

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102721\
 Data File : BN017159.D
 Acq On : 28 Oct 2021 17:10
 Operator : CG/JU
 Sample : M4205-04
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0B00

Manual Integrations
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Quant Time: Oct 28 17:40:56 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	5149	0.400	ng/ul	0.00
4) Naphthalene-d8	10.299	136	20514	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.183	164	12385	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.935	188	27840	0.400	ng/ul	0.00
17) Chrysene-d12	21.149	240	28659	0.400	ng/ul	0.00
23) Perylene-d12	23.353	264	29203	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.059	96	5164	0.902	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.905	152	6298	0.210	ng/ul	0.00
18) Fluoranthene-d10	18.975	212	17684	0.235	ng/ul	0.00
Target Compounds					Qvalue	
5) Naphthalene	10.348	128	6098	0.107	ng/ul	97
7) 2-Methylnaphthalene	11.976	142	5356	0.136	ng/ul	100
8) 1-Methylnaphthalene	12.202	142	4526	0.112	ng/ul	99
10) Acenaphthylene	13.896	152	5982	0.122	ng/ul	97
15) Phenanthrene	16.977	178	34260	0.388	ng/ul	100
16) Anthracene	17.066	178	5832	0.080	ng/ul	96
19) Fluoranthene	19.007	202	104755	1.022	ng/ul	98
20) Pyrene	19.370	202	99670	0.948	ng/ul	98
21) Benzo(a)anthracene	21.134	228	51035	0.544	ng/ul	98
22) Chrysene	21.187	228	67030	0.630	ng/ul	98
24) Benzo(b)fluoranthene	22.695	252	99391m	0.913	ng/ul	
25) Benzo(k)fluoranthene	22.733	252	36793m	0.298	ng/ul	
26) Benzo(a)pyrene	23.253	252	55615	0.570	ng/ul	100
27) Indeno(1,2,3-cd)pyrene	25.565	276	47419	0.342	ng/ul#	93
28) Dibenzo(a,h)anthracene	25.575	278	11979	0.109	ng/ul#	82
29) Benzo(g,h,i)perylene	26.242	276	42221	0.360	ng/ul	98

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

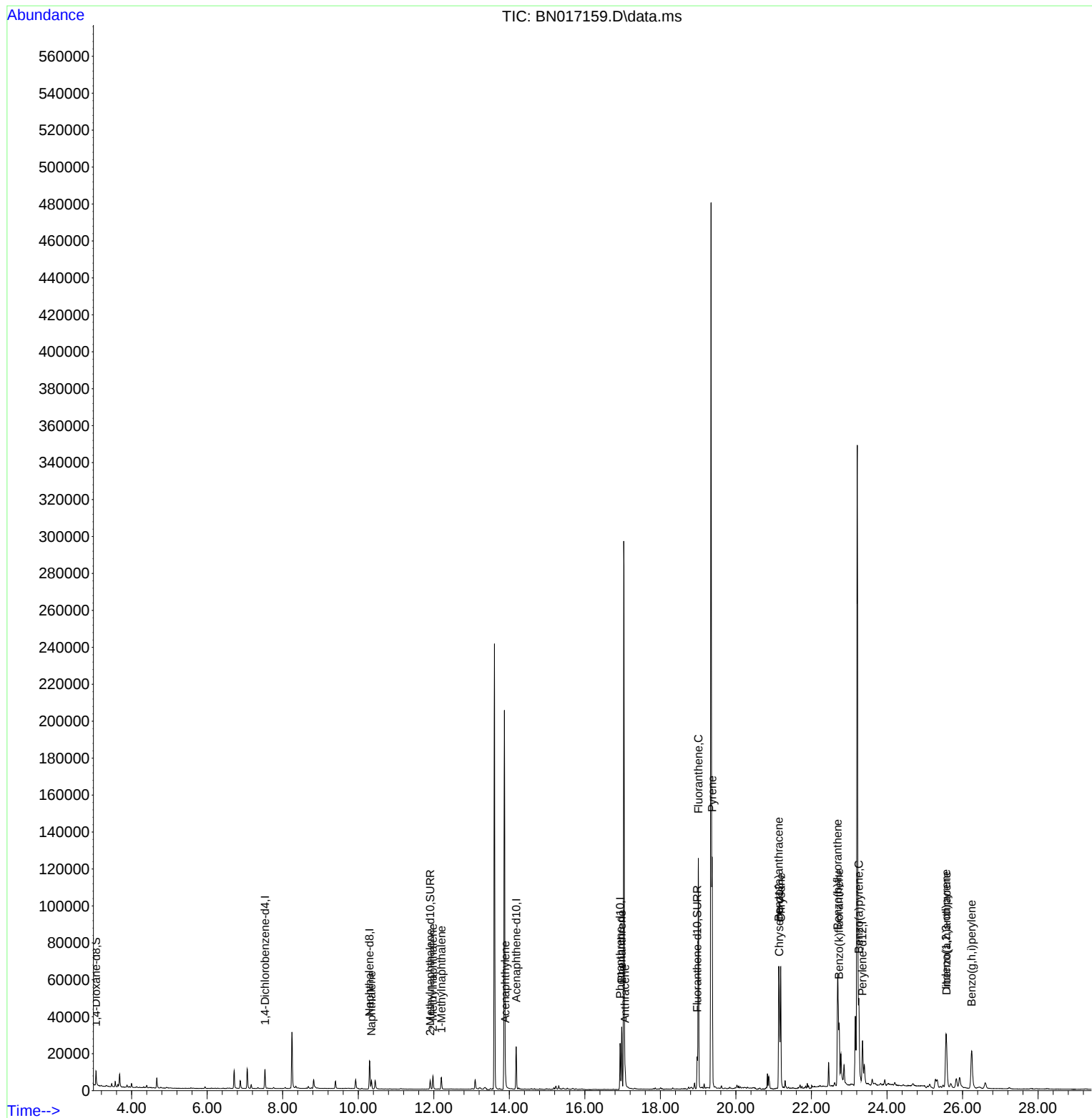
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102721\
Data File : BN017159.D
Acq On : 28 Oct 2021 17:10
Operator : CG/JU
Sample : M4205-04
Misc :
ALS Vial : 32 Sample Multiplier: 1

