

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN090518\
 Data File : BN002605.D
 Acq On : 06 Sep 2018 05:58
 Operator : JU/SJ
 Sample : J4688-09 10X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Sep 06 06:58:37 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081318MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Sep 06 06:54:57 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	218091	20.00	ng/ul	0.00
18) Naphthalene-d8	10.43	136	982593	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.29	164	567714	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.05	188	1204401	20.00	ng/ul	0.00
77) Chrysene-d12	21.25	240	856427	20.00	ng/ul	0.00
85) Perylene-d12	23.46	264	728322	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.24	96	1375	0.30	ng/uL	0.00
5) Phenol-d5	6.86	99	30824	1.54	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.01	67	22196	1.77	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	25644	1.68	ng/ul	0.00
13) 4-Methylphenol-d8	8.38	113	25101	1.57	ng/ul	0.01
19) Nitrobenzene-d5	8.82	128	12363	1.58	ng/ul	0.00
22) 2-Nitrophenol-d4	9.53	143	12549	1.53	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.08	165	22274	1.47	ng/ul	0.02
29) 4-Chloroaniline-d4	10.59	131	22207	1.36	ng/ul	0.01
43) Dimethylphthalate-d6	13.71	166	91976	1.95	ng/ul	0.00
46) Acenaphthylene-d8	13.99	160	111855	1.94	ng/ul	0.00
51) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
57) Fluorene-d10	15.29	176	84142	2.06	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
70) Anthracene-d10	17.14	188	119477	2.08	ng/ul	0.00
78) Pyrene-d10	19.44	212	115457	2.82	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.32	264	83356	2.19	ng/ul	0.00

Target Compounds

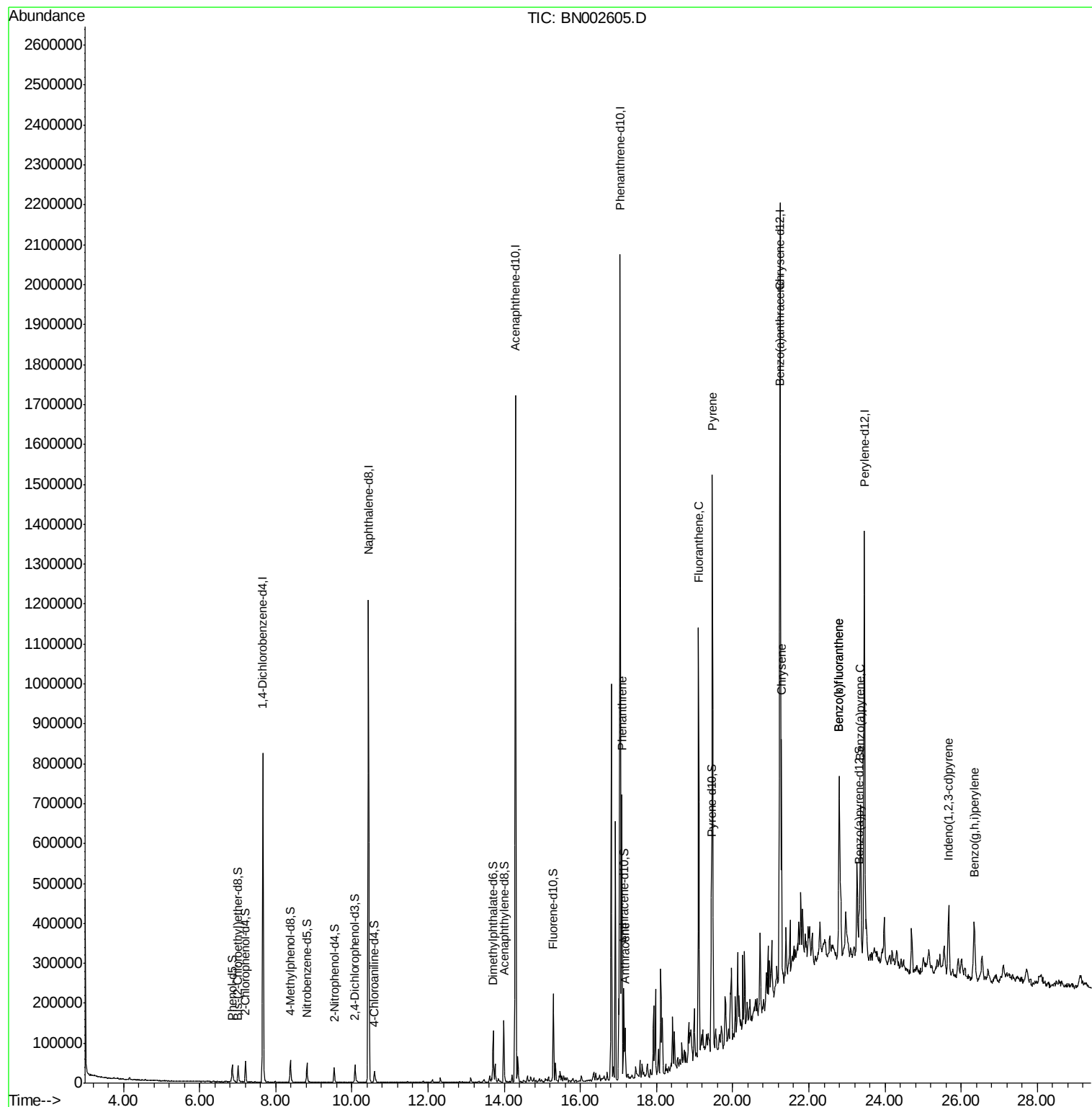
					Ovalue	
69) Phenanthrene	17.09	178	399598	6.018	ng/ul	99
71) Anthracene	17.17	178	75027	1.114	ng/ul	99
76) Fluoranthene	19.10	202	611219	8.088	ng/ul	99
79) Pyrene	19.47	202	897844	17.386	ng/ul	99
82) Benzo(a)anthracene	21.23	228	270667	5.159	ng/ul	99
84) Chrysene	21.28	228	322065	6.486	ng/ul	99
87) Benzo(b)fluoranthene	22.80	252	302400	6.927	ng/ul	98
88) Benzo(k)fluoranthene	22.80	252	302400	7.352	ng/ul	97
90) Benzo(a)pyrene	23.36	252	245911	5.913	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.66	276	157166	3.177	ng/ul#	93
93) Benzo(g,h,i)perylene	26.34	276	156903	3.801	ng/ul	95

