

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102721\
 Data File : BN017160.D
 Acq On : 28 Oct 2021 17:47
 Operator : CG/JU
 Sample : M4205-18
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0B31

Manual Integrations
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Quant Time: Oct 28 18:16:42 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	4403	0.400	ng/ul	0.00
4) Naphthalene-d8	10.300	136	17767	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.180	164	11036	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.936	188	24643	0.400	ng/ul	0.00
17) Chrysene-d12	21.151	240	25057	0.400	ng/ul	0.00
23) Perylene-d12	23.351	264	25106	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.055	96	3054	0.624	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.906	152	4657	0.179	ng/ul	0.00
18) Fluoranthene-d10	18.976	212	13015	0.198	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.350	128	3751	0.076	ng/ul#	94
7) 2-Methylnaphthalene	11.978	142	2598	0.076	ng/ul	100
8) 1-Methylnaphthalene	12.203	142	2200	0.063	ng/ul	100
10) Acenaphthylene	13.898	152	2349	0.054	ng/ul#	92
12) Fluorene	15.239	166	985	0.022	ng/ul#	90
15) Phenanthrene	16.978	178	22396	0.286	ng/ul	100
16) Anthracene	17.067	178	4300	0.066	ng/ul	96
19) Fluoranthene	19.004	202	48847	0.545	ng/ul	99
20) Pyrene	19.371	202	43518	0.473	ng/ul	99
21) Benzo(a)anthracene	21.133	228	23697	0.289	ng/ul	98
22) Chrysene	21.186	228	26905	0.289	ng/ul	98
24) Benzo(b)fluoranthene	22.693	252	34829m	0.372	ng/ul	
25) Benzo(k)fluoranthene	22.731	252	14177m	0.134	ng/ul	
26) Benzo(a)pyrene	23.255	252	22737	0.271	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	25.566	276	16622	0.140	ng/ul#	94
28) Dibenzo(a,h)anthracene	25.576	278	4232	0.045	ng/ul#	72
29) Benzo(g,h,i)perylene	26.244	276	13931	0.138	ng/ul	97

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

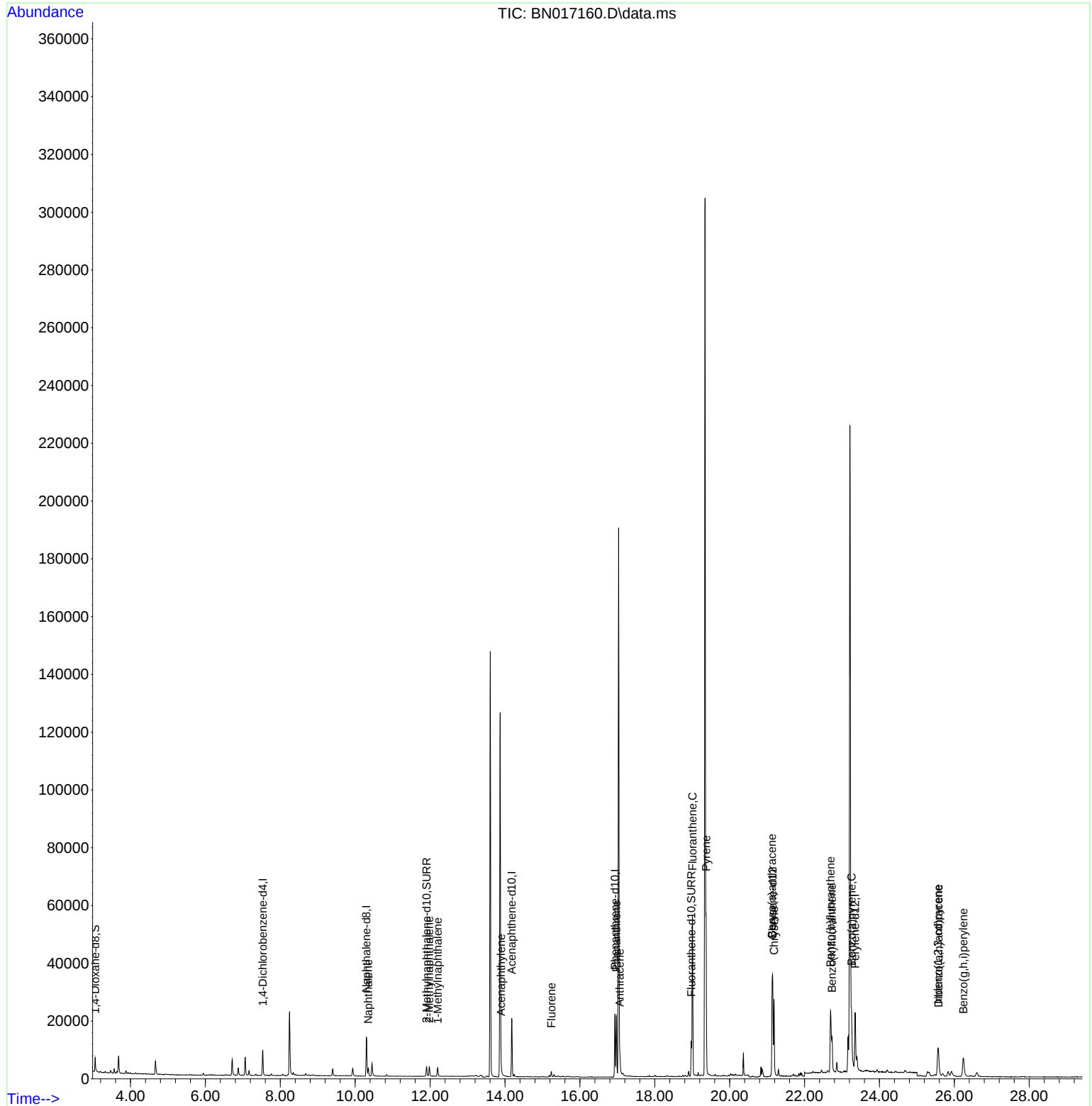
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102721\
Data File : BN017160.D
Acq On : 28 Oct 2021 17:47
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ALS Vial : 33 Sample Multiplier: 1