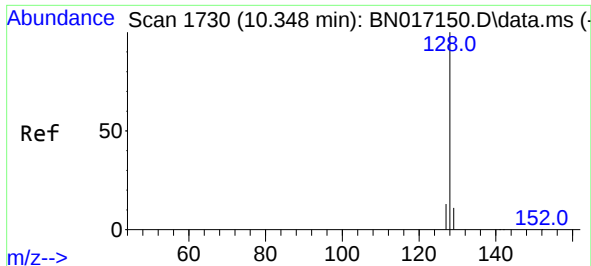
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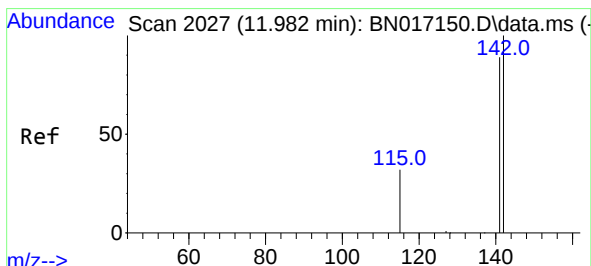
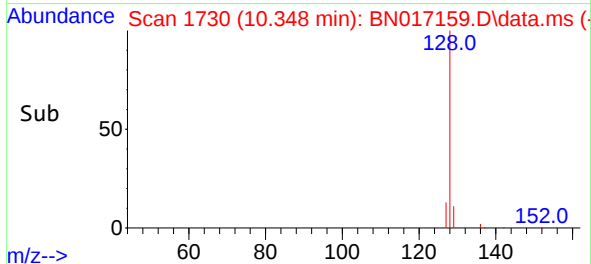
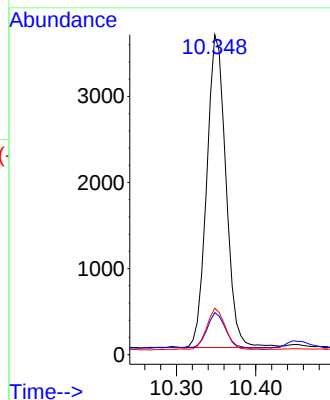
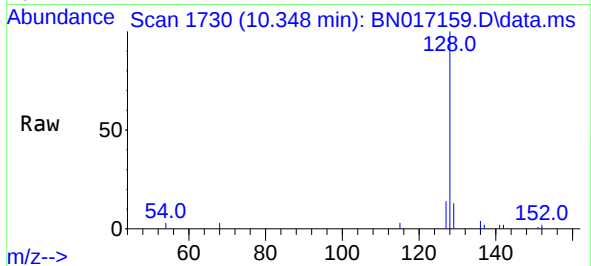
#5
Naphthalene
Concen: 0.107 ng/ul
RT: 10.348 min Scan# 1730
Delta R.T. -0.000 min
Lab File: BN017159.D
Acq: 28 Oct 2021 17:10

Tgt Ion:	128	Resp:	6098
Ion Ratio	Lower	Upper	
128	100		
129	13.1	9.2	13.8
127	14.5	10.8	16.2

Instrument :
BNA_N
ClientSampleId :
C0B00

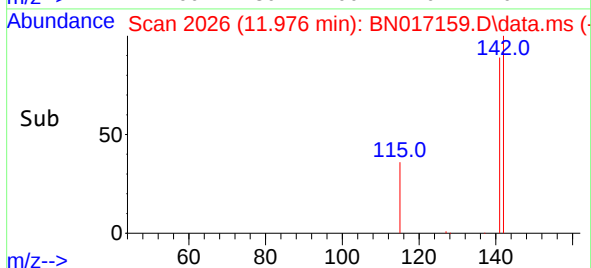
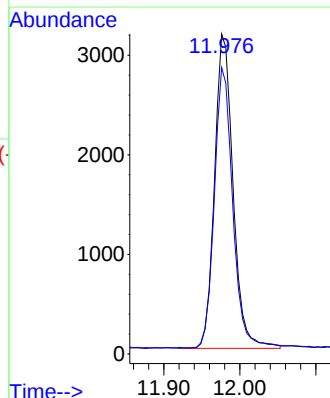
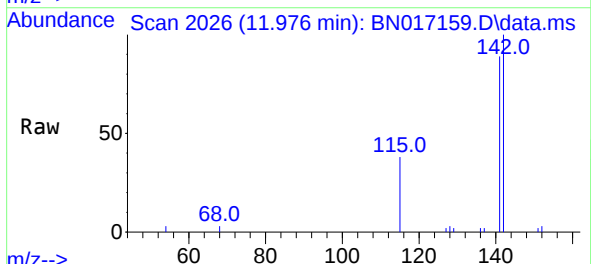
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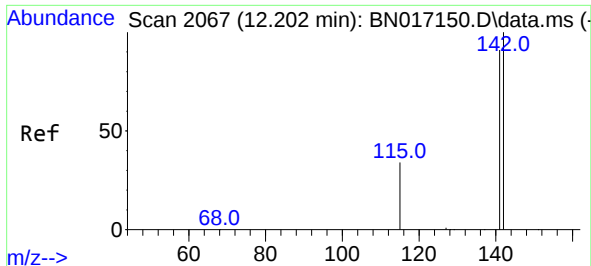
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#7
2-Methylnaphthalene
Concen: 0.136 ng/ul
RT: 11.976 min Scan# 2026
Delta R.T. -0.006 min
Lab File: BN017159.D
Acq: 28 Oct 2021 17:10

