

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN102218\
 Data File : BN003262.D
 Acq On : 23 Oct 2018 11:40
 Operator : MJ/SJ
 Sample : J5257-19
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Oct 23 18:31:33 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN101918MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 23 05:03:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	64032	20.00	ng/ul	0.00
18) Naphthalene-d8	10.37	136	291756	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.25	164	207672	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.00	188	522319	20.00	ng/ul	0.00
77) Chrysene-d12	21.21	240	580008	20.00	ng/ul	0.00
85) Perylene-d12	23.42	264	574300	20.00	ng/ul	-0.01

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	
43) Dimethylphthalate-d6	0.00	166	0	0.00	ng/ul	
46) Acenaphthylene-d8	0.00	160	0	0.00	ng/ul	
51) 4-Nitrophenol-d4	14.53	143	505	0.21	ng/ul	0.02
57) Fluorene-d10	15.26	176	1206	0.08	ng/ul	0.02
62) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
70) Anthracene-d10	17.00	188	522319	20.20	ng/ul	-0.09
78) Pyrene-d10	0.00	212	0	0.00	ng/ul	
89) Benzo(a)pyrene-d12	23.42	264	561500	18.08	ng/ul	0.14

Target Compounds

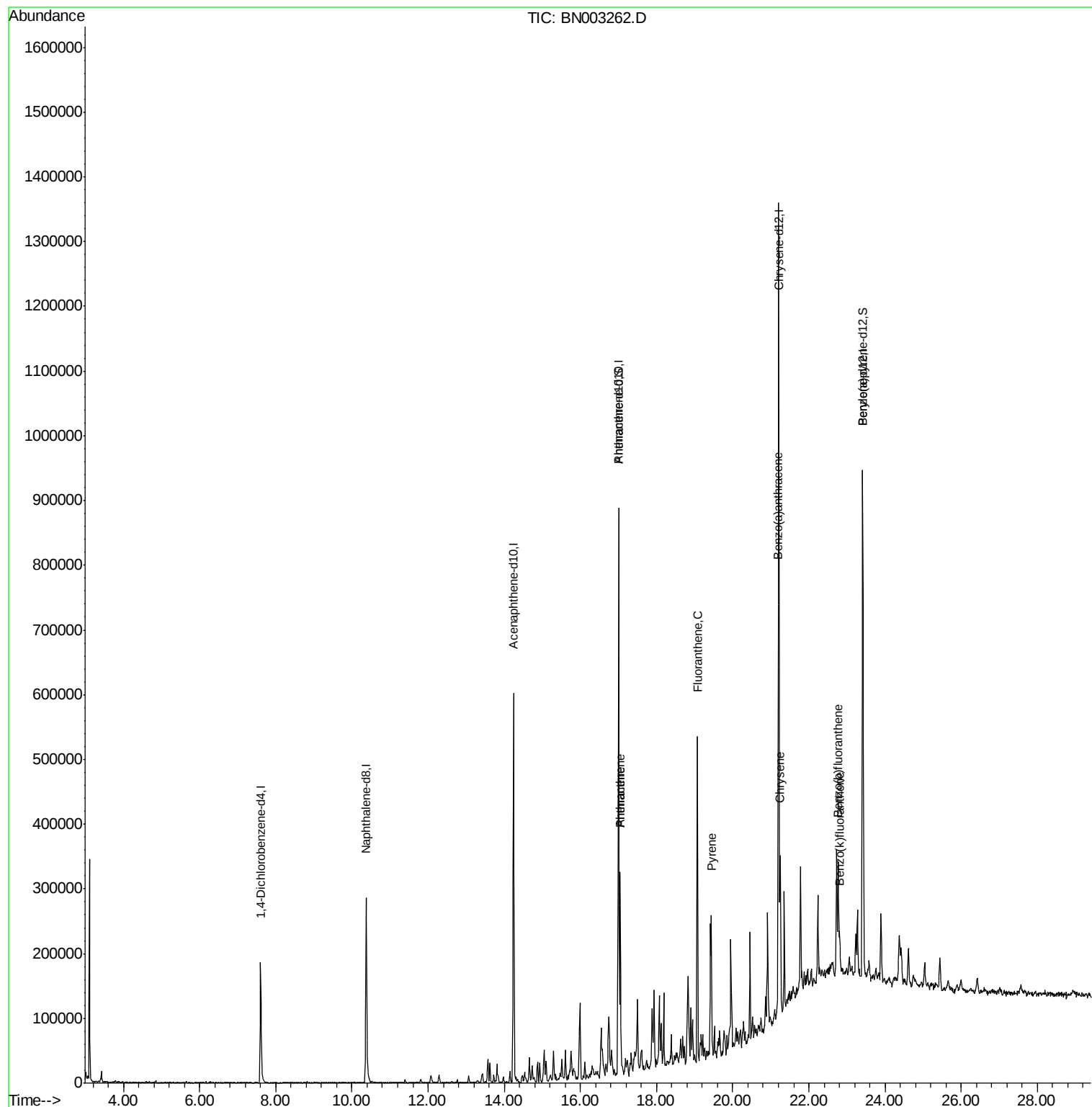
					Ovalue	
69) Phenanthrene	17.05	178	200817	6.809	ng/ul	99
71) Anthracene	17.05	178	200817	6.680	ng/ul	98
76) Fluoranthene	19.07	202	293092	8.497	ng/ul	100
79) Pyrene	19.44	202	133610	3.824	ng/ul	98
82) Benzo(a)anthracene	21.19	228	94706	2.611	ng/ul	97
84) Chrysene	21.25	228	154809	4.545	ng/ul	98
87) Benzo(b)fluoranthene	22.77	252	140580	4.045	ng/ul	98
88) Benzo(k)fluoranthene	22.81	252	36564	1.114	ng/ul	97

