

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122215\
 Data File : BG020456.D
 Acq On : 23 Dec 2015 23:25
 Operator : UM/SJ
 Sample : G4787-17MEDL 30X
 Misc : MED LEVEL DILUTION
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 G9BN9MEDL

Manual Integrations
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 12/24/2015 5:31:43 PM

Quant Time: Dec 24 04:18:52 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG121415.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Dec 24 02:43:25 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	16753	20.00	ng/ul	0.00
18) Naphthalene-d8	10.90	136	71353	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.71	164	52638	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.46	188	127872	20.00	ng/ul	0.00
78) Chrysene-d12	21.74	240	158632	20.00	ng/ul	0.00
86) Perylene-d12	25.00	264	152329	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	7.24	99	641	0.43	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.41	67	519	0.59	ng/ul	0.00
9) 2-Chlorophenol-d4	7.62	132	631m	0.59	ng/ul	0.00
13) 4-Methylphenol-d8	0.00	113	0	0.00	ng/ul	
19) Nitrobenzene-d5	9.25	128	271m	0.49	ng/ul	0.00
22) 2-Nitrophenol-d4	9.98	143	316	0.51	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.52	165	670m	0.53	ng/ul	0.00
29) 4-Chloroaniline-d4	11.05	131	351	0.25	ng/ul	0.01
44) Dimethylphthalate-d6	14.11	166	3888	0.91	ng/ul	0.00
47) Acenaphthylene-d8	14.41	160	4609	0.93	ng/ul	0.00
52) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
58) Fluorene-d10	15.71	176	3808	0.99	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
71) Anthracene-d10	17.56	188	5612	0.95	ng/ul	0.00
79) Pyrene-d10	19.84	212	6538	0.88	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.77	264	7004	0.92	ng/ul	0.00

Target Compounds

						Ovalue
28) Naphthalene	10.95	128	124242	33.34	ng/ul	98
34) 2-Methylnaphthalene	12.55	142	59788	21.01	ng/ul	99
41) 1,1'-Biphenyl	13.55	154	5132	1.29	ng/ul#	95
50) Acenaphthene	14.78	153	20023	5.65	ng/ul	96
59) Fluorene	15.76	166	11654	2.76	ng/ul	96
70) Phenanthrene	17.50	178	60038	8.58	ng/ul	98
72) Anthracene	17.59	178	14080	1.98	ng/ul	99
77) Fluoranthene	19.51	202	20309	2.48	ng/ul	98
80) Pvrene	19.87	202	32380	3.37	ng/ul	99
83) Benzo(a)anthracene	21.72	228	11796	1.27	ng/ul	99
85) Chrysene	21.78	228	10306	1.18	ng/ul	95

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

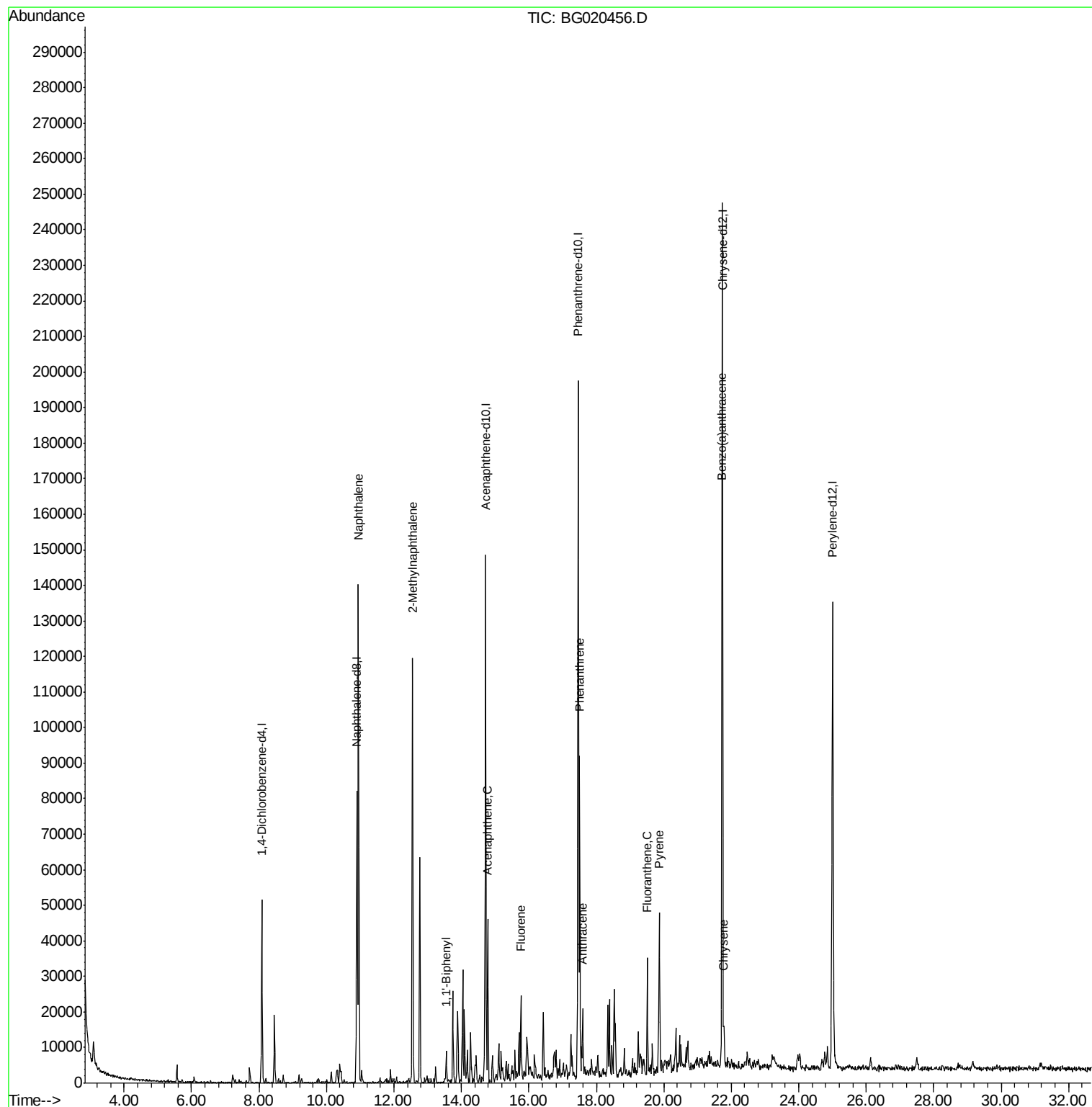
Data Path : Z:\HPCHEM1\BNA G\DATA\BG122215\
Data File : BG020456.D
Acq On : 23 Dec 2015 23:25
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Misc : MED LEVEL DILUTION
ALS Vial : 46 Sample Multiplier: 1