Tgt Ion:	142	Resp:	5356
Ion Ratio	Lower	Upper	
142	100		
141	88.3	71.0	106.4





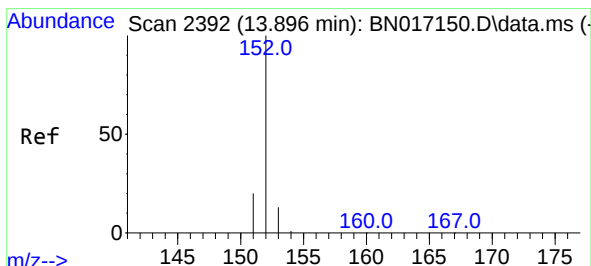
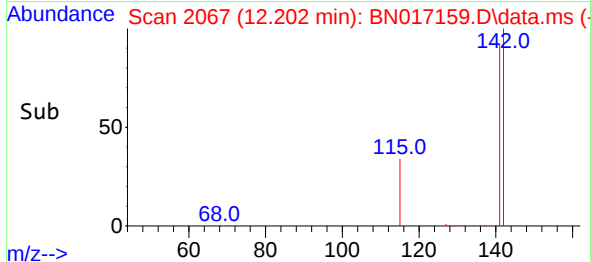
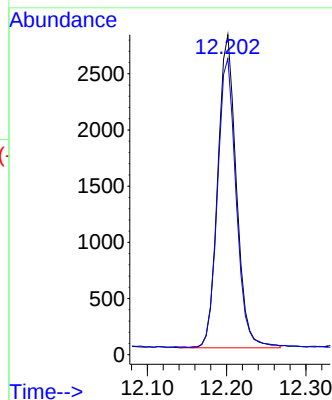
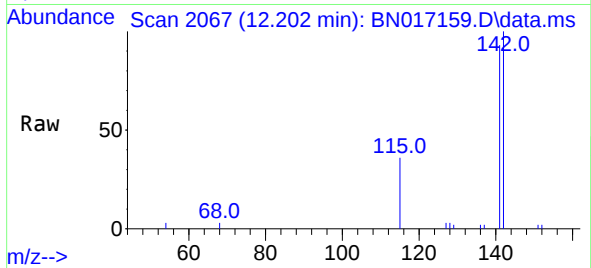
#8
1-Methylnaphthalene
Concen: 0.112 ng/ul
RT: 12.202 min Scan# 2067
Delta R.T. -0.000 min
Lab File: BN017159.D
Acq: 28 Oct 2021 17:10

Tgt Ion:142 Resp: 4526
Ion Ratio Lower Upper
142 100
141 92.8 73.8 110.8

Instrument :
BNA_N
ClientSampled :
C0B00

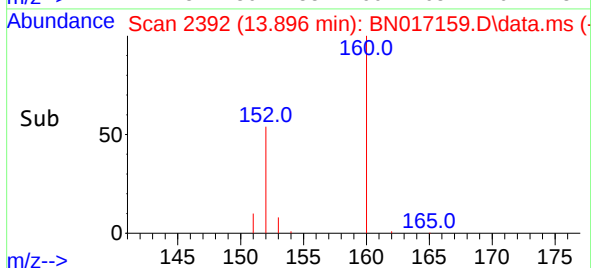
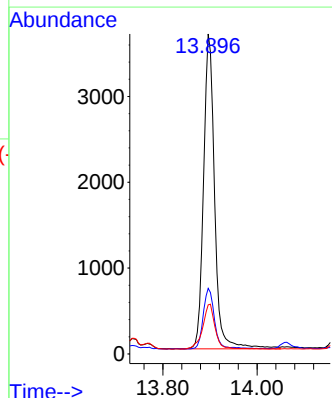
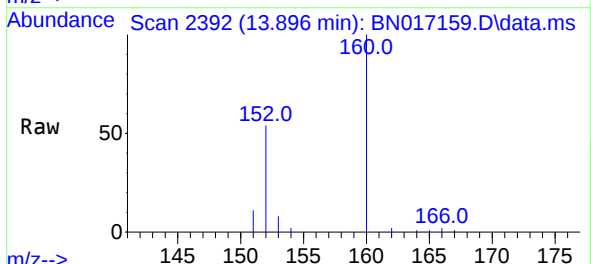
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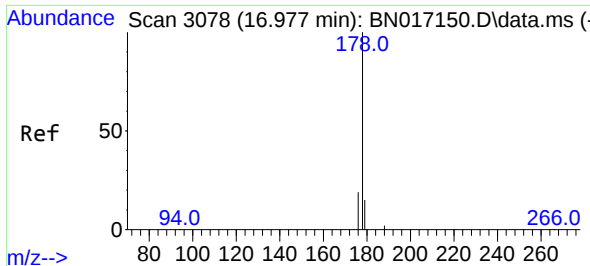
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#10
Acenaphthylene
Concen: 0.122 ng/ul
RT: 13.896 min Scan# 2392
Delta R.T. -0.000 min
Lab File: BN017159.D
Acq: 28 Oct 2021 17:10

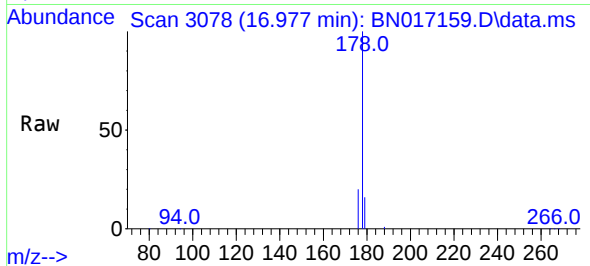
Tgt Ion:152 Resp: 5982
Ion Ratio Lower Upper
152 100
151 20.5 16.0 24.0
153 15.4 10.8 16.2





