

Data File : BN004444.D
Acq On : 18 Feb 2019 15:56
Operator : JU/SJ
Sample : K1492-17
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
CB5B9

Quant Time: Feb 19 06:20:21 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020719MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Feb 14 07:13:45 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	25002	20.00	ng/ul	0.00
18) Naphthalene-d8	10.53	136	133705	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.38	164	98123	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.13	188	244619	20.00	ng/ul	0.00
78) Chrysene-d12	21.33	240	338854	20.00	ng/ul	0.00
86) Perylene-d12	23.62	264	400010	20.00	ng/ul	0.02

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	
44) Dimethylphthalate-d6	0.00	166	0	0.00	ng/ul	
47) Acenaphthylene-d8	0.00	160	0	0.00	ng/ul	
52) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
58) Fluorene-d10	15.38	176	641	0.09	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
71) Anthracene-d10	17.13	188	244619	20.87	ng/ul	-0.11
79) Pyrene-d10	19.54	212	534	0.04	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.62	264	398008	18.96	ng/ul	0.16

Target Compounds

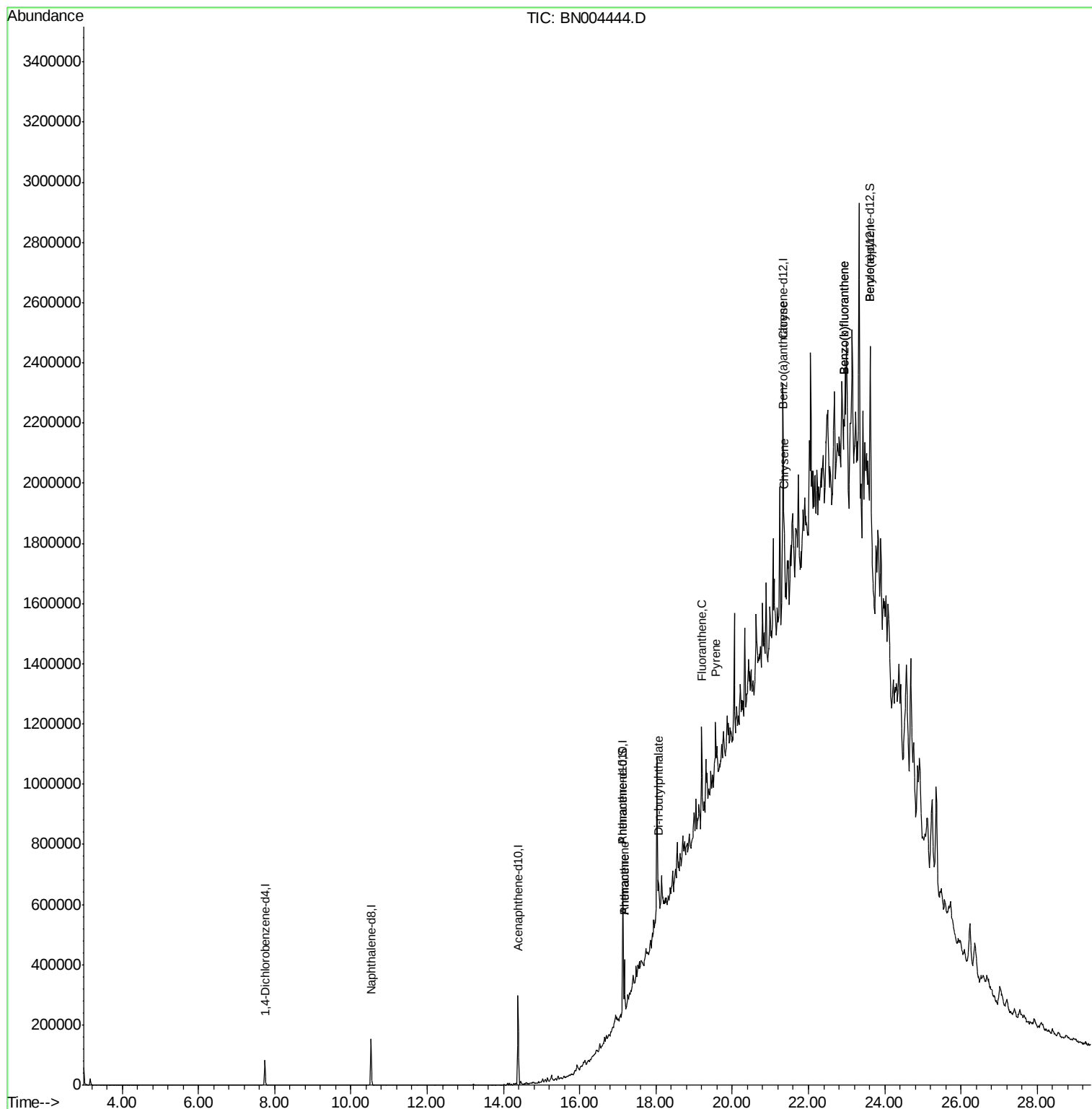
					Qvalue	
70) Phenanthrene	17.17	178	90469	6.666	ng/ul	98
72) Anthracene	17.17	178	90469	6.621	ng/ul	97
76) Di-n-butylphthalate	18.07	149	14430	1.077	ng/ul#	55
77) Fluoranthene	19.20	202	189851	11.363	ng/ul	97
80) Pyrene	19.56	202	138222	7.376	ng/ul	98
83) Benzo(a)anthracene	21.32	228	97804	4.683	ng/ul#	89
85) Chrysene	21.37	228	101144	5.102	ng/ul#	91
88) Benzo(b)fluoranthene	22.93	252	98446	4.156	ng/ul#	42
89) Benzo(k)fluoranthene	22.93	252	98446	4.275	ng/ul#	41

