

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN022519\
 Data File : BN004483.D
 Acq On : 25 Feb 2019 14:54
 Operator : JU/SJ
 Sample : K1491-07
 Misc : GCMS Confirmation
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 CB577

Quant Time: Feb 25 22:49:11 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020719MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Feb 25 22:41:06 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	21899	20.00	ng/ul	0.00
18) Naphthalene-d8	10.53	136	106767	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.38	164	80249	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.13	188	221652	20.00	ng/ul	0.00
78) Chrysene-d12	21.33	240	320461	20.00	ng/ul	0.00
86) Perylene-d12	23.60	264	382444	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	0.00	188	0d	0.00	ng/ul
79) Pyrene-d10	0.00	212	0	0.00	ng/ul
90) Benzo(a)pyrene-d12	0.00	264	0d	0.00	ng/ul

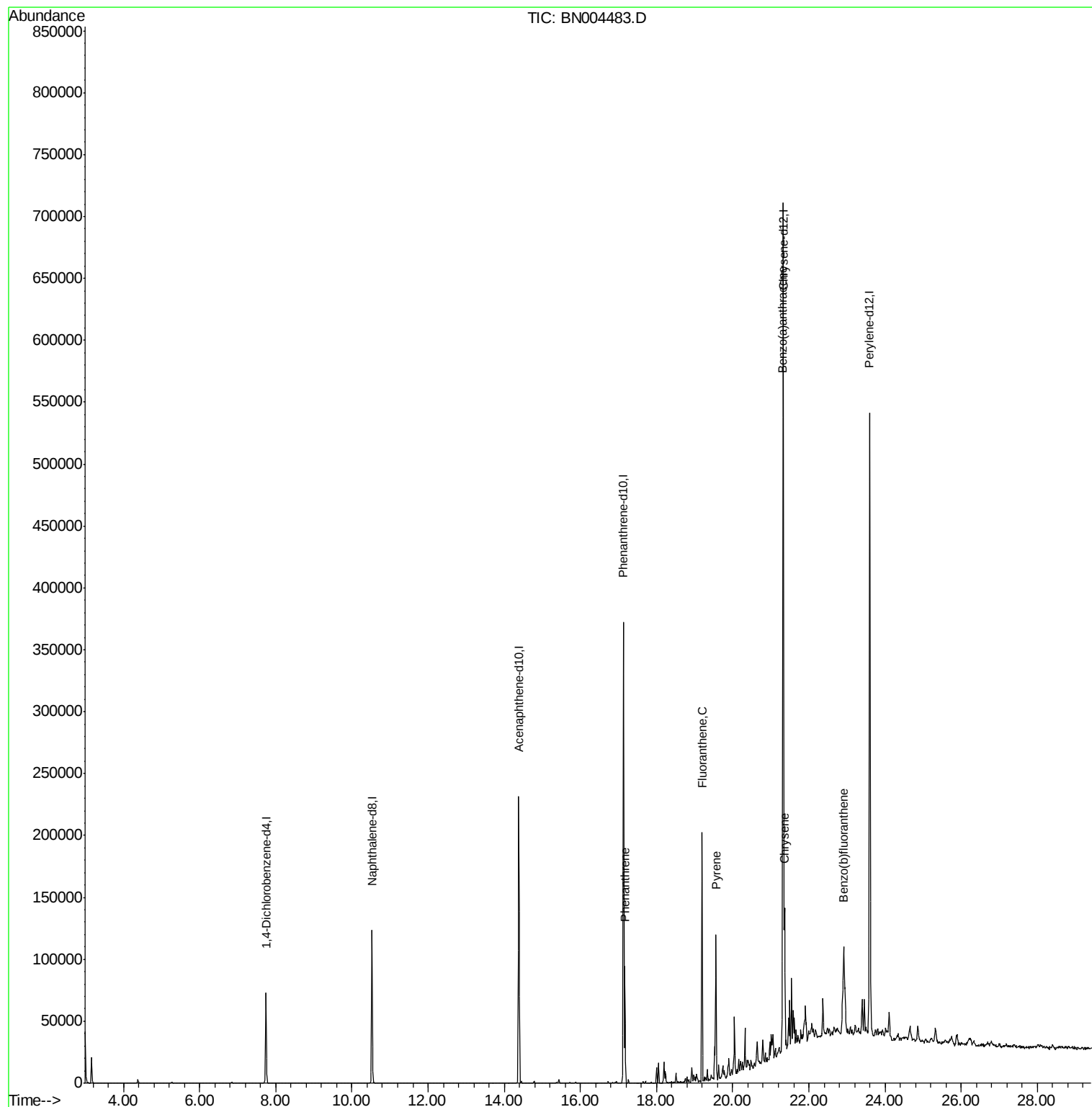
Target Compounds					Qvalue
70) Phenanthrene	17.17	178	58489	4.756 ng/ul	99
77) Fluoranthene	19.19	202	118480	7.826 ng/ul	96
80) Pyrene	19.56	202	72211	4.075 ng/ul	100
83) Benzo(a)anthracene	21.32	228	58630	2.968 ng/ul	98
85) Chrysene	21.36	228	65332	3.484 ng/ul	98
88) Benzo(b)fluoranthene	22.91	252	69575	3.072 ng/ul	98

