

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN021819\
 Data File : BN004447.D
 Acq On : 18 Feb 2019 17:40
 Operator : JU/SJ
 Sample : K1491-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 CB572

Quant Time: Feb 19 07:27:31 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	19740	20.00	ng/ul	0.00
18) Naphthalene-d8	10.53	136	96799	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.38	164	75624	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.13	188	219750	20.00	ng/ul	0.00
78) Chrysene-d12	21.33	240	317380	20.00	ng/ul	0.00
86) Perylene-d12	23.59	264	383145	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

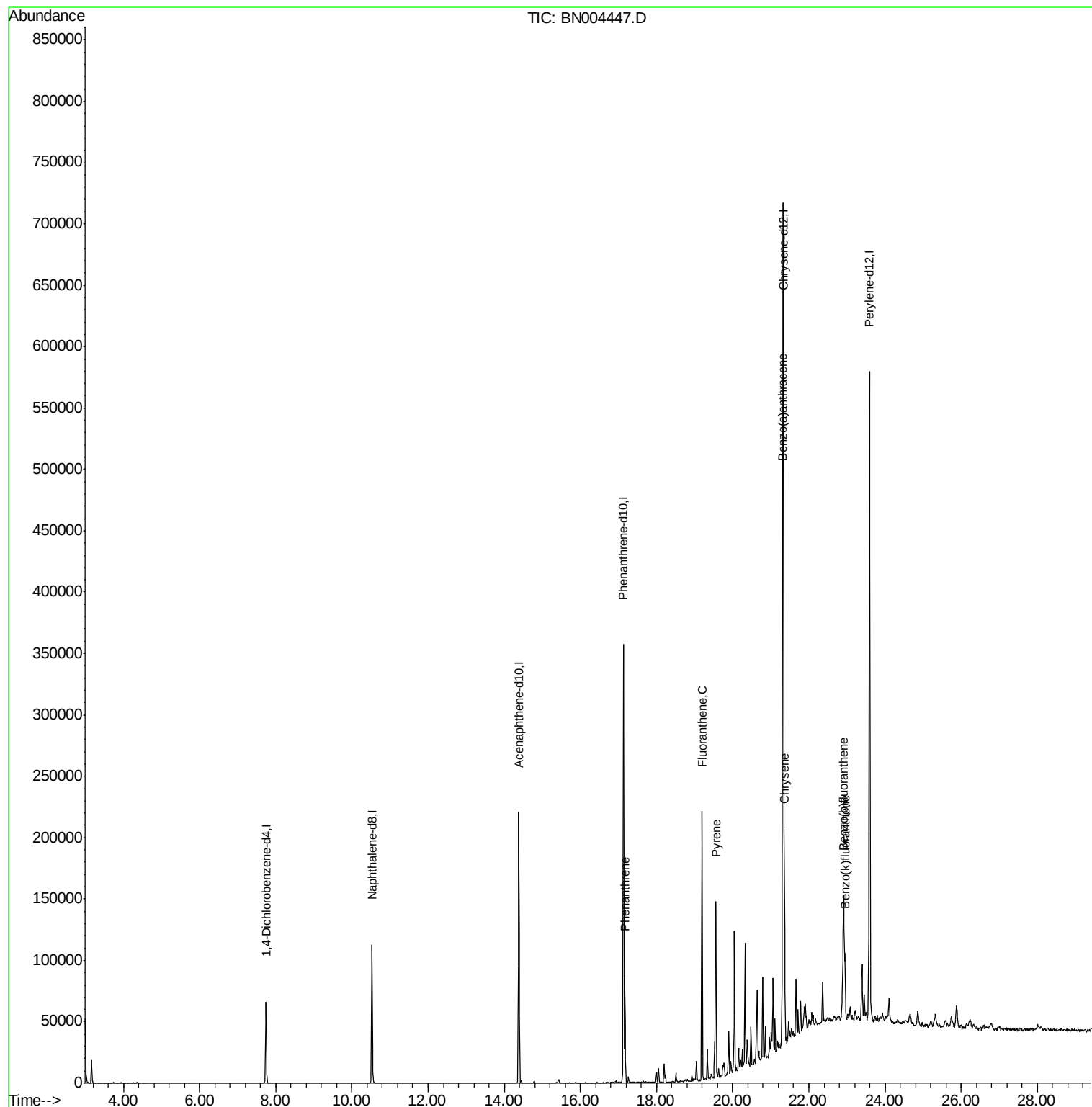
					Ovalue	
70) Phenanthrene	17.17	178	56169	4.607	ng/ul	99
77) Fluoranthene	19.19	202	129142	8.604	ng/ul	98
80) Pyrene	19.56	202	89118	5.078	ng/ul	99
83) Benzo(a)anthracene	21.31	228	70348	3.596	ng/ul	99
85) Chrysene	21.36	228	72308	3.894	ng/ul	99
88) Benzo(b)fluoranthene	22.91	252	92195	4.063	ng/ul	99
89) Benzo(k)fluoranthene	22.95	252	29957	1.358	ng/ul	98

