

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082621\
 Data File : BN016106.D
 Acq On : 27 Aug 2021 14:40
 Operator : CG/JU
 Sample : M3458-10DL 5X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AS6DL

Manual Integrations
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Quant Time: Aug 27 15:12:17 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN082621.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 27 10:53:37 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.867	152	1573	0.400	ng/ul	0.00
4) Naphthalene-d8	10.666	136	6939	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.502	164	4313	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.247	188	8990	0.400	ng/ul	0.00
17) Chrysene-d12	21.441	240	8838	0.400	ng/ul	0.00
23) Perylene-d12	23.832	264	8065	0.400	ng/ul	# 0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.319	96	1209	0.567	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.256	152	420	0.040	ng/ul	0.00
18) Fluoranthene-d10	19.277	212	991	0.042	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.716	128	2040	0.114	ng/ul#	94
7) 2-Methylnaphthalene	12.327	142	1132	0.093	ng/ul	98
8) 1-Methylnaphthalene	12.547	142	880	0.074	ng/ul	98
10) Acenaphthylene	14.220	152	930	0.061	ng/ul#	84
11) Acenaphthene	14.562	153	791	0.060	ng/ul	97
12) Fluorene	15.548	166	558	0.036	ng/ul#	93
15) Phenanthrene	17.285	178	11904	0.480	ng/ul	99
16) Anthracene	17.378	178	2219	0.104	ng/ul	94
19) Fluoranthene	19.304	202	19121	0.692	ng/ul	100
20) Pyrene	19.667	202	16214	0.583	ng/ul	100
21) Benzo(a)anthracene	21.426	228	10079	0.366	ng/ul	96
22) Chrysene	21.476	228	11372	0.384	ng/ul	98
24) Benzo(b)fluoranthene	23.107	252	15782m	0.524	ng/ul	
25) Benzo(k)fluoranthene	23.148	252	6182m	0.204	ng/ul	
26) Benzo(a)pyrene	23.724	252	7952	0.314	ng/ul#	96
27) Indeno(1,2,3-cd)pyrene	26.299	276	6954	0.208	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.306	278	2007	0.071	ng/ul#	68
29) Benzo(g,h,i)perylene	27.057	276	725	0.025	ng/ul#	54

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

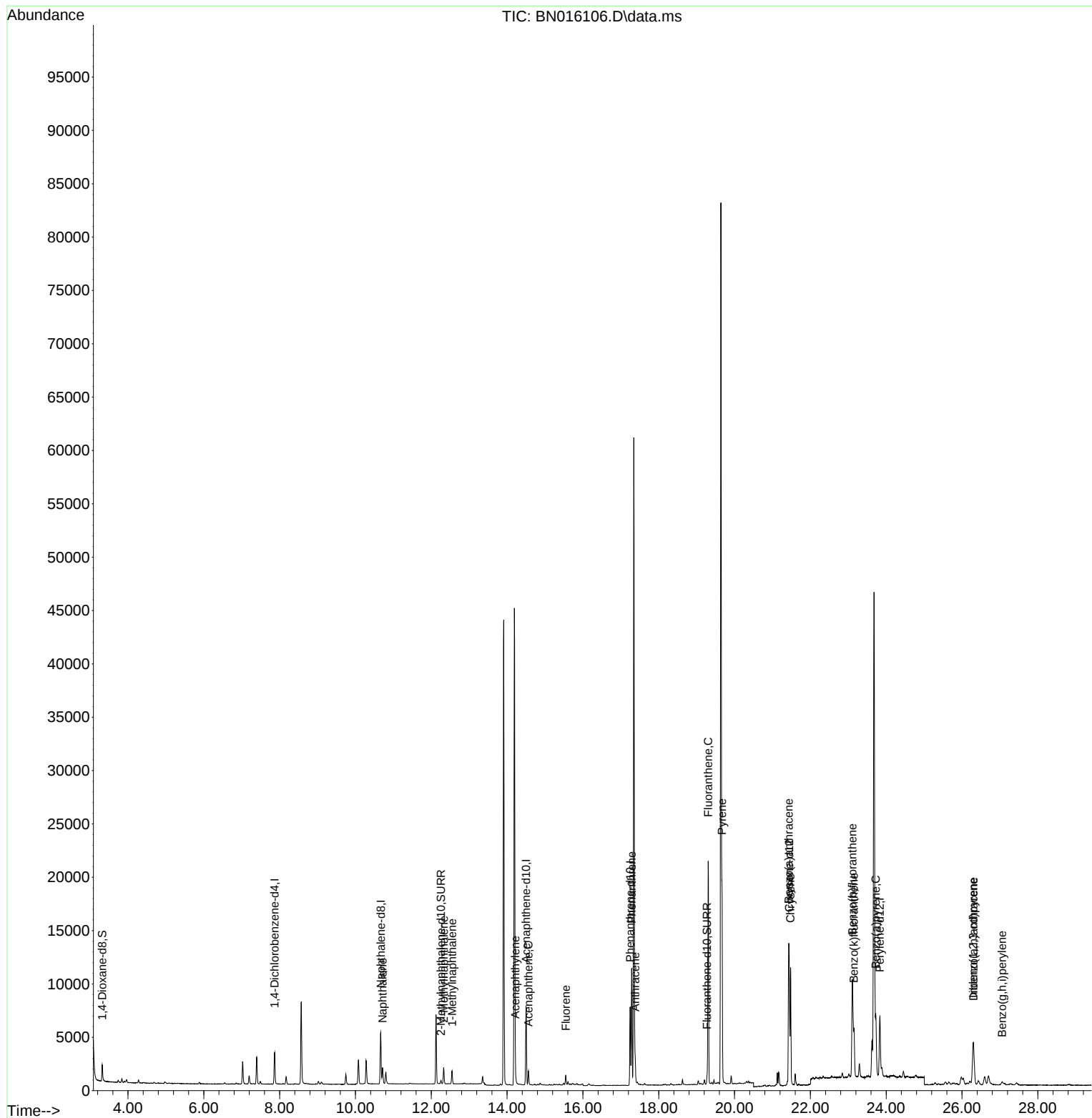
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082621\
Data File : BN016106.D
Acq On : 27 Aug 2021 14:40
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ALS Vial : 10 Sample Multiplier: 1