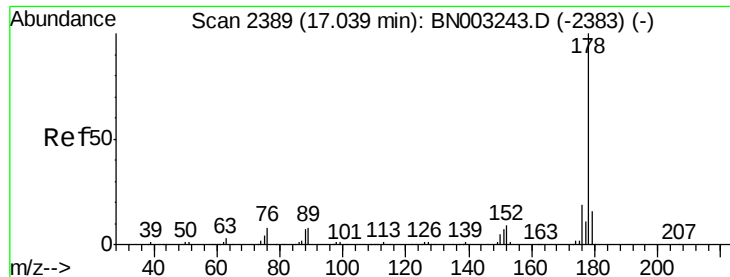
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#69

Phenanthrene

Concen: 6.809 ng/ul

RT: 17.05 min Scan# 2390

Delta R.T. 0.01 min

Lab File: BN003262.D

Acq: 23 Oct 2018 11:40

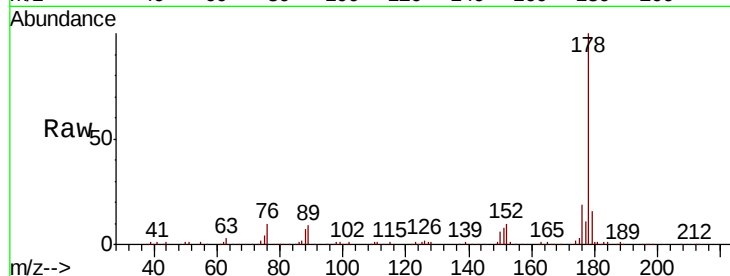
Instrument :

BNA_N

ClientSampleId :

