

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071618\
 Data File : BN002058.D
 Acq On : 16 Jul 2018 21:04
 Operator : JU/SJ
 Sample : J3967-05
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DB1E1

Quant Time: Jul 25 03:05:34 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN071318MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jul 17 00:49:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	316465	20.00	ng/ul	0.00
18) Naphthalene-d8	10.48	136	1465119	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.33	164	884841	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.09	188	2033241	20.00	ng/ul	0.00
77) Chrysene-d12	21.29	240	2117172	20.00	ng/ul	0.00
85) Perylene-d12	23.52	264	2076838	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.26	96	41702	5.95	ng/uL	0.00
5) Phenol-d5	6.89	99	206605	6.93	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.05	67	588861	32.43	ng/ul	0.00
9) 2-Chlorophenol-d4	7.24	132	611248	25.97	ng/ul	0.00
13) 4-Methylphenol-d8	8.41	113	399188	16.63	ng/ul	0.00
19) Nitrobenzene-d5	8.85	128	402294	33.15	ng/ul	0.00
22) 2-Nitrophenol-d4	9.57	143	467029	34.03	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.10	165	747784	30.10	ng/ul	0.00
29) 4-Chloroaniline-d4	10.63	131	1740	0.06	ng/ul	0.02
43) Dimethylphthalate-d6	13.75	166	2630176	35.07	ng/ul	0.00
46) Acenaphthylene-d8	14.03	160	3133448	33.58	ng/ul	0.00
51) 4-Nitrophenol-d4	14.55	143	107838	7.53	ng/ul	0.00
57) Fluorene-d10	15.33	176	2227353	34.53	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.46	200	453678	34.26	ng/ul	0.00
70) Anthracene-d10	17.19	188	3404362	34.34	ng/ul	0.00
78) Pyrene-d10	19.49	212	3788044	34.42	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.38	264	3959404	35.30	ng/ul	0.00

