

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102721\
 Data File : BN017165.D
 Acq On : 28 Oct 2021 20:48
 Operator : CG/JU
 Sample : M4205-11
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0B36

Manual Integrations
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Quant Time: Oct 29 02:50:41 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	5444	0.400	ng/ul	0.00
4) Naphthalene-d8	10.300	136	21483	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.180	164	12948	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.936	188	28830	0.400	ng/ul	0.00
17) Chrysene-d12	21.148	240	28609	0.400	ng/ul	0.00
23) Perylene-d12	23.348	264	26995	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.059	96	2528	0.418	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.906	152	5364	0.171	ng/ul	0.00
18) Fluoranthene-d10	18.976	212	14871	0.198	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.350	128	3736	0.063	ng/ul#	96
7) 2-Methylnaphthalene	11.978	142	2930	0.071	ng/ul	100
8) 1-Methylnaphthalene	12.203	142	2666	0.063	ng/ul	100
10) Acenaphthylene	13.898	152	3599	0.070	ng/ul#	94
11) Acenaphthene	14.245	153	1585	0.035	ng/ul	98
12) Fluorene	15.240	166	3032	0.058	ng/ul#	97
15) Phenanthrene	16.974	178	69698	0.762	ng/ul	99
16) Anthracene	17.067	178	12775	0.168	ng/ul	99
19) Fluoranthene	19.004	202	127434	1.245	ng/ul	100
20) Pyrene	19.367	202	115480	1.100	ng/ul	96
21) Benzo(a)anthracene	21.130	228	56863	0.607	ng/ul	99
22) Chrysene	21.183	228	68902	0.649	ng/ul	98
24) Benzo(b)fluoranthene	22.691	252	77493m	0.770	ng/ul	
25) Benzo(k)fluoranthene	22.732	252	28787m	0.252	ng/ul	
26) Benzo(a)pyrene	23.252	252	48949	0.542	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	25.563	276	35774	0.279	ng/ul#	93
28) Dibenzo(a,h)anthracene	25.576	278	9386	0.093	ng/ul#	89
29) Benzo(g,h,i)perylene	26.237	276	31353	0.289	ng/ul	99

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

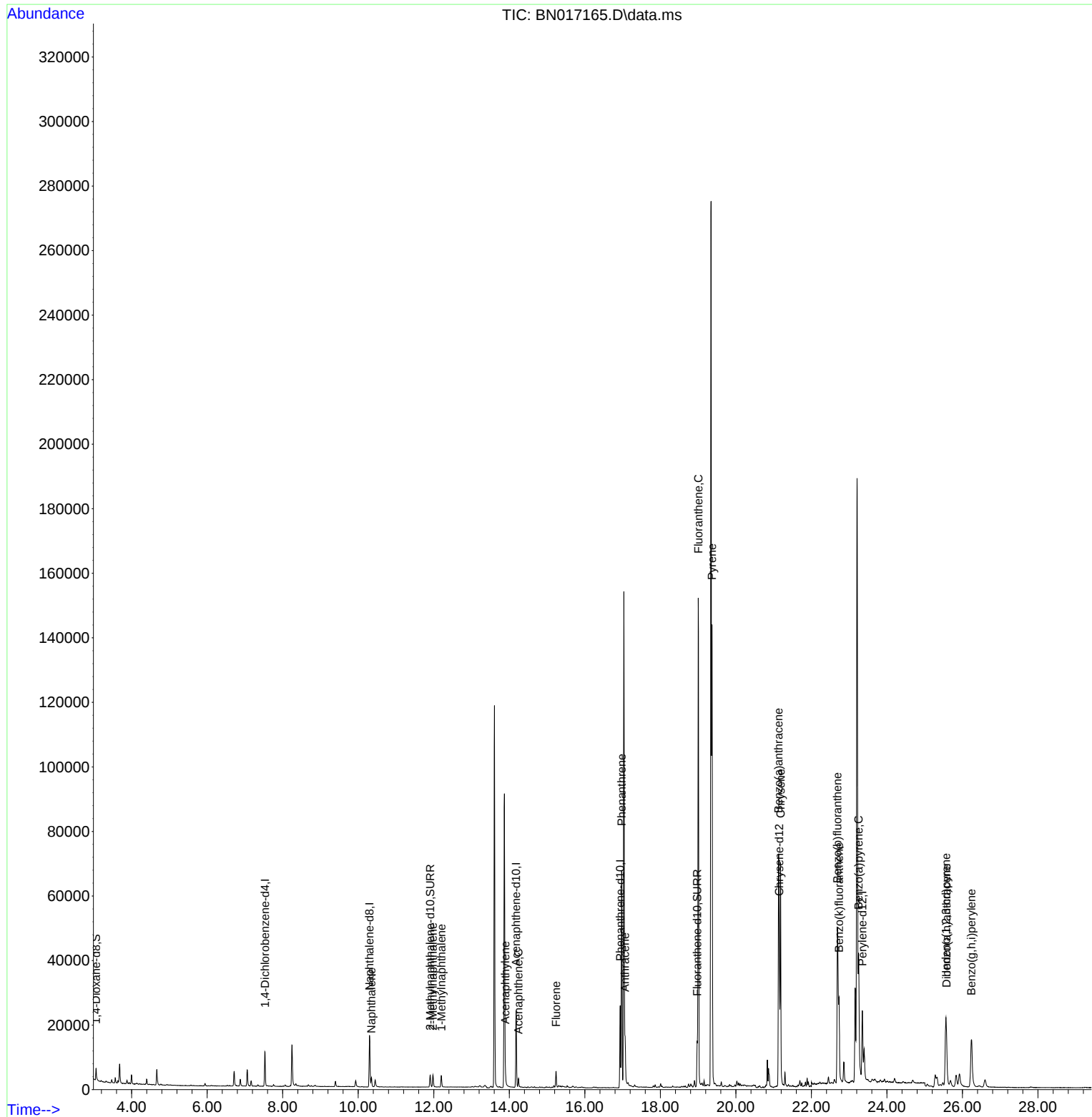
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Data File : BN017165.D
Acq On : 28 Oct 2021 20:48
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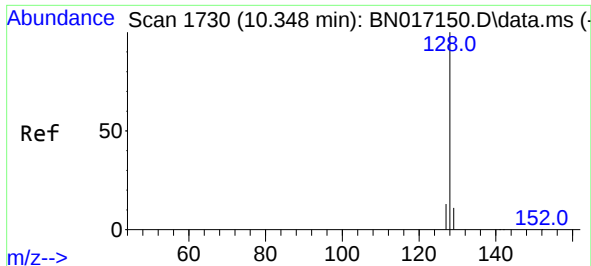
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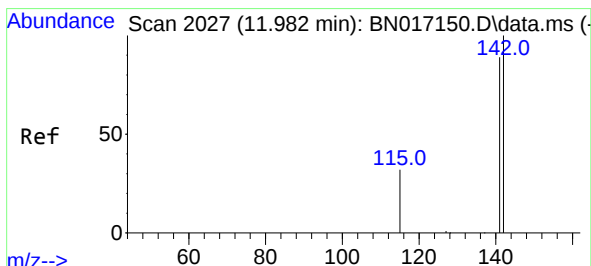
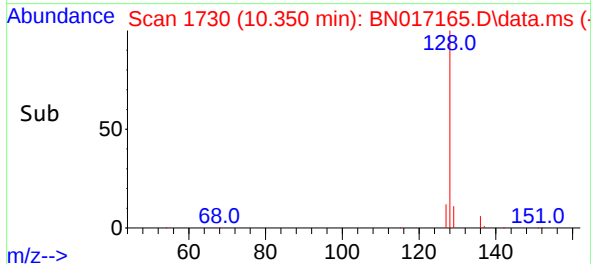
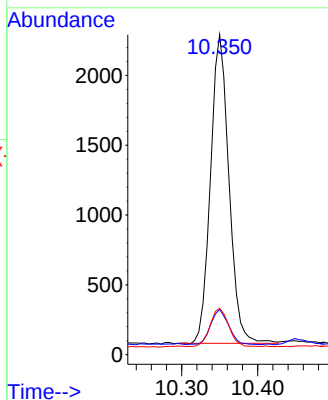
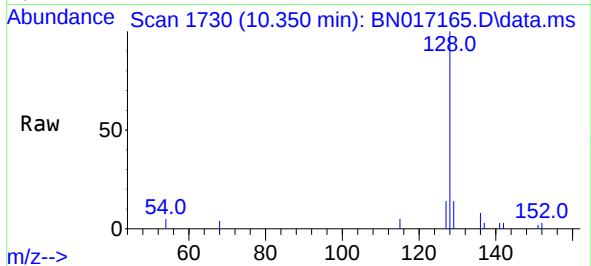
#5
Naphthalene
Concen: 0.063 ng/ul
RT: 10.350 min Scan# 1730
Delta R.T. 0.001 min
Lab File: BN017165.D
Acq: 28 Oct 2021 20:48

