

Data File : BN004440.D
Acq On : 18 Feb 2019 13:35
Operator : JU/SJ
Sample : K1492-08
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
CB5F6

Quant Time: Feb 19 06:19:56 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	22051	20.00	ng/ul	0.00
18) Naphthalene-d8	10.53	136	103438	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.38	164	78006	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.13	188	226193	20.00	ng/ul	0.00
78) Chrysene-d12	21.33	240	326329	20.00	ng/ul	0.00
86) Perylene-d12	23.60	264	379887	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	0.00	176	0	0.00	ng/ul	
63) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
71) Anthracene-d10	17.13	188	226193	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	376091	18.86	ng/ul	0.14

Target Compounds

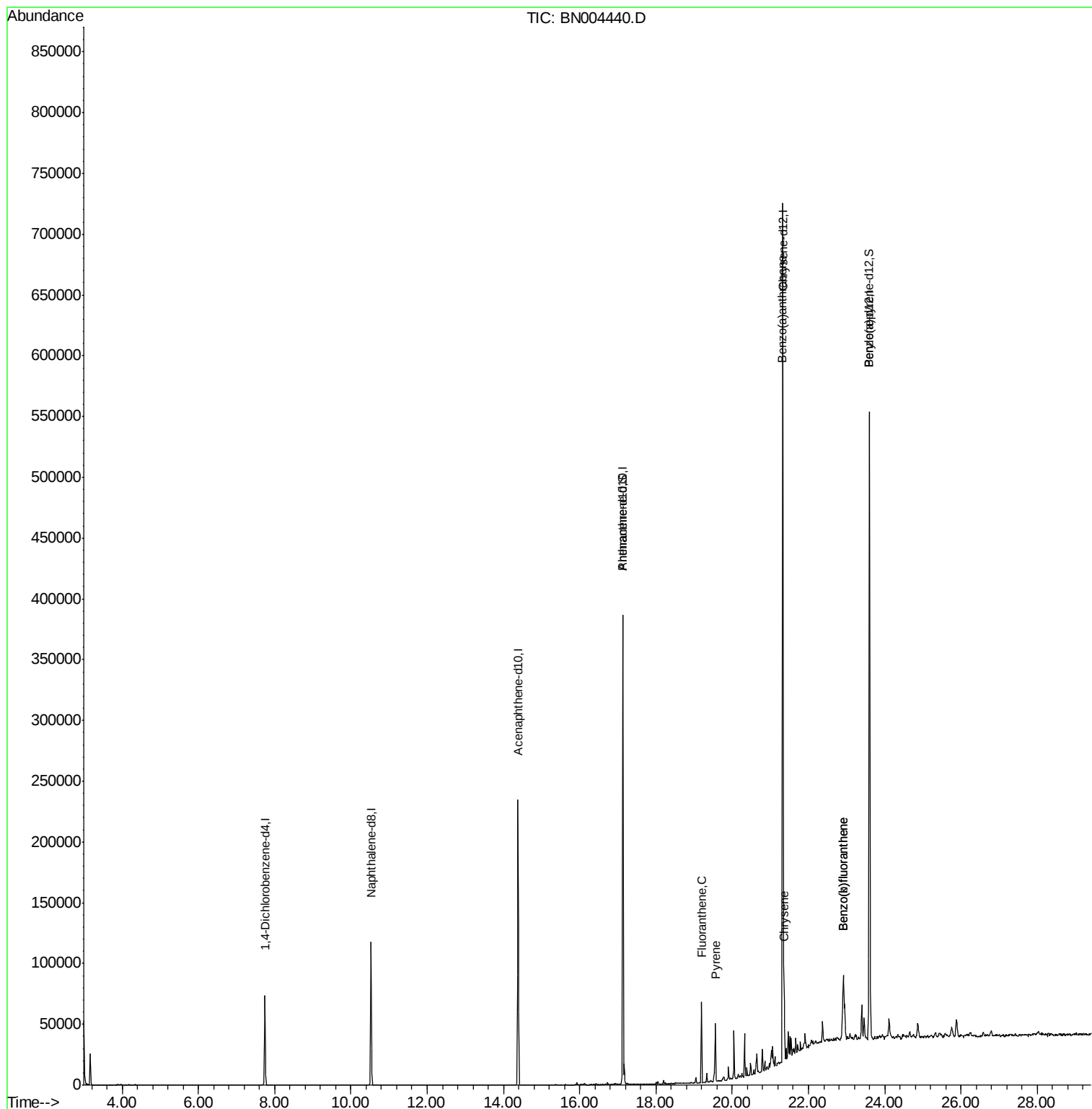
						Qvalue
77) Fluoranthene	19.19	202	42902	2.777	ng/ul	99
80) Pyrene	19.56	202	31481	1.744	ng/ul	99
83) Benzo(a)anthracene	21.32	228	29199	1.452	ng/ul	98
85) Chrysene	21.36	228	31938	1.673	ng/ul	98
88) Benzo(b)fluoranthene	22.91	252	47450	2.109	ng/ul	97
89) Benzo(k)fluoranthene	22.91	252	47450	2.170	ng/ul	96