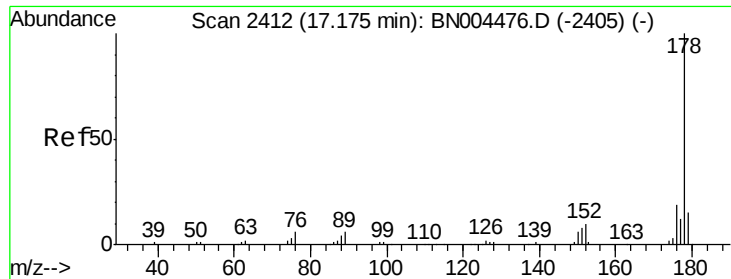
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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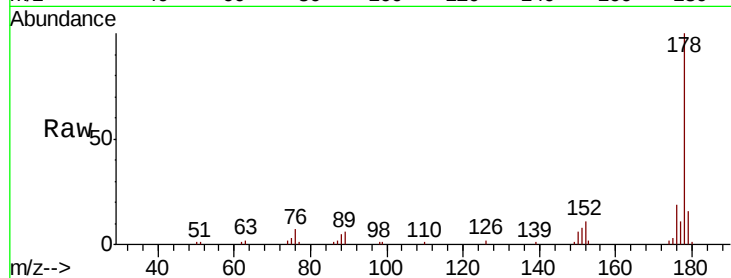




#70
 Phenanthrene
 Concen: 4.756 ng/ul
 RT: 17.17 min Scan# 2411
 Delta R.T. -0.01 min
 Lab File: BN004483.D
 Acq: 25 Feb 2019 14:54

Instrument :
 BNA_N
 ClientSampleId :
 CB577

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.3	18.5
176	18.7	15.4	23.0

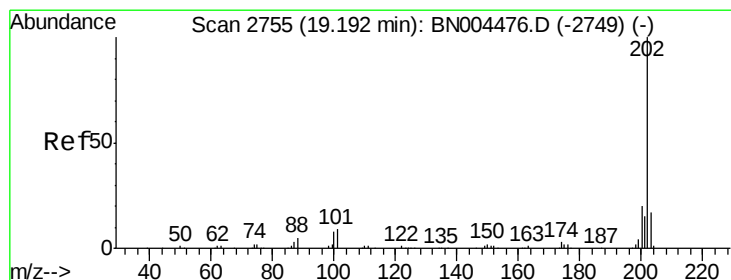
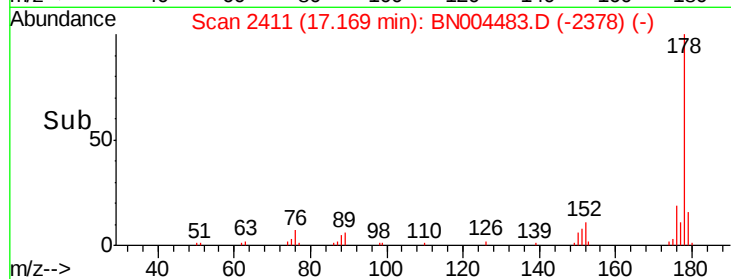
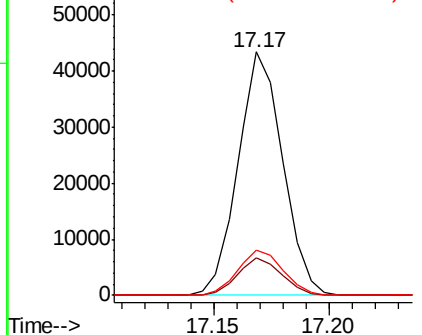


