

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080818\
 Data File : BN002252.D
 Acq On : 08 Aug 2018 15:22
 Operator : JU/SJ
 Sample : J4268-03
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Aug 09 02:18:10 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN071318MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Aug 09 02:16:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	238351	20.00	ng/ul	0.00
18) Naphthalene-d8	10.46	136	1011323	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.32	164	492562	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.06	188	921155	20.00	ng/ul	0.00
77) Chrysene-d12	21.26	240	824917	20.00	ng/ul	0.00
85) Perylene-d12	23.49	264	853544	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.25	96	12485	2.36	ng/uL	0.00
5) Phenol-d5	6.87	99	258469	11.51	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.03	67	179293	13.11	ng/ul	0.00
9) 2-Chlorophenol-d4	7.22	132	224030	12.64	ng/ul	0.00
13) 4-Methylphenol-d8	8.39	113	209675	11.60	ng/ul	0.00
19) Nitrobenzene-d5	8.83	128	115592	13.80	ng/ul	0.00
22) 2-Nitrophenol-d4	9.55	143	119797	12.65	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.09	165	199105	11.61	ng/ul	0.00
29) 4-Chloroaniline-d4	10.60	131	270054	13.70	ng/ul	0.00
43) Dimethylphthalate-d6	13.73	166	581427	13.93	ng/ul	0.00
46) Acenaphthylene-d8	14.01	160	751607	14.47	ng/ul	0.00
51) 4-Nitrophenol-d4	14.54	143	32742	4.10	ng/ul	0.00
57) Fluorene-d10	15.32	176	479996	13.37	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.45	200	31287	5.21	ng/ul	0.00
70) Anthracene-d10	17.16	188	648075	14.43	ng/ul	0.00
78) Pyrene-d10	19.46	212	678382	15.82	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.35	264	675071	14.65	ng/ul	0.00

Target Compounds

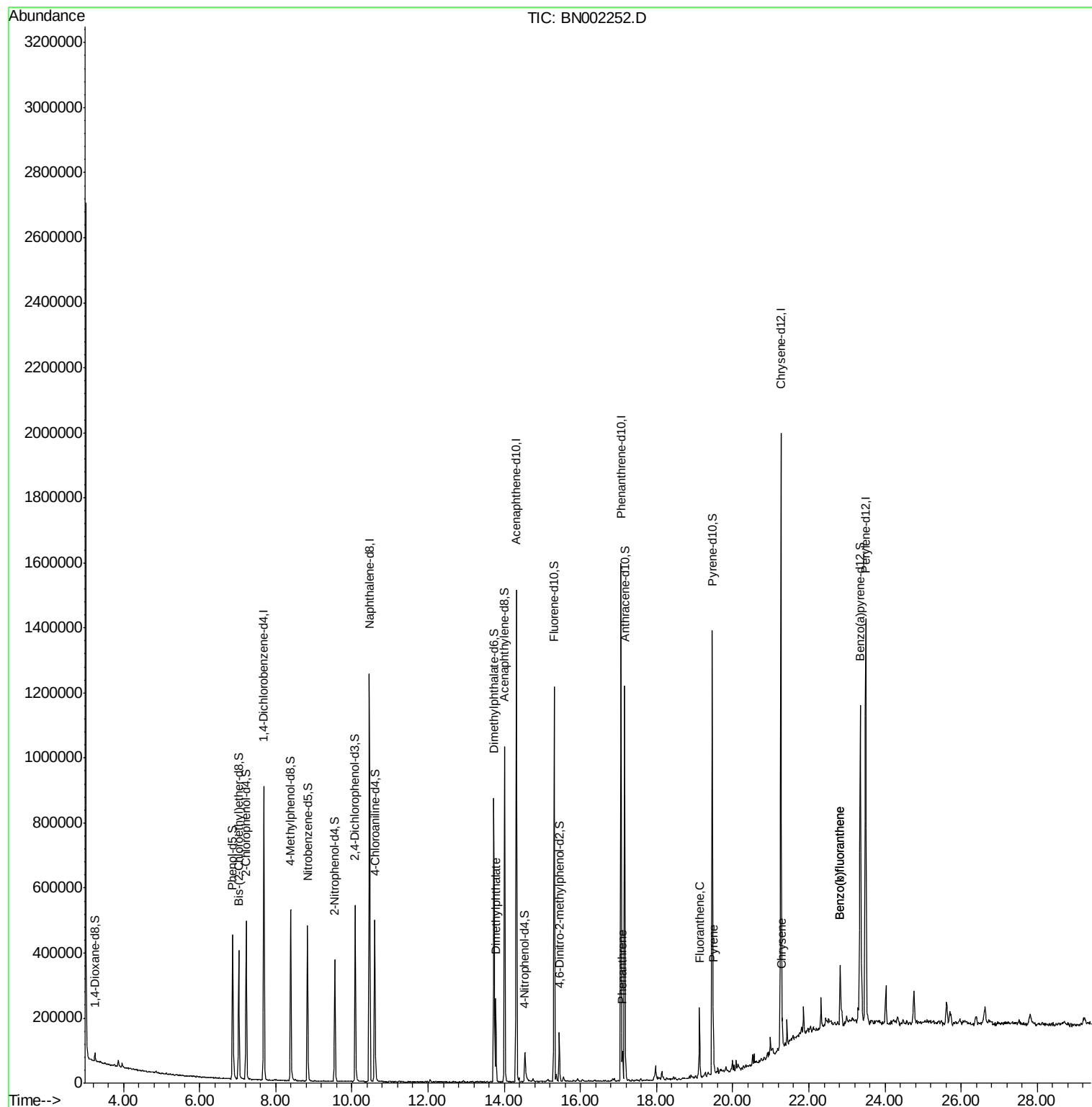
					Ovalue
44) Dimethylphthalate	13.77	163	164888	4.032	ng/ul 98
69) Phenanthrene	17.10	178	56744	1.097	ng/ul 99
76) Fluoranthene	19.13	202	119737	2.181	ng/ul 98
79) Pyrene	19.49	202	99562	1.881	ng/ul 97
84) Chrysene	21.30	228	50763	1.037	ng/ul 98
87) Benzo(b)fluoranthene	22.83	252	63953	1.217	ng/ul# 93
88) Benzo(k)fluoranthene	22.83	252	63953	1.281	ng/ul# 92