Target Compounds

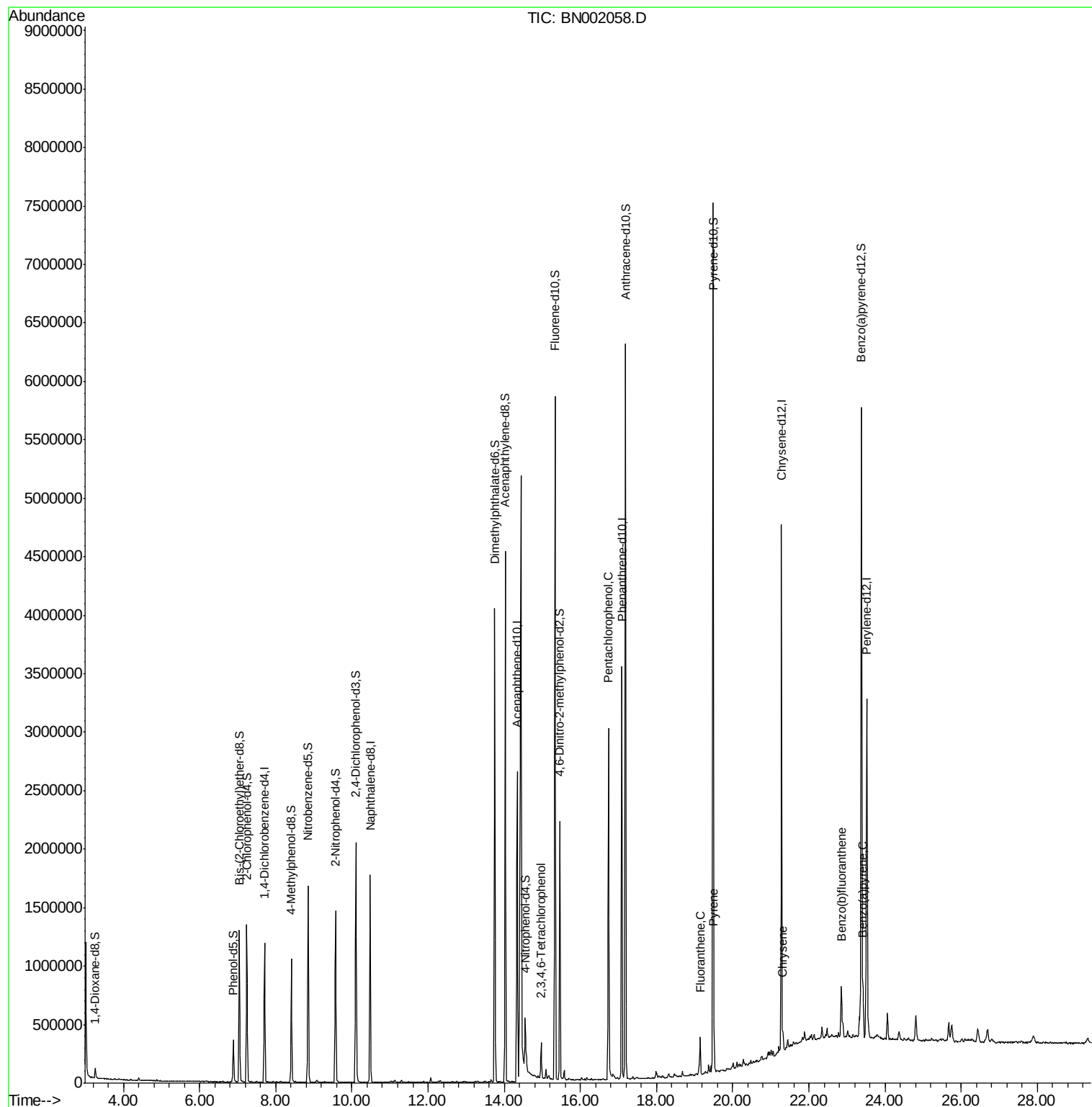
					Ovalue
55) 2,3,4,6-Tetrachlorophenol	14.97	232	58168	3.180	ng/ul 96
68) Pentachlorophenol	16.74	266	516325	36.662	ng/ul 99
76) Fluoranthene	19.14	202	184266	1.521	ng/ul 99
79) Pyrene	19.51	202	168277	1.239	ng/ul 100
84) Chrysene	21.32	228	138409	1.101	ng/ul 99
87) Benzo(b)fluoranthene	22.85	252	266481	2.085	ng/ul 98
90) Benzo(a)pyrene	23.42	252	167401	1.378	ng/ul 98

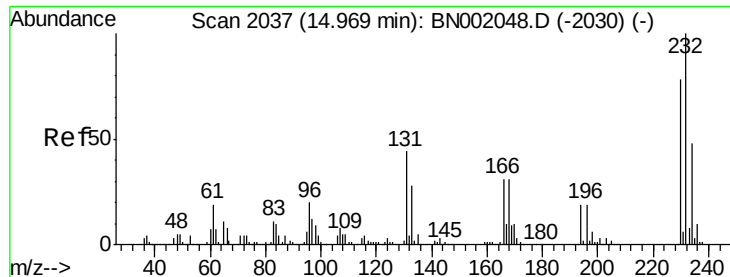
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#55

2,3,4,6-Tetrachlorophenol

Concen: 3.180 ng/ul

RT: 14.97 min Scan# 2037

Delta R.T. -0.00 min

Lab File: BN002058.D

Acq: 16 Jul 2018 21:04

Instrument :

BNA_N

ClientSampleId :

