

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122221\
 Data File : BN018160.D
 Acq On : 22 Dec 2021 20:47
 Operator : CG/JU
 Sample : M5091-02
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BG3E1

Quant Time: Dec 23 00:09:09 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN122121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 22 14:08:04 2021
 Response via : Initial Calibration

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

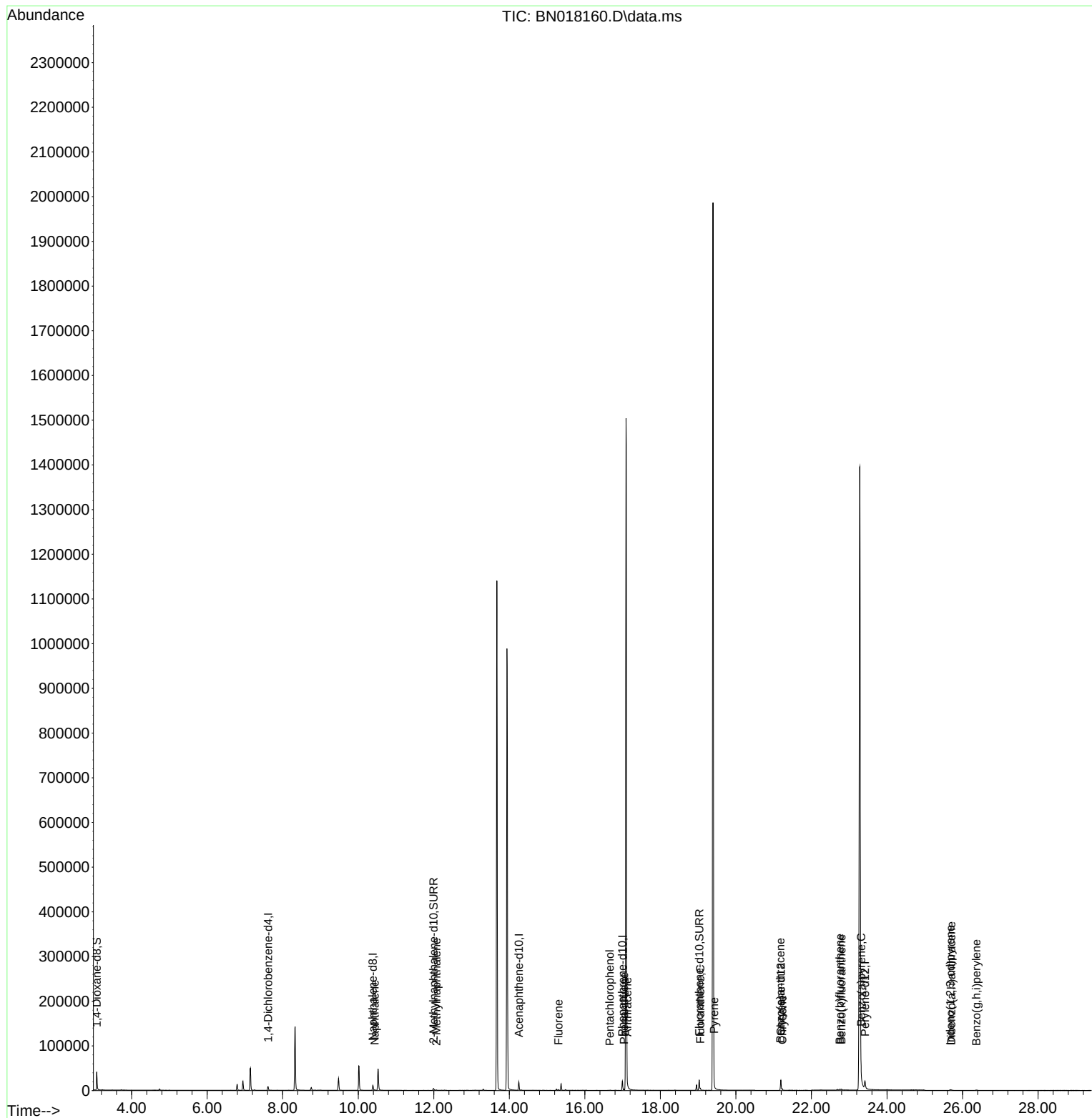
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.611	152	4435	0.400	ng/ul	0.00
4) Naphthalene-d8	10.387	136	14963	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.253	164	10224	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.994	188	24081	0.400	ng/ul	0.00
17) Chrysene-d12	21.190	240	22412	0.400	ng/ul	0.00
23) Perylene-d12	23.417	264	25044	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.076	96	23785	5.189	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.993	152	6844	0.332	ng/ul	0.00
18) Fluoranthene-d10	19.031	212	26362	0.434	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.437	128	1544	0.036	ng/ul#	88
7) 2-Methylnaphthalene	12.070	142	838	0.031	ng/ul	99
12) Fluorene	15.303	166	976	0.024	ng/ul#	91
14) Pentachlorophenol	16.661	266	179	0.040	ng/ul	98
15) Phenanthrene	17.036	178	2831	0.036	ng/ul#	93
16) Anthracene	17.125	178	1849	0.029	ng/ul#	87
19) Fluoranthene	19.058	202	3481	0.040	ng/ul#	94
20) Pyrene	19.421	202	3032	0.034	ng/ul#	83
21) Benzo(a)anthracene	21.176	228	2388	0.032	ng/ul#	89
22) Chrysene	21.228	228	2478	0.027	ng/ul#	92
24) Benzo(b)fluoranthene	22.751	252	2601	0.027	ng/ul#	68
25) Benzo(k)fluoranthene	22.792	252	2687	0.022	ng/ul#	60
26) Benzo(a)pyrene	23.318	252	2252	0.025	ng/ul#	68
27) Indeno(1,2,3-cd)pyrene	25.682	276	2505	0.021	ng/ul#	95
28) Dibenzo(a,h)anthracene	25.702	278	1844	0.020	ng/ul#	67
29) Benzo(g,h,i)perylene	26.366	276	2224	0.023	ng/ul#	85

