

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN100518\
 Data File : BN002954.D
 Acq On : 05 Oct 2018 04:32
 Operator : MJ/SJ
 Sample : J5115-20DL 10X
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Oct 05 05:52:00 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Oct 05 05:51:15 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	141809	20.00	ng/ul	0.00
18) Naphthalene-d8	10.39	136	651050	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.26	164	394759	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.02	188	889755	20.00	ng/ul	0.00
77) Chrysene-d12	21.22	240	777664	20.00	ng/ul	0.00
85) Perylene-d12	23.43	264	623473	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.20	96	959	0.31	ng/uL	0.00
5) Phenol-d5	6.83	99	22564	1.87	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	6.98	67	13615	1.82	ng/ul	0.00
9) 2-Chlorophenol-d4	7.18	132	18935	1.91	ng/ul	0.01
13) 4-Methylphenol-d8	8.36	113	14481	1.55	ng/ul	0.02
19) Nitrobenzene-d5	8.79	128	9450	1.87	ng/ul	0.02
22) 2-Nitrophenol-d4	9.50	143	10153	1.78	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.07	165	16470	1.60	ng/ul	0.04
29) 4-Chloroaniline-d4	10.57	131	17701	1.48	ng/ul	0.03
43) Dimethylphthalate-d6	13.68	166	70298	2.28	ng/ul	0.00
46) Acenaphthylene-d8	13.96	160	86101	2.13	ng/ul	0.00
51) 4-Nitrophenol-d4	14.58	143	3419	0.67	ng/ul	0.07
57) Fluorene-d10	15.26	176	68370	2.53	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.43	200	1321	0.24	ng/ul	0.02
70) Anthracene-d10	17.12	188	101304	2.38	ng/ul	0.00
78) Pyrene-d10	19.42	212	109370	2.67	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.29	264	80926	2.47	ng/ul	0.00

Target Compounds

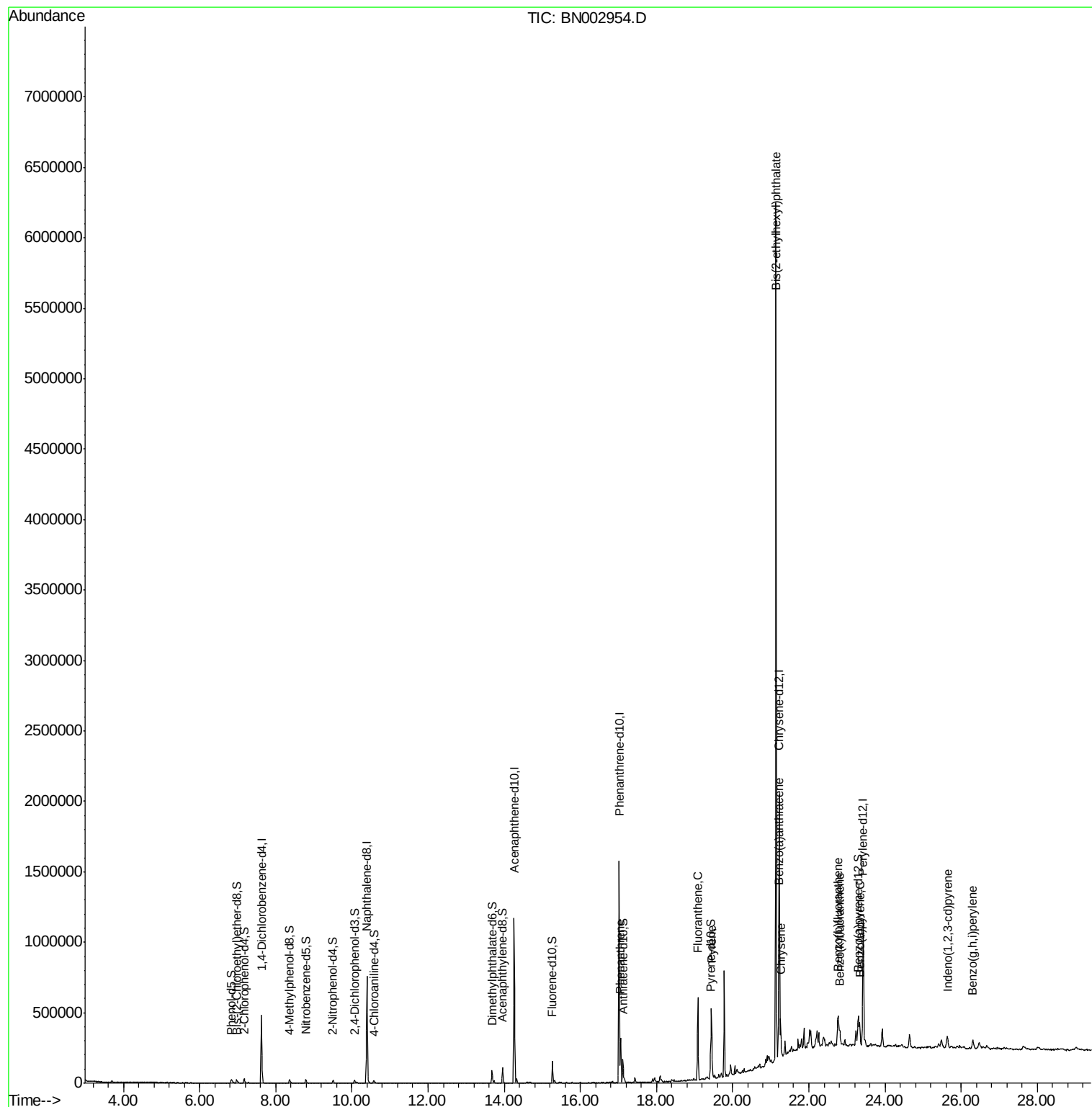
					Ovalue
69) Phenanthrene	17.06	178	188909	3.853	ng/ul 98
76) Fluoranthene	19.09	202	353579	6.761	ng/ul 98
79) Pyrene	19.45	202	314672	6.120	ng/ul 99
82) Benzo(a)anthracene	21.20	228	138746	2.868	ng/ul 97
83) Bis(2-ethylhexyl)phthalate	21.14	149	2124489	68.395	ng/ul 99
84) Chrysene	21.26	228	151045	3.331	ng/ul 97
87) Benzo(b)fluoranthene	22.77	252	169047	4.440	ng/ul 96
88) Benzo(k)fluoranthene	22.82	252	49442	1.392	ng/ul 98
90) Benzo(a)pyrene	23.33	252	111026	3.084	ng/ul 97
91) Indeno(1,2,3-cd)pyrene	25.63	276	72639	1.704	ng/ul 94
93) Benzo(g,h,i)perylene	26.30	276	73272	2.057	ng/ul 93

