

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102721\
 Data File : BN017163.D
 Acq On : 28 Oct 2021 19:36
 Operator : CG/JU
 Sample : M4205-08
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0B26

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Quant Time: Oct 29 02:50:09 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	4301	0.400	ng/ul	0.00
4) Naphthalene-d8	10.299	136	17099	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.183	164	10718	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.935	188	24043	0.400	ng/ul	0.00
17) Chrysene-d12	21.149	240	23555	0.400	ng/ul	0.00
23) Perylene-d12	23.350	264	24138	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.055	96	4526	0.946	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.905	152	5226	0.209	ng/ul	0.00
18) Fluoranthene-d10	18.975	212	14354	0.232	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.348	128	11841	0.250	ng/ul	99
7) 2-Methylnaphthalene	11.976	142	11210	0.342	ng/ul	100
8) 1-Methylnaphthalene	12.196	142	9301	0.277	ng/ul	99
10) Acenaphthylene	13.896	152	3402	0.080	ng/ul#	92
12) Fluorene	15.238	166	932	0.021	ng/ul#	72
15) Phenanthrene	16.977	178	29768	0.390	ng/ul	99
16) Anthracene	17.066	178	3228	0.051	ng/ul#	92
19) Fluoranthene	19.007	202	38193	0.453	ng/ul	99
20) Pyrene	19.370	202	39907	0.462	ng/ul	98
21) Benzo(a)anthracene	21.135	228	18421	0.239	ng/ul	95
22) Chrysene	21.184	228	25752	0.294	ng/ul	97
24) Benzo(b)fluoranthene	22.695	252	27325m	0.304	ng/ul	
25) Benzo(k)fluoranthene	22.736	252	11008m	0.108	ng/ul	
26) Benzo(a)pyrene	23.253	252	17988	0.223	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	25.565	276	13713	0.120	ng/ul#	95
28) Dibenzo(a,h)anthracene	25.571	278	3555	0.039	ng/ul#	64
29) Benzo(g,h,i)perylene	26.239	276	13189	0.136	ng/ul	96

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

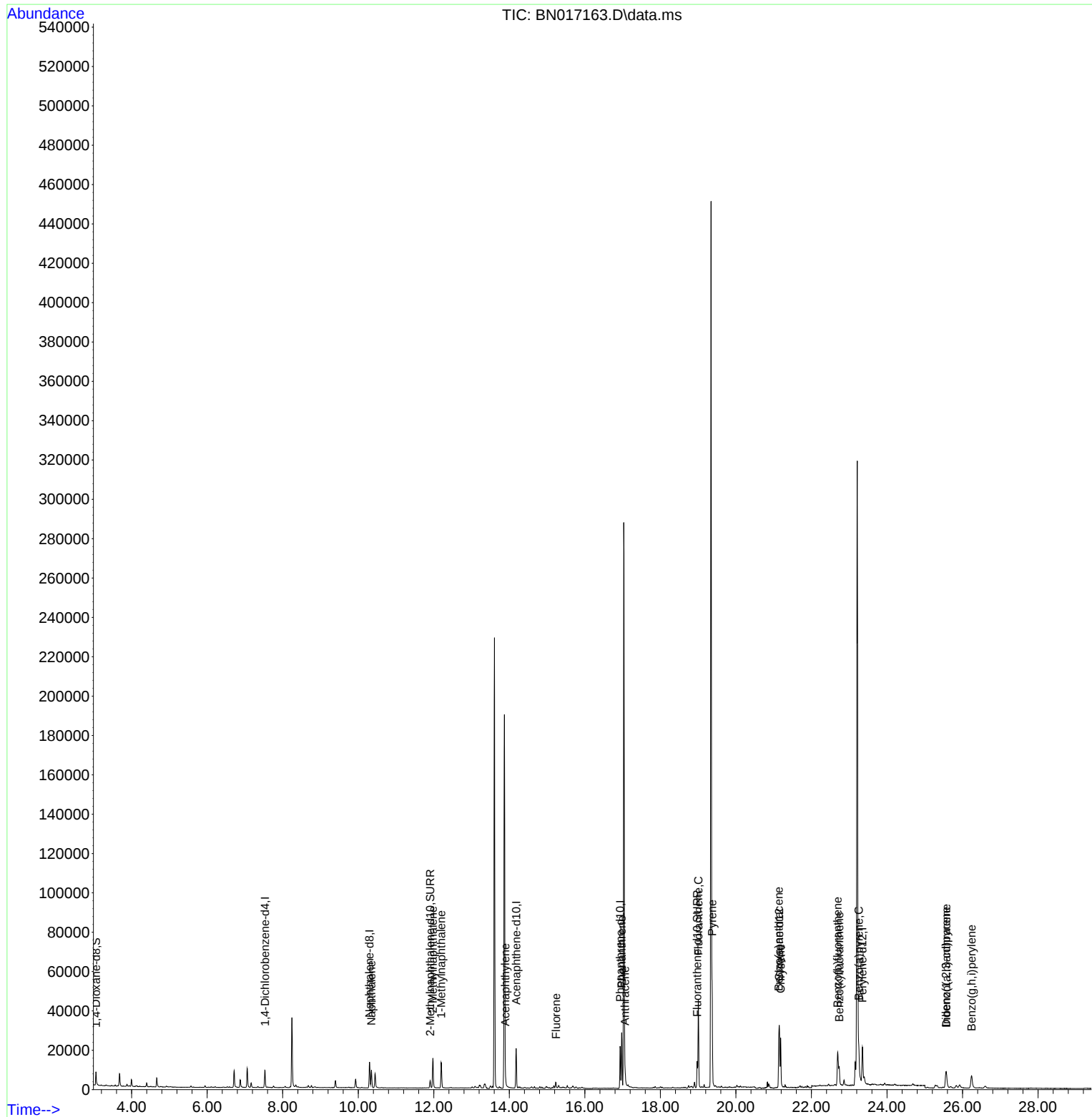
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102721\
Data File : BN017163.D
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Sample : M4205-08
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ALS Vial : 36 Sample Multiplier: 1