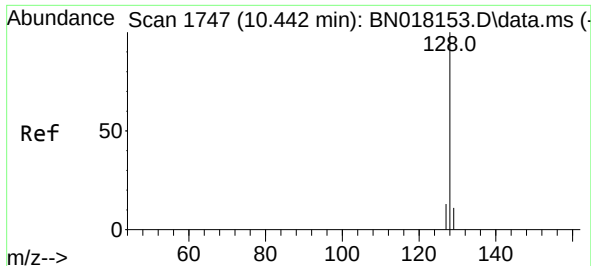
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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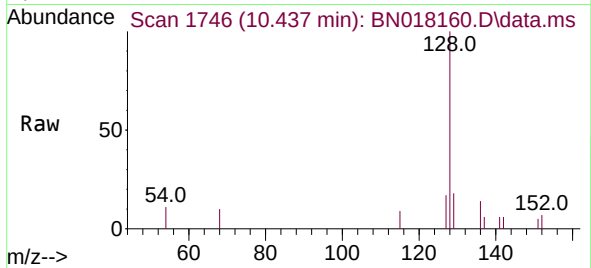
Quant Time: Dec 23 00:09:09 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN122121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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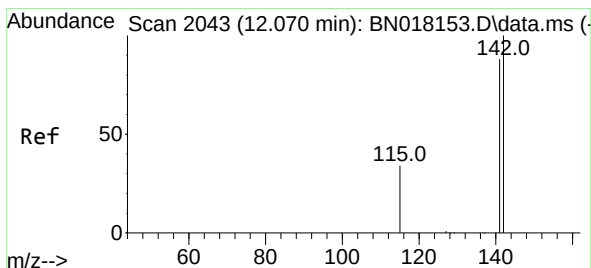
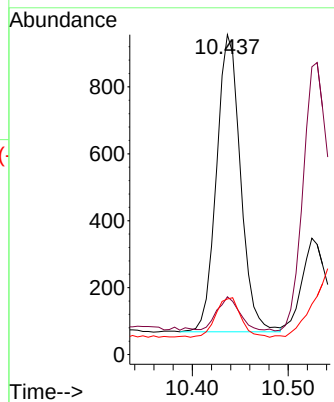
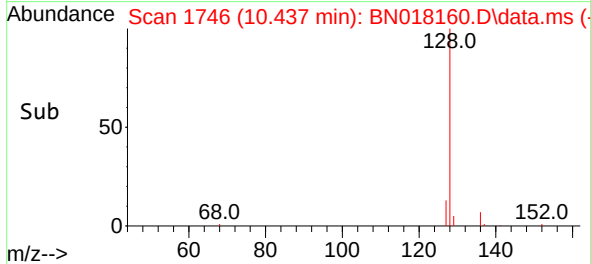


#5
Naphthalene
Concen: 0.036 ng/ul
RT: 10.437 min Scan# 1746
Delta R.T. -0.001 min
Lab File: BN018160.D
Acq: 22 Dec 2021 20:47

Instrument :
BNA_N
ClientSampleId :
BG3E1

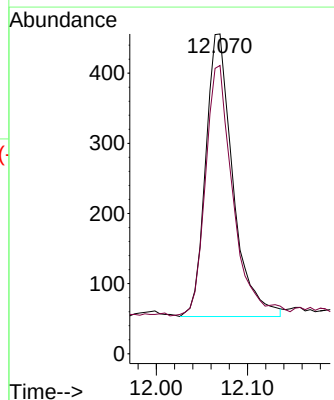
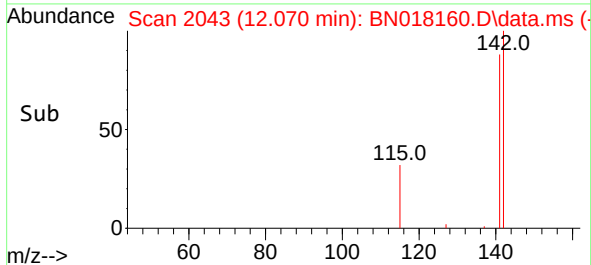
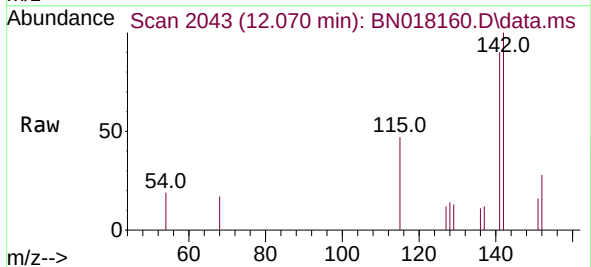


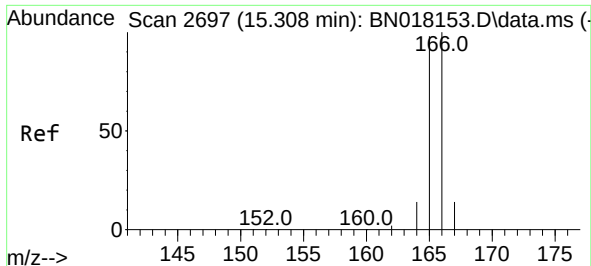
Tgt Ion:128 Resp: 1544
Ion Ratio Lower Upper
128 100
129 18.1 9.3 13.9#
127 17.4 11.1 16.7#