DB1E1

Tot Ion:232 Resp: 58168

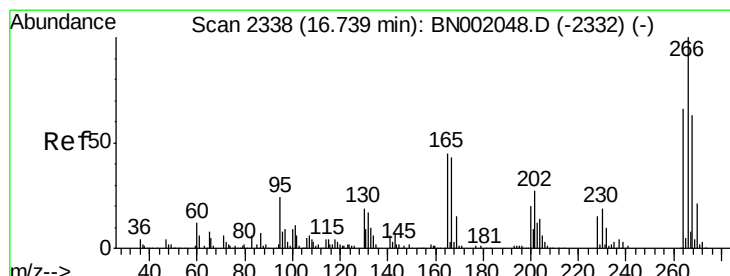
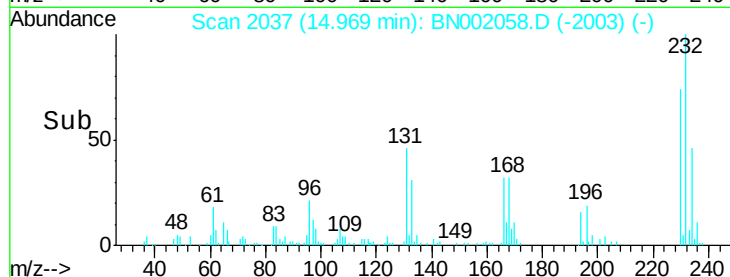
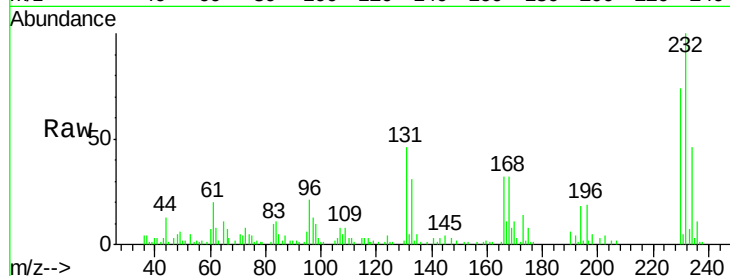
Ion	Ratio	Lower	Upper
232	100		
131	46.1	39.4	59.2
130	2.5	2.2	3.2
166	31.5	26.6	39.8

Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#68

Pentachlorophenol

Concen: 36.662 ng/ul

RT: 16.74 min Scan# 2338

Delta R.T. -0.00 min

Lab File: BN002058.D

Acq: 16 Jul 2018 21:04

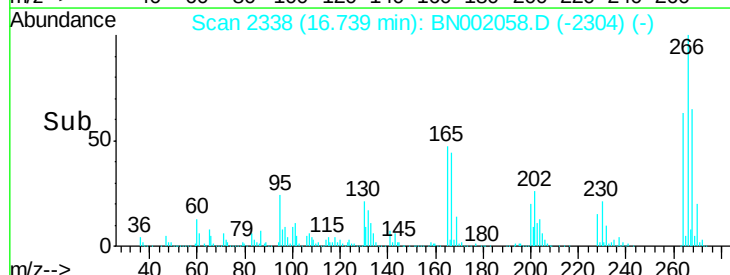
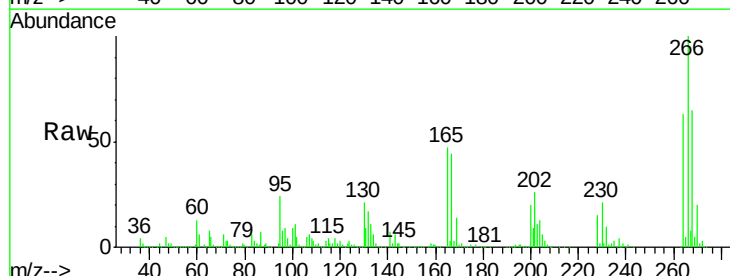
Tgt Ion:266 Resp: 516325

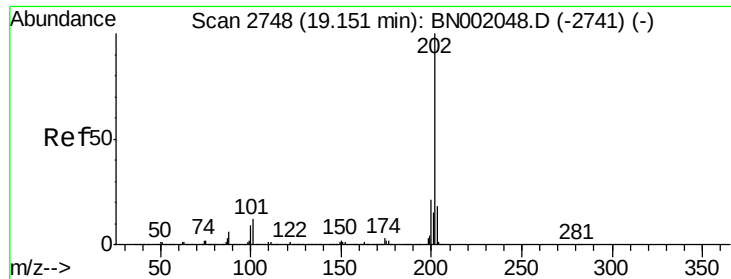
Ion	Ratio	Lower	Upper
266	100		
264	62.9	50.5	75.7
268	64.7	50.9	76.3

Abundance Ion 265.70 (265.40 to 266.40): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E