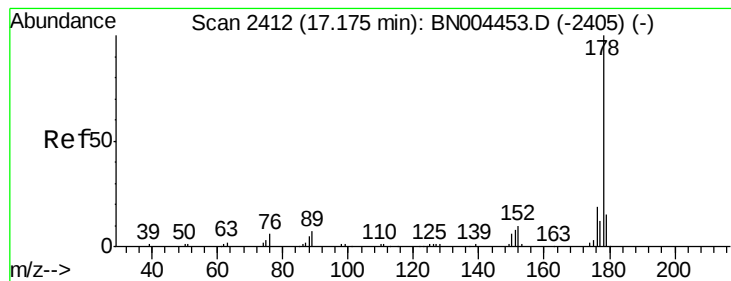
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#70

Phenanthrene

Concen: 4.607 ng/ul

RT: 17.17 min Scan# 2411

Delta R.T. -0.01 min

Lab File: BN004447.D

Acq: 18 Feb 2019 17:40

Instrument :

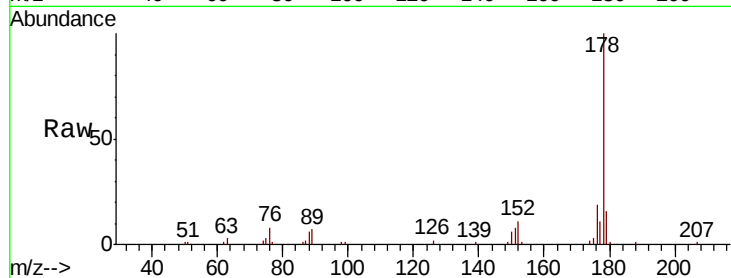
BNA_N

ClientSampleId :

CB572

Tot Ion:178 Resp: 56169

Ion	Ratio	Lower	Upper
178	100		
179	16.1	12.3	18.5
176	19.0	15.4	23.0

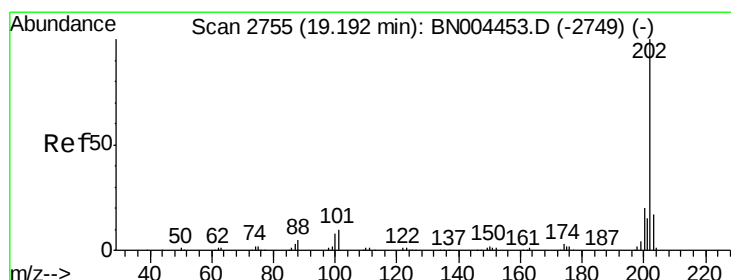
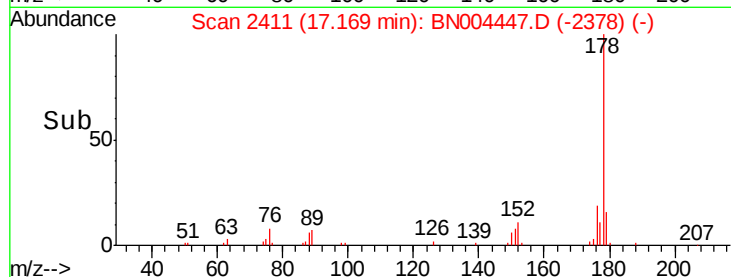
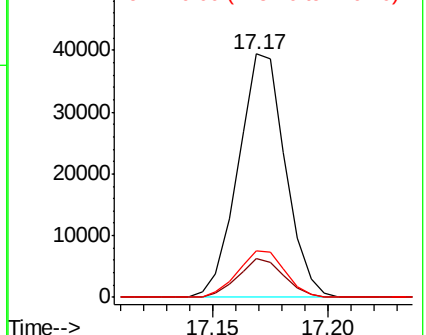