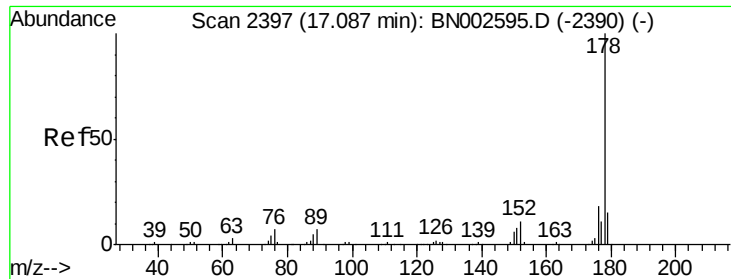
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 06 06:54:57 2018
Response via : Initial Calibration





#69

Phenanthrene

Concen: 6.018 ng/ul

RT: 17.09 min Scan# 2397

Delta R.T. -0.00 min

Lab File: BN002605.D

Acq: 06 Sep 2018 05:58

Instrument :

BNA_N

ClientSampleId :

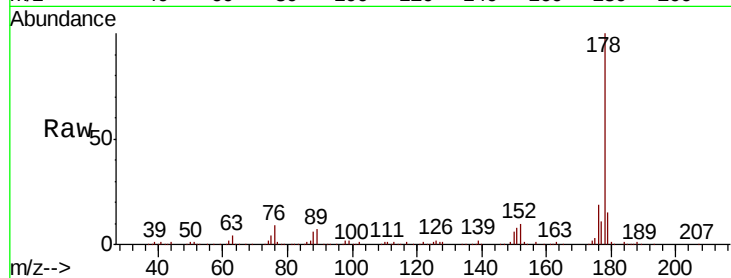
Tot Ion:178 Resp: 399598

Ion Ratio Lower Upper

178 100

179 14.9 12.2 18.4

176 19.1 15.6 23.4

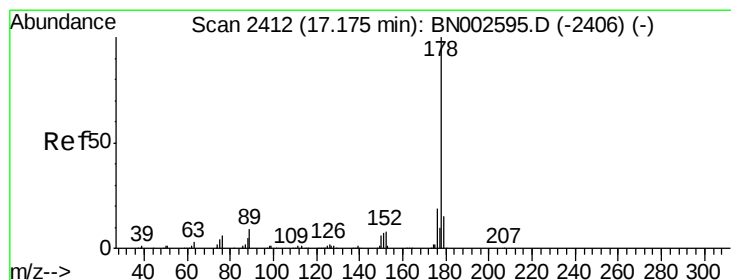
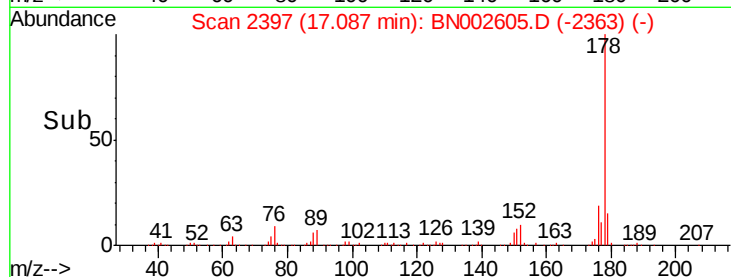
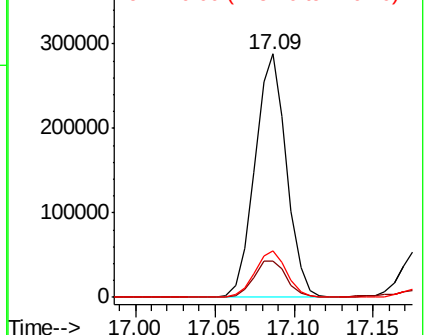


