

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121621\
 Data File : BN018046.D
 Acq On : 16 Dec 2021 04:45
 Operator : CG/JU
 Sample : M4995-06
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EW5R1

Quant Time: Dec 16 05:31:20 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN121621.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 15 17:47:27 2021
 Response via : Initial Calibration

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

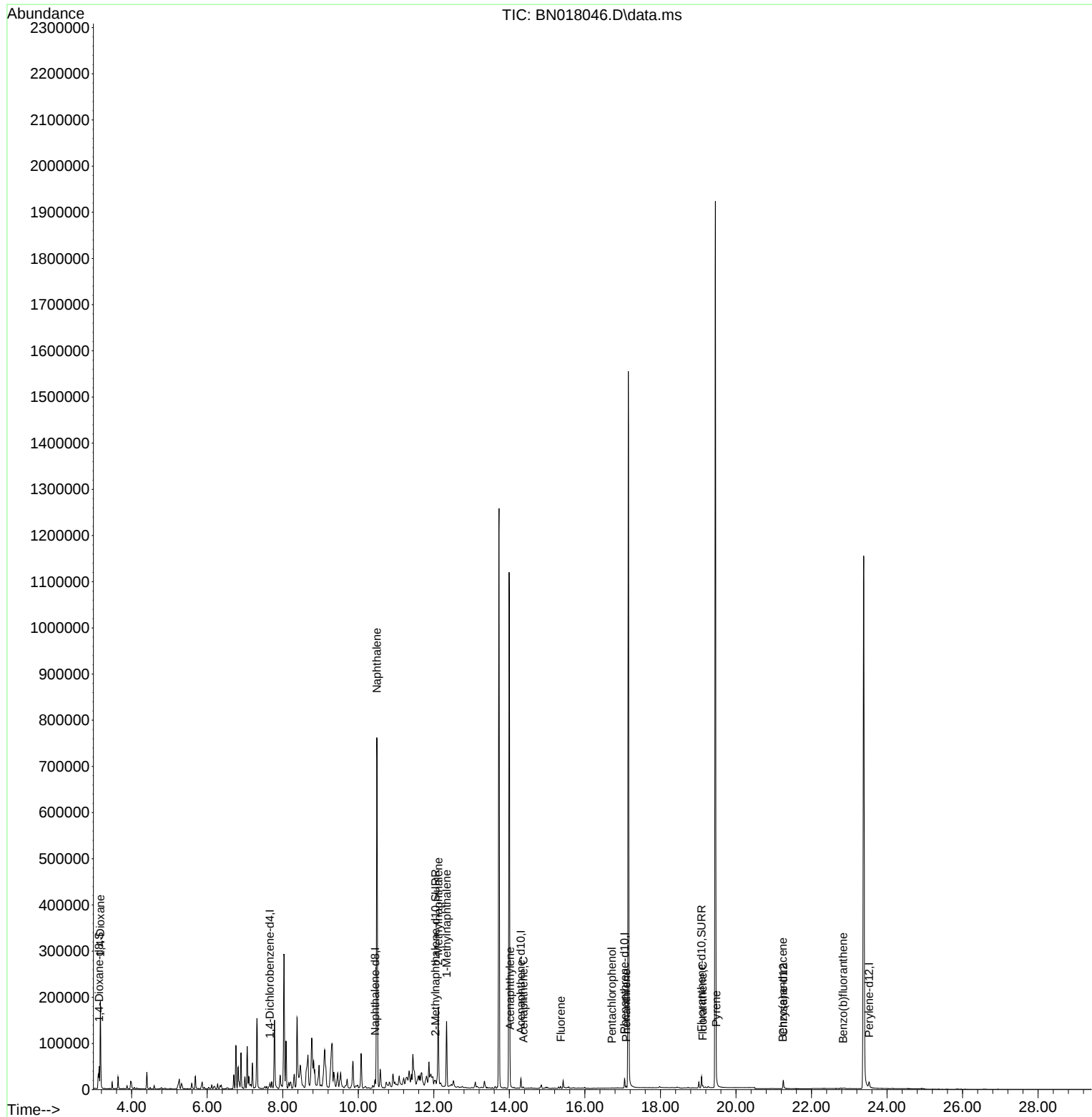
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.662	152	5164	0.400	ng/ul	0.00
4) Naphthalene-d8	10.443	136	16961	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.305	164	12052	0.400	ng/ul	# 0.00
13) Phenanthrene-d10	17.050	188	23792	0.400	ng/ul	#-0.02
17) Chrysene-d12	21.253	240	18169	0.400	ng/ul	#-0.01
23) Perylene-d12	23.527	264	17418	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.139	96	24126	4.500	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.044	152	8787	0.445	ng/ul	-0.02
18) Fluoranthene-d10	19.088	212	27399	0.529	ng/ul	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.173	88	111748	17.748	ng/ul#	42
5) Naphthalene	10.493	128	1020623	21.952	ng/ul	96
7) 2-Methylnaphthalene	12.121	142	121458	4.649	ng/ul	98
8) 1-Methylnaphthalene	12.341	142	97343	3.209	ng/ul	100
10) Acenaphthylene	14.023	152	1219	0.025	ng/ul#	25
11) Acenaphthene	14.370	153	2036	0.047	ng/ul	95
12) Fluorene	15.360	166	2628	0.055	ng/ul#	94
14) Pentachlorophenol	16.717	266	122	0.029	ng/ul	91
15) Phenanthrene	17.092	178	4196	0.051	ng/ul#	75
19) Fluoranthene	19.120	202	4455	0.061	ng/ul#	83
20) Pyrene	19.483	202	3694	0.045	ng/ul#	76
21) Benzo(a)anthracene	21.238	228	1741	0.032	ng/ul#	52
24) Benzo(b)fluoranthene	22.840	252	1699	0.024	ng/ul#	37