Abundance

Ion 178.00 (177.70 to 178.70): E

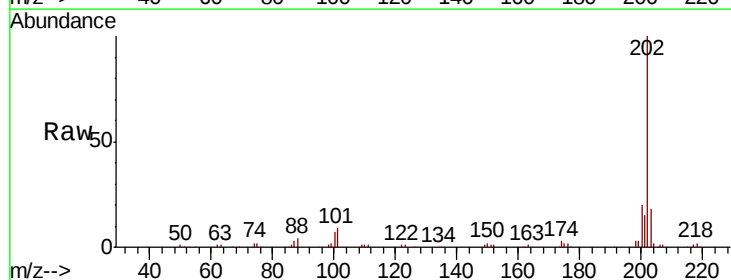
Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#77
 Fluoranthene
 Concen: 7.826 ng/ul
 RT: 19.19 min Scan# 2755
 Delta R.T. -0.00 min
 Lab File: BN004483.D
 Acq: 25 Feb 2019 14:54

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.2	8.2	12.4
100	6.7	6.6	9.8

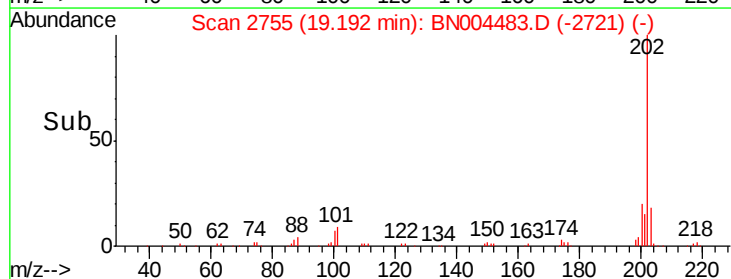
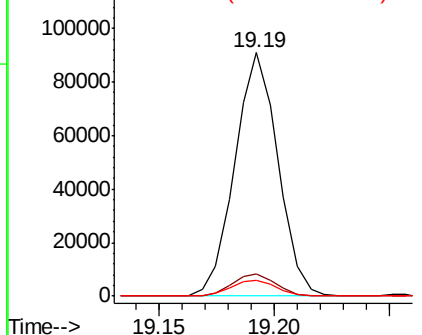


