

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102721\
 Data File : BN017153.D
 Acq On : 28 Oct 2021 13:32
 Operator : CG/JU
 Sample : M4205-16
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0B04

Manual Integrations
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Quant Time: Oct 28 14:02:26 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN102721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 28 12:50:34 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.531	152	4322	0.400	ng/ul	0.00
4) Naphthalene-d8	10.305	136	16979	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.183	164	10690	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.935	188	24155	0.400	ng/ul	0.00
17) Chrysene-d12	21.146	240	25672	0.400	ng/ul	0.00
23) Perylene-d12	23.350	264	24533	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.055	96	984	0.205	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.905	152	4204	0.170	ng/ul	0.00
18) Fluoranthene-d10	18.975	212	11954	0.178	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.349	128	3650	0.078	ng/ul#	94
7) 2-Methylnaphthalene	11.982	142	2424	0.075	ng/ul	100
8) 1-Methylnaphthalene	12.202	142	2574	0.077	ng/ul	99
10) Acenaphthylene	13.897	152	34266	0.810	ng/ul	100
11) Acenaphthene	14.244	153	1308	0.035	ng/ul	93
12) Fluorene	15.238	166	3316	0.077	ng/ul#	97
15) Phenanthrene	16.977	178	86803	1.133	ng/ul	99
16) Anthracene	17.070	178	19818	0.312	ng/ul	100
19) Fluoranthene	19.007	202	280614	3.055	ng/ul	98
20) Pyrene	19.370	202	270994	2.876	ng/ul	98
21) Benzo(a)anthracene	21.132	228	181012	2.153	ng/ul	98
22) Chrysene	21.184	228	184457	1.935	ng/ul	98
24) Benzo(b)fluoranthene	22.695	252	265342m	2.901	ng/ul	
25) Benzo(k)fluoranthene	22.733	252	112314m	1.083	ng/ul	
26) Benzo(a)pyrene	23.254	252	181939	2.218	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	25.562	276	121225	1.042	ng/ul#	94
28) Dibenzo(a,h)anthracene	25.575	278	33501	0.364	ng/ul	93
29) Benzo(g,h,i)perylene	26.239	276	98808	1.003	ng/ul	99

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

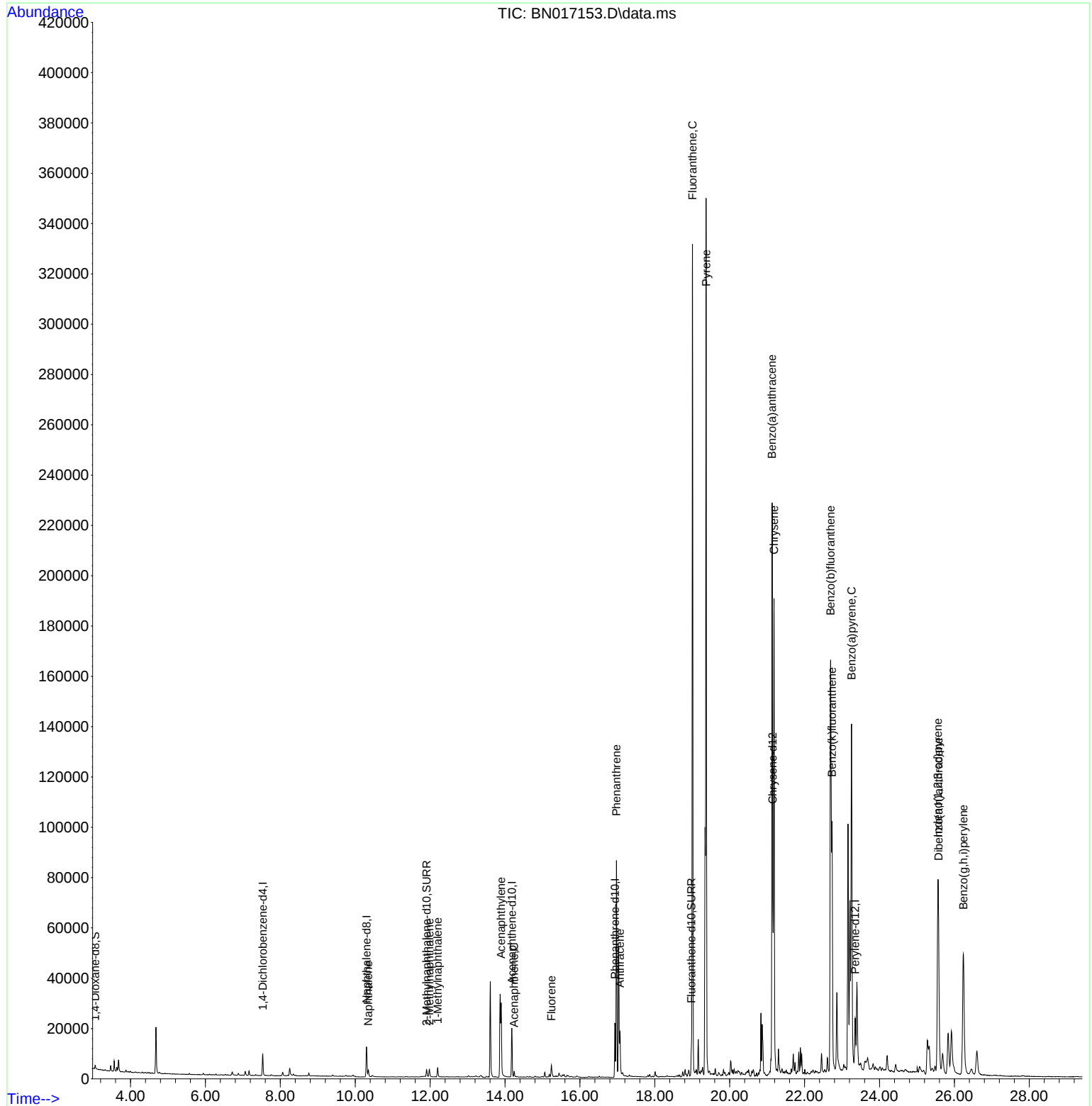
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Data File : BN017153.D
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ALS Vial : 26 Sample Multiplier: 1