#7
2-Methylnaphthalene
Concen: 0.031 ng/ul
RT: 12.070 min Scan# 2043
Delta R.T. 0.004 min
Lab File: BN018160.D
Acq: 22 Dec 2021 20:47

Tgt Ion:142 Resp: 838
Ion Ratio Lower Upper
142 100
141 89.1 70.6 105.8

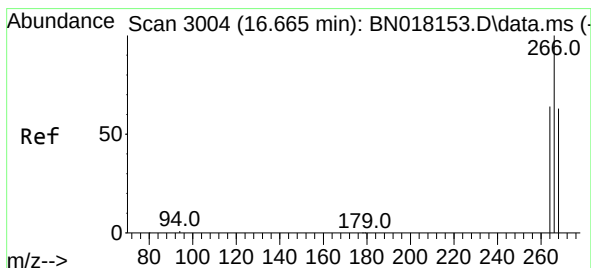
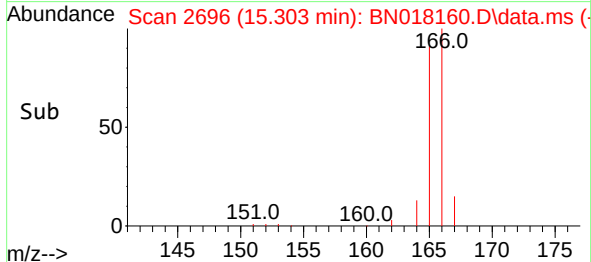
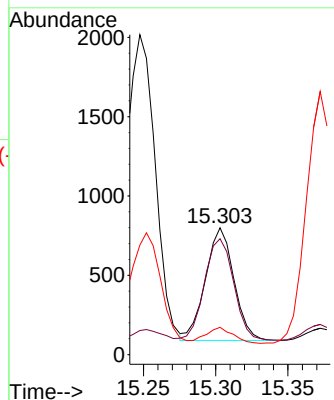
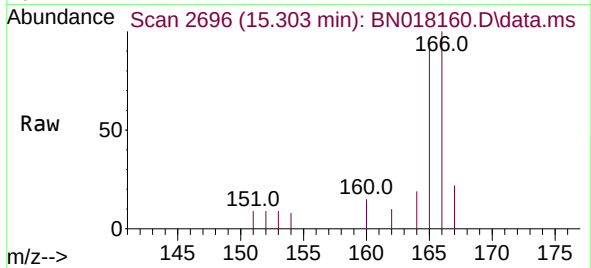




#12
Fluorene
Concen: 0.024 ng/ul
RT: 15.303 min Scan# 20
Delta R.T. -0.001 min
Lab File: BN018160.D
Acq: 22 Dec 2021 20:47

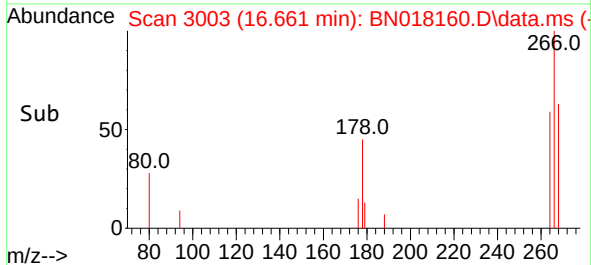
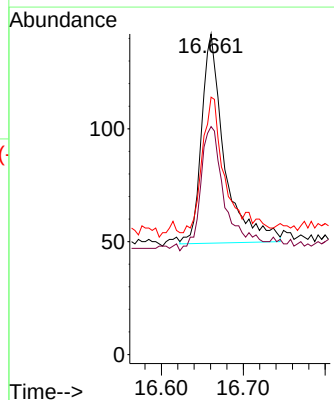
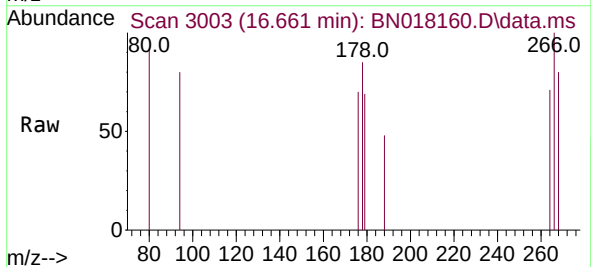
Instrument :
BNA_N
ClientSampleId :
BG3E1

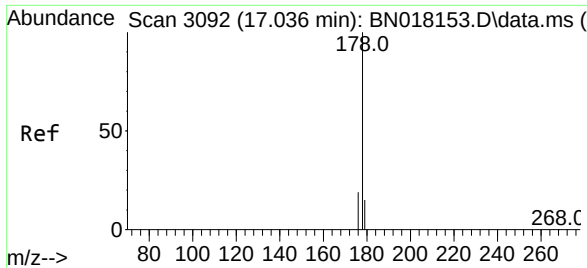
Tgt Ion:166 Resp: 976
Ion Ratio Lower Upper
166 100
165 91.5 79.2 118.8
167 21.5 11.1 16.7#



#14
Pentachlorophenol
Concen: 0.040 ng/ul
RT: 16.661 min Scan# 3003
Delta R.T. -0.001 min
Lab File: BN018160.D
Acq: 22 Dec 2021 20:47

Tgt Ion:266 Resp: 179
Ion Ratio Lower Upper
266 100
264 64.2 51.9 77.9
268 67.0 51.8 77.6

