

Data File : BN004299.D
Acq On : 29 Dec 2018 13:49
Operator : JU/SJ
Sample : J6428-07
Misc : GCMS Confirmation
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A41W1

Quant Time: Dec 30 22:17:38 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN121218MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 28 03:12:04 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	26053	20.00	ng/ul	0.00
18) Naphthalene-d8	10.62	136	125266	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.46	164	89685	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.20	188	209888	20.00	ng/ul	0.00
77) Chrysene-d12	21.39	240	236790	20.00	ng/ul	0.00
85) Perylene-d12	23.72	264	211959	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	0.00	99	0	0.00	ng/ul	
7) Bis-(2-Chloroethyl)ether-d	0.00	67	0	0.00	ng/ul	
9) 2-Chlorophenol-d4	0.00	132	0	0.00	ng/ul	
13) 4-Methylphenol-d8	0.00	113	0	0.00	ng/ul	
19) Nitrobenzene-d5	0.00	128	0	0.00	ng/ul	
22) 2-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
26) 2,4-Dichlorophenol-d3	0.00	165	0	0.00	ng/ul	
29) 4-Chloroaniline-d4	0.00	131	0	0.00	ng/ul	
43) Dimethylphthalate-d6	0.00	166	0	0.00	ng/ul	
46) Acenaphthylene-d8	0.00	160	0	0.00	ng/ul	
51) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
57) Fluorene-d10	15.45	176	255	0.04	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
70) Anthracene-d10	17.20	188	209888	19.79	ng/ul	-0.11
78) Pyrene-d10	0.00	212	0	0.00	ng/ul	
89) Benzo(a)pyrene-d12	23.72	264	206561	17.96	ng/ul	0.15

Target Compounds

					Qvalue	
28) Naphthalene	10.66	128	11531	1.716	ng/ul	98
49) Acenaphthene	14.52	153	8712	1.352	ng/ul	99
53) Dibenzofuran	14.86	168	21105	2.308	ng/ul	98
58) Fluorene	15.51	166	21817	2.865	ng/ul	99
69) Phenanthrene	17.25	178	314273	25.915	ng/ul	100
71) Anthracene	17.34	178	21125	1.699	ng/ul	99
76) Fluoranthene	19.27	202	385303	25.921	ng/ul	100
79) Pyrene	19.63	202	220488	16.667	ng/ul	99
82) Benzo(a)anthracene	21.37	228	132676	8.985	ng/ul	99
84) Chrysene	21.43	228	143993	10.411	ng/ul	100
87) Benzo(b)fluoranthene	23.01	252	111072	8.748	ng/ul	97
88) Benzo(k)fluoranthene	23.01	252	111072	9.342	ng/ul#	96

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

Data File : BN004299.D

Acq On : 29 Dec 2018 13:49

Operator : JU/SJ

Sample : J6428-07

Misc : GCMS Confirmation

ALS Vial : 35 Sample Multiplier: 1

Instrument :

BNA_N

ClientSampleId :