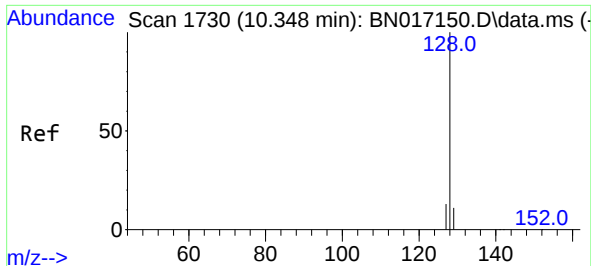
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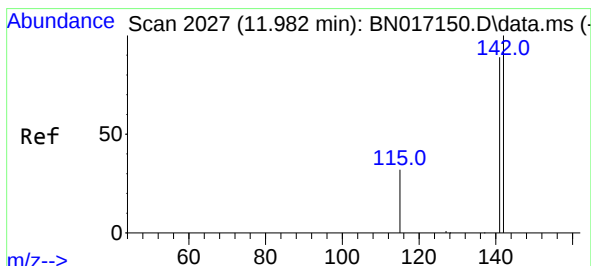
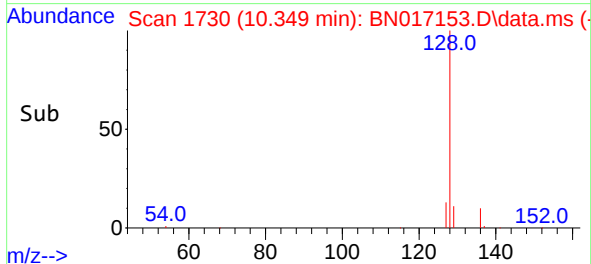
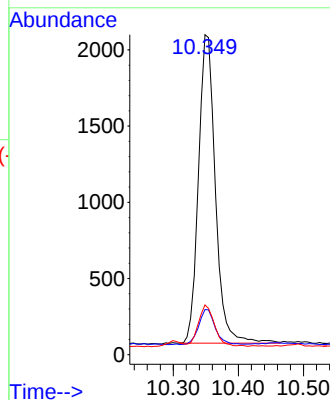
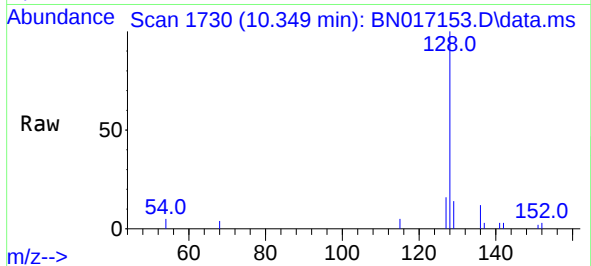
#5
Naphthalene
Concen: 0.078 ng/ul
RT: 10.349 min Scan# 1730
Delta R.T. 0.000 min
Lab File: BN017153.D
Acq: 28 Oct 2021 13:32

Tgt Ion:128 Resp: 3650
Ion Ratio Lower Upper
128 100
129 14.1 9.2 13.8#
127 15.6 10.8 16.2

Instrument :
BNA_N
ClientSampled :
C0B04

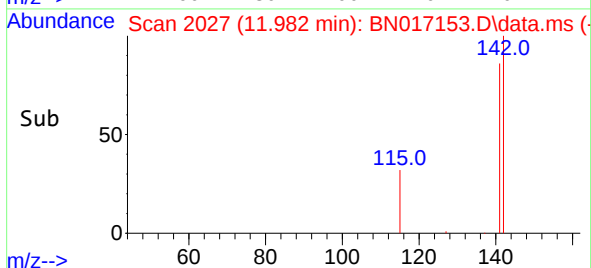
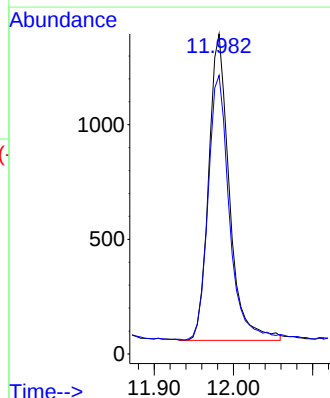
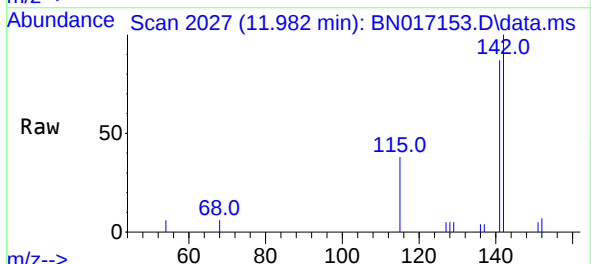
Manual Integrations
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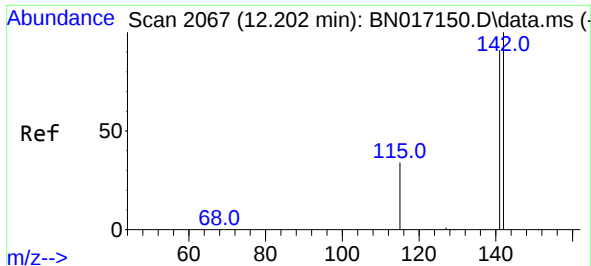
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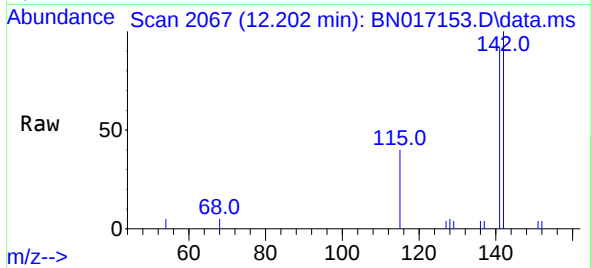
#7
2-Methylnaphthalene
Concen: 0.075 ng/ul
RT: 11.982 min Scan# 2027
Delta R.T. 0.000 min
Lab File: BN017153.D
Acq: 28 Oct 2021 13:32