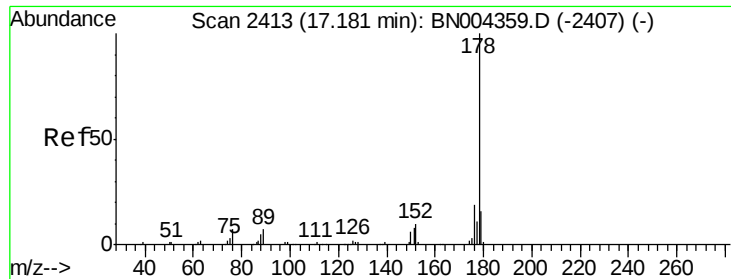
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : BN004444.D
Acq On : 18 Feb 2019 15:56
Operator : JU/SJ
Sample : K1492-17
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
CB5B9

Quant Time: Feb 19 06:20:21 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020719MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Feb 14 07:13:45 2019
Response via : Initial Calibration





#70

Phenanthrene

Concen: 6.666 ng/ul

RT: 17.17 min Scan# 2412

Delta R.T. 0.00 min

Lab File: BN004444.D

Acq: 18 Feb 2019 15:56

Instrument :

BNA_N

ClientSampleId :

CB5B9

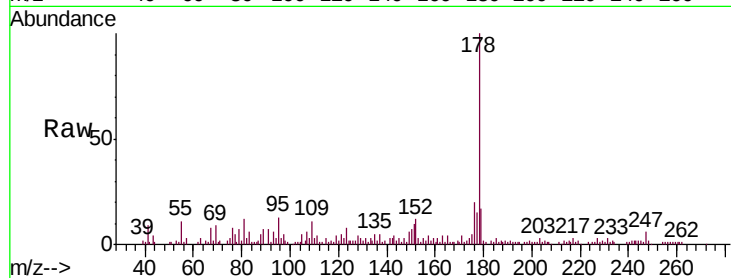