A41W1

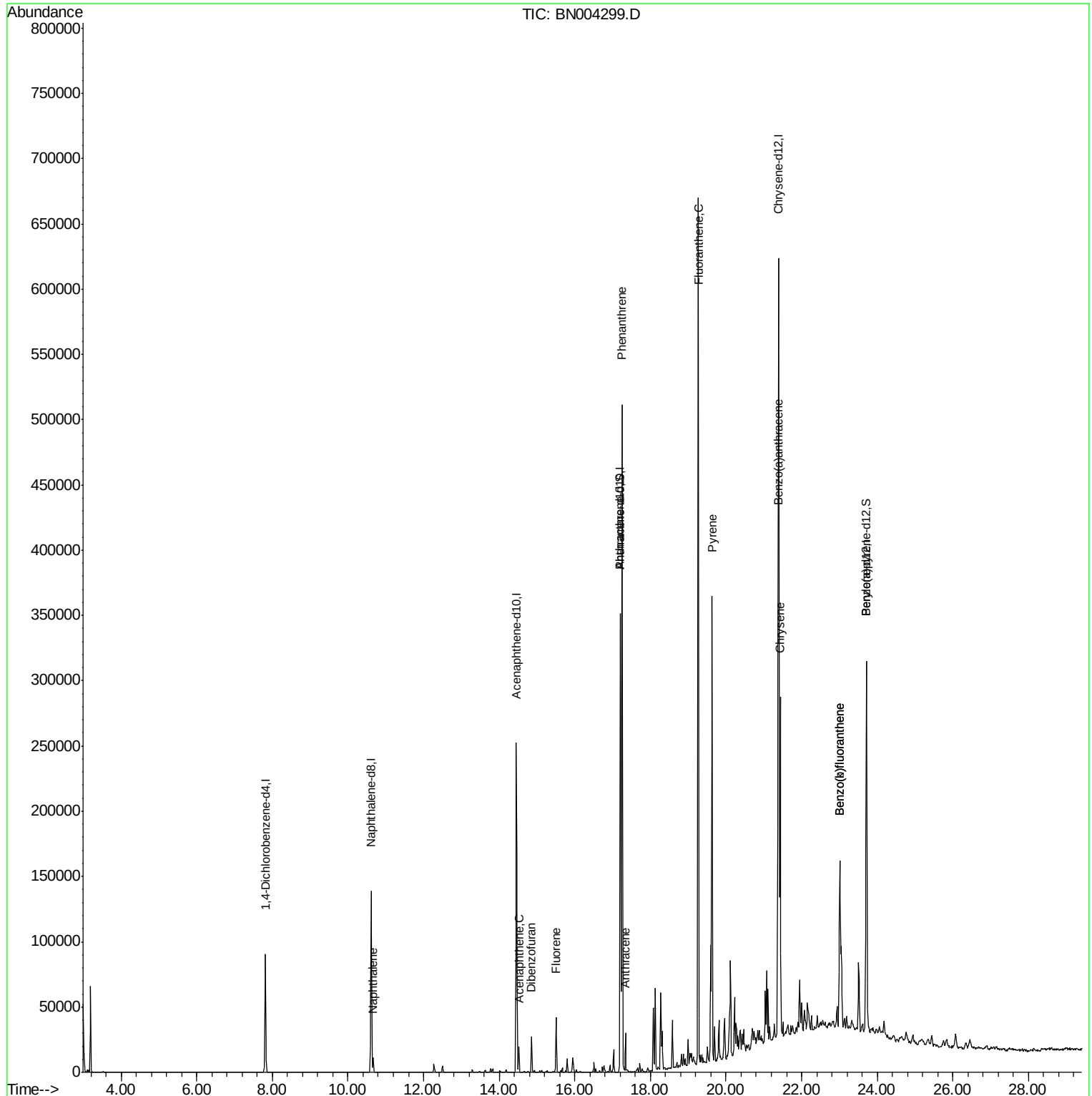
Quant Time: Dec 30 22:17:38 2018

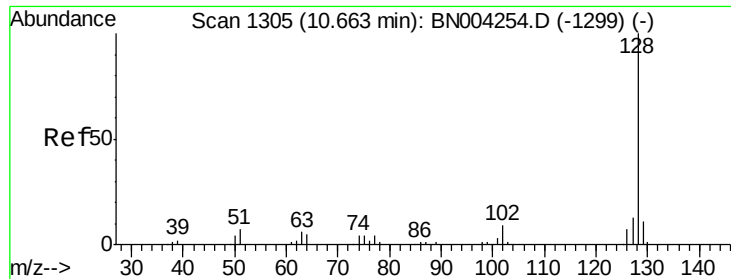
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN121218MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Fri Dec 28 03:12:04 2018

Response via : Initial Calibration

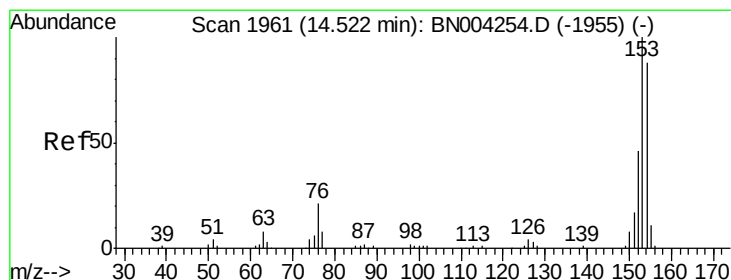
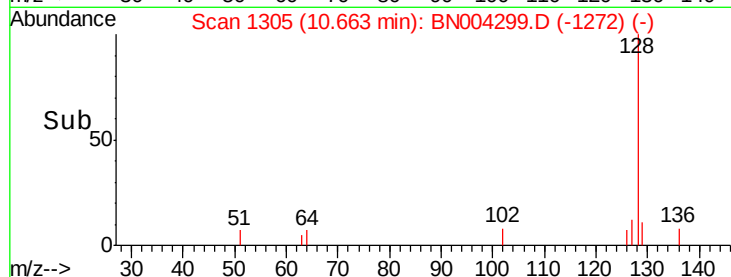
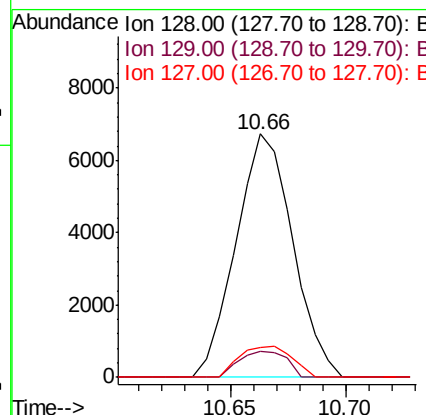
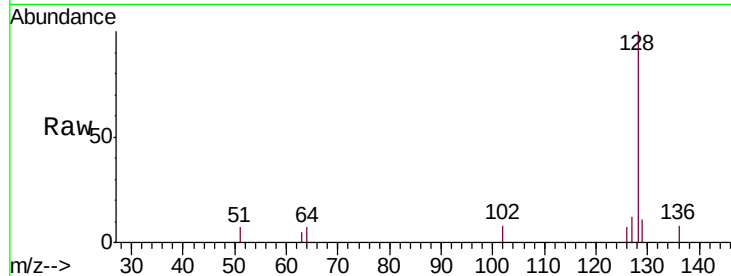




