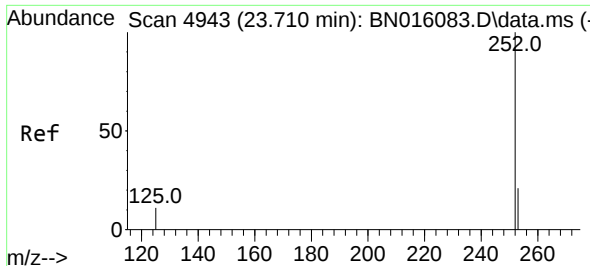
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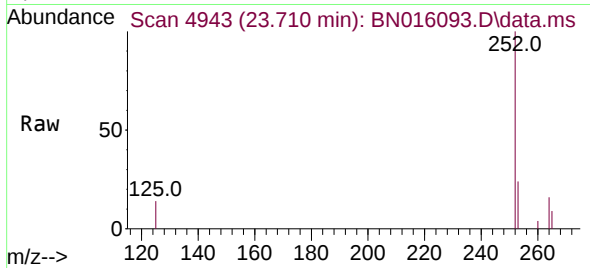
#25
Benzo(k)fluoranthene
Concen: 0.573 ng/ul m
RT: 23.134 min Scan# 4746
Delta R.T. -0.003 min
Lab File: BN016093.D
Acq: 27 Aug 2021 06:04

Tgt Ion:252 Resp: 17754
Ion Ratio Lower Upper
252 100
253 24.2 20.7 31.1
125 20.8 8.2 12.4#

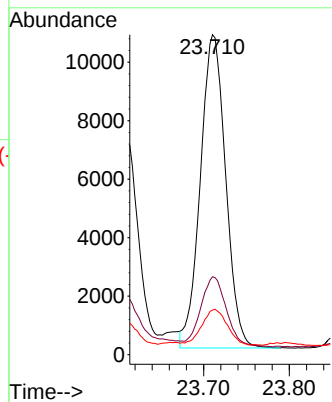
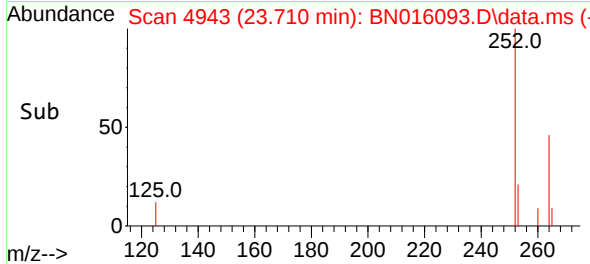




#26
Benzo(a)pyrene
Concen: 0.850 ng/ul
RT: 23.710 min Scan# 4943
Delta R.T. 0.000 min
Lab File: BN016093.D
Acq: 27 Aug 2021 06:04



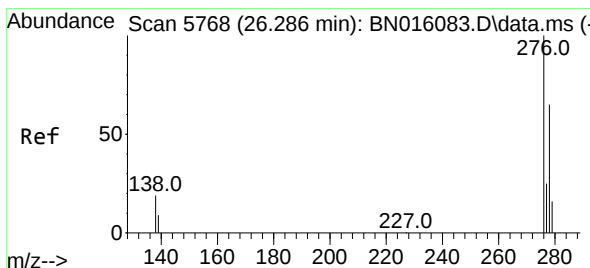
Tgt Ion:252 Resp: 21974
Ion Ratio Lower Upper
252 100
253 24.4 22.1 33.1
125 14.0 10.2 15.4



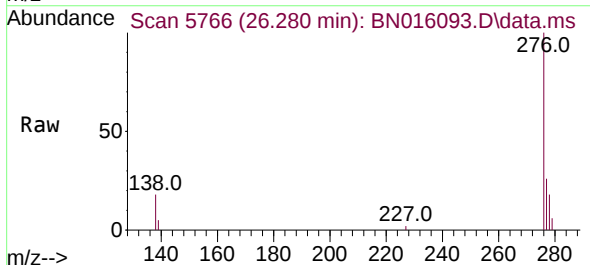
Instrument :
BNA_N
ClientSampled :
C0AS0

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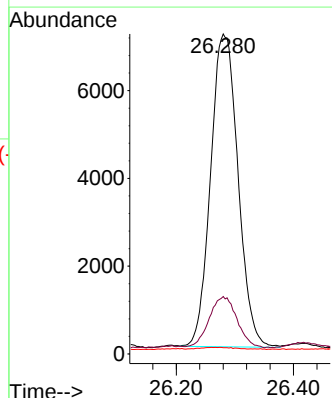
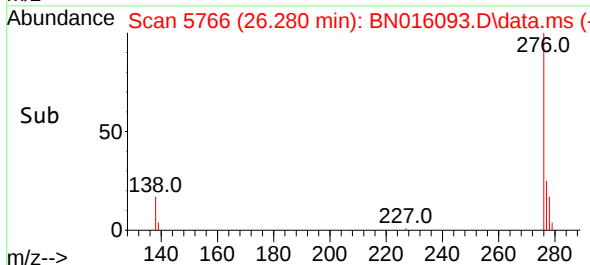
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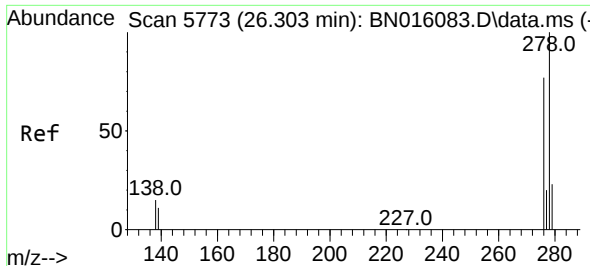