Tgt Ion:128 Resp: 3736
Ion Ratio Lower Upper
128 100
129 14.1 9.2 13.8#
127 14.5 10.8 16.2

Instrument :
BNA_N
ClientSampled :
C0B36

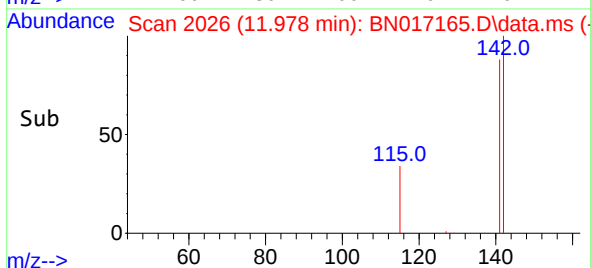
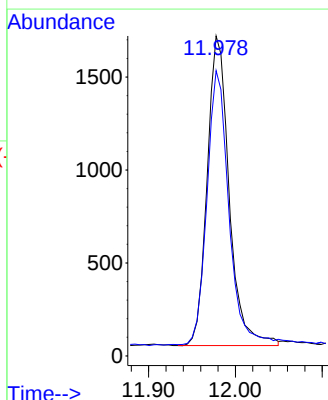
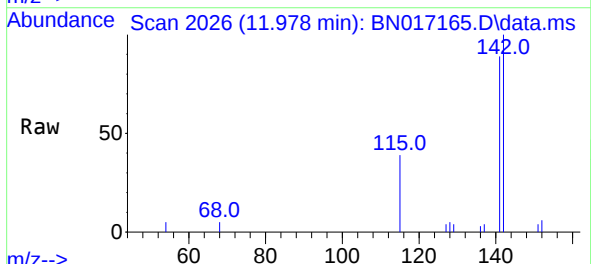
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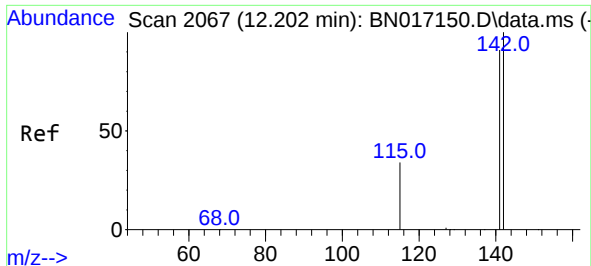
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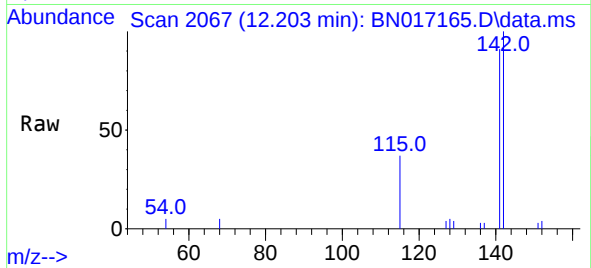
#7
2-Methylnaphthalene
Concen: 0.071 ng/ul
RT: 11.978 min Scan# 2026
Delta R.T. -0.004 min
Lab File: BN017165.D
Acq: 28 Oct 2021 20:48