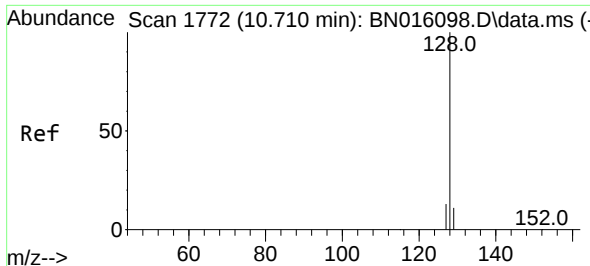
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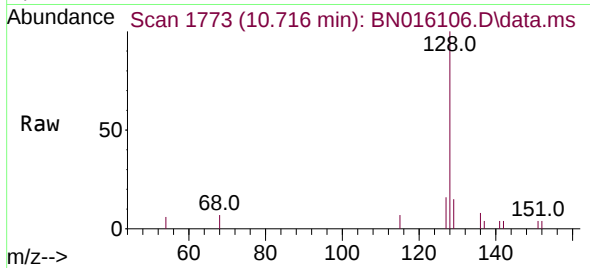
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QLast Update : Fri Aug 27 10:53:37 2021
Response via : Initial Calibration

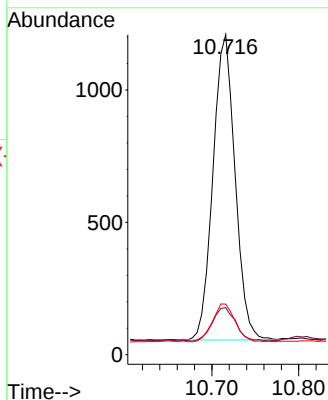
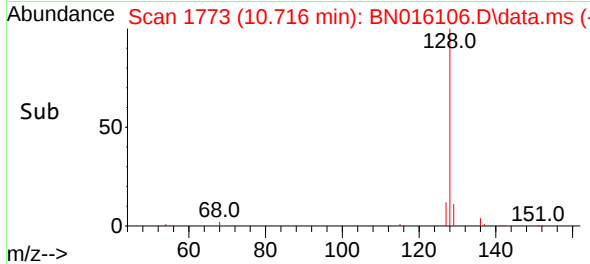




#5
Naphthalene
Concen: 0.114 ng/ul
RT: 10.716 min Scan# 1773
Delta R.T. 0.006 min
Lab File: BN016106.D
Acq: 27 Aug 2021 14:40



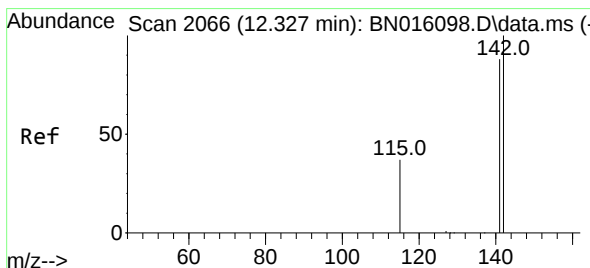
Tgt Ion:128 Resp: 2040
Ion Ratio Lower Upper
128 100
129 14.7 9.7 14.5#
127 15.8 11.1 16.7



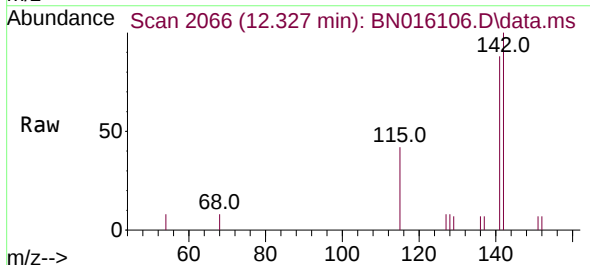
Instrument :
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ClientSampleId :
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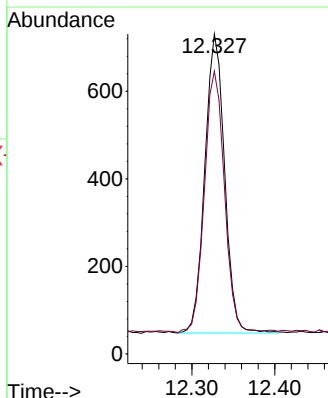
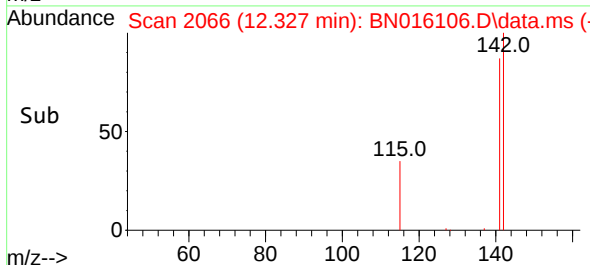
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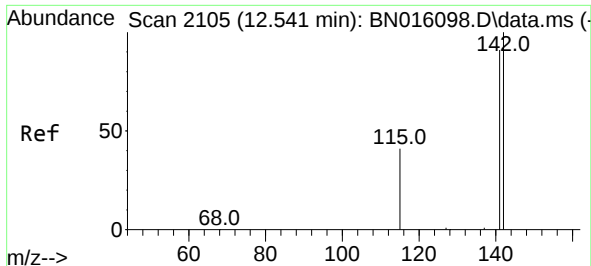


#7
2-Methylnaphthalene
Concen: 0.093 ng/ul
RT: 12.327 min Scan# 2066
Delta R.T. 0.000 min
Lab File: BN016106.D
Acq: 27 Aug 2021 14:40