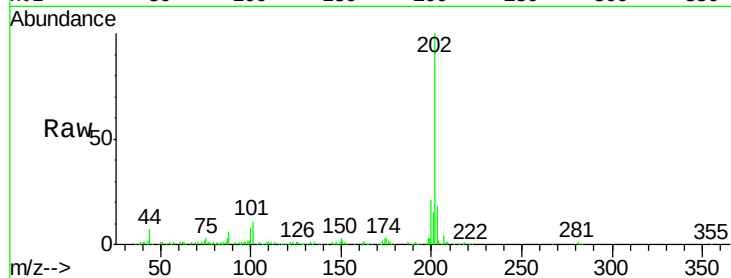




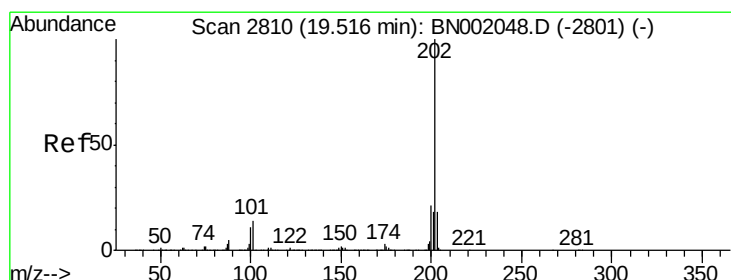
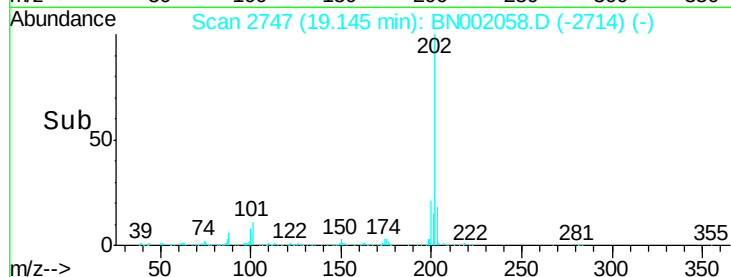
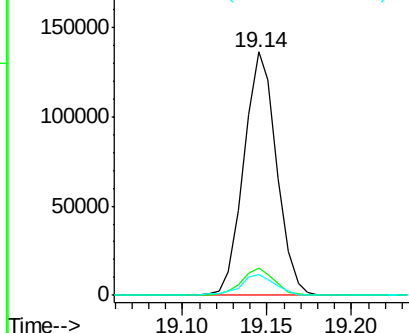
#76
Fluoranthene
Concen: 1.521 ng/ul
RT: 19.14 min Scan# 2747
Delta R.T. -0.01 min
Lab File: BN002058.D
Acq: 16 Jul 2018 21:04

Instrument :
BNA_N
ClientSampleId :
DB1E1

Tot Ion	Ratio	Lower	Upper
202	100		
101	11.2	8.8	13.2
100	8.4	6.6	9.8

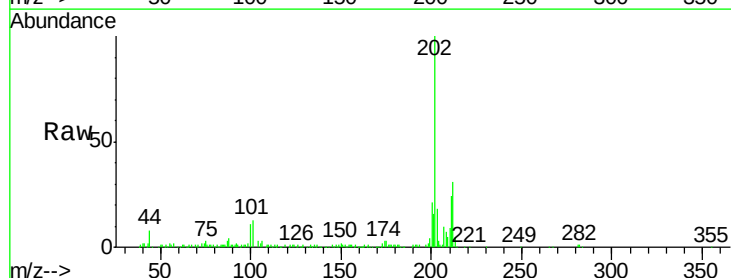


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

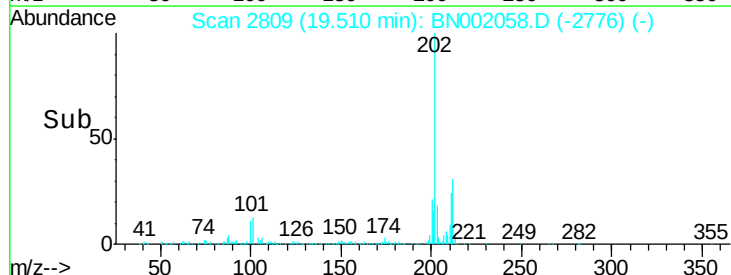
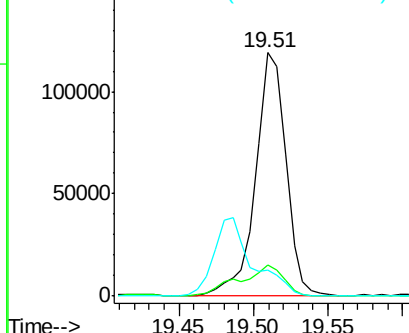