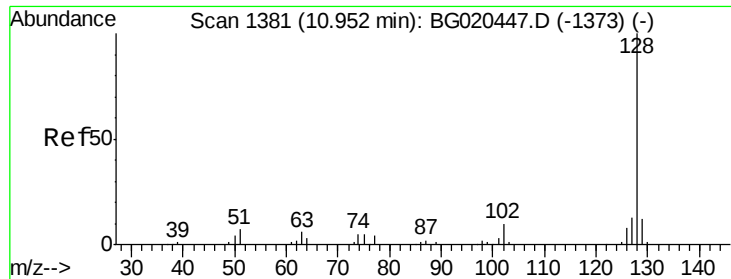
Instrument :
BNA_G
ClientSampleId :
G9BN9MEDL

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Quant Time: Dec 24 04:18:52 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 24 02:43:25 2015
Response via : Initial Calibration





#28

Naphthalene

Concen: 33.34 ng/ul

RT: 10.95 min Scan# 1380

Delta R.T. -0.00 min

Lab File: BG020456.D

Acq: 23 Dec 2015 23:25

Instrument :

BNA_G

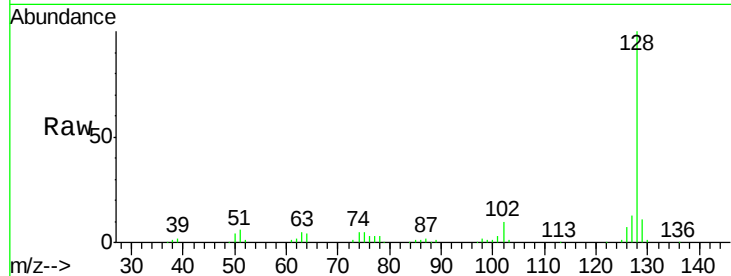
ClientSampleId :