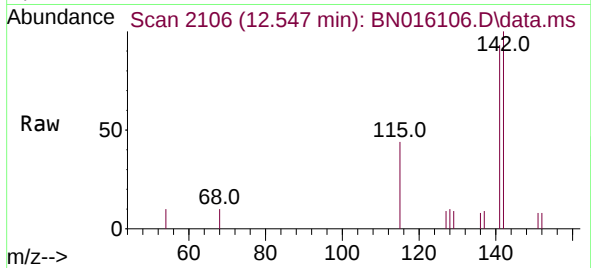


Tgt Ion:142 Resp: 1132
Ion Ratio Lower Upper
142 100
141 89.0 69.8 104.6

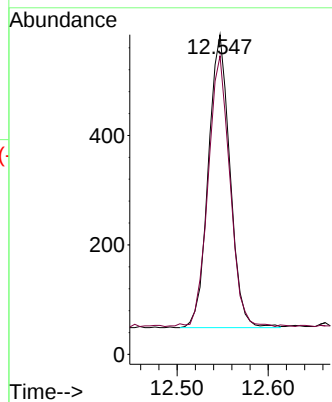
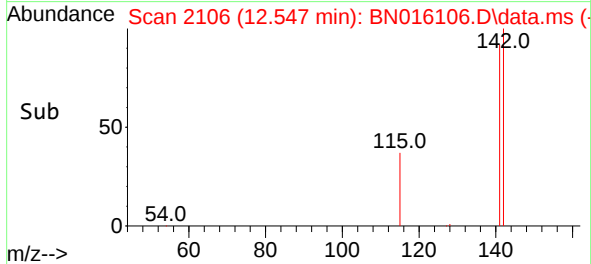




#8
1-Methylnaphthalene
Concen: 0.074 ng/ul
RT: 12.547 min Scan# 2106
Delta R.T. 0.006 min
Lab File: BN016106.D
Acq: 27 Aug 2021 14:40



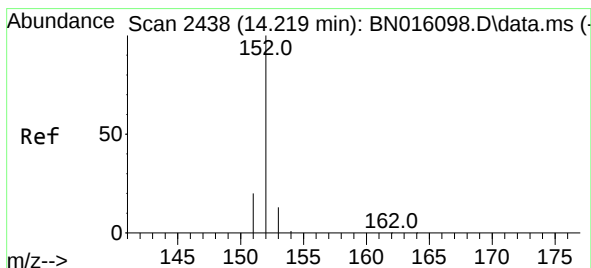
Tgt Ion:142 Resp: 880
Ion Ratio Lower Upper
142 100
141 92.8 72.8 109.2



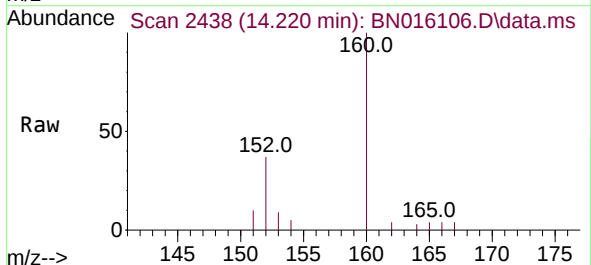
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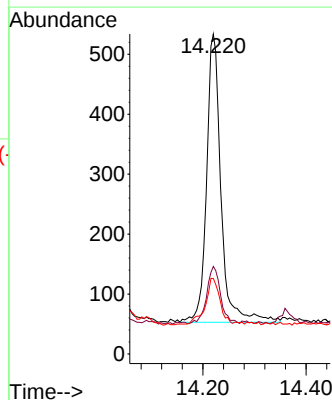
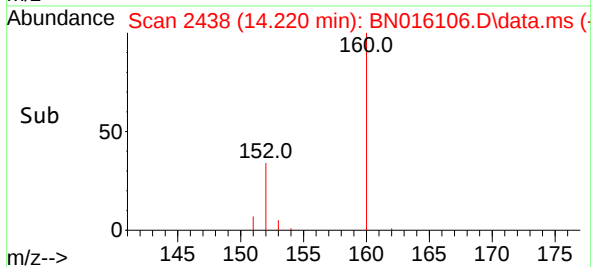
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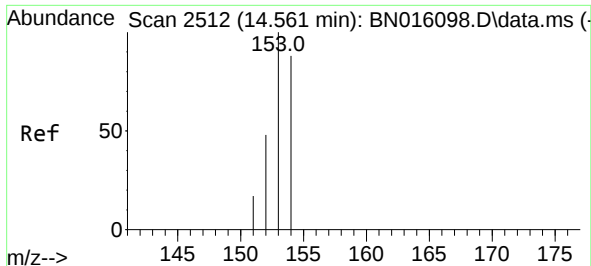


#10
Acenaphthylene
Concen: 0.061 ng/ul
RT: 14.220 min Scan# 2438
Delta R.T. 0.001 min
Lab File: BN016106.D
Acq: 27 Aug 2021 14:40

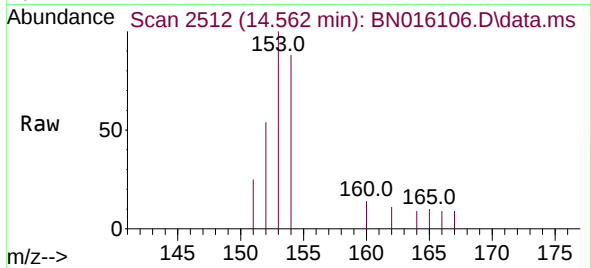


Tgt Ion:152 Resp: 930
Ion Ratio Lower Upper
152 100
151 27.3 17.0 25.6#
153 23.6 11.8 17.6#

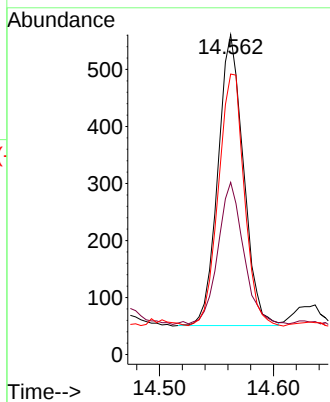
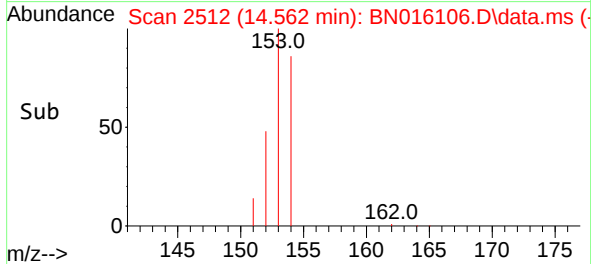




#11
Acenaphthene
Concen: 0.060 ng/ul
RT: 14.562 min Scan# 2512
Delta R.T. 0.001 min
Lab File: BN016106.D
Acq: 27 Aug 2021 14:40