#15
Phenanthrene
Concen: 0.388 ng/ul
RT: 16.977 min Scan# 3078
Delta R.T. -0.000 min
Lab File: BN017159.D
Acq: 28 Oct 2021 17:10

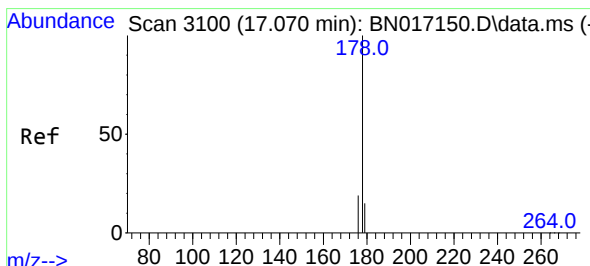
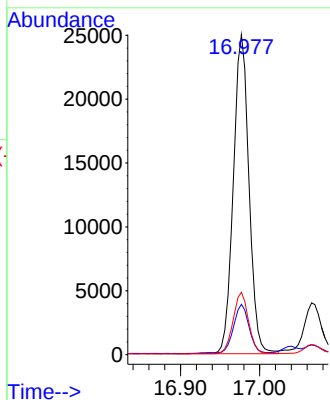
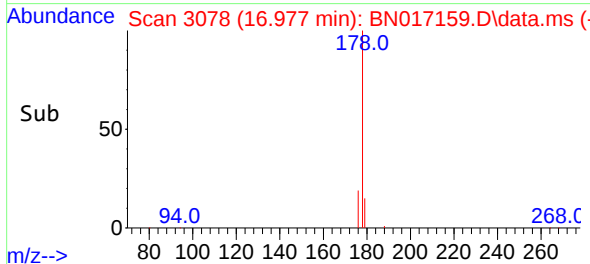
Instrument :
BNA_N
ClientSampleId :
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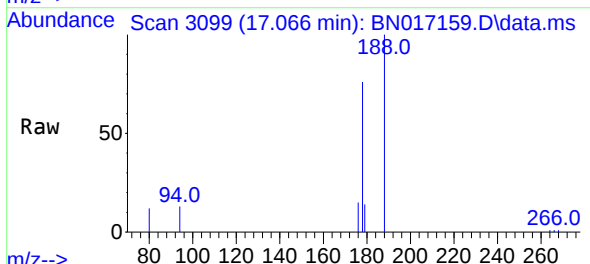
Tgt Ion:178 Resp: 34260
Ion Ratio Lower Upper
178 100
179 15.7 12.6 19.0
176 19.5 15.5 23.3

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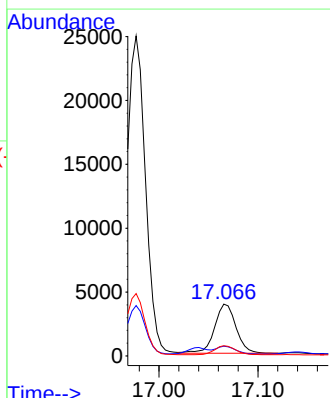
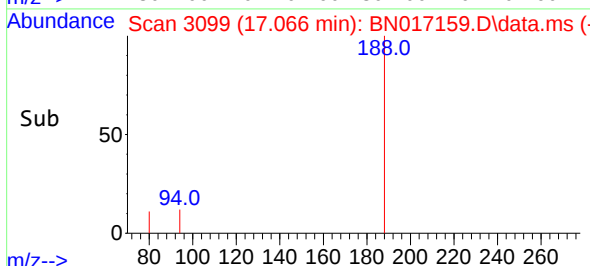
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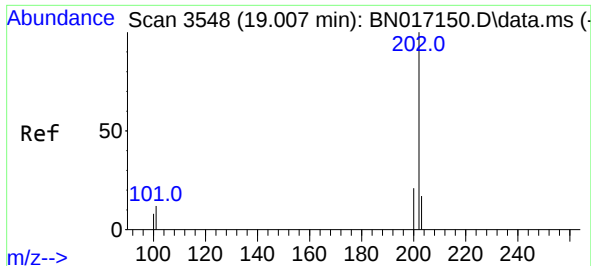


#16
Anthracene
Concen: 0.080 ng/ul
RT: 17.066 min Scan# 3099
Delta R.T. -0.004 min
Lab File: BN017159.D
Acq: 28 Oct 2021 17:10



Tgt Ion:178 Resp: 5832
Ion Ratio Lower Upper
178 100
179 18.9 12.6 19.0
176 19.8 15.2 22.8