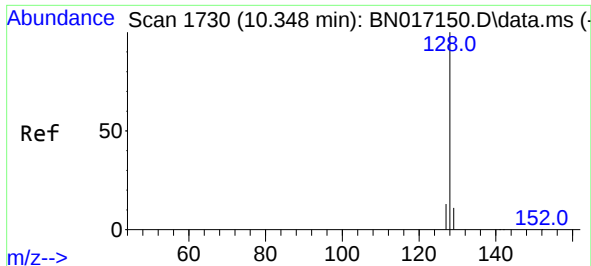
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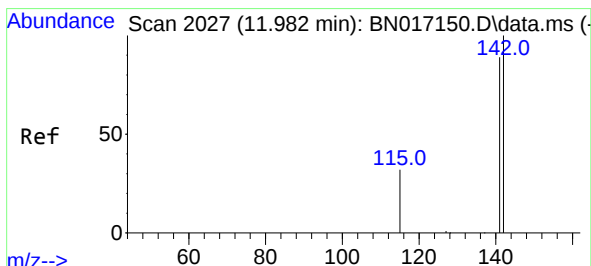
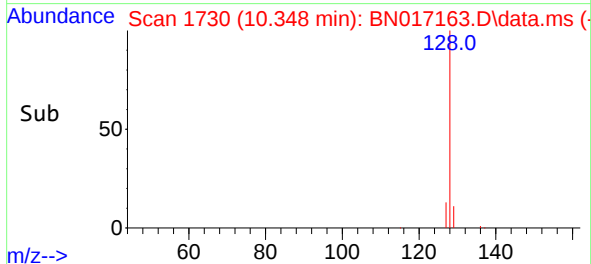
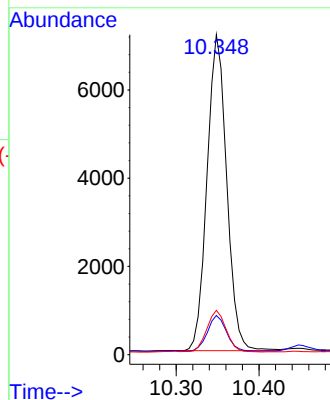
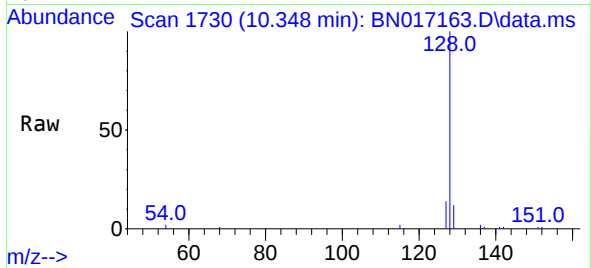
#5
Naphthalene
Concen: 0.250 ng/ul
RT: 10.348 min Scan# 1730
Delta R.T. 0.000 min
Lab File: BN017163.D
Acq: 28 Oct 2021 19:36

Tgt Ion:	128	Resp:	11841
Ion Ratio	Lower	Upper	
128	100		
129	12.2	9.2	13.8
127	13.9	10.8	16.2

Instrument :
BNA_N
ClientSampled :
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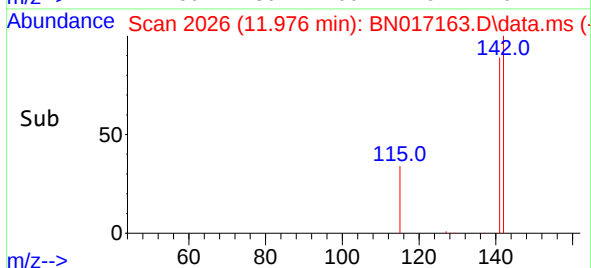
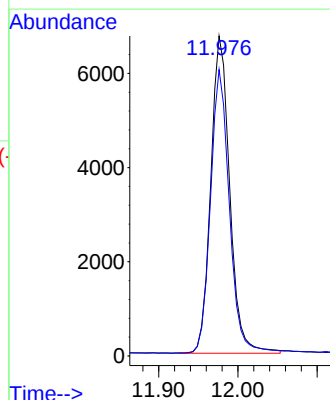
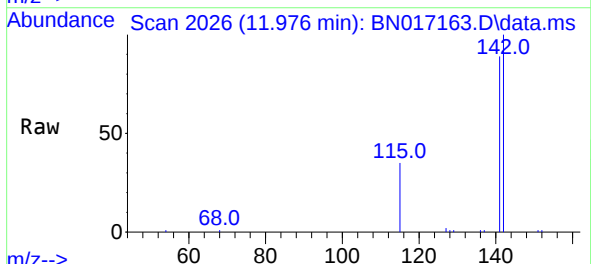
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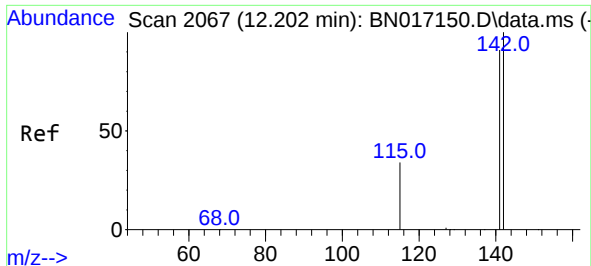
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#7
2-Methylnaphthalene
Concen: 0.342 ng/ul
RT: 11.976 min Scan# 2026
Delta R.T. -0.005 min
Lab File: BN017163.D
Acq: 28 Oct 2021 19:36

