

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN090518\
 Data File : BN002597.D
 Acq On : 06 Sep 2018 01:17
 Operator : JU/SJ
 Sample : J4688-16
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Sep 06 06:57:03 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	134813	20.00	ng/ul	0.00
18) Naphthalene-d8	10.43	136	649727	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.29	164	408181	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.05	188	983993	20.00	ng/ul	0.00
77) Chrysene-d12	21.24	240	1057865	20.00	ng/ul	0.00
85) Perylene-d12	23.46	264	1056387	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.23	96	8369	2.93	ng/uL	0.00
5) Phenol-d5	6.85	99	211173	17.08	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	138677	17.86	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	173485	18.43	ng/ul	0.00
13) 4-Methylphenol-d8	8.37	113	168456	17.05	ng/ul	0.00
19) Nitrobenzene-d5	8.81	128	88277	17.07	ng/ul	0.00
22) 2-Nitrophenol-d4	9.53	143	103326	19.00	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.06	165	187336	18.74	ng/ul	0.00
29) 4-Chloroaniline-d4	10.58	131	232486	21.52	ng/ul	0.00
43) Dimethylphthalate-d6	13.71	166	654412	19.34	ng/ul	0.00
46) Acenaphthylene-d8	13.99	160	812839	19.58	ng/ul	0.00
51) 4-Nitrophenol-d4	14.52	143	88129	13.78	ng/ul	0.00
57) Fluorene-d10	15.29	176	596240	20.32	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.43	200	97123	15.50	ng/ul	0.00
70) Anthracene-d10	17.14	188	932515	19.84	ng/ul	0.00
78) Pyrene-d10	19.44	212	1070700	21.15	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.32	264	1144689	20.72	ng/ul	0.00

Target Compounds

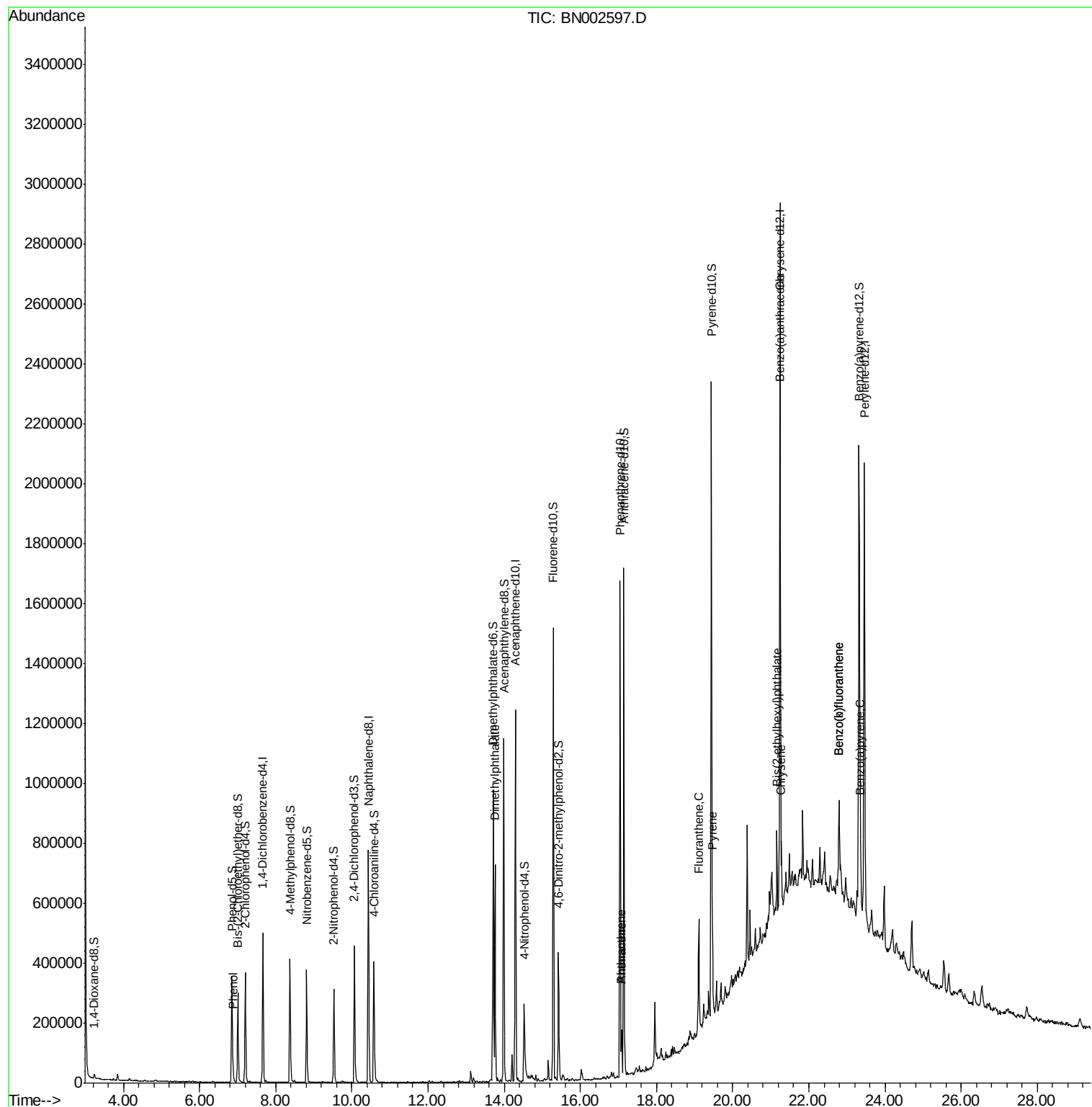
				Ovalue	
6) Phenol	6.88	94	15238	1.210	ng/ul# 78
44) Dimethylphthalate	13.76	163	458923	13.829	ng/ul 100
69) Phenanthrene	17.08	178	92432	1.704	ng/ul 98
71) Anthracene	17.08	178	92432	1.680	ng/ul 98
76) Fluoranthene	19.10	202	211254	3.422	ng/ul 99
79) Pyrene	19.47	202	188790	2.960	ng/ul 98
82) Benzo(a)anthracene	21.23	228	103971	1.604	ng/ul 97
83) Bis(2-ethylhexyl)phthalate	21.16	149	86959	2.145	ng/ul# 96
84) Chrysene	21.27	228	117275	1.912	ng/ul 95
87) Benzo(b)fluoranthene	22.80	252	158394	2.501	ng/ul# 90
88) Benzo(k)fluoranthene	22.80	252	158394	2.655	ng/ul# 90
90) Benzo(a)pyrene	23.36	252	91532	1.517	ng/ul# 92