Tgt Ion:178 Resp: 90469

Ion Ratio Lower Upper

178 100

179 16.8 12.3 18.5

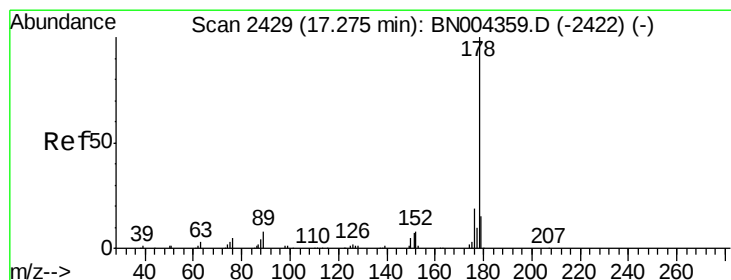
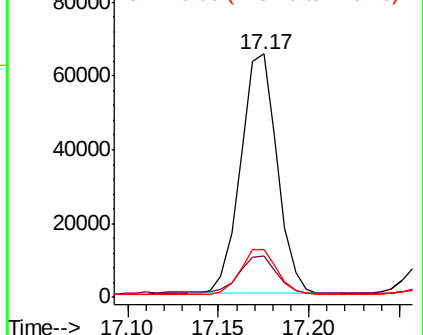
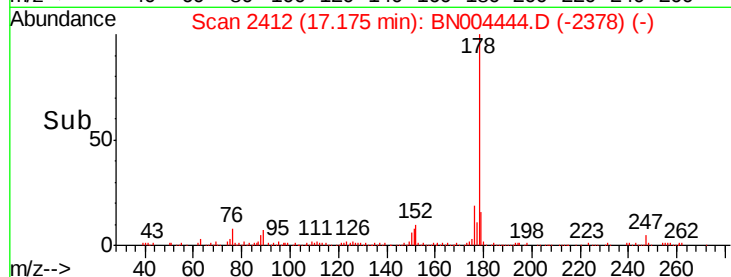
176 19.5 15.4 23.0



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



#72

Anthracene

Concen: 6.621 ng/ul

RT: 17.17 min Scan# 2412

Delta R.T. -0.09 min

Lab File: BN004444.D

Acq: 18 Feb 2019 15:56

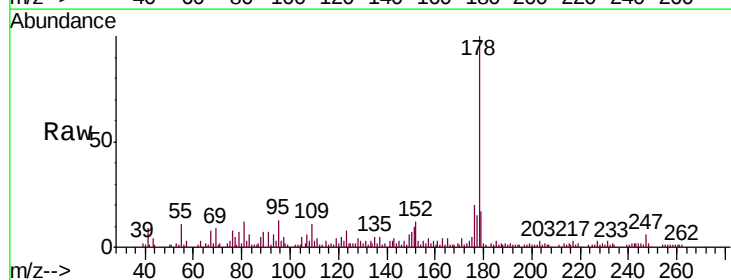
Tgt Ion:178 Resp: 90469

Ion Ratio Lower Upper

178 100

179 16.8 12.2 18.4

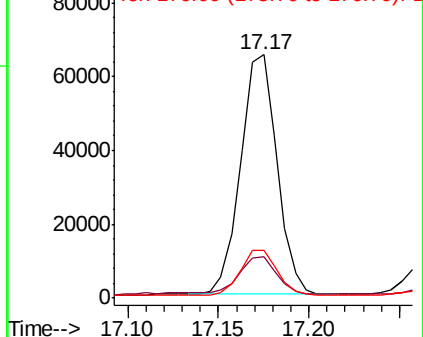
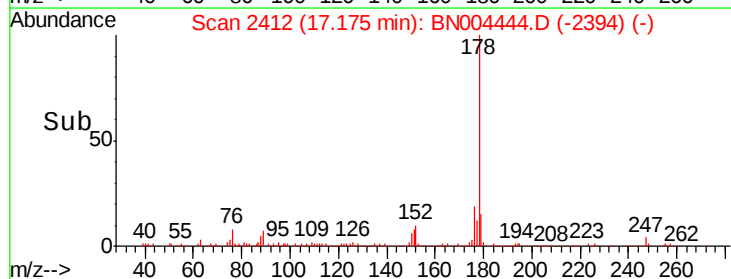
176 19.5 14.9 22.3