Tgt Ion:142 Resp: 2424
Ion Ratio Lower Upper
142 100
141 88.8 71.0 106.4

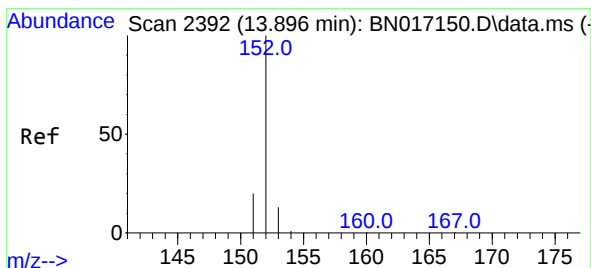
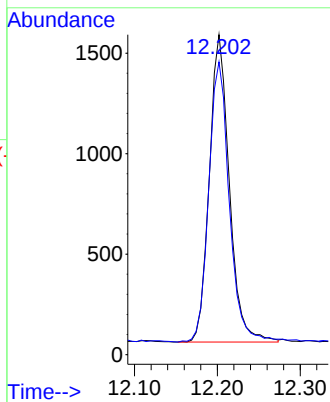
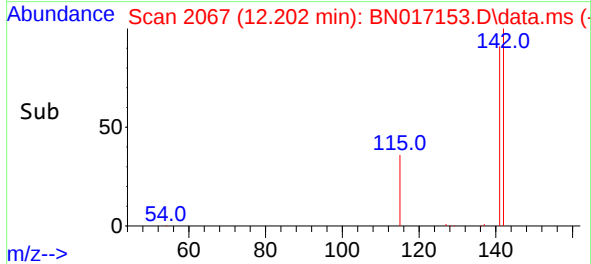




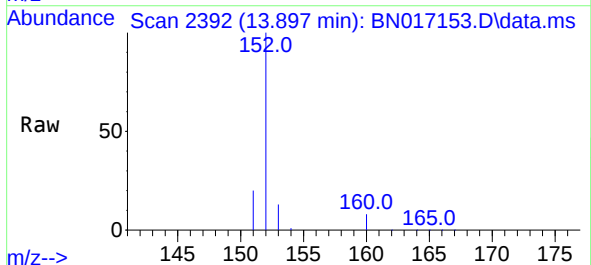
#8
1-Methylnaphthalene
Concen: 0.077 ng/ul
RT: 12.202 min Scan# 2067
Delta R.T. 0.000 min
Lab File: BN017153.D
Acq: 28 Oct 2021 13:32



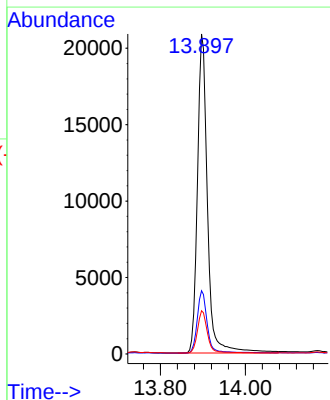
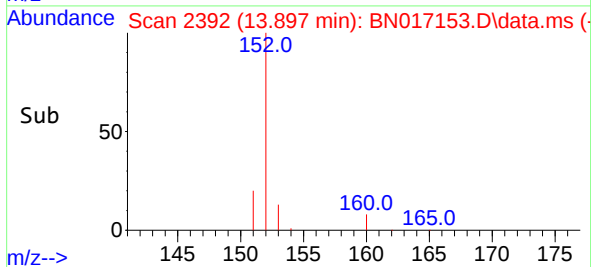
Tgt Ion:142 Resp: 2574
Ion Ratio Lower Upper
142 100
141 93.4 73.8 110.8



#10
Acenaphthylene
Concen: 0.810 ng/ul
RT: 13.897 min Scan# 2392
Delta R.T. 0.000 min
Lab File: BN017153.D
Acq: 28 Oct 2021 13:32



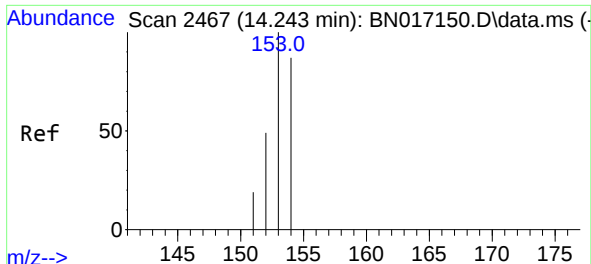
Tgt Ion:152 Resp: 34266
Ion Ratio Lower Upper
152 100
151 19.8 16.0 24.0
153 13.5 10.8 16.2



Instrument :
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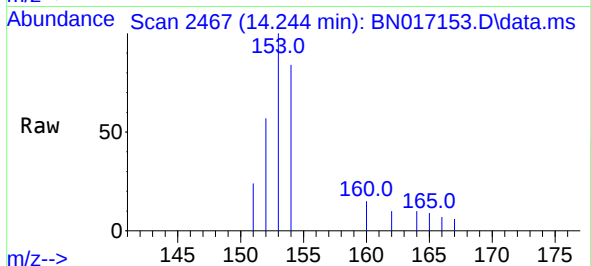
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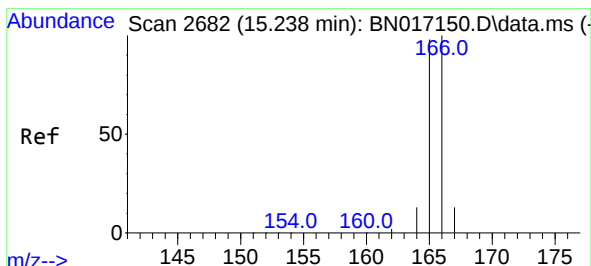
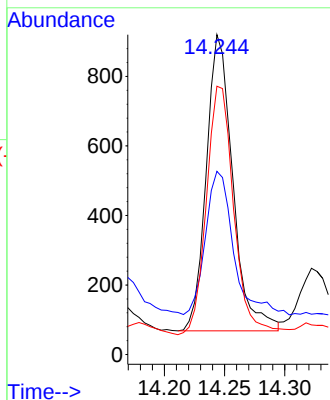
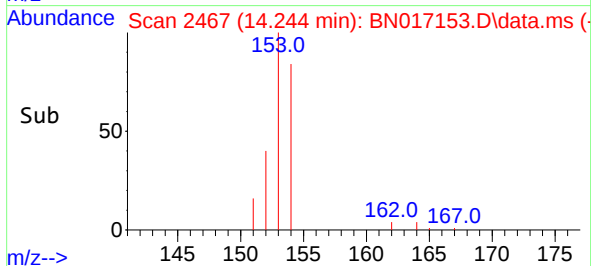