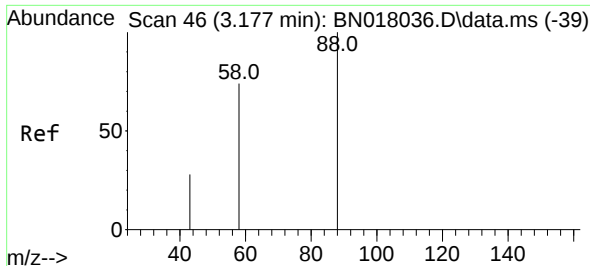
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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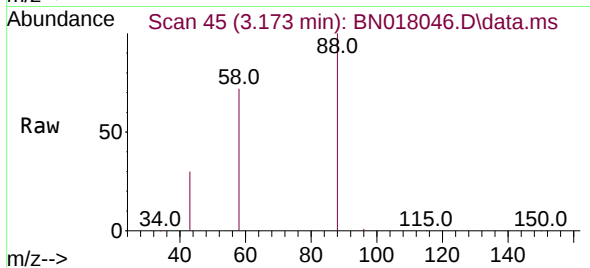
Quant Time: Dec 16 05:31:20 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN121621.M
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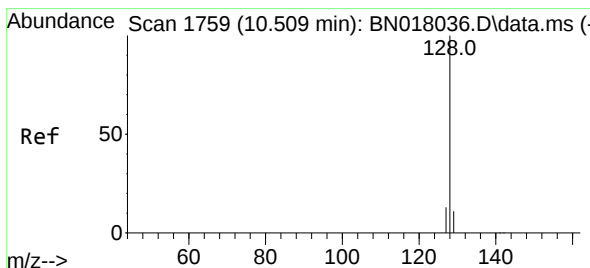
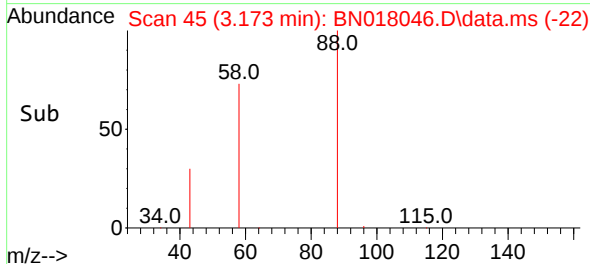
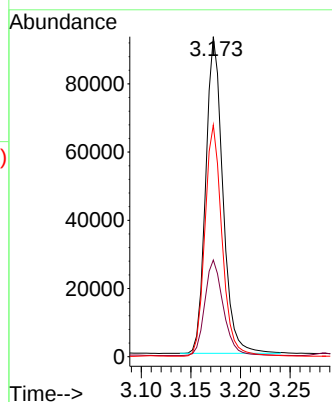


#2
1,4-Dioxane
Concen: 17.748 ng/ul
RT: 3.173 min Scan# 41
Delta R.T. -0.004 min
Lab File: BN018046.D
Acq: 16 Dec 2021 04:45

