

Data Path : Z:\HPCHEM1\BNA G\DATA\BG110215\
 Data File : BG019439.D
 Acq On : 2 Nov 2015 19:11
 Operator : UM/NP
 Sample : G4202-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BCY35

Manual Integrations
 APPROVED

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 11/3/2015 5:57:27 PM

Quant Time: Nov 03 00:32:20 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG102815.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Nov 03 00:19:25 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.18	152	26829	20.00	ng/ul	0.00
18) Naphthalene-d8	11.02	136	104650	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.82	164	84666	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.56	188	243029	20.00	ng/ul	0.00
78) Chrysene-d12	21.85	240	335497	20.00	ng/ul	0.00
86) Perylene-d12	25.21	264	316536	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.50	96	970	1.73	ng/uL	0.00
5) Phenol-d5	7.33	99	16888	6.86	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.50	67	57228	36.65	ng/ul	0.00
9) 2-Chlorophenol-d4	7.71	132	44517	28.96	ng/ul	0.00
13) 4-Methylphenol-d8	8.89	113	34831	17.76	ng/ul	0.00
19) Nitrobenzene-d5	9.36	128	29063	37.79	ng/ul	0.00
22) 2-Nitrophenol-d4	10.09	143	36778	40.28	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.63	165	70641	35.66	ng/ul	0.00
29) 4-Chloroaniline-d4	11.15	131	9580	4.78	ng/ul	0.00
44) Dimethylphthalate-d6	14.21	166	285138	40.85	ng/ul	0.00
47) Acenaphthylene-d8	14.52	160	287538	37.19	ng/ul	0.00
52) 4-Nitrophenol-d4	15.01	143	9790	8.83	ng/ul	0.00
58) Fluorene-d10	15.81	176	239909	37.15	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.91	200	48607	30.90	ng/ul	0.00
71) Anthracene-d10	17.66	188	434521m	39.22	ng/ul	0.00
79) Pyrene-d10	19.94	212	550416	37.49	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.97	264	610957	38.46	ng/ul	0.00

Target Compounds

					Ovalue
50) Acenaphthene	14.88	153	197353	36.90 ng/ul	96
59) Fluorene	15.86	166	168396	24.51 ng/ul#	98
75) Carbazole	17.96	167	23990	2.40 ng/ul	98
77) Fluoranthene	19.60	202	94425	5.95 ng/ul#	96
80) Pyrene	19.97	202	68409	3.63 ng/ul#	97