#11
Acenaphthene
Concen: 0.035 ng/u1
RT: 14.244 min Scan# 2467
Delta R.T. 0.000 min
Lab File: BN017153.D
Acq: 28 Oct 2021 13:32

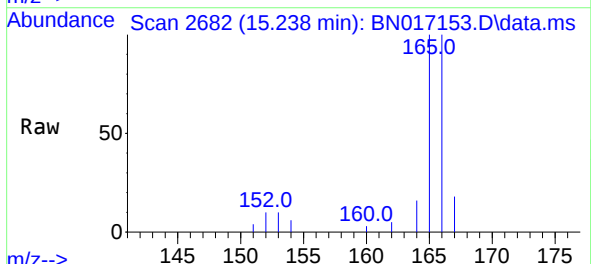
Instrument :
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ClientSampled :
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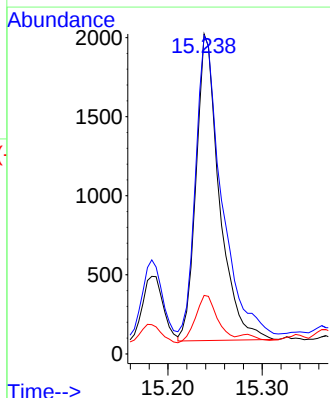
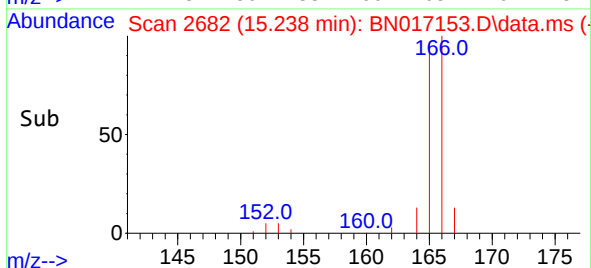
Tgt Ion:153 Resp: 1308
Ion Ratio Lower Upper
153 100
152 57.3 39.5 59.3
154 83.9 70.0 105.0

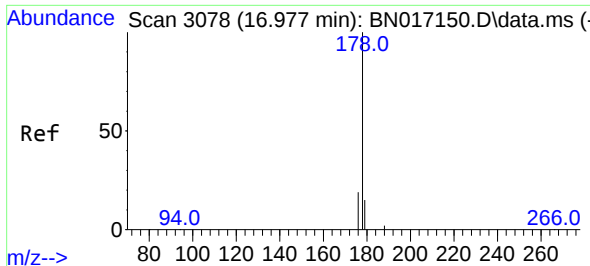


#12
Fluorene
Concen: 0.077 ng/u1
RT: 15.238 min Scan# 2682
Delta R.T. 0.000 min
Lab File: BN017153.D
Acq: 28 Oct 2021 13:32



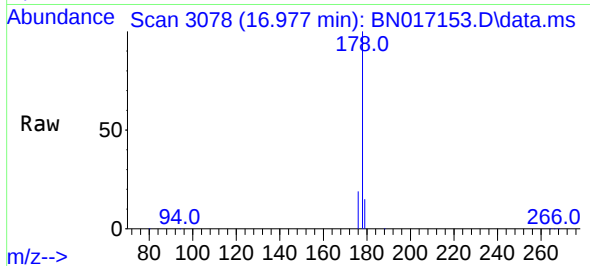
Tgt Ion:166 Resp: 3316
Ion Ratio Lower Upper
166 100
165 99.5 77.7 116.5
167 18.3 11.1 16.7#





#15
Phenanthrene
Concen: 1.133 ng/u1
RT: 16.977 min Scan# 3078
Delta R.T. 0.000 min
Lab File: BN017153.D
Acq: 28 Oct 2021 13:32

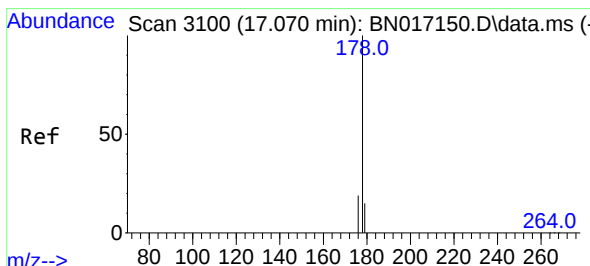
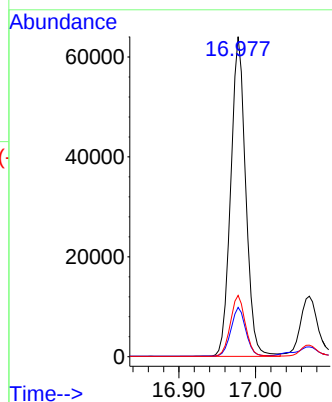
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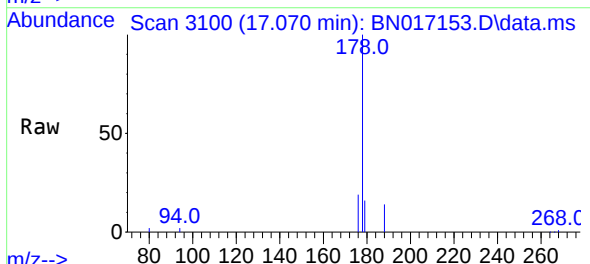
Tgt Ion:178 Resp: 86803
Ion Ratio Lower Upper
178 100
179 15.4 12.6 19.0
176 19.2 15.5 23.3

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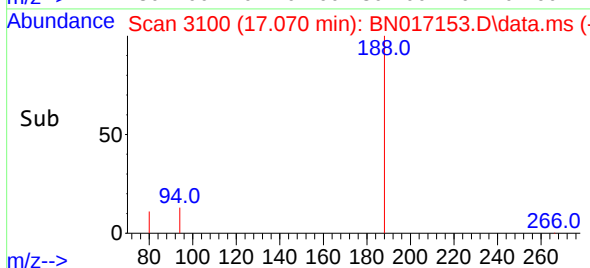
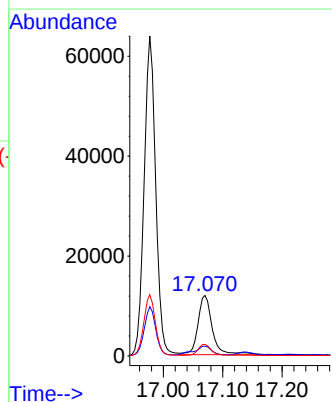
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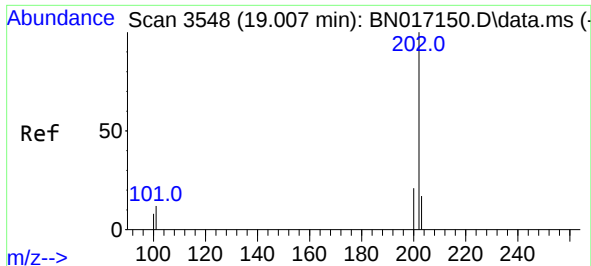