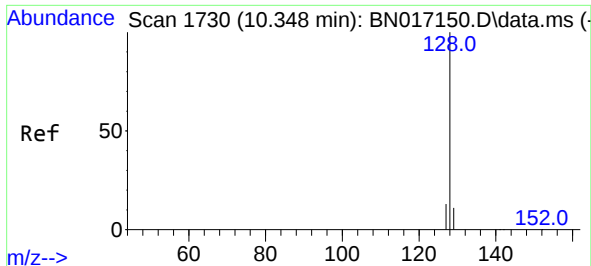
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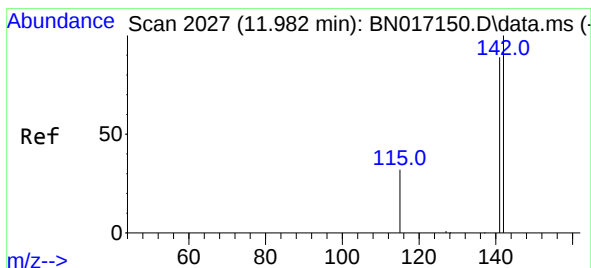
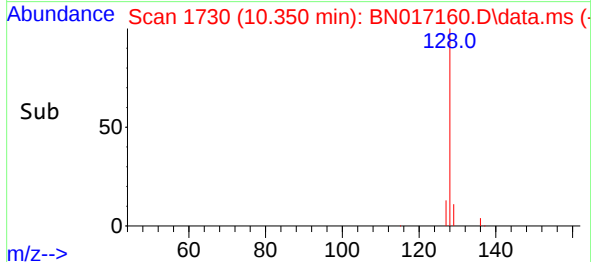
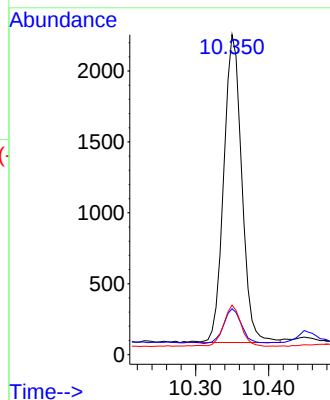
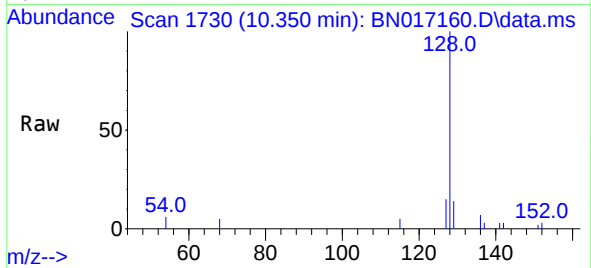
#5
Naphthalene
Concen: 0.076 ng/ul
RT: 10.350 min Scan# 1730
Delta R.T. 0.001 min
Lab File: BN017160.D
Acq: 28 Oct 2021 17:47

Tgt Ion:128 Resp: 3751
Ion Ratio Lower Upper
128 100
129 14.3 9.2 13.8#
127 15.5 10.8 16.2

Instrument :
BNA_N
ClientSampled :
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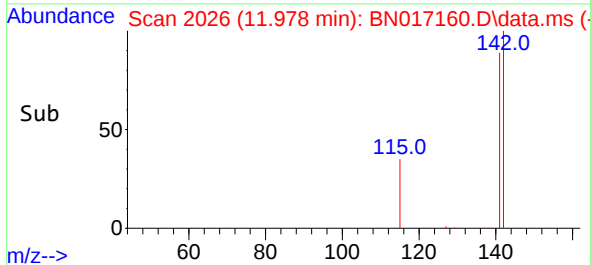
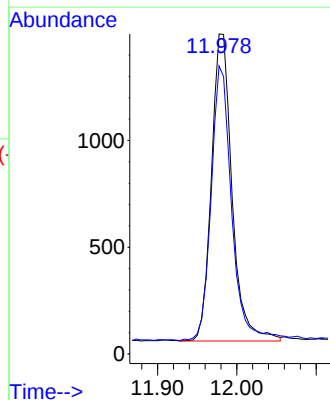
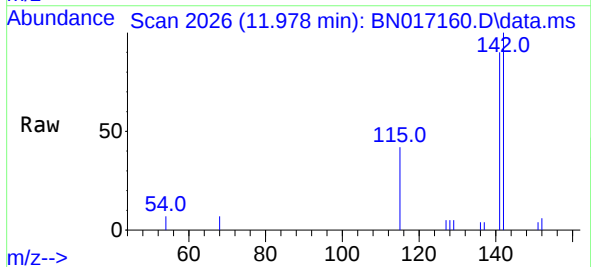
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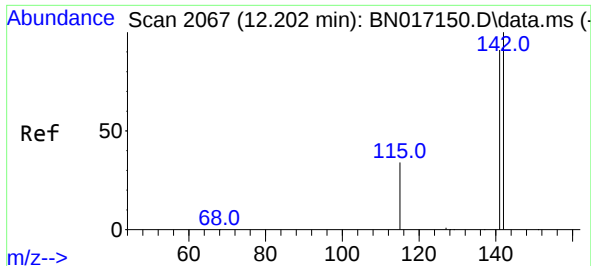
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#7
2-Methylnaphthalene
Concen: 0.076 ng/ul
RT: 11.978 min Scan# 2026
Delta R.T. -0.004 min
Lab File: BN017160.D
Acq: 28 Oct 2021 17:47

