

Data File : BN004442.D
Acq On : 18 Feb 2019 14:46
Operator : JU/SJ
Sample : K1492-11
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
CB5B5

Quant Time: Feb 19 06:20:07 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	22698	20.00	ng/ul	0.00
18) Naphthalene-d8	10.53	136	110390	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.38	164	83658	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.13	188	236321	20.00	ng/ul	0.00
78) Chrysene-d12	21.33	240	324467	20.00	ng/ul	0.00
86) Perylene-d12	23.60	264	381597	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	
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	15.37	176	247	0.04	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
71) Anthracene-d10	17.13	188	236321	20.87	ng/ul	-0.11
79) Pyrene-d10	0.00	212	0	0.00	ng/ul	
90) Benzo(a)pyrene-d12	23.60	264	378049	18.88	ng/ul	0.14

Target Compounds

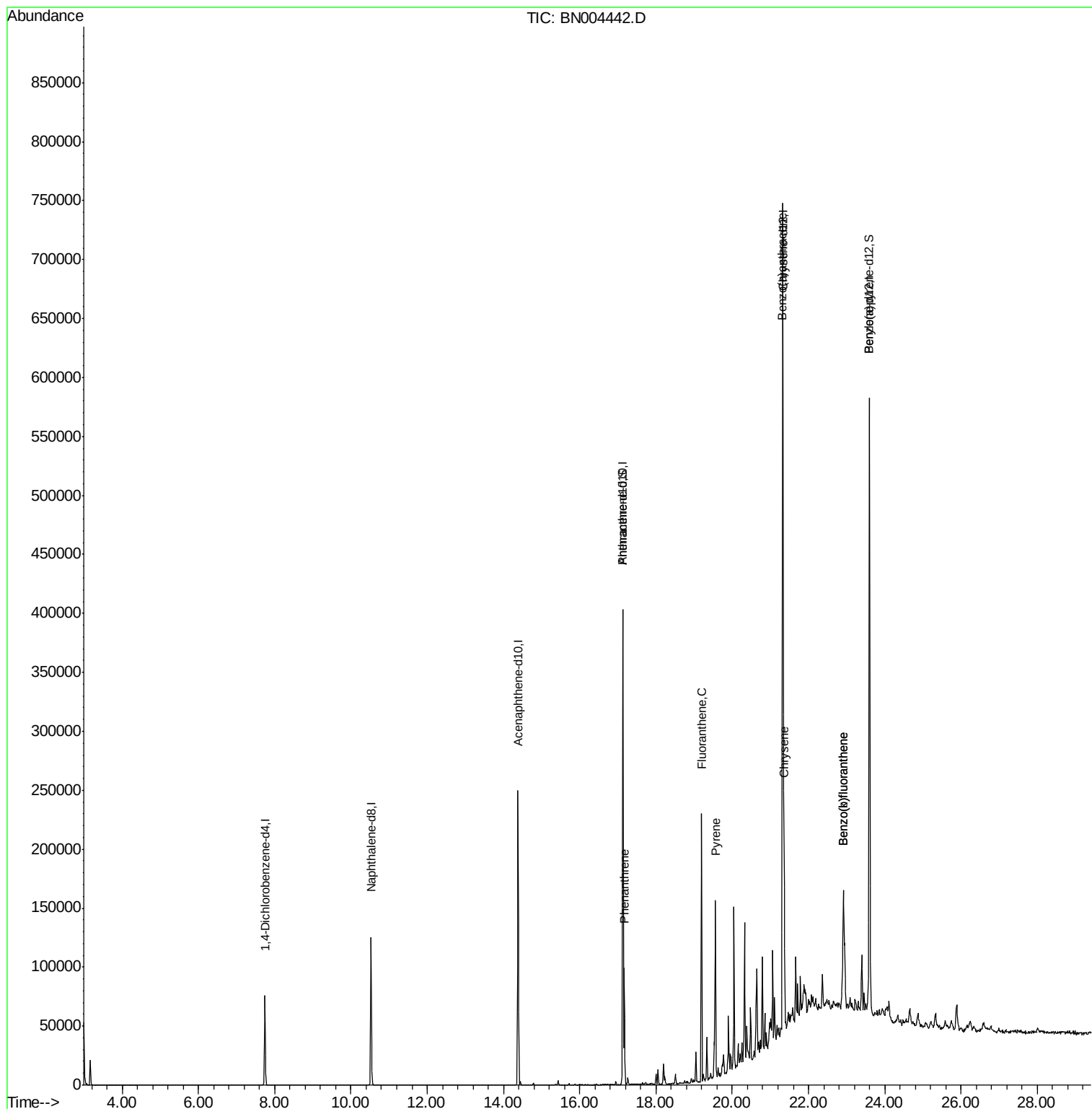
					Qvalue	
70) Phenanthrene	17.17	178	61969	4.726	ng/ul	100
77) Fluoranthene	19.19	202	131778	8.164	ng/ul	99
80) Pyrene	19.56	202	94369	5.259	ng/ul	98
83) Benzo(a)anthracene	21.32	228	66712	3.336	ng/ul	99
85) Chrysene	21.36	228	71049	3.743	ng/ul	99
88) Benzo(b)fluoranthene	22.92	252	91528	4.050	ng/ul	97
89) Benzo(k)fluoranthene	22.92	252	91528	4.166	ng/ul	96