Tgt Ion:142 Resp: 2930
Ion Ratio Lower Upper
142 100
141 89.0 71.0 106.4

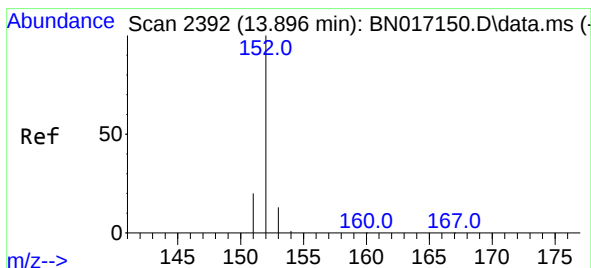
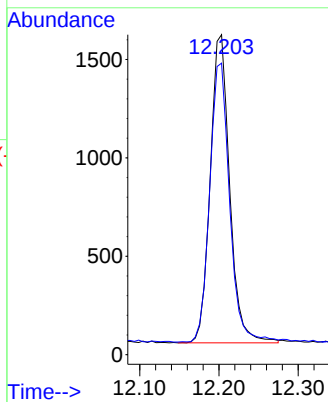
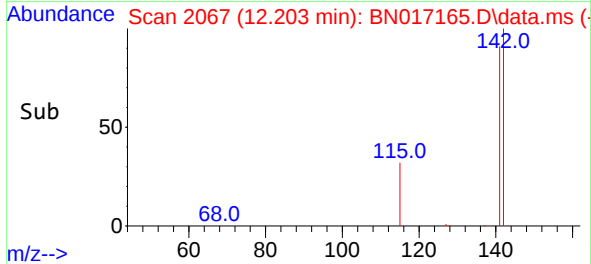




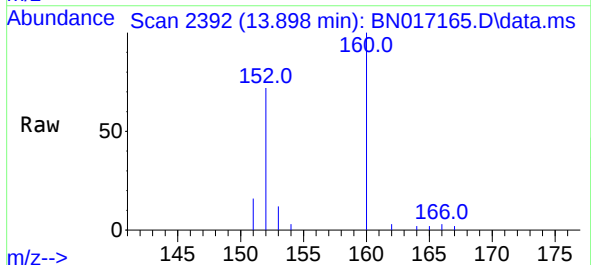
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1-Methylnaphthalene
Concen: 0.063 ng/ul
RT: 12.203 min Scan# 2067
Delta R.T. 0.001 min
Lab File: BN017165.D
Acq: 28 Oct 2021 20:48



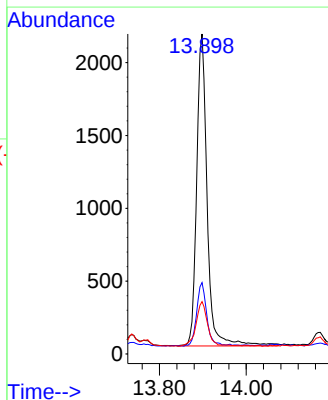
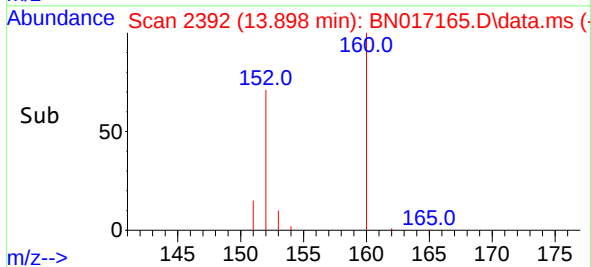
Tgt Ion:142 Resp: 2666
Ion Ratio Lower Upper
142 100
141 92.5 73.8 110.8



#10
Acenaphthylene
Concen: 0.070 ng/ul
RT: 13.898 min Scan# 2392
Delta R.T. 0.001 min
Lab File: BN017165.D
Acq: 28 Oct 2021 20:48



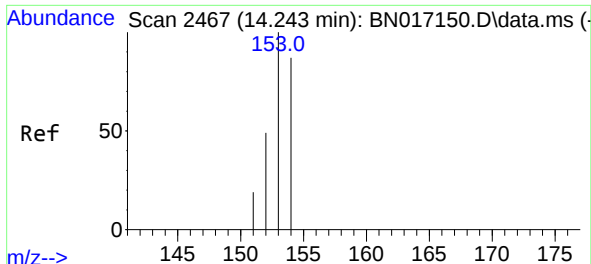
Tgt Ion:152 Resp: 3599
Ion Ratio Lower Upper
152 100
151 22.3 16.0 24.0
153 16.3 10.8 16.2#



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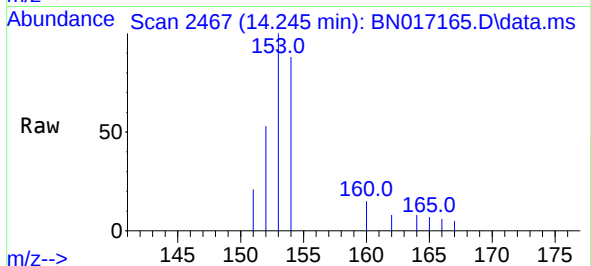
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#11
Acenaphthene
Concen: 0.035 ng/ul
RT: 14.245 min Scan# 2467
Delta R.T. 0.001 min
Lab File: BN017165.D
Acq: 28 Oct 2021 20:48

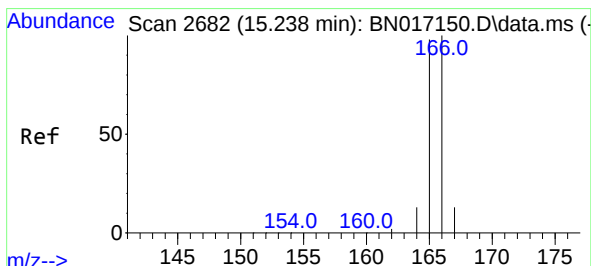
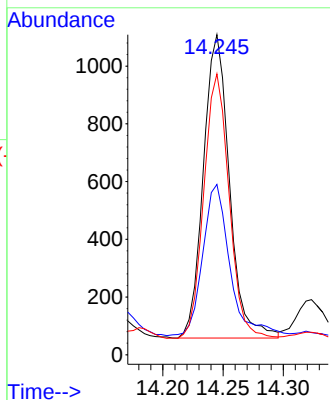
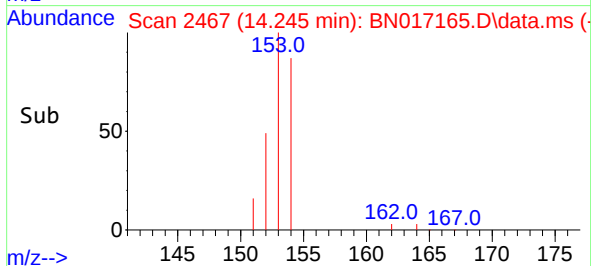
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BNA_N
ClientSampled :
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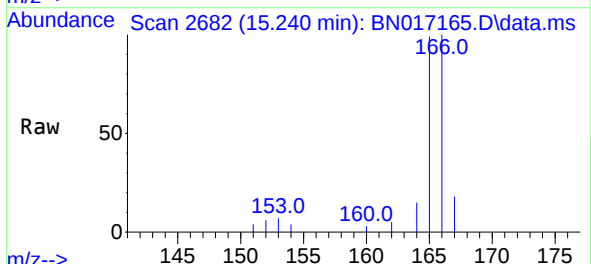
Tgt Ion:153 Resp: 1585
Ion Ratio Lower Upper
153 100
152 53.2 39.5 59.3
154 87.7 70.0 105.0