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

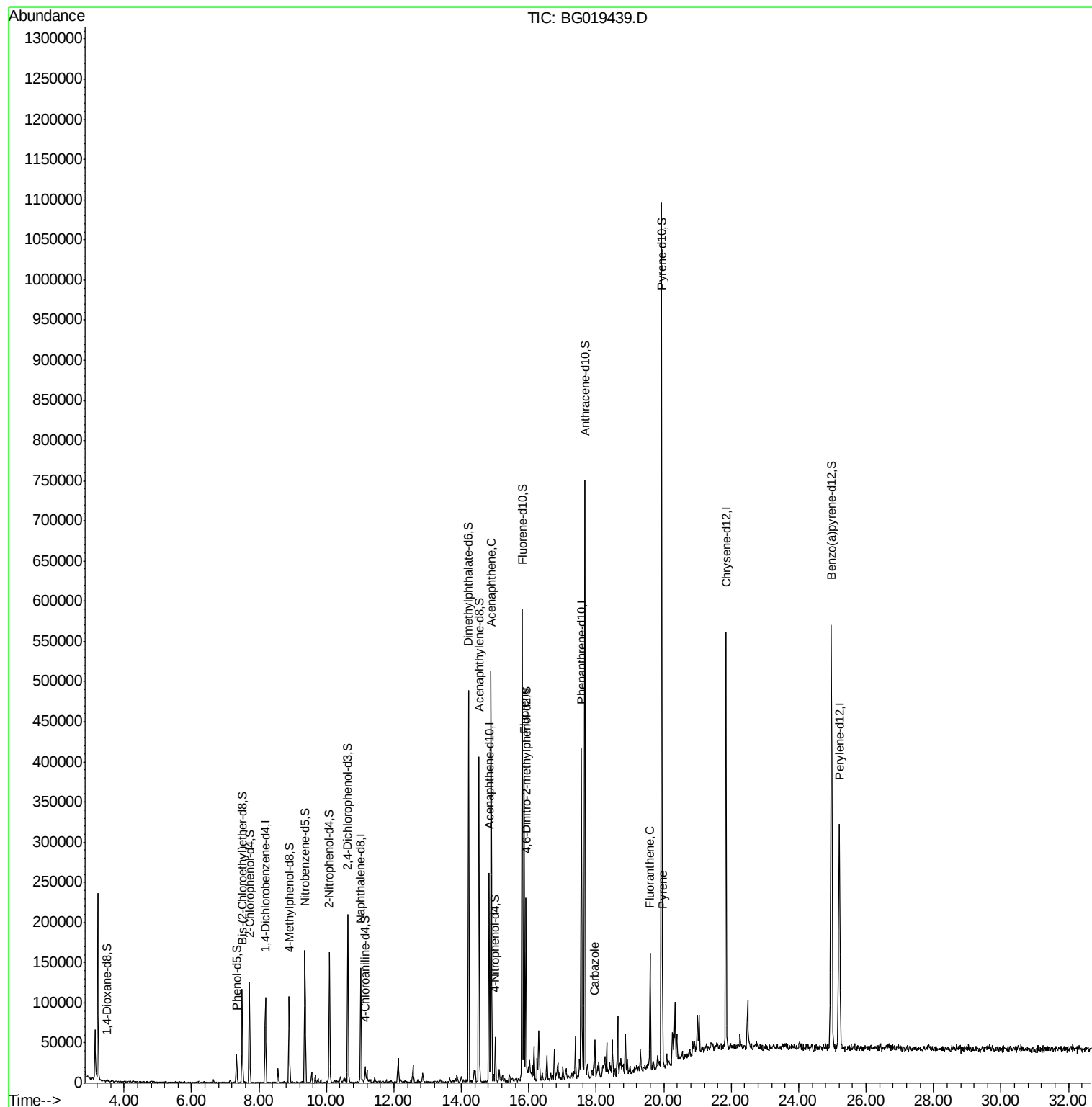
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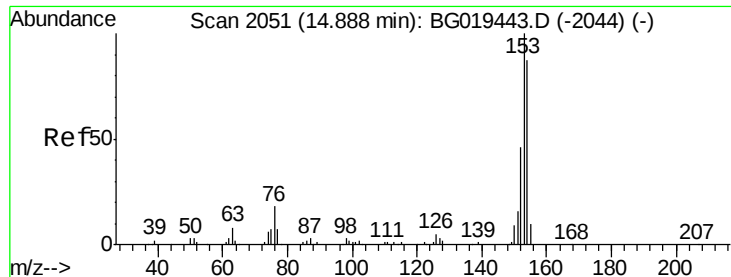
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#50

Acenaphthene

Concen: 36.90 ng/ul

RT: 14.88 min Scan# 2050

Delta R.T. -0.00 min

Lab File: BG019439.D

Acq: 2 Nov 2015 19:11

Instrument :