G9BN9MEDL

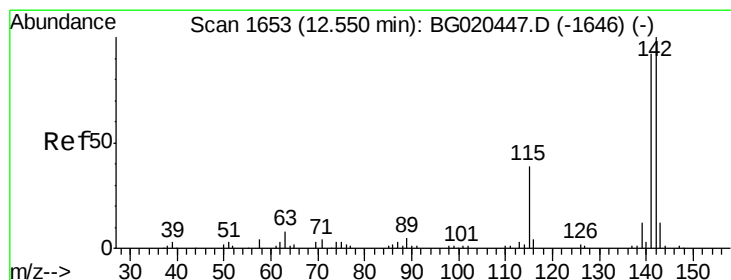
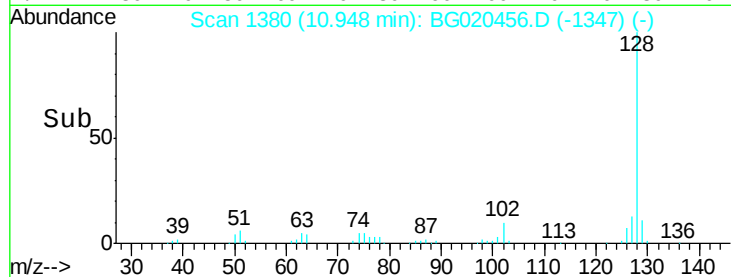
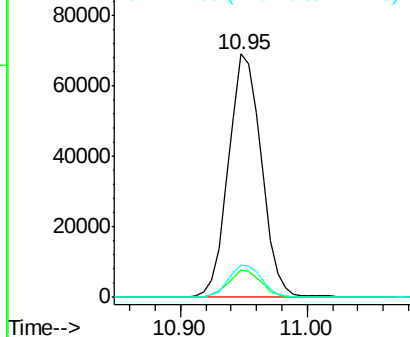
Tot Ion:	128	Resp:	124242
Ion Ratio	Lower	Upper	
128	100		
129	11.2	8.6	12.8
127	13.3	10.1	15.1

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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#34

2-Methylnaphthalene

Concen: 21.01 ng/ul

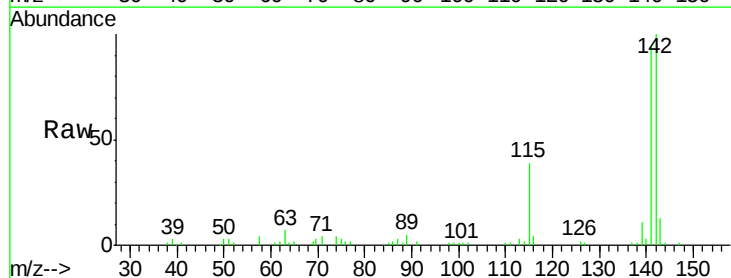
RT: 12.55 min Scan# 1653

Delta R.T. 0.00 min

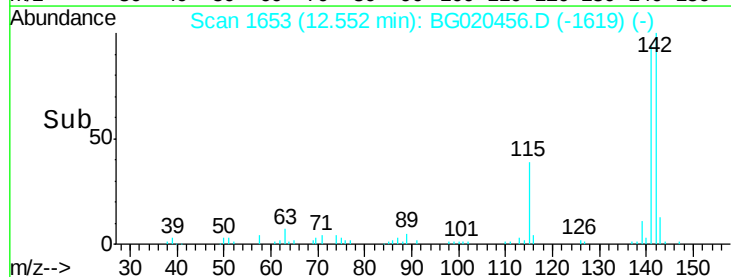
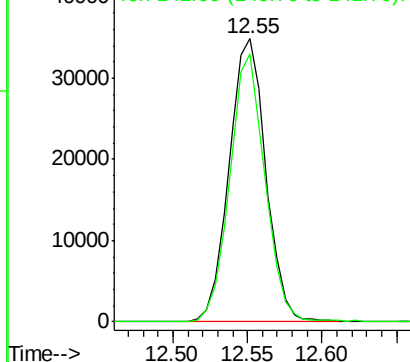
Lab File: BG020456.D

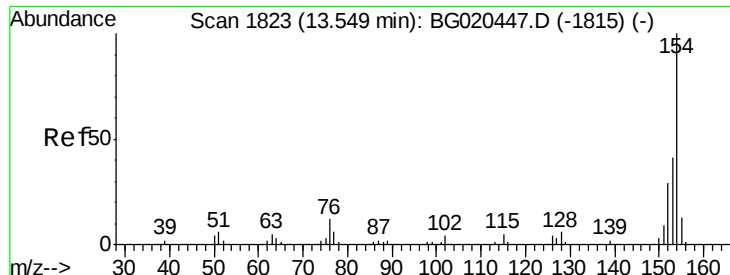
Acq: 23 Dec 2015 23:25

Tgt Ion:	142	Resp:	59788
Ion Ratio	Lower	Upper	
142	100		
141	94.5	74.9	112.3



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E





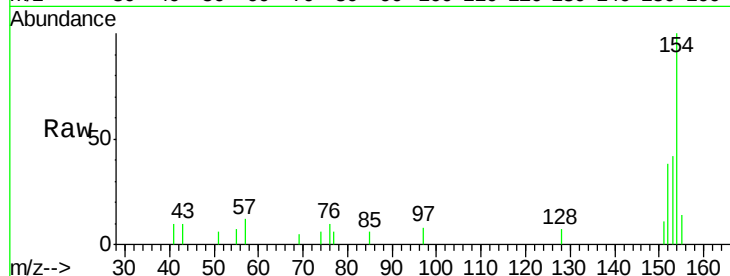
#41
 1,1'-Biphenyl
 Concen: 1.29 ng/ul
 RT: 13.55 min Scan# 1823
 Delta R.T. 0.00 min
 Lab File: BG020456.D
 Acq: 23 Dec 2015 23:25