Instrument :
BNA_N
ClientSampleId :
EW5R1

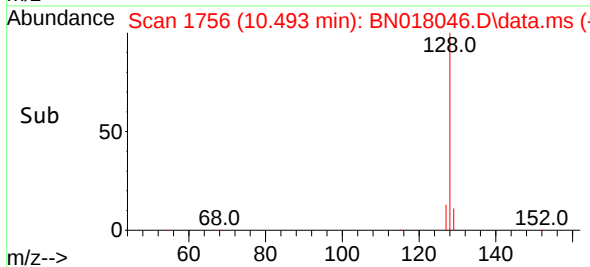
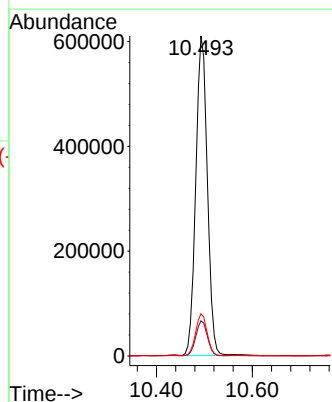
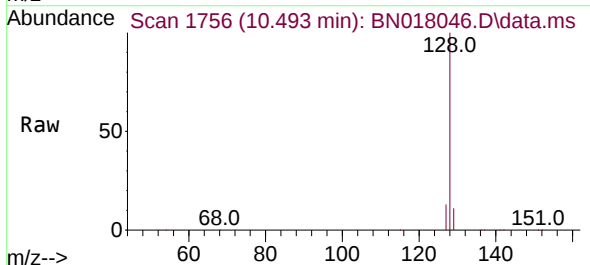


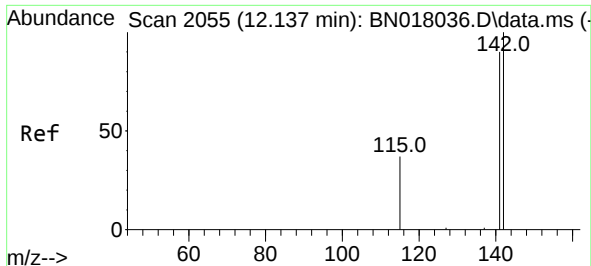
Tgt Ion: 88 Resp: 111748
Ion Ratio Lower Upper
88 100
43 30.2 85.8 128.6#
58 72.4 43.4 65.0#



#5
Naphthalene
Concen: 21.952 ng/ul
RT: 10.493 min Scan# 1756
Delta R.T. -0.016 min
Lab File: BN018046.D
Acq: 16 Dec 2021 04:45

Tgt Ion:128 Resp: 1020623
Ion Ratio Lower Upper
128 100
129 11.0 10.4 15.6
127 13.2 11.8 17.6

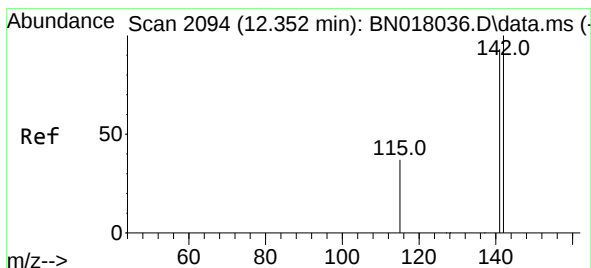
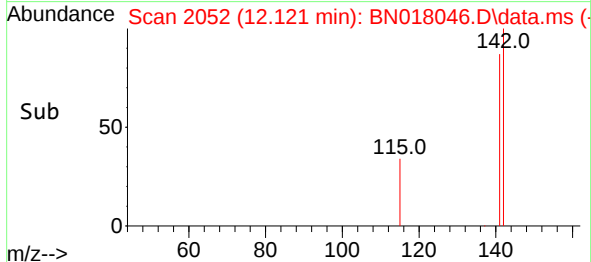
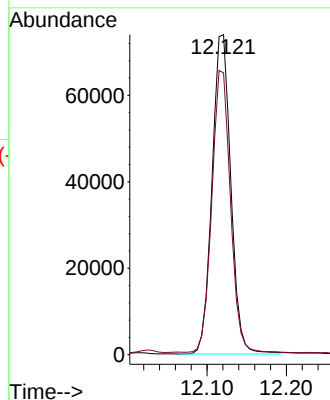
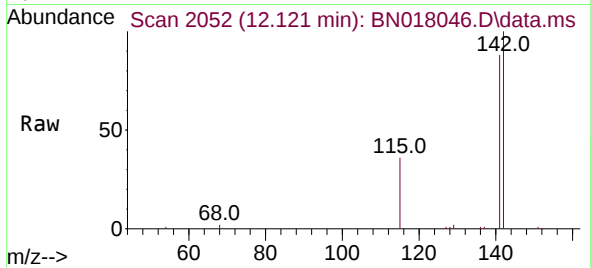




#7
2-Methylnaphthalene
Concen: 4.649 ng/ul
RT: 12.121 min Scan# 2052
Delta R.T. -0.016 min
Lab File: BN018046.D
Acq: 16 Dec 2021 04:45