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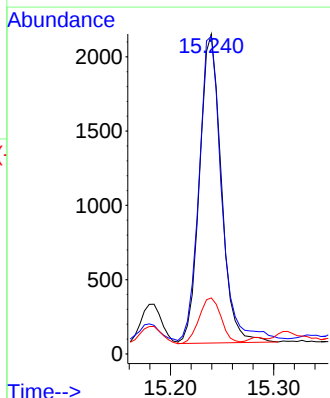
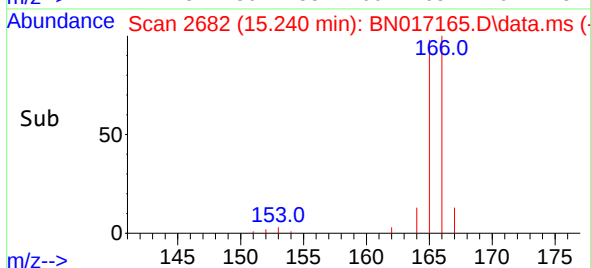
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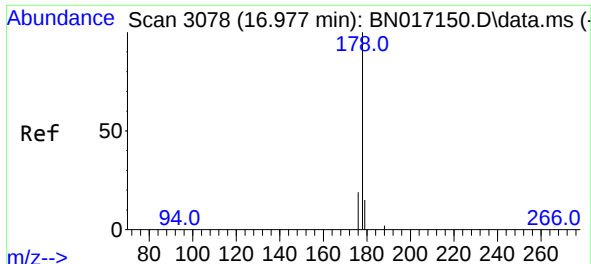


#12
Fluorene
Concen: 0.058 ng/ul
RT: 15.240 min Scan# 2682
Delta R.T. 0.001 min
Lab File: BN017165.D
Acq: 28 Oct 2021 20:48



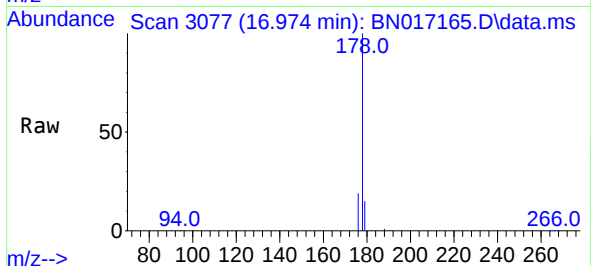
Tgt Ion:166 Resp: 3032
Ion Ratio Lower Upper
166 100
165 99.3 77.7 116.5
167 17.5 11.1 16.7#





#15
Phenanthrene
Concen: 0.762 ng/ul
RT: 16.974 min Scan# 3077
Delta R.T. -0.003 min
Lab File: BN017165.D
Acq: 28 Oct 2021 20:48

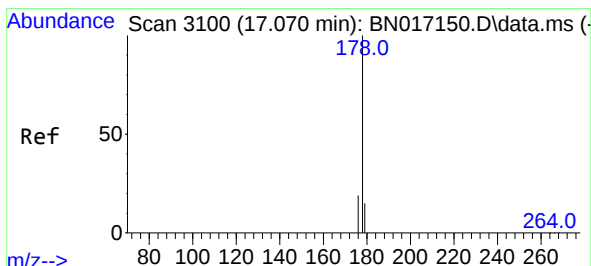
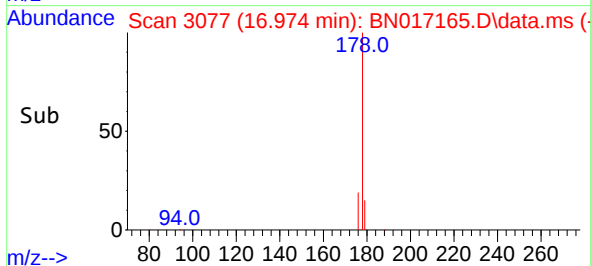
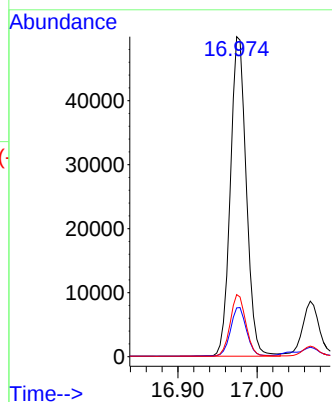
Instrument :
BNA_N
ClientSampleId :
C0B36



Tgt Ion:178 Resp: 69698
Ion Ratio Lower Upper
178 100
179 15.2 12.6 19.0
176 19.4 15.5 23.3

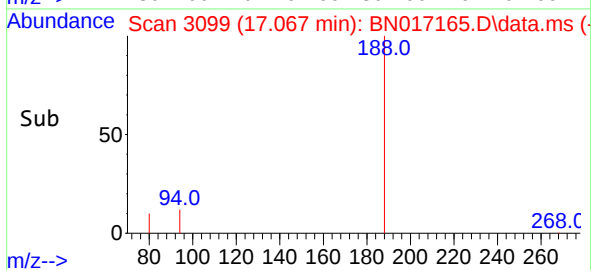
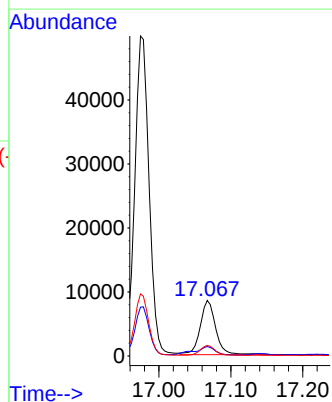
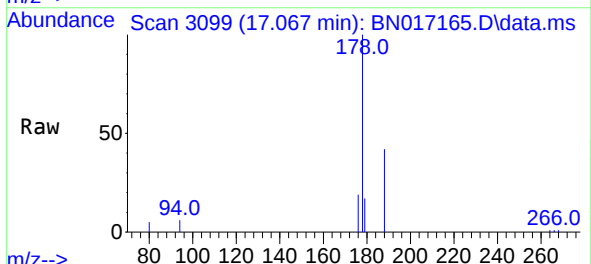
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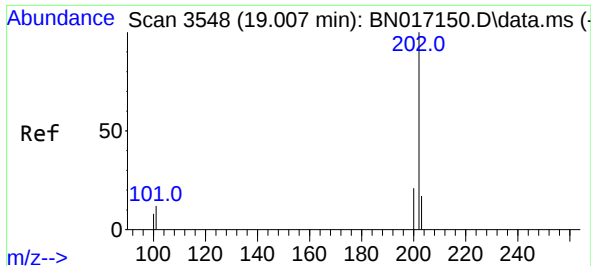
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#16
Anthracene
Concen: 0.168 ng/ul
RT: 17.067 min Scan# 3099
Delta R.T. -0.003 min
Lab File: BN017165.D
Acq: 28 Oct 2021 20:48