Tgt Ion:142 Resp: 2598
Ion Ratio Lower Upper
142 100
141 88.6 71.0 106.4





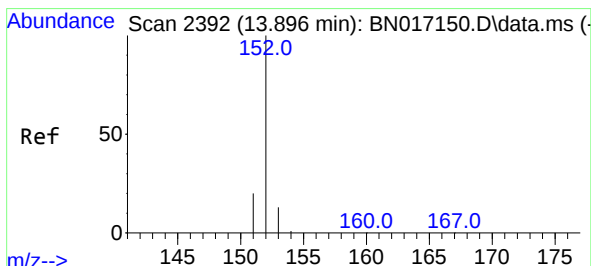
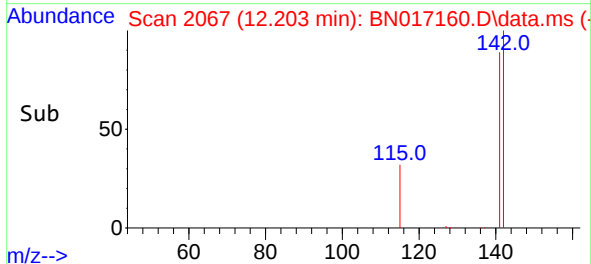
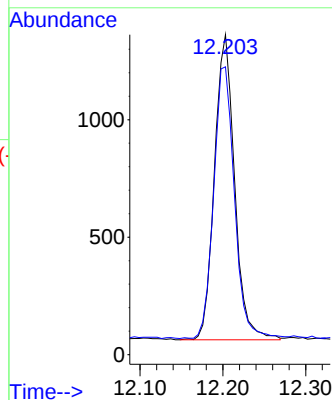
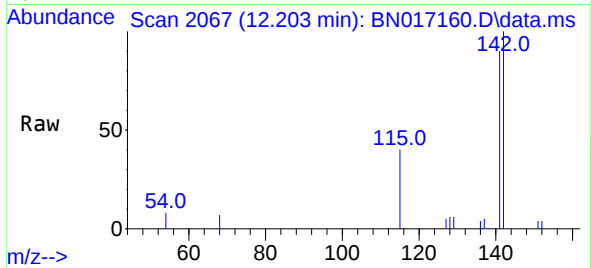
#8
1-Methylnaphthalene
Concen: 0.063 ng/ul
RT: 12.203 min Scan# 2067
Delta R.T. 0.001 min
Lab File: BN017160.D
Acq: 28 Oct 2021 17:47

Tgt Ion:142 Resp: 2200
Ion Ratio Lower Upper
142 100
141 91.9 73.8 110.8

Instrument :
BNA_N
ClientSampled :
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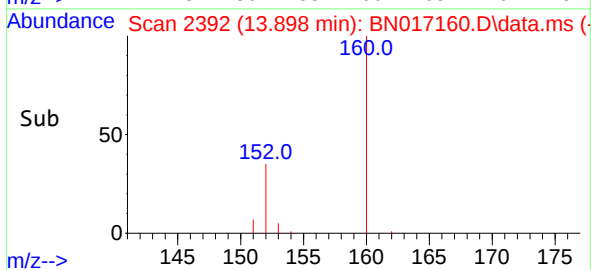
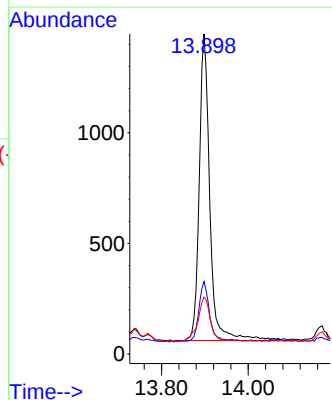
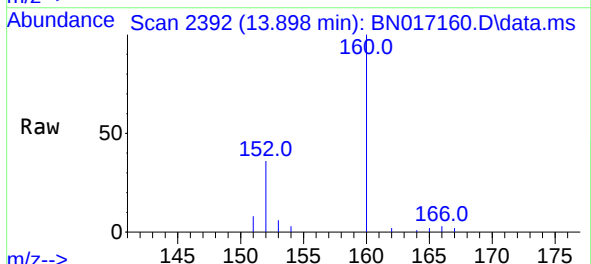
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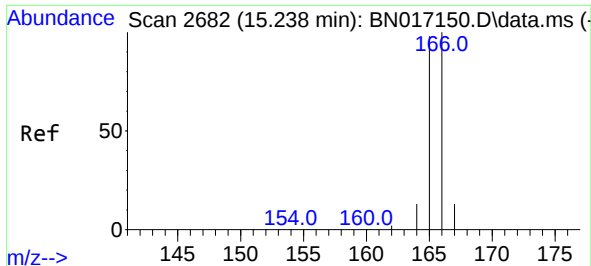
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#10
Acenaphthylene
Concen: 0.054 ng/ul
RT: 13.898 min Scan# 2392
Delta R.T. 0.001 min
Lab File: BN017160.D
Acq: 28 Oct 2021 17:47

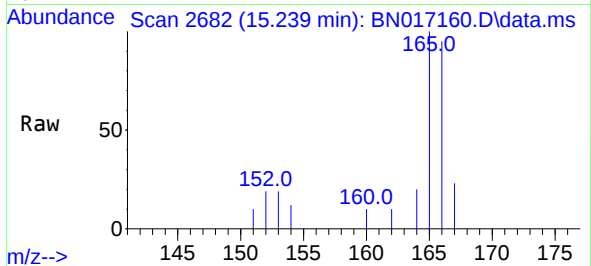
Tgt Ion:152 Resp: 2349
Ion Ratio Lower Upper
152 100
151 22.7 16.0 24.0
153 17.8 10.8 16.2#





#12
Fluorene
Concen: 0.022 ng/u1
RT: 15.239 min Scan# 2682
Delta R.T. 0.001 min
Lab File: BN017160.D
Acq: 28 Oct 2021 17:47