Abundance

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



#71

Anthracene

Concen: 1.114 ng/ul

RT: 17.17 min Scan# 2412

Delta R.T. -0.00 min

Lab File: BN002605.D

Acq: 06 Sep 2018 05:58

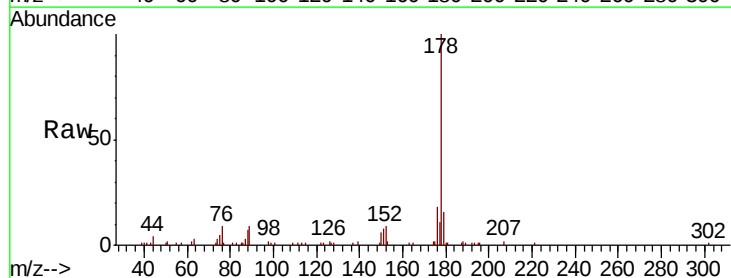
Tgt Ion:178 Resp: 75027

Ion Ratio Lower Upper

178 100

179 15.7 12.1 18.1

176 17.9 14.8 22.2

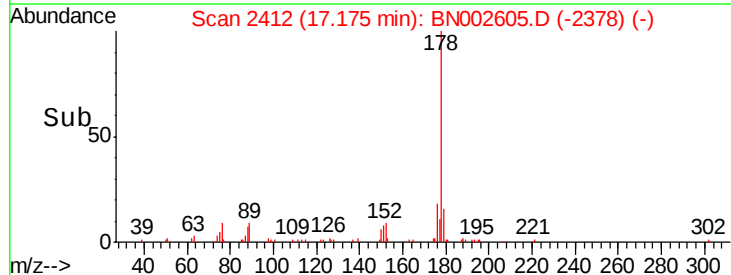
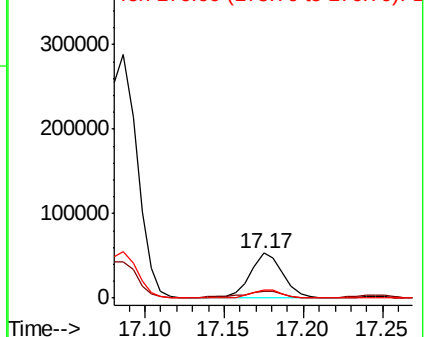