Tgt Ion:178 Resp: 12775
Ion Ratio Lower Upper
178 100
179 17.0 12.6 19.0
176 18.9 15.2 22.8





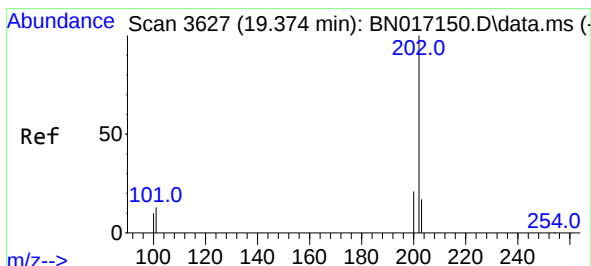
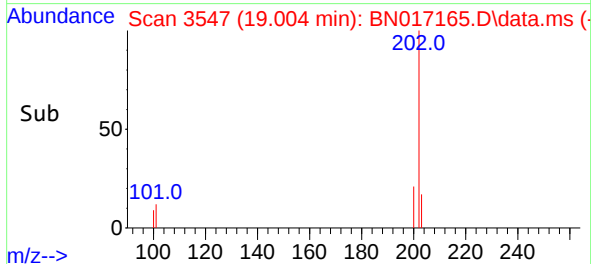
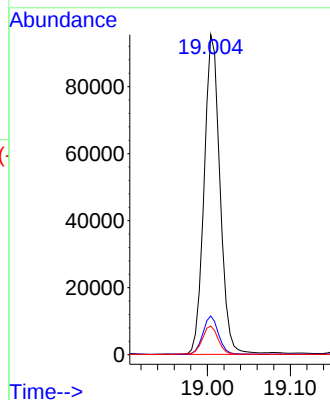
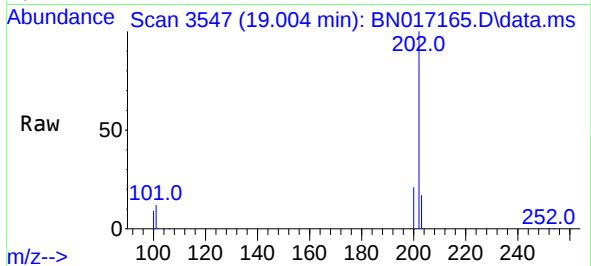
#19
Fluoranthene
Concen: 1.245 ng/ul
RT: 19.004 min Scan# 3547
Delta R.T. -0.003 min
Lab File: BN017165.D
Acq: 28 Oct 2021 20:48

Tgt Ion:202 Resp: 127434
Ion Ratio Lower Upper
202 100
101 12.1 9.7 14.5
100 9.0 7.2 10.8

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C0B36

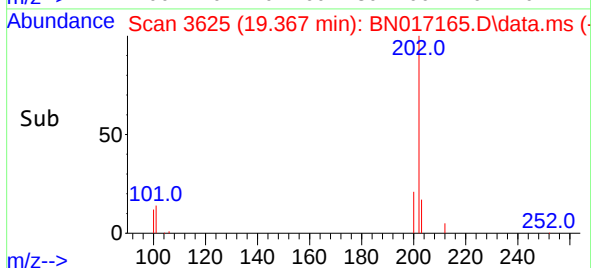
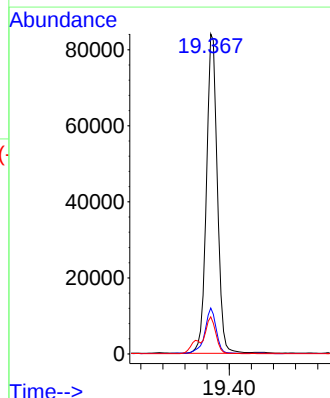
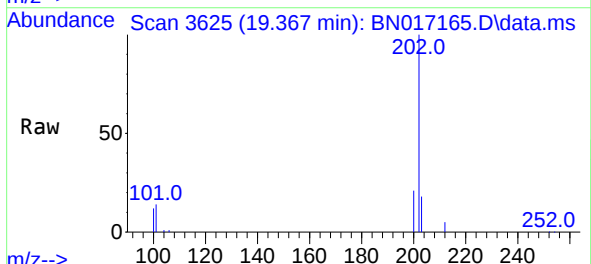
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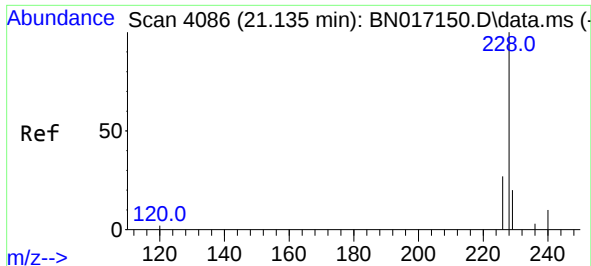
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#20
Pyrene
Concen: 1.100 ng/ul
RT: 19.367 min Scan# 3625
Delta R.T. -0.008 min
Lab File: BN017165.D
Acq: 28 Oct 2021 20:48

Tgt Ion:202 Resp: 115480
Ion Ratio Lower Upper
202 100
101 14.4 10.3 15.5
100 11.6 8.2 12.2





