

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN090518\
 Data File : BN002596.D
 Acq On : 06 Sep 2018 00:42
 Operator : JU/SJ
 Sample : J4688-14
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Sep 06 06:56:54 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	125897	20.00	ng/ul	0.00
18) Naphthalene-d8	10.43	136	606051	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.29	164	385963	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.05	188	928688	20.00	ng/ul	0.00
77) Chrysene-d12	21.24	240	1070027	20.00	ng/ul	0.00
85) Perylene-d12	23.46	264	1067489	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.23	96	7095	2.66	ng/uL	0.00
5) Phenol-d5	6.85	99	177557	15.38	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	118768	16.38	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	146958	16.71	ng/ul	0.00
13) 4-Methylphenol-d8	8.37	113	148929	16.14	ng/ul	0.00
19) Nitrobenzene-d5	8.82	128	74859	15.52	ng/ul	0.00
22) 2-Nitrophenol-d4	9.53	143	85387	16.83	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.07	165	155529	16.68	ng/ul	0.00
29) 4-Chloroaniline-d4	10.58	131	125893	12.49	ng/ul	0.00
43) Dimethylphthalate-d6	13.71	166	573108	17.91	ng/ul	0.00
46) Acenaphthylene-d8	13.99	160	696963	17.76	ng/ul	0.00
51) 4-Nitrophenol-d4	14.53	143	63830	10.55	ng/ul	0.01
57) Fluorene-d10	15.29	176	511551	18.44	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.43	200	80399	13.60	ng/ul	0.00
70) Anthracene-d10	17.14	188	803375	18.11	ng/ul	0.00
78) Pyrene-d10	19.44	212	963457	18.82	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.32	264	1055256	18.91	ng/ul	0.00

Target Compounds

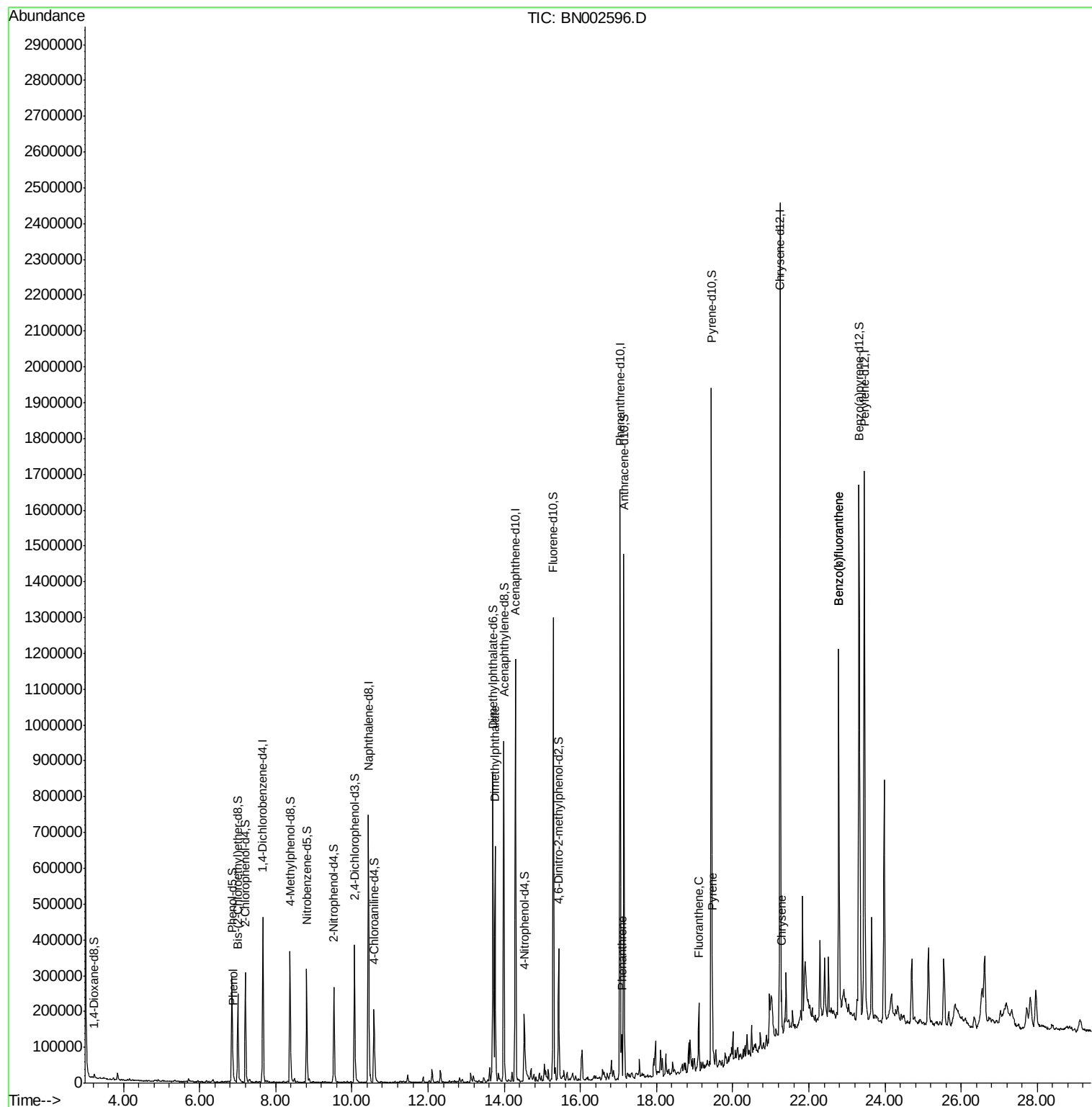
					Ovalue	
6) Phenol	6.88	94	13004	1.106	ng/ul#	77
44) Dimethylphthalate	13.76	163	419112	13.356	ng/ul	99
69) Phenanthrene	17.09	178	72004	1.406	ng/ul	97
76) Fluoranthene	19.11	202	92808	1.593	ng/ul	99
79) Pyrene	19.47	202	92686	1.437	ng/ul	98
84) Chrysene	21.28	228	71606	1.154	ng/ul#	92
87) Benzo(b)fluoranthene	22.80	252	72305	1.130	ng/ul#	84
88) Benzo(k)fluoranthene	22.80	252	72305	1.199	ng/ul#	83