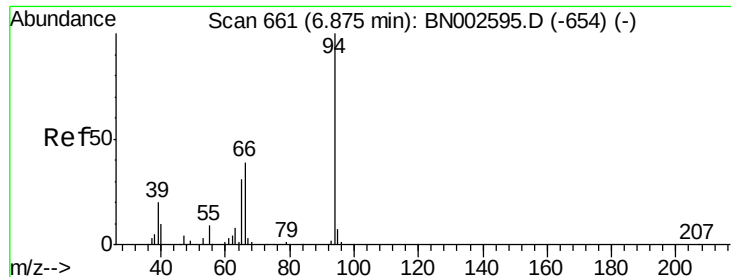
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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





#6

Phenol

Concen: 1.210 ng/ul

RT: 6.88 min Scan# 661

Delta R.T. 0.00 min

Lab File: BN002597.D

Acq: 06 Sep 2018 01:17

Instrument :

BNA_N

ClientSampleId :

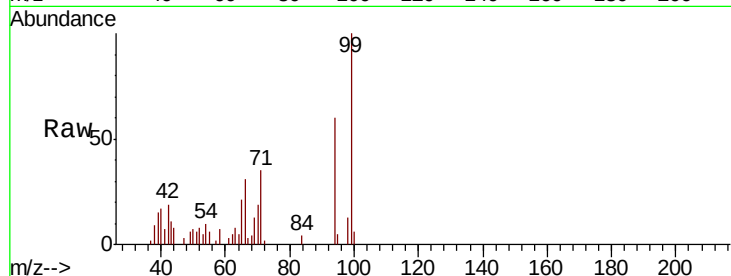
Tot Ion: 94 Resp: 15238

Ion Ratio Lower Upper

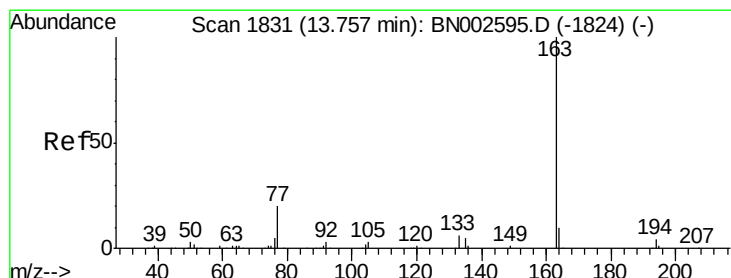
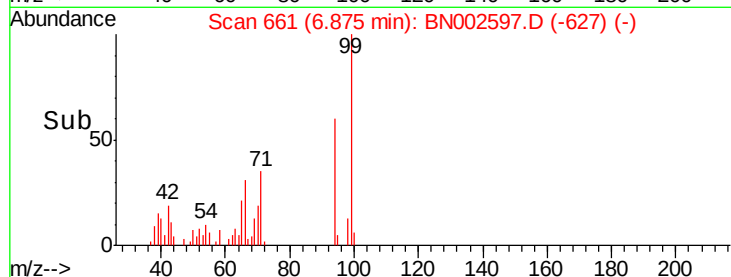
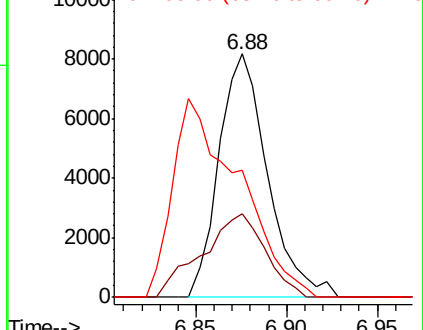
94 100