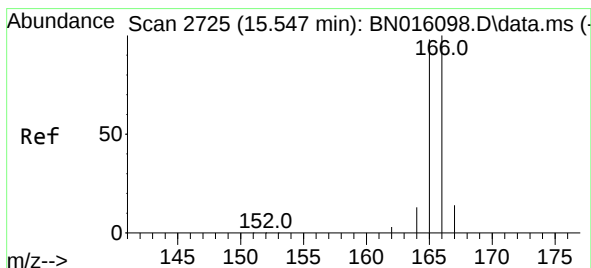
Tgt Ion:	153	Resp:	791
Ion Ratio	100	Lower	Upper
152	53.8	38.3	57.5
154	87.7	70.2	105.2



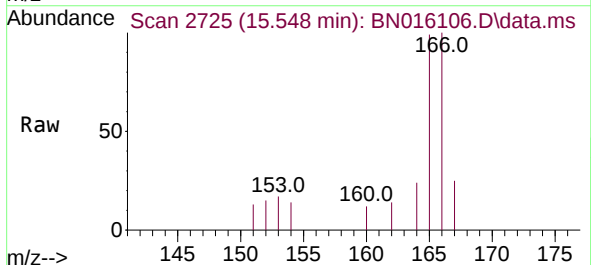
Instrument :
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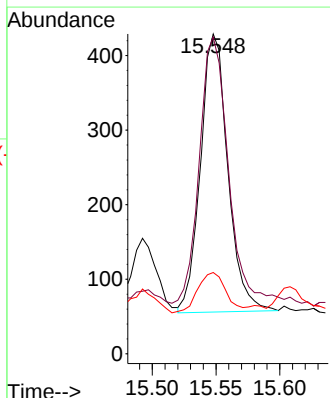
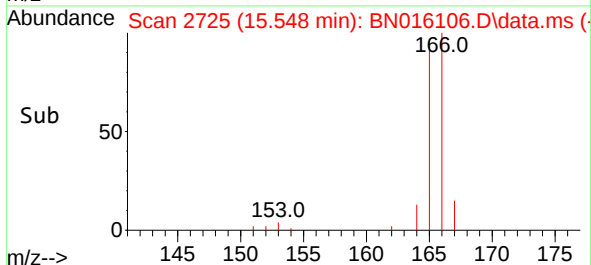
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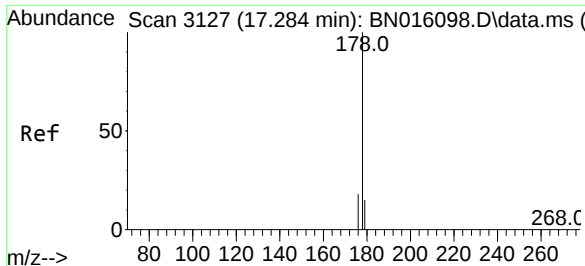


#12
Fluorene
Concen: 0.036 ng/ul
RT: 15.548 min Scan# 2725
Delta R.T. 0.001 min
Lab File: BN016106.D
Acq: 27 Aug 2021 14:40



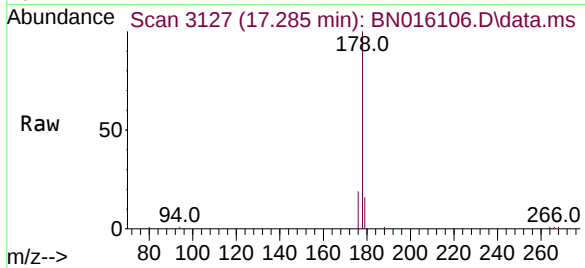
Tgt Ion:	166	Resp:	558
Ion Ratio	100	Lower	Upper
165	99.1	76.2	114.2
167	25.4	11.5	17.3





#15
Phenanthrene
Concen: 0.480 ng/ul
RT: 17.285 min Scan# 3127
Delta R.T. 0.001 min
Lab File: BN016106.D
Acq: 27 Aug 2021 14:40

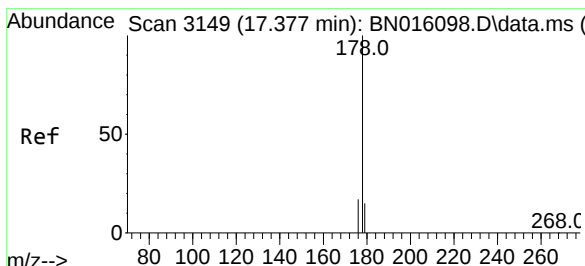
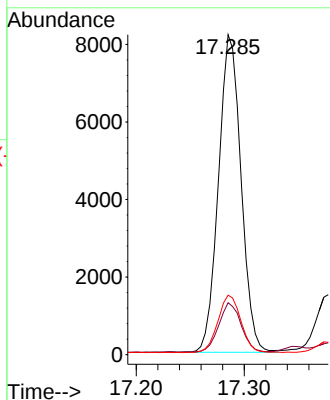
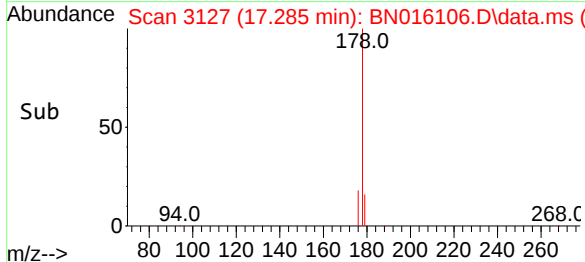
Instrument :
BNA_N
ClientSampled :
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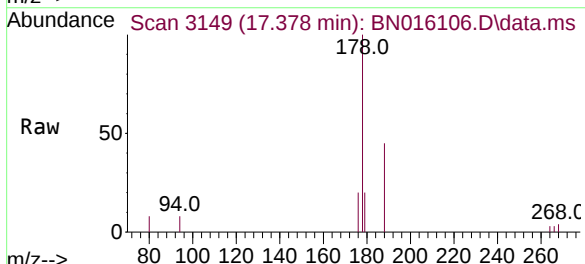
Tgt Ion:178 Resp: 11904
Ion Ratio Lower Upper
178 100
179 16.2 13.4 20.2
176 18.6 15.0 22.4