BNA_G

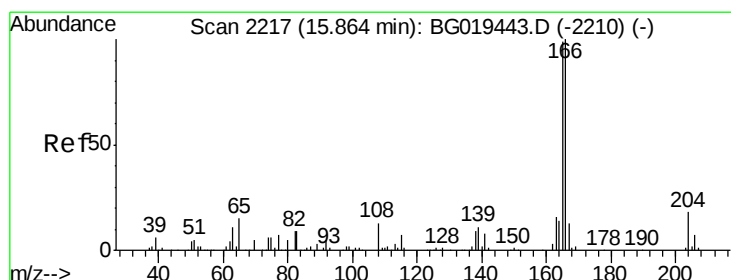
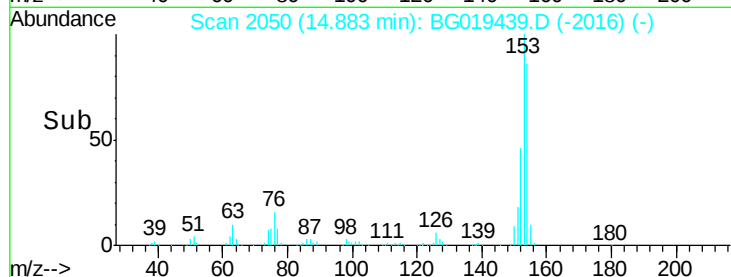
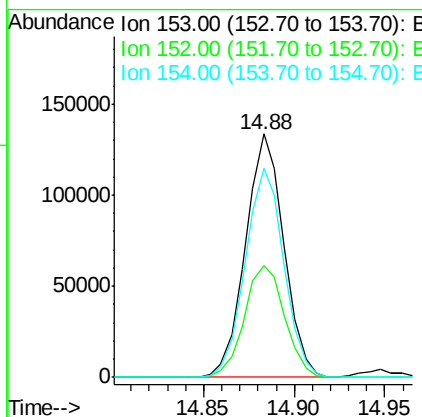
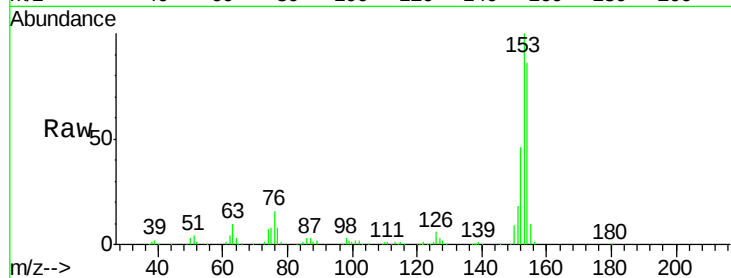
ClientSampleId :

BCY35

Tot Ion:	153	Resp:	197353
Ion Ratio	Lower	Upper	
153	100		
152	45.8	38.8	58.2
154	86.0	71.5	107.3

Manual Integrations
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#59

Fluorene

Concen: 24.51 ng/ul

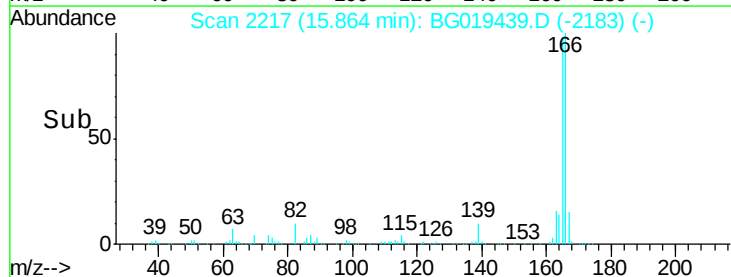
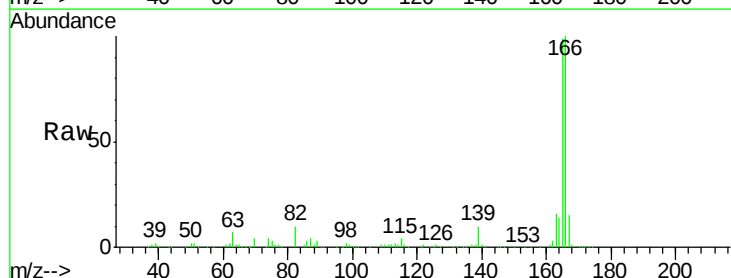
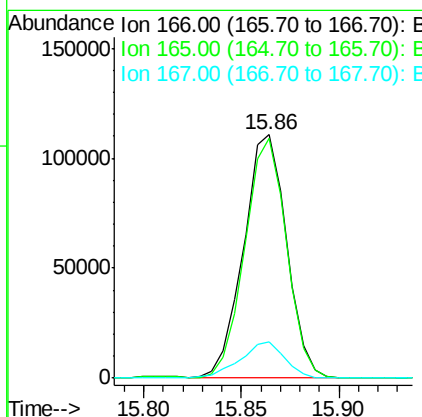
RT: 15.86 min Scan# 2217