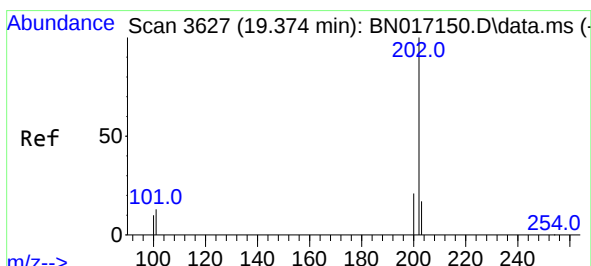
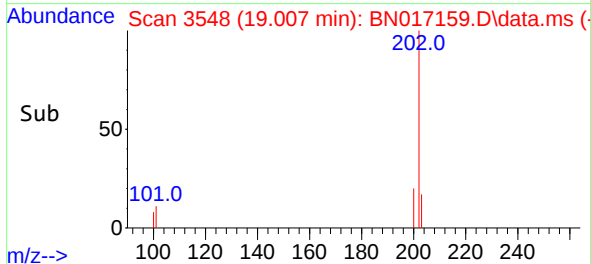
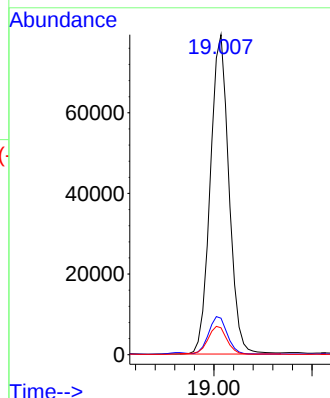
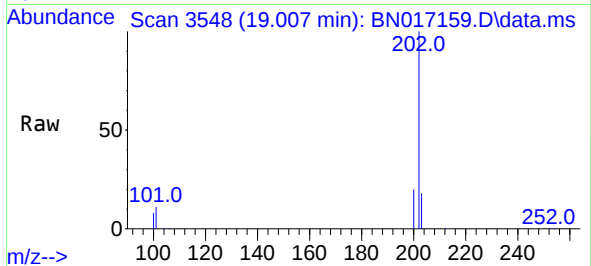
#19
Fluoranthene
Concen: 1.022 ng/u1
RT: 19.007 min Scan# 3548
Delta R.T. -0.000 min
Lab File: BN017159.D
Acq: 28 Oct 2021 17:10

Tgt Ion:202	Resp:	104755
Ion Ratio	Lower	Upper
202	100	
101	11.4	9.7 14.5
100	8.4	7.2 10.8

Instrument :
BNA_N
ClientSampleId :
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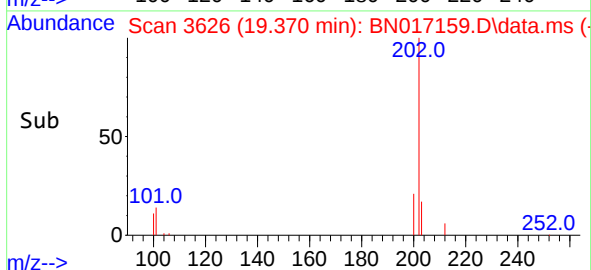
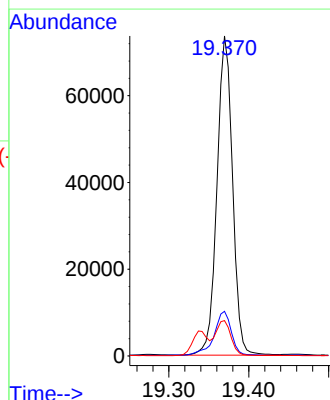
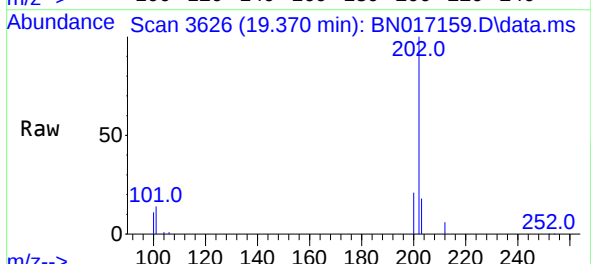
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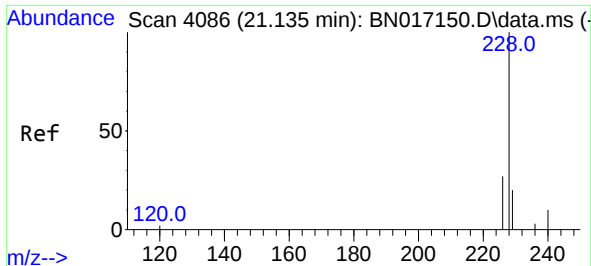
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#20
Pyrene
Concen: 0.948 ng/u1
RT: 19.370 min Scan# 3626
Delta R.T. -0.005 min
Lab File: BN017159.D
Acq: 28 Oct 2021 17:10

Tgt Ion:202	Resp:	99670
Ion Ratio	Lower	Upper
202	100	
101	14.0	10.3 15.5
100	11.0	8.2 12.2





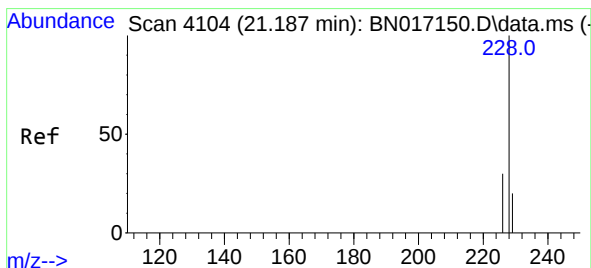
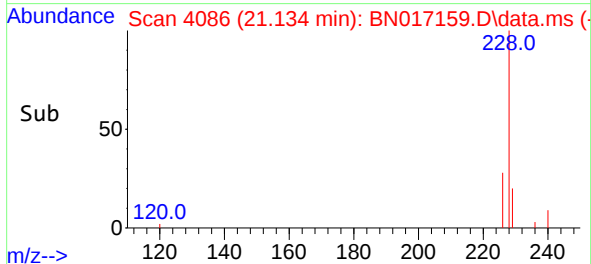
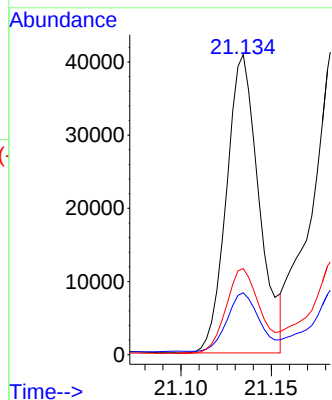
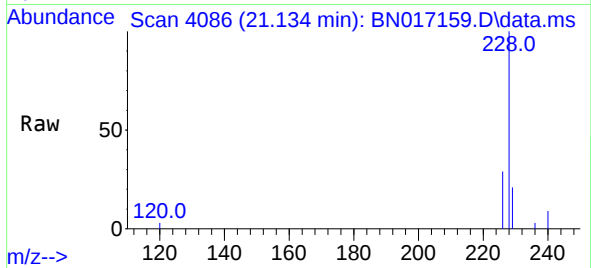
#21
Benzo(a)anthracene
Concen: 0.544 ng/ul
RT: 21.134 min Scan# 4086
Delta R.T. -0.000 min
Lab File: BN017159.D
Acq: 28 Oct 2021 17:10