Tgt Ion:	142	Resp:	11210
Ion Ratio	Lower	Upper	
142	100		
141	88.8	71.0	106.4





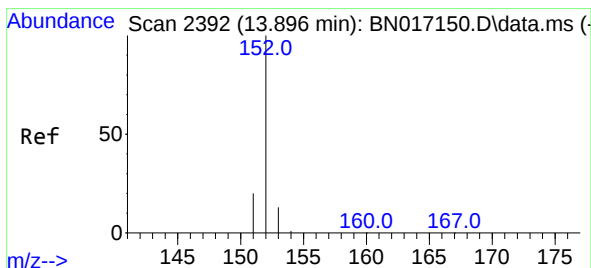
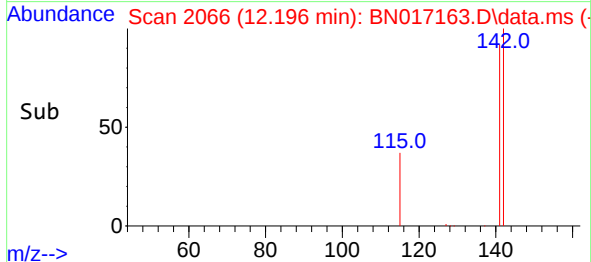
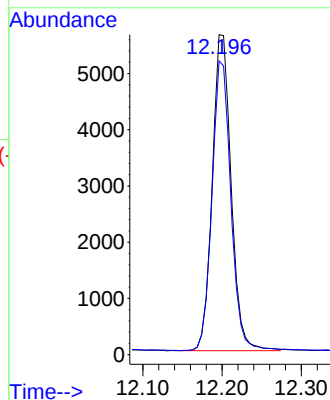
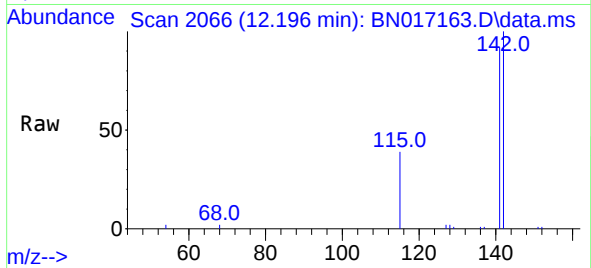
#8
1-Methylnaphthalene
Concen: 0.277 ng/ul
RT: 12.196 min Scan# 2066
Delta R.T. -0.005 min
Lab File: BN017163.D
Acq: 28 Oct 2021 19:36

Tgt Ion:142 Resp: 9301
Ion Ratio Lower Upper
142 100
141 91.3 73.8 110.8

Instrument :
BNA_N
ClientSampled :
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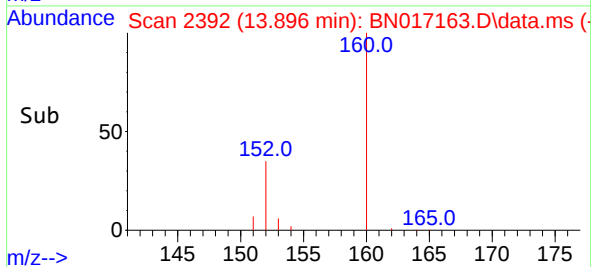
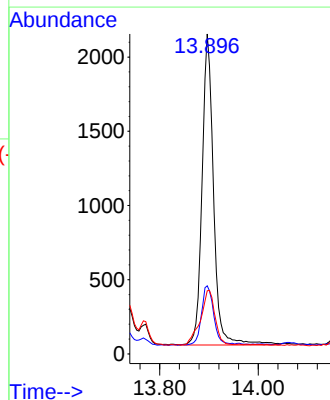
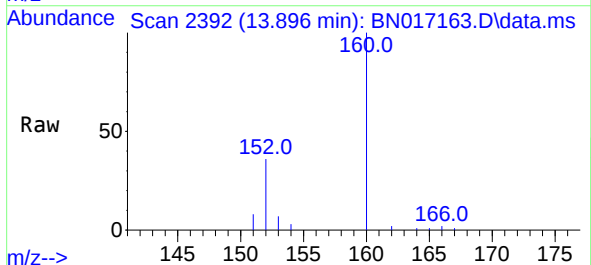
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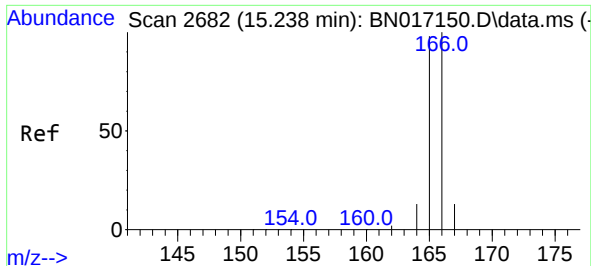
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#10
Acenaphthylene
Concen: 0.080 ng/ul
RT: 13.896 min Scan# 2392
Delta R.T. 0.000 min
Lab File: BN017163.D
Acq: 28 Oct 2021 19:36

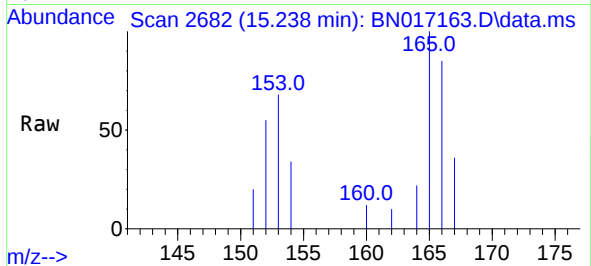
Tgt Ion:152 Resp: 3402
Ion Ratio Lower Upper
152 100
151 21.3 16.0 24.0
153 19.8 10.8 16.2#





#12
Fluorene
Concen: 0.021 ng/ul
RT: 15.238 min Scan# 2682
Delta R.T. 0.000 min
Lab File: BN017163.D
Acq: 28 Oct 2021 19:36