#28
Naphthalene
Concen: 1.716 ng/ul
RT: 10.66 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BN004299.D
Acq: 29 Dec 2018 13:49

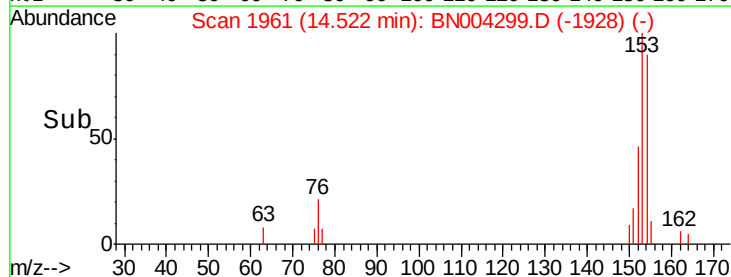
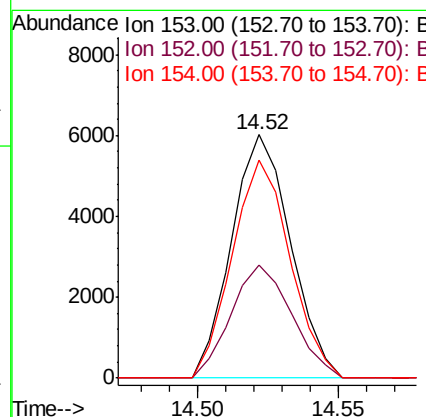
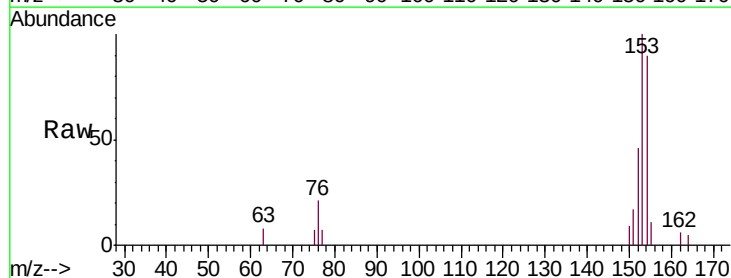
Instrument :
BNA_N
ClientSampleId :
A41W1

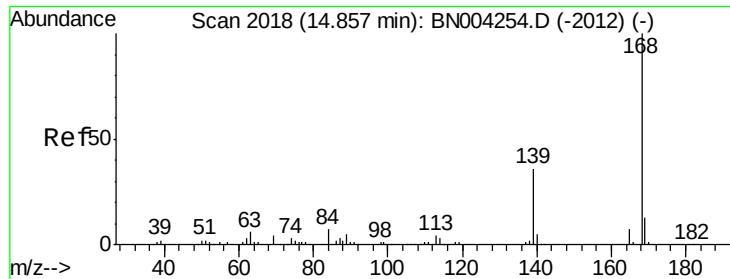
Tgt Ion:128 Resp: 11531
Ion Ratio Lower Upper
128 100
129 10.9 8.6 12.8
127 12.3 10.6 16.0



#49
Acenaphthene
Concen: 1.352 ng/ul
RT: 14.52 min Scan# 1961
Delta R.T. -0.01 min
Lab File: BN004299.D
Acq: 29 Dec 2018 13:49

Tgt Ion:153 Resp: 8712
Ion Ratio Lower Upper
153 100
152 46.5 37.8 56.6
154 89.6 71.0 106.6





#53

Dibenzenofuran

Concen: 2.308 ng/ul

RT: 14.86 min Scan# 2018

Delta R.T. -0.01 min

Lab File: BN004299.D

Acq: 29 Dec 2018 13:49

Instrument :

BNA_N

ClientSampleId :