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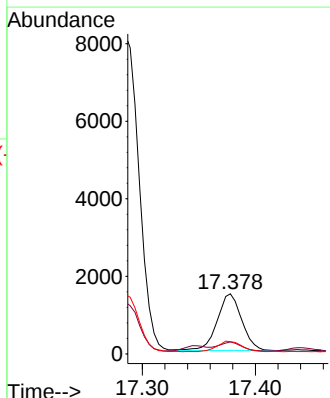
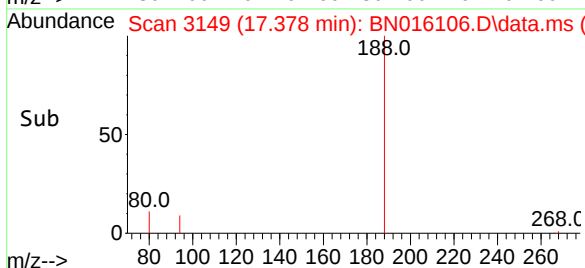
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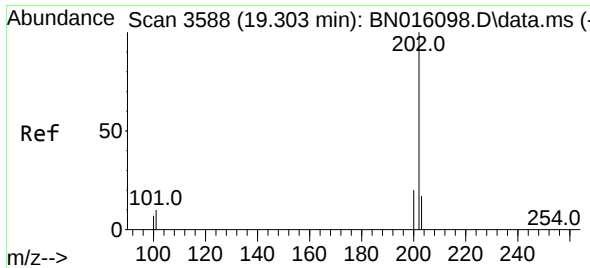


#16
Anthracene
Concen: 0.104 ng/ul
RT: 17.378 min Scan# 3149
Delta R.T. 0.001 min
Lab File: BN016106.D
Acq: 27 Aug 2021 14:40



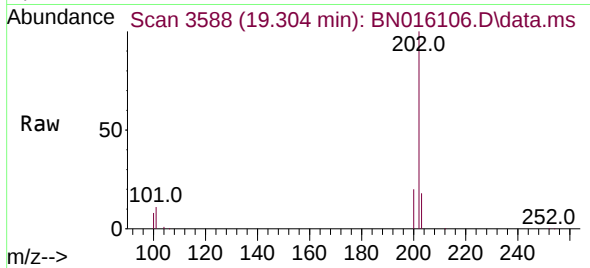
Tgt Ion:178 Resp: 2219
Ion Ratio Lower Upper
178 100
179 19.9 13.4 20.0
176 20.5 14.9 22.3





#19
Fluoranthene
Concen: 0.692 ng/u1
RT: 19.304 min Scan# 3588
Delta R.T. 0.001 min
Lab File: BN016106.D
Acq: 27 Aug 2021 14:40

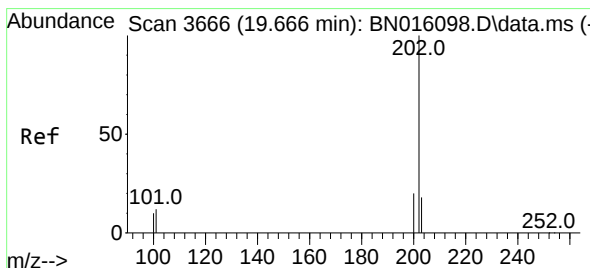
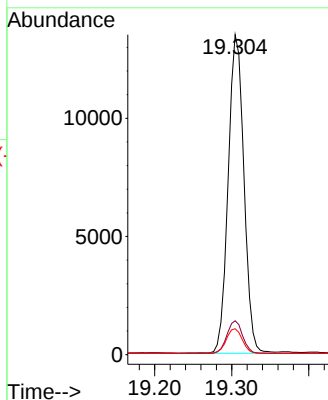
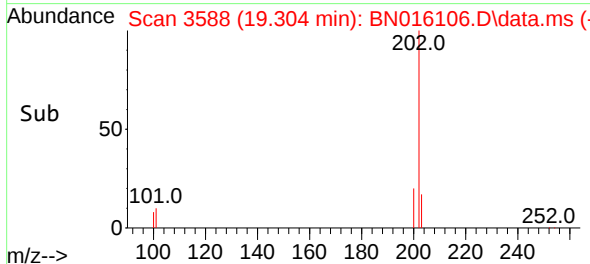
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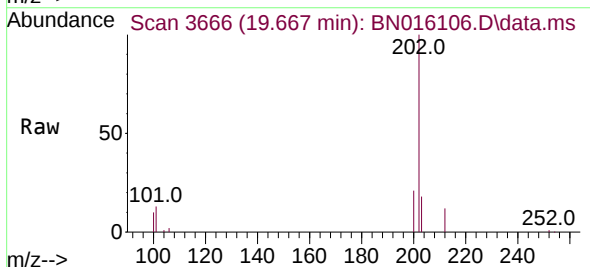
Tgt Ion:202 Resp: 19121
Ion Ratio Lower Upper
202 100
101 10.6 8.3 12.5
100 8.1 6.6 9.8

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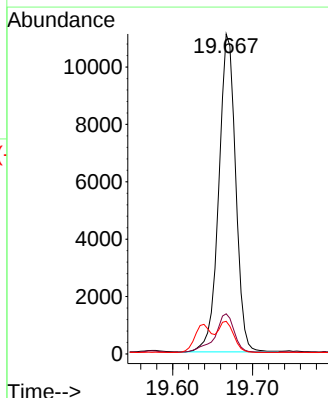
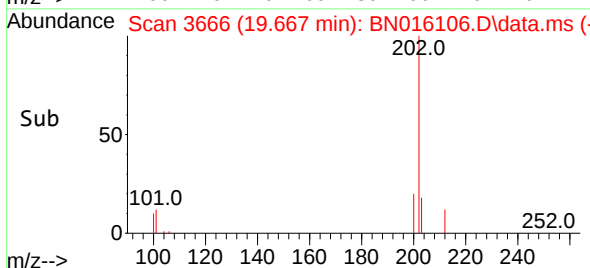
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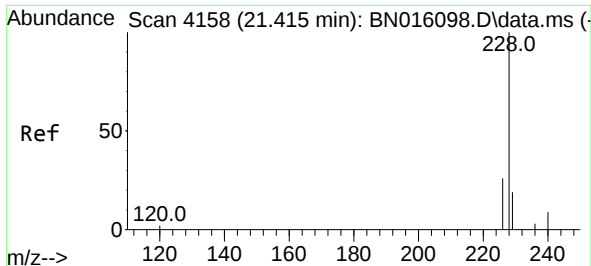