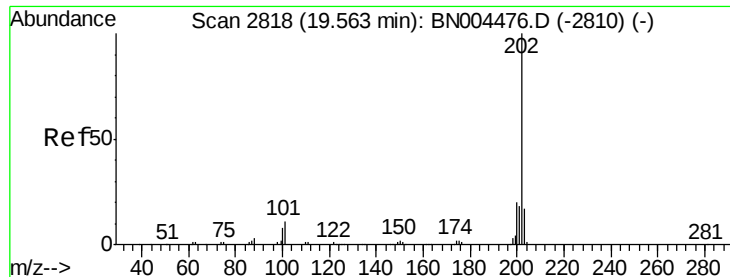
Abundance

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): E

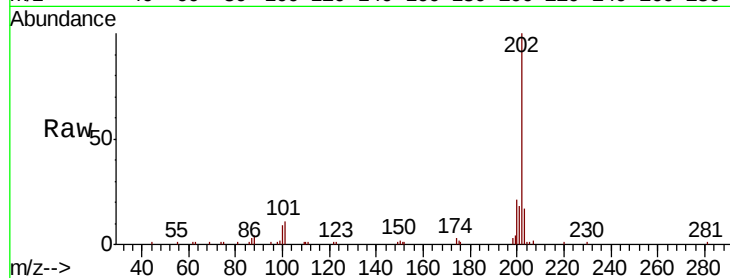




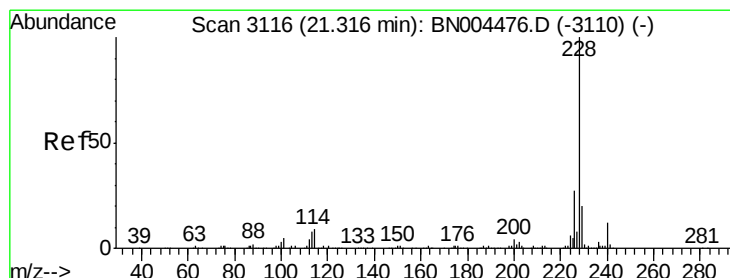
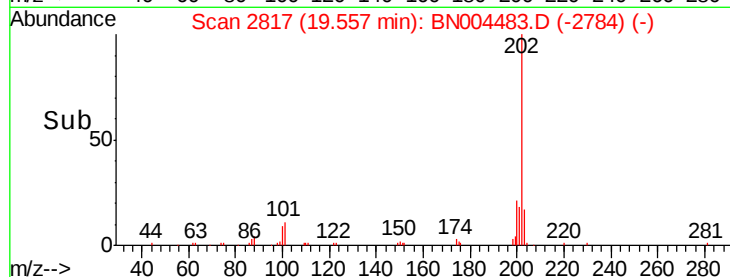
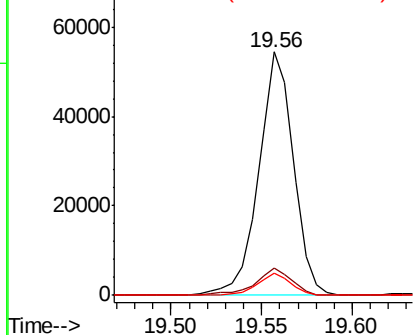
#80
 Pyrene
 Concen: 4.075 ng/ul
 RT: 19.56 min Scan# 2817
 Delta R.T. -0.01 min
 Lab File: BN004483.D
 Acq: 25 Feb 2019 14:54

Instrument :
 BNA_N
 ClientSampleId :
 CB577

Tgt Ion:202 Resp: 72211
 Ion Ratio Lower Upper
 202 100
 101 11.2 9.2 13.8
 100 9.4 7.5 11.3

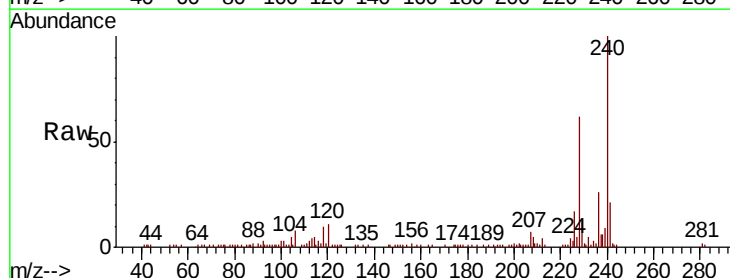


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 100.00 (99.70 to 100.70): B

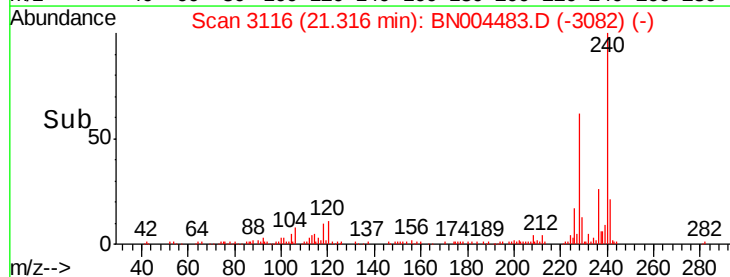
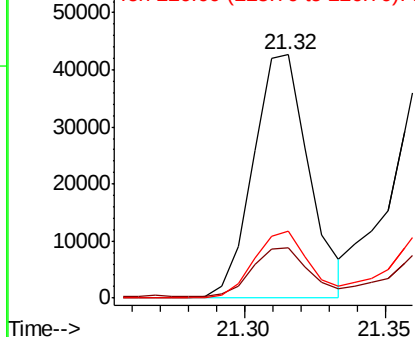


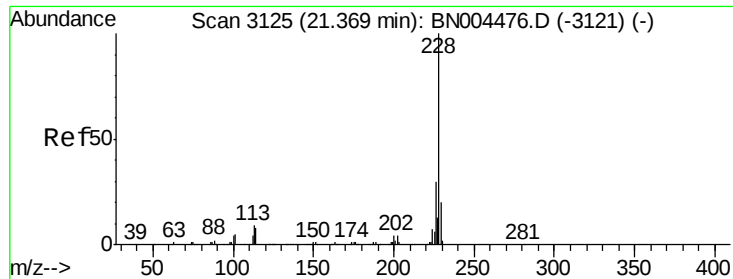
#83
 Benzo(a)anthracene
 Concen: 2.968 ng/ul
 RT: 21.32 min Scan# 3116
 Delta R.T. -0.00 min
 Lab File: BN004483.D
 Acq: 25 Feb 2019 14:54