#16
Anthracene
Concen: 0.312 ng/u1
RT: 17.070 min Scan# 3100
Delta R.T. 0.000 min
Lab File: BN017153.D
Acq: 28 Oct 2021 13:32

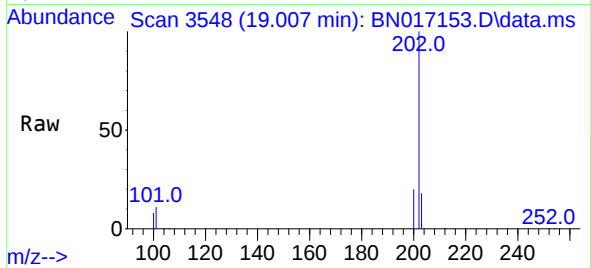


Tgt Ion:178 Resp: 19818
Ion Ratio Lower Upper
178 100
179 16.2 12.6 19.0
176 19.0 15.2 22.8

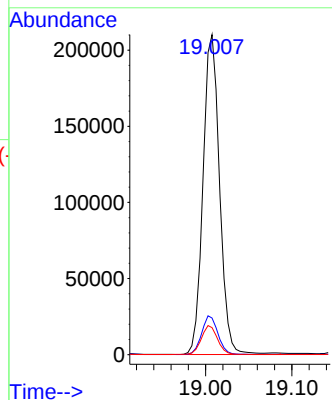




#19
Fluoranthene
Concen: 3.055 ng/u1
RT: 19.007 min Scan# 3548
Delta R.T. 0.000 min
Lab File: BN017153.D
Acq: 28 Oct 2021 13:32



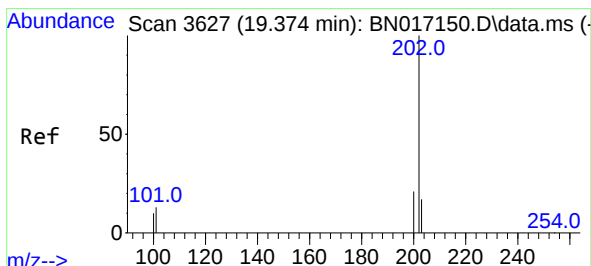
Tgt Ion:202 Resp: 280614
Ion Ratio Lower Upper
202 100
101 11.5 9.7 14.5
100 8.4 7.2 10.8



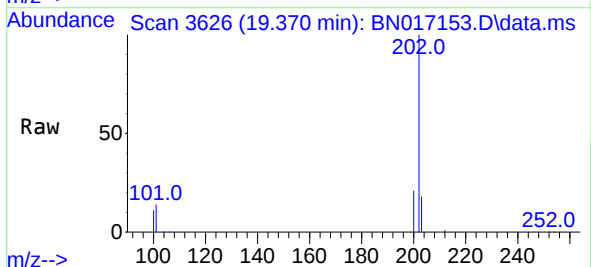
Instrument :
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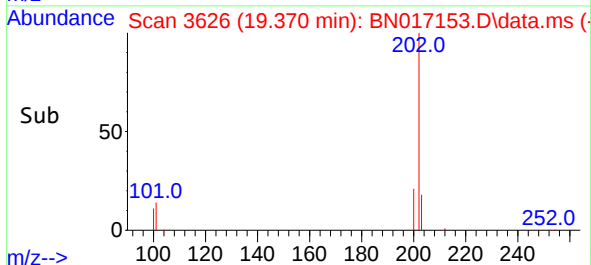
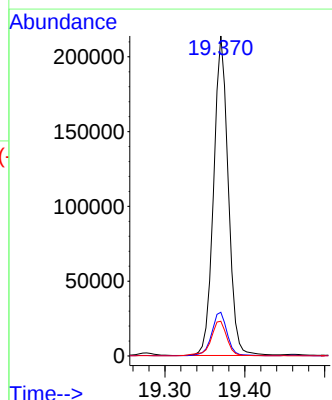
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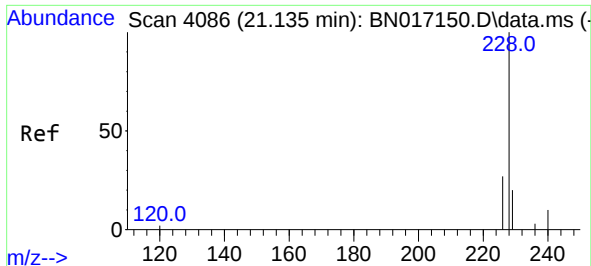


#20
Pyrene
Concen: 2.876 ng/u1
RT: 19.370 min Scan# 3626
Delta R.T. -0.005 min
Lab File: BN017153.D
Acq: 28 Oct 2021 13:32



Tgt Ion:202 Resp: 270994
Ion Ratio Lower Upper
202 100
101 13.7 10.3 15.5
100 10.9 8.2 12.2