65 34.5 21.0 31.6#

66 52.1 29.3 43.9#



Abundance Ion 94.00 (93.70 to 94.70): BN0
Ion 65.00 (64.70 to 65.70): BN0
Ion 66.00 (65.70 to 66.70): BN0



#44

Dimethylphthalate

Concen: 13.829 ng/ul

RT: 13.76 min Scan# 1831

Delta R.T. 0.00 min

Lab File: BN002597.D

Acq: 06 Sep 2018 01:17

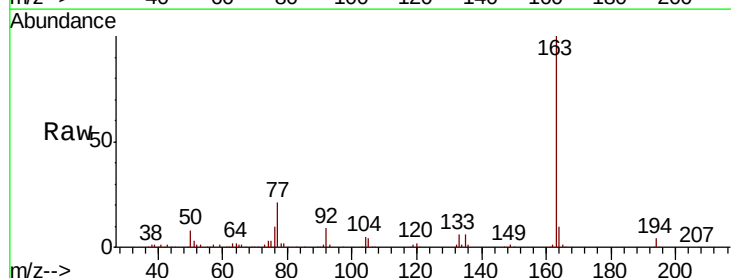
Tgt Ion:163 Resp: 458923

Ion Ratio Lower Upper

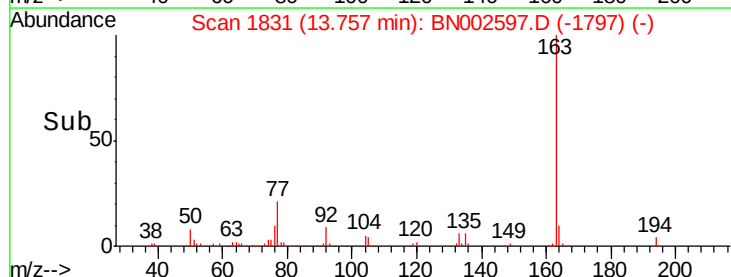
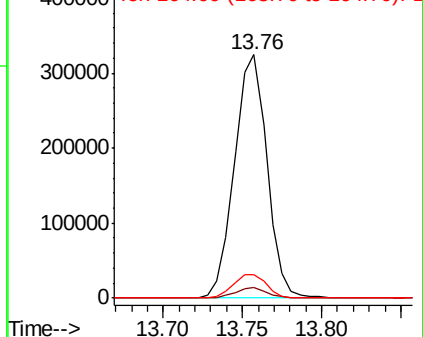
163 100

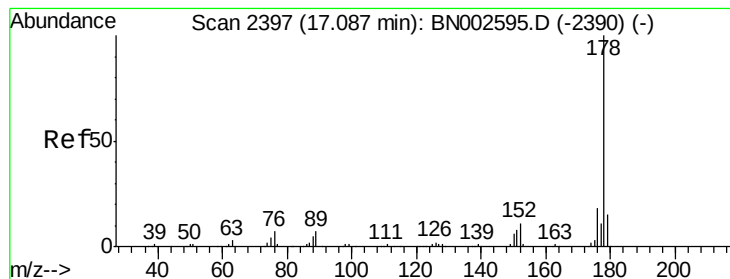
194 4.3 3.2 4.8

164 9.8 7.8 11.8



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#69

Phenanthrene

Concen: 1.704 ng/ul

RT: 17.08 min Scan# 2396

Delta R.T. -0.01 min

Lab File: BN002597.D

Acq: 06 Sep 2018 01:17

Instrument :

BNA_N

ClientSampleId :