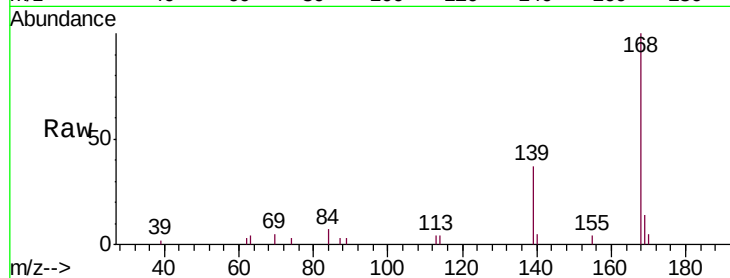
A41W1

Tgt Ion:168 Resp: 21105

Ion Ratio Lower Upper

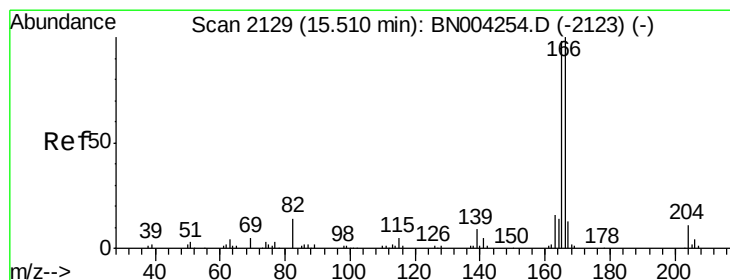
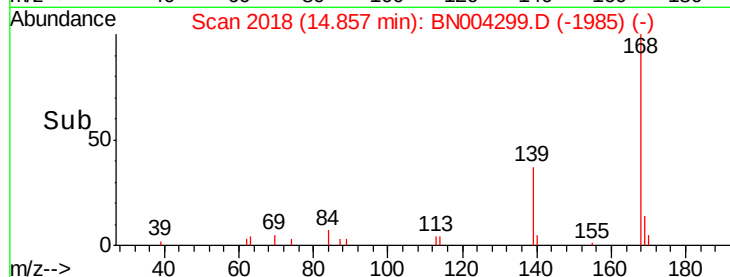
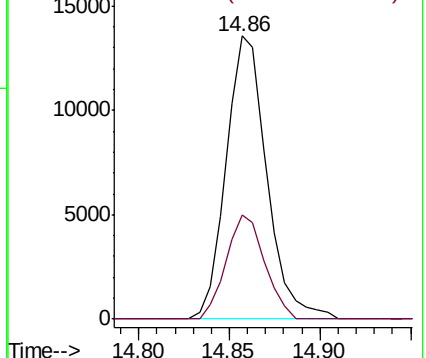
168 100

139 36.9 28.8 43.2



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E



#58

Fluorene

Concen: 2.865 ng/ul

RT: 15.51 min Scan# 2129

Delta R.T. -0.00 min

Lab File: BN004299.D

Acq: 29 Dec 2018 13:49

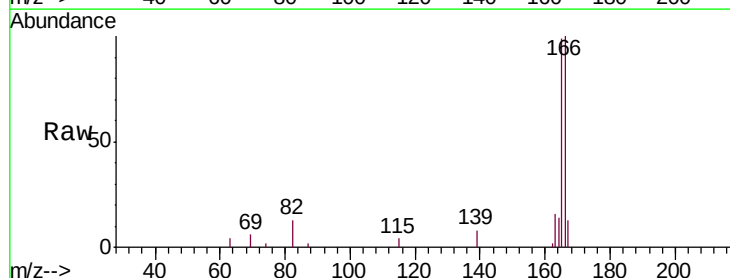
Tgt Ion:166 Resp: 21817

Ion Ratio Lower Upper

166 100

165 98.7 78.6 117.8

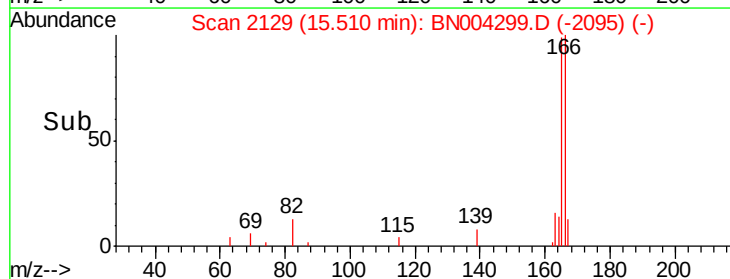
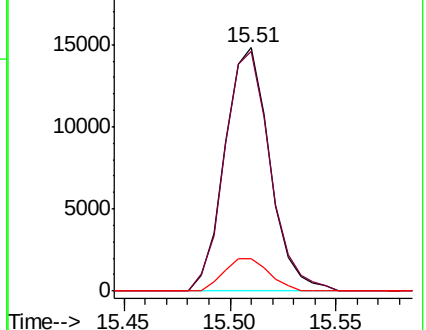
167 13.4 10.3 15.5

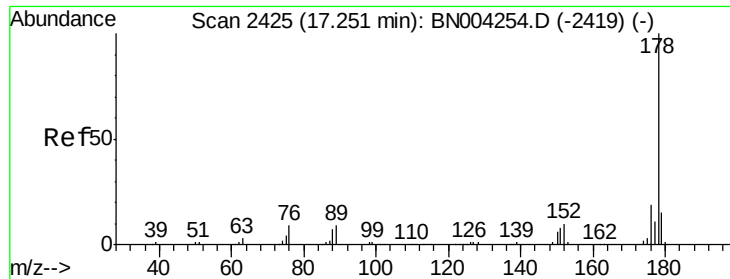


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#69

Phenanthrene

Concen: 25.915 ng/ul

RT: 17.25 min Scan# 2425

Delta R.T. -0.00 min

Lab File: BN004299.D

Acq: 29 Dec 2018 13:49

Instrument :

BNA_N

ClientSampleId :