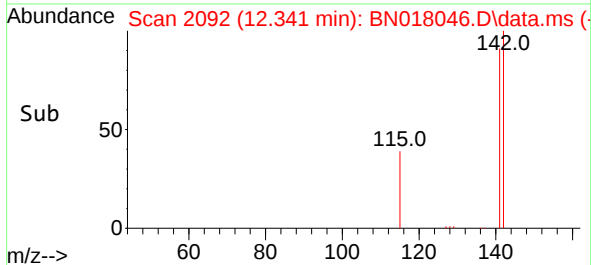
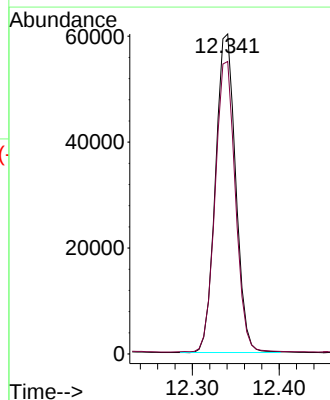
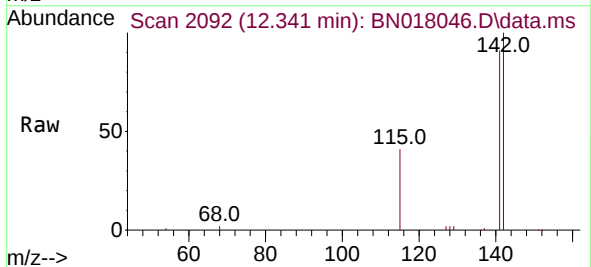
Instrument :
BNA_N
ClientSampleId :
EW5R1

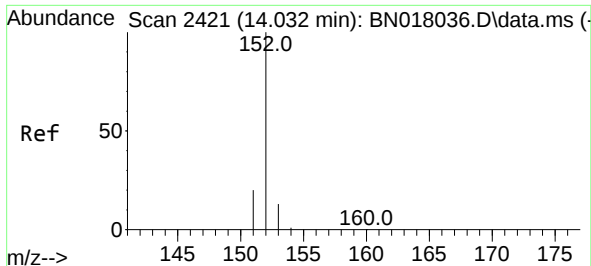
Tgt Ion:142 Resp: 121458
Ion Ratio Lower Upper
142 100
141 87.4 71.5 107.3



#8
1-Methylnaphthalene
Concen: 3.209 ng/ul
RT: 12.341 min Scan# 2092
Delta R.T. -0.011 min
Lab File: BN018046.D
Acq: 16 Dec 2021 04:45

Tgt Ion:142 Resp: 97343
Ion Ratio Lower Upper
142 100
141 91.4 73.3 109.9

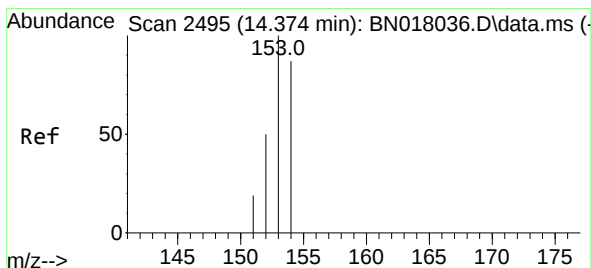
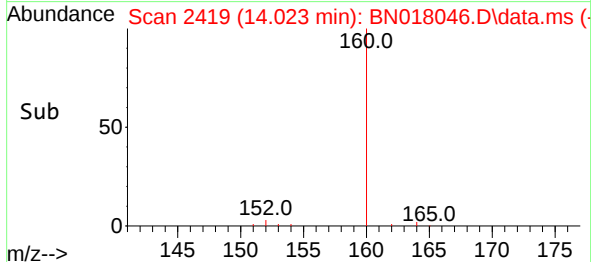
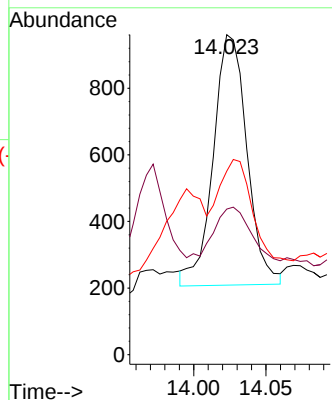
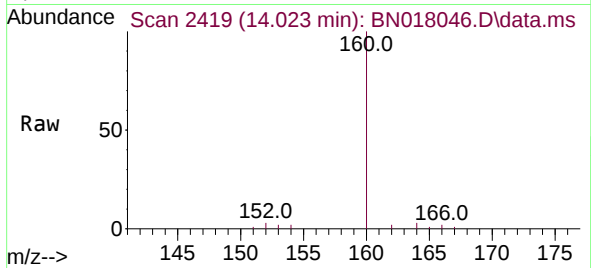




#10
Acenaphthylene
Concen: 0.025 ng/ul
RT: 14.023 min Scan# 2419
Delta R.T. -0.009 min
Lab File: BN018046.D
Acq: 16 Dec 2021 04:45