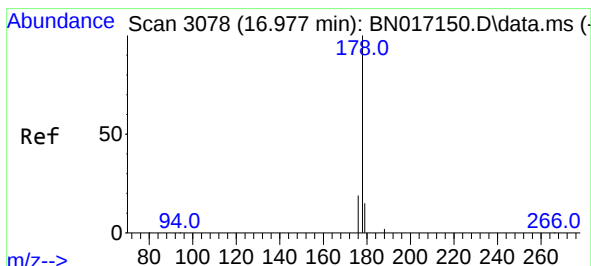
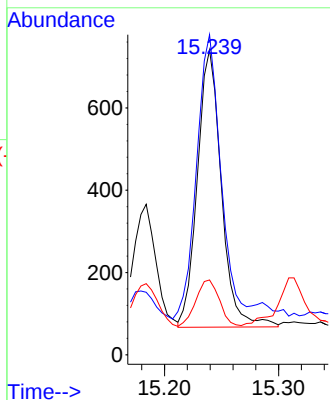
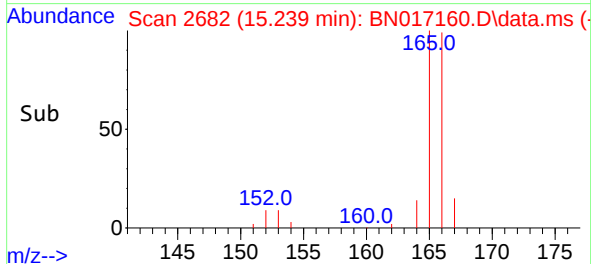
Instrument :
BNA_N
ClientSampled :
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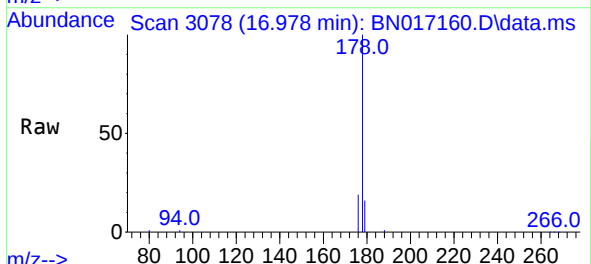
Tgt Ion:166 Resp: 985
Ion Ratio Lower Upper
166 100
165 105.0 77.7 116.5
167 24.6 11.1 16.7#

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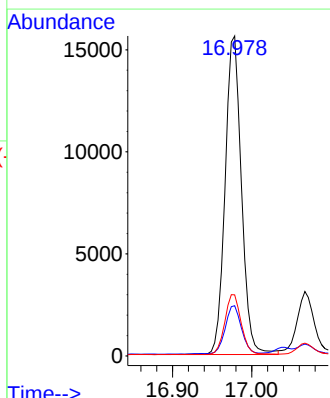
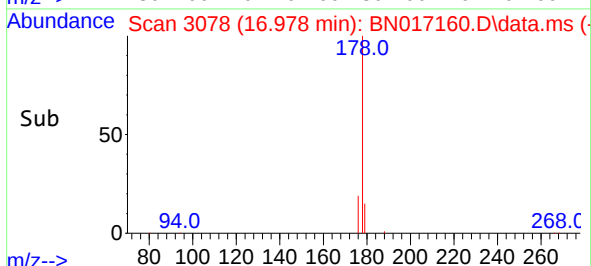
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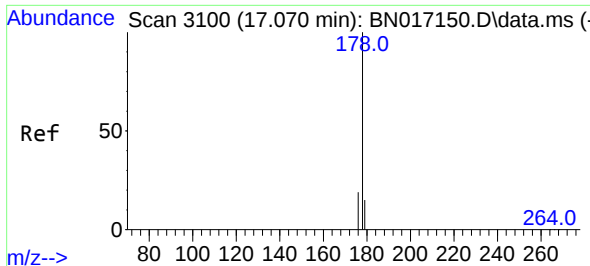


#15
Phenanthrene
Concen: 0.286 ng/u1
RT: 16.978 min Scan# 3078
Delta R.T. 0.001 min
Lab File: BN017160.D
Acq: 28 Oct 2021 17:47



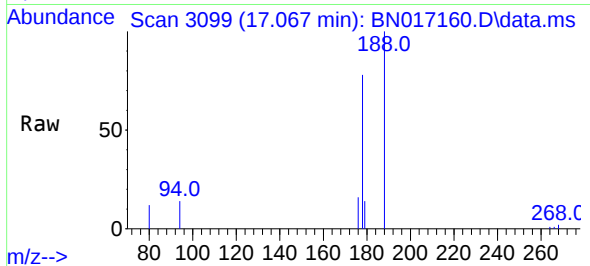
Tgt Ion:178 Resp: 22396
Ion Ratio Lower Upper
178 100
179 15.7 12.6 19.0
176 19.1 15.5 23.3





#16
 Anthracene
 Concen: 0.066 ng/ul
 RT: 17.067 min Scan# 3099
 Delta R.T. -0.003 min
 Lab File: BN017160.D
 Acq: 28 Oct 2021 17:47