A41W1

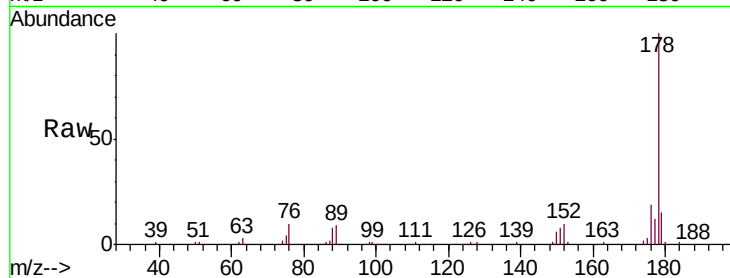
Tgt Ion:178 Resp: 314273

Ion Ratio Lower Upper

178 100

179 15.5 12.1 18.1

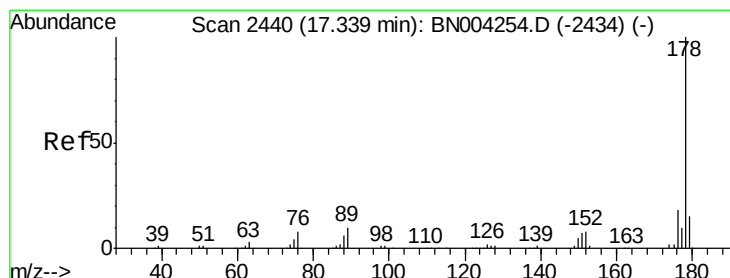
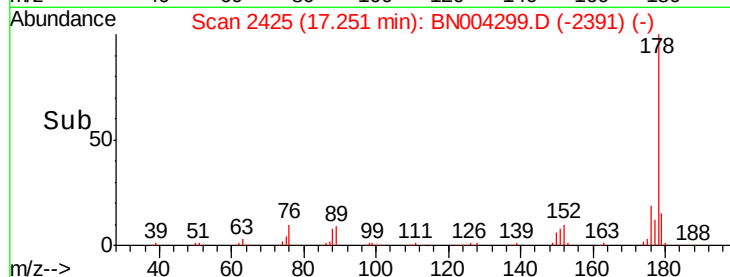
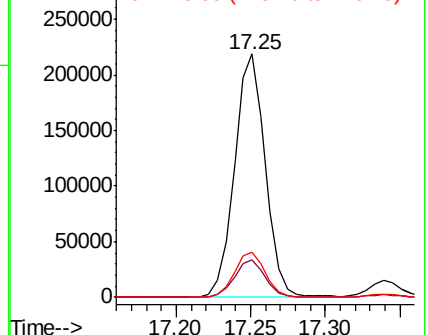
176 18.8 15.0 22.6



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#71

Anthracene

Concen: 1.699 ng/ul

RT: 17.34 min Scan# 2440

Delta R.T. -0.01 min

Lab File: BN004299.D

Acq: 29 Dec 2018 13:49

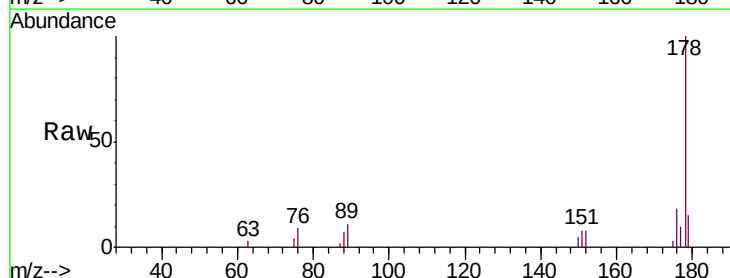
Tgt Ion:178 Resp: 21125

Ion Ratio Lower Upper

178 100

179 15.3 12.1 18.1

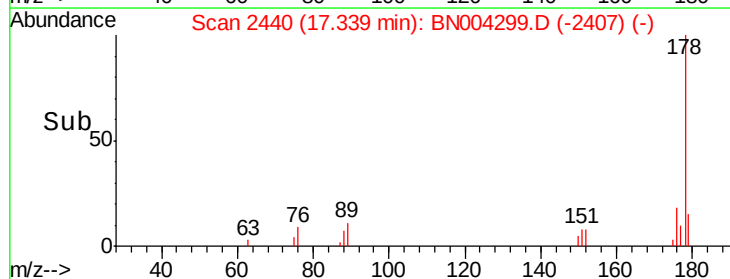
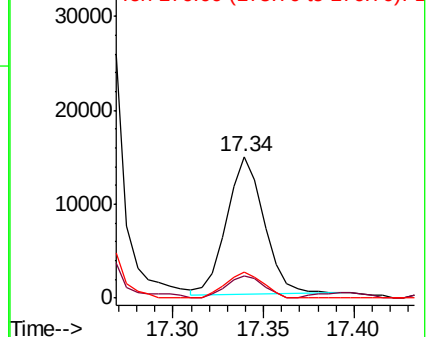
176 18.4 15.2 22.8

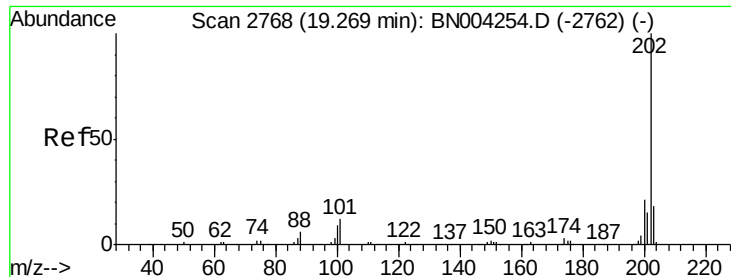


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#76

Fluoranthene

Concen: 25.921 ng/ul

RT: 19.27 min Scan# 2768

Delta R.T. -0.00 min

Lab File: BN004299.D

Acq: 29 Dec 2018 13:49

Instrument :

BNA_N

ClientSampleId :