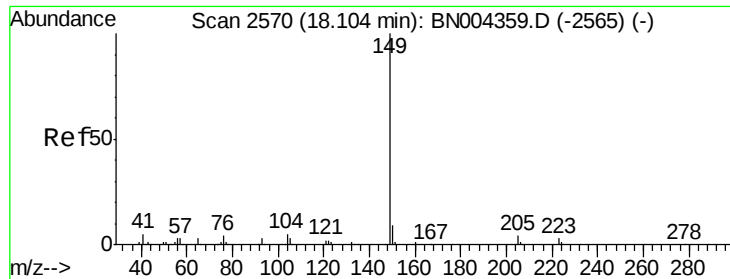


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

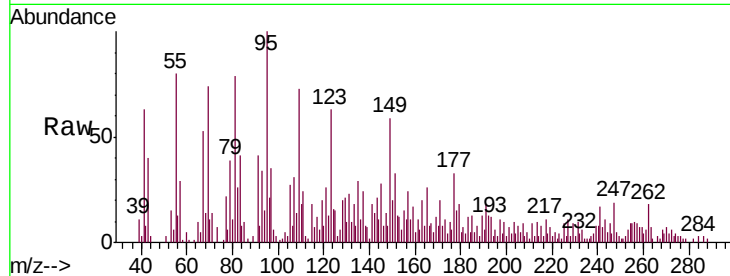




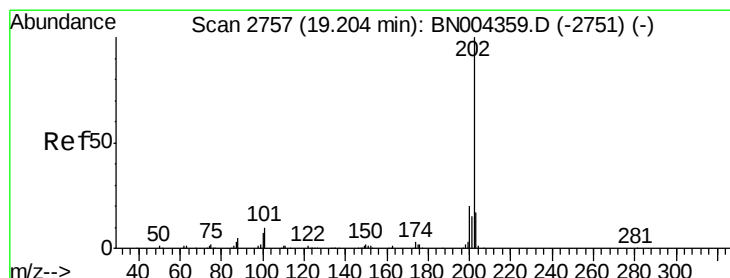
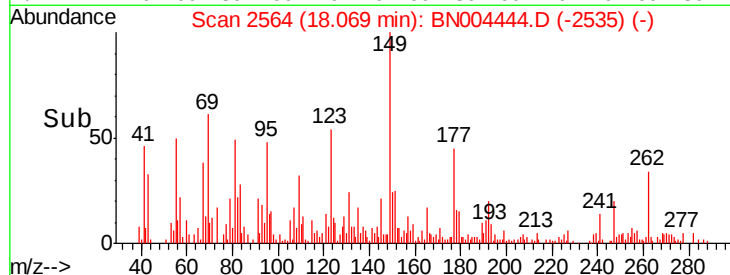
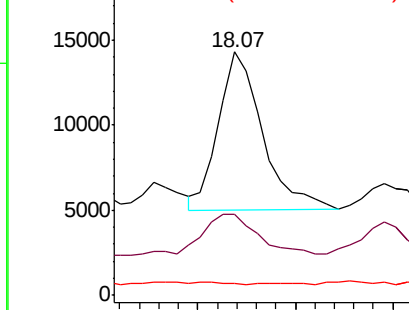
#76
Di-n-butylphthalate
Concen: 1.077 ng/ul
RT: 18.07 min Scan# 2564
Delta R.T. -0.03 min
Lab File: BN004444.D
Acq: 18 Feb 2019 15:56

Instrument :
BNA_N
ClientSampleId :
CB5B9

Tgt Ion:149 Resp: 14430
Ion Ratio Lower Upper
149 100
150 33.3 7.4 11.0#
104 5.1 3.7 5.5