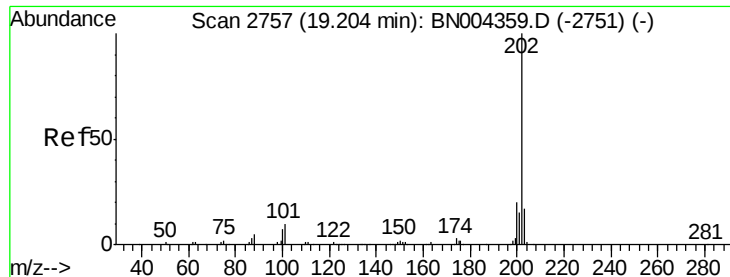
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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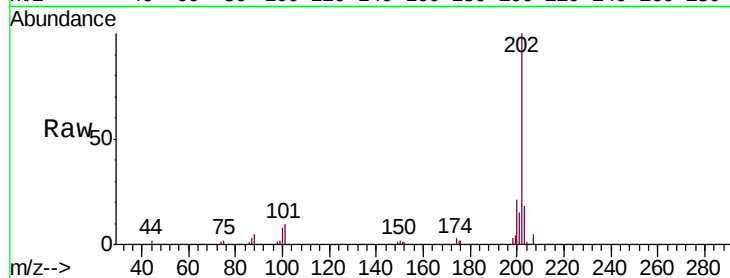




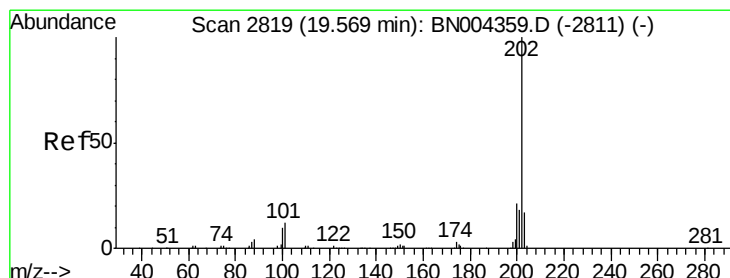
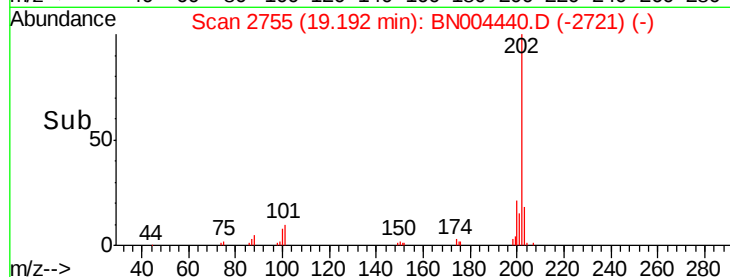
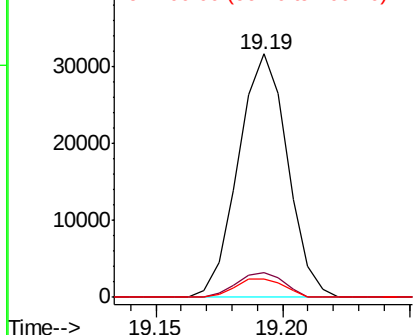
#77
 Fluoranthene
 Concen: 2.777 ng/ul
 RT: 19.19 min Scan# 2755
 Delta R.T. 0.00 min
 Lab File: BN004440.D
 Acq: 18 Feb 2019 13:35