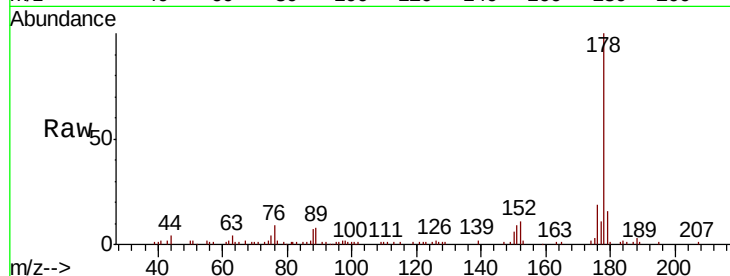
Tot Ion:178 Resp: 92432

Ion Ratio Lower Upper

178 100

179 16.4 12.2 18.4

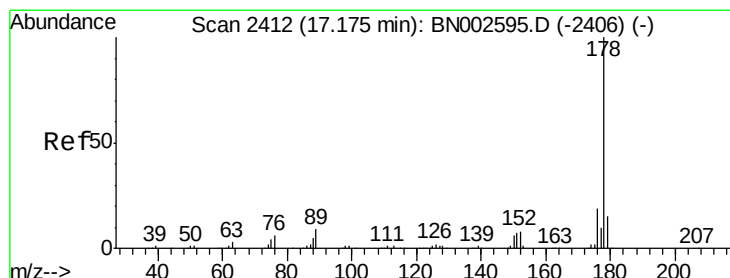
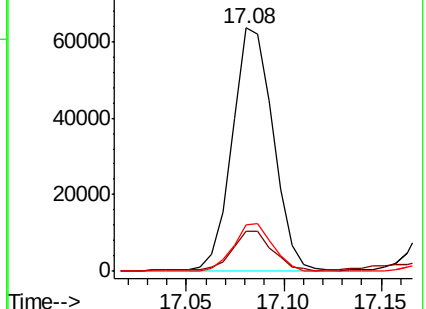
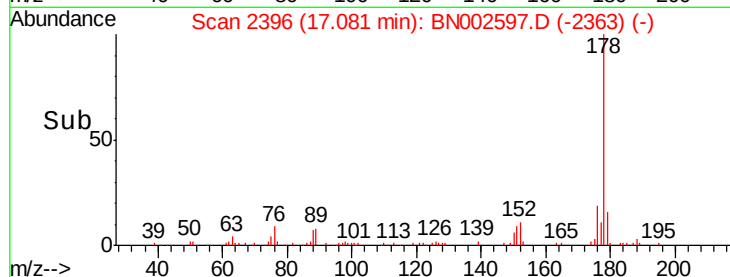
176 18.9 15.6 23.4



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: 1.680 ng/ul

RT: 17.08 min Scan# 2396

Delta R.T. -0.09 min

Lab File: BN002597.D

Acq: 06 Sep 2018 01:17

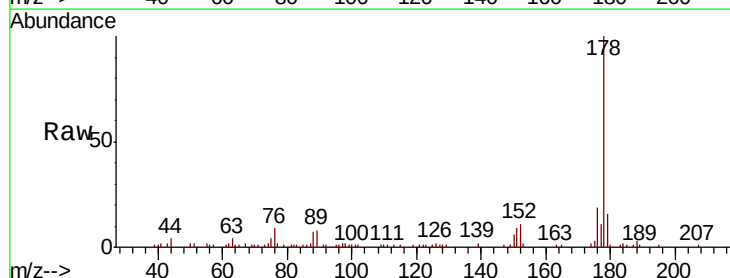
Tgt Ion:178 Resp: 92432

Ion Ratio Lower Upper

178 100

179 16.4 12.1 18.1

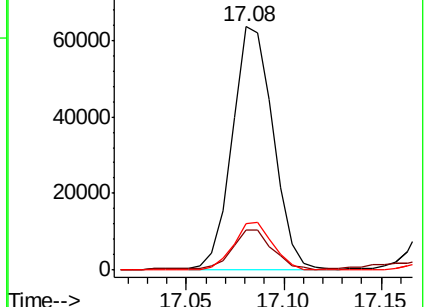
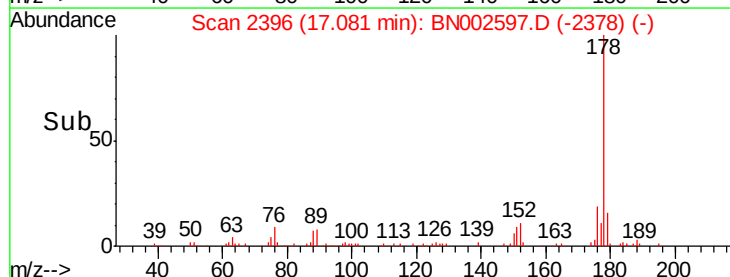
176 18.9 14.8 22.2

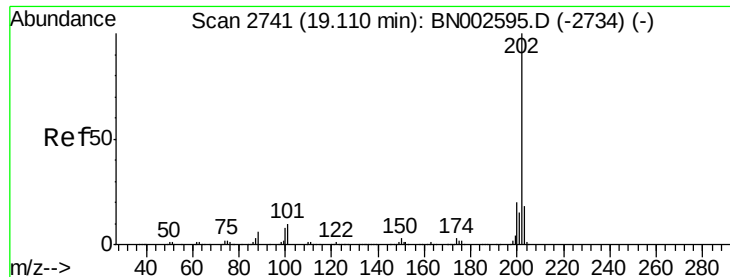


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

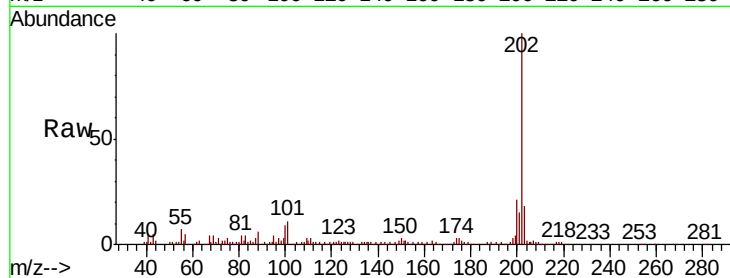




#76
Fluoranthene
Concen: 3.422 ng/ul
RT: 19.10 min Scan# 2740
Delta R.T. -0.01 min
Lab File: BN002597.D
Acq: 06 Sep 2018 01:17