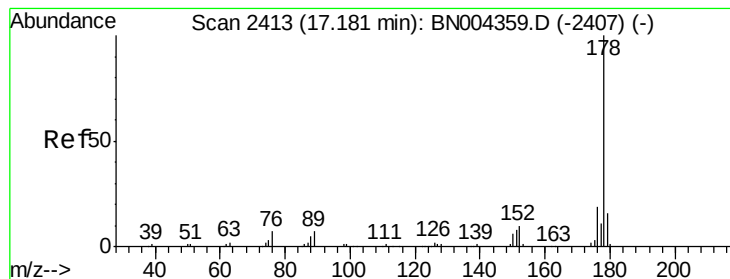
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#70

Phenanthrene

Concen: 4.726 ng/ul

RT: 17.17 min Scan# 2411

Delta R.T. -0.01 min

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BNA_N

ClientSampleId :

CB5B5

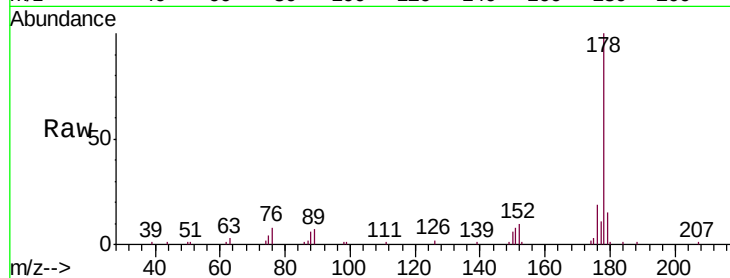
Tgt Ion:178 Resp: 61969

Ion Ratio Lower Upper

178 100

179 15.3 12.3 18.5

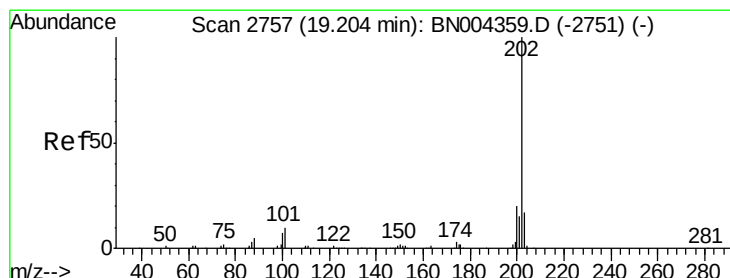
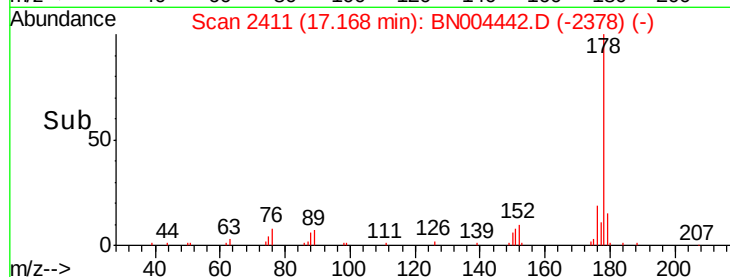
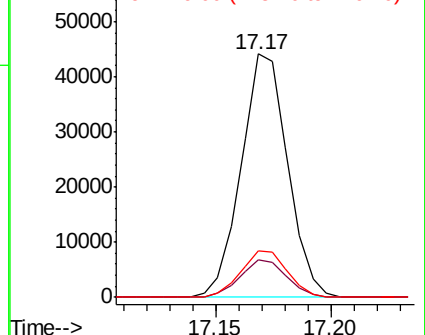
176 19.0 15.4 23.0