Tgt Ion:	228	Resp:	51035
Ion Ratio	Lower	Upper	
228	100		
229	20.6	16.1	24.1
226	28.7	21.7	32.5

Instrument :
BNA_N
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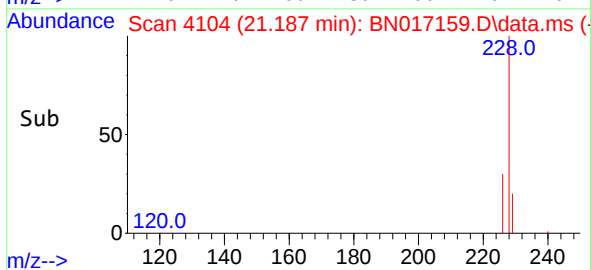
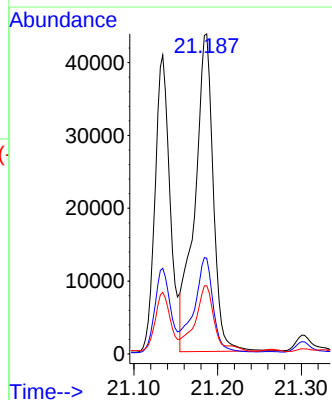
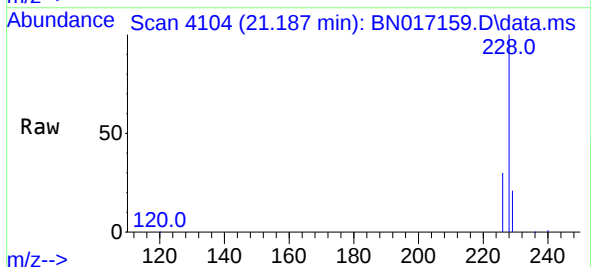
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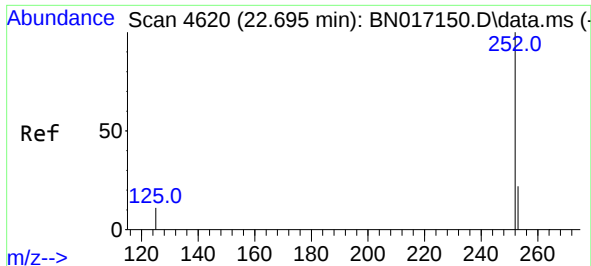
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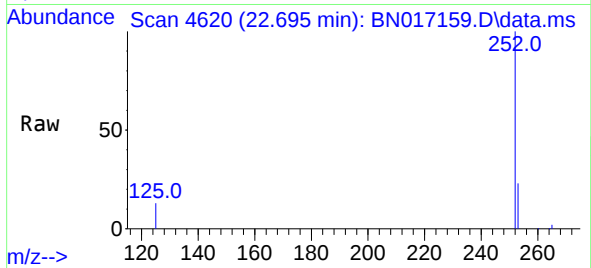
#22
Chrysene
Concen: 0.630 ng/ul
RT: 21.187 min Scan# 4104
Delta R.T. -0.000 min
Lab File: BN017159.D
Acq: 28 Oct 2021 17:10

Tgt Ion:	228	Resp:	67030
Ion Ratio	Lower	Upper	
228	100		
226	29.9	24.1	36.1
229	21.3	15.4	23.2

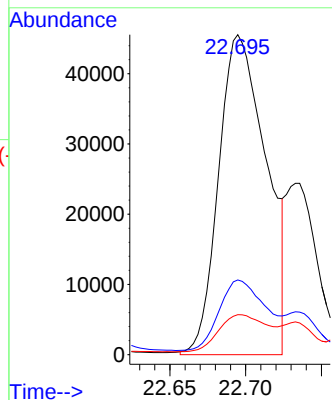




#24
Benzo(b)fluoranthene
Concen: 0.913 ng/ul m
RT: 22.695 min Scan# 4620
Delta R.T. -0.000 min
Lab File: BN017159.D
Acq: 28 Oct 2021 17:10



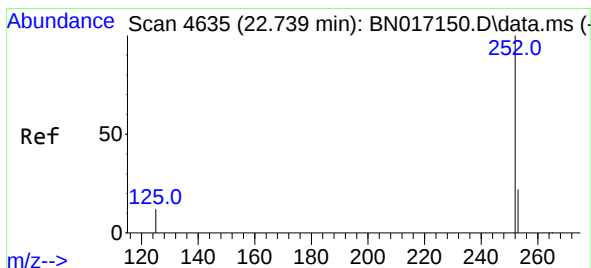
Tgt Ion:252 Resp: 99391
Ion Ratio Lower Upper
252 100
253 23.3 0.0 46.8
125 12.5 0.0 23.8