Instrument :
BNA_N
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
202	100		
101	10.9	8.8	13.2
100	9.2	6.6	9.8

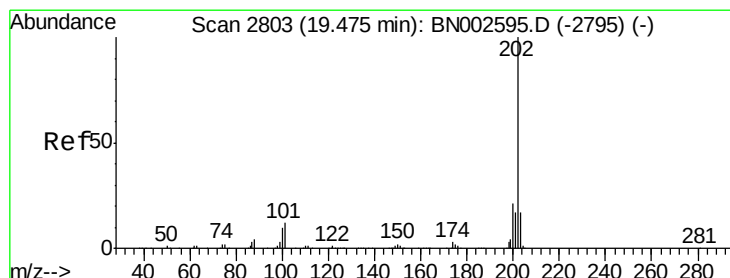
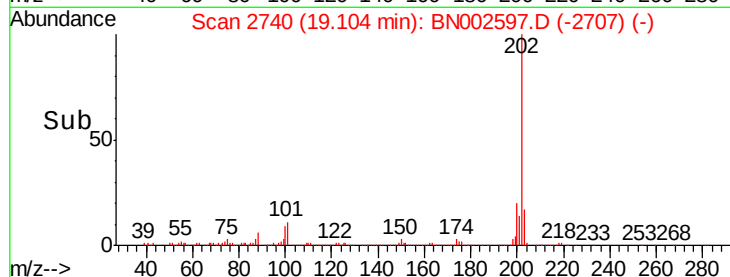
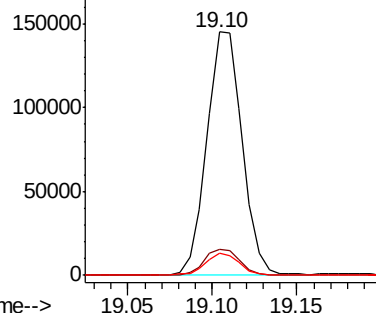


Abundance

Ion 202.00 (201.70 to 202.70): E

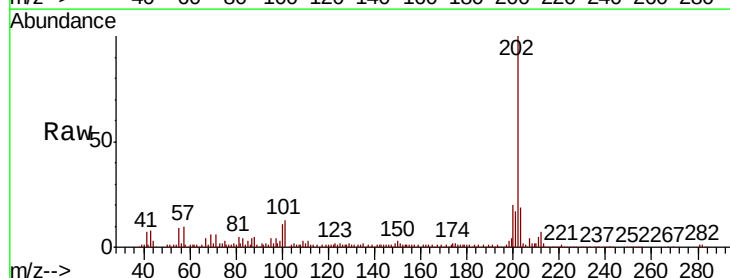
Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#79
Pyrene
Concen: 2.960 ng/ul
RT: 19.47 min Scan# 2802
Delta R.T. -0.01 min
Lab File: BN002597.D
Acq: 06 Sep 2018 01:17

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.5	10.2	15.2
100	11.5	8.5	12.7

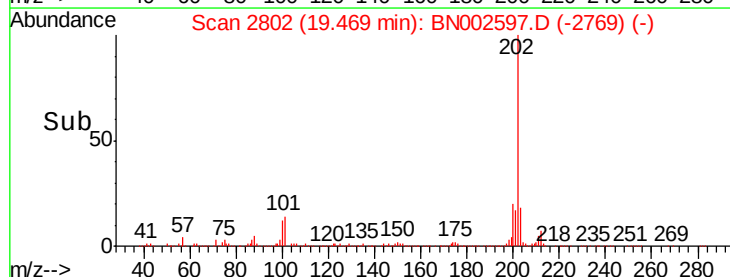
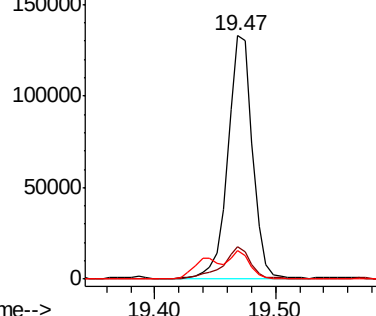