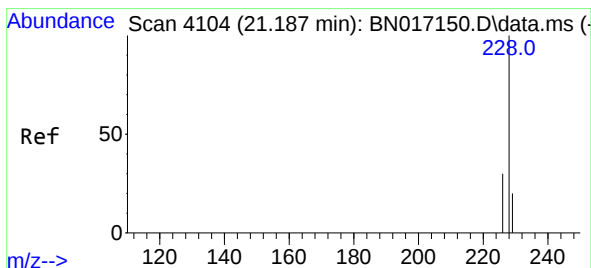
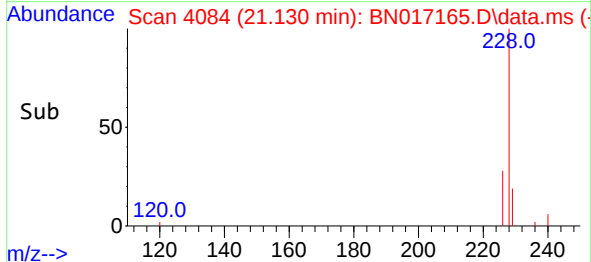
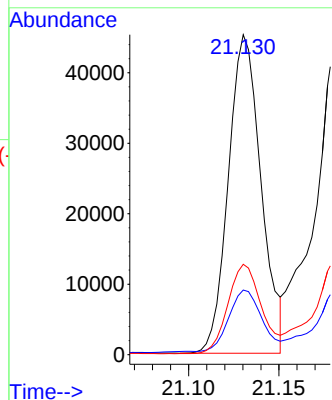
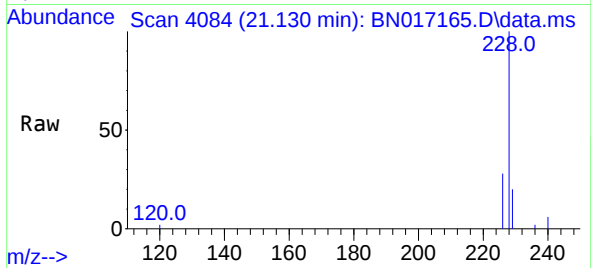
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Benzo(a)anthracene
Concen: 0.607 ng/ul
RT: 21.130 min Scan# 4084
Delta R.T. -0.004 min
Lab File: BN017165.D
Acq: 28 Oct 2021 20:48

Tgt Ion:228 Resp: 56863
Ion Ratio Lower Upper
228 100
229 20.2 16.1 24.1
226 28.3 21.7 32.5

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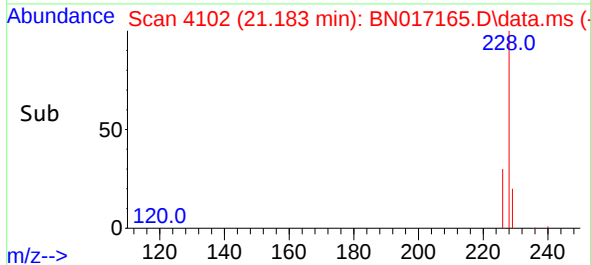
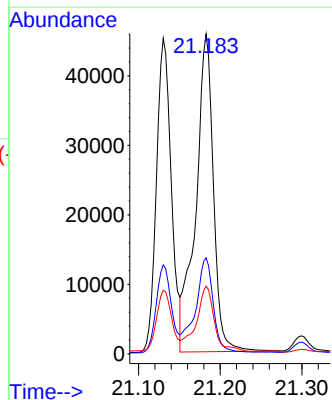
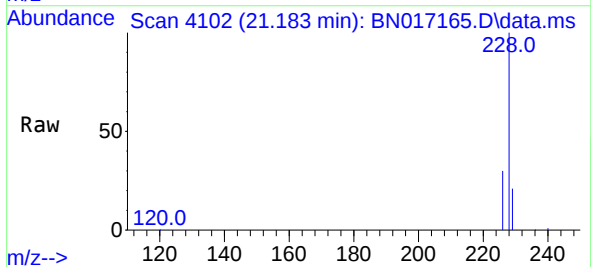
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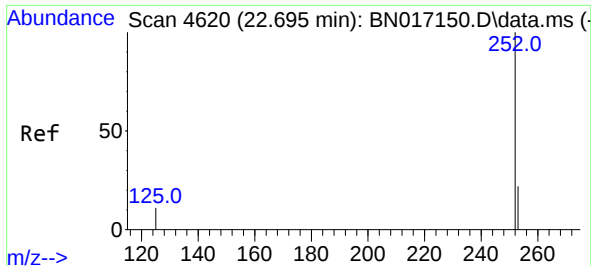
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#22
Chrysene
Concen: 0.649 ng/ul
RT: 21.183 min Scan# 4102
Delta R.T. -0.004 min
Lab File: BN017165.D
Acq: 28 Oct 2021 20:48

Tgt Ion:228 Resp: 68902
Ion Ratio Lower Upper
228 100
226 30.0 24.1 36.1
229 21.2 15.4 23.2





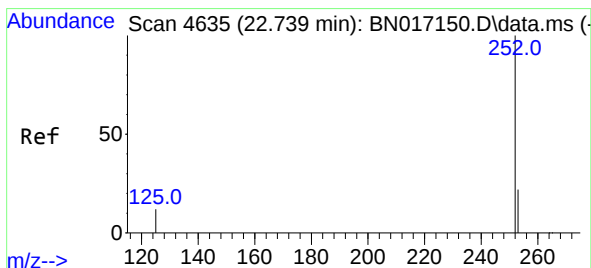
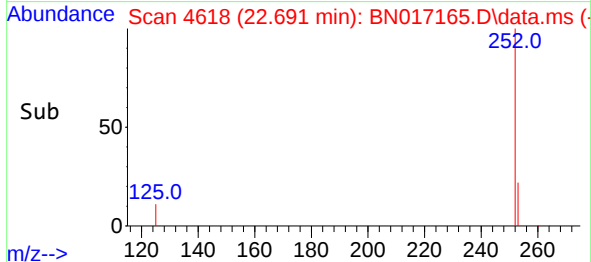
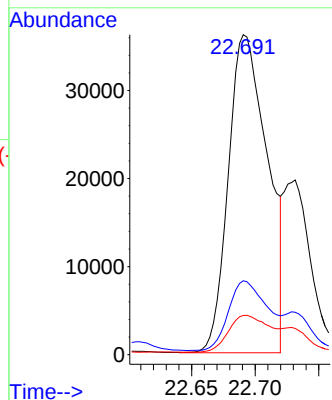
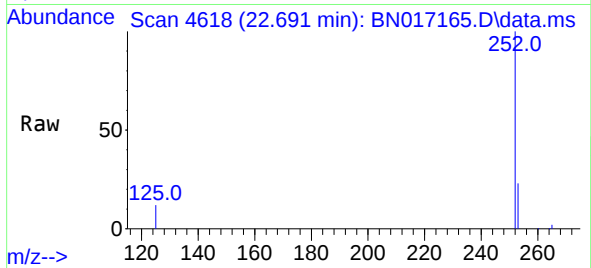
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Benzo(b)fluoranthene
Concen: 0.770 ng/ul m
RT: 22.691 min Scan# 4618
Delta R.T. -0.004 min
Lab File: BN017165.D
Acq: 28 Oct 2021 20:48