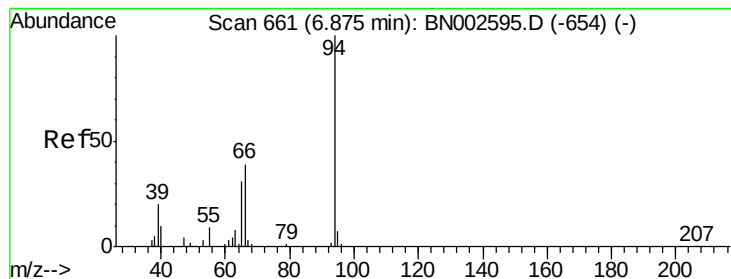
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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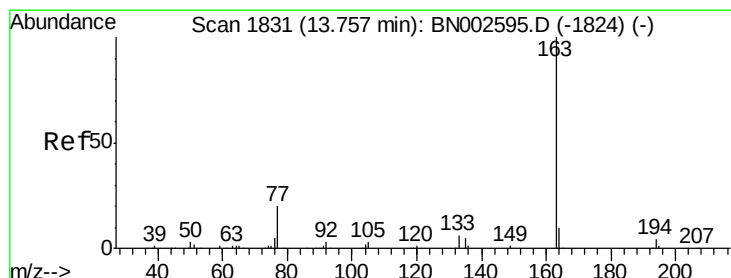
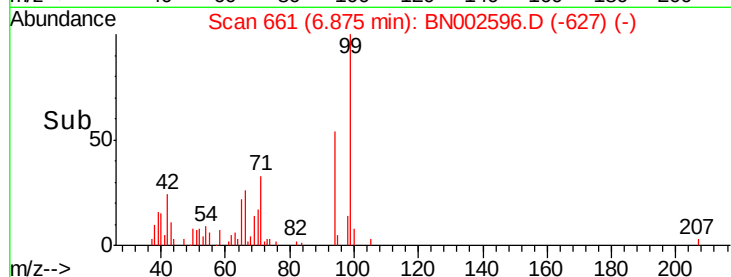
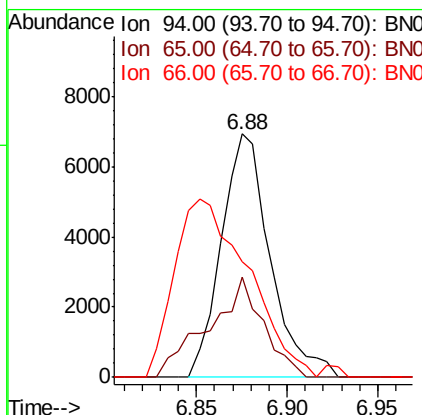
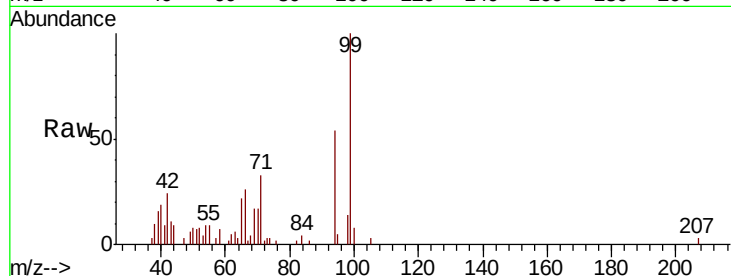
#6