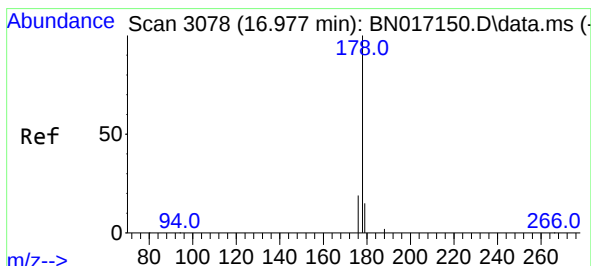
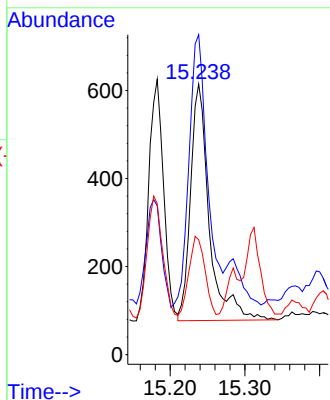
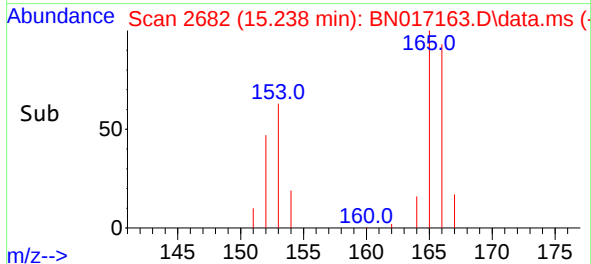
Instrument :
BNA_N
ClientSampled :
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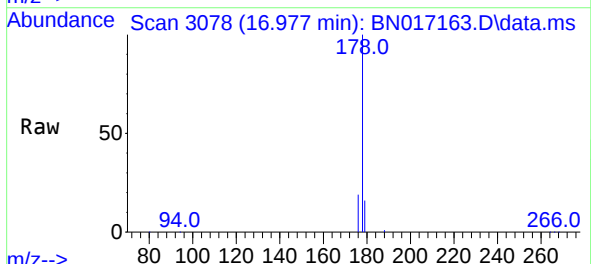
Tgt Ion:166 Resp: 932
Ion Ratio Lower Upper
166 100
165 118.2 77.7 116.5#
167 42.4 11.1 16.7#

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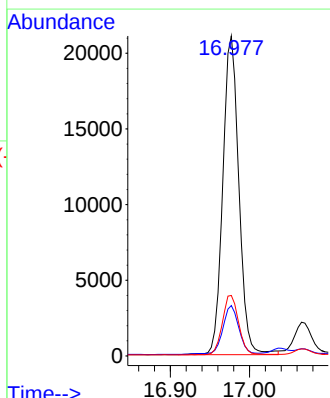
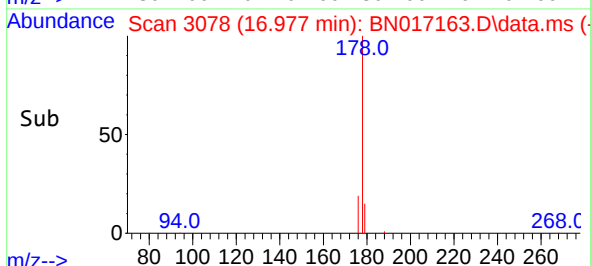
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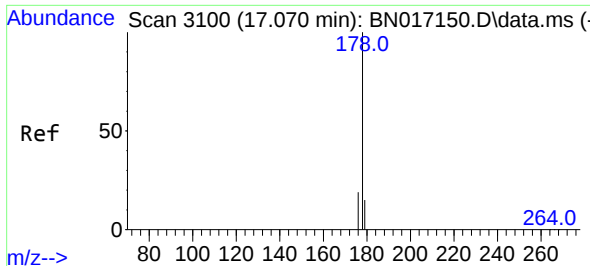


#15
Phenanthrene
Concen: 0.390 ng/ul
RT: 16.977 min Scan# 3078
Delta R.T. -0.000 min
Lab File: BN017163.D
Acq: 28 Oct 2021 19:36



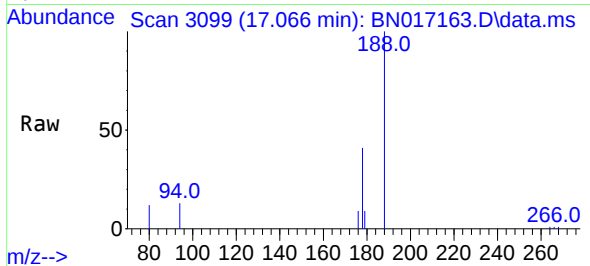
Tgt Ion:178 Resp: 29768
Ion Ratio Lower Upper
178 100
179 15.7 12.6 19.0
176 18.9 15.5 23.3





#16
 Anthracene
 Concen: 0.051 ng/ul
 RT: 17.066 min Scan# 3099
 Delta R.T. -0.004 min
 Lab File: BN017163.D
 Acq: 28 Oct 2021 19:36