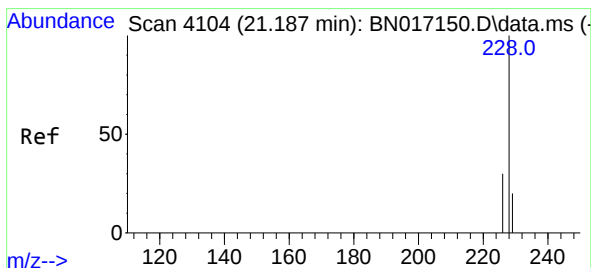
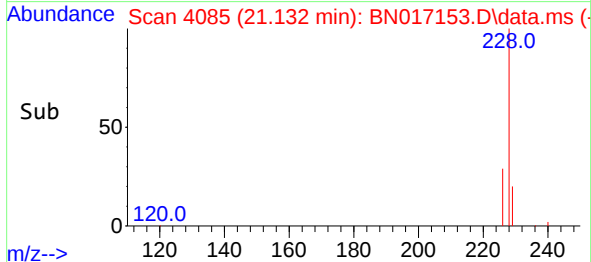
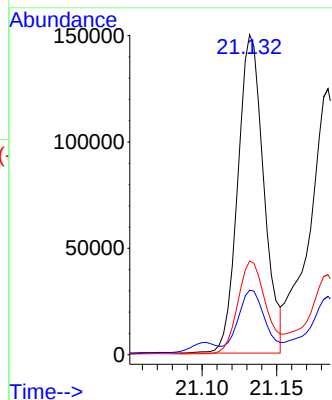
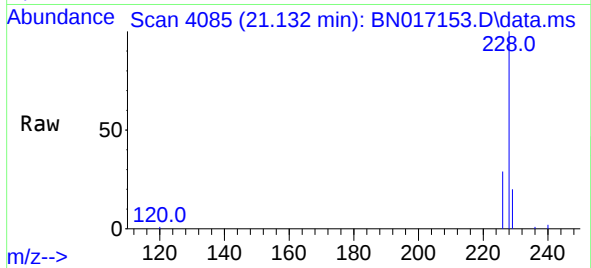
#21
Benzo(a)anthracene
Concen: 2.153 ng/u1
RT: 21.132 min Scan# 4085
Delta R.T. -0.003 min
Lab File: BN017153.D
Acq: 28 Oct 2021 13:32

Tgt Ion:228 Resp: 181012
Ion Ratio Lower Upper
228 100
229 20.1 16.1 24.1
226 29.3 21.7 32.5

Instrument :
BNA_N
ClientSampleId :
C0B04

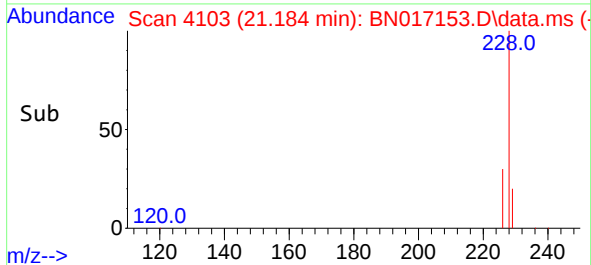
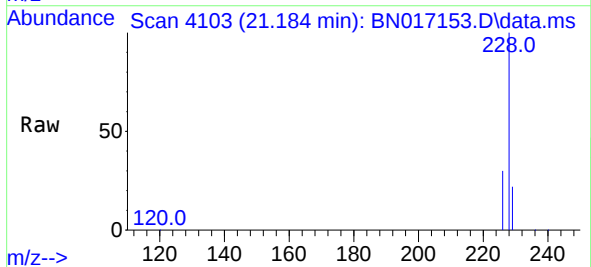
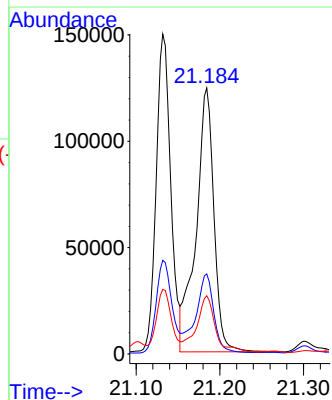
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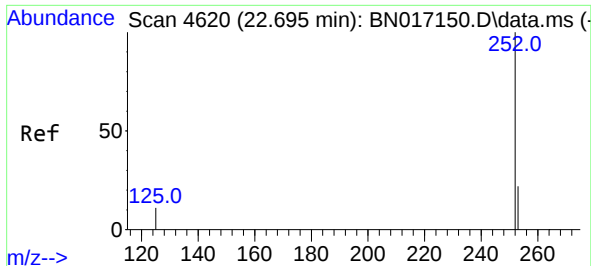
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#22
Chrysene
Concen: 1.935 ng/u1
RT: 21.184 min Scan# 4103
Delta R.T. -0.003 min
Lab File: BN017153.D
Acq: 28 Oct 2021 13:32

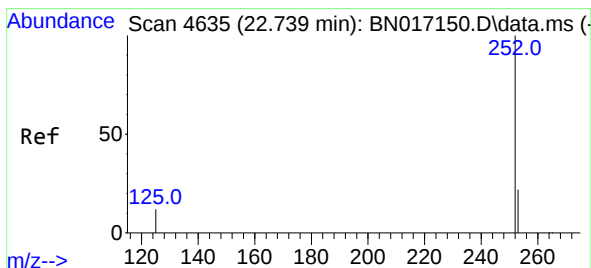
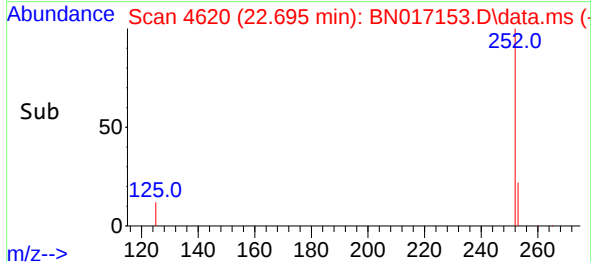
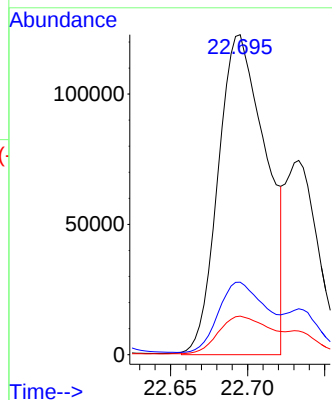
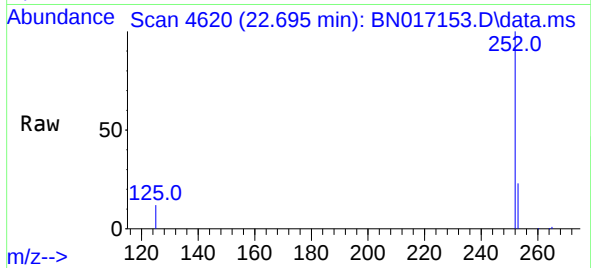
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Ion Ratio Lower Upper
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226 30.1 24.1 36.1
229 21.9 15.4 23.2