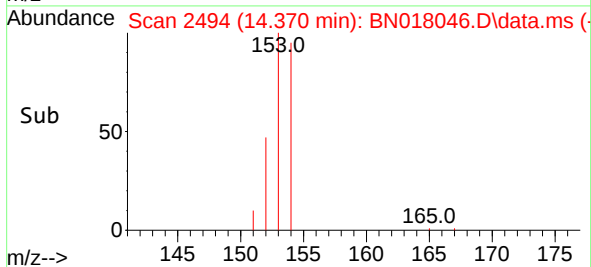
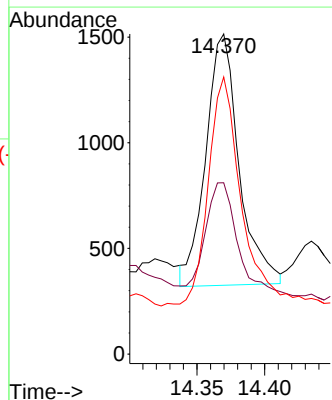
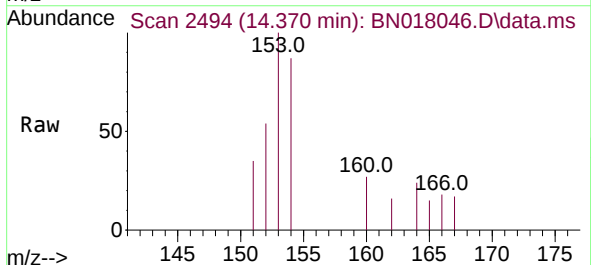
Instrument :
BNA_N
ClientSampleId :
EW5R1

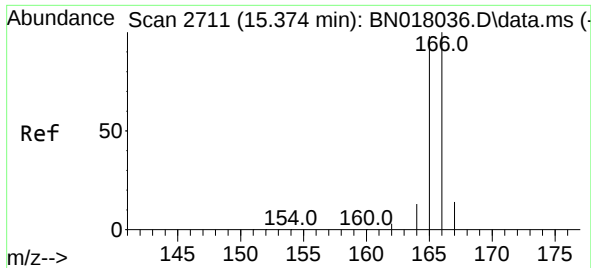
Tgt Ion:152 Resp: 1219
Ion Ratio Lower Upper
152 100
151 45.5 16.4 24.6#
153 57.3 11.1 16.7#



#11
Acenaphthene
Concen: 0.047 ng/ul
RT: 14.370 min Scan# 2494
Delta R.T. -0.005 min
Lab File: BN018046.D
Acq: 16 Dec 2021 04:45

Tgt Ion:153 Resp: 2036
Ion Ratio Lower Upper
153 100
152 53.5 38.3 57.5
154 86.5 71.1 106.7

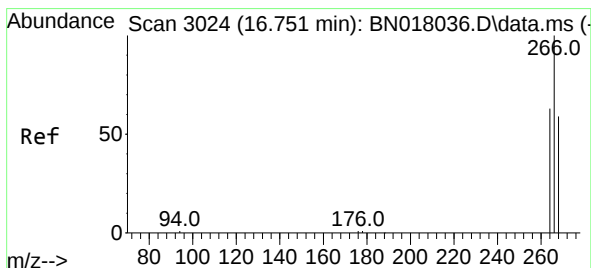
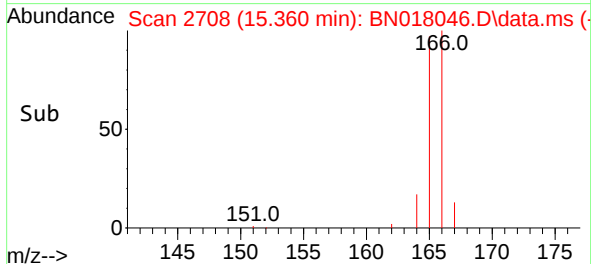
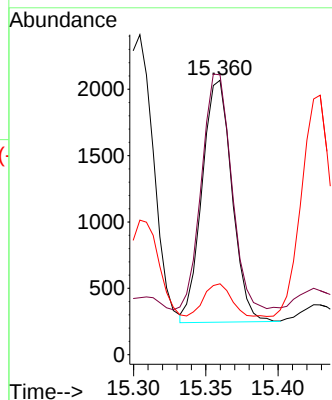
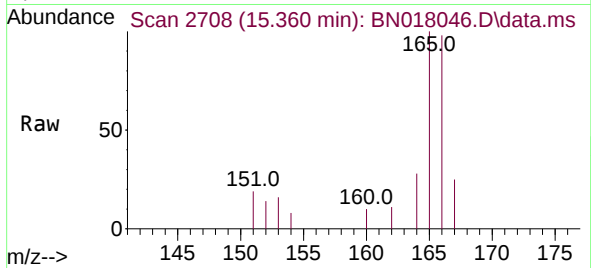