Phenol

Concen: 1.106 ng/ul
 RT: 6.88 min Scan# 661
 Delta R.T. -0.00 min
 Lab File: BN002596.D
 Acq: 06 Sep 2018 00:42

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion	94	Resp	13004
Ion Ratio	Lower	Upper	
94	100		
65	41.0	21.0	31.6#
66	47.4	29.3	43.9#

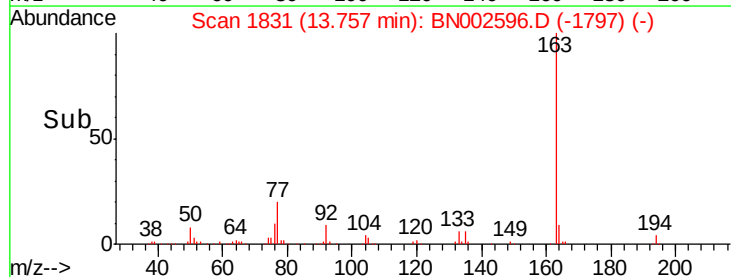
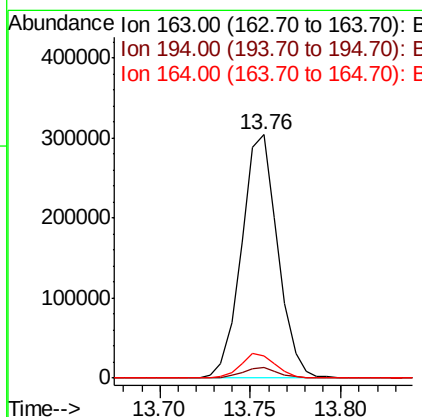
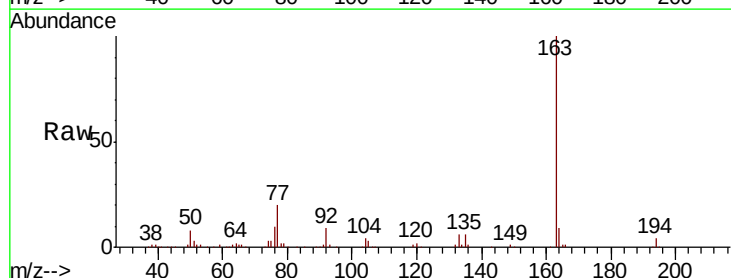