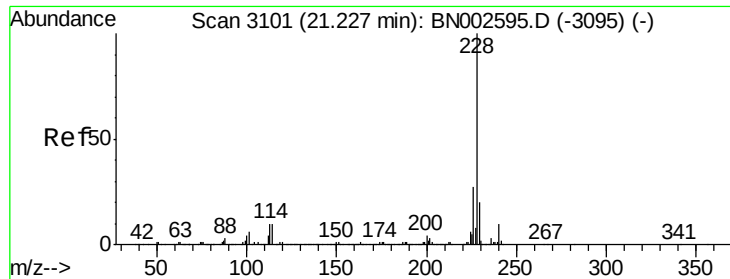
Abundance

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

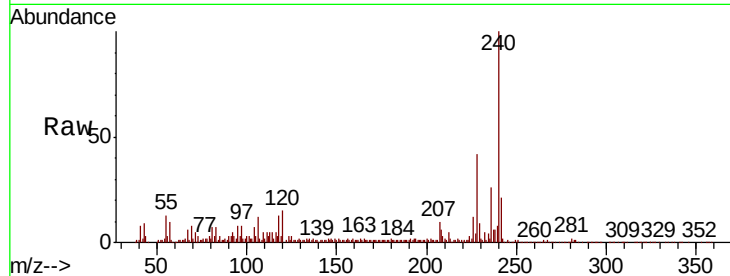




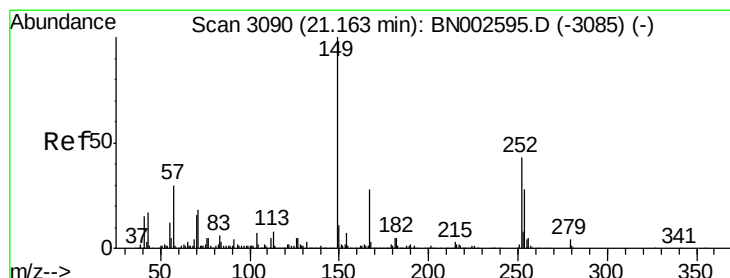
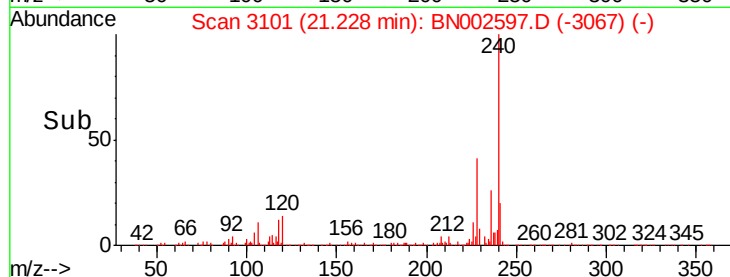
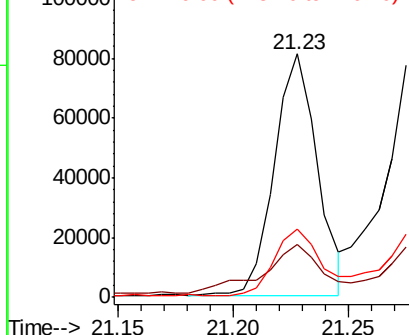
#82
 Benzo(a)anthracene
 Concen: 1.604 ng/ul
 RT: 21.23 min Scan# 3101
 Delta R.T. 0.00 min
 Lab File: BN002597.D
 Acq: 06 Sep 2018 01:17

Instrument :
 BNA_N
 ClientSampled :

Tot Ion:228 Resp: 103971
 Ion Ratio Lower Upper
 228 100
 229 22.0 15.7 23.5
 226 28.0 21.8 32.6

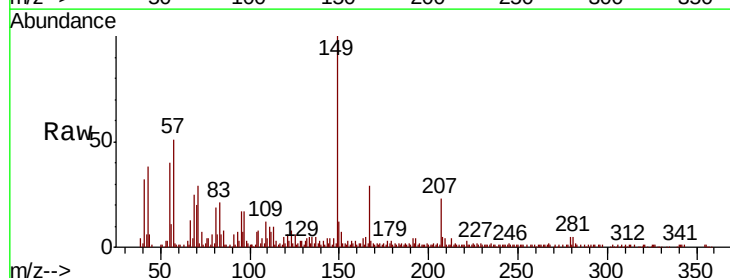


Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 229.00 (228.70 to 229.70): E
 Ion 226.00 (225.70 to 226.70): E

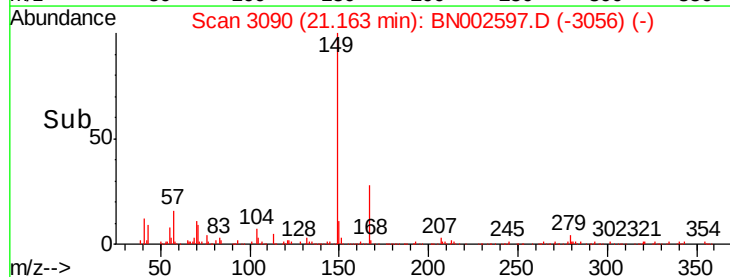
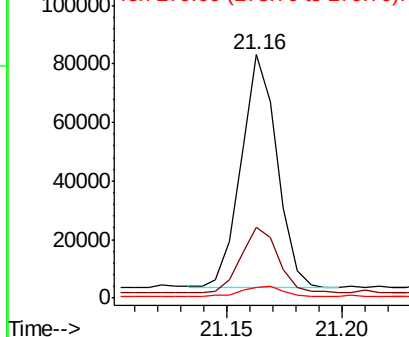


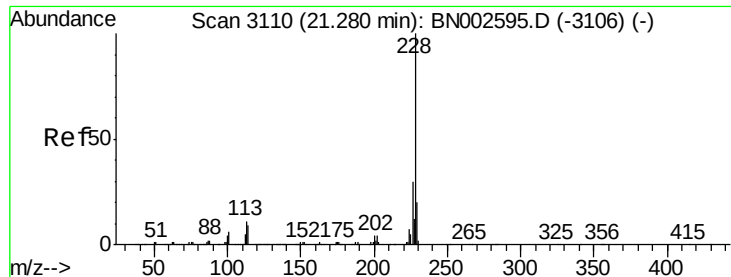
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 2.145 ng/ul
 RT: 21.16 min Scan# 3090
 Delta R.T. 0.00 min
 Lab File: BN002597.D
 Acq: 06 Sep 2018 01:17