#12
Fluorene
Concen: 0.055 ng/ul
RT: 15.360 min Scan# 21
Delta R.T. -0.014 min
Lab File: BN018046.D
Acq: 16 Dec 2021 04:45

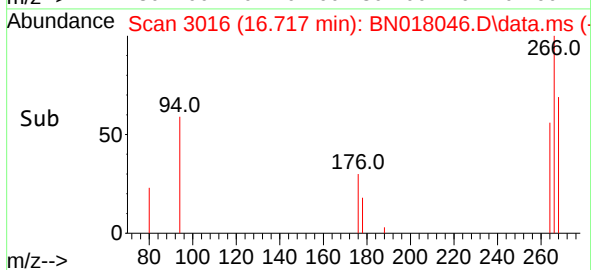
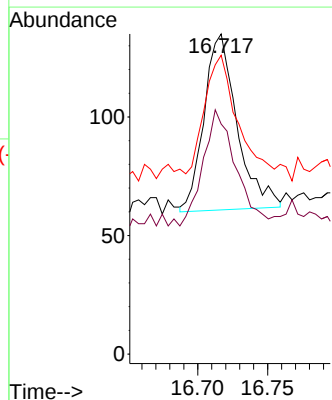
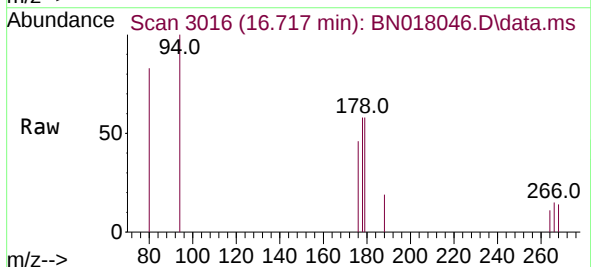
Instrument :
BNA_N
ClientSampleId :
EW5R1

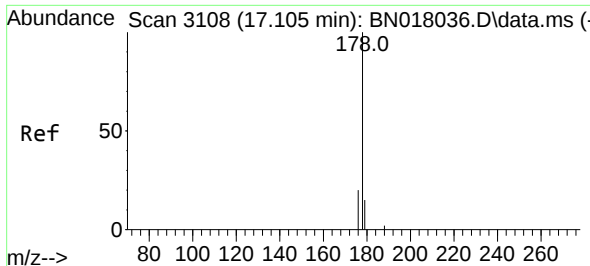
Tgt Ion:166 Resp: 2628
Ion Ratio Lower Upper
166 100
165 102.0 79.2 118.8
167 25.8 11.2 16.8#



#14
Pentachlorophenol
Concen: 0.029 ng/ul
RT: 16.717 min Scan# 3016
Delta R.T. -0.038 min
Lab File: BN018046.D
Acq: 16 Dec 2021 04:45

Tgt Ion:266 Resp: 122
Ion Ratio Lower Upper
266 100
264 66.4 50.3 75.5
268 76.2 52.2 78.4

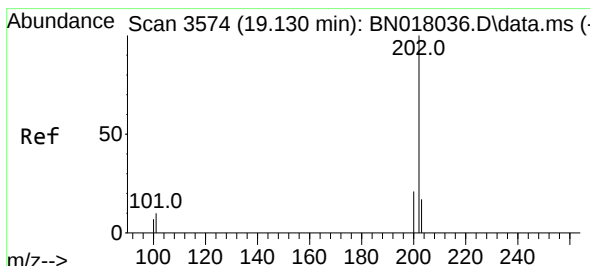
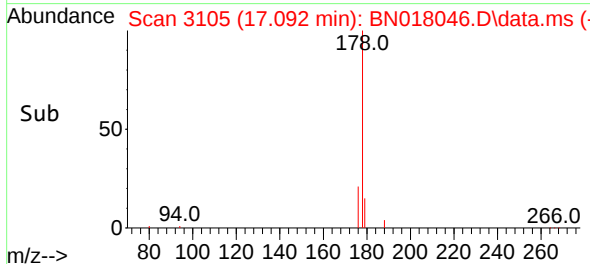
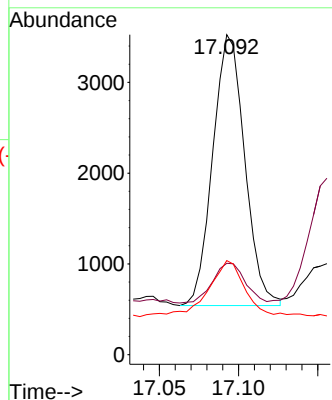
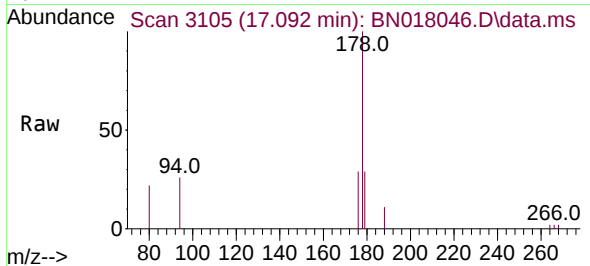