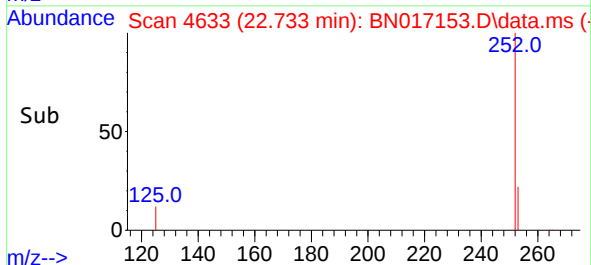
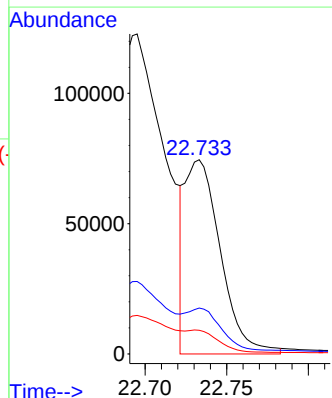
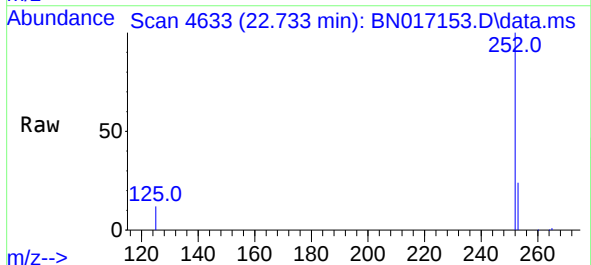
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Benzo(b)fluoranthene
Concen: 2.901 ng/ul m
RT: 22.695 min Scan# 4620
Delta R.T. 0.000 min
Lab File: BN017153.D
Acq: 28 Oct 2021 13:32

Tgt Ion:252 Resp: 265342
Ion Ratio Lower Upper
252 100
253 22.6 0.0 46.8
125 12.1 0.0 23.8



#25
Benzo(k)fluoranthene
Concen: 1.083 ng/ul m
RT: 22.733 min Scan# 4633
Delta R.T. -0.006 min
Lab File: BN017153.D
Acq: 28 Oct 2021 13:32

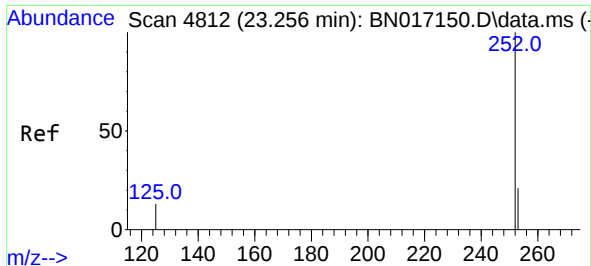
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Ion Ratio Lower Upper
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125 12.2 10.0 15.0



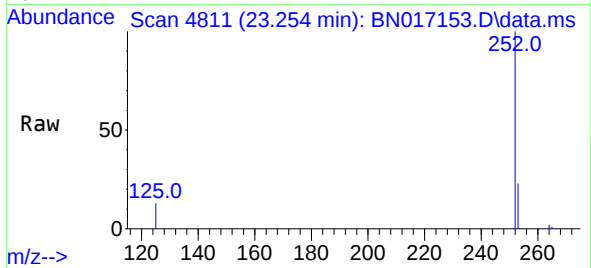
Instrument :
BNA_N
ClientSampled :
C0B04

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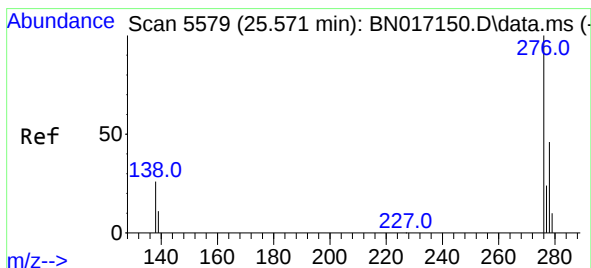
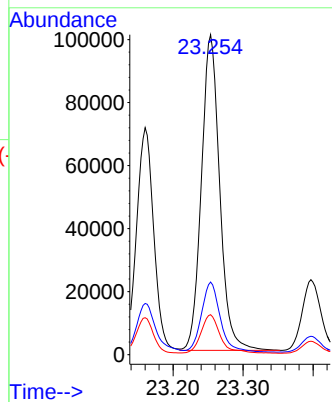
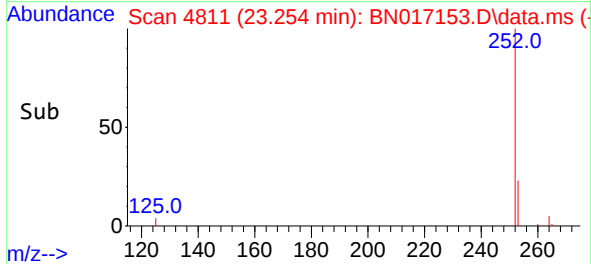
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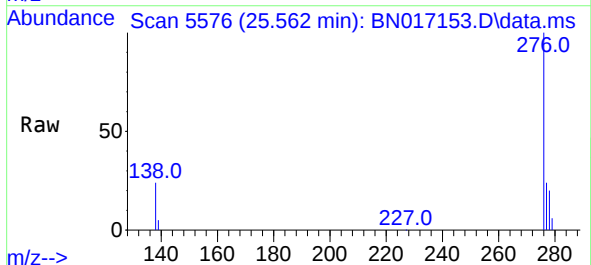
#26
Benzo(a)pyrene
Concen: 2.218 ng/ul
RT: 23.254 min Scan# 4811
Delta R.T. -0.003 min
Lab File: BN017153.D
Acq: 28 Oct 2021 13:32