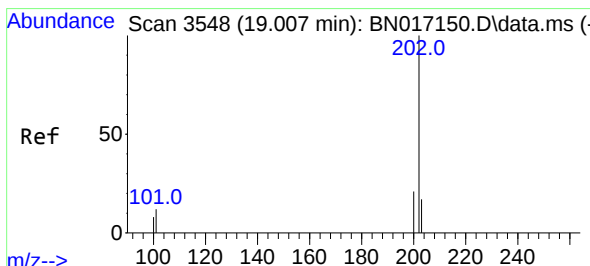
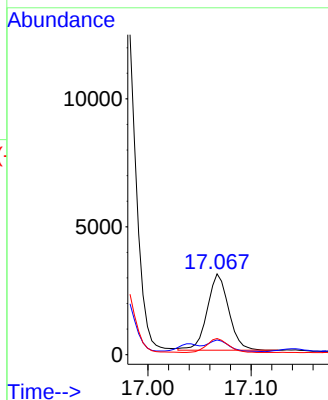
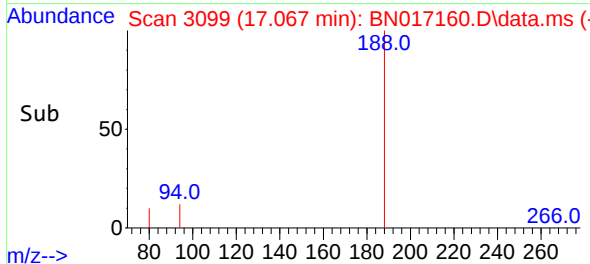
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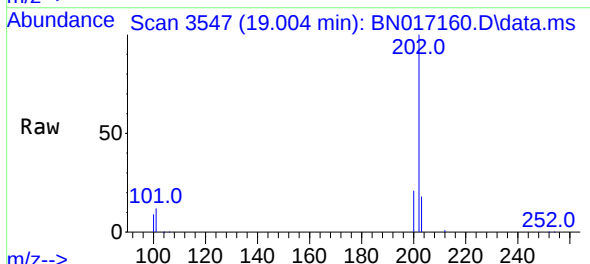
Tgt Ion:	178	Resp:	4300
Ion	Ratio	Lower	Upper
178	100		
179	18.3	12.6	19.0
176	19.9	15.2	22.8

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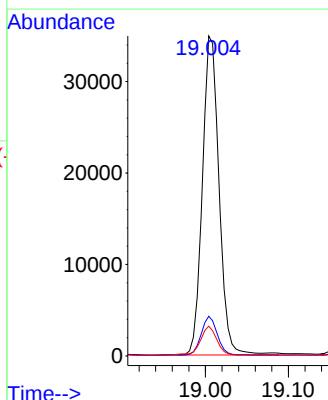
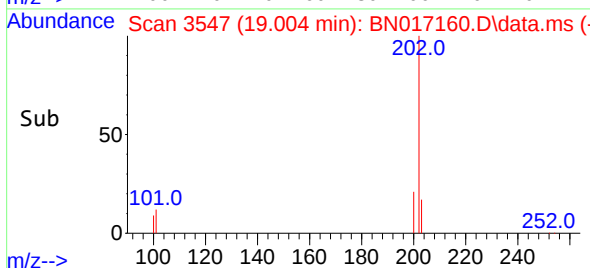
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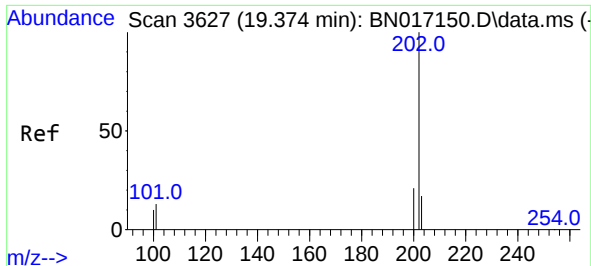


#19
 Fluoranthene
 Concen: 0.545 ng/ul
 RT: 19.004 min Scan# 3547
 Delta R.T. -0.003 min
 Lab File: BN017160.D
 Acq: 28 Oct 2021 17:47



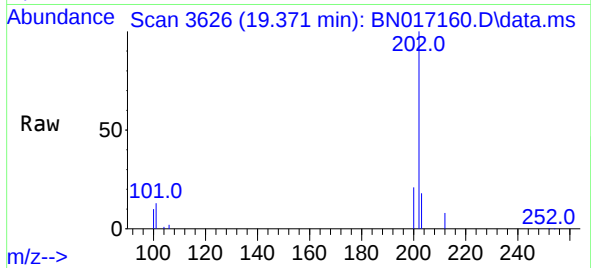
Tgt Ion:	202	Resp:	48847
Ion	Ratio	Lower	Upper
202	100		
101	12.4	9.7	14.5
100	9.3	7.2	10.8





#20
Pyrene
Concen: 0.473 ng/ul
RT: 19.371 min Scan# 3626
Delta R.T. -0.003 min
Lab File: BN017160.D
Acq: 28 Oct 2021 17:47

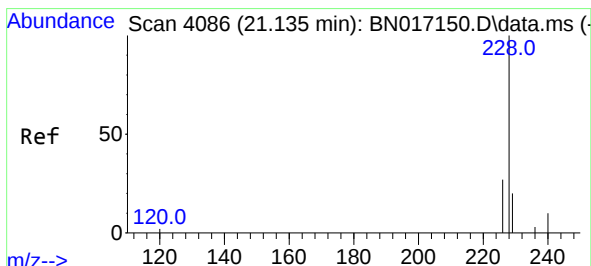
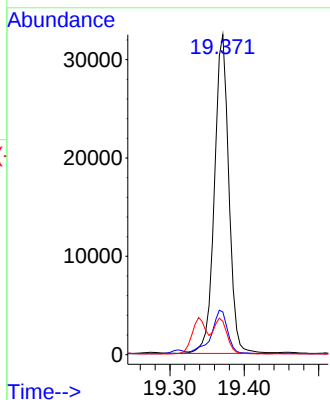
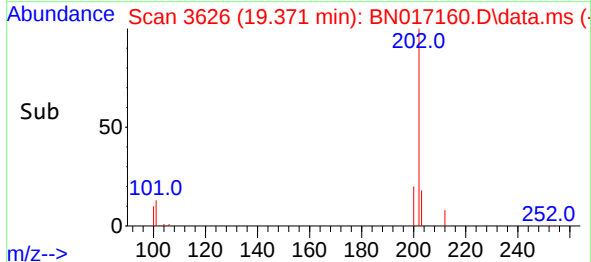
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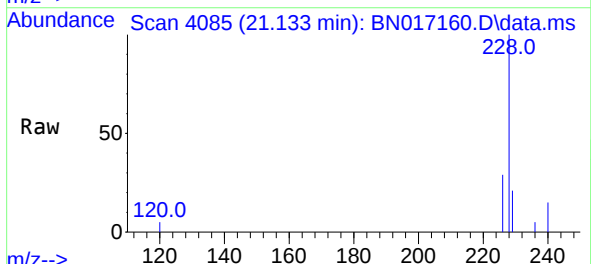
Tgt Ion:202 Resp: 43518
Ion Ratio Lower Upper
202 100
101 13.4 10.3 15.5
100 10.4 8.2 12.2