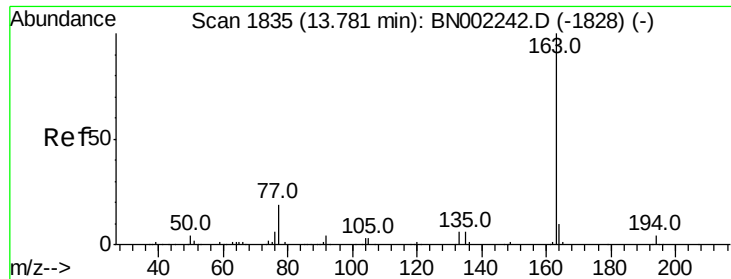
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#44

Dimethylphthalate

Concen: 4.032 ng/ul

RT: 13.77 min Scan# 1834

Delta R.T. -0.01 min

Lab File: BN002252.D

Acq: 08 Aug 2018 15:22

Instrument :

BNA_E

ClientSampleId :

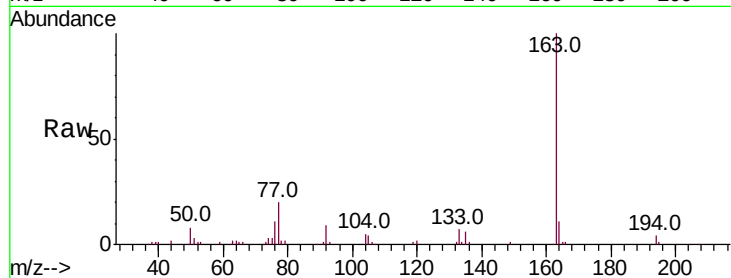
Tot Ion:163 Resp: 164888

Ion Ratio Lower Upper

163 100

194 4.2 3.2 4.8

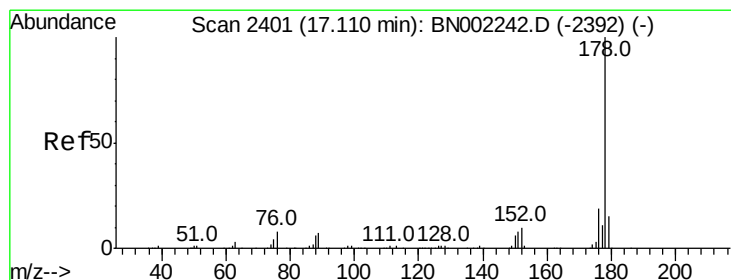
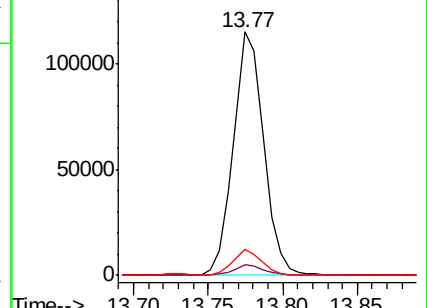
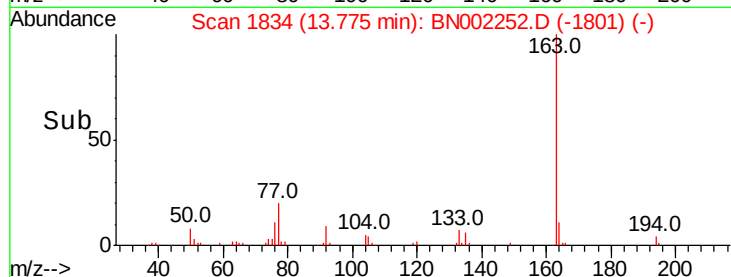
164 10.7 7.8 11.8



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#69