#15
Phenanthrene
Concen: 0.051 ng/ul
RT: 17.092 min Scan# 3105
Delta R.T. -0.017 min
Lab File: BN018046.D
Acq: 16 Dec 2021 04:45

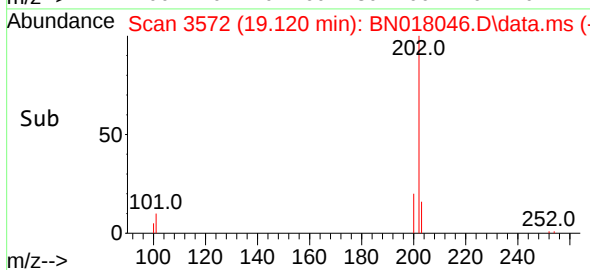
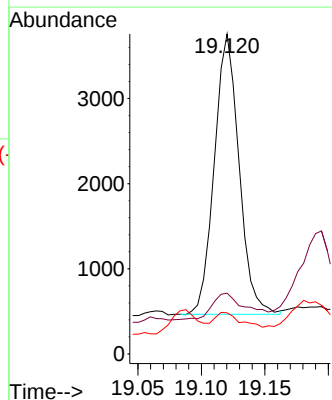
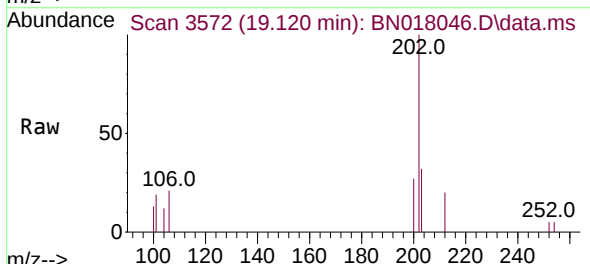
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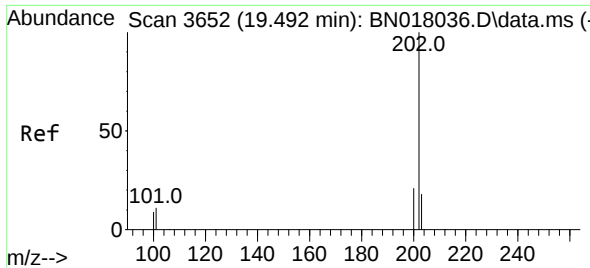
Tgt Ion:178 Resp: 4196
Ion Ratio Lower Upper
178 100
179 28.5 13.0 19.4#
176 29.4 15.6 23.4#



#19
Fluoranthene
Concen: 0.061 ng/ul
RT: 19.120 min Scan# 3572
Delta R.T. -0.009 min
Lab File: BN018046.D
Acq: 16 Dec 2021 04:45

Tgt Ion:202 Resp: 4455
Ion Ratio Lower Upper
202 100
101 19.0 9.0 13.4#
100 12.9 6.8 10.2#

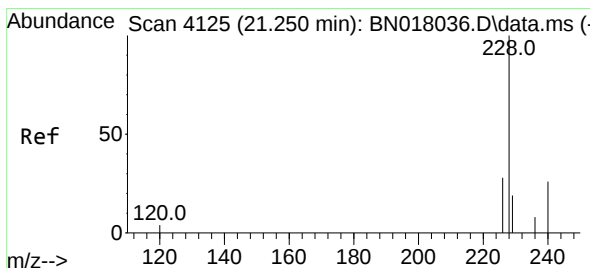
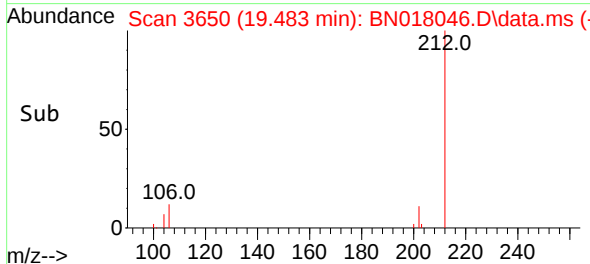
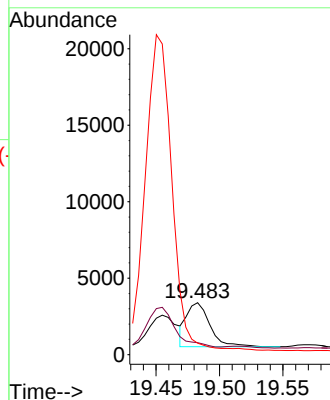
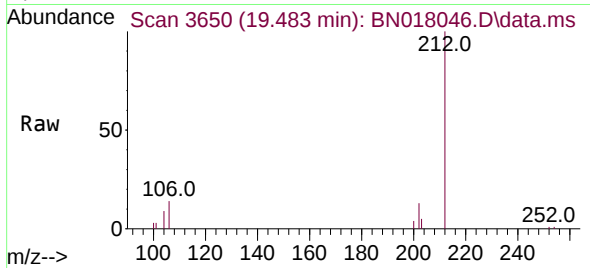