#20
Pyrene
Concen: 0.583 ng/u1
RT: 19.667 min Scan# 3666
Delta R.T. 0.001 min
Lab File: BN016106.D
Acq: 27 Aug 2021 14:40



Tgt Ion:202 Resp: 16214
Ion Ratio Lower Upper
202 100
101 12.5 10.0 15.0
100 10.2 8.4 12.6





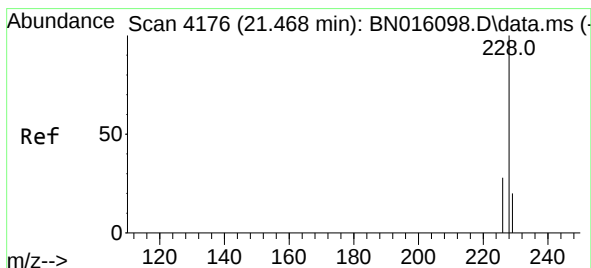
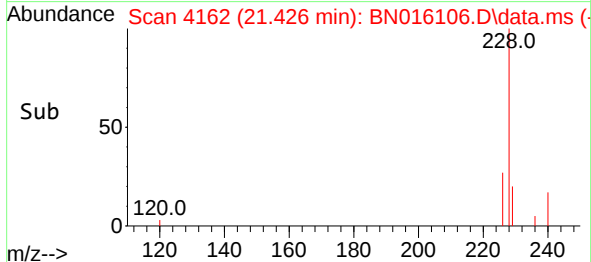
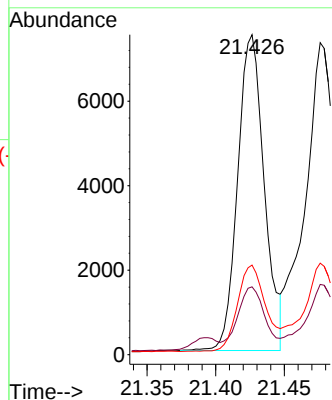
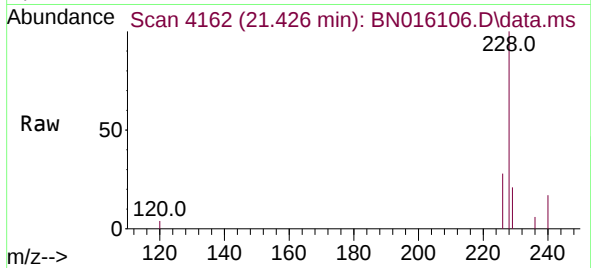
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Benzo(a)anthracene
Concen: 0.366 ng/ul
RT: 21.426 min Scan# 4162
Delta R.T. 0.011 min
Lab File: BN016106.D
Acq: 27 Aug 2021 14:40

Tgt Ion:228	Resp:	10079
Ion Ratio	Lower	Upper
228	100	
229	21.2	16.0 24.0
226	28.0	20.6 31.0

Instrument :
BNA_N
ClientSampled :
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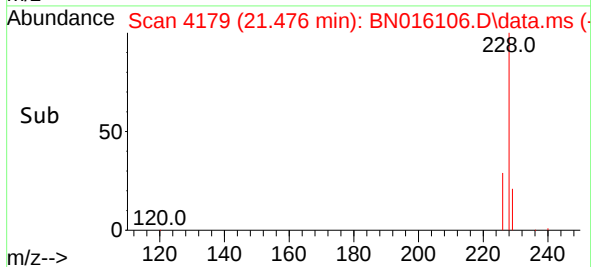
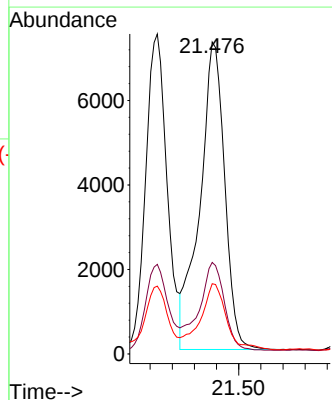
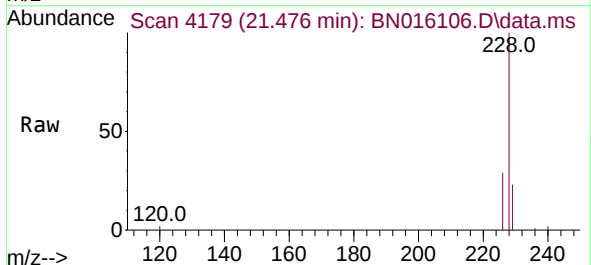
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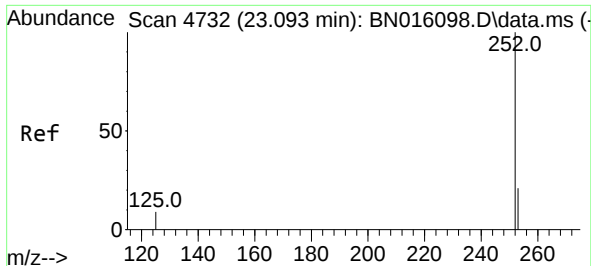
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#22
Chrysene
Concen: 0.384 ng/ul
RT: 21.476 min Scan# 4179
Delta R.T. 0.008 min
Lab File: BN016106.D
Acq: 27 Aug 2021 14:40

Tgt Ion:228	Resp:	11372
Ion Ratio	Lower	Upper
228	100	
226	29.4	23.4 35.0
229	22.5	16.4 24.6