Tot Ion:178 Resp: 200817

Ion	Ratio	Lower	Upper
178	100		
179	16.1	12.6	19.0
176	19.2	14.7	22.1

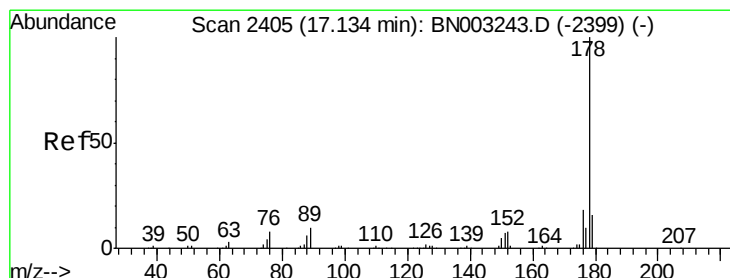
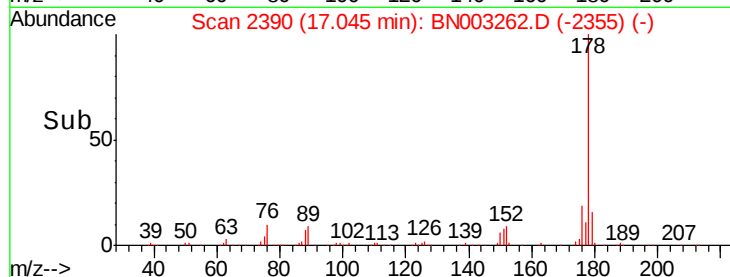
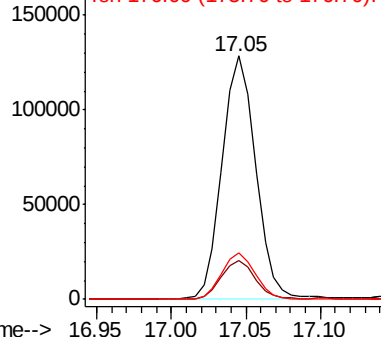


Abundance

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



#71

Anthracene

Concen: 6.680 ng/ul

RT: 17.05 min Scan# 2390

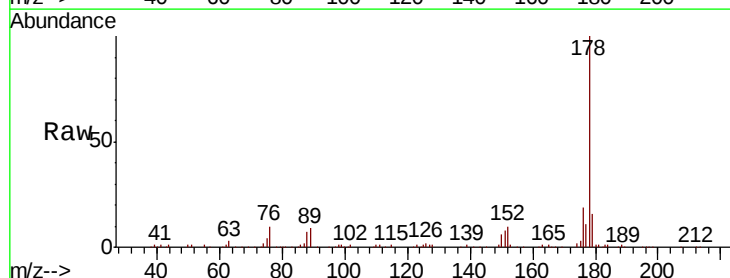
Delta R.T. -0.09 min

Lab File: BN003262.D

Acq: 23 Oct 2018 11:40

Tgt Ion:178 Resp: 200817

Ion	Ratio	Lower	Upper
178	100		
179	16.1	12.2	18.4
176	19.2	14.9	22.3

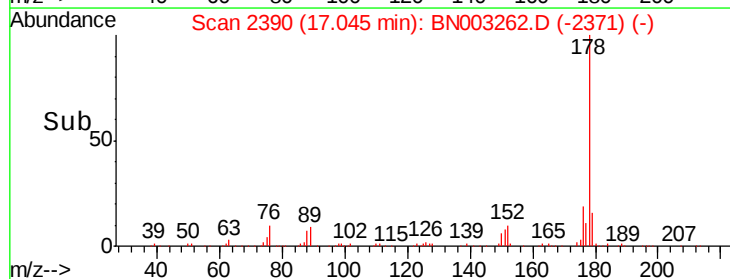
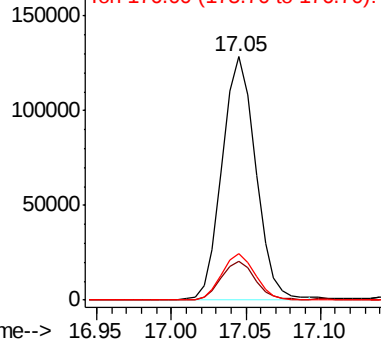