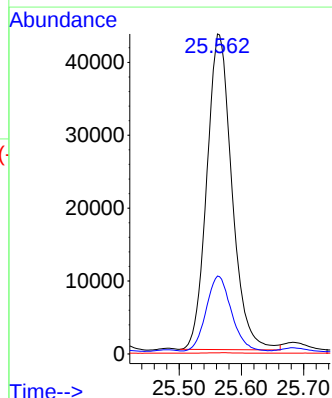
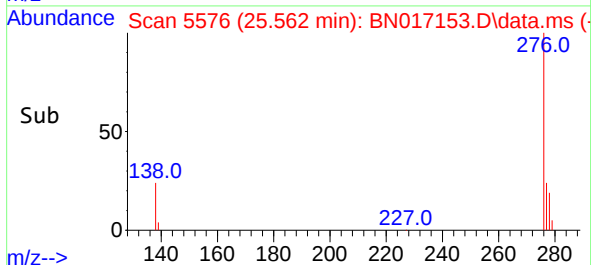
Tgt Ion:252 Resp: 181939
Ion Ratio Lower Upper
252 100
253 22.7 19.3 28.9
125 12.5 10.8 16.2



#27
Indeno(1,2,3-cd)pyrene
Concen: 1.042 ng/ul
RT: 25.562 min Scan# 5576
Delta R.T. -0.010 min
Lab File: BN017153.D
Acq: 28 Oct 2021 13:32



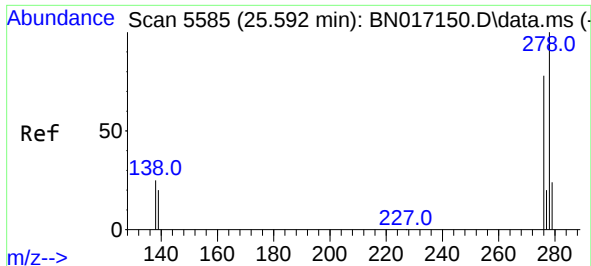
Tgt Ion:276 Resp: 121225
Ion Ratio Lower Upper
276 100
138 24.4 22.2 33.4
227 0.2 0.0 0.0#



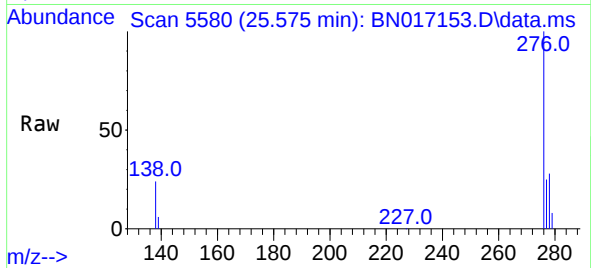
Instrument :
BNA_N
ClientSampleId :
C0B04

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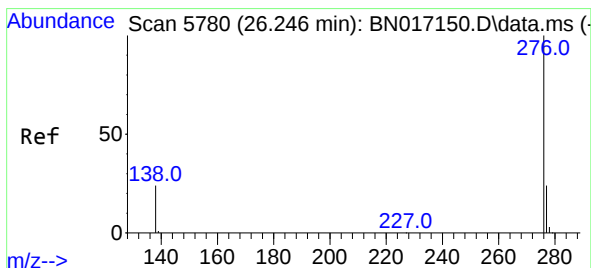
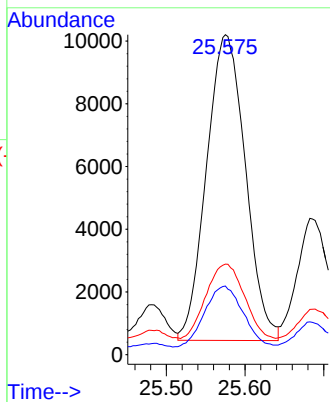
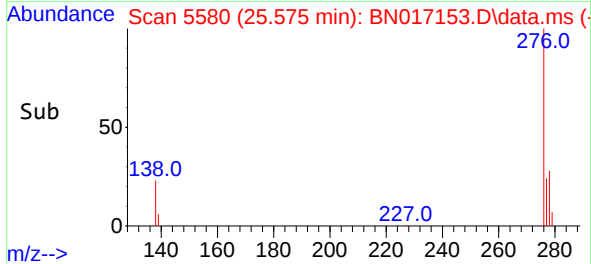
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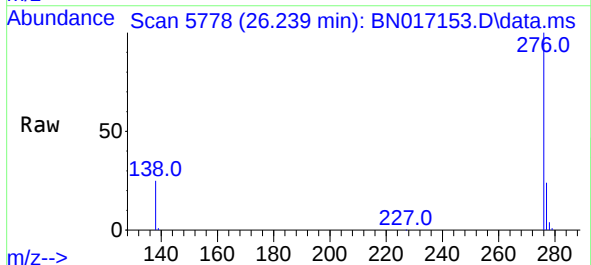
#28
Dibenzo(a,h)anthracene
Concen: 0.364 ng/ul
RT: 25.575 min Scan# 5580
Delta R.T. -0.017 min
Lab File: BN017153.D
Acq: 28 Oct 2021 13:32



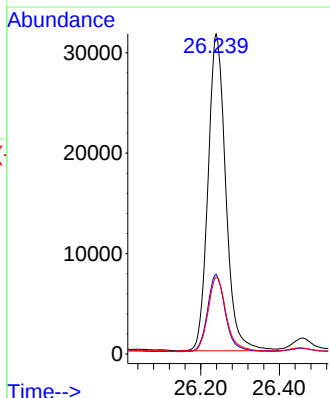
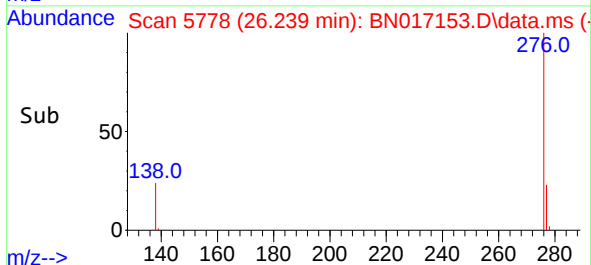
Tgt Ion:278 Resp: 33501
Ion Ratio Lower Upper
278 100
139 21.5 15.4 23.0
279 28.3 19.5 29.3



#29
Benzo(g,h,i)perylene
Concen: 1.003 ng/ul
RT: 26.239 min Scan# 5778
Delta R.T. -0.007 min
Lab File: BN017153.D
Acq: 28 Oct 2021 13:32



Tgt Ion:276 Resp: 98808
Ion Ratio Lower Upper
276 100
138 24.9 19.2 28.8
277 24.0 19.0 28.6



Instrument :
BNA_N
ClientSampleId :
C0B04

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