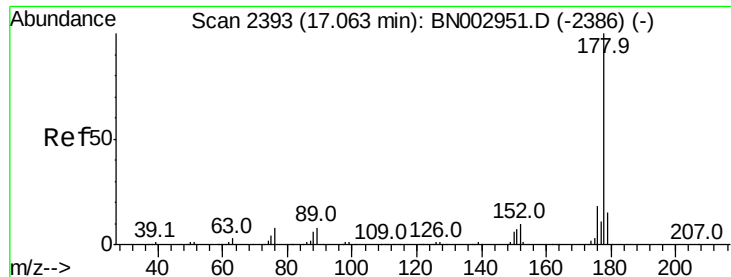
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 05 05:51:15 2018
Response via : Initial Calibration





#69

Phenanthrene

Concen: 3.853 ng/ul

RT: 17.06 min Scan# 2392

Delta R.T. -0.01 min

Lab File: BN002954.D

Acq: 05 Oct 2018 04:32

Instrument :

BNA_N

ClientSampleId :

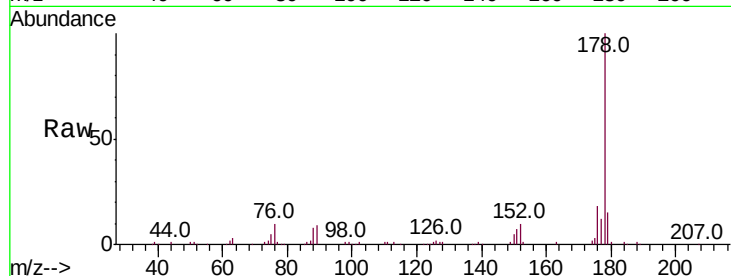
Tot Ion:178 Resp: 188909

Ion Ratio Lower Upper

178 100

179 14.9 12.2 18.4

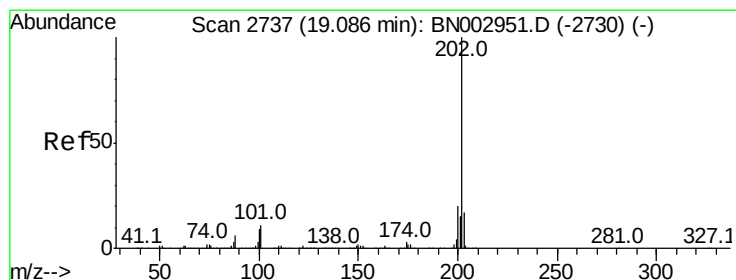
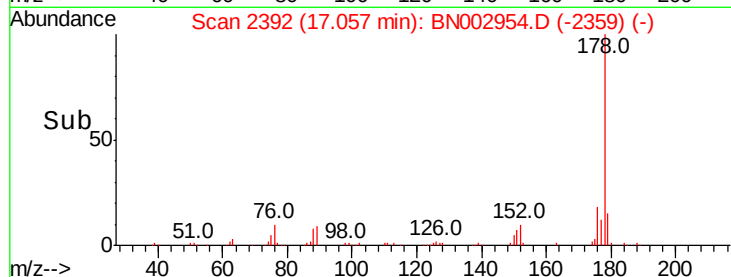
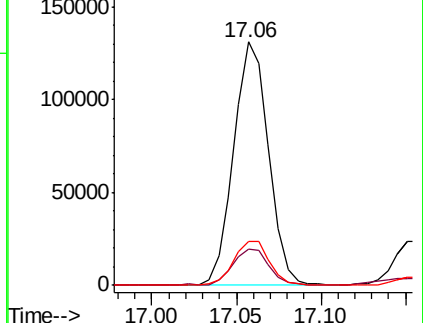
176 17.9 15.0 22.6



