

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG110415\
 Data File : BG019476.D
 Acq On : 4 Nov 2015 18:56
 Operator : UM/NP
 Sample : G4245-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BCY29

Quant Time: Nov 04 22:30:47 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Nov 04 22:22:38 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.18	152	32785	20.00	ng/ul	0.00
18) Naphthalene-d8	11.01	136	135275	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.81	164	105645	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.55	188	292062	20.00	ng/ul	0.00
78) Chrysene-d12	21.83	240	391294	20.00	ng/ul	0.00
86) Perylene-d12	25.18	264	367488	20.00	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 1,4-Dioxane-d8	3.49	96	499	0.73	ng/uL	0.00
5) Phenol-d5	7.32	99	18373	6.10	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.49	67	61259	32.11	ng/ul	0.00
9) 2-Chlorophenol-d4	7.71	132	45969	24.47	ng/ul	0.00
13) 4-Methylphenol-d8	8.88	113	34148	14.25	ng/ul	0.00
19) Nitrobenzene-d5	9.35	128	32272	32.46	ng/ul	0.00
22) 2-Nitrophenol-d4	10.08	143	35880	30.40	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.62	165	70645	27.59	ng/ul	0.00
29) 4-Chloroaniline-d4	11.12	131	3033	1.17	ng/ul	-0.02
44) Dimethylphthalate-d6	14.20	166	286268	32.86	ng/ul	0.00
47) Acenaphthylene-d8	14.50	160	319810	33.15	ng/ul	0.00
52) 4-Nitrophenol-d4	15.00	143	8769	6.34	ng/ul	0.00
58) Fluorene-d10	15.80	176	261550	32.46	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.91	200	55795	29.52	ng/ul	0.00
71) Anthracene-d10	17.65	188	451165	33.89	ng/ul	0.00
79) Pyrene-d10	19.92	212	545028	31.83	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.94	264	621558	33.70	ng/ul	0.00

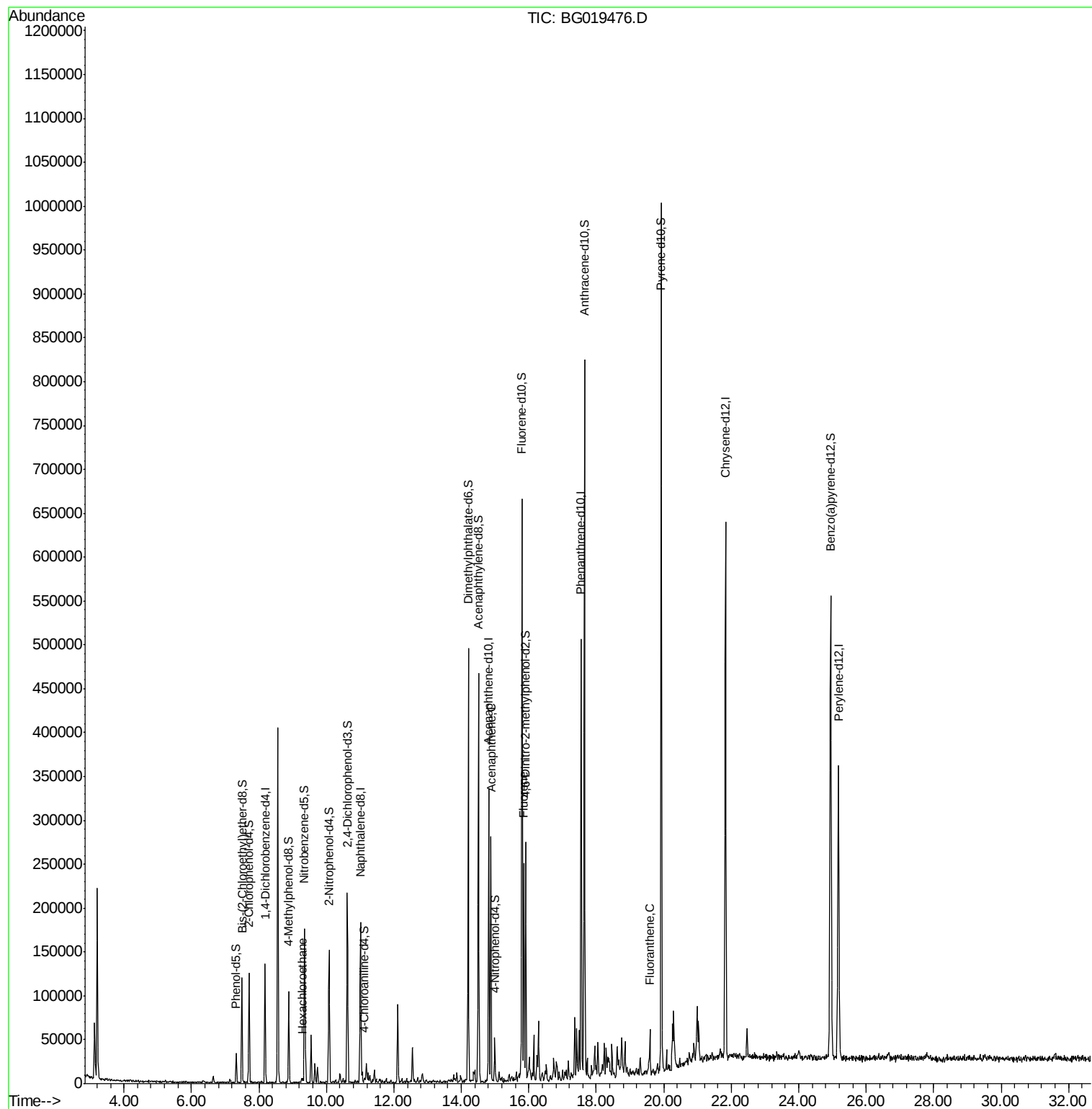
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
17) Hexachloroethane	9.29	117	1489	1.47	ng/ul#	1
50) Acenaphthene	14.87	153	111591	16.72	ng/ul	98
59) Fluorene	15.85	166	107220	12.51	ng/ul	96
77) Fluoranthene	19.59	202	30368	1.59	ng/ul#	97