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.676 ng/ul
RT: 26.280 min Scan# 5766
Delta R.T. -0.010 min
Lab File: BN016093.D
Acq: 27 Aug 2021 06:04

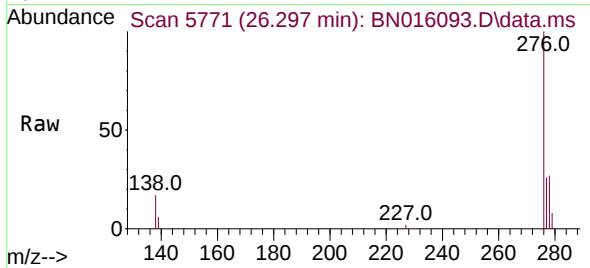


Tgt Ion:276 Resp: 23132
Ion Ratio Lower Upper
276 100
138 16.7 15.1 22.7
227 0.0 0.1 0.1#

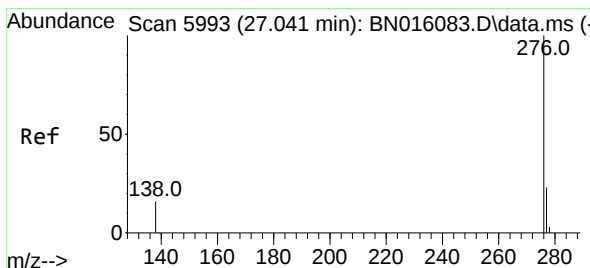
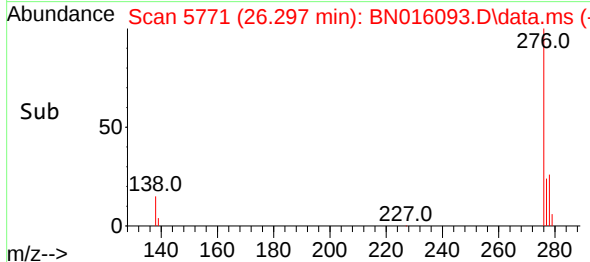
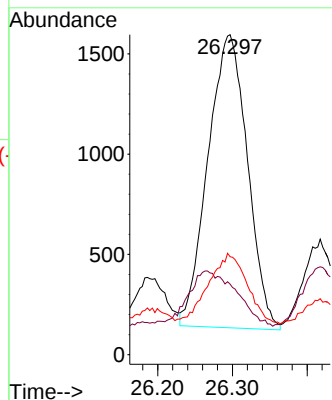




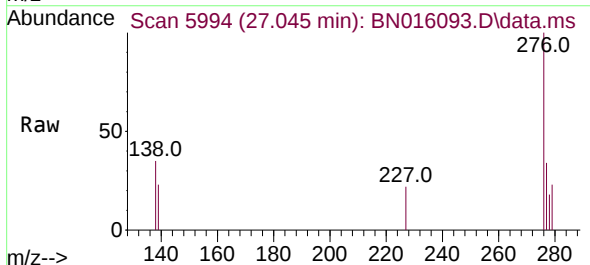
#28
Dibenzo(a,h)anthracene
Concen: 0.187 ng/ul
RT: 26.297 min Scan# 5771
Delta R.T. -0.003 min
Lab File: BN016093.D
Acq: 27 Aug 2021 06:04



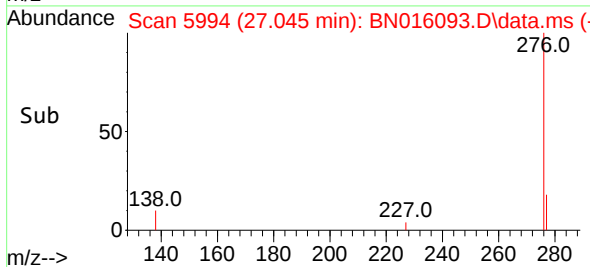
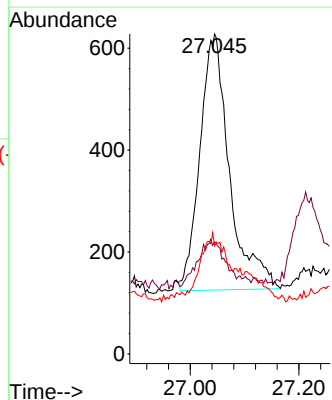
Tgt Ion:278 Resp: 5373
Ion Ratio Lower Upper
278 100
139 22.1 12.0 18.0#
279 30.6 21.0 31.6



#29
Benzo(g,h,i)perylene
Concen: 0.064 ng/ul
RT: 27.045 min Scan# 5994
Delta R.T. 0.007 min
Lab File: BN016093.D
Acq: 27 Aug 2021 06:04



Tgt Ion:276 Resp: 1900
Ion Ratio Lower Upper
276 100
138 35.0 13.8 20.8#
277 33.8 20.5 30.7#



Instrument :
BNA_N
ClientSampleId :
C0AS0

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