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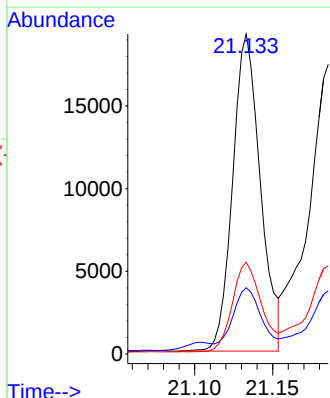
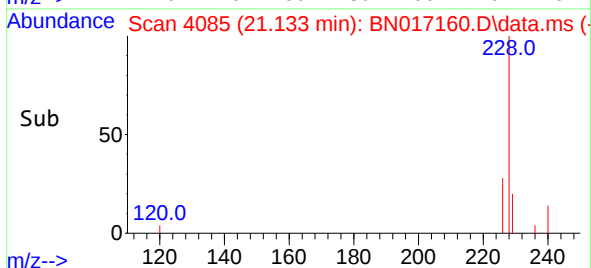
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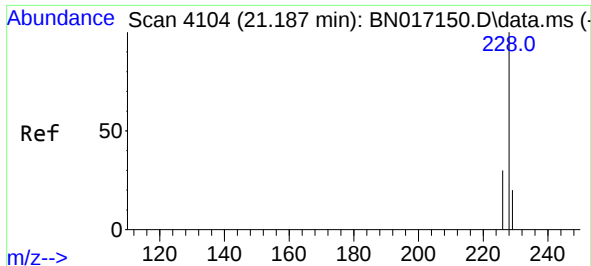


#21
Benzo(a)anthracene
Concen: 0.289 ng/ul
RT: 21.133 min Scan# 4085
Delta R.T. -0.002 min
Lab File: BN017160.D
Acq: 28 Oct 2021 17:47

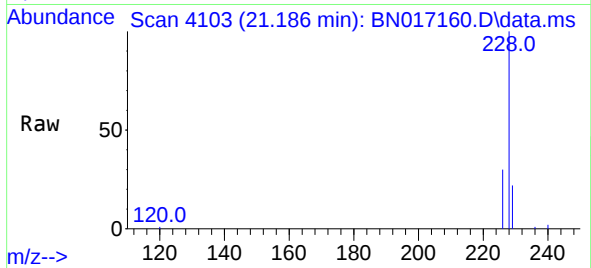


Tgt Ion:228 Resp: 23697
Ion Ratio Lower Upper
228 100
229 20.7 16.1 24.1
226 28.7 21.7 32.5

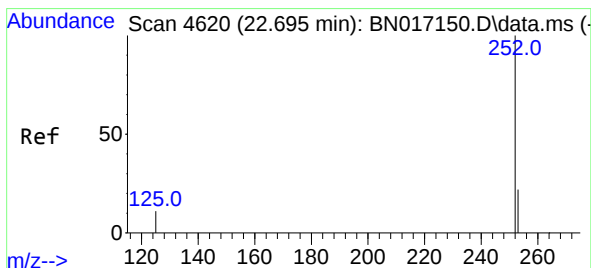
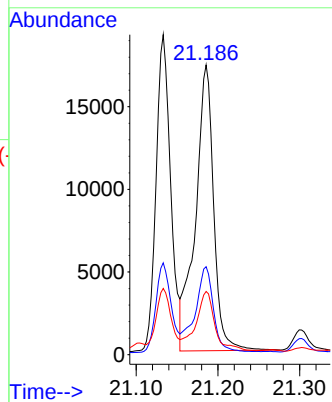
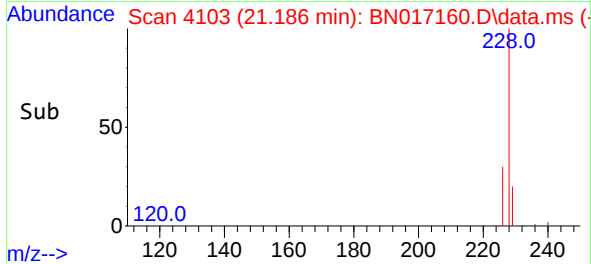




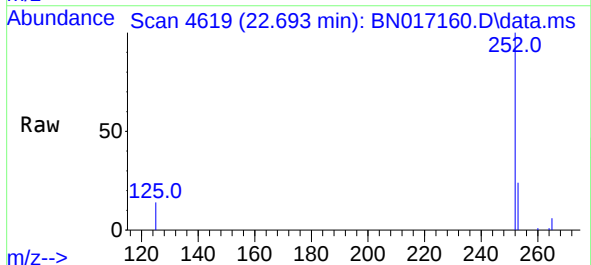
#22
Chrysene
Concen: 0.289 ng/ul
RT: 21.186 min Scan# 4103
Delta R.T. -0.002 min
Lab File: BN017160.D
Acq: 28 Oct 2021 17:47