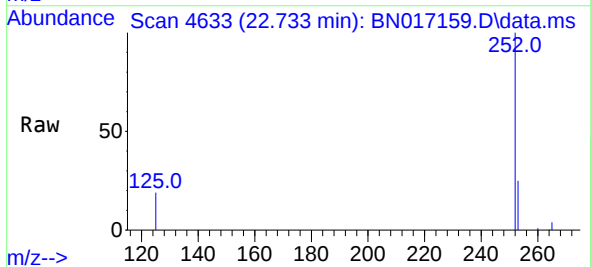
Instrument :
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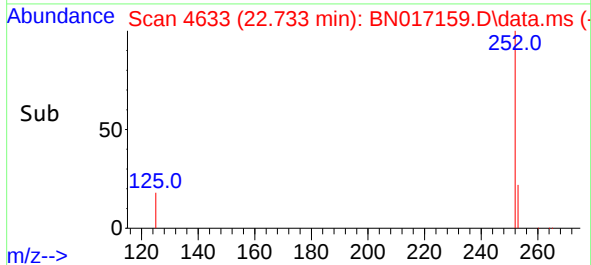
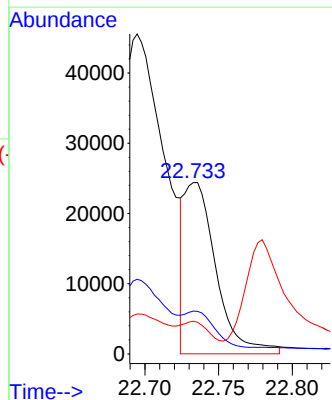
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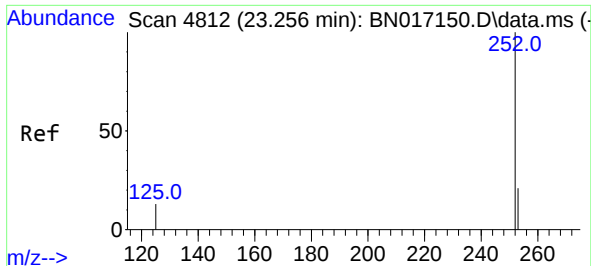


#25
Benzo(k)fluoranthene
Concen: 0.298 ng/ul m
RT: 22.733 min Scan# 4633
Delta R.T. -0.006 min
Lab File: BN017159.D
Acq: 28 Oct 2021 17:10

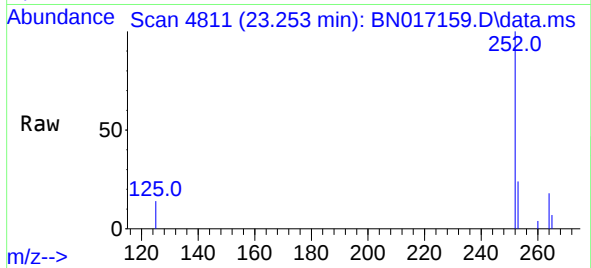


Tgt Ion:252 Resp: 36793
Ion Ratio Lower Upper
252 100
253 25.1 18.3 27.5
125 19.1 10.0 15.0#

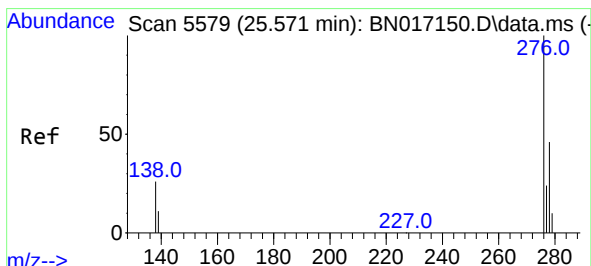
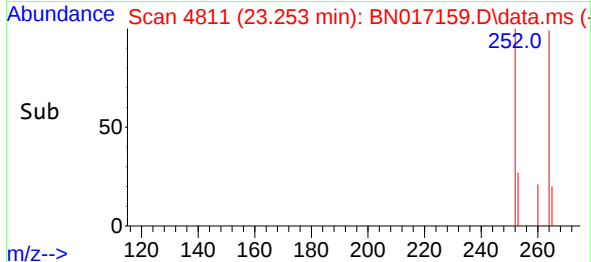
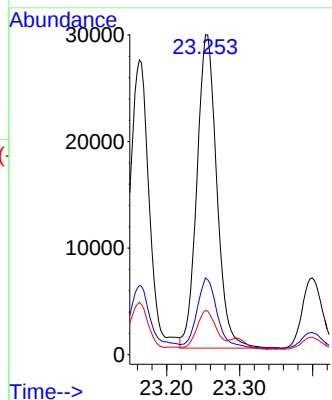




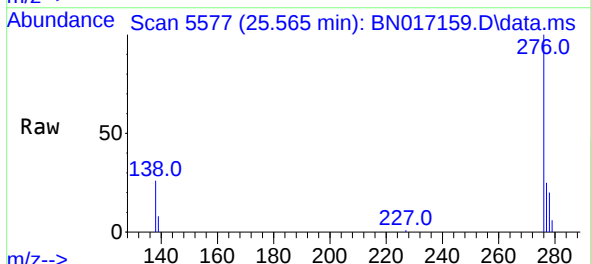
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Benzo(a)pyrene
Concen: 0.570 ng/ul
RT: 23.253 min Scan# 4811
Delta R.T. -0.003 min
Lab File: BN017159.D
Acq: 28 Oct 2021 17:10



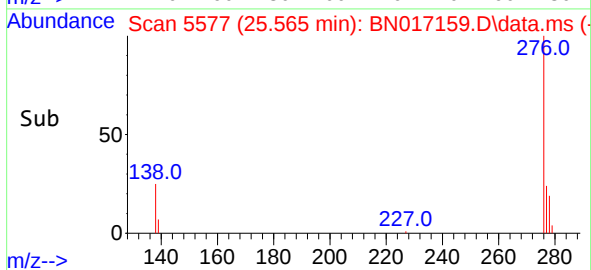
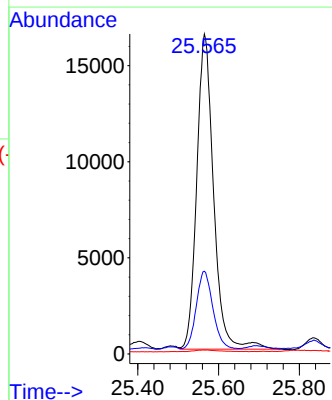
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Ion Ratio Lower Upper
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253 24.0 19.3 28.9
125 13.8 10.8 16.2