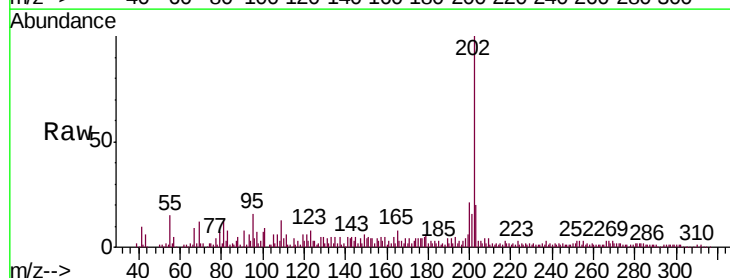


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E

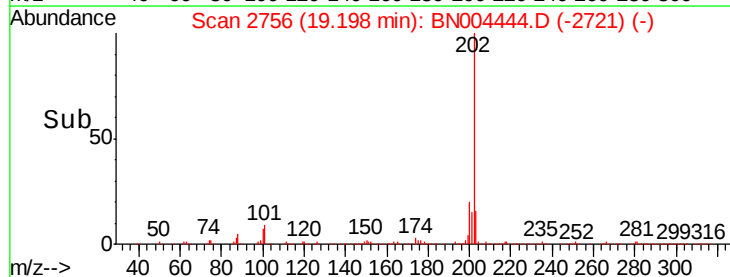
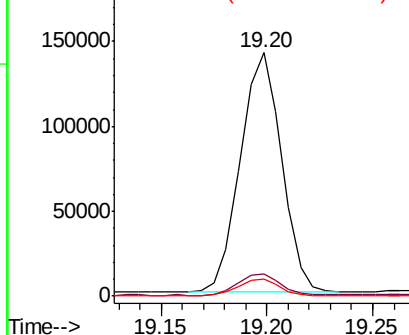


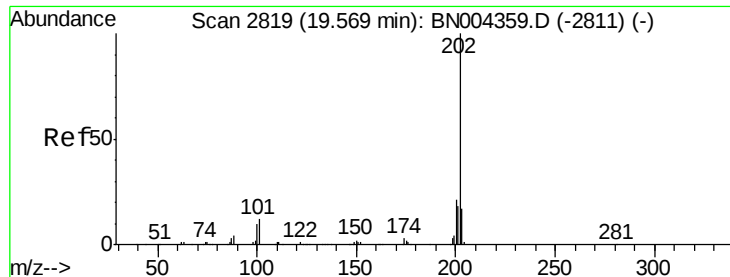
#77
Fluoranthene
Concen: 11.363 ng/ul
RT: 19.20 min Scan# 2756
Delta R.T. 0.01 min
Lab File: BN004444.D
Acq: 18 Feb 2019 15:56

Tgt Ion:202 Resp: 189851
Ion Ratio Lower Upper
202 100
101 9.2 8.2 12.4
100 7.0 6.6 9.8