#20
Pyrene
Concen: 0.045 ng/ul
RT: 19.483 min Scan# 3650
Delta R.T. -0.009 min
Lab File: BN018046.D
Acq: 16 Dec 2021 04:45

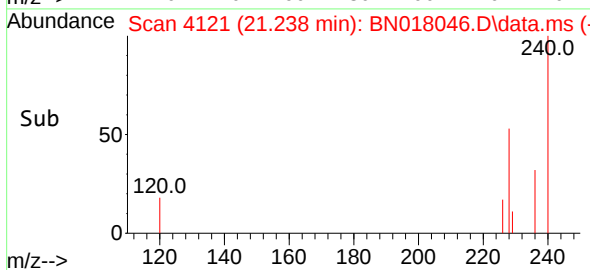
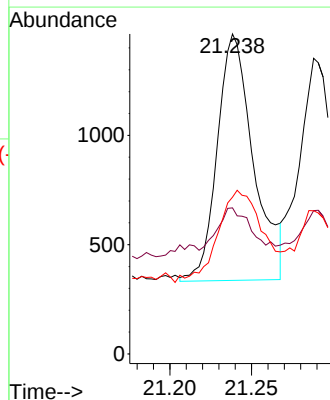
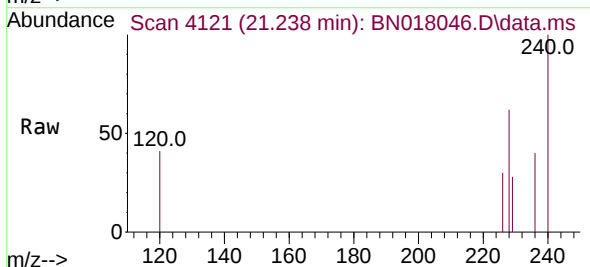
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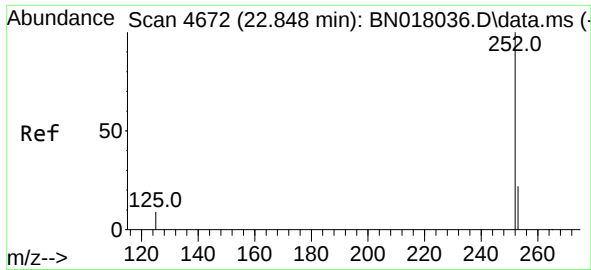
Tgt Ion:202 Resp: 3694
Ion Ratio Lower Upper
202 100
101 23.2 11.4 17.2#
100 22.3 9.4 14.0#



#21
Benzo(a)anthracene
Concen: 0.032 ng/ul
RT: 21.238 min Scan# 4121
Delta R.T. -0.012 min
Lab File: BN018046.D
Acq: 16 Dec 2021 04:45

Tgt Ion:228 Resp: 1741
Ion Ratio Lower Upper
228 100
229 45.6 15.8 23.6#
226 49.0 21.8 32.8#





#24

Benzo(b)fluoranthene

Concen: 0.024 ng/ul

RT: 22.840 min Scan# 4

Delta R.T. -0.012 min

Lab File: BN018046.D

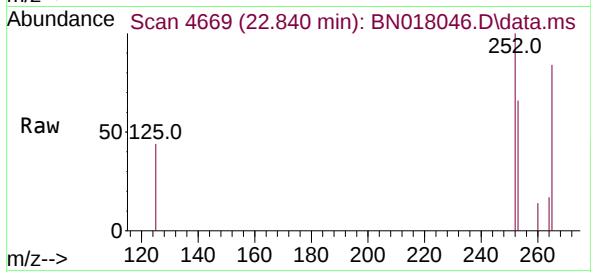
Acq: 16 Dec 2021 04:45

Instrument :

BNA_N

ClientSampleId :

EW5R1



Tgt Ion:252 Resp: 1699

Ion Ratio Lower Upper

252 100

253 66.2 0.0 57.6#

125 43.7 0.0 39.0#