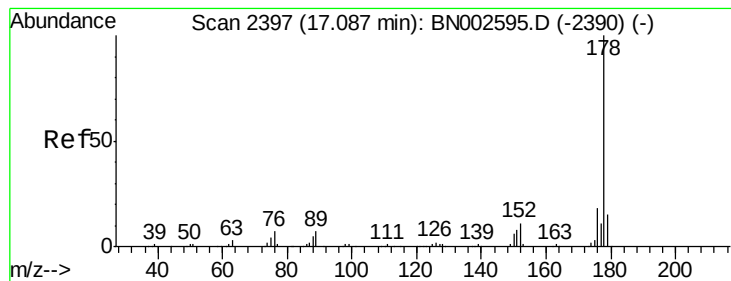
#44

Dimethylphthalate

Concen: 13.356 ng/ul
 RT: 13.76 min Scan# 1831
 Delta R.T. -0.00 min
 Lab File: BN002596.D
 Acq: 06 Sep 2018 00:42

Tgt Ion	163	Resp	419112
Ion Ratio	Lower	Upper	
163	100		
194	4.3	3.2	4.8
164	9.4	7.8	11.8





#69

Phenanthrene

Concen: 1.406 ng/ul

RT: 17.09 min Scan# 2397

Delta R.T. -0.00 min

Lab File: BN002596.D

Acq: 06 Sep 2018 00:42

Instrument :

BNA_N

ClientSampleId :

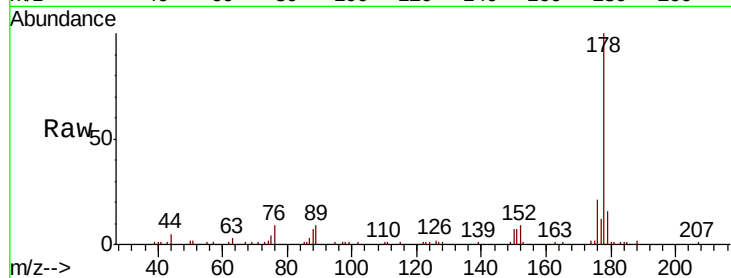
Tot Ion:178 Resp: 72004

Ion Ratio Lower Upper

178 100

179 16.3 12.2 18.4

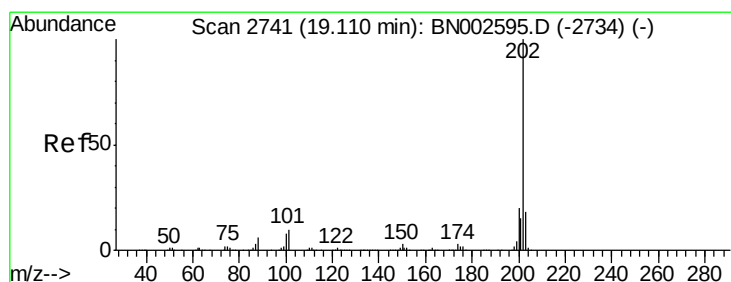
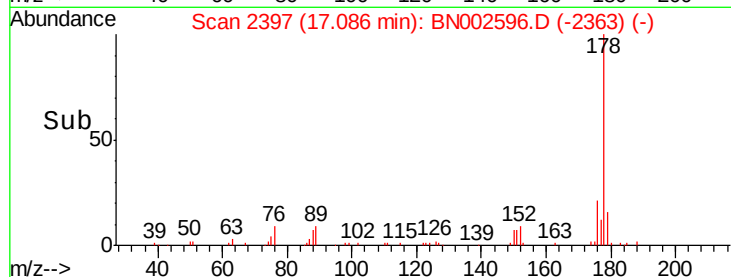
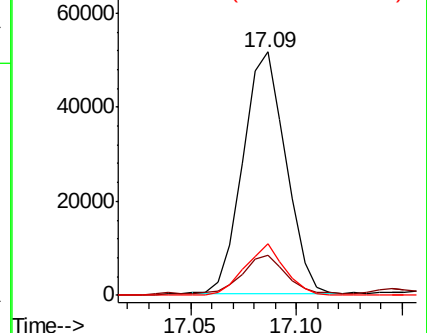
176 21.2 15.6 23.4