A41W1

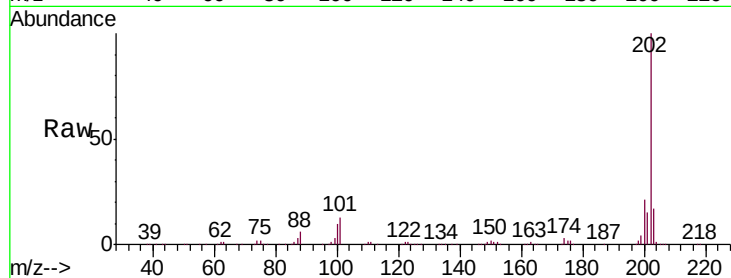
Tgt Ion:202 Resp: 385303

Ion Ratio Lower Upper

202 100

101 12.8 10.2 15.2

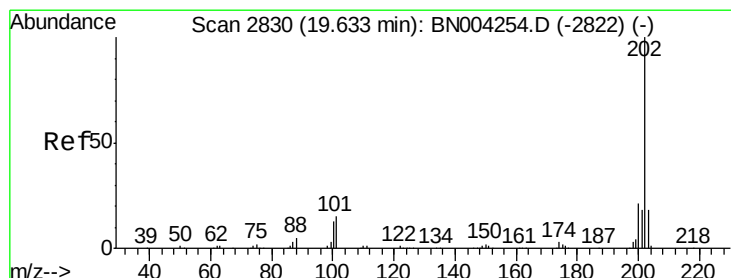
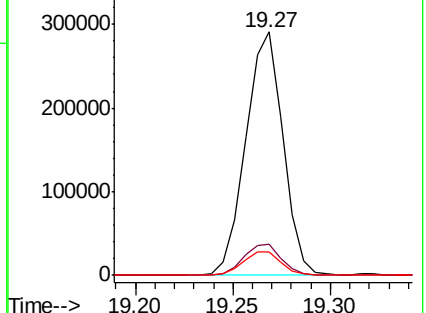
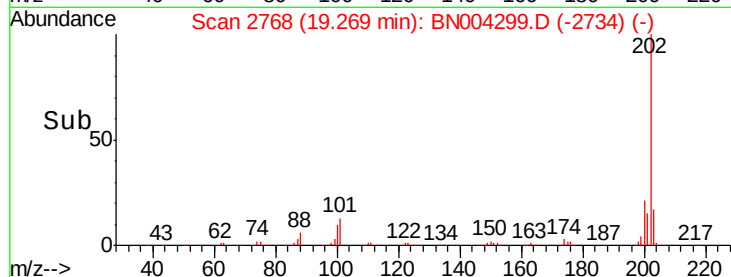
100 9.6 7.8 11.8



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#79

Pyrene

Concen: 16.667 ng/ul

RT: 19.63 min Scan# 2830

Delta R.T. -0.00 min

Lab File: BN004299.D

Acq: 29 Dec 2018 13:49

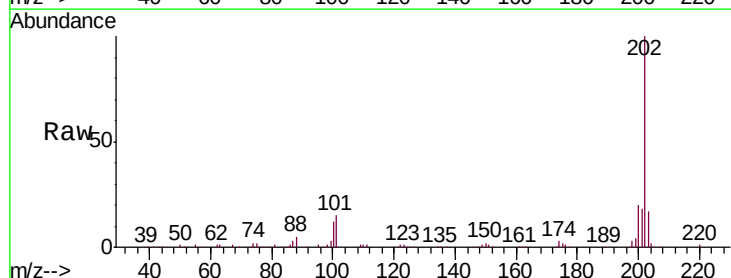
Tgt Ion:202 Resp: 220488

Ion Ratio Lower Upper

202 100

101 14.6 12.2 18.2

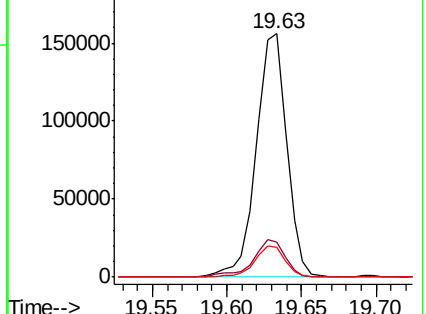
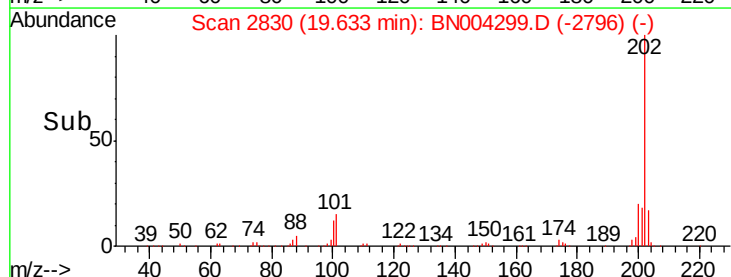
100 12.2 9.9 14.9