Phenanthrene

Concen: 1.097 ng/ul

RT: 17.10 min Scan# 2400

Delta R.T. -0.01 min

Lab File: BN002252.D

Acq: 08 Aug 2018 15:22

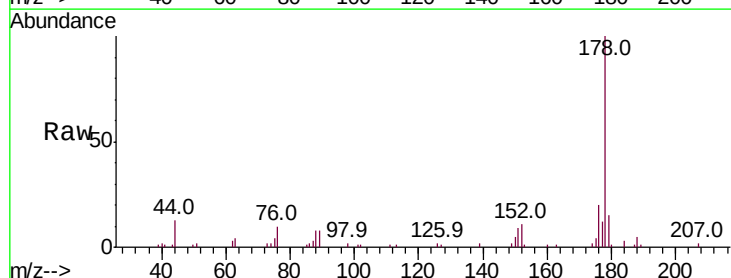
Tgt Ion:178 Resp: 56744

Ion Ratio Lower Upper

178 100

179 15.4 12.2 18.4

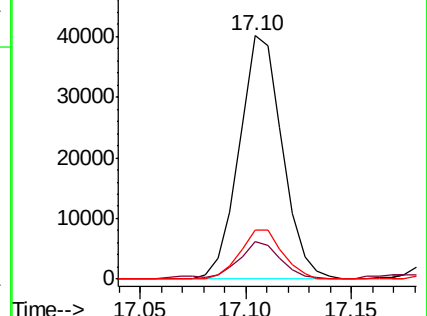
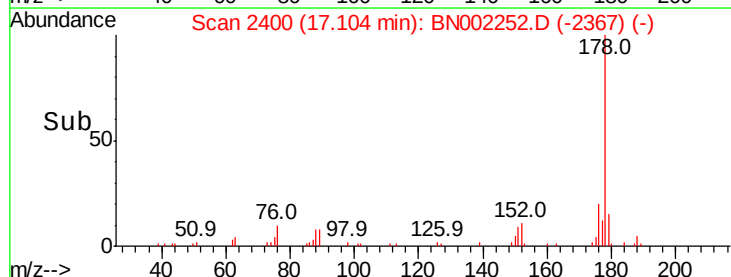
176 20.0 15.6 23.4

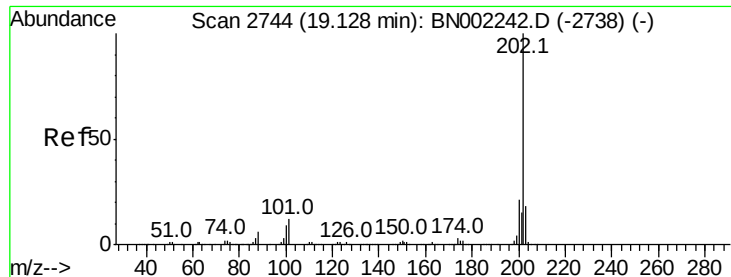


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#76

Fluoranthene

Concen: 2.181 ng/ul

RT: 19.13 min Scan# 2744

Delta R.T. -0.00 min

Lab File: BN002252.D

Acq: 08 Aug 2018 15:22

Instrument :