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

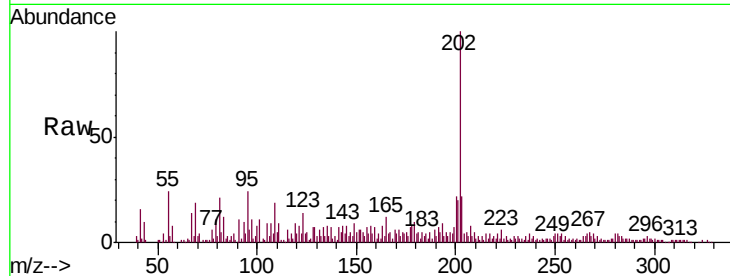




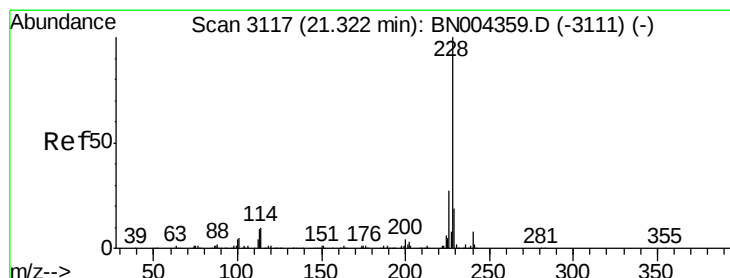
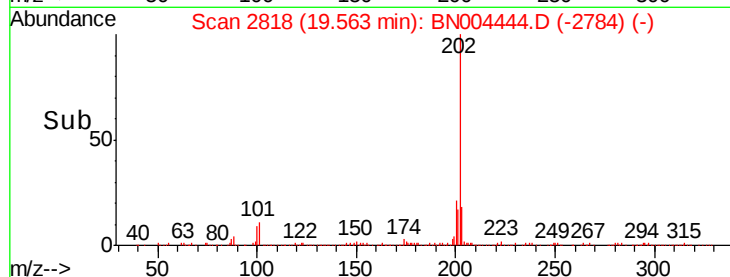
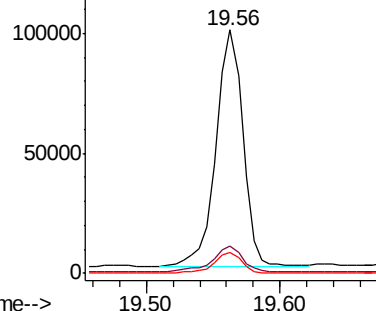
#80
Pyrene
Concen: 7.376 ng/ul
RT: 19.56 min Scan# 2818
Delta R.T. 0.00 min
Lab File: BN004444.D
Acq: 18 Feb 2019 15:56

Instrument :
BNA_N
ClientSampleId :
CB5B9

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.1	9.2	13.8
100	8.4	7.5	11.3

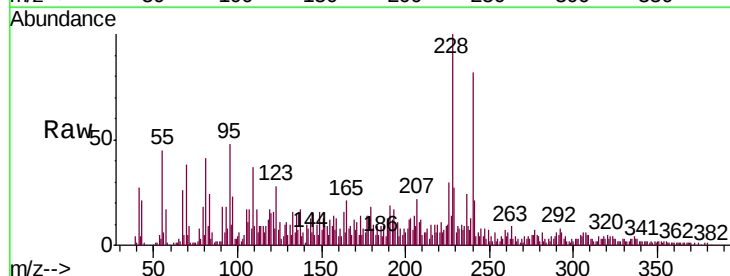


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

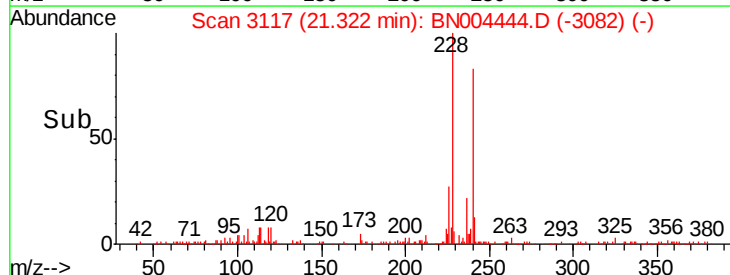
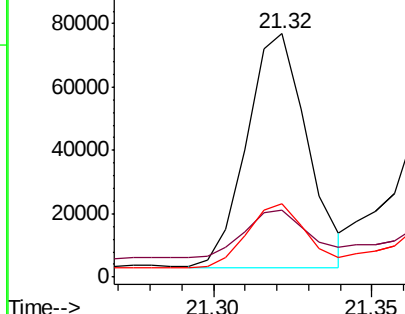


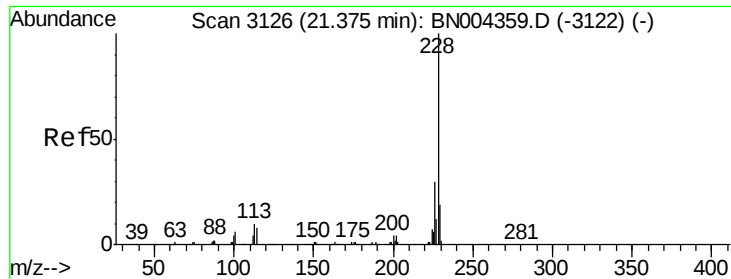
#83
Benzo(a)anthracene
Concen: 4.683 ng/ul
RT: 21.32 min Scan# 3117
Delta R.T. 0.01 min
Lab File: BN004444.D
Acq: 18 Feb 2019 15:56