Abundance

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: 8.604 ng/ul

RT: 19.19 min Scan# 2755

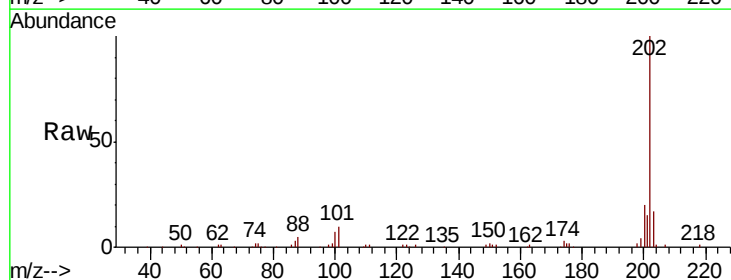
Delta R.T. 0.00 min

Lab File: BN004447.D

Acq: 18 Feb 2019 17:40

Tgt Ion:202 Resp: 129142

Ion	Ratio	Lower	Upper
202	100		
101	9.6	8.2	12.4
100	7.5	6.6	9.8

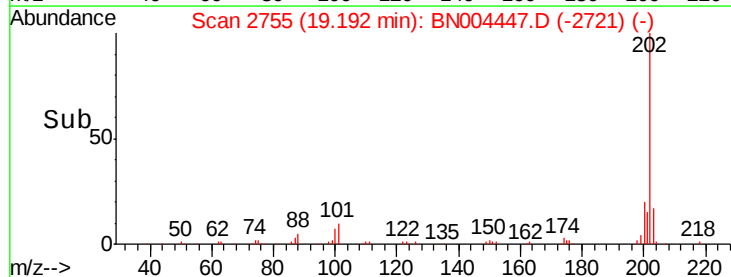
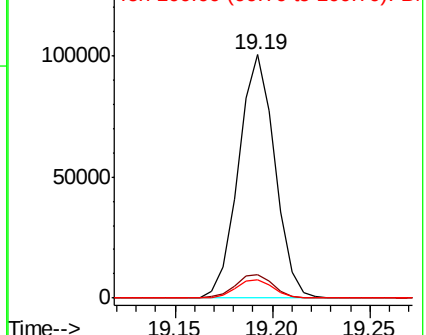