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: 6.761 ng/ul

RT: 19.09 min Scan# 2737

Delta R.T. 0.00 min

Lab File: BN002954.D

Acq: 05 Oct 2018 04:32

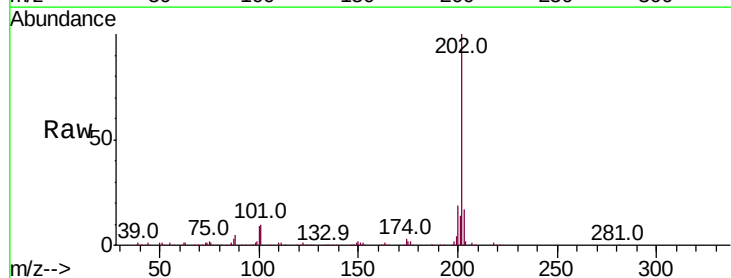
Tgt Ion:202 Resp: 353579

Ion Ratio Lower Upper

202 100

101 10.3 9.4 14.2

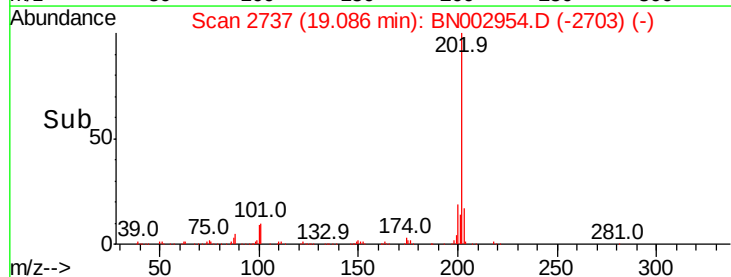
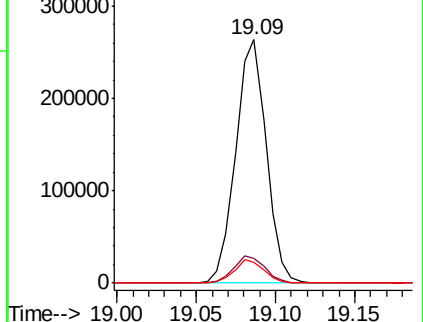
100 8.6 7.0 10.6

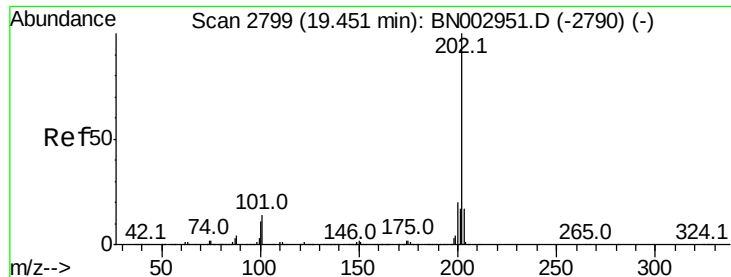


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#79

Pvrene

Concen: 6.120 ng/ul

RT: 19.45 min Scan# 2799

Delta R.T. 0.00 min

Lab File: BN002954.D

Acq: 05 Oct 2018 04:32

Instrument :

BNA_N

ClientSampled :