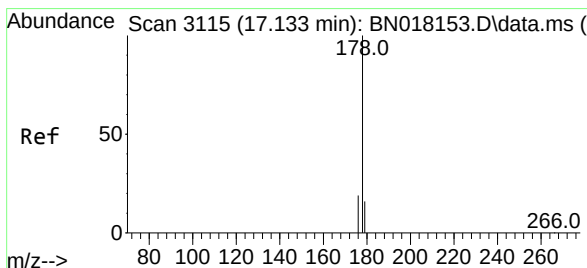
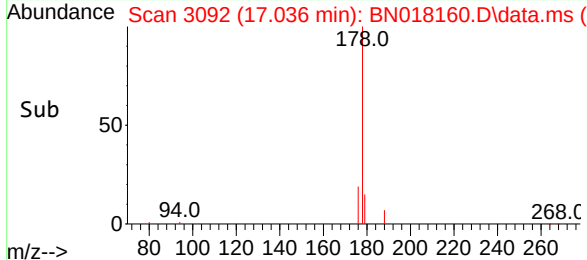
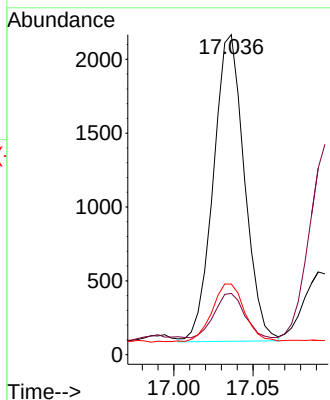
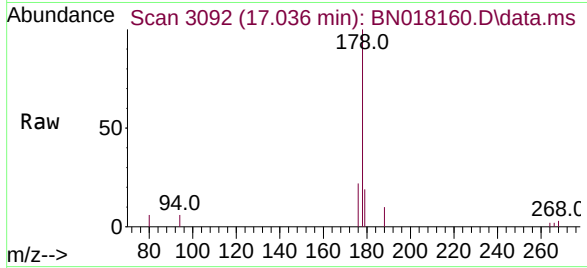




#15
Phenanthrene
Concen: 0.036 ng/ul
RT: 17.036 min Scan# 3092
Delta R.T. -0.001 min
Lab File: BN018160.D
Acq: 22 Dec 2021 20:47

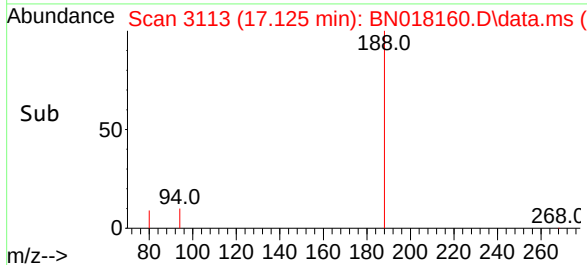
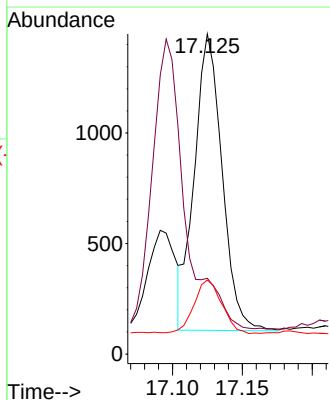
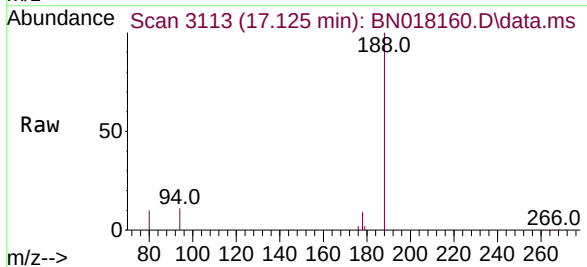
Instrument :
BNA_N
ClientSampleId :
BG3E1

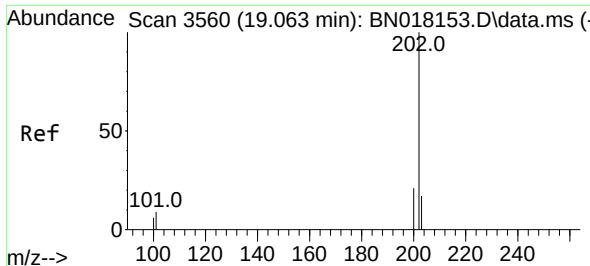
Tgt Ion:	178	Resp:	2831
Ion Ratio	Lower	Upper	
178	100		
179	19.2	12.4	18.6#
176	22.1	15.5	23.3



#16
Anthracene
Concen: 0.029 ng/ul
RT: 17.125 min Scan# 3113
Delta R.T. -0.006 min
Lab File: BN018160.D
Acq: 22 Dec 2021 20:47

Tgt Ion:	178	Resp:	1849
Ion Ratio	Lower	Upper	
178	100		
179	23.7	12.7	19.1#
176	23.1	15.3	22.9#