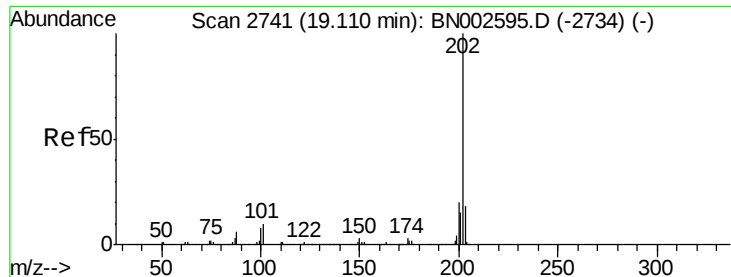
Abundance

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

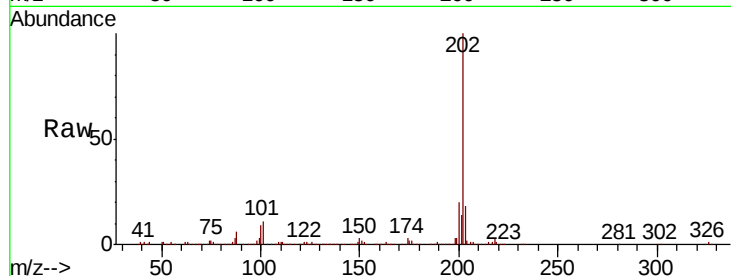




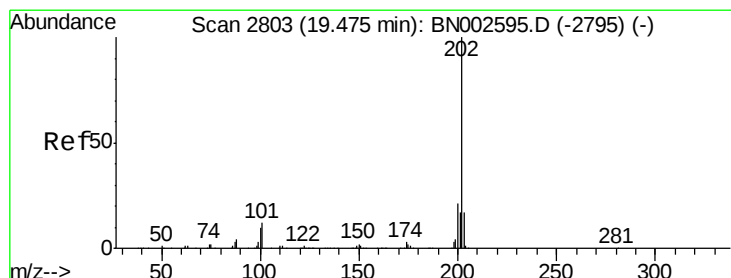
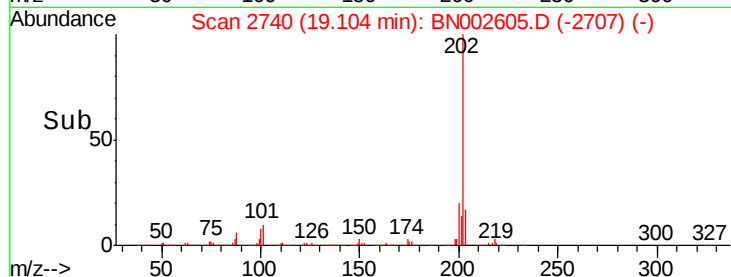
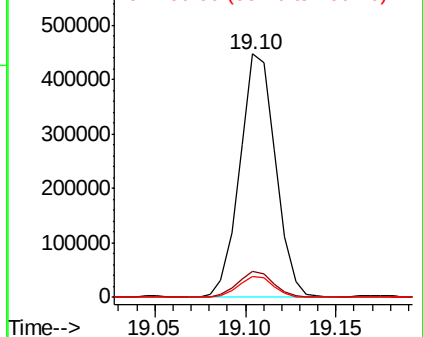
#76
 Fluoranthene
 Concen: 8.088 ng/ul
 RT: 19.10 min Scan# 2740
 Delta R.T. -0.01 min
 Lab File: BN002605.D
 Acq: 06 Sep 2018 05:58

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
202	100		
101	10.7	8.8	13.2
100	8.5	6.6	9.8

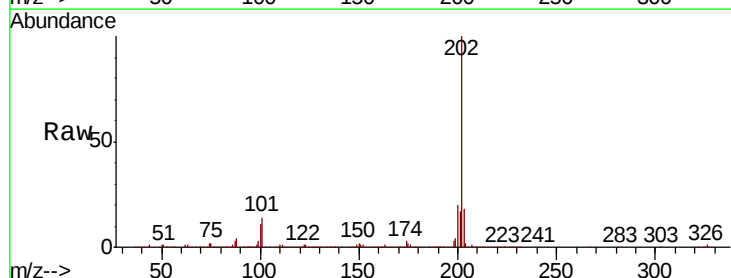


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 100.00 (99.70 to 100.70): B

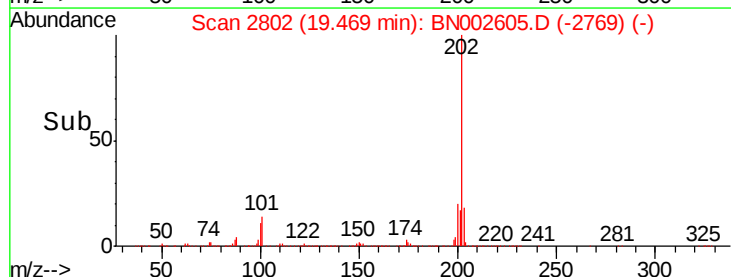
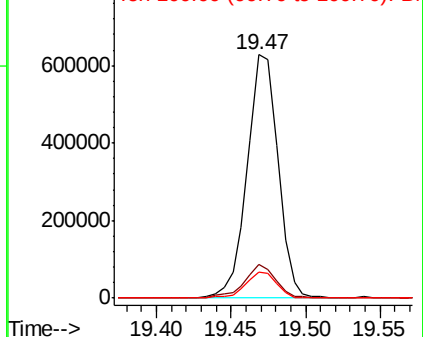


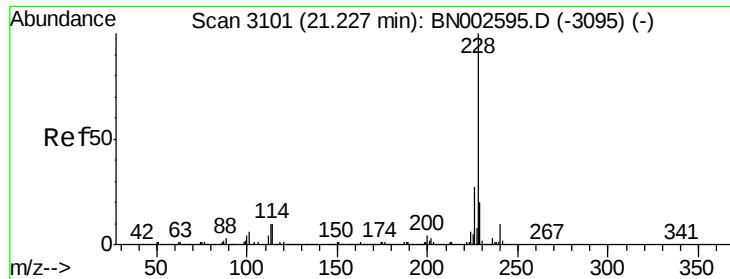
#79
 Pyrene
 Concen: 17.386 ng/ul
 RT: 19.47 min Scan# 2802
 Delta R.T. -0.01 min
 Lab File: BN002605.D
 Acq: 06 Sep 2018 05:58

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.7	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