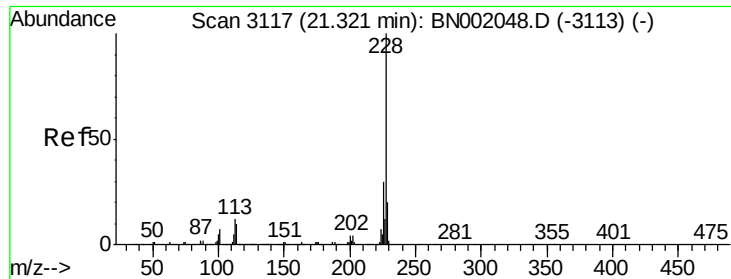
#79
Pyrene
Concen: 1.239 ng/ul
RT: 19.51 min Scan# 2809
Delta R.T. -0.01 min
Lab File: BN002058.D
Acq: 16 Jul 2018 21:04

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.9	10.2	15.2
100	10.7	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: 1.101 ng/ul

RT: 21.32 min Scan# 3117

Delta R.T. -0.00 min

Lab File: BN002058.D

Acq: 16 Jul 2018 21:04

Instrument :

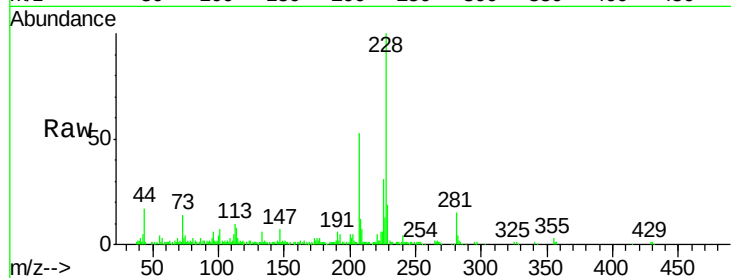
BNA_N

ClientSampleId :

DB1E1

Tot Ion:228 Resp: 138409

Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.0	36.0
229	19.4	15.6	23.4

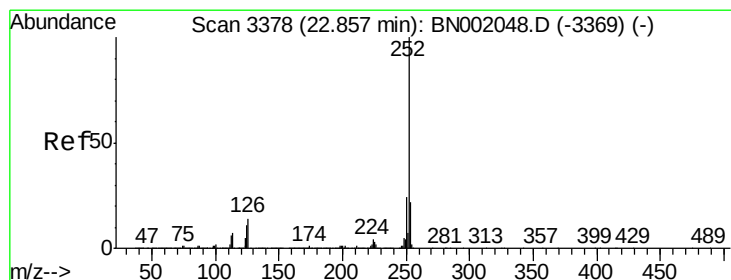
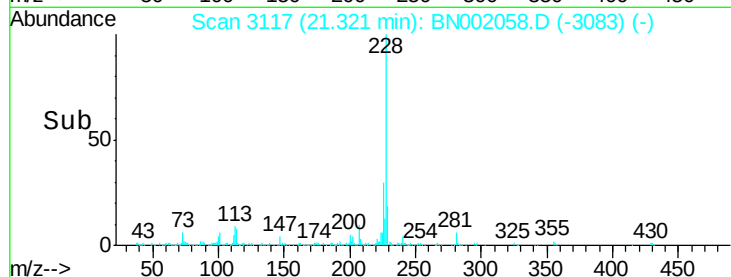
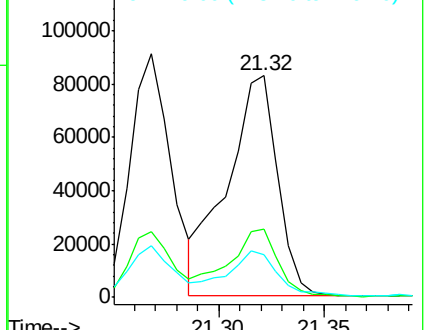