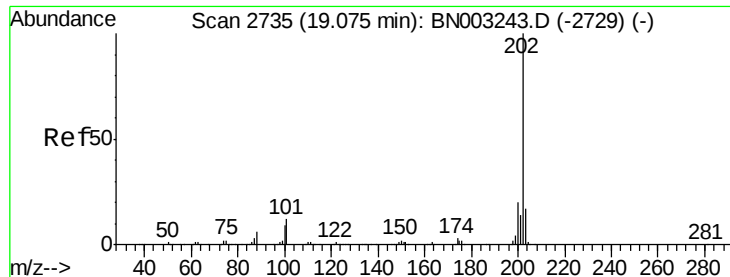
Abundance

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

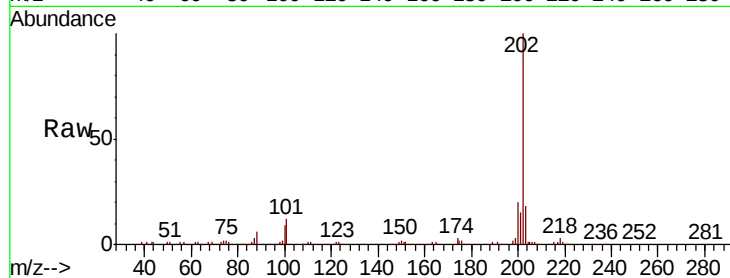




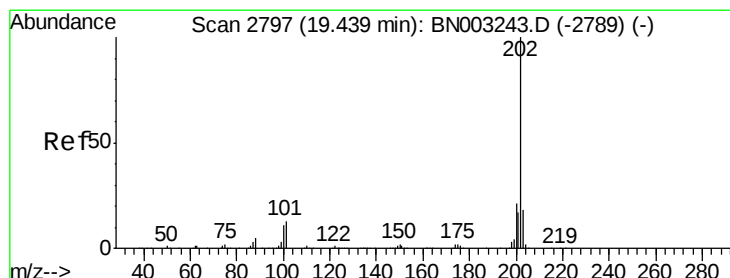
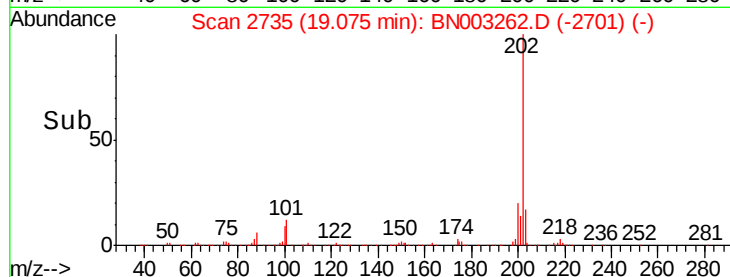
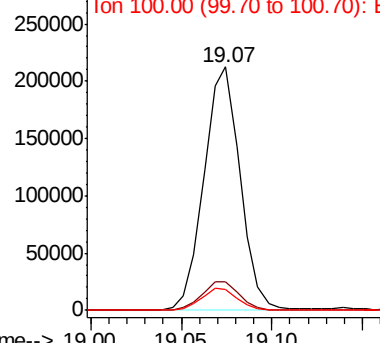
#76
 Fluoranthene
 Concen: 8.497 ng/ul
 RT: 19.07 min Scan# 2735
 Delta R.T. -0.00 min
 Lab File: BN003262.D
 Acq: 23 Oct 2018 11:40

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
202	100		
101	11.8	9.4	14.2
100	8.6	7.2	10.8

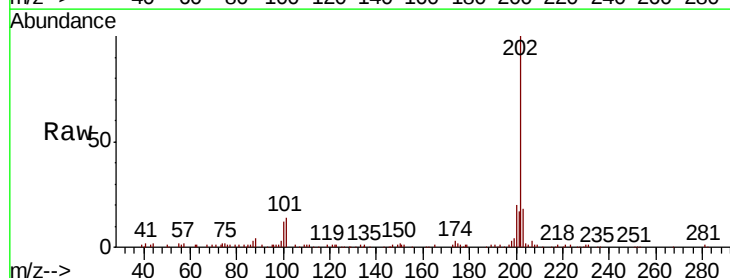


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 100.00 (99.70 to 100.70): B