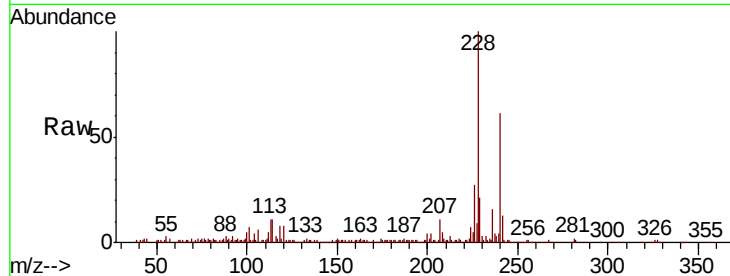




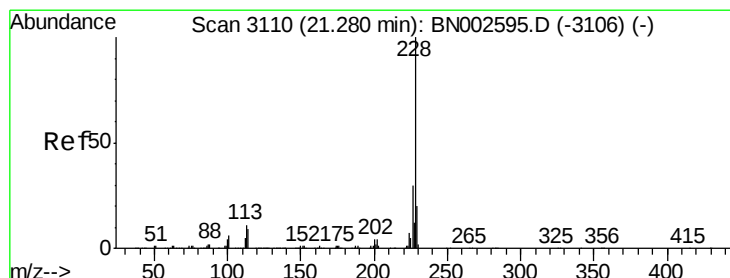
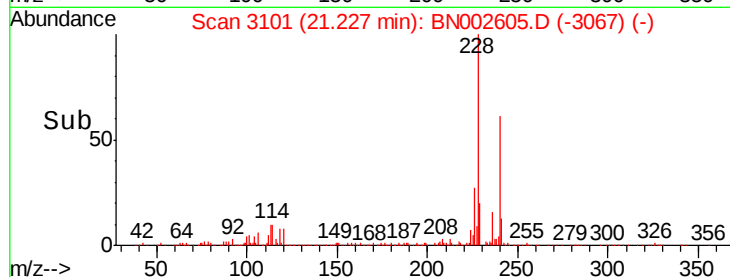
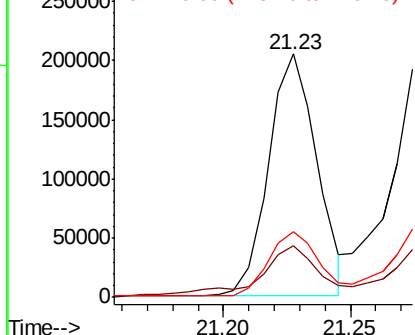
#82
Benzo(a)anthracene
Concen: 5.159 ng/ul
RT: 21.23 min Scan# 3101
Delta R.T. -0.00 min
Lab File: BN002605.D
Acq: 06 Sep 2018 05:58

Instrument :
BNA_N
ClientSampleId :

Tot Ion:228 Resp: 270667
Ion Ratio Lower Upper
228 100
229 21.1 15.7 23.5
226 27.2 21.8 32.6

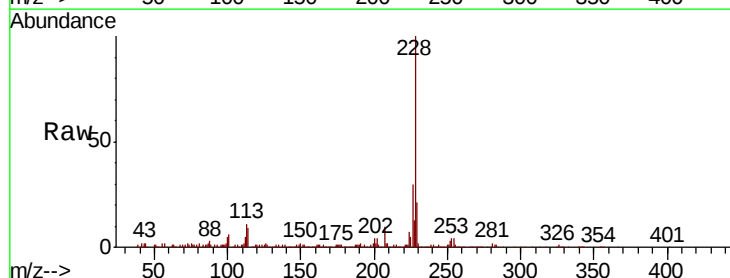


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 229.00 (228.70 to 229.70): E
Ion 226.00 (225.70 to 226.70): E

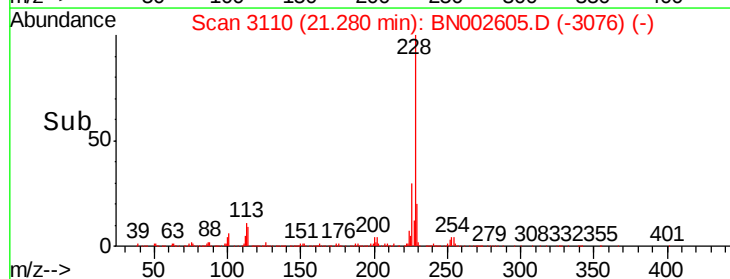
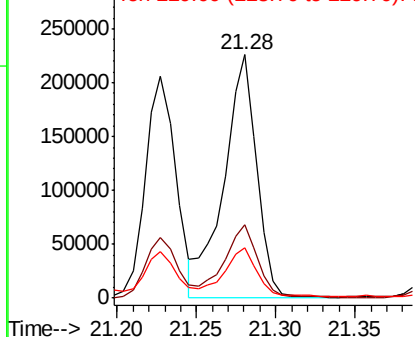