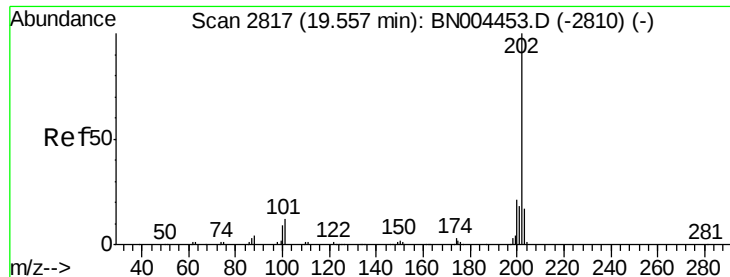
Abundance

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

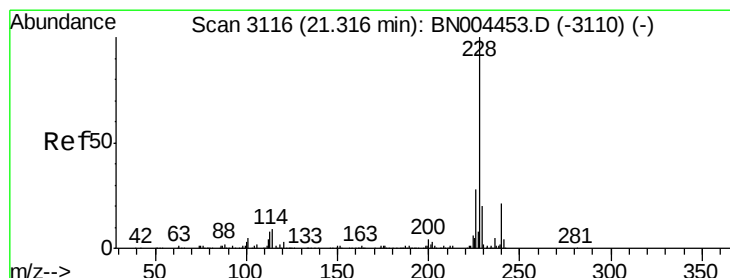
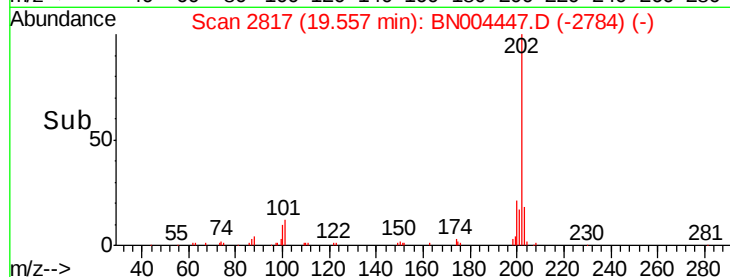
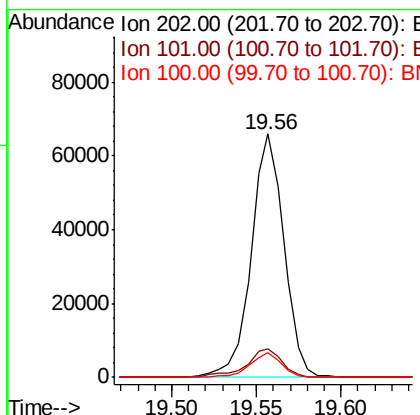
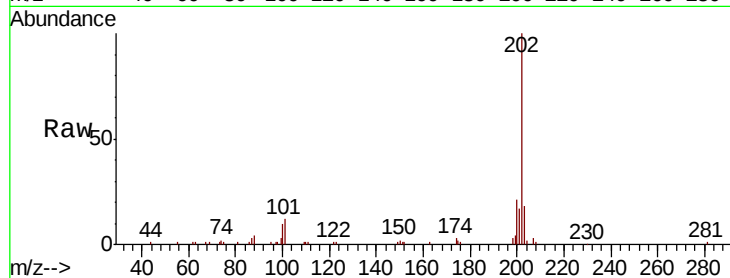




#80
Pvrene
Concen: 5.078 ng/ul
RT: 19.56 min Scan# 2817
Delta R.T. -0.01 min
Lab File: BN004447.D
Acq: 18 Feb 2019 17:40

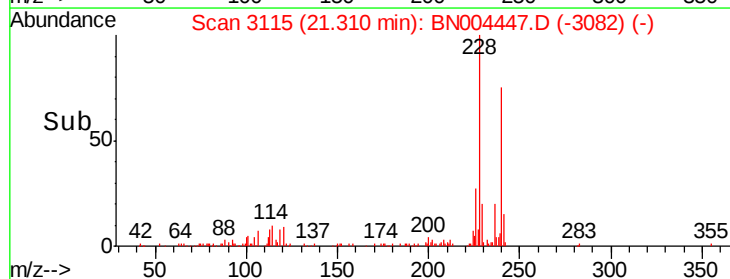
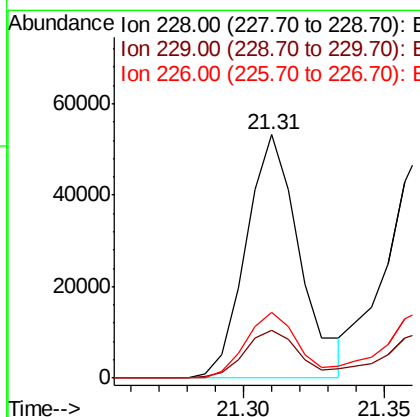
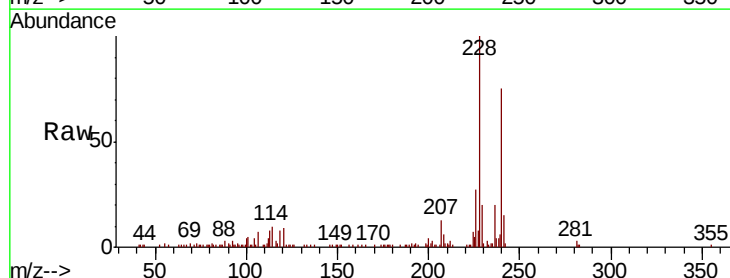
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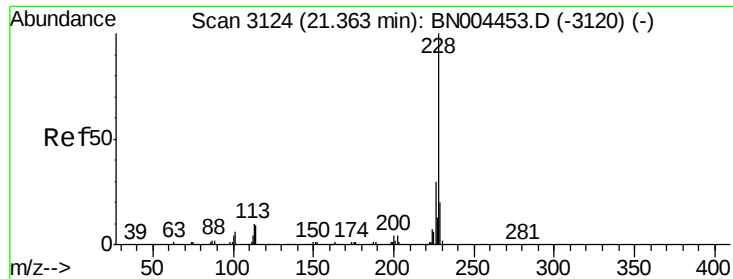
Tot Ion	Ratio	Lower	Upper
202	100		
101	11.6	9.2	13.8
100	10.0	7.5	11.3