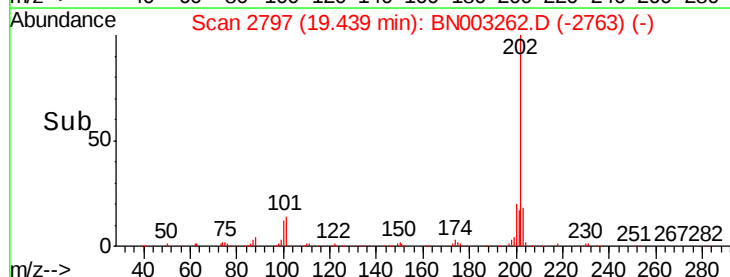
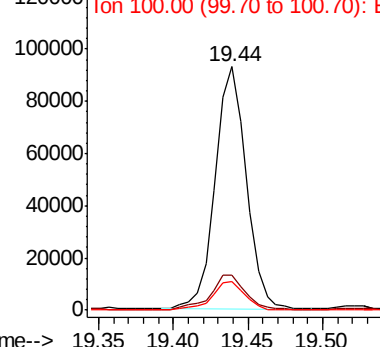


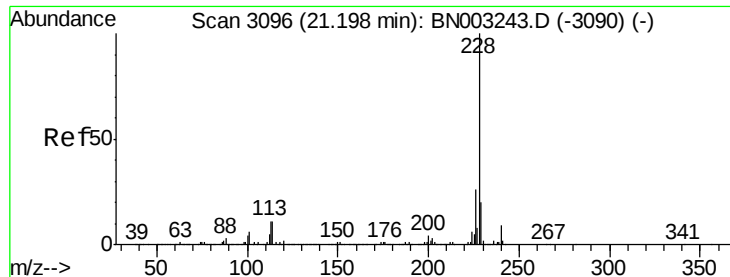
#79
 Pyrene
 Concen: 3.824 ng/ul
 RT: 19.44 min Scan# 2797
 Delta R.T. -0.00 min
 Lab File: BN003262.D
 Acq: 23 Oct 2018 11:40

Tgt Ion	Ratio	Lower	Upper
202	100		
101	14.3	10.8	16.2
100	11.8	8.6	13.0



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

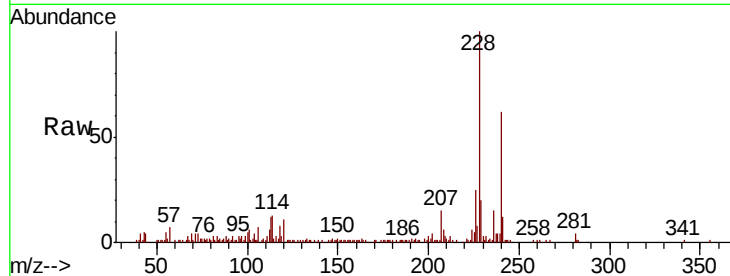




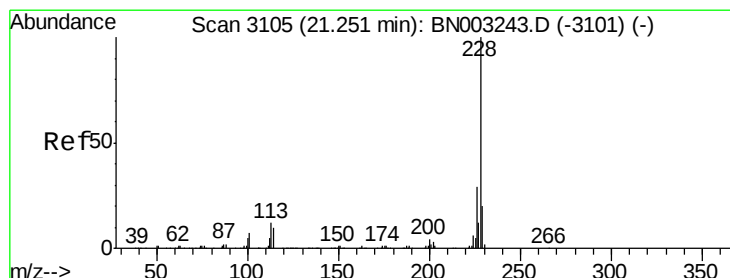
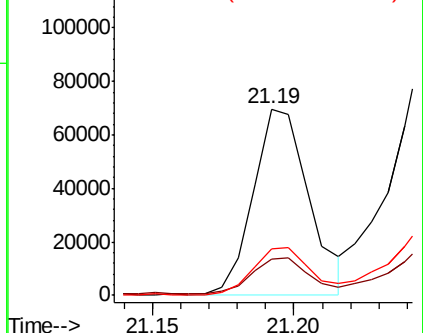
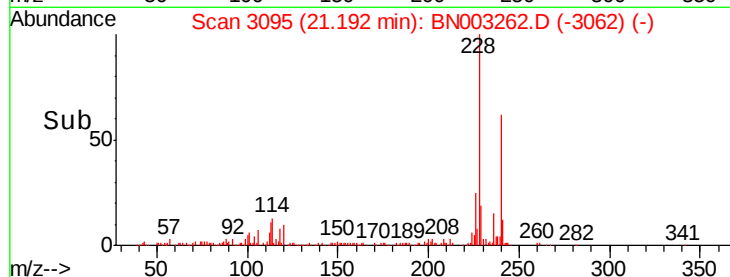
#82
Benzo(a)anthracene
Concen: 2.611 ng/ul
RT: 21.19 min Scan# 3095
Delta R.T. -0.01 min
Lab File: BN003262.D
Acq: 23 Oct 2018 11:40