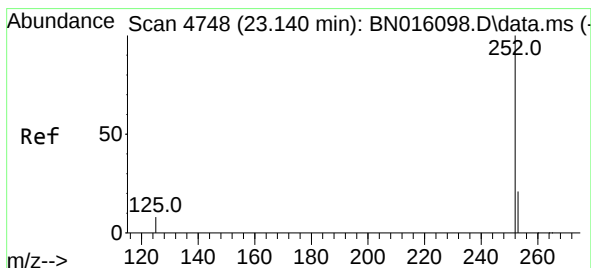
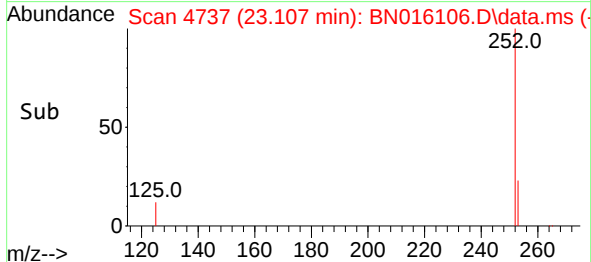
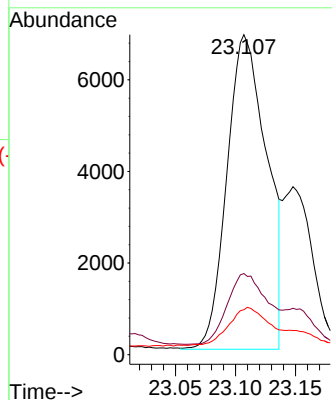
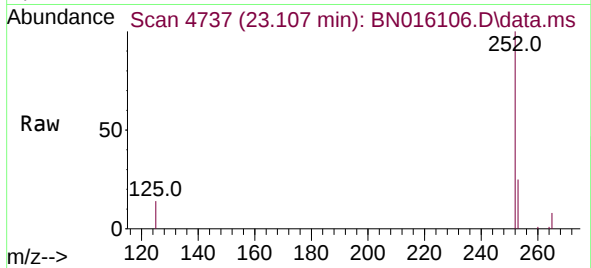
#24
Benzo(b)fluoranthene
Concen: 0.524 ng/ul m
RT: 23.107 min Scan# 4737
Delta R.T. 0.014 min
Lab File: BN016106.D
Acq: 27 Aug 2021 14:40

Tgt Ion:	252	Resp:	15782
Ion Ratio	Lower	Upper	
252	100		
253	25.4	0.0	50.6
125	14.0	0.0	21.6

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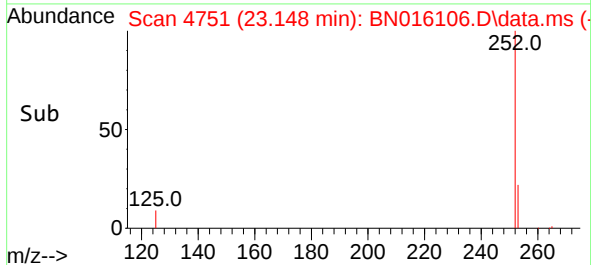
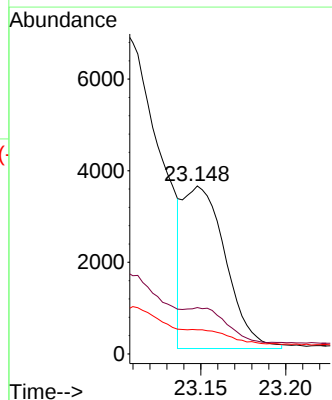
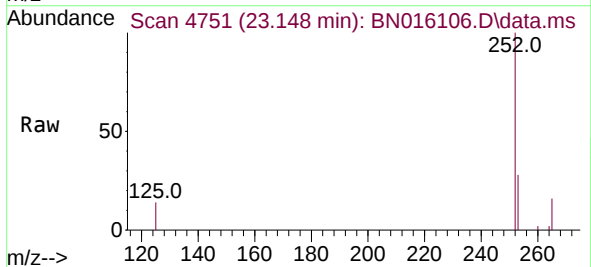
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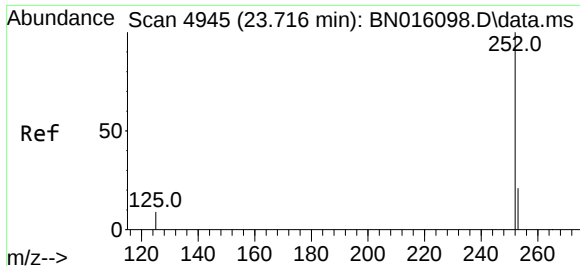
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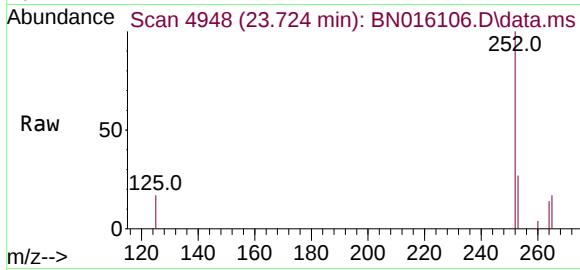
#25
Benzo(k)fluoranthene
Concen: 0.204 ng/ul m
RT: 23.148 min Scan# 4751
Delta R.T. 0.008 min
Lab File: BN016106.D
Acq: 27 Aug 2021 14:40

Tgt Ion:	252	Resp:	6182
Ion Ratio	Lower	Upper	
252	100		
253	27.6	20.7	31.1
125	14.4	8.2	12.4#

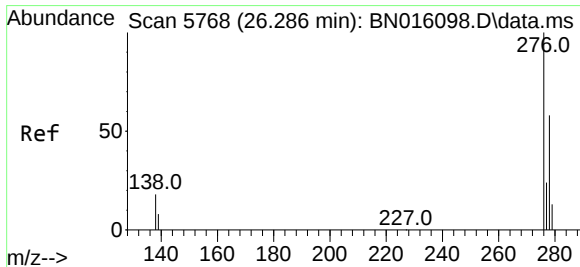
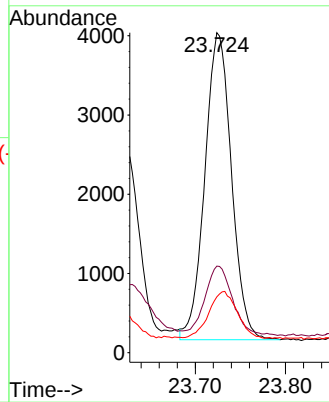
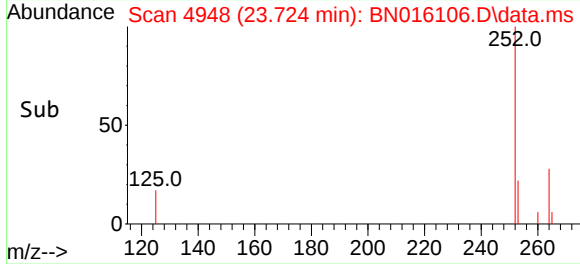