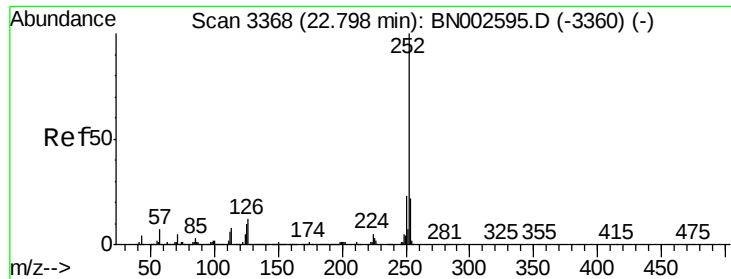
#84
Chrysene
Concen: 6.486 ng/ul
RT: 21.28 min Scan# 3110
Delta R.T. -0.00 min
Lab File: BN002605.D
Acq: 06 Sep 2018 05:58

Tgt Ion:228 Resp: 322065
Ion Ratio Lower Upper
228 100
226 30.1 24.0 36.0
229 20.6 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: 6.927 ng/ul

RT: 22.80 min Scan# 3368

Delta R.T. -0.00 min

Lab File: BN002605.D

Acq: 06 Sep 2018 05:58

Instrument :

BNA_N

ClientSampleId :

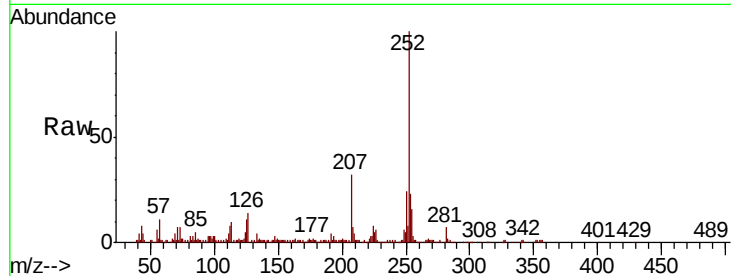
Tot Ion:252 Resp: 302400

Ion Ratio Lower Upper

252 100

253 23.3 17.5 26.3

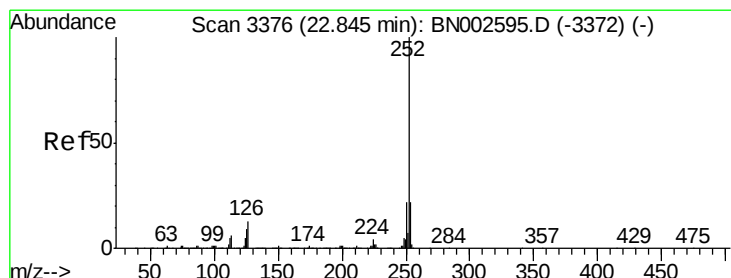
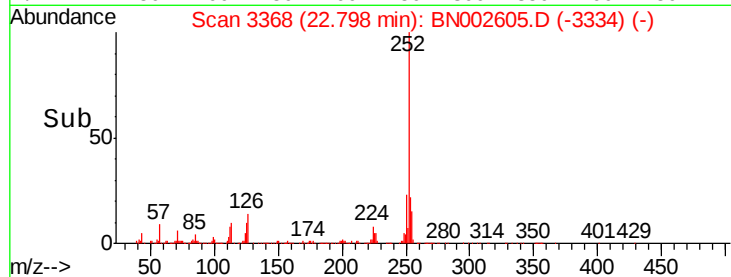
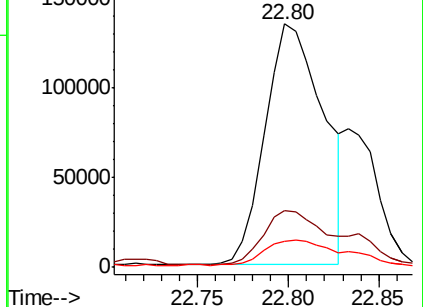
125 10.9 8.5 12.7