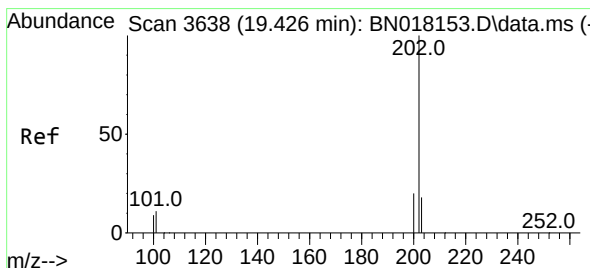
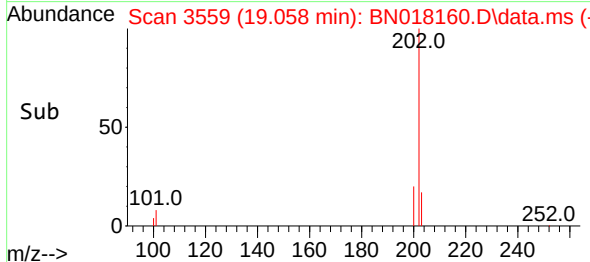
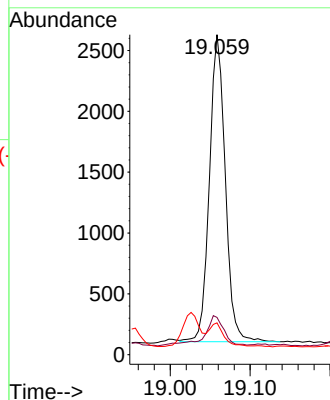
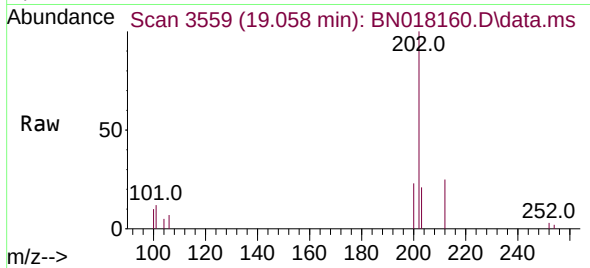




#19
Fluoranthene
Concen: 0.040 ng/ul
RT: 19.058 min Scan# 3559
Delta R.T. -0.001 min
Lab File: BN018160.D
Acq: 22 Dec 2021 20:47

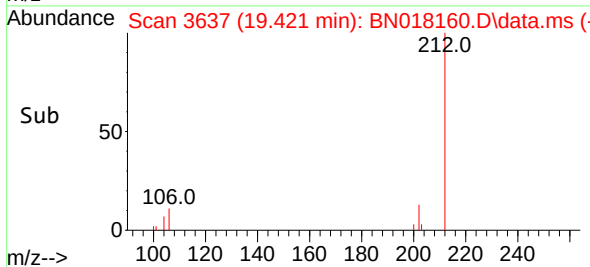
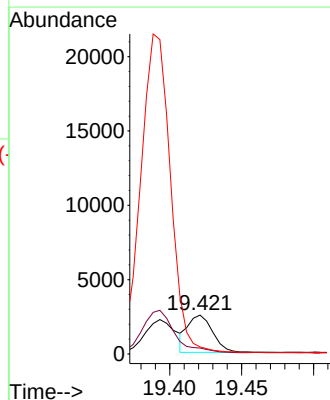
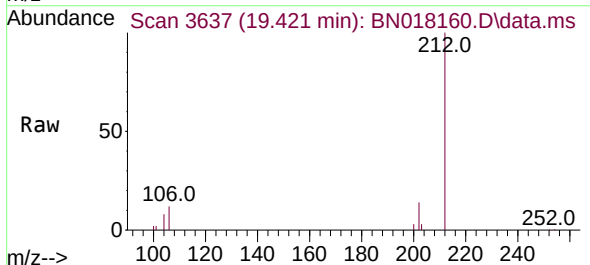
Instrument :
BNA_N
ClientSampleId :
BG3E1

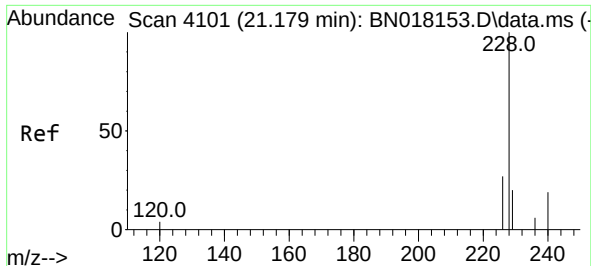
Tgt Ion:202 Resp: 3481
Ion Ratio Lower Upper
202 100
101 11.7 7.9 11.9
100 9.9 5.8 8.8#



#20
Pyrene
Concen: 0.034 ng/ul
RT: 19.421 min Scan# 3637
Delta R.T. -0.001 min
Lab File: BN018160.D
Acq: 22 Dec 2021 20:47

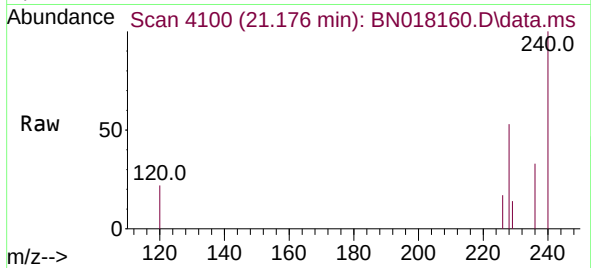
Tgt Ion:202 Resp: 3032
Ion Ratio Lower Upper
202 100
101 15.0 8.9 13.3#
100 17.9 7.0 10.4#