Instrument :
 BNA_G
 ClientSampleId :
 G9BN9MEDL

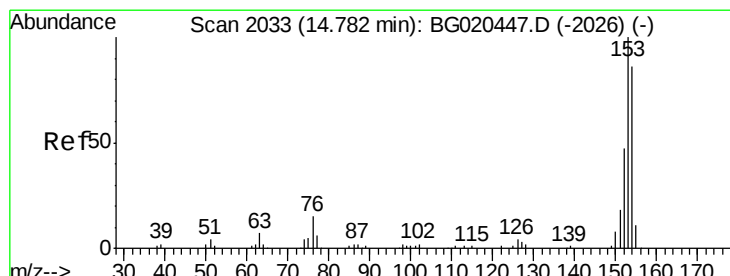
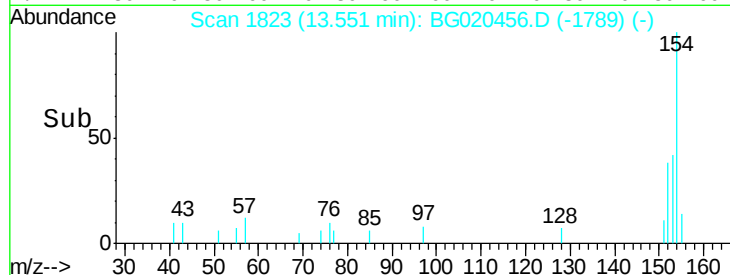
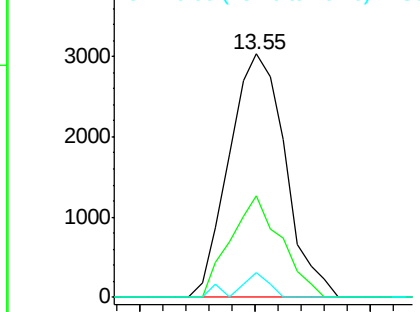
Tot Ion	Ratio	Lower	Upper
154	100		
153	41.9	35.5	53.3
76	10.1	10.4	15.6

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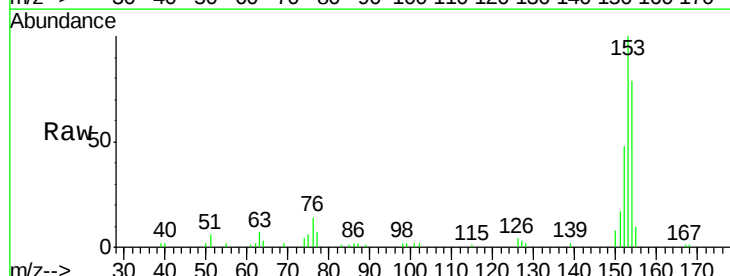


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): B

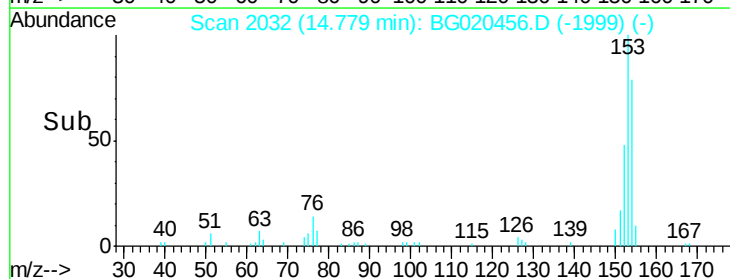
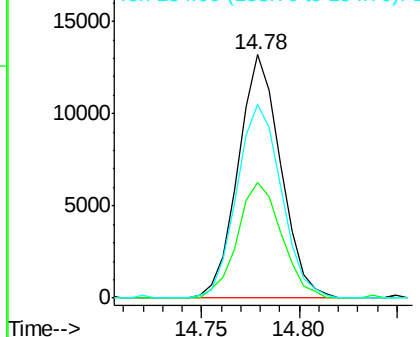


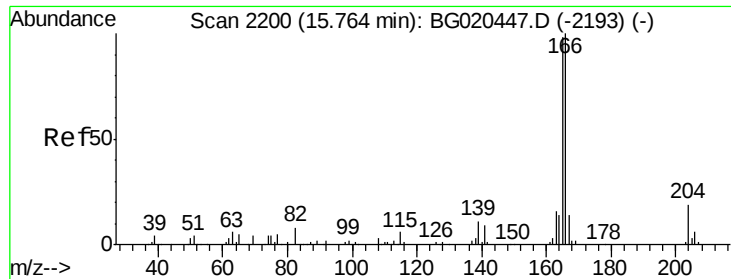
#50
 Acenaphthene
 Concen: 5.65 ng/ul
 RT: 14.78 min Scan# 2032
 Delta R.T. -0.00 min
 Lab File: BG020456.D
 Acq: 23 Dec 2015 23:25