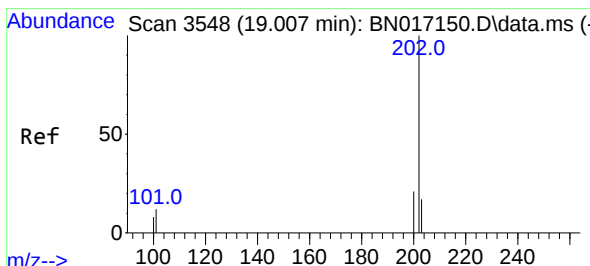
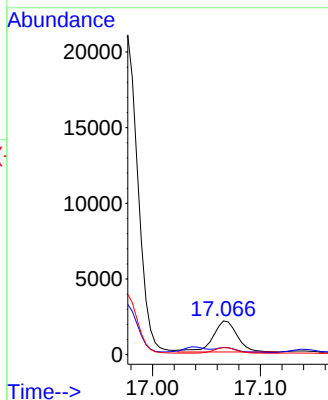
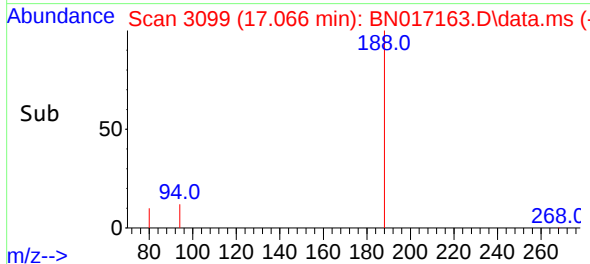
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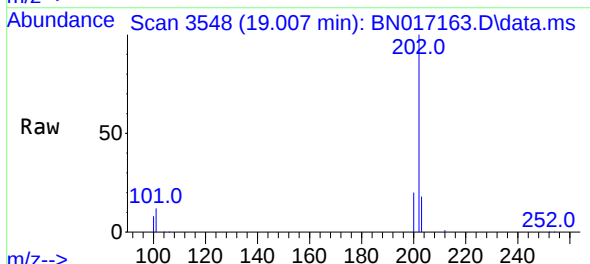
Tgt Ion:178 Resp: 3228
 Ion Ratio Lower Upper
 178 100
 179 21.3 12.6 19.0#
 176 21.0 15.2 22.8

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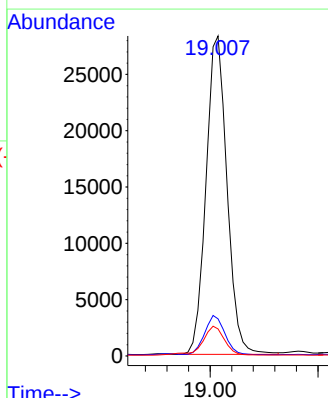
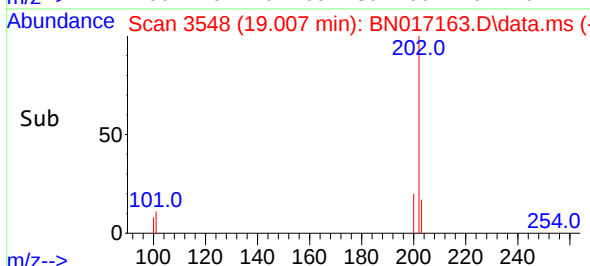
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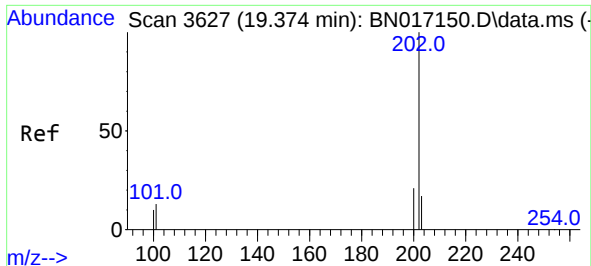


#19
 Fluoranthene
 Concen: 0.453 ng/ul
 RT: 19.007 min Scan# 3548
 Delta R.T. 0.000 min
 Lab File: BN017163.D
 Acq: 28 Oct 2021 19:36



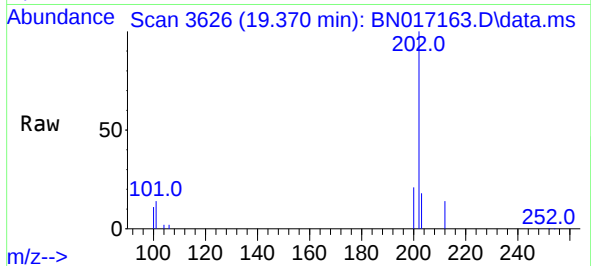
Tgt Ion:202 Resp: 38193
 Ion Ratio Lower Upper
 202 100
 101 11.6 9.7 14.5
 100 8.5 7.2 10.8





#20
Pyrene
Concen: 0.462 ng/ul
RT: 19.370 min Scan# 3626
Delta R.T. -0.005 min
Lab File: BN017163.D
Acq: 28 Oct 2021 19:36

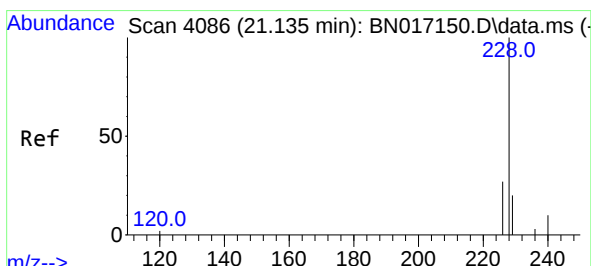
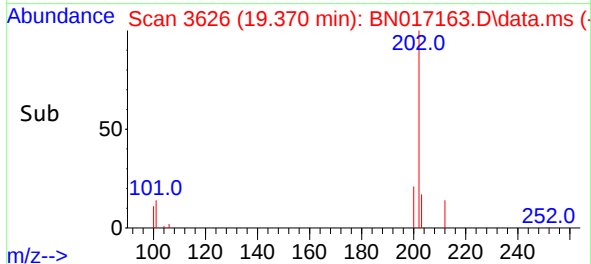
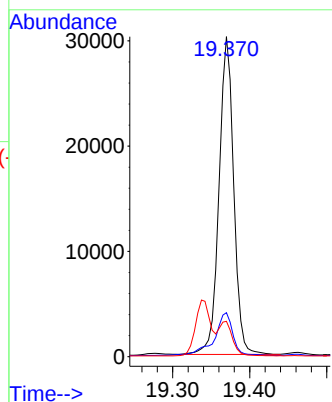
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BNA_N
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Tgt Ion:202 Resp: 39907
Ion Ratio Lower Upper
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101 13.8 10.3 15.5
100 11.0 8.2 12.2