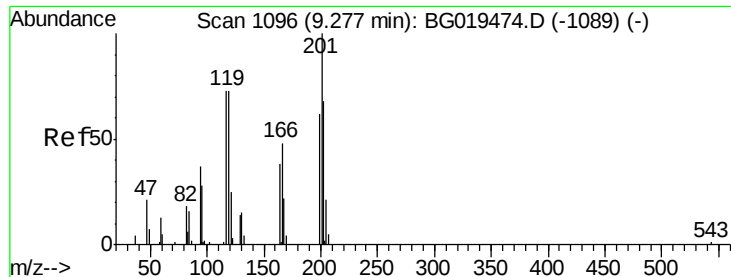
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#17

Hexachloroethane

Concen: 1.47 ng/ul

RT: 9.29 min Scan# 1098

Delta R.T. 0.02 min

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ClientSampleId :

BCY29

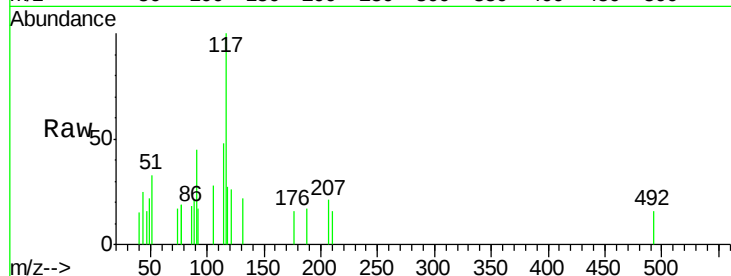
Tgt Ion:117 Resp: 1489

Ion Ratio Lower Upper

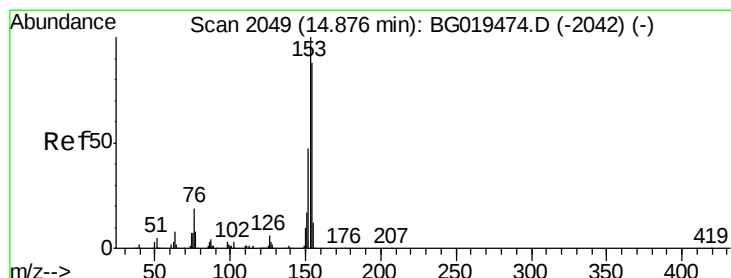
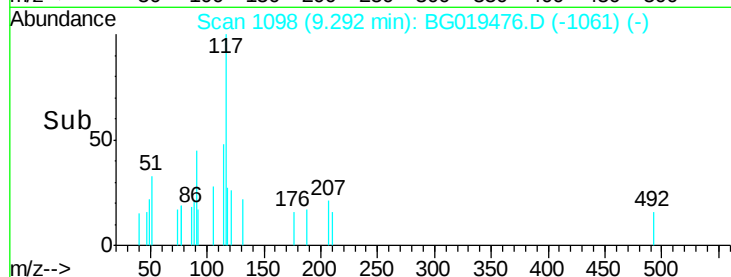
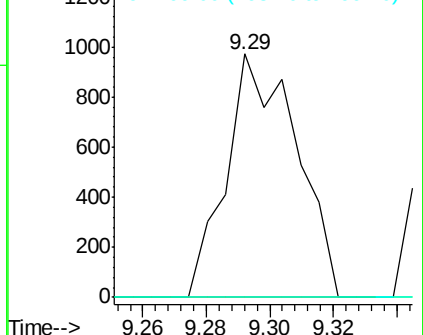
117 100

201 0.0 101.4 152.0#

199 0.0 71.7 107.5#



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 201.00 (200.70 to 201.70): E