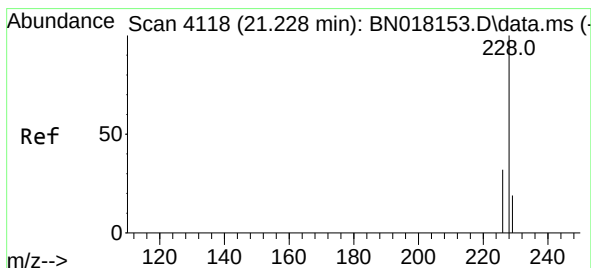
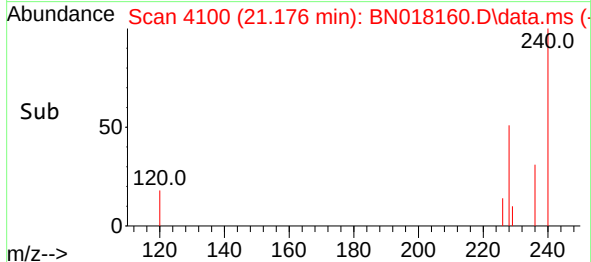
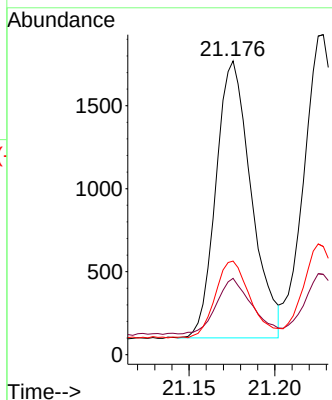


#21
Benzo(a)anthracene
Concen: 0.032 ng/u1
RT: 21.176 min Scan# 4100
Delta R.T. 0.002 min
Lab File: BN018160.D
Acq: 22 Dec 2021 20:47

Instrument :
BNA_N
ClientSampleId :
BG3E1

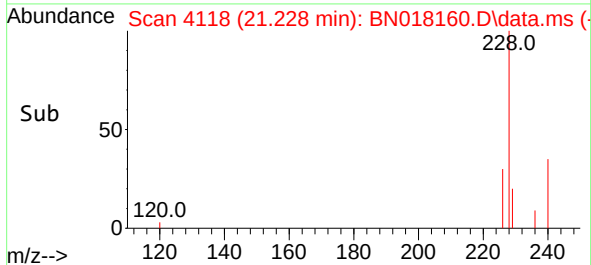
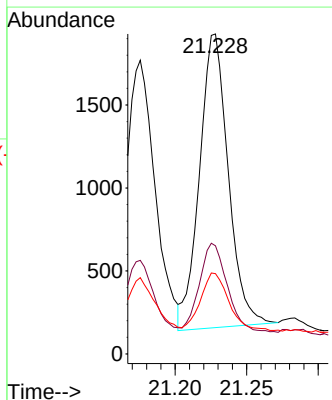
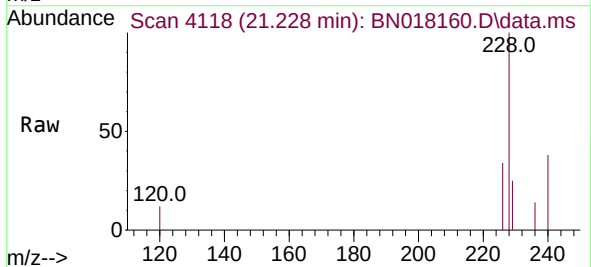


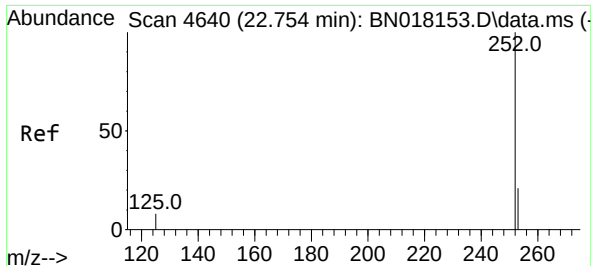
Tgt Ion:228 Resp: 2388
Ion Ratio Lower Upper
228 100
229 26.0 15.3 22.9#
226 31.9 22.1 33.1



#22
Chrysene
Concen: 0.027 ng/u1
RT: 21.228 min Scan# 4118
Delta R.T. 0.002 min
Lab File: BN018160.D
Acq: 22 Dec 2021 20:47

Tgt Ion:228 Resp: 2478
Ion Ratio Lower Upper
228 100
226 33.8 24.6 36.8
229 25.1 15.7 23.5#

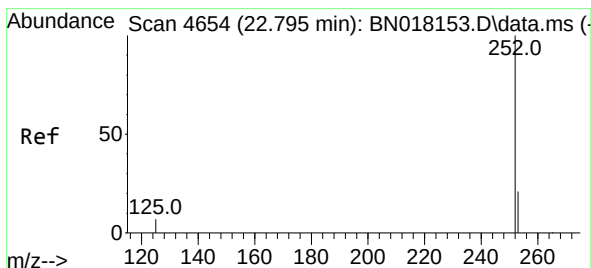
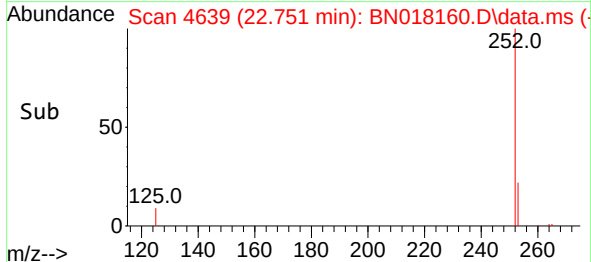
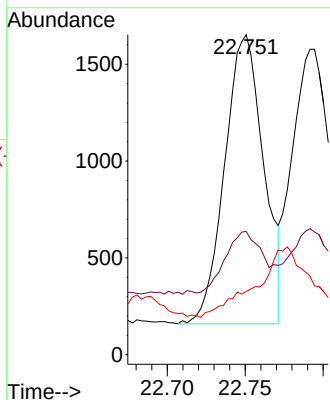
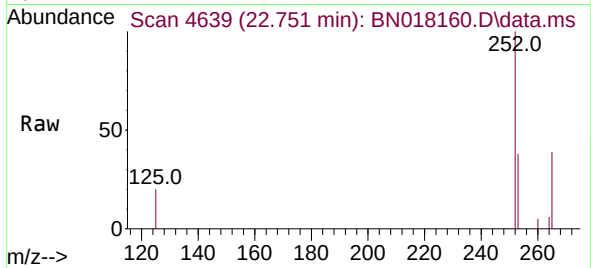