Tgt Ion:149 Resp: 86959
 Ion Ratio Lower Upper
 149 100
 167 29.1 21.6 32.4
 279 4.6 3.0 4.4#



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: 1.912 ng/ul

RT: 21.27 min Scan# 3109

Delta R.T. -0.01 min

Lab File: BN002597.D

Acq: 06 Sep 2018 01:17

Instrument :

BNA_N

ClientSampled :

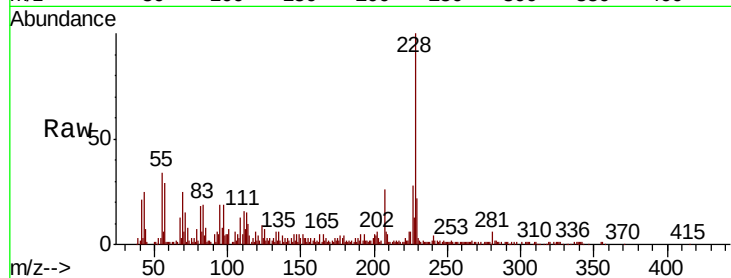
Tot Ion:228 Resp: 117275

Ion	Ratio	Lower	Upper
228	100		
226	27.5	24.0	36.0
229	21.8	15.6	23.4

228 100

226 27.5 24.0 36.0

229 21.8 15.6 23.4

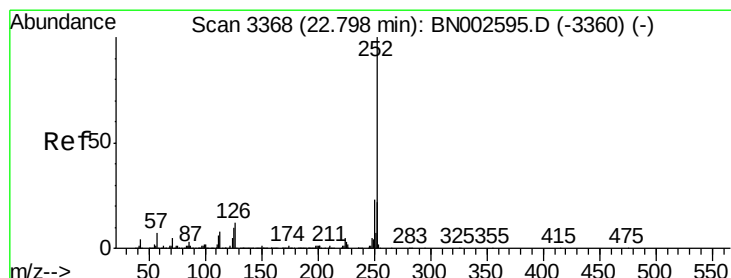
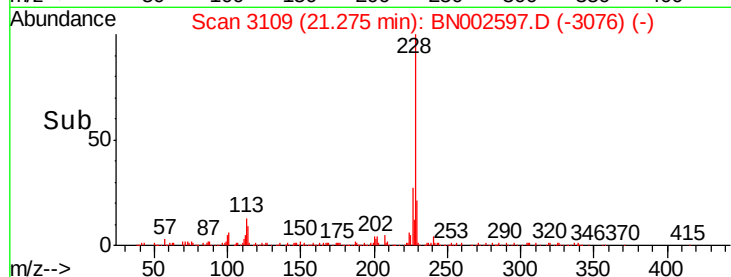
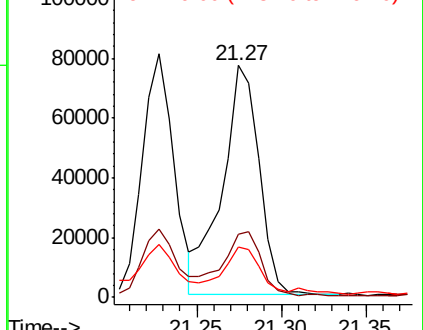