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



#77

Fluoranthene

Concen: 8.164 ng/ul

RT: 19.19 min Scan# 2755

Delta R.T. -0.00 min

Lab File: BN004442.D

Acq: 18 Feb 2019 14:46

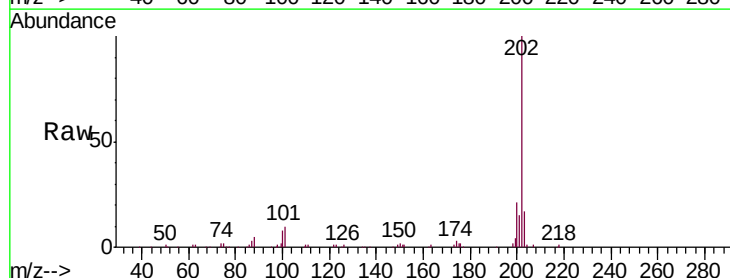
Tgt Ion:202 Resp: 131778

Ion Ratio Lower Upper

202 100

101 10.0 8.2 12.4

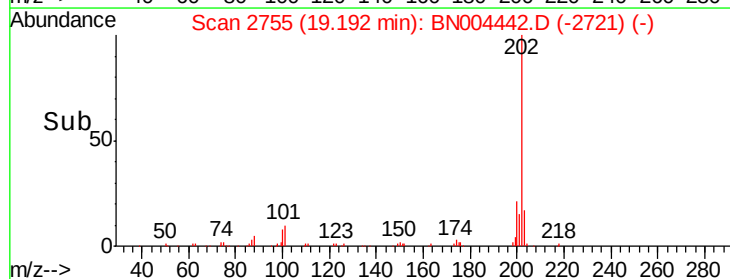
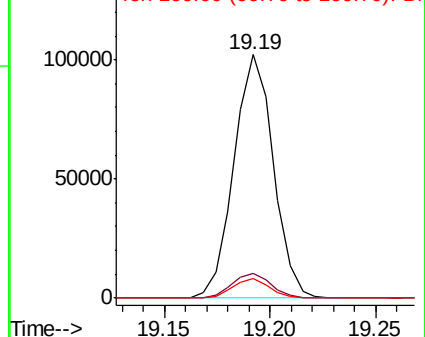
100 7.8 6.6 9.8