#24
Benzo(b)fluoranthene
Concen: 0.027 ng/ul
RT: 22.751 min Scan# 4639
Delta R.T. 0.005 min
Lab File: BN018160.D
Acq: 22 Dec 2021 20:47

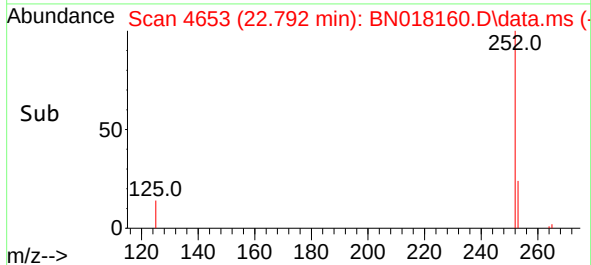
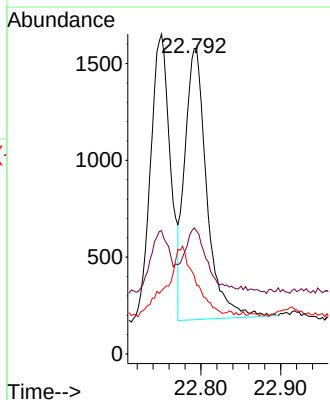
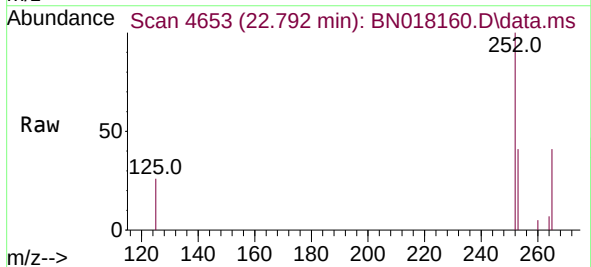
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BNA_N
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BG3E1

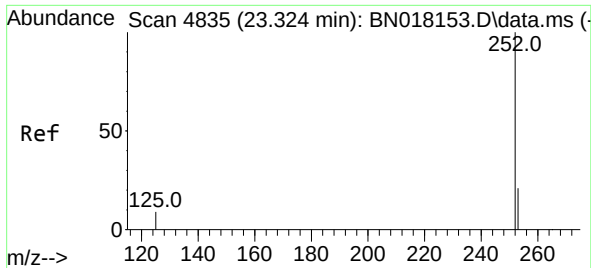
Tgt Ion:252 Resp: 2601
Ion Ratio Lower Upper
252 100
253 38.5 0.0 45.2
125 19.7 0.0 18.2#



#25
Benzo(k)fluoranthene
Concen: 0.022 ng/ul
RT: 22.792 min Scan# 4653
Delta R.T. 0.002 min
Lab File: BN018160.D
Acq: 22 Dec 2021 20:47

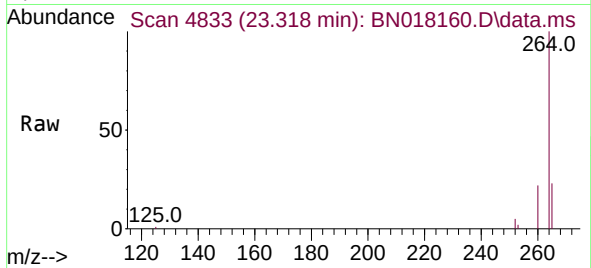
Tgt Ion:252 Resp: 2687
Ion Ratio Lower Upper
252 100
253 41.3 18.2 27.4#
125 25.7 7.7 11.5#



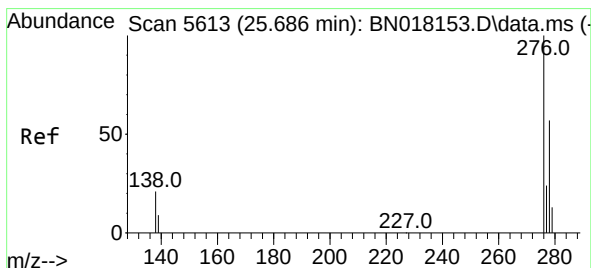
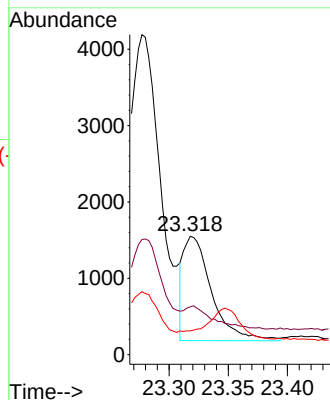
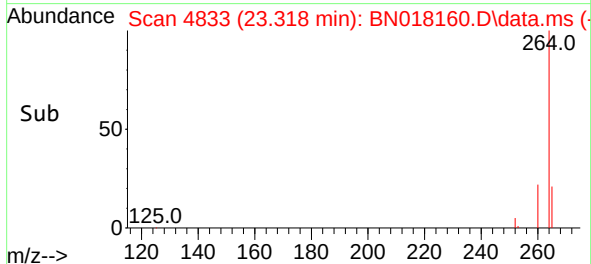


#26
Benzo(a)pyrene
Concen: 0.025 ng/ul
RT: 23.318 min Scan# 4833
Delta R.T. -0.001 min
Lab File: BN018160.D
Acq: 22 Dec 2021 20:47