#83
Benzo(a)anthracene
Concen: 3.596 ng/ul
RT: 21.31 min Scan# 3115
Delta R.T. -0.01 min
Lab File: BN004447.D
Acq: 18 Feb 2019 17:40

Tgt Ion	Ratio	Lower	Upper
228	100		
229	19.9	15.4	23.2
226	27.0	21.4	32.2



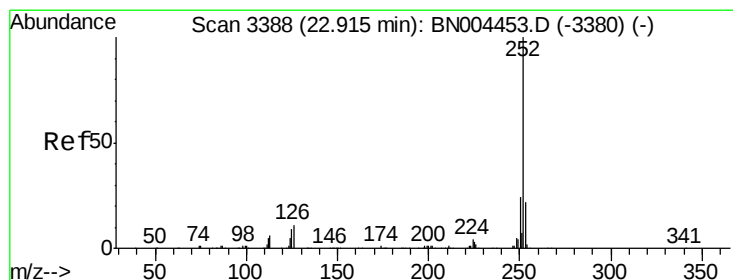
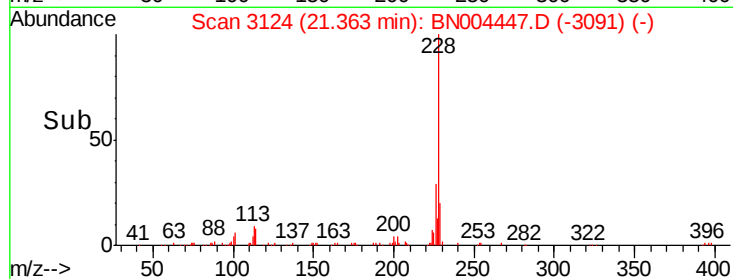
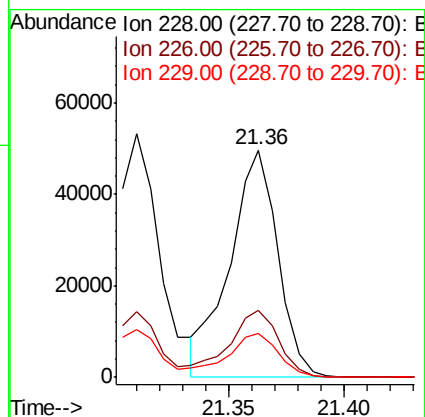
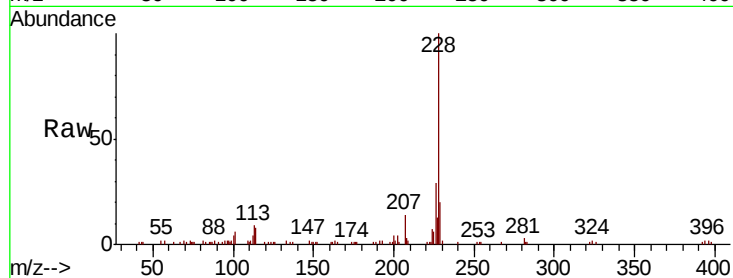