BNA_E

ClientSampleId :

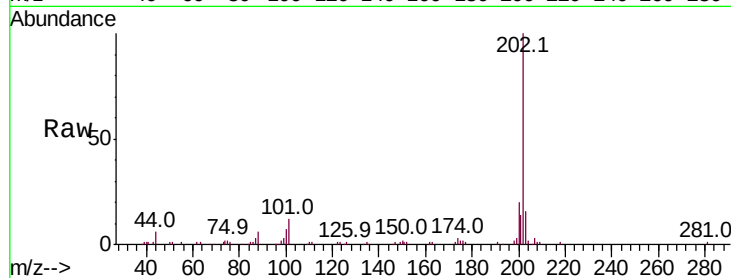
Tot Ion:202 Resp: 119737

Ion Ratio Lower Upper

202 100

101 11.7 8.8 13.2

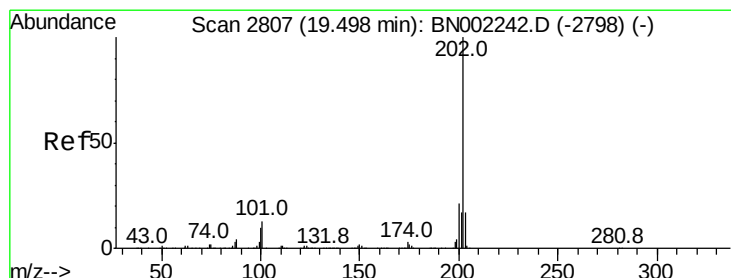
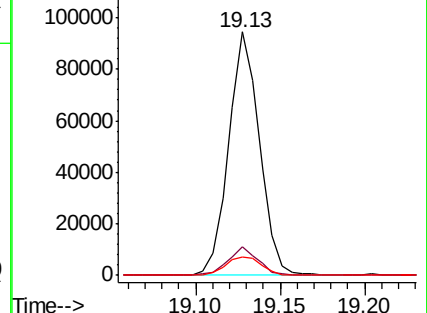
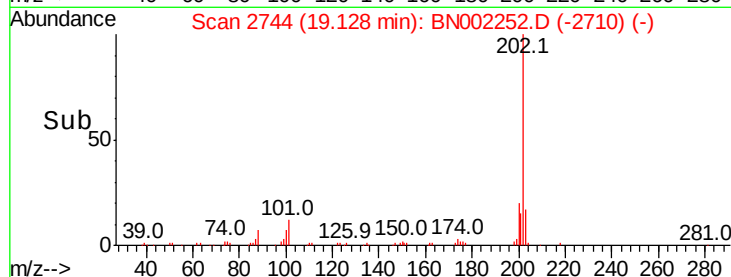
100 7.4 6.6 9.8