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.342 ng/ul
RT: 25.565 min Scan# 5577
Delta R.T. -0.007 min
Lab File: BN017159.D
Acq: 28 Oct 2021 17:10



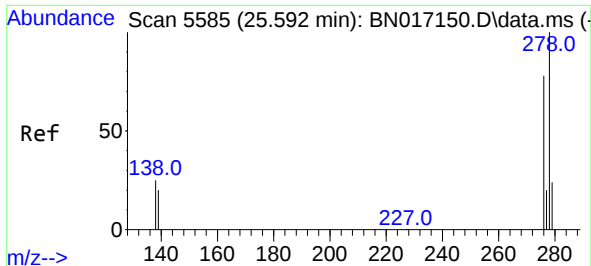
Tgt Ion:276 Resp: 47419
Ion Ratio Lower Upper
276 100
138 24.1 22.2 33.4
227 0.8 0.0 0.0#



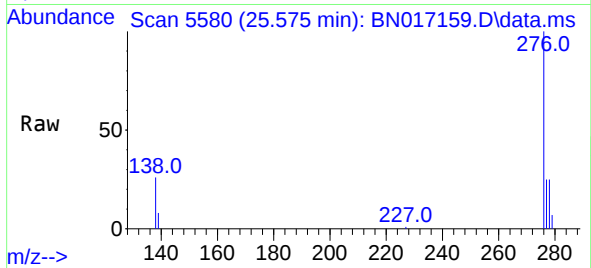
Instrument :
BNA_N
ClientSampleId :
C0B00

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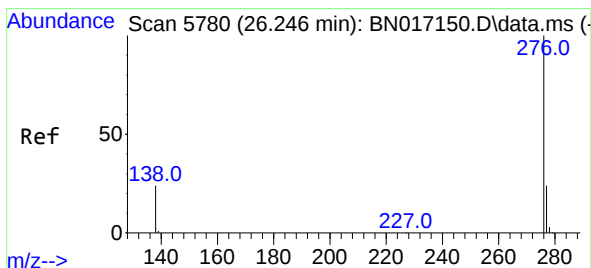
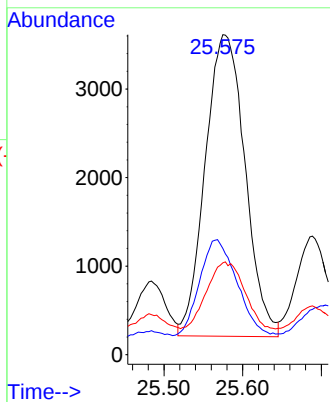
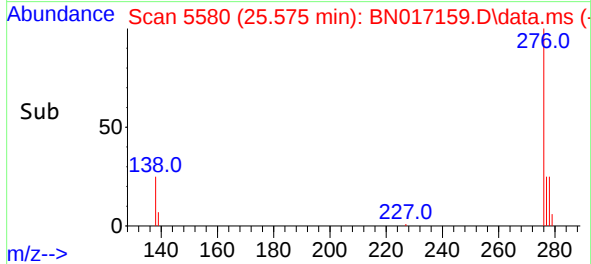
mohammad
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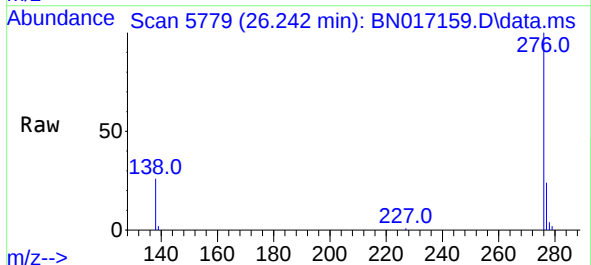
#28
Dibenzo(a,h)anthracene
Concen: 0.109 ng/ul
RT: 25.575 min Scan# 5580
Delta R.T. -0.017 min
Lab File: BN017159.D
Acq: 28 Oct 2021 17:10



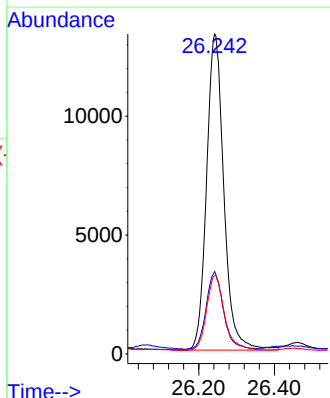
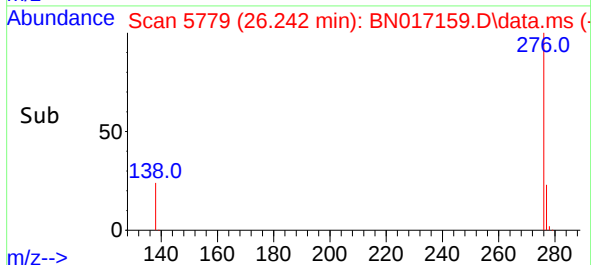
Tgt Ion:278 Resp: 11979
Ion Ratio Lower Upper
278 100
139 33.2 15.4 23.0#
279 28.7 19.5 29.3



#29
Benzo(g,h,i)perylene
Concen: 0.360 ng/ul
RT: 26.242 min Scan# 5779
Delta R.T. -0.004 min
Lab File: BN017159.D
Acq: 28 Oct 2021 17:10



Tgt Ion:276 Resp: 42221
Ion Ratio Lower Upper
276 100
138 25.8 19.2 28.8
277 24.5 19.0 28.6



Instrument :
BNA_N
ClientSampleId :
C0B00

Manual Integrations
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