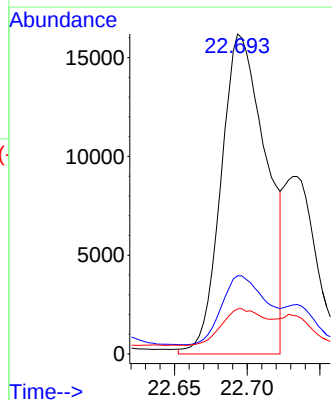
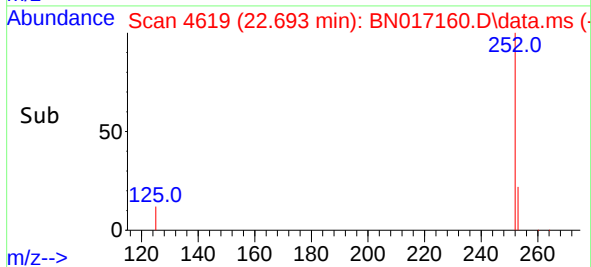
Tgt Ion:228 Resp: 26905
Ion Ratio Lower Upper
228 100
226 30.4 24.1 36.1
229 21.8 15.4 23.2



#24
Benzo(b)fluoranthene
Concen: 0.372 ng/ul m
RT: 22.693 min Scan# 4619
Delta R.T. -0.002 min
Lab File: BN017160.D
Acq: 28 Oct 2021 17:47



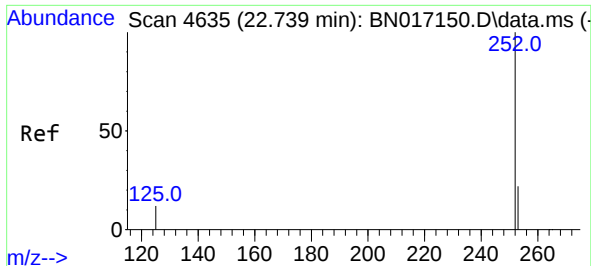
Tgt Ion:252 Resp: 34829
Ion Ratio Lower Upper
252 100
253 24.4 0.0 46.8
125 14.1 0.0 23.8



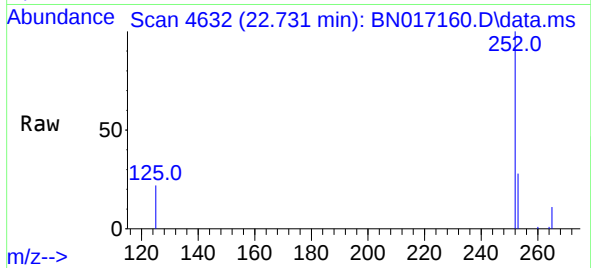
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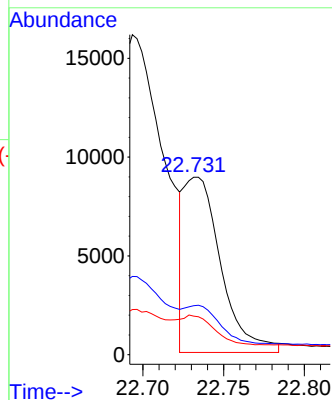
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#25
Benzo(k)fluoranthene
Concen: 0.134 ng/ul m
RT: 22.731 min Scan# 4632
Delta R.T. -0.007 min
Lab File: BN017160.D
Acq: 28 Oct 2021 17:47



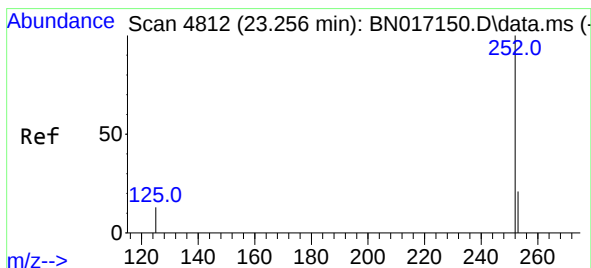
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Ion Ratio Lower Upper
252 100
253 27.6 18.3 27.5#
125 21.8 10.0 15.0#



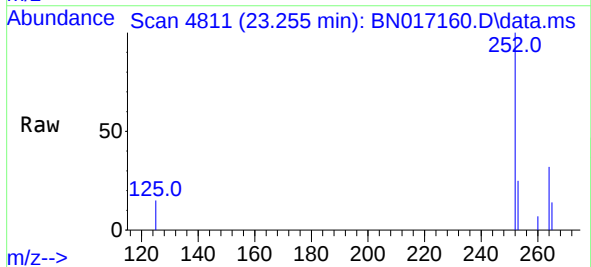
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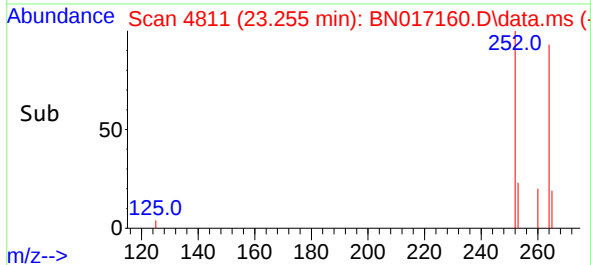
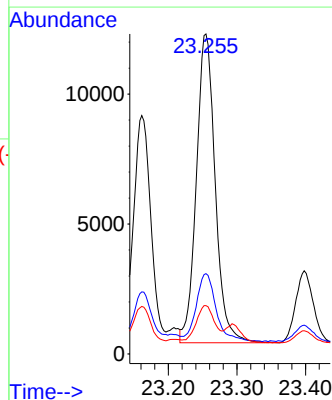
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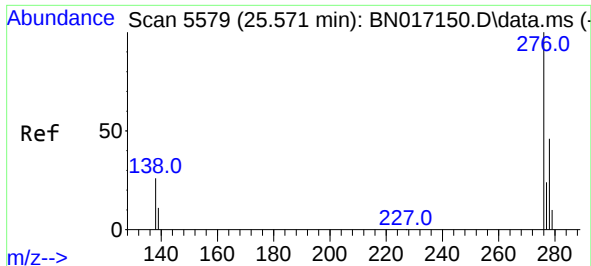


#26
Benzo(a)pyrene
Concen: 0.271 ng/ul
RT: 23.255 min Scan# 4811
Delta R.T. -0.002 min
Lab File: BN017160.D
Acq: 28 Oct 2021 17:47