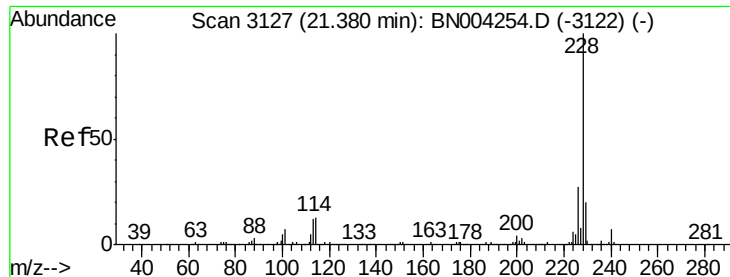


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#82

Benzo(a)anthracene

Concen: 8.985 ng/ul

RT: 21.37 min Scan# 3126

Delta R.T. -0.01 min

Lab File: BN004299.D

Acq: 29 Dec 2018 13:49

Instrument :

BNA_N

ClientSampleId :

A41W1

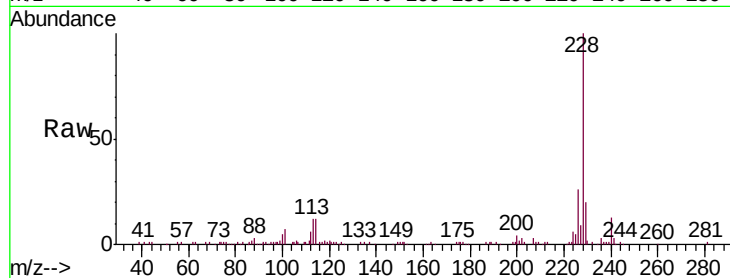
Tgt Ion:228 Resp: 132676

Ion Ratio Lower Upper

228 100

229 20.4 15.9 23.9

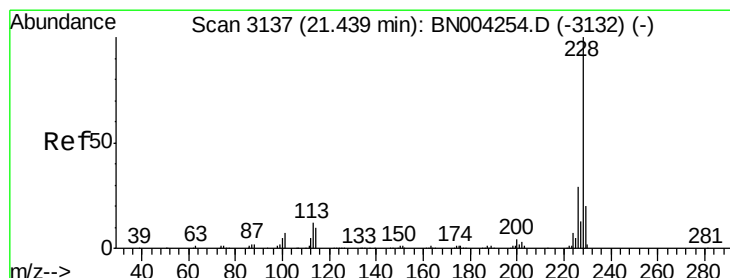
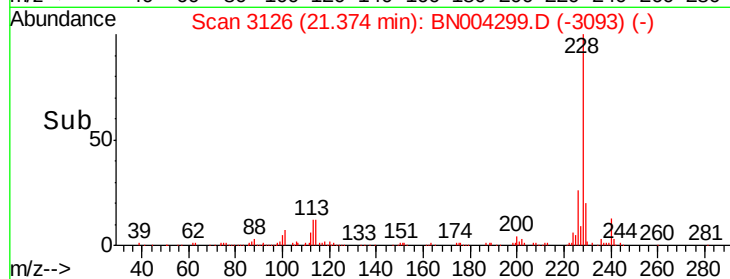
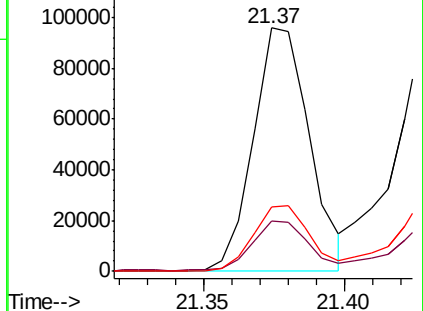
226 26.5 21.4 32.2



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E



#84

Chrysene

Concen: 10.411 ng/ul

RT: 21.43 min Scan# 3136

Delta R.T. -0.00 min

Lab File: BN004299.D

Acq: 29 Dec 2018 13:49

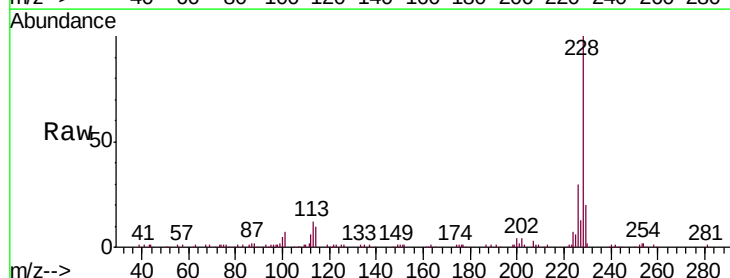
Tgt Ion:228 Resp: 143993

Ion Ratio Lower Upper

228 100

226 29.6 23.8 35.8

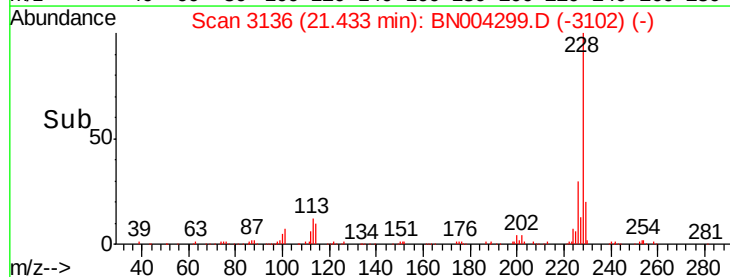
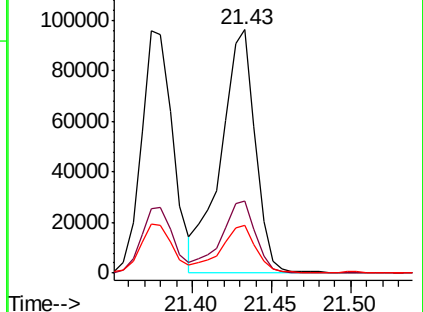
229 19.7 15.8 23.6