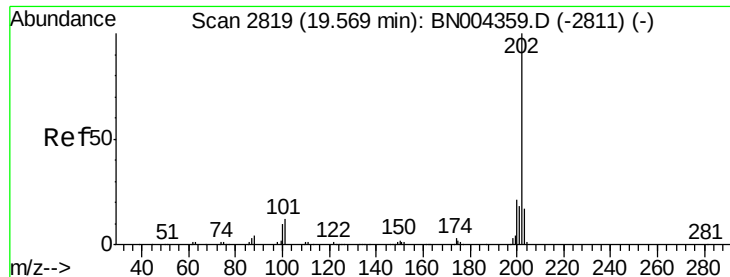


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

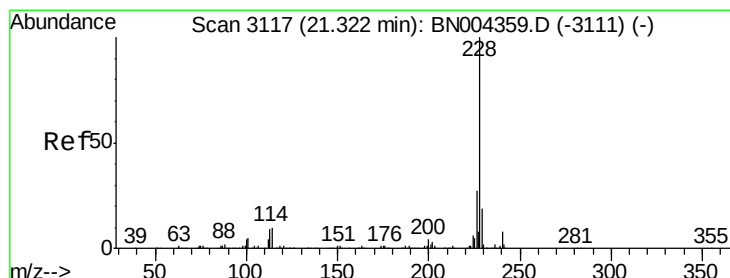
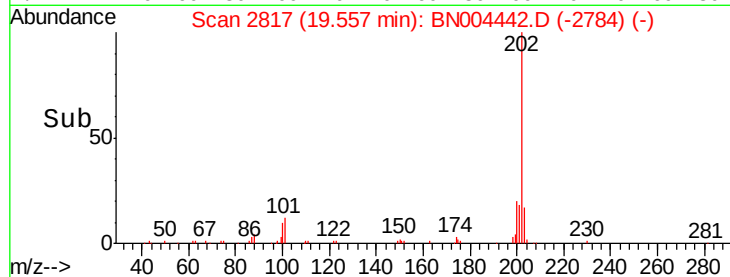
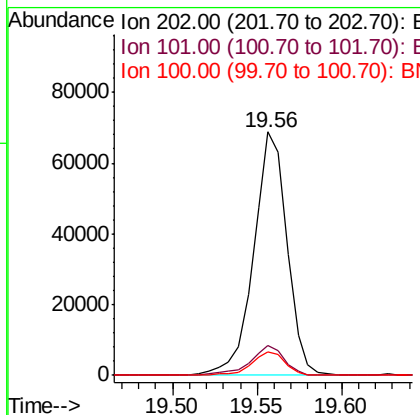
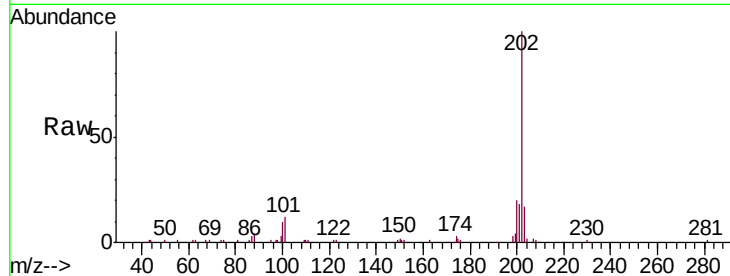




#80
 Pyrene
 Concen: 5.259 ng/ul
 RT: 19.56 min Scan# 2817
 Delta R.T. -0.01 min
 Lab File: BN004442.D
 Acq: 18 Feb 2019 14:46

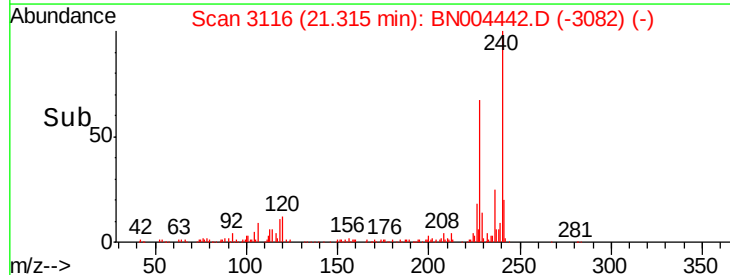
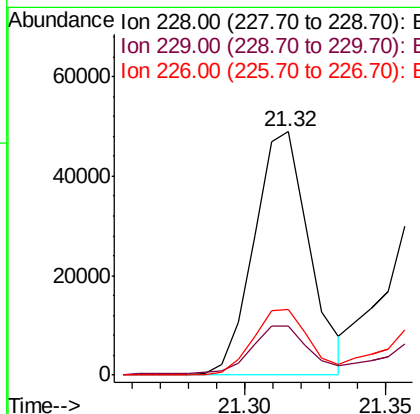
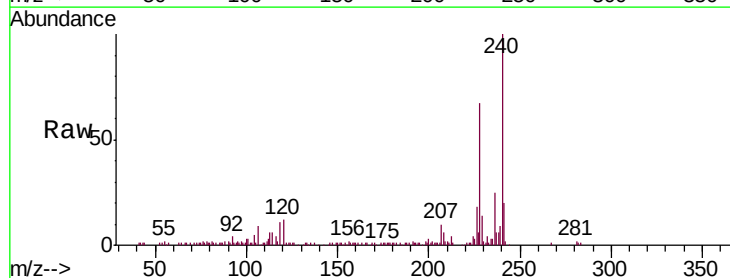
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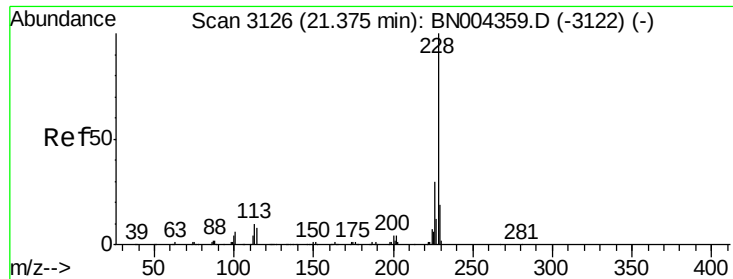
Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.3	9.2	13.8
100	9.9	7.5	11.3