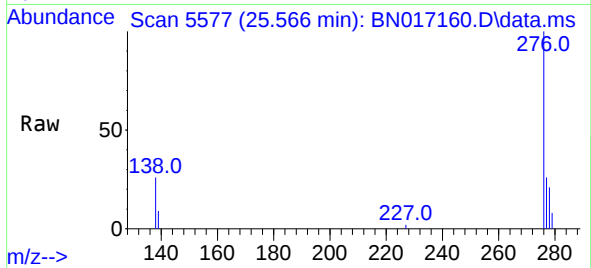


Tgt Ion:252 Resp: 22737
Ion Ratio Lower Upper
252 100
253 25.1 19.3 28.9
125 15.1 10.8 16.2

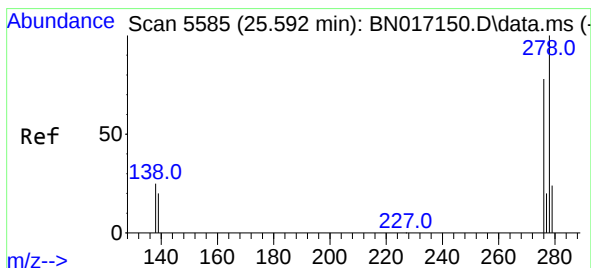
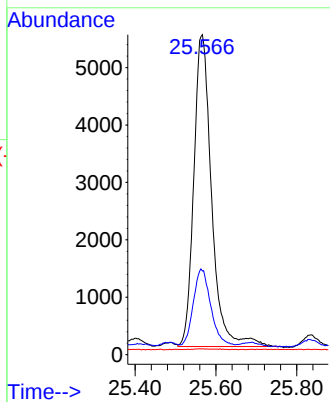
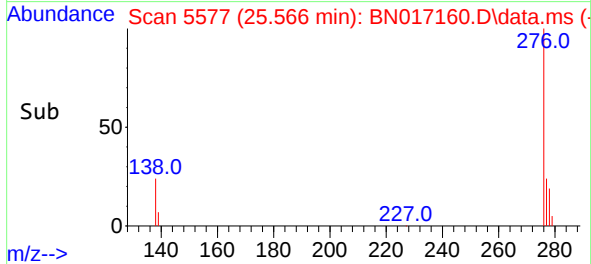




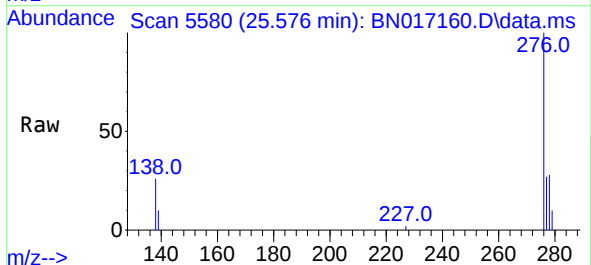
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.140 ng/ul
RT: 25.566 min Scan# 5577
Delta R.T. -0.005 min
Lab File: BN017160.D
Acq: 28 Oct 2021 17:47



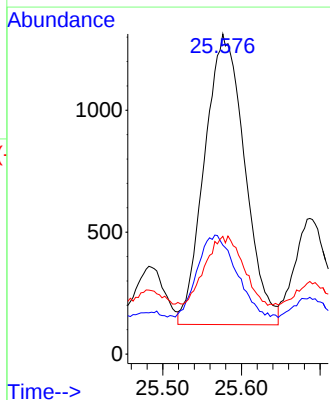
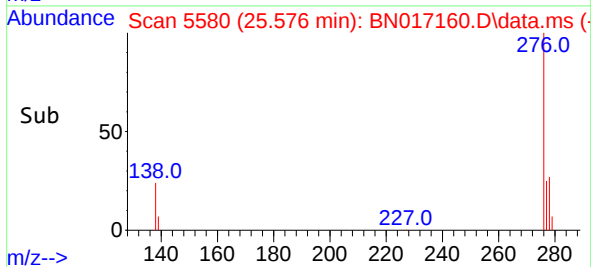
Tgt Ion:276 Resp: 16622
Ion Ratio Lower Upper
276 100
138 24.4 22.2 33.4
227 0.2 0.0 0.0#



#28
Dibenzo(a,h)anthracene
Concen: 0.045 ng/ul
RT: 25.576 min Scan# 5580
Delta R.T. -0.015 min
Lab File: BN017160.D
Acq: 28 Oct 2021 17:47



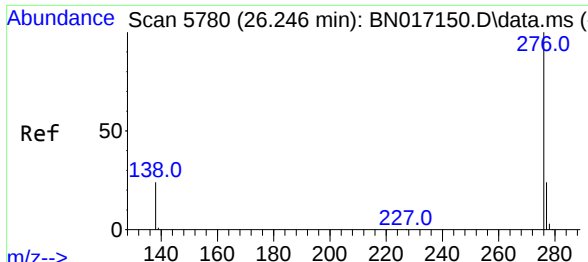
Tgt Ion:278 Resp: 4232
Ion Ratio Lower Upper
278 100
139 34.0 15.4 23.0#
279 36.8 19.5 29.3#



Instrument :
BNA_N
ClientSampled :
C0B31

Manual Integrations
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#29
 Benzo(g,h,i)perylene
 Concen: 0.138 ng/ul
 RT: 26.244 min Scan# 5779
 Delta R.T. -0.002 min
 Lab File: BN017160.D
 Acq: 28 Oct 2021 17:47

Tgt Ion:	276	Resp:	13931
Ion Ratio	Lower	Upper	
276	100		
138	25.9	19.2	28.8
277	25.1	19.0	28.6

Instrument :
 BNA_N
 ClientSampleId :
 C0B31

Manual Integrations
 APPROVED

mohammad
 10/29/2021 2:24:12 PM