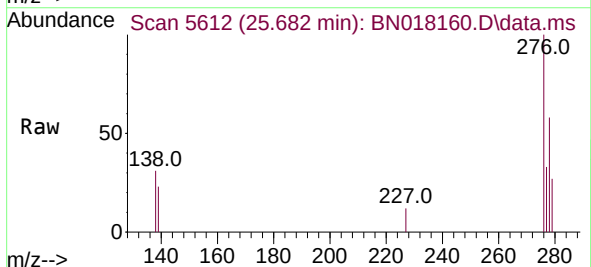
Instrument :
BNA_N
ClientSampleId :
BG3E1



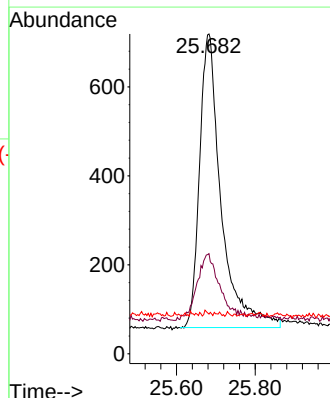
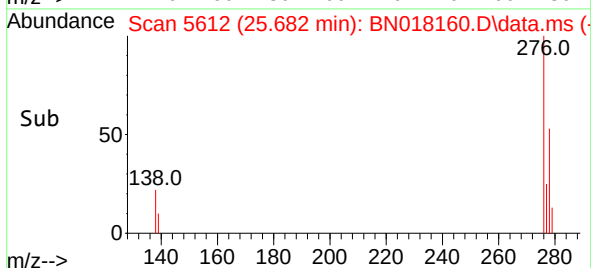
Tgt Ion:252 Resp: 2252
Ion Ratio Lower Upper
252 100
253 40.4 18.6 28.0#
125 20.2 8.8 13.2#

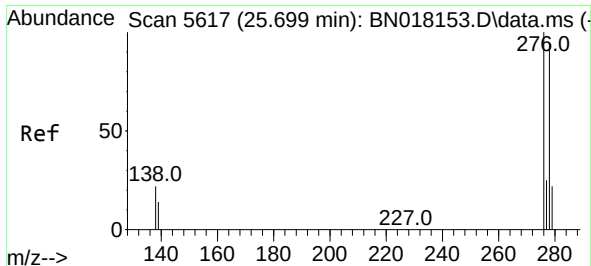


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.021 ng/ul
RT: 25.682 min Scan# 5612
Delta R.T. 0.005 min
Lab File: BN018160.D
Acq: 22 Dec 2021 20:47



Tgt Ion:276 Resp: 2505
Ion Ratio Lower Upper
276 100
138 24.6 17.7 26.5
227 0.4 0.1 0.1#





#28

Dibenzo(a,h)anthracene

Concen: 0.020 ng/ul

RT: 25.702 min Scan# 5617

Delta R.T. 0.005 min

Lab File: BN018160.D

Acq: 22 Dec 2021 20:47

Instrument :

BNA_N

ClientSampleId :

BG3E1

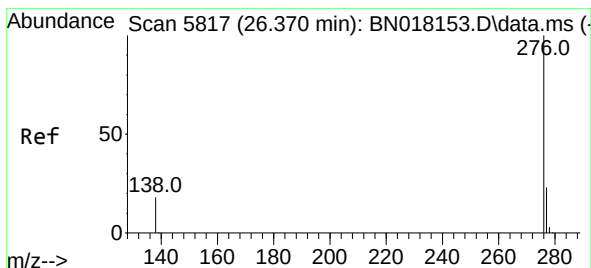
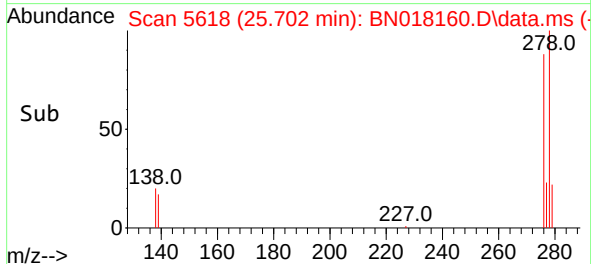
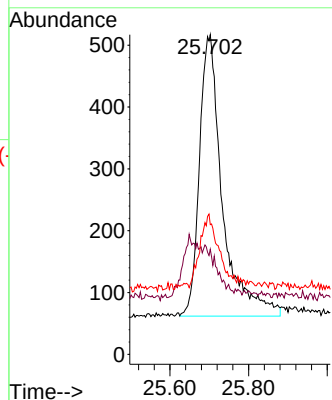
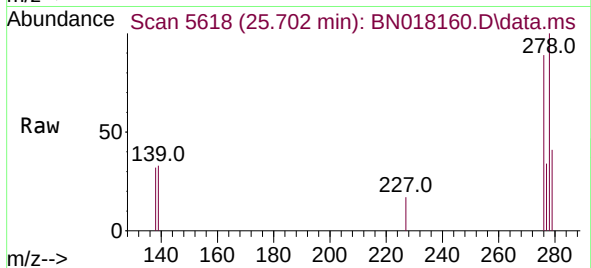
Tgt Ion:278 Resp: 1844

Ion Ratio Lower Upper

278 100

139 32.9 13.1 19.7#

279 40.6 20.6 31.0#



#29

Benzo(g,h,i)perylene

Concen: 0.023 ng/ul

RT: 26.366 min Scan# 5816

Delta R.T. -0.001 min

Lab File: BN018160.D

Acq: 22 Dec 2021 20:47

Tgt Ion:276 Resp: 2224

Ion Ratio Lower Upper

276 100

138 27.8 15.8 23.8#

277 31.1 19.7 29.5#