Instrument :
 BNA_N
 ClientSampleId :
 CB5F6

Tgt Ion:	202	Resp:	42902
Ion	Ratio	Lower	Upper
202	100		
101	9.9	8.2	12.4
100	7.7	6.6	9.8

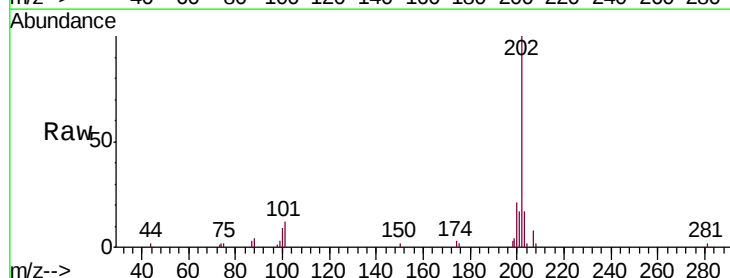


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 100.00 (99.70 to 100.70): B

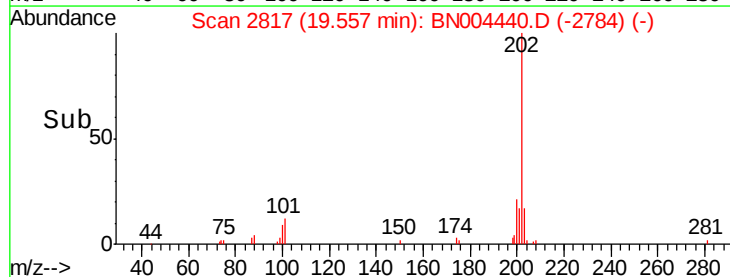
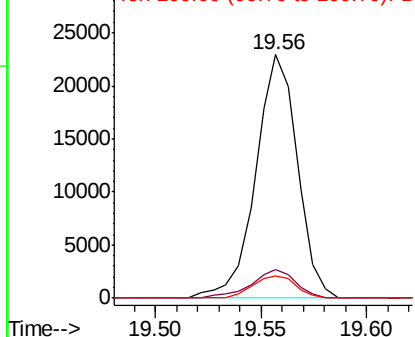


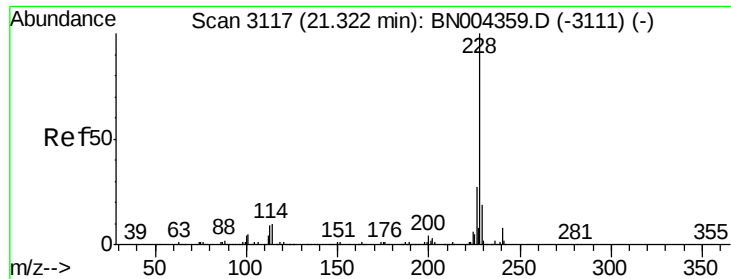
#80
 Pyrene
 Concen: 1.744 ng/ul
 RT: 19.56 min Scan# 2817
 Delta R.T. -0.01 min
 Lab File: BN004440.D
 Acq: 18 Feb 2019 13:35

Tgt Ion:	202	Resp:	31481
Ion	Ratio	Lower	Upper
202	100		
101	11.8	9.2	13.8
100	9.3	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: 1.452 ng/ul

RT: 21.32 min Scan# 3116

Delta R.T. 0.00 min

Lab File: BN004440.D

Acq: 18 Feb 2019 13:35

Instrument :

BNA_N

ClientSampleId :