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



#76

Fluoranthene

Concen: 1.593 ng/ul

RT: 19.11 min Scan# 2741

Delta R.T. -0.00 min

Lab File: BN002596.D

Acq: 06 Sep 2018 00:42

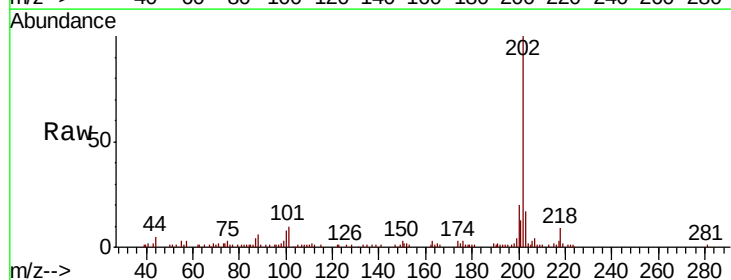
Tgt Ion:202 Resp: 92808

Ion Ratio Lower Upper

202 100

101 10.4 8.8 13.2

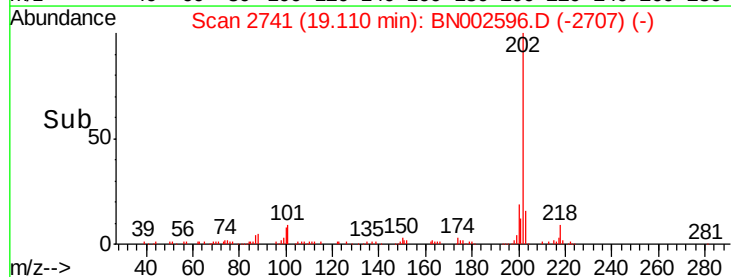
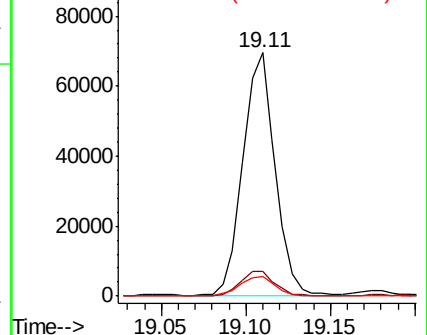
100 7.9 6.6 9.8

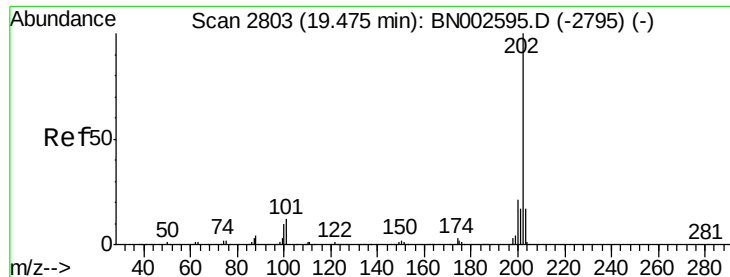


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#79

Pvrene

Concen: 1.437 ng/ul

RT: 19.47 min Scan# 2802

Delta R.T. -0.01 min

Lab File: BN002596.D

Acq: 06 Sep 2018 00:42

Instrument :

BNA_N

ClientSampleId :