Tgt Ion	Ratio	Lower	Upper
153	100		
152	47.6	37.6	56.4
154	79.5	67.9	101.9



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: 2.76 ng/ul

RT: 15.76 min Scan# 2199

Delta R.T. -0.00 min

Lab File: BG020456.D

Acq: 23 Dec 2015 23:25

Instrument :

BNA_G

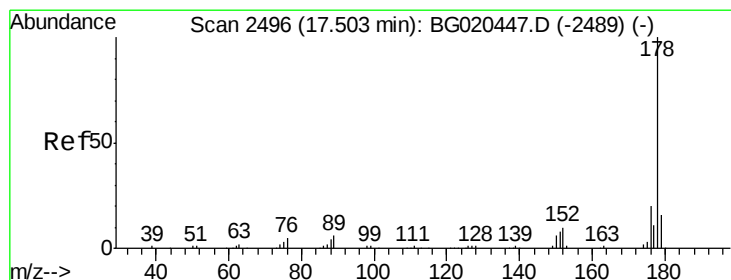
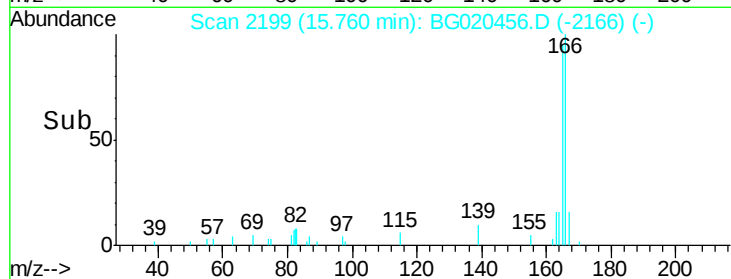
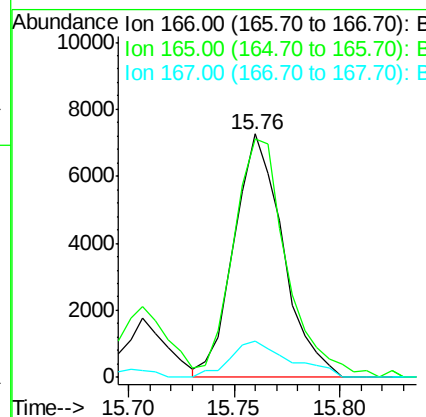
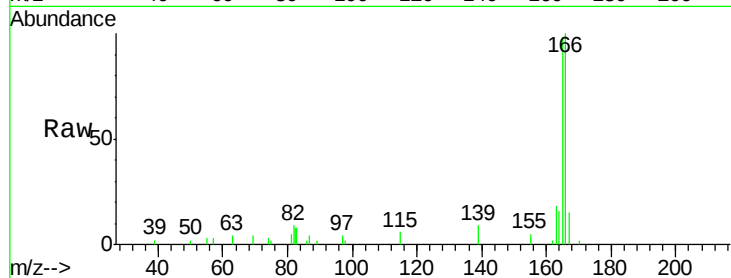
ClientSampleId :

G9BN9MEDL

Tot Ion:	166	Resp:	11654
Ion Ratio	Lower	Upper	
166	100		
165	97.9	81.4	122.0
167	15.0	11.2	16.8

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#70

Phenanthrene

Concen: 8.58 ng/ul

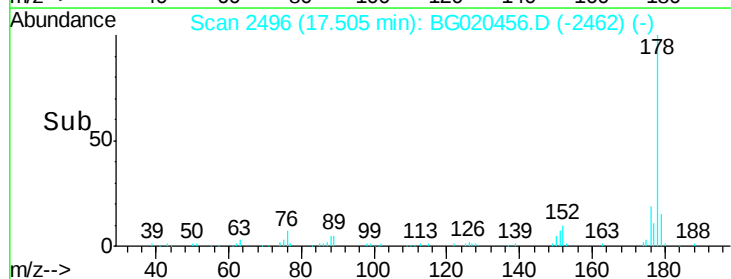
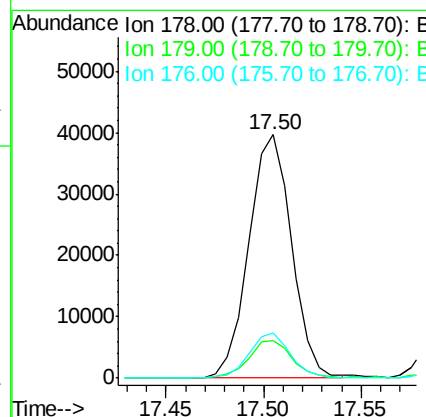
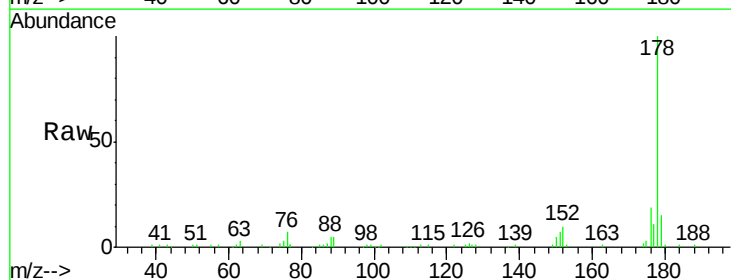
RT: 17.50 min Scan# 2496