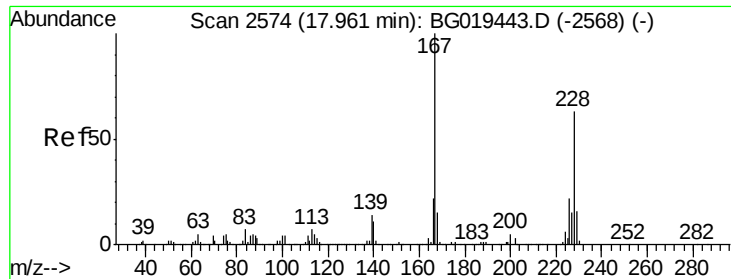
Delta R.T. -0.00 min

Lab File: BG019439.D

Acq: 2 Nov 2015 19:11

Tgt Ion:	166	Resp:	168396
Ion Ratio	Lower	Upper	
166	100		
165	98.7	77.6	116.4
167	15.1	9.6	14.4#





#75

Carbazole

Concen: 2.40 ng/ul

RT: 17.96 min Scan# 2574

Delta R.T. -0.00 min

Lab File: BG019439.D

Acq: 2 Nov 2015 19:11

Instrument :

BNA_G

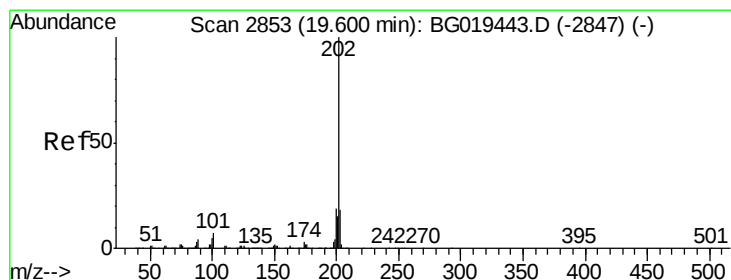
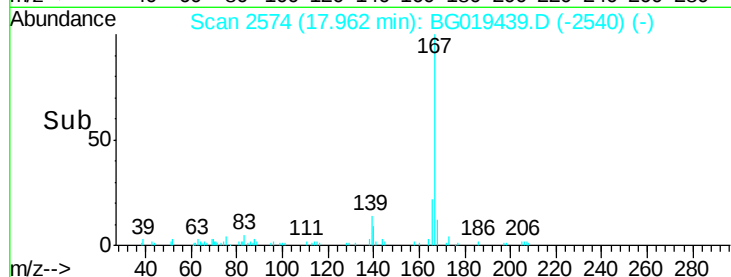
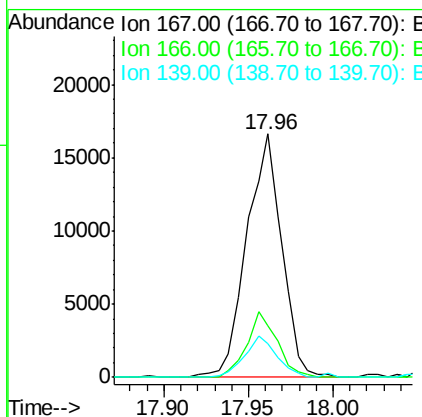
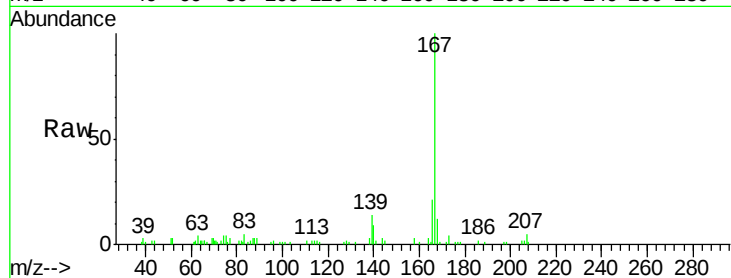
ClientSampleId :