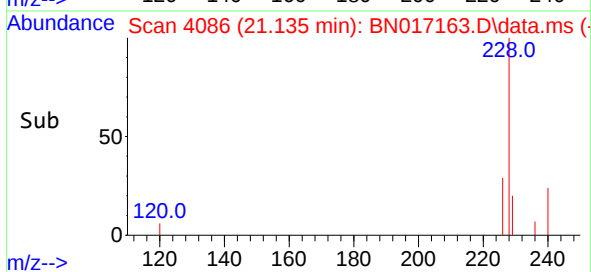
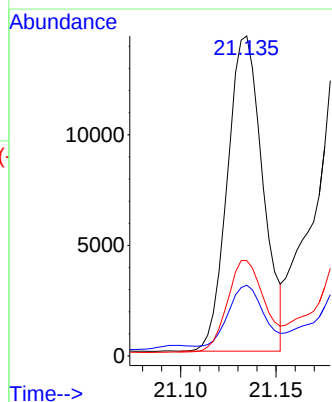
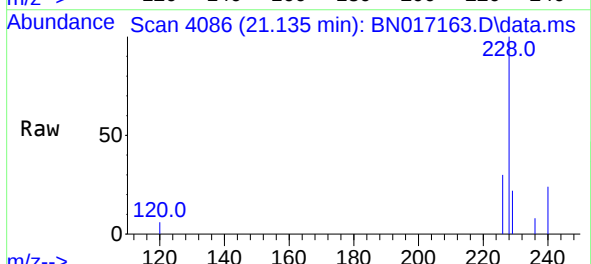
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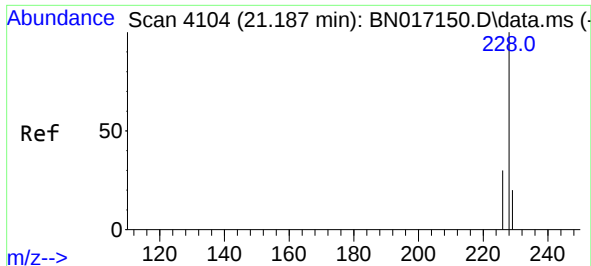
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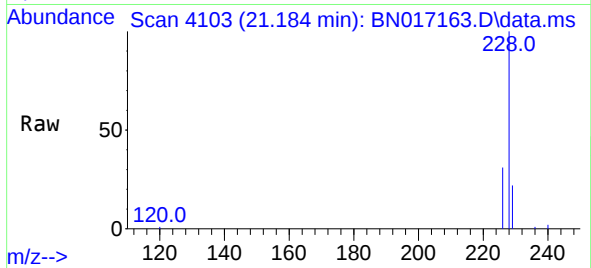
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Benzo(a)anthracene
Concen: 0.239 ng/ul
RT: 21.135 min Scan# 4086
Delta R.T. 0.000 min
Lab File: BN017163.D
Acq: 28 Oct 2021 19:36

Tgt Ion:228 Resp: 18421
Ion Ratio Lower Upper
228 100
229 22.1 16.1 24.1
226 29.8 21.7 32.5

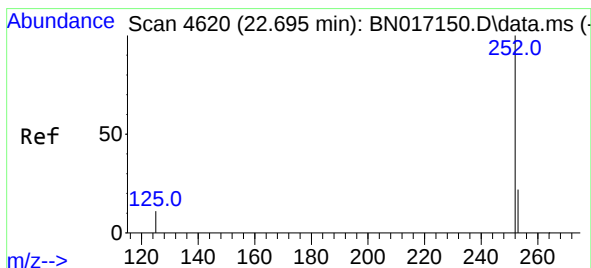
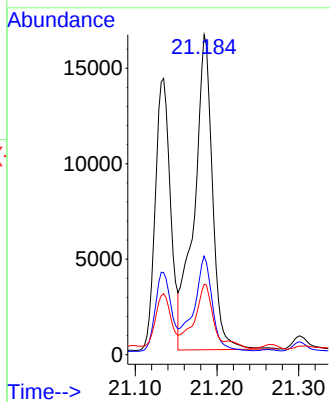
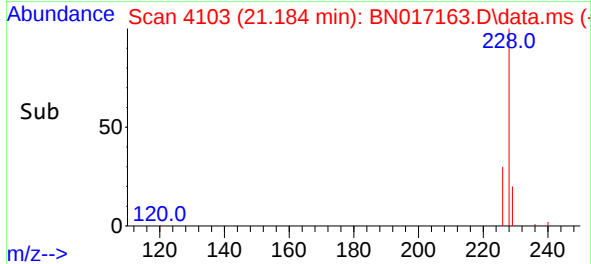




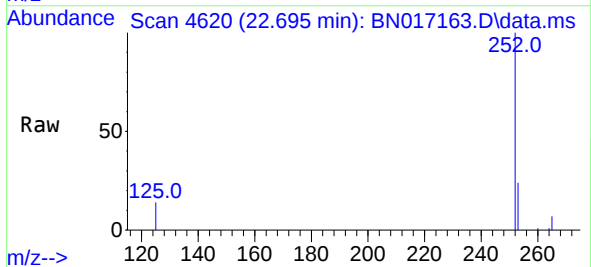
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Chrysene
Concen: 0.294 ng/ul
RT: 21.184 min Scan# 4103
Delta R.T. -0.003 min
Lab File: BN017163.D
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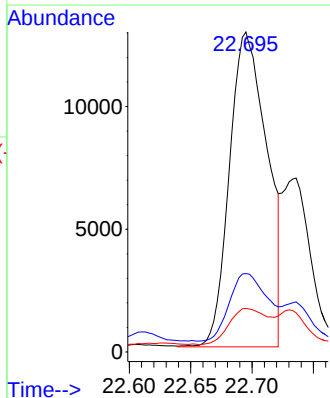
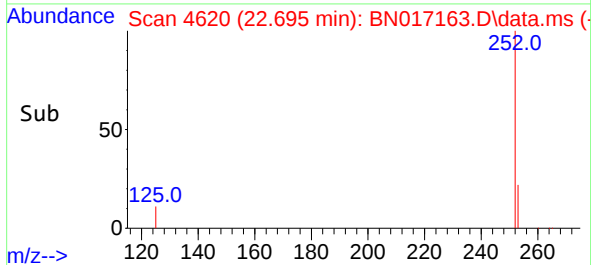
Tgt Ion:228 Resp: 25752
Ion Ratio Lower Upper
228 100
226 30.8 24.1 36.1
229 22.0 15.4 23.2