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



#79

Pyrene

Concen: 1.881 ng/ul

RT: 19.49 min Scan# 2806

Delta R.T. -0.01 min

Lab File: BN002252.D

Acq: 08 Aug 2018 15:22

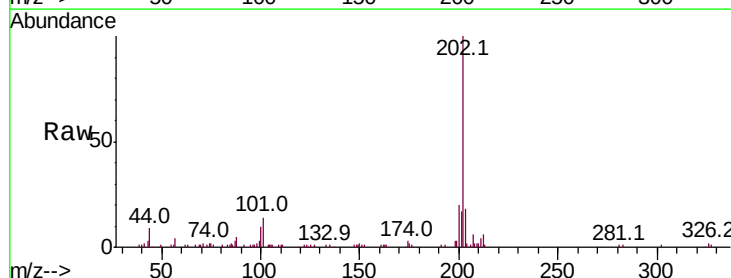
Tgt Ion:202 Resp: 99562

Ion Ratio Lower Upper

202 100

101 14.3 10.2 15.2

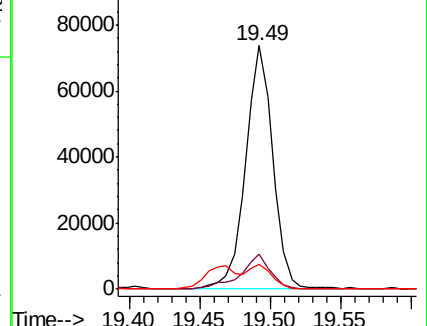
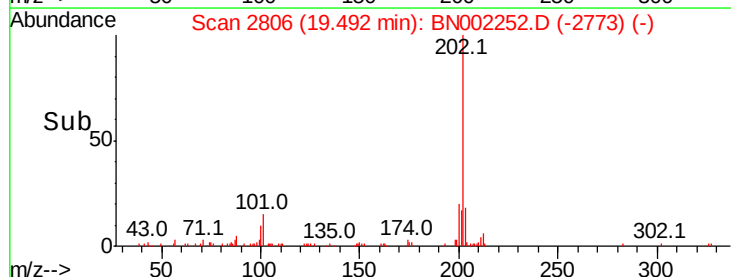
100 9.9 8.5 12.7

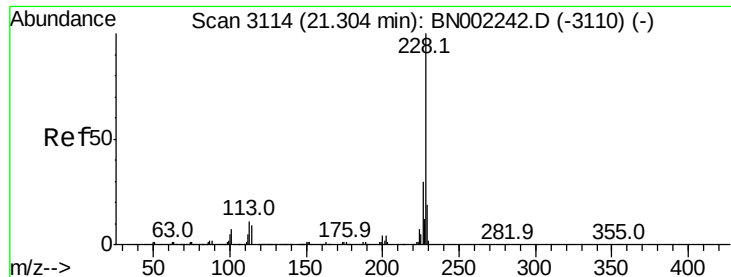


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#84

Chrysene

Concen: 1.037 ng/ul

RT: 21.30 min Scan# 3113

Delta R.T. -0.01 min

Lab File: BN002252.D

Acq: 08 Aug 2018 15:22

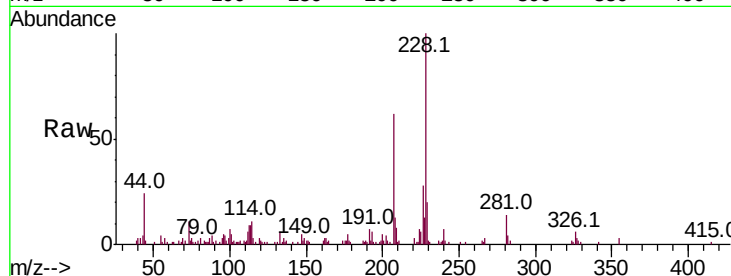
Instrument :

BNA_E

ClientSampled :

Tot Ion:228 Resp: 50763

Ion	Ratio	Lower	Upper
228	100		
226	28.5	24.0	36.0
229	19.6	15.6	23.4

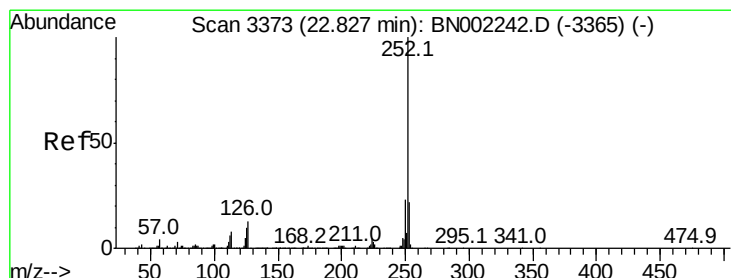
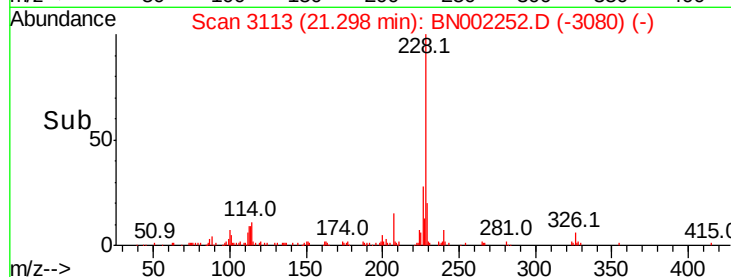
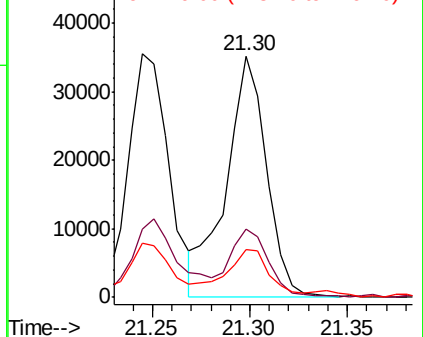