BCY35

Tot Ion:	167	Resp:	23990
Ion Ratio	Lower	Upper	
167	100		
166	21.3	16.8	25.2
139	13.8	9.8	14.6

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#77

Fluoranthene

Concen: 5.95 ng/ul

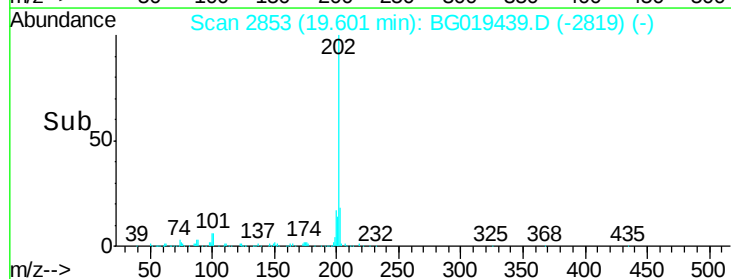
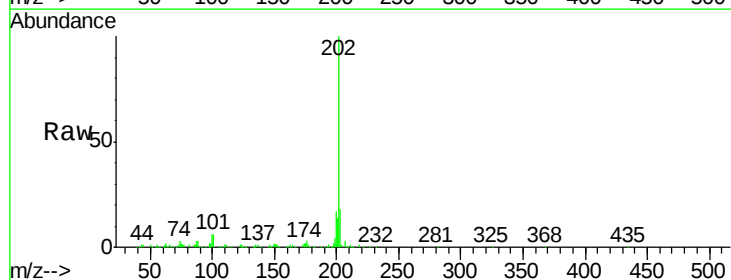
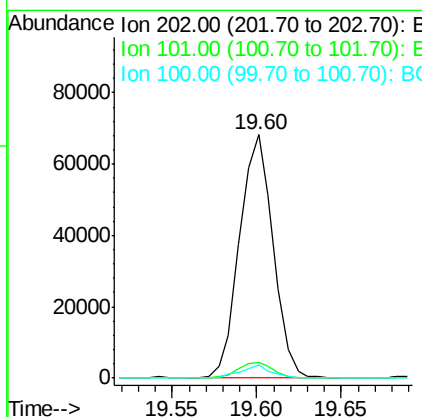
RT: 19.60 min Scan# 2853

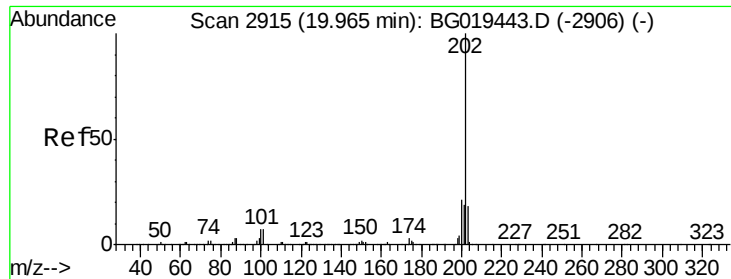
Delta R.T. -0.00 min

Lab File: BG019439.D

Acq: 2 Nov 2015 19:11

Tgt Ion:	202	Resp:	94425
Ion Ratio	Lower	Upper	
202	100		
101	6.3	4.0	6.0#
100	5.5	3.6	5.4#





#80
 Pvrene
 Concen: 3.63 ng/ul
 RT: 19.97 min Scan# 2915
 Delta R.T. -0.00 min
 Lab File: BG019439.D
 Acq: 2 Nov 2015 19:11

Instrument :
 BNA_G
 ClientSampleId :
 BCY35

Tot Ion:	202	Resp:	68409
Ion Ratio	Lower	Upper	
202	100		
101	5.9	4.3	6.5
100	5.8	3.6	5.4#

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