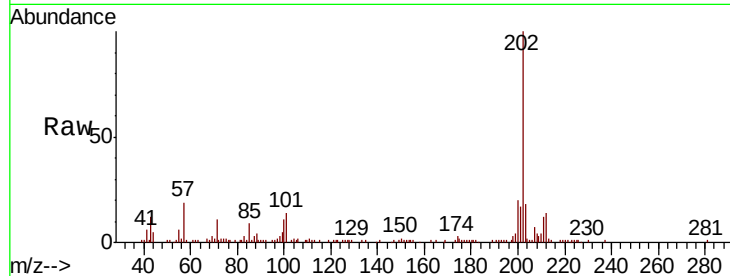
Tot Ion:202 Resp: 92686

Ion Ratio Lower Upper

202 100

101 13.7 10.2 15.2

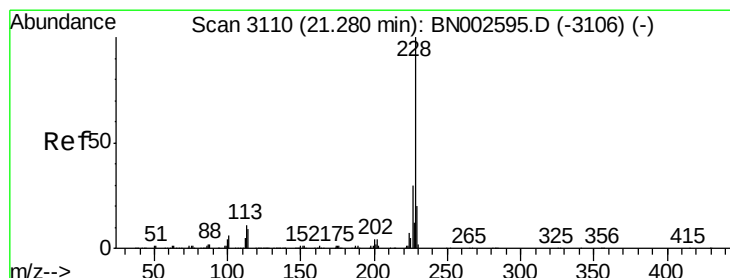
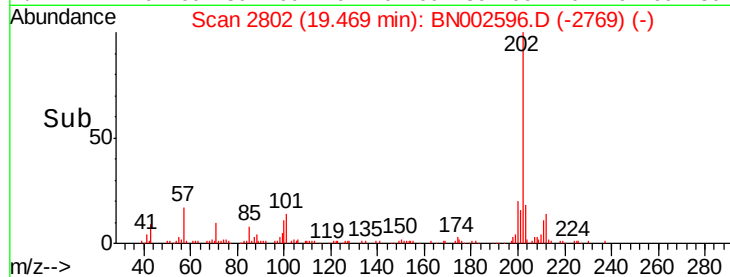
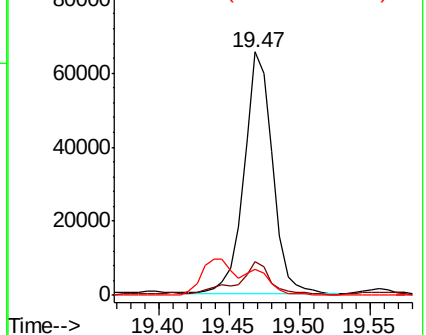
100 10.7 8.5 12.7



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



#84

Chrysene

Concen: 1.154 ng/ul

RT: 21.28 min Scan# 3110

Delta R.T. -0.00 min

Lab File: BN002596.D

Acq: 06 Sep 2018 00:42

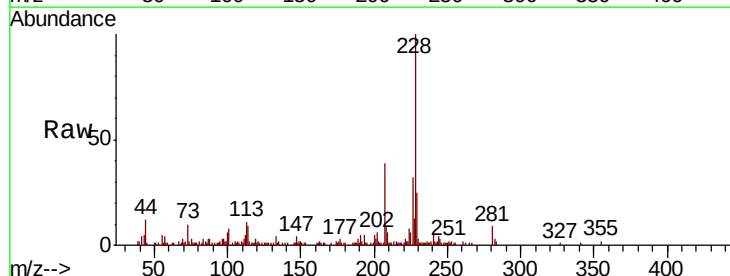
Tgt Ion:228 Resp: 71606

Ion Ratio Lower Upper

228 100

226 32.3 24.0 36.0

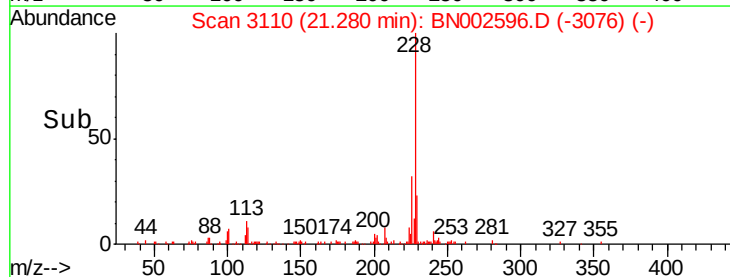
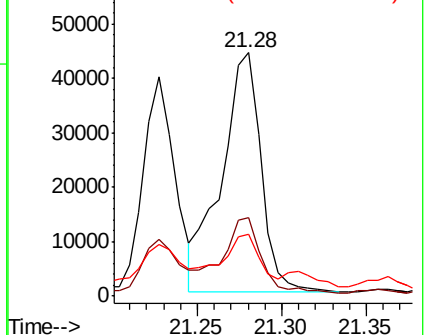
229 25.4 15.6 23.4#

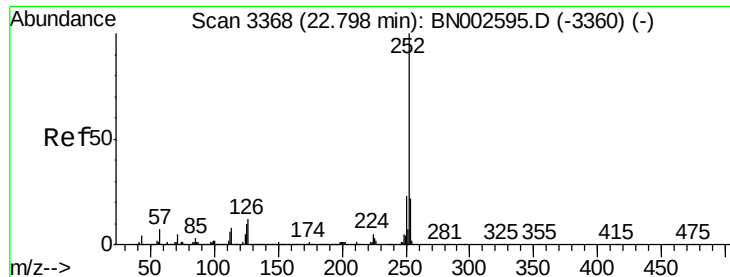


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#87

Benzo(b)fluoranthene

Concen: 1.130 ng/ul

RT: 22.80 min Scan# 3368

Delta R.T. -0.00 min

Lab File: BN002596.D

Acq: 06 Sep 2018 00:42

Instrument :