Tgt Ion	Ratio	Lower	Upper
228	100		
229	27.3	15.4	23.2#
226	30.0	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





#85

Chrysene

Concen: 5.102 ng/ul

RT: 21.37 min Scan# 3126

Delta R.T. 0.01 min

Lab File: BN004444.D

Acq: 18 Feb 2019 15:56

Instrument :

BNA_N

ClientSampleId :

CB5B9

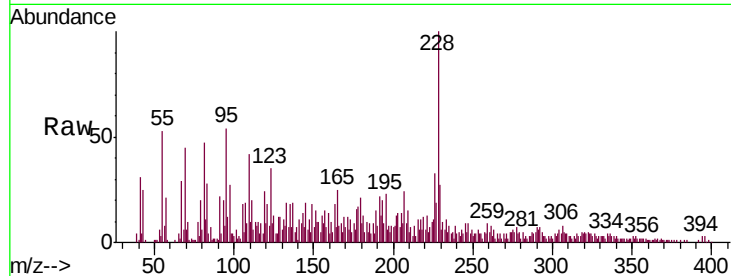
Tgt Ion:228 Resp: 101144

Ion Ratio Lower Upper

228 100

226 32.5 24.0 36.0

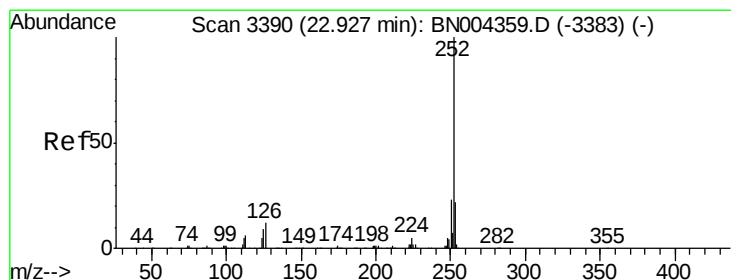
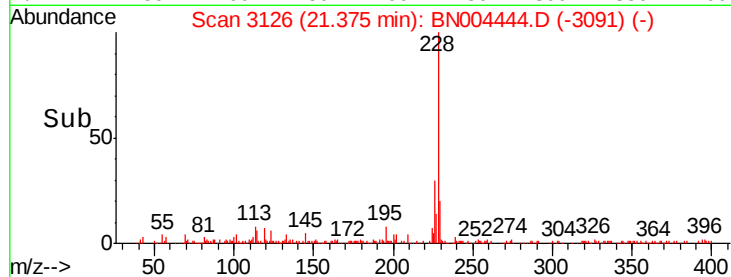
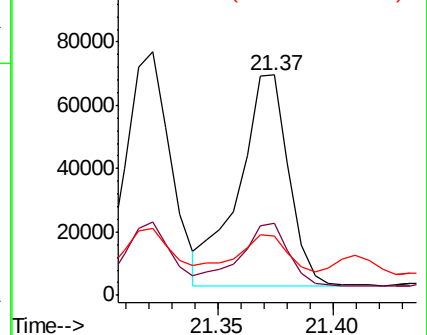
229 27.1 15.7 23.5#