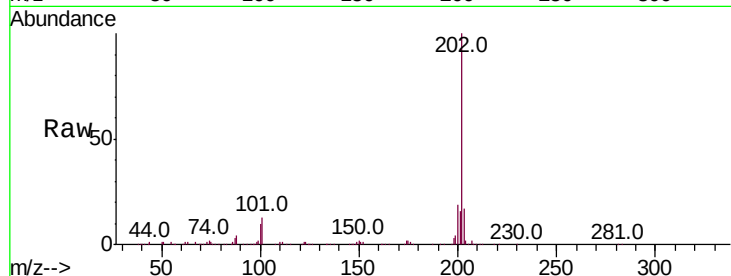
Tot Ion:202 Resp: 314672

Ion Ratio Lower Upper

202 100

101 13.1 10.8 16.2

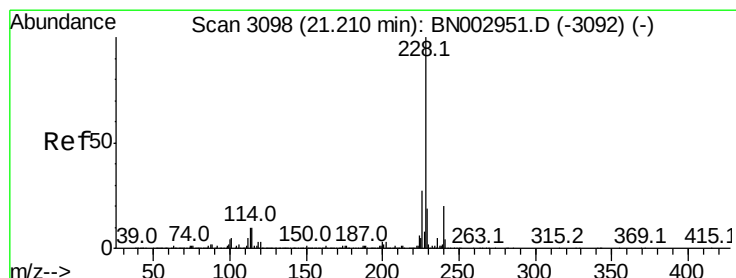
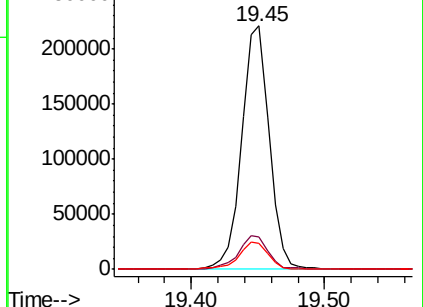
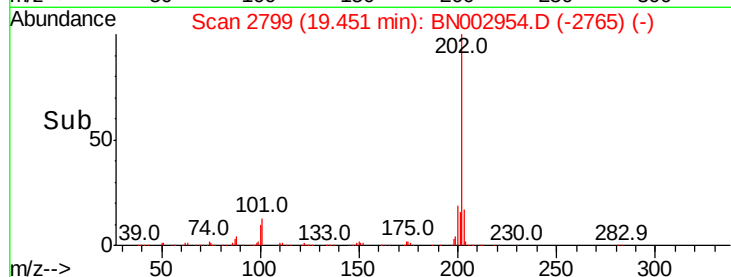
100 10.5 8.2 12.2



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: 2.868 ng/ul

RT: 21.20 min Scan# 3097

Delta R.T. -0.01 min

Lab File: BN002954.D

Acq: 05 Oct 2018 04:32

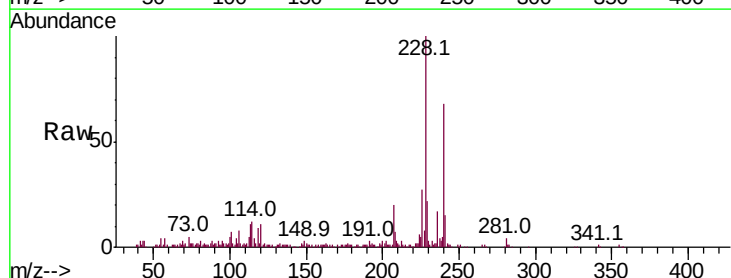
Tgt Ion:228 Resp: 138746

Ion Ratio Lower Upper

228 100

229 21.7 15.8 23.6

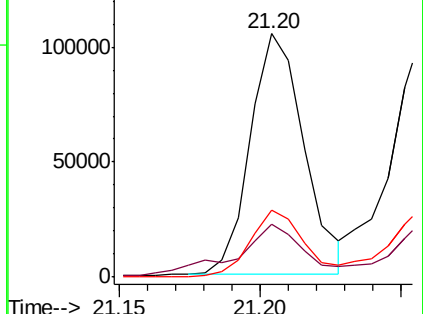
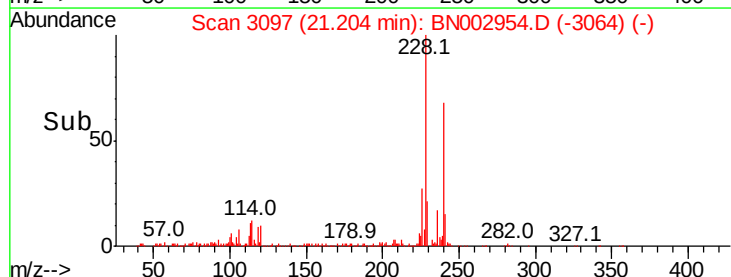
226 27.4 20.9 31.3