Tgt Ion:252 Resp: 77493
Ion Ratio Lower Upper
252 100
253 23.1 0.0 46.8
125 12.3 0.0 23.8

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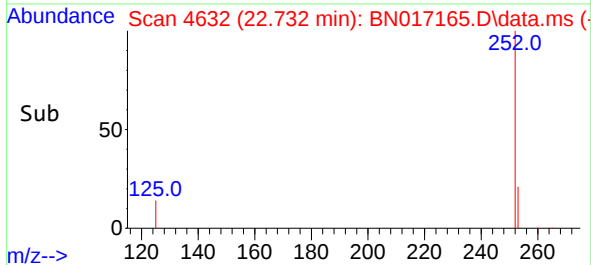
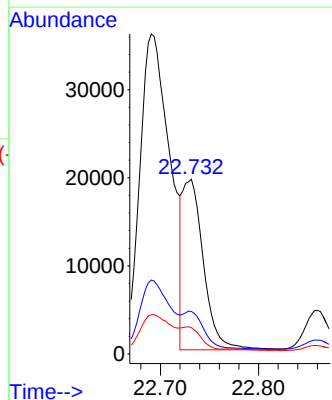
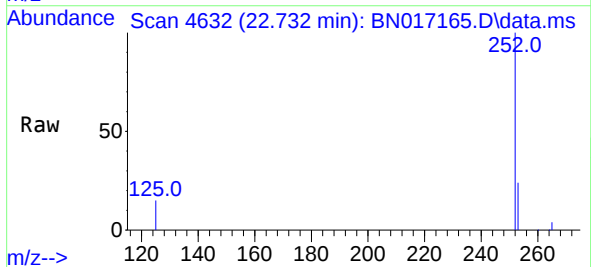
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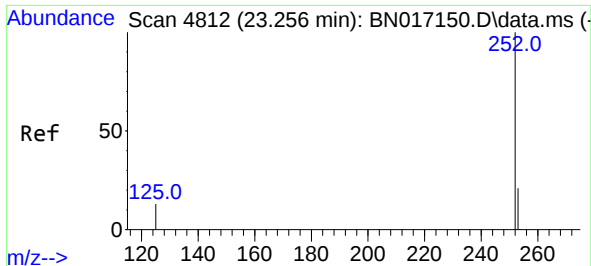
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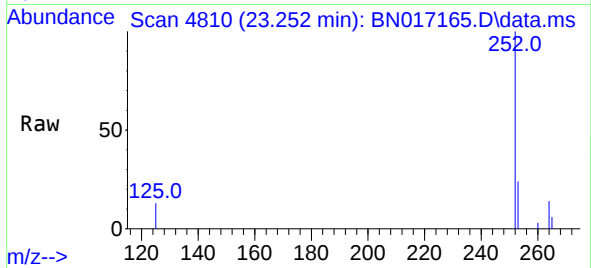
#25
Benzo(k)fluoranthene
Concen: 0.252 ng/ul m
RT: 22.732 min Scan# 4632
Delta R.T. -0.007 min
Lab File: BN017165.D
Acq: 28 Oct 2021 20:48

Tgt Ion:252 Resp: 28787
Ion Ratio Lower Upper
252 100
253 24.3 18.3 27.5
125 15.0 10.0 15.0

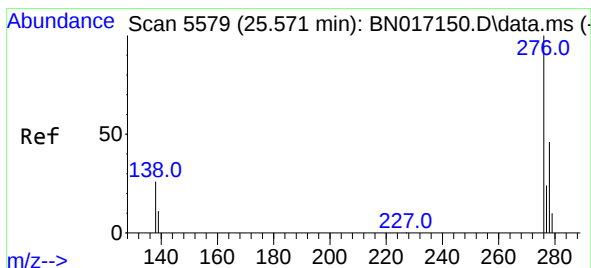
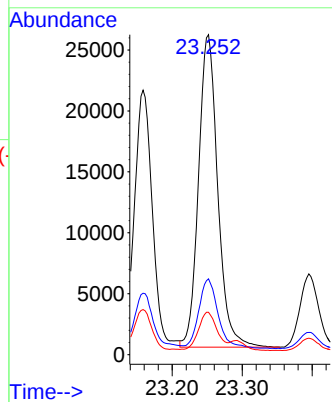
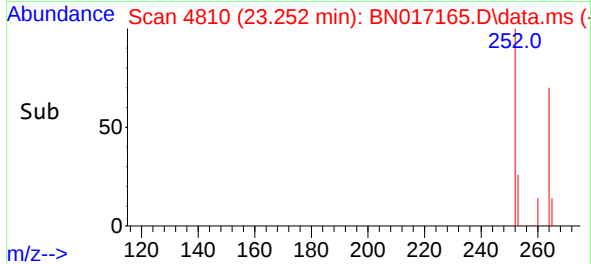




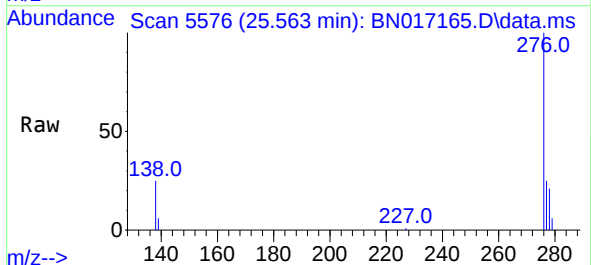
#26
Benzo(a)pyrene
Concen: 0.542 ng/ul
RT: 23.252 min Scan# 4810
Delta R.T. -0.004 min
Lab File: BN017165.D
Acq: 28 Oct 2021 20:48