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: 7.352 ng/ul

RT: 22.80 min Scan# 3368

Delta R.T. -0.05 min

Lab File: BN002605.D

Acq: 06 Sep 2018 05:58

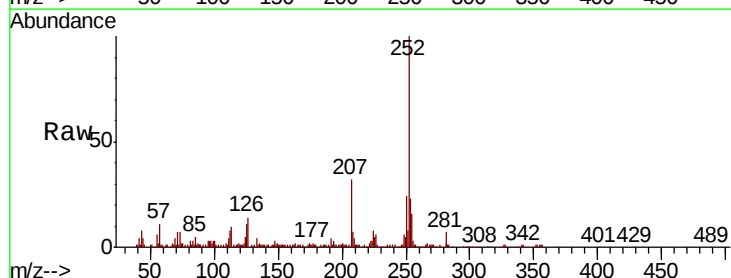
Tgt Ion:252 Resp: 302400

Ion Ratio Lower Upper

252 100

253 23.3 17.3 25.9

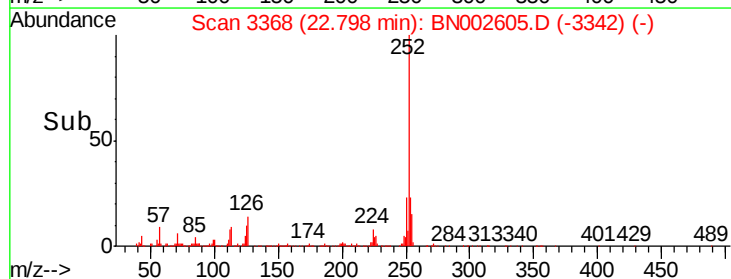
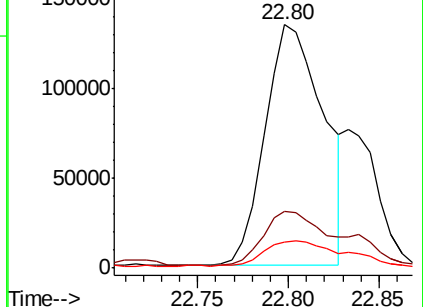
125 10.9 8.2 12.2

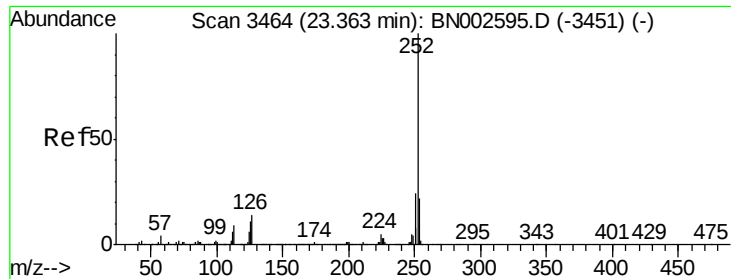


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Benzo(a)pyrene

Concen: 5.913 ng/ul

RT: 23.36 min Scan# 3464

Delta R.T. -0.00 min

Lab File: BN002605.D

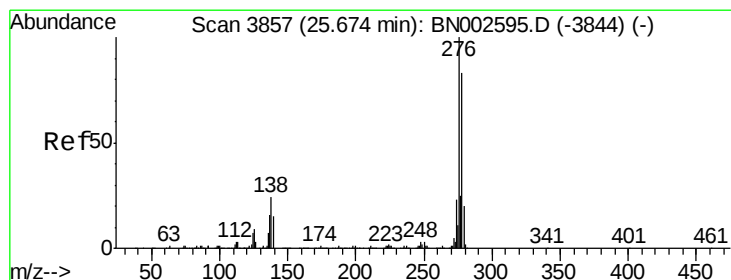
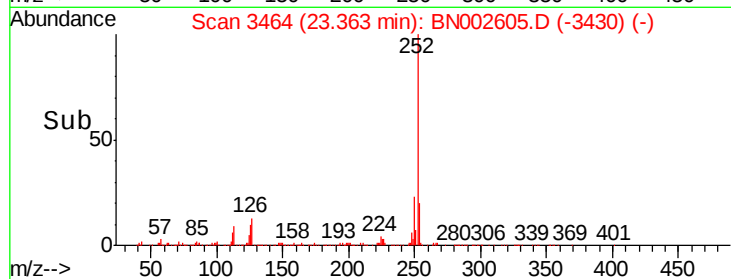
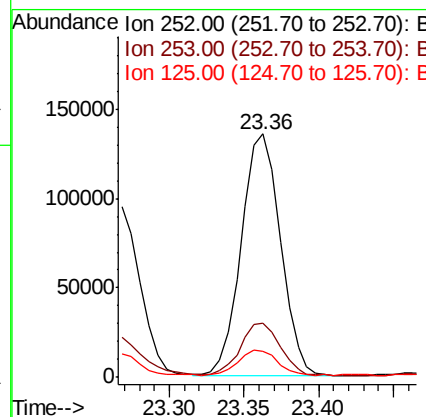
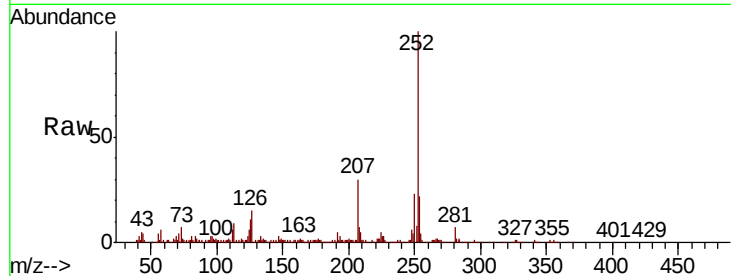
Acq: 06 Sep 2018 05:58