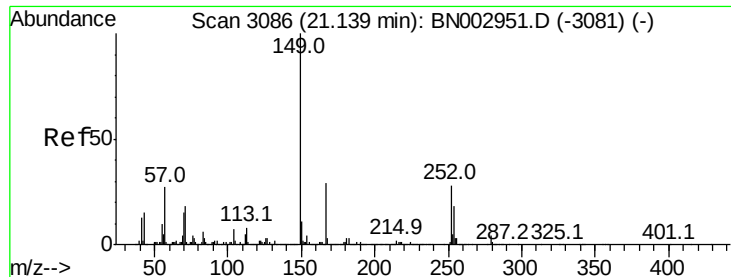


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E



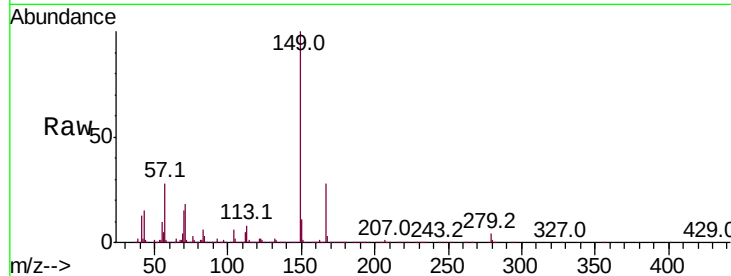


#83
 Bis(2-ethylhexyl)phthalate
 Concen: 68.395 ng/ul
 RT: 21.14 min Scan# 3086
 Delta R.T. 0.00 min
 Lab File: BN002954.D
 Acq: 05 Oct 2018 04:32

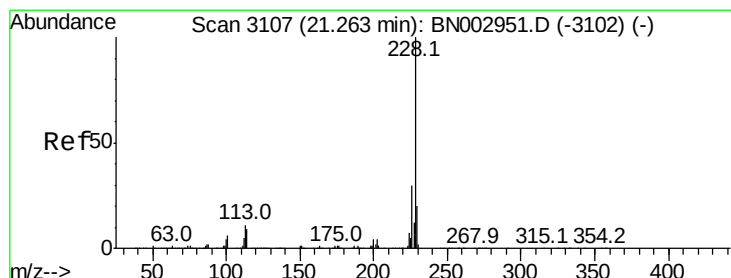
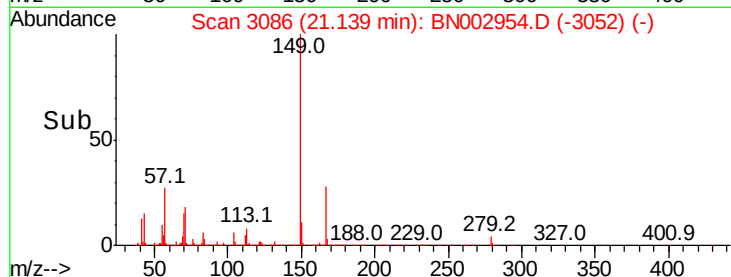
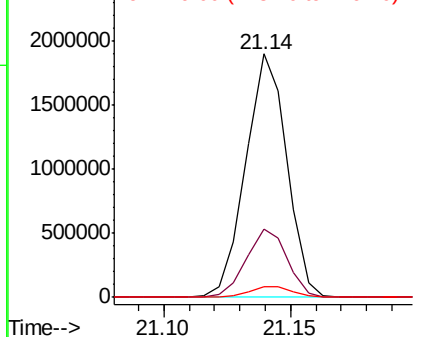
Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:149 Resp: 2124489

Ion	Ratio	Lower	Upper
149	100		
167	28.0	22.0	33.0
279	4.4	3.3	4.9



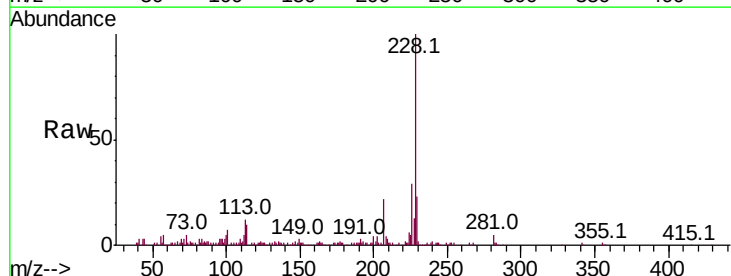
Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E



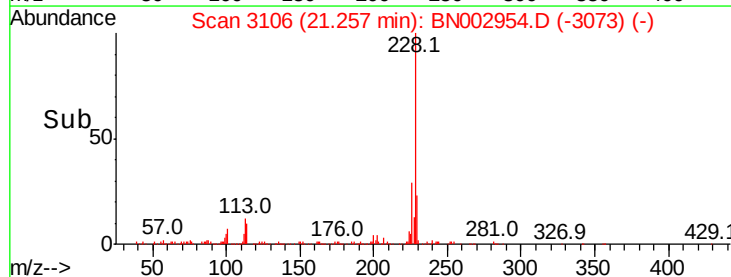
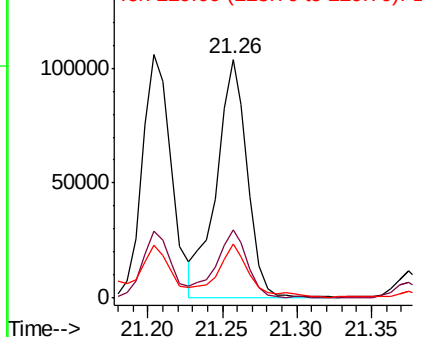
#84
 Chrysene
 Concen: 3.331 ng/ul
 RT: 21.26 min Scan# 3106
 Delta R.T. -0.01 min
 Lab File: BN002954.D
 Acq: 05 Oct 2018 04:32