Ion 199.00 (198.70 to 199.70): E



#50

Acenaphthene

Concen: 16.72 ng/ul

RT: 14.87 min Scan# 2048

Delta R.T. -0.00 min

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Acq: 4 Nov 2015 18:56

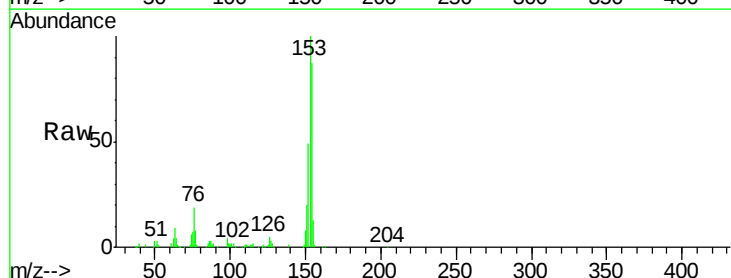
Tgt Ion:153 Resp: 111591

Ion Ratio Lower Upper

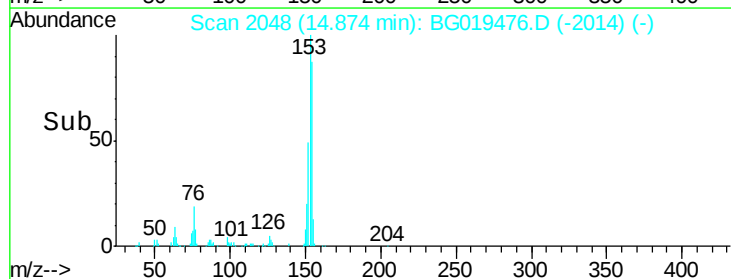
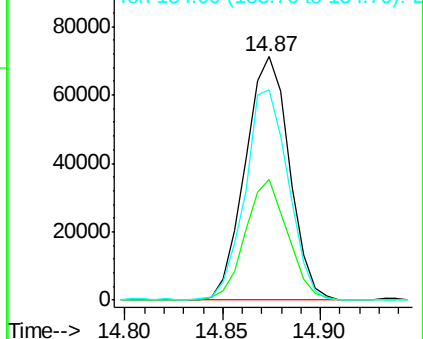
153 100

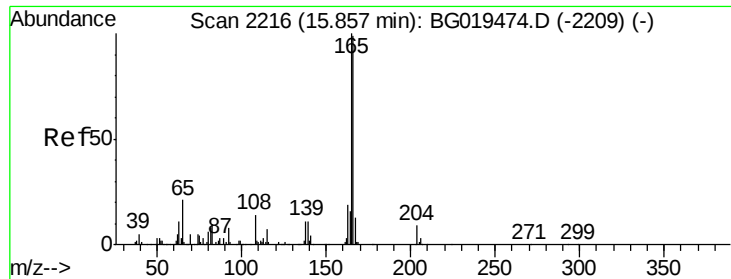
152 49.4 38.8 58.2

154 86.6 71.5 107.3



Abundance Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E
Ion 154.00 (153.70 to 154.70): E