CB5F6

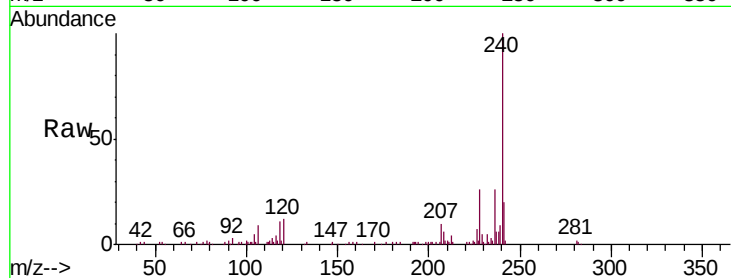
Tgt Ion:228 Resp: 29199

Ion Ratio Lower Upper

228 100

229 20.0 15.4 23.2

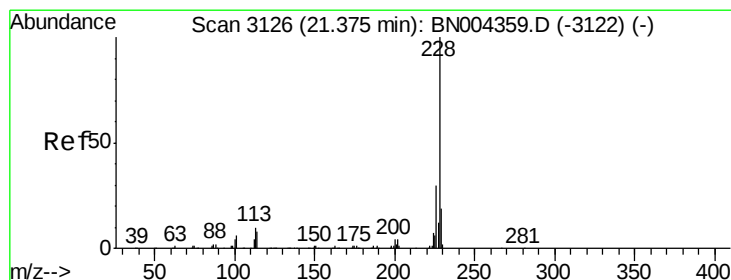
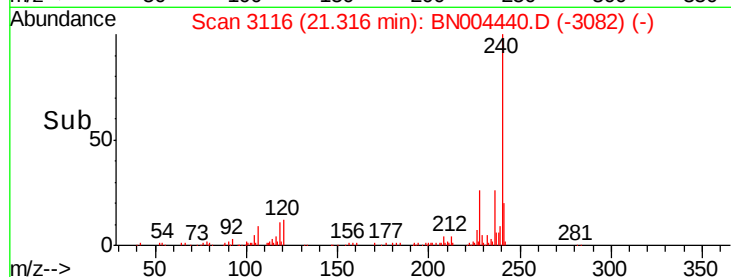
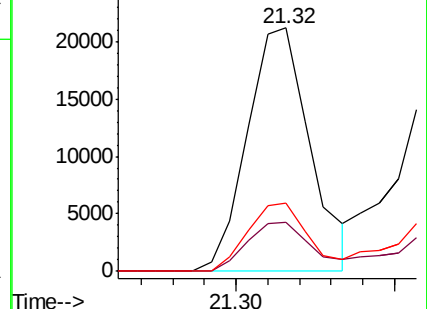
226 28.2 21.4 32.2



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: 1.673 ng/ul

RT: 21.36 min Scan# 3124

Delta R.T. -0.01 min

Lab File: BN004440.D

Acq: 18 Feb 2019 13:35

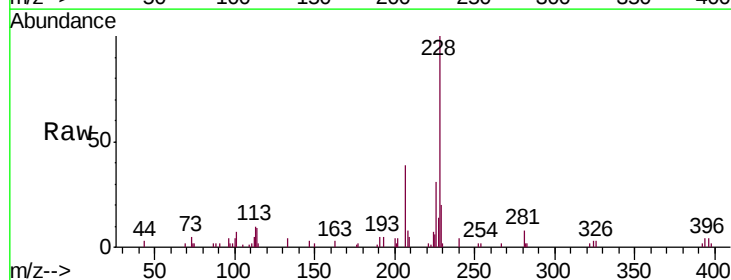
Tgt Ion:228 Resp: 31938

Ion Ratio Lower Upper

228 100

226 31.4 24.0 36.0

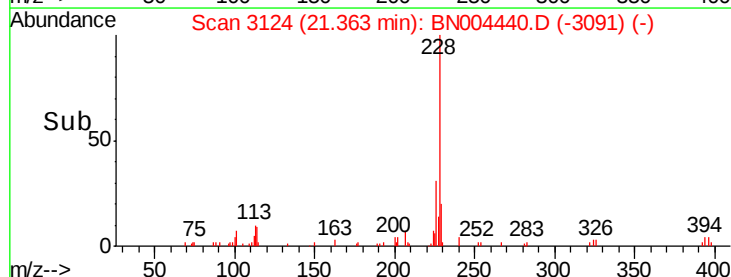
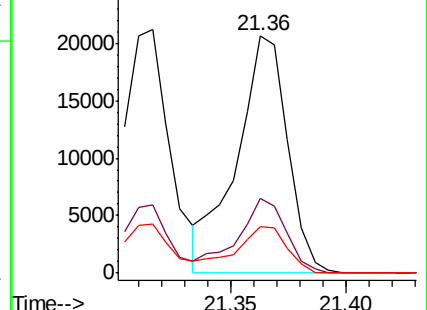
229 19.7 15.7 23.5