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



#88

Benzo(b)fluoranthene

Concen: 4.156 ng/ul

RT: 22.93 min Scan# 3390

Delta R.T. 0.02 min

Lab File: BN004444.D

Acq: 18 Feb 2019 15:56

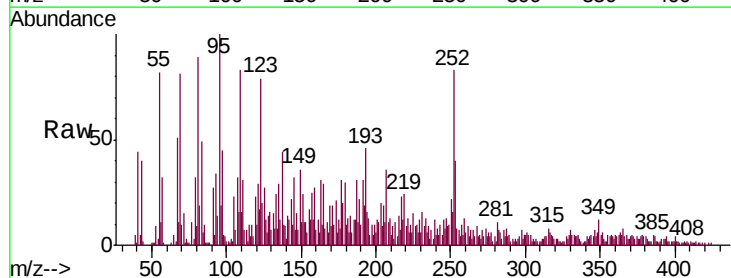
Tgt Ion:252 Resp: 98446

Ion Ratio Lower Upper

252 100

253 48.6 17.7 26.5#

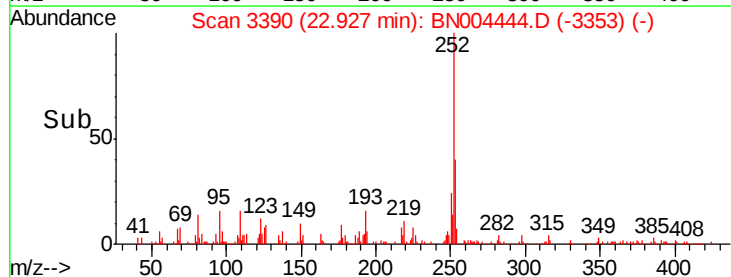
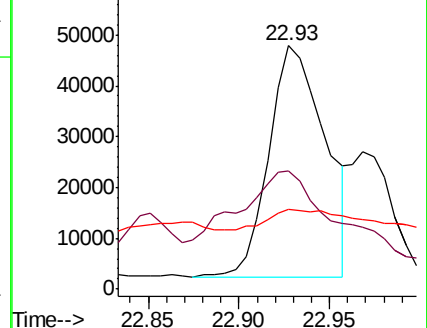
125 32.5 7.4 11.2#

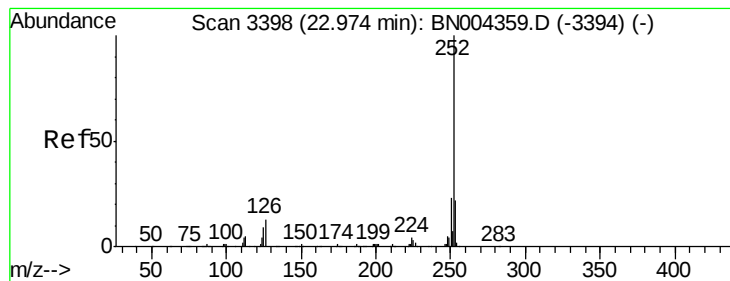


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 4.275 ng/ul

RT: 22.93 min Scan# 3390

Delta R.T. -0.03 min

Lab File: BN004444.D

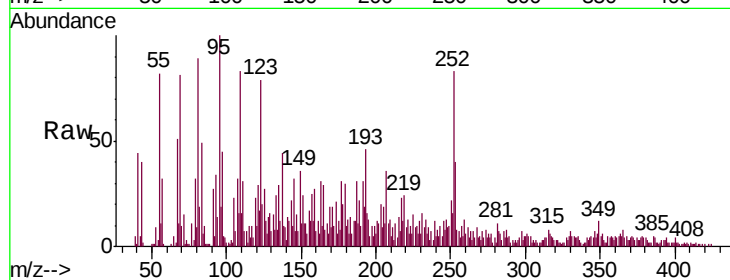
Acq: 18 Feb 2019 15:56

Instrument :

BNA_N

ClientSampleId :

CB5B9



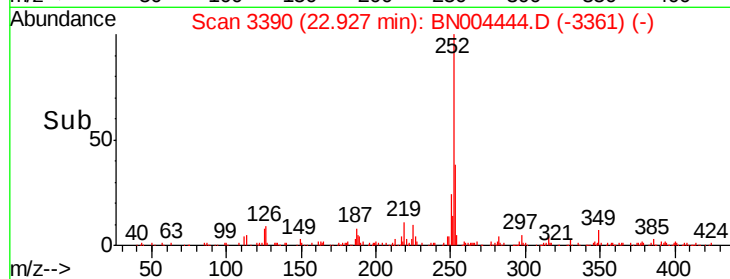
Tgt Ion: 252 Resp: 98446

Ion Ratio Lower Upper

252 100

253 48.6 17.4 26.2#

125 32.5 7.4 11.0#



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