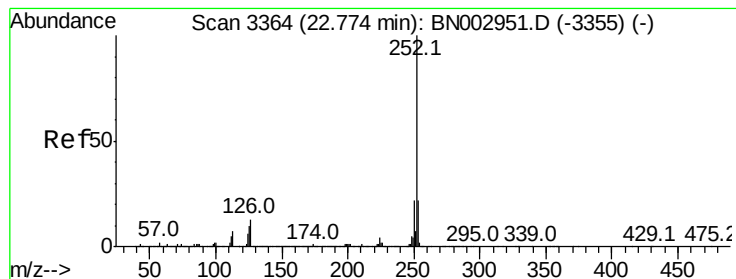
Tgt Ion:228 Resp: 151045

Ion	Ratio	Lower	Upper
228	100		
226	28.7	23.4	35.0
229	22.6	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: 4.440 ng/ul

RT: 22.77 min Scan# 3364

Delta R.T. 0.00 min

Lab File: BN002954.D

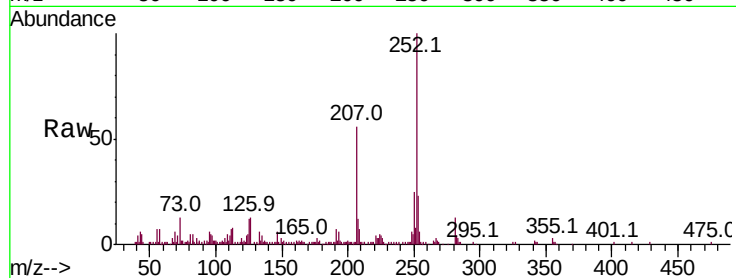
Acq: 05 Oct 2018 04:32

Instrument :

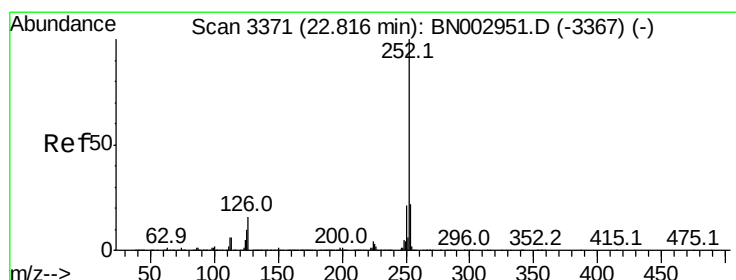
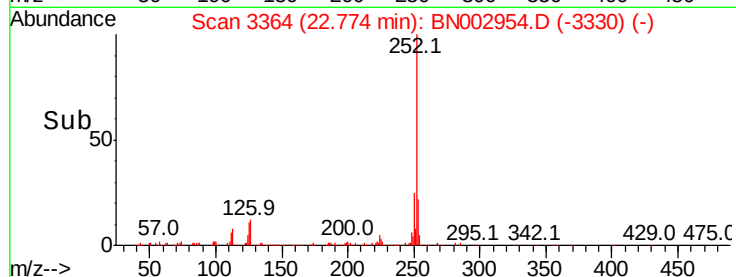
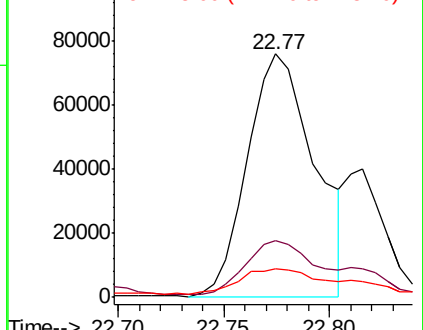
BNA_N

ClientSampleId :

Tot Ion:252	Resp:	169047
Ion Ratio	Lower	Upper
252	100	
253	23.0	17.0 25.4
125	11.9	8.0 12.0