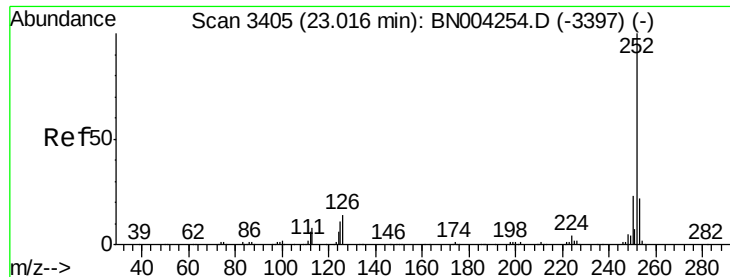


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#87

Benzo(b)fluoranthene

Concen: 8.748 ng/ul

RT: 23.01 min Scan# 3404

Delta R.T. -0.00 min

Lab File: BN004299.D

Acq: 29 Dec 2018 13:49

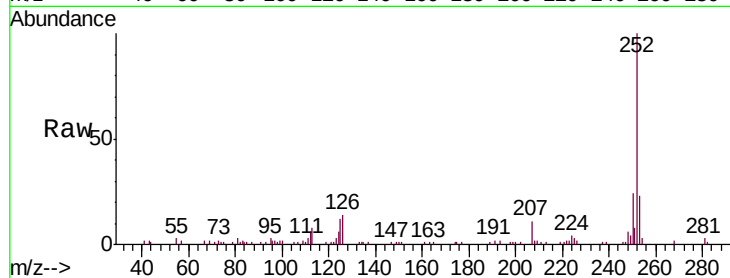
Instrument :

BNA_N

ClientSampleId :

A41W1

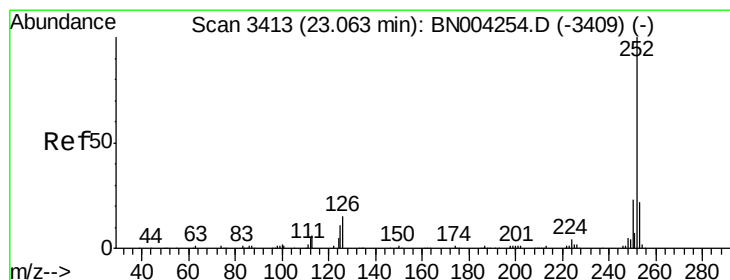
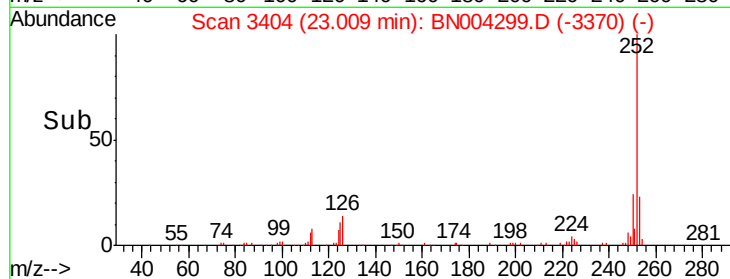
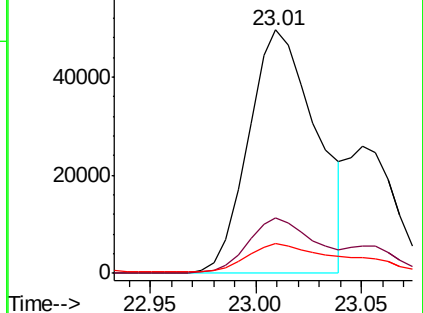
Tgt Ion:	252	Resp:	111072
Ion Ratio	Lower	Upper	
252	100		
253	22.7	17.3	25.9
125	12.2	8.2	12.4



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 9.342 ng/ul

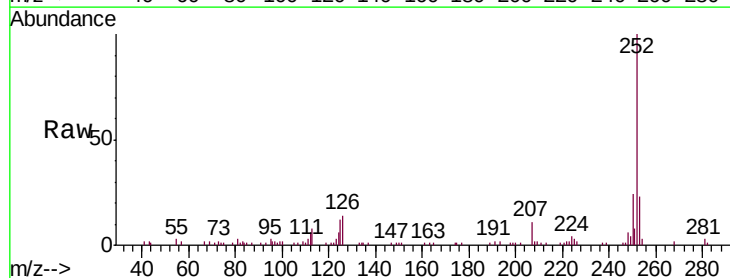
RT: 23.01 min Scan# 3404

Delta R.T. -0.05 min

Lab File: BN004299.D

Acq: 29 Dec 2018 13:49

Tgt Ion:	252	Resp:	111072
Ion Ratio	Lower	Upper	
252	100		
253	22.7	17.1	25.7
125	12.2	7.9	11.9#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