#24
Benzo(b)fluoranthene
Concen: 0.304 ng/ul m
RT: 22.695 min Scan# 4620
Delta R.T. 0.000 min
Lab File: BN017163.D
Acq: 28 Oct 2021 19:36



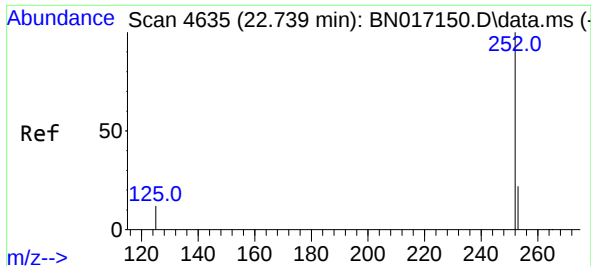
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Ion Ratio Lower Upper
252 100
253 24.5 0.0 46.8
125 13.6 0.0 23.8



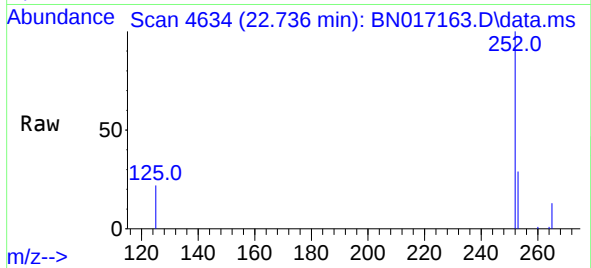
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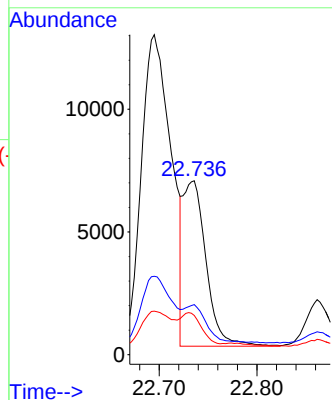
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#25
Benzo(k)fluoranthene
Concen: 0.108 ng/ul m
RT: 22.736 min Scan# 4634
Delta R.T. -0.003 min
Lab File: BN017163.D
Acq: 28 Oct 2021 19:36



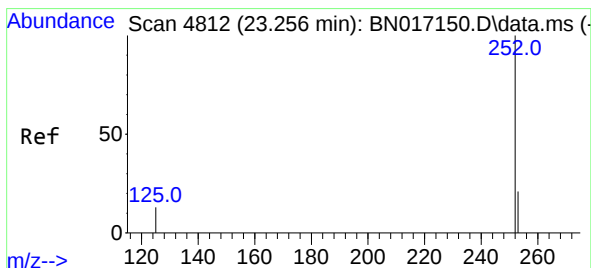
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Ion Ratio Lower Upper
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125 22.5 10.0 15.0#



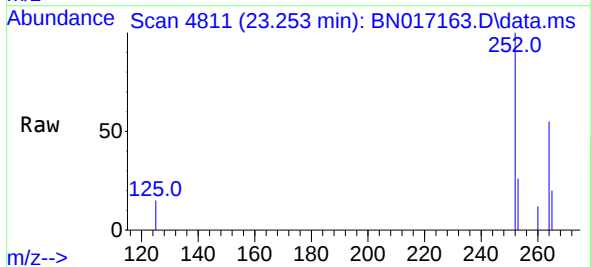
Instrument :
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ClientSampleId :
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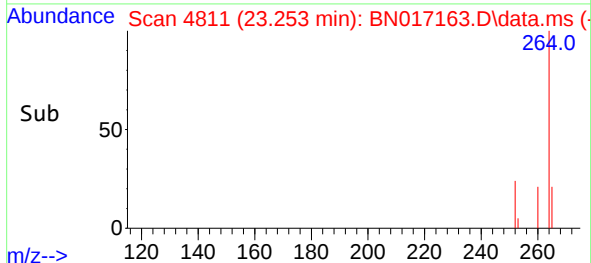
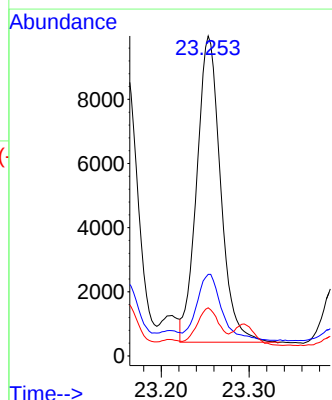
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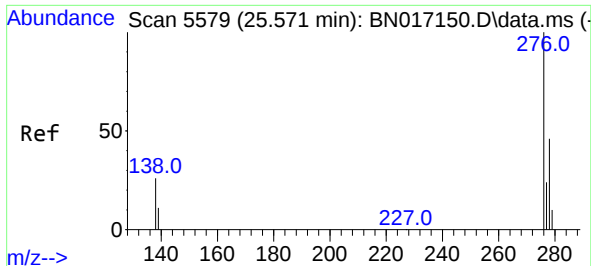


#26
Benzo(a)pyrene
Concen: 0.223 ng/ul
RT: 23.253 min Scan# 4811
Delta R.T. -0.003 min
Lab File: BN017163.D
Acq: 28 Oct 2021 19:36