#83
 Benzo(a)anthracene
 Concen: 3.336 ng/ul
 RT: 21.32 min Scan# 3116
 Delta R.T. -0.00 min
 Lab File: BN004442.D
 Acq: 18 Feb 2019 14:46

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.3	15.4	23.2
226	26.7	21.4	32.2

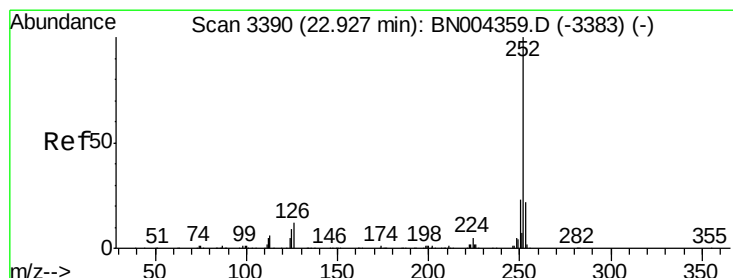
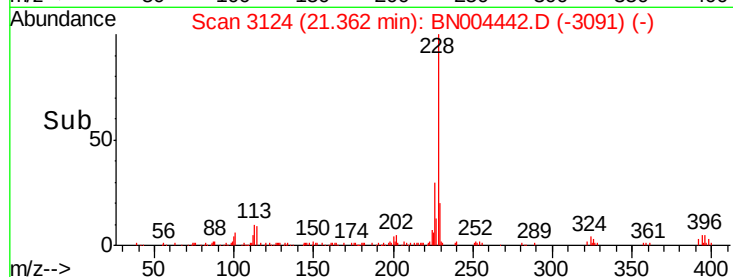
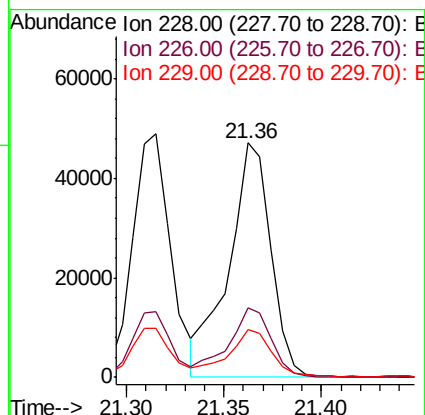
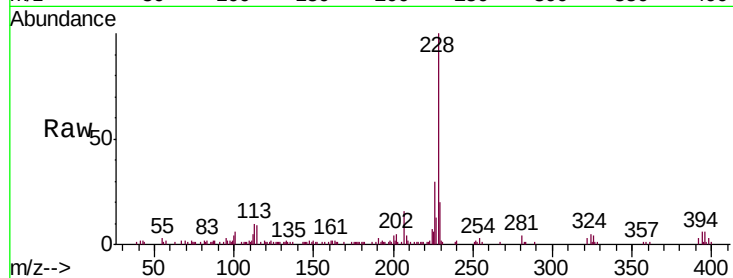




#85
Chrysene
Concen: 3.743 ng/ul
RT: 21.36 min Scan# 3124
Delta R.T. -0.01 min
Lab File: BN004442.D
Acq: 18 Feb 2019 14:46