Abundance

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: 2.085 ng/ul

RT: 22.85 min Scan# 3377

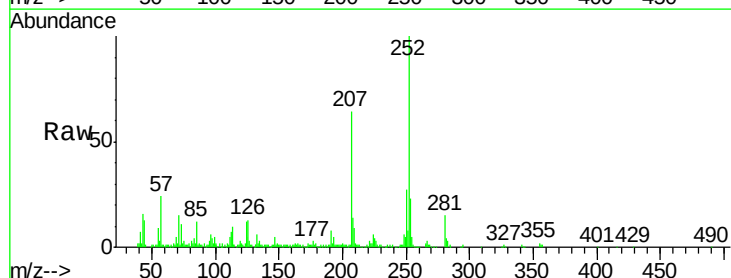
Delta R.T. -0.01 min

Lab File: BN002058.D

Acq: 16 Jul 2018 21:04

Tgt Ion:252 Resp: 266481

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.5	26.3
125	12.1	8.5	12.7

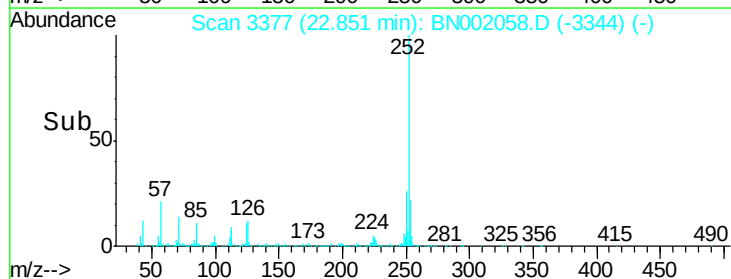
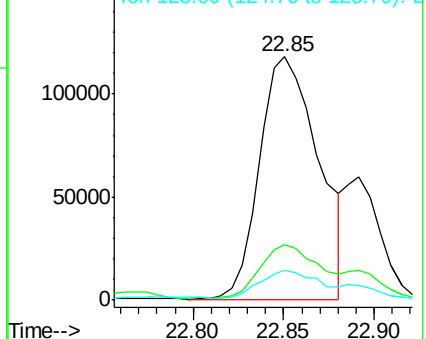


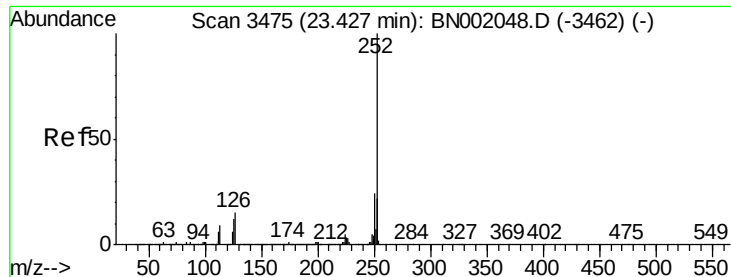
Abundance

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





#90

Benzo(a)pyrene

Concen: 1.378 ng/ul

RT: 23.42 min Scan# 3474

Delta R.T. -0.01 min

Lab File: BN002058.D

Acq: 16 Jul 2018 21:04

Instrument :

BNA_N

ClientSampleId :

DB1E1

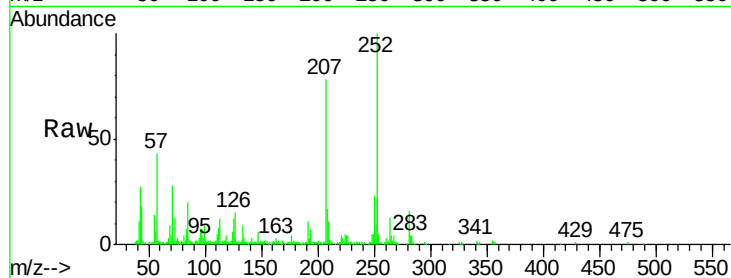
Tot Ion:252 Resp: 167401

Ion Ratio Lower Upper

252 100

253 22.5 17.2 25.8

125 12.3 9.0 13.6



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