Abundance

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: 1.217 ng/ul

RT: 22.83 min Scan# 3373

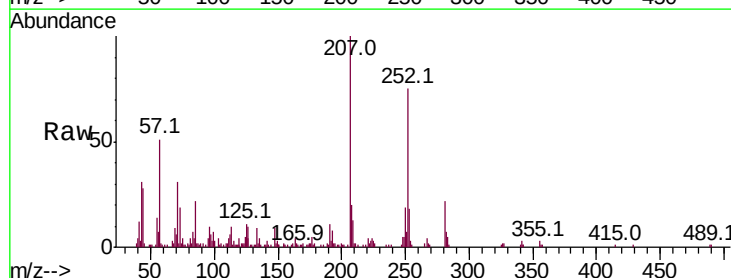
Delta R.T. 0.00 min

Lab File: BN002252.D

Acq: 08 Aug 2018 15:22

Tgt Ion:252 Resp: 63953

Ion	Ratio	Lower	Upper
252	100		
253	24.5	17.5	26.3
125	14.5	8.5	12.7#

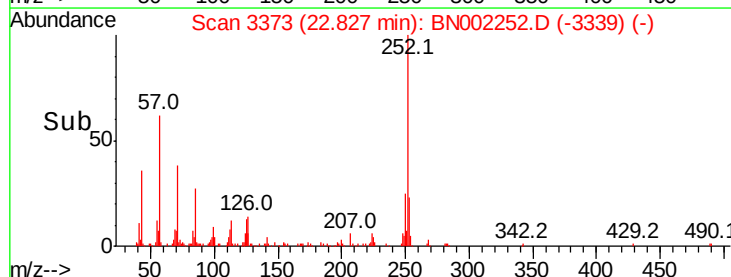
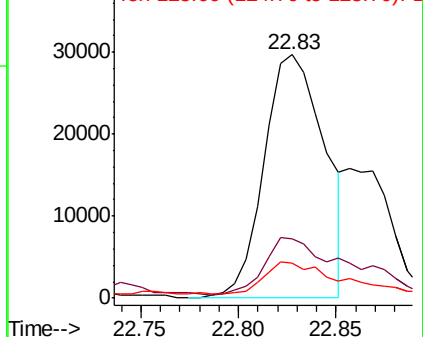


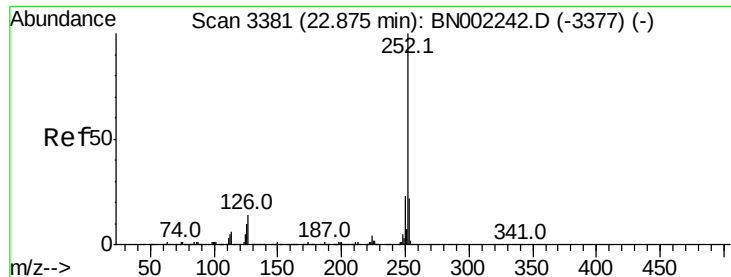
Abundance

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: 1.281 ng/ul

RT: 22.83 min Scan# 3373

Delta R.T. -0.05 min

Lab File: BN002252.D

Acq: 08 Aug 2018 15:22

Instrument :

BNA_E

ClientSampleId :

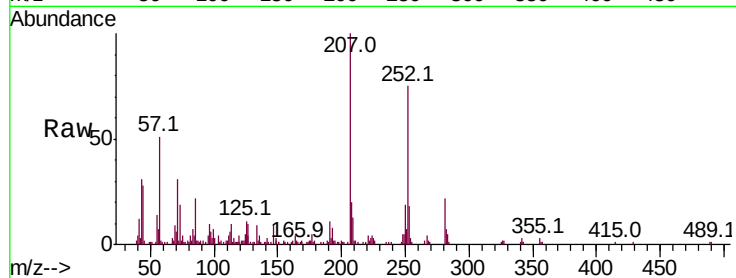
Tot Ion:252 Resp: 63953

Ion Ratio Lower Upper

252 100

253 24.5 17.3 25.9

125 14.5 8.2 12.2#



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