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: 1.392 ng/ul

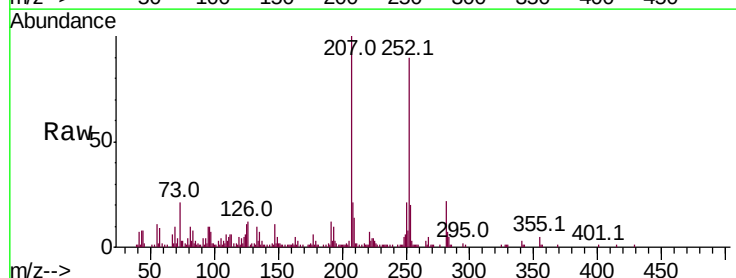
RT: 22.82 min Scan# 3371

Delta R.T. 0.00 min

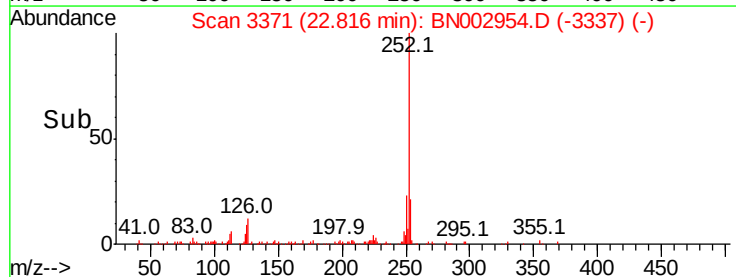
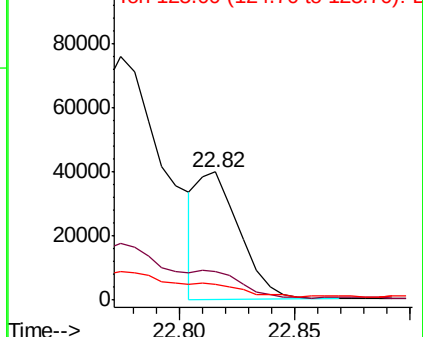
Lab File: BN002954.D

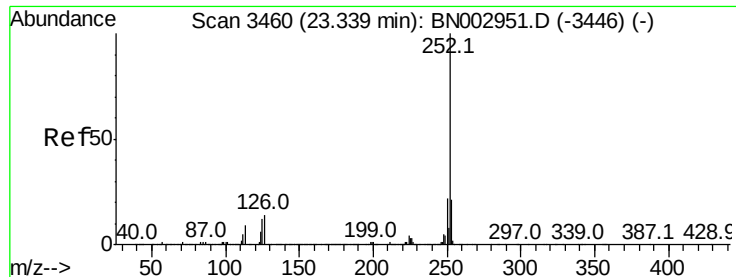
Acq: 05 Oct 2018 04:32

Tgt Ion:252	Resp:	49442
Ion Ratio	Lower	Upper
252	100	
253	22.3	17.8 26.8
125	12.2	8.3 12.5



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: 3.084 ng/ul

RT: 23.33 min Scan# 3459

Delta R.T. -0.01 min

Lab File: BN002954.D

Acq: 05 Oct 2018 04:32

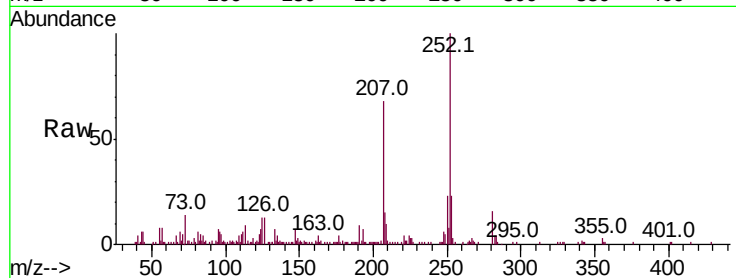
Instrument :

BNA_N

ClientSampled :

Tot Ion:252 Resp: 111026

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.6	26.4
125	12.7	8.8	13.2

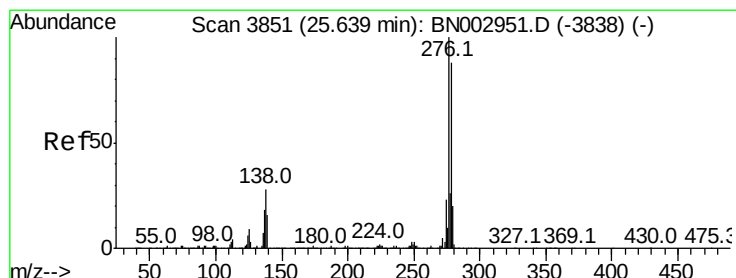
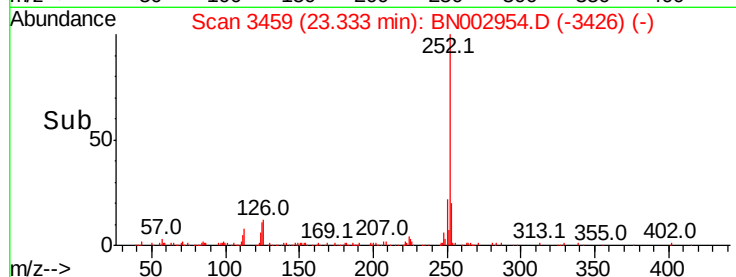
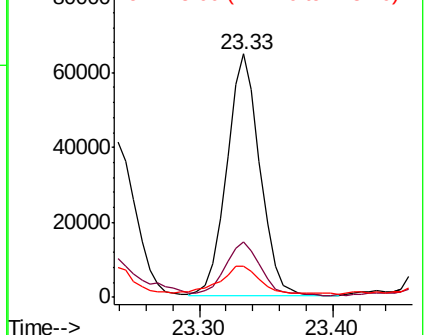