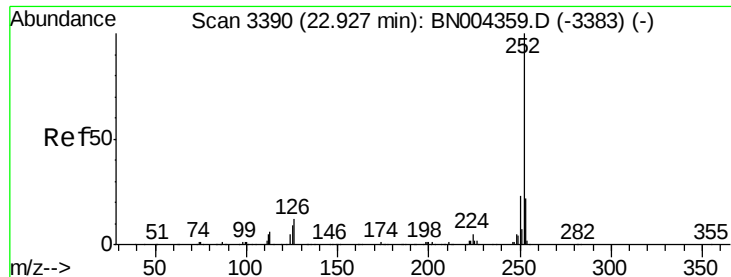


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#88

Benzo(b)fluoranthene

Concen: 2.109 ng/ul

RT: 22.91 min Scan# 3387

Delta R.T. 0.00 min

Lab File: BN004440.D

Acq: 18 Feb 2019 13:35

Instrument :

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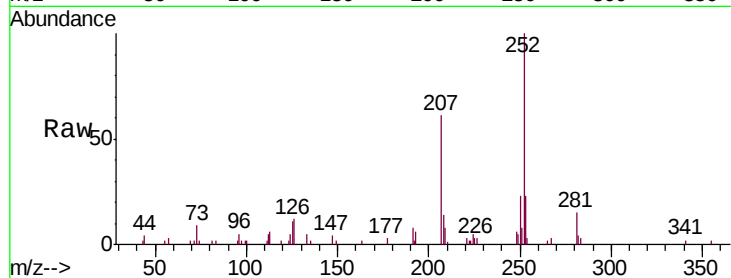
Tgt Ion:252 Resp: 47450

Ion Ratio Lower Upper

252 100

253 23.5 17.7 26.5

125 10.5 7.4 11.2

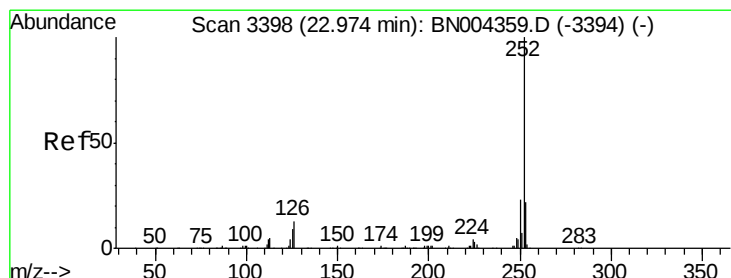
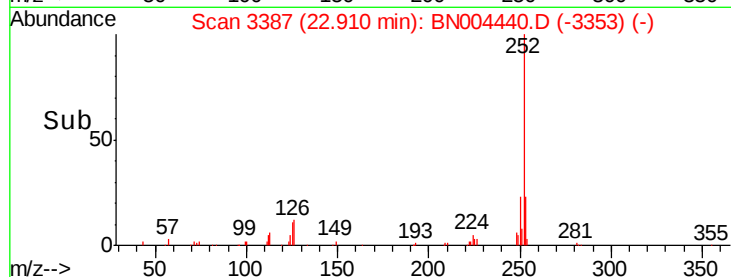
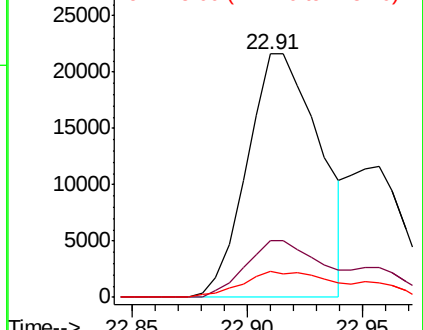


Abundance

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: 2.170 ng/ul

RT: 22.91 min Scan# 3387

Delta R.T. -0.05 min

Lab File: BN004440.D

Acq: 18 Feb 2019 13:35

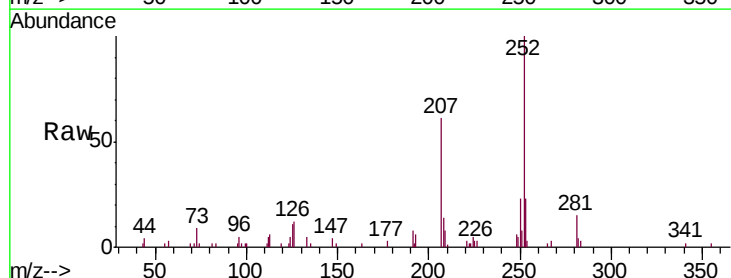
Tgt Ion:252 Resp: 47450

Ion Ratio Lower Upper

252 100

253 23.5 17.4 26.2

125 10.5 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