BNA_N

ClientSampleId :

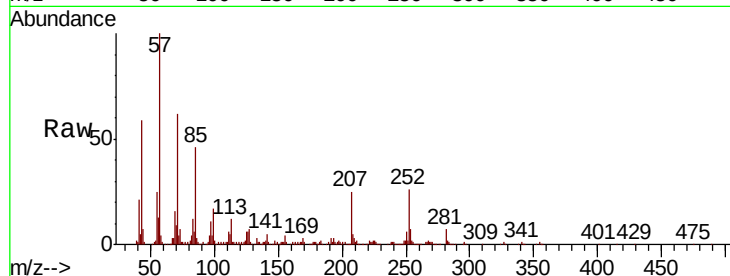
Tot Ion:252 Resp: 72305

Ion Ratio Lower Upper

252 100

253 26.8 17.5 26.3#

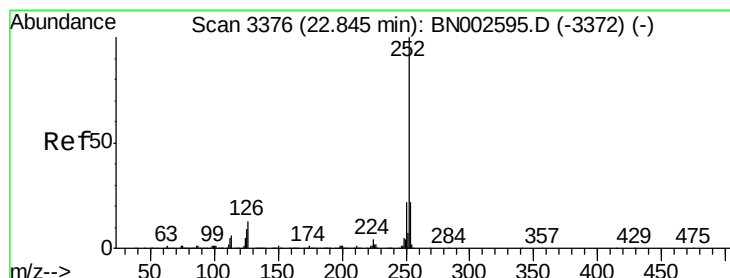
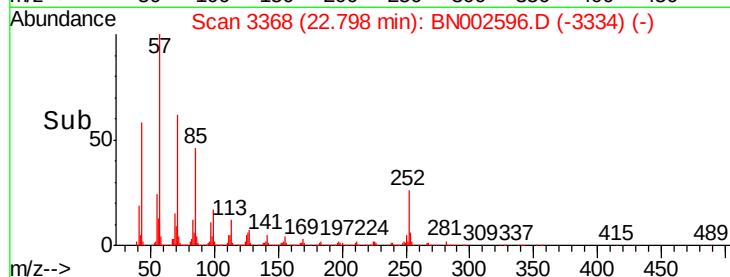
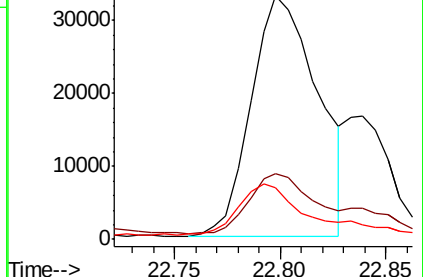
125 21.2 8.5 12.7#



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: 1.199 ng/ul

RT: 22.80 min Scan# 3368

Delta R.T. -0.05 min

Lab File: BN002596.D

Acq: 06 Sep 2018 00:42

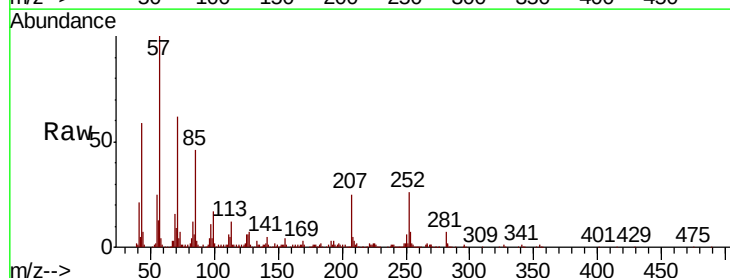
Tgt Ion:252 Resp: 72305

Ion Ratio Lower Upper

252 100

253 26.8 17.3 25.9#

125 21.2 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