Tgt Ion:228 Resp: 58630
 Ion Ratio Lower Upper
 228 100
 229 20.4 15.4 23.2
 226 27.3 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: 3.484 ng/ul

RT: 21.36 min Scan# 3124

Delta R.T. -0.01 min

Lab File: BN004483.D

Acq: 25 Feb 2019 14:54

Instrument :

BNA_N

ClientSampled :

CB577

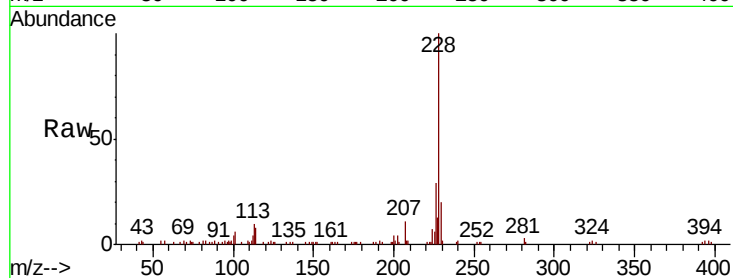
Tgt Ion:228 Resp: 65332

Ion Ratio Lower Upper

228 100

226 29.3 24.0 36.0

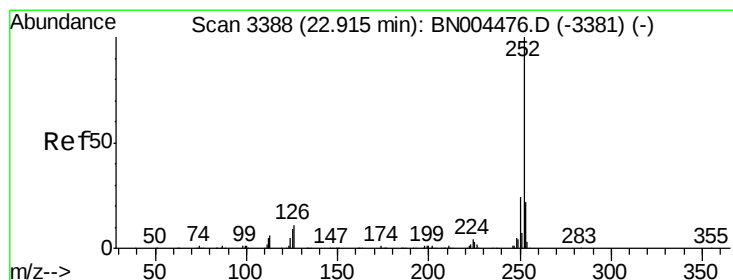
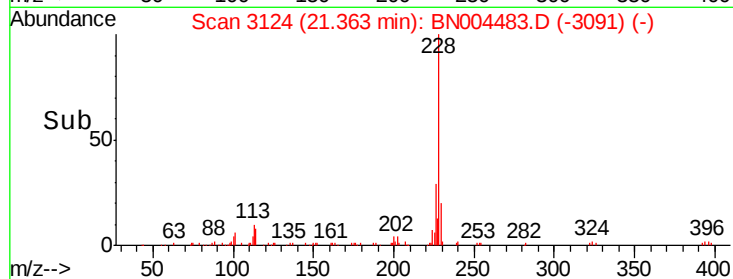
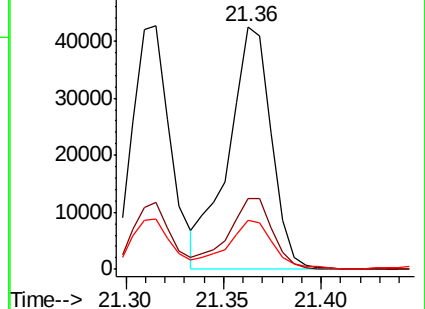
229 20.4 15.7 23.5



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: 3.072 ng/ul

RT: 22.91 min Scan# 3387

Delta R.T. -0.00 min

Lab File: BN004483.D

Acq: 25 Feb 2019 14:54

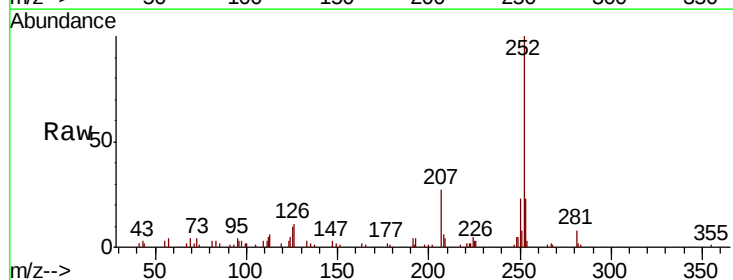
Tgt Ion:252 Resp: 69575

Ion Ratio Lower Upper

252 100

253 23.0 17.7 26.5

125 9.7 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