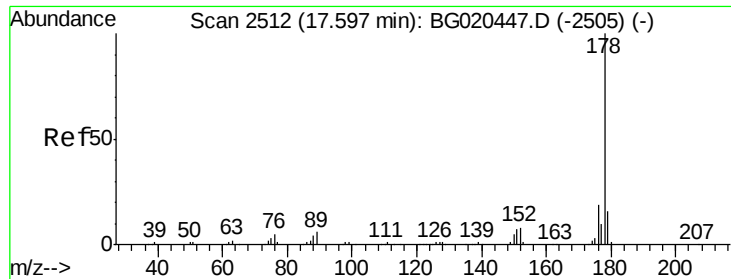
Delta R.T. 0.00 min

Lab File: BG020456.D

Acq: 23 Dec 2015 23:25

Tgt Ion:	178	Resp:	60038
Ion Ratio	Lower	Upper	
178	100		
179	15.2	12.9	19.3
176	18.6	15.3	22.9





#72

Anthracene

Concen: 1.98 ng/ul

RT: 17.59 min Scan# 2511

Delta R.T. -0.00 min

Lab File: BG020456.D

Acq: 23 Dec 2015 23:25

Instrument :

BNA_G

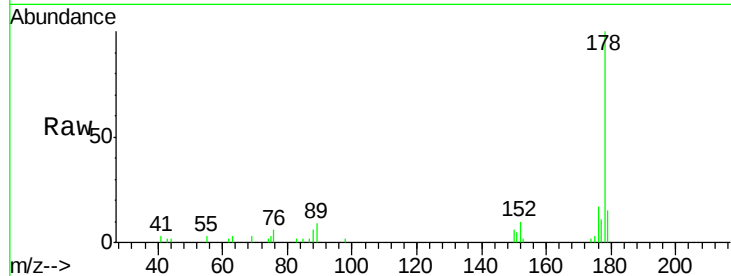
ClientSampleId :

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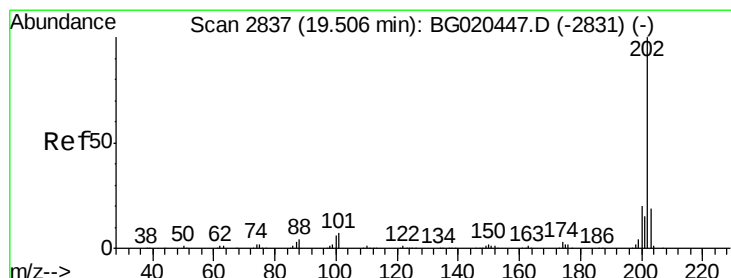
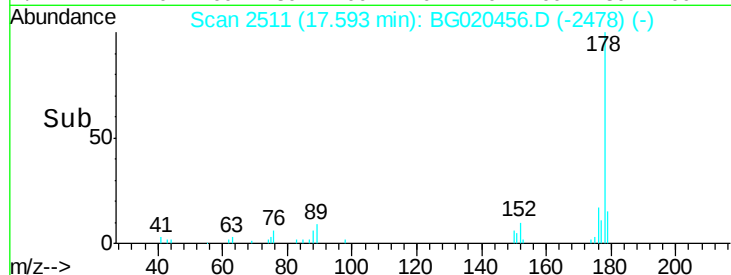
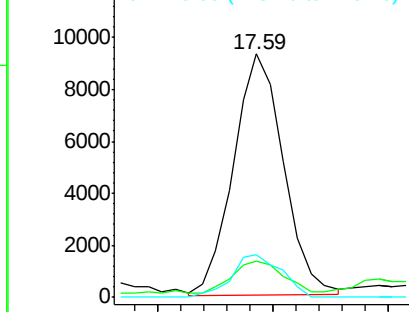
Tot Ion:	178	Resp:	14080
Ion Ratio	Lower	Upper	
178	100		
179	14.8	12.3	18.5
176	17.3	14.3	21.5

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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