Instrument :

BNA_N

ClientSampleId :

Tot Ion:	252	Resp:	245911
Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.2	25.8
125	10.8	9.0	13.6



#91

Indeno(1,2,3-cd)pyrene

Concen: 3.177 ng/ul

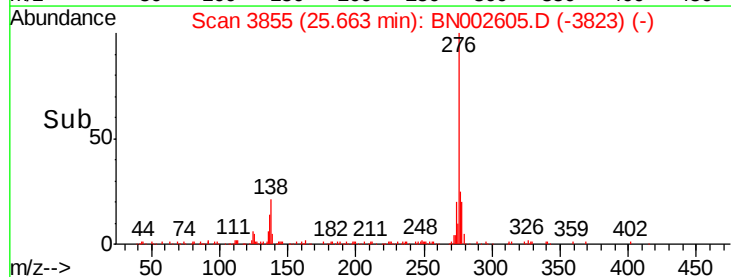
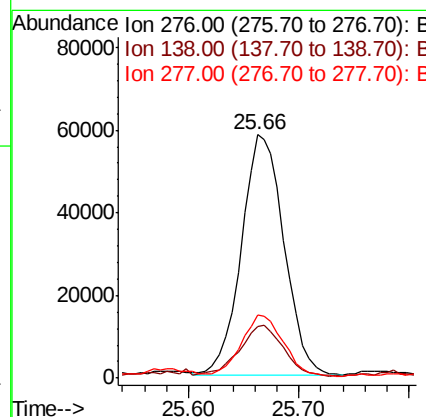
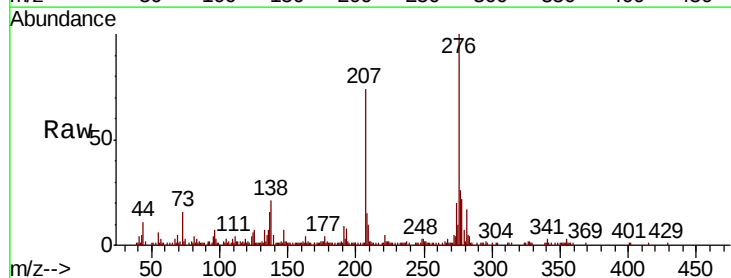
RT: 25.66 min Scan# 3855

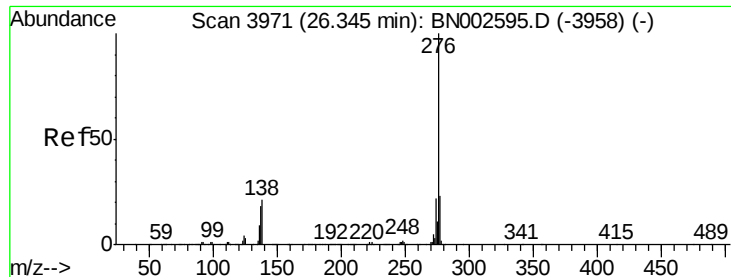
Delta R.T. -0.01 min

Lab File: BN002605.D

Acq: 06 Sep 2018 05:58

Tgt Ion:	276	Resp:	157166
Ion	Ratio	Lower	Upper
276	100		
138	21.3	22.3	33.5#
277	26.1	20.2	30.2





#93

Benzo(a,h,i)perylene

Concen: 3.801 ng/ul

RT: 26.34 min Scan# 3971

Delta R.T. -0.00 min

Lab File: BN002605.D

Acq: 06 Sep 2018 05:58

Instrument :

BNA_N

ClientSampleId :

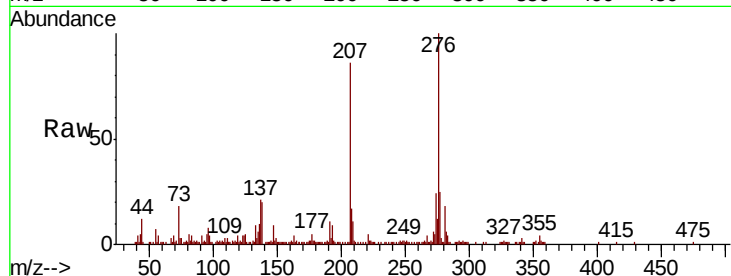
Tot Ion: 276 Resp: 156903

Ion Ratio Lower Upper

276 100

138 19.6 18.9 28.3

277 24.8 19.2 28.8



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