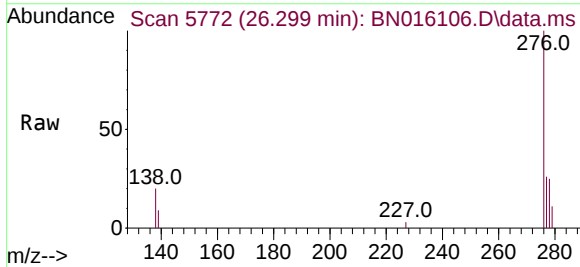
#26
Benzo(a)pyrene
Concen: 0.314 ng/ul
RT: 23.724 min Scan# 4948
Delta R.T. 0.008 min
Lab File: BN016106.D
Acq: 27 Aug 2021 14:40



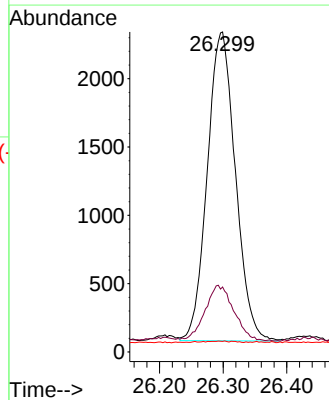
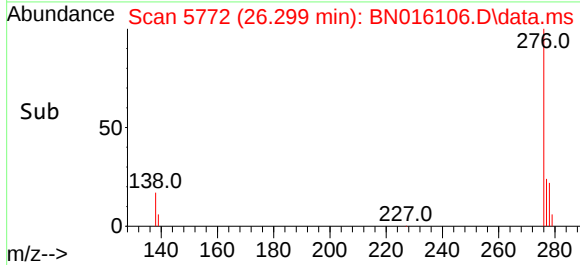
Tgt Ion: 252 Resp: 7952
Ion Ratio Lower Upper
252 100
253 27.0 22.1 33.1
125 17.4 10.2 15.4#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.208 ng/ul
RT: 26.299 min Scan# 5772
Delta R.T. 0.013 min
Lab File: BN016106.D
Acq: 27 Aug 2021 14:40



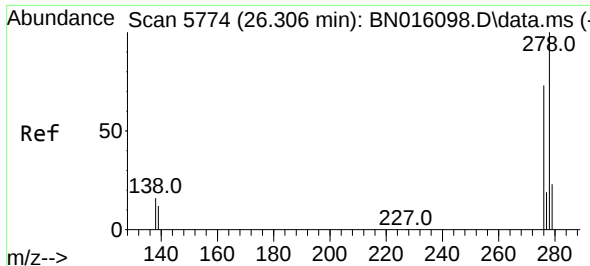
Tgt Ion: 276 Resp: 6954
Ion Ratio Lower Upper
276 100
138 18.5 15.1 22.7
227 0.0 0.1 0.1#



Instrument :
BNA_N
ClientSampleId :
C0AS6DL

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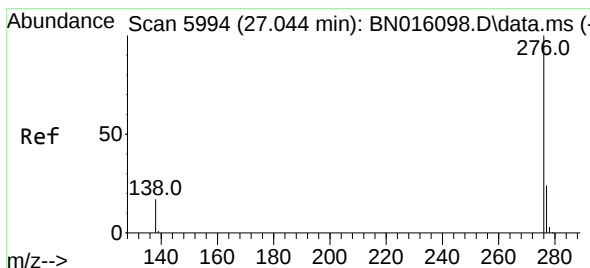
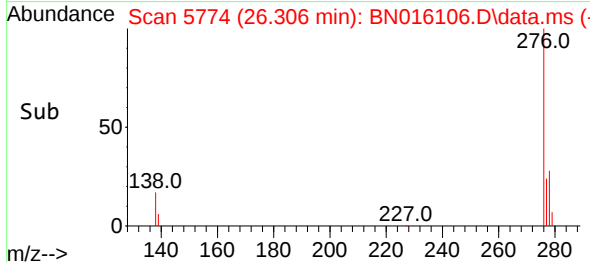
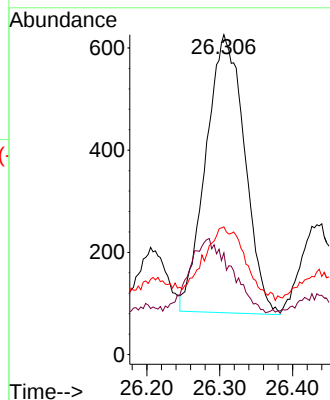
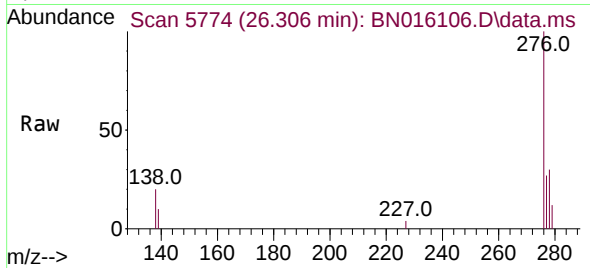
#28
Dibenzo(a,h)anthracene
Concen: 0.071 ng/ul
RT: 26.306 min Scan# 5774
Delta R.T. -0.001 min
Lab File: BN016106.D
Acq: 27 Aug 2021 14:40

Tgt Ion: 278 Resp: 2007
Ion Ratio Lower Upper
278 100
139 31.8 12.0 18.0#
279 39.9 21.0 31.6#

Instrument :
BNA_N
ClientSampleID :
C0AS6DL

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#29
Benzo(g,h,i)perylene
Concen: 0.025 ng/ul
RT: 27.057 min Scan# 5998
Delta R.T. 0.013 min
Lab File: BN016106.D
Acq: 27 Aug 2021 14:40

Tgt Ion: 276 Resp: 725
Ion Ratio Lower Upper
276 100
138 43.5 13.8 20.8#
277 43.8 20.5 30.7#