#77

Fluoranthene

Concen: 2.48 ng/ul

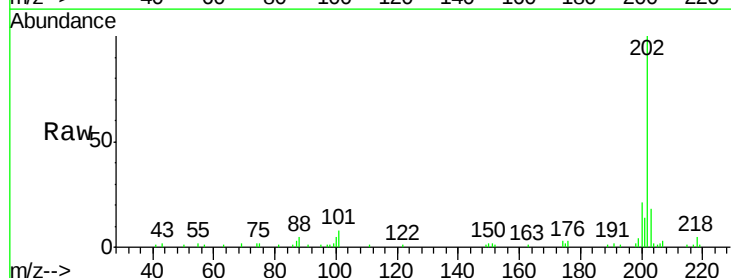
RT: 19.51 min Scan# 2837

Delta R.T. 0.00 min

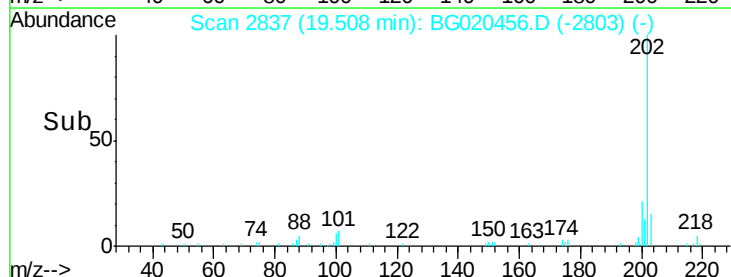
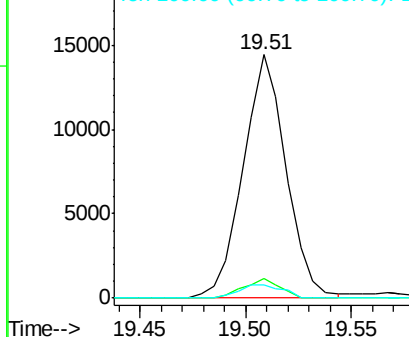
Lab File: BG020456.D

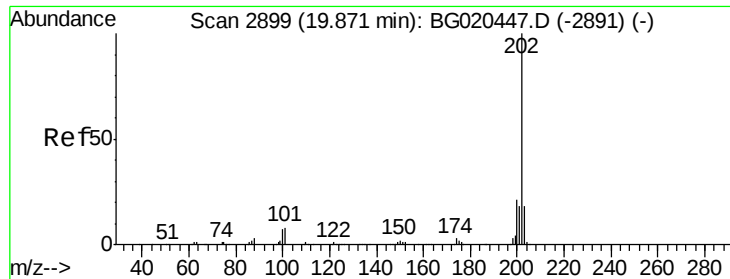
Acq: 23 Dec 2015 23:25

Tgt Ion:	202	Resp:	20309
Ion Ratio	Lower	Upper	
202	100		
101	8.0	6.2	9.4
100	5.4	5.1	7.7



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





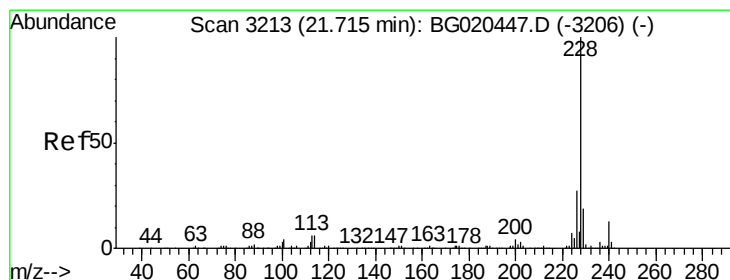
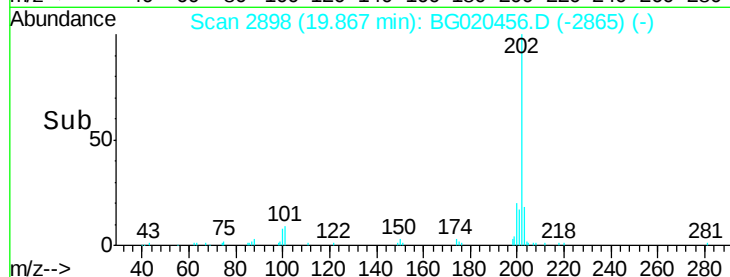
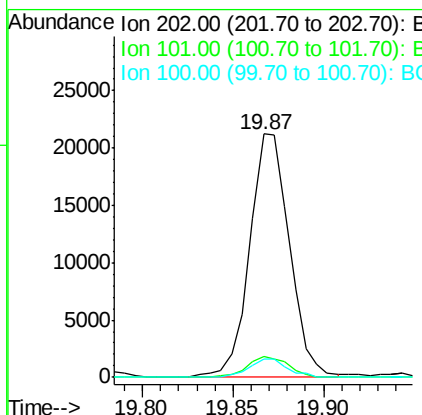
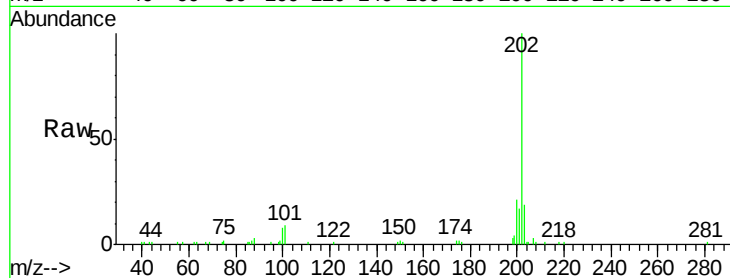
#80
Pvrene
Concen: 3.37 ng/ul
RT: 19.87 min Scan# 2898
Delta R.T. -0.00 min
Lab File: BG020456.D
Acq: 23 Dec 2015 23:25