Instrument :
BNA_N
ClientSampleId :

Tot Ion:228 Resp: 94706
Ion Ratio Lower Upper
228 100
229 19.7 15.4 23.2
226 24.6 21.4 32.2

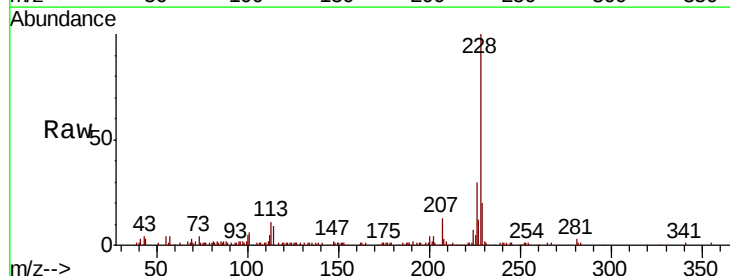


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 229.00 (228.70 to 229.70): E
Ion 226.00 (225.70 to 226.70): E

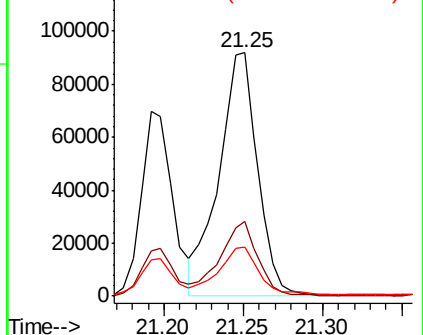
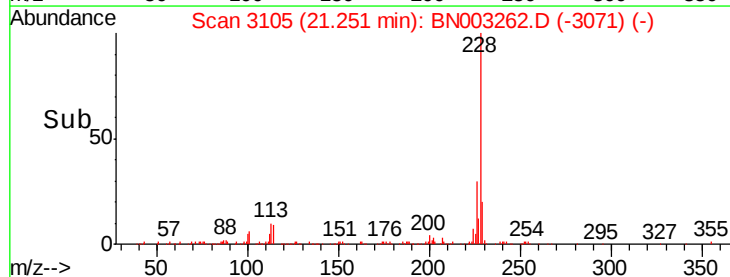


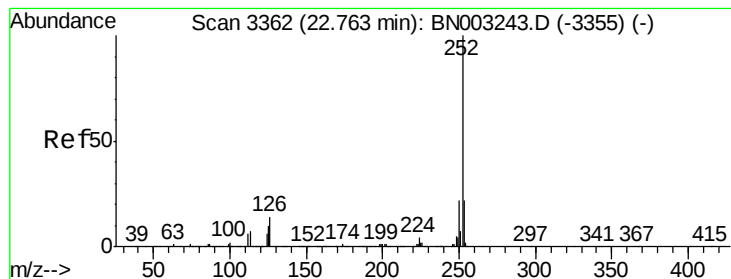
#84
Chrysene
Concen: 4.545 ng/ul
RT: 21.25 min Scan# 3105
Delta R.T. -0.00 min
Lab File: BN003262.D
Acq: 23 Oct 2018 11:40

Tgt Ion:228 Resp: 154809
Ion Ratio Lower Upper
228 100
226 30.5 23.1 34.7
229 20.3 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