Abundance

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: 2.501 ng/ul

RT: 22.80 min Scan# 3368

Delta R.T. 0.00 min

Lab File: BN002597.D

Acq: 06 Sep 2018 01:17

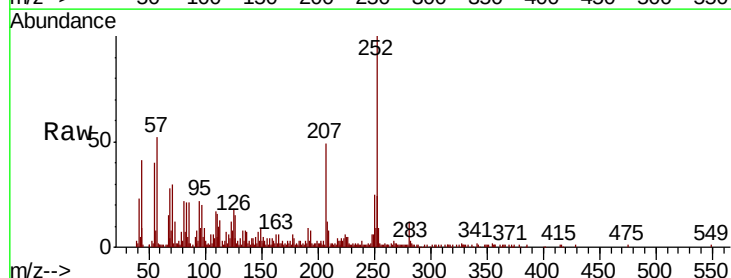
Tgt Ion:252 Resp: 158394

Ion	Ratio	Lower	Upper
252	100		
253	24.4	17.5	26.3
125	17.7	8.5	12.7

252 100

253 24.4 17.5 26.3

125 17.7 8.5 12.7#

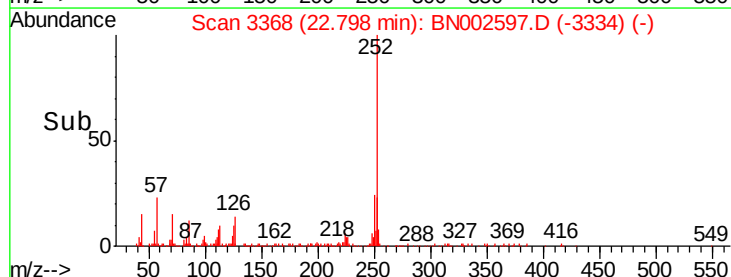
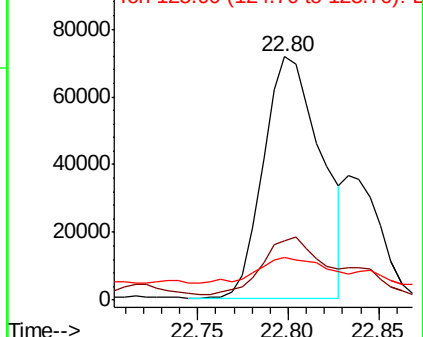


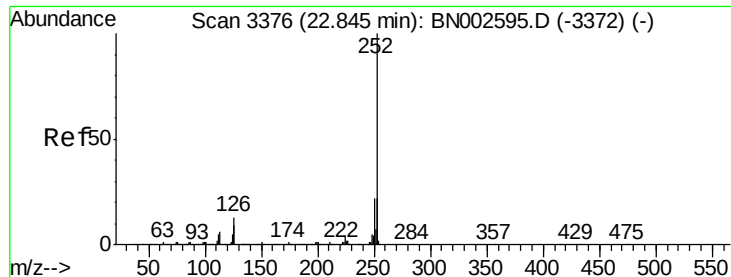
Abundance

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: 2.655 ng/ul

RT: 22.80 min Scan# 3368

Delta R.T. -0.05 min

Lab File: BN002597.D

Acq: 06 Sep 2018 01:17

Instrument :

BNA_N

ClientSampled :

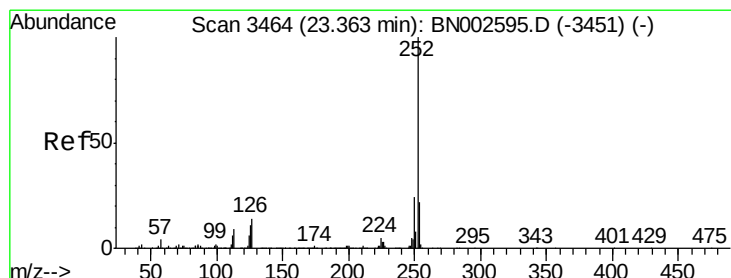
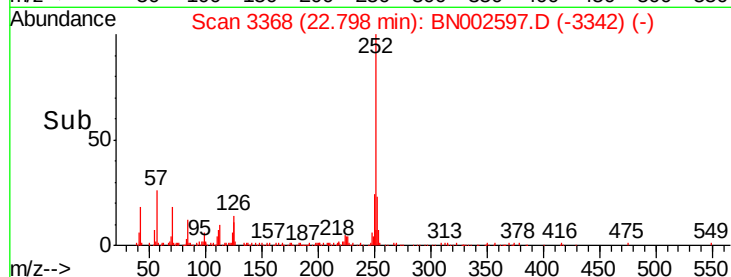
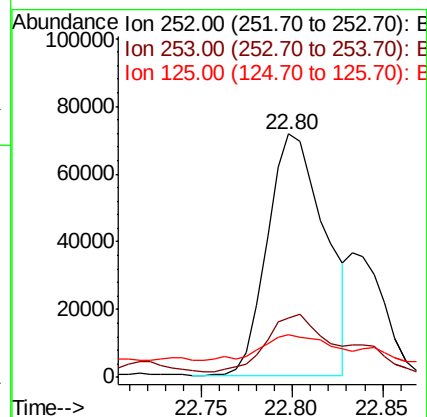
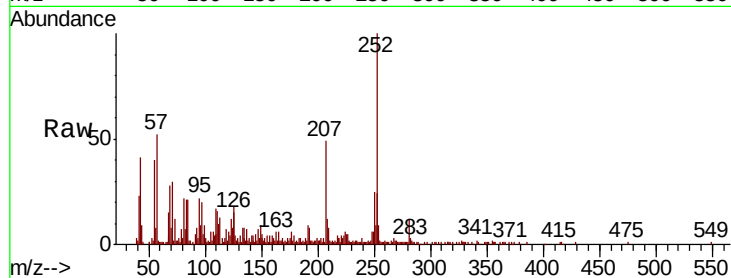
Tot Ion:252 Resp: 158394

Ion Ratio Lower Upper

252 100

253 24.4 17.3 25.9

125 17.7 8.2 12.2#



#90

Benzo(a)pyrene

Concen: 1.517 ng/ul

RT: 23.36 min Scan# 3464

Delta R.T. 0.00 min

Lab File: BN002597.D

Acq: 06 Sep 2018 01:17

Tgt Ion:252 Resp: 91532

Ion Ratio Lower Upper

252 100

253 22.6 17.2 25.8

125 18.2 9.0 13.6#