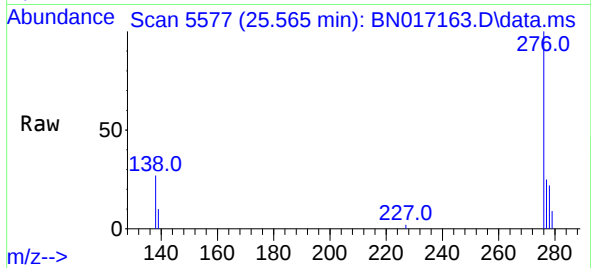


Tgt Ion:252 Resp: 17988
Ion Ratio Lower Upper
252 100
253 25.5 19.3 28.9
125 15.1 10.8 16.2

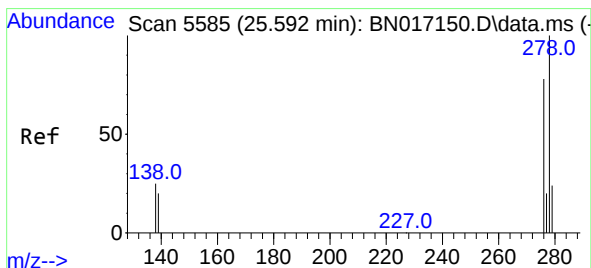
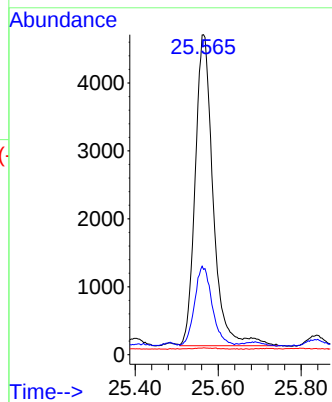
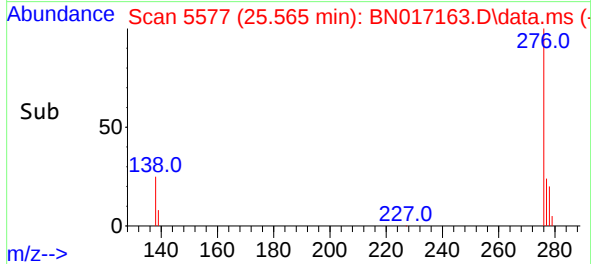




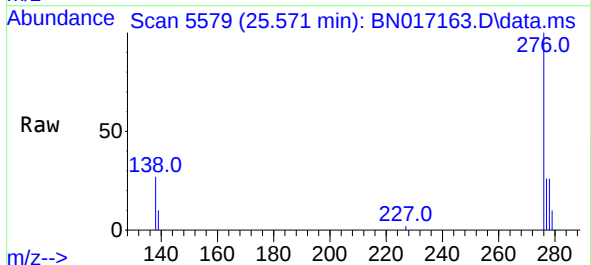
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.120 ng/ul
RT: 25.565 min Scan# 5577
Delta R.T. -0.007 min
Lab File: BN017163.D
Acq: 28 Oct 2021 19:36



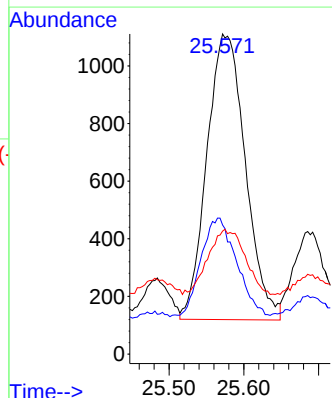
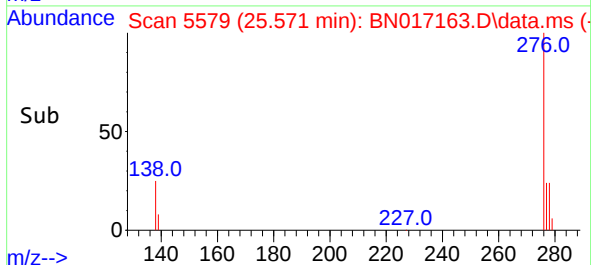
Tgt Ion: 276 Resp: 13713
Ion Ratio Lower Upper
276 100
138 25.0 22.2 33.4
227 0.2 0.0 0.0#



#28
Dibenzo(a,h)anthracene
Concen: 0.039 ng/ul
RT: 25.571 min Scan# 5579
Delta R.T. -0.020 min
Lab File: BN017163.D
Acq: 28 Oct 2021 19:36



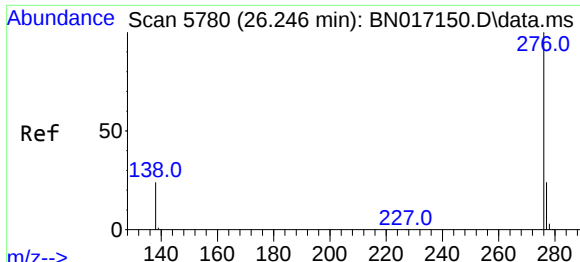
Tgt Ion: 278 Resp: 3555
Ion Ratio Lower Upper
278 100
139 40.3 15.4 23.0#
279 38.4 19.5 29.3#



Instrument :
BNA_N
ClientSampleId :
C0B26

Manual Integrations
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#29
 Benzo(g,h,i)perylene
 Concen: 0.136 ng/ul
 RT: 26.239 min Scan# 5778
 Delta R.T. -0.007 min
 Lab File: BN017163.D
 Acq: 28 Oct 2021 19:36

Tgt Ion:	276	Resp:	13189
Ion Ratio	Lower	Upper	
276	100		
138	27.0	19.2	28.8
277	25.0	19.0	28.6

Instrument :
 BNA_N
 ClientSampleId :
 C0B26

Manual Integrations
 APPROVED

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