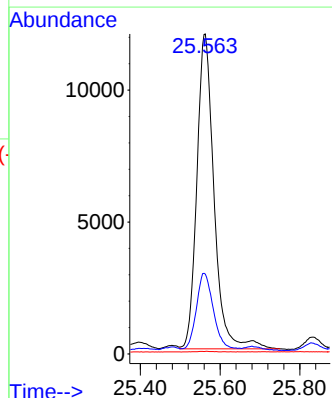
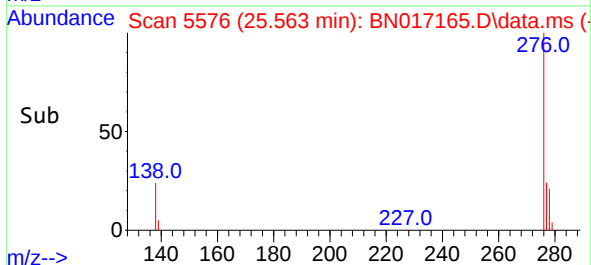
Tgt Ion:252 Resp: 48949
Ion Ratio Lower Upper
252 100
253 23.7 19.3 28.9
125 13.2 10.8 16.2



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.279 ng/ul
RT: 25.563 min Scan# 5576
Delta R.T. -0.009 min
Lab File: BN017165.D
Acq: 28 Oct 2021 20:48



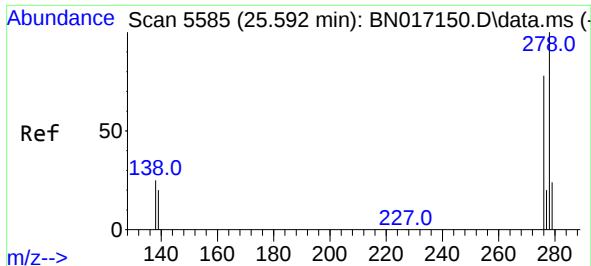
Tgt Ion:276 Resp: 35774
Ion Ratio Lower Upper
276 100
138 24.3 22.2 33.4
227 0.1 0.0 0.0#



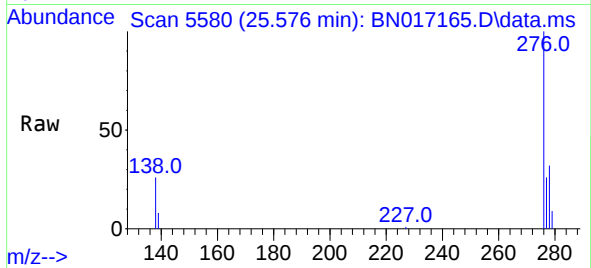
Instrument :
BNA_N
ClientSampleId :
C0B36

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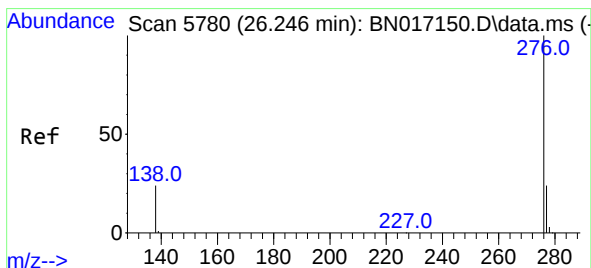
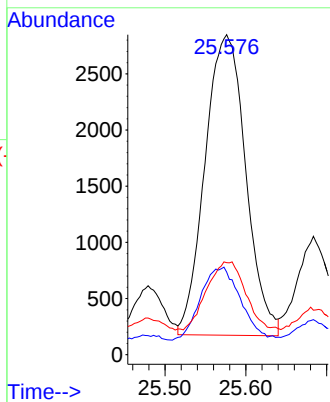
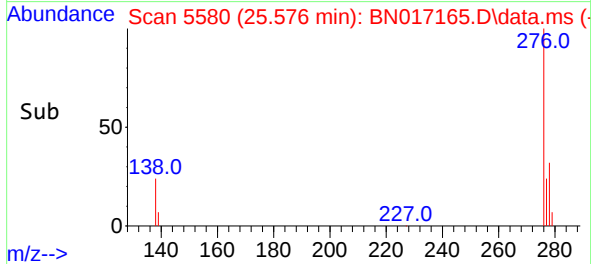
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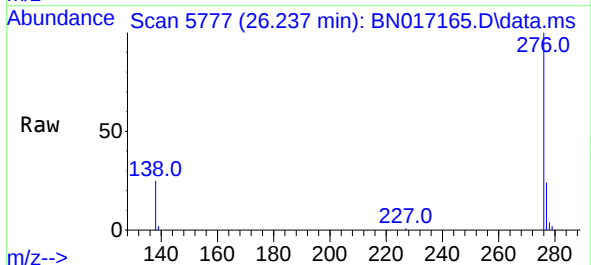
#28
Dibenzo(a,h)anthracene
Concen: 0.093 ng/ul
RT: 25.576 min Scan# 5580
Delta R.T. -0.015 min
Lab File: BN017165.D
Acq: 28 Oct 2021 20:48



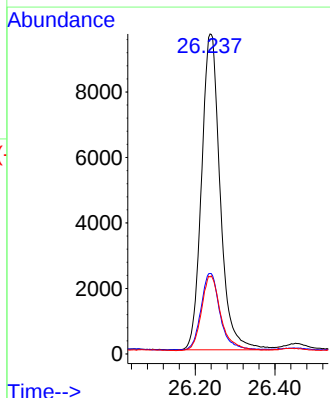
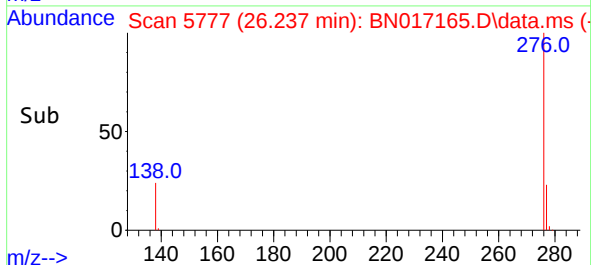
Tgt Ion:278 Resp: 9386
Ion Ratio Lower Upper
278 100
139 25.8 15.4 23.0#
279 28.7 19.5 29.3



#29
Benzo(g,h,i)perylene
Concen: 0.289 ng/ul
RT: 26.237 min Scan# 5777
Delta R.T. -0.009 min
Lab File: BN017165.D
Acq: 28 Oct 2021 20:48



Tgt Ion:276 Resp: 31353
Ion Ratio Lower Upper
276 100
138 25.2 19.2 28.8
277 24.1 19.0 28.6



Instrument :
BNA_N
ClientSampled :
C0B36

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