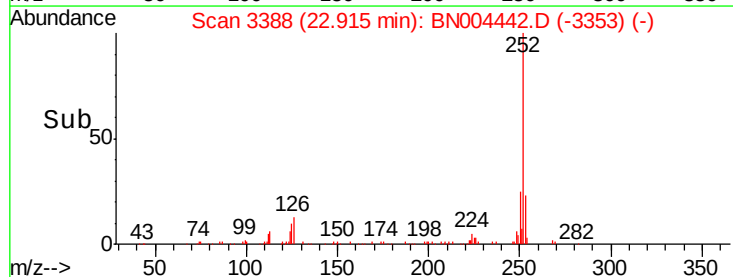
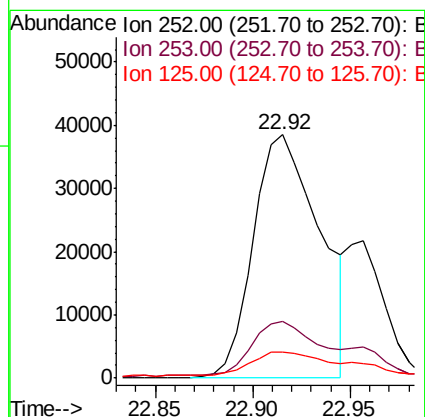
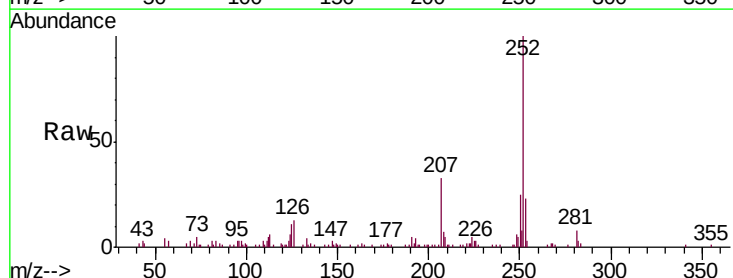
Instrument :
BNA_N
ClientSampleId :
CB5B5

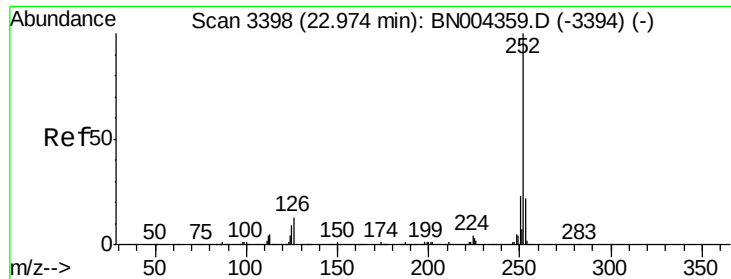
Tgt Ion:228 Resp: 71049
Ion Ratio Lower Upper
228 100
226 30.0 24.0 36.0
229 20.4 15.7 23.5



#88
Benzo(b)fluoranthene
Concen: 4.050 ng/ul
RT: 22.92 min Scan# 3388
Delta R.T. 0.01 min
Lab File: BN004442.D
Acq: 18 Feb 2019 14:46

Tgt Ion:252 Resp: 91528
Ion Ratio Lower Upper
252 100
253 23.3 17.7 26.5
125 10.9 7.4 11.2





#89

Benzo(k)fluoranthene

Concen: 4.166 ng/ul

RT: 22.92 min Scan# 3388

Delta R.T. -0.04 min

Lab File: BN004442.D

Acq: 18 Feb 2019 14:46

Instrument :

BNA_N

ClientSampleId :

CB5B5

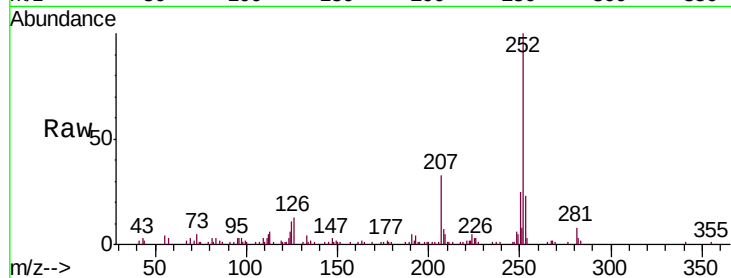
Tgt Ion:252 Resp: 91528

Ion Ratio Lower Upper

252 100

253 23.3 17.4 26.2

125 10.9 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