#87

Benzo(b)fluoranthene

Concen: 4.045 ng/ul

RT: 22.77 min Scan# 3363

Delta R.T. 0.01 min

Lab File: BN003262.D

Acq: 23 Oct 2018 11:40

Instrument :

BNA_N

ClientSampleId :

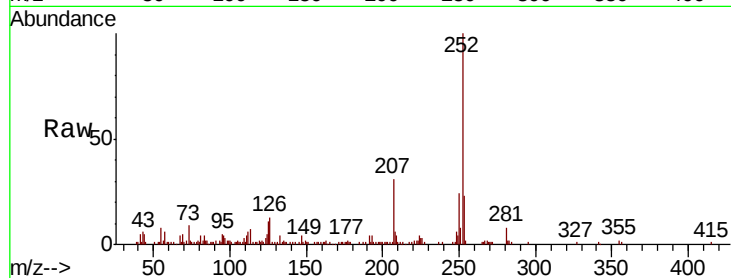
Tot Ion:252 Resp: 140580

Ion Ratio Lower Upper

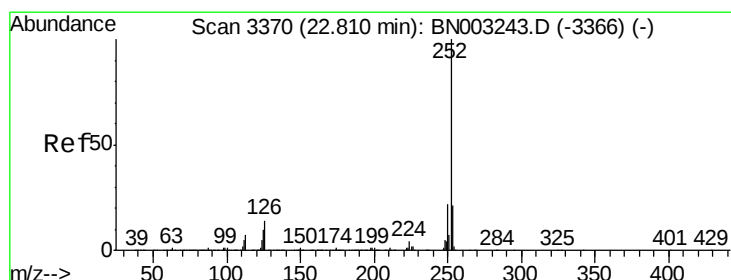
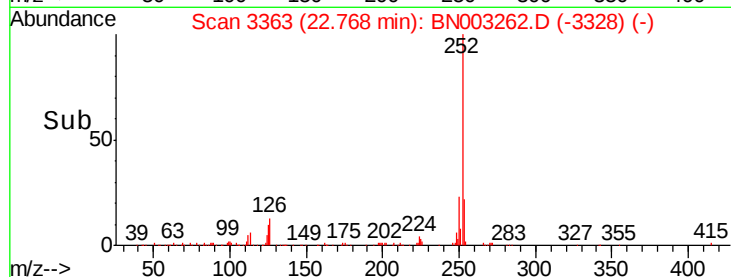
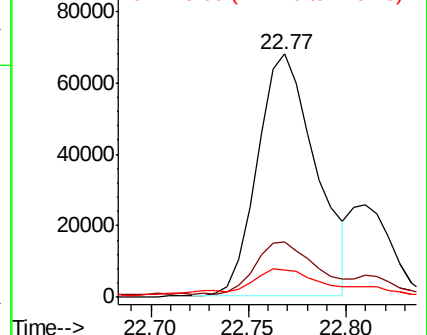
252 100

253 22.7 17.4 26.2

125 11.2 8.7 13.1



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: 1.114 ng/ul

RT: 22.81 min Scan# 3370

Delta R.T. -0.00 min

Lab File: BN003262.D

Acq: 23 Oct 2018 11:40

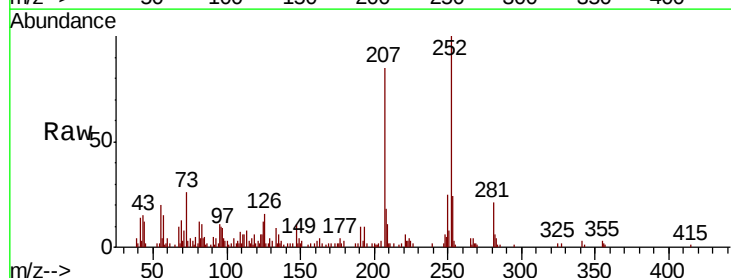
Tgt Ion:252 Resp: 36564

Ion Ratio Lower Upper

252 100

253 23.5 17.8 26.8

125 12.1 8.2 12.4



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