#85
 Chrysene
 Concen: 3.894 ng/ul
 RT: 21.36 min Scan# 3124
 Delta R.T. -0.01 min
 Lab File: BN004447.D
 Acq: 18 Feb 2019 17:40

Instrument :
 BNA_N
 ClientSampleId :
 CB572

Tot Ion:228 Resp: 72308

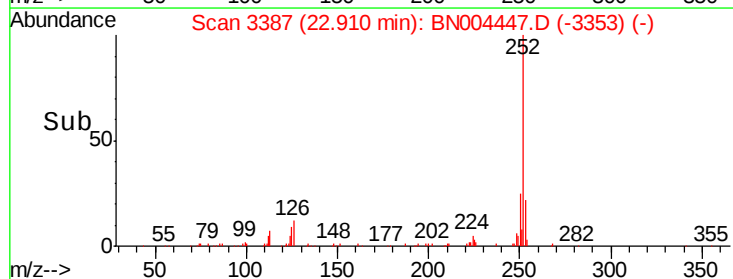
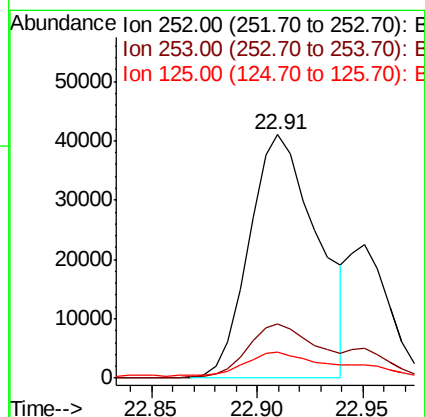
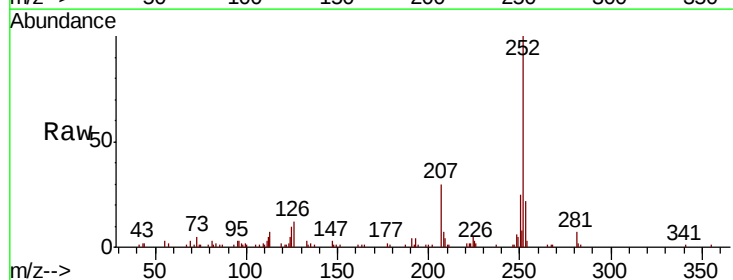
Ion	Ratio	Lower	Upper
228	100		
226	29.4	24.0	36.0
229	19.6	15.7	23.5

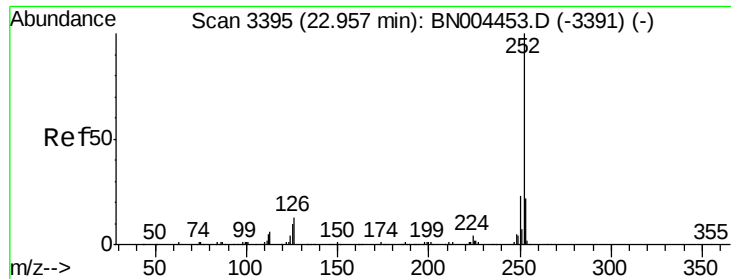


#88
 Benzo(b)fluoranthene
 Concen: 4.063 ng/ul
 RT: 22.91 min Scan# 3387
 Delta R.T. 0.00 min
 Lab File: BN004447.D
 Acq: 18 Feb 2019 17:40

Tgt Ion:252 Resp: 92195

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.7	26.5
125	10.4	7.4	11.2





#89

Benzo(k)fluoranthene

Concen: 1.358 ng/ul

RT: 22.95 min Scan# 3394

Delta R.T. -0.01 min

Lab File: BN004447.D

Acq: 18 Feb 2019 17:40

Instrument :

BNA_N

ClientSampleId :

CB572

Tot Ion:252 Resp: 29957

Ion Ratio Lower Upper

252 100

253 22.4 17.4 26.2

125 10.1 7.4 11.0