Abundance

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



#91

Indeno(1,2,3-cd)pyrene

Concen: 1.704 ng/ul

RT: 25.63 min Scan# 3850

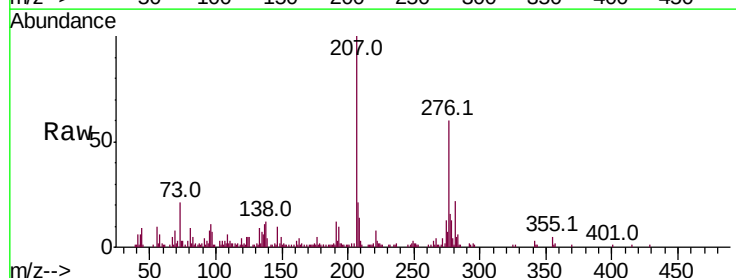
Delta R.T. -0.01 min

Lab File: BN002954.D

Acq: 05 Oct 2018 04:32

Tgt Ion:276 Resp: 72639

Ion	Ratio	Lower	Upper
276	100		
138	20.4	20.2	30.4
277	25.9	20.0	30.0

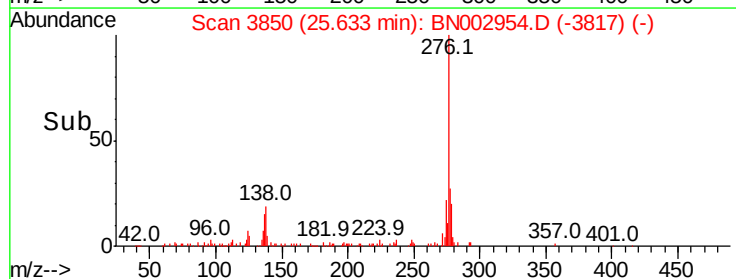
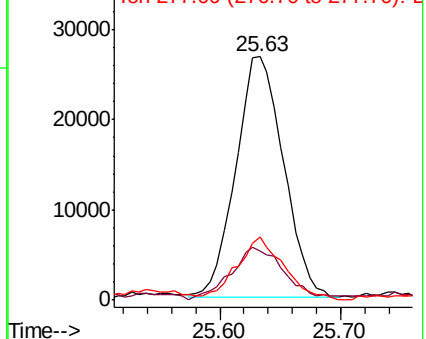


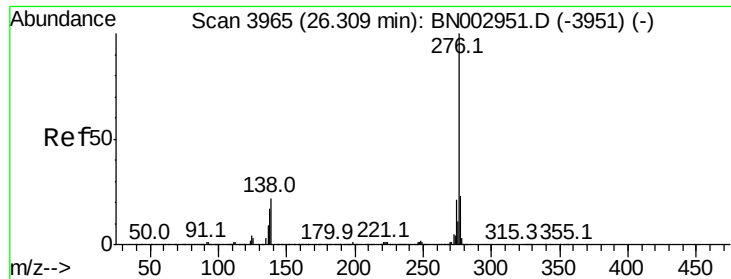
Abundance

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





#93

Benzo(a,h,i)perylene

Concen: 2.057 ng/ul

RT: 26.30 min Scan# 3963

Delta R.T. -0.01 min

Lab File: BN002954.D

Acq: 05 Oct 2018 04:32

Instrument :

BNA_N

ClientSampleId :

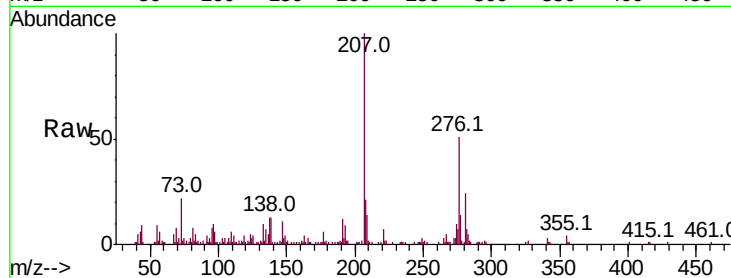
Tot Ion:276 Resp: 73272

Ion Ratio Lower Upper

276 100

138 25.0 18.2 27.2

277 27.8 18.6 28.0



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