#59

Fluorene

Concen: 12.51 ng/ul

RT: 15.85 min Scan# 2215

Delta R.T. -0.00 min

Lab File: BG019476.D

Acq: 4 Nov 2015 18:56

Instrument :

BNA_G

ClientSampleId :

BCY29

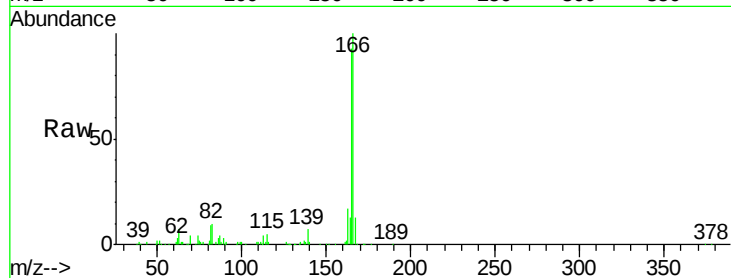
Tgt Ion:166 Resp: 107220

Ion Ratio Lower Upper

166 100

165 92.7 77.6 116.4

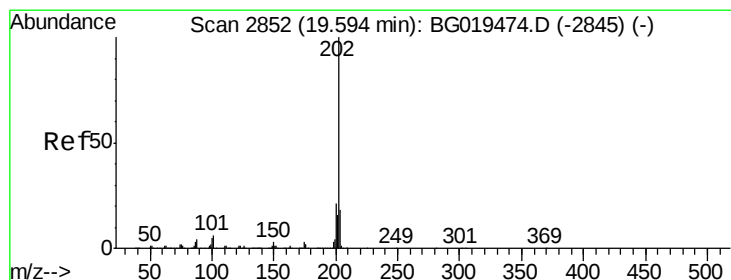
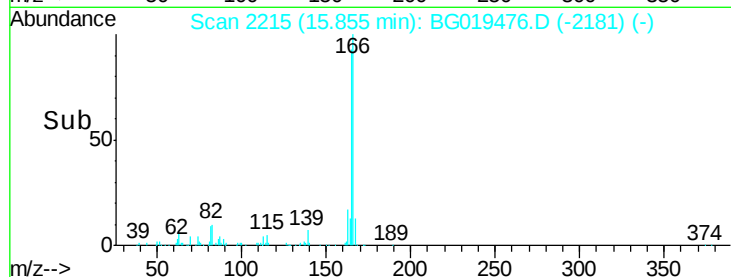
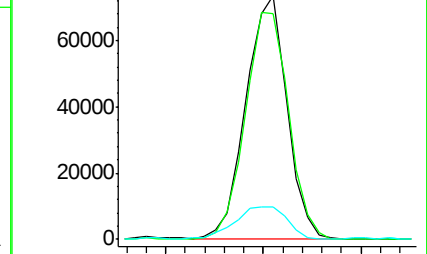
167 13.3 9.6 14.4



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#77

Fluoranthene

Concen: 1.59 ng/ul

RT: 19.59 min Scan# 2851

Delta R.T. -0.00 min

Lab File: BG019476.D

Acq: 4 Nov 2015 18:56

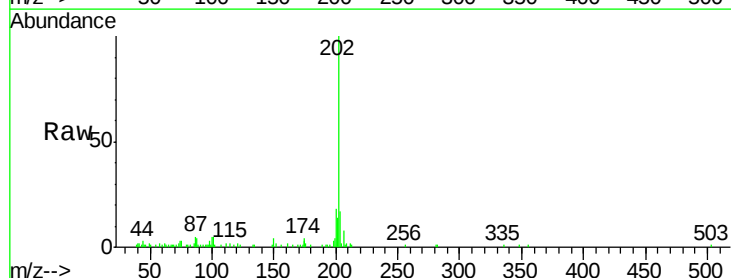
Tgt Ion:202 Resp: 30368

Ion Ratio Lower Upper

202 100

101 6.7 4.0 6.0#

100 4.6 3.6 5.4



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): E