Instrument :
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ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
202	100		
101	8.6	7.0	10.4
100	7.7	6.4	9.6

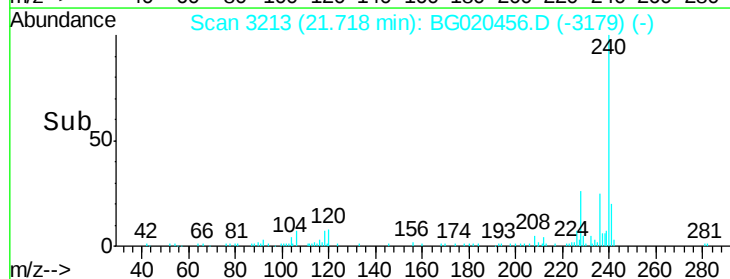
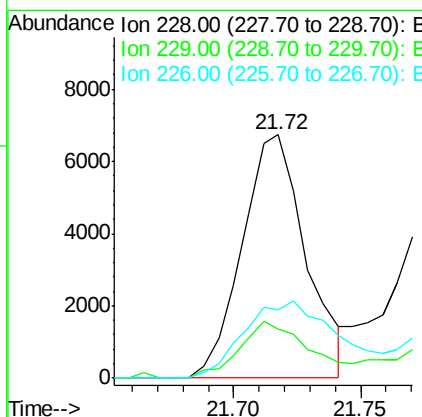
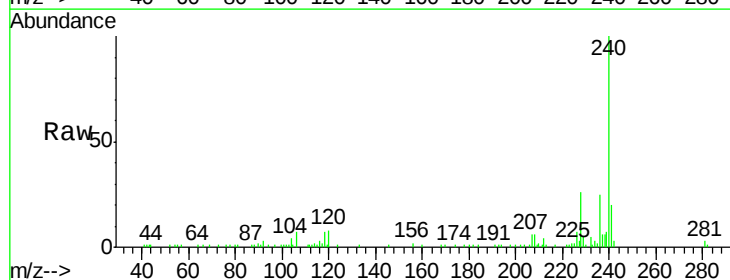
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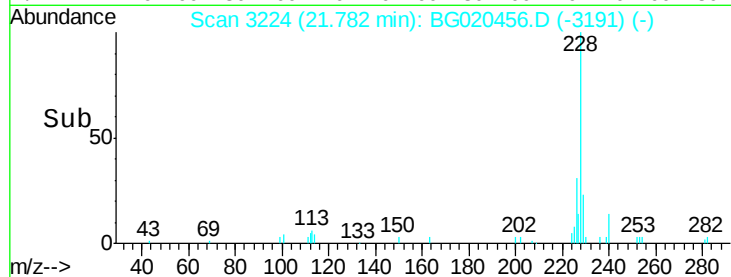
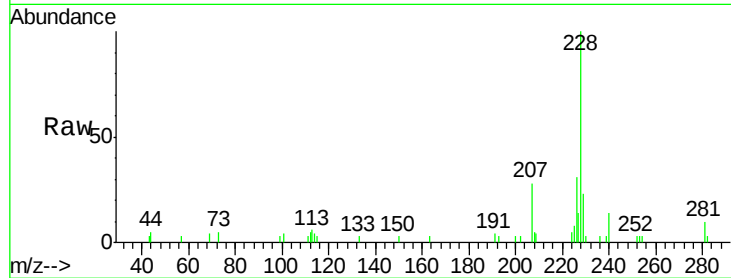
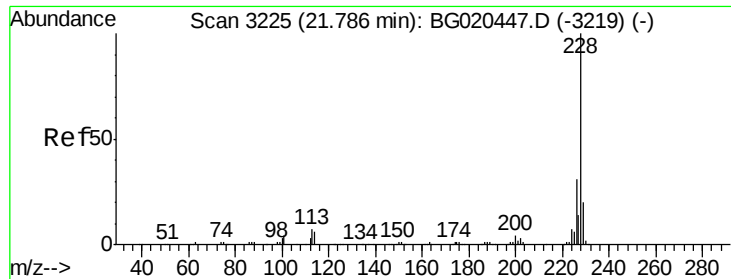
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#83
Benzo(a)anthracene
Concen: 1.27 ng/ul
RT: 21.72 min Scan# 3213
Delta R.T. 0.00 min
Lab File: BG020456.D
Acq: 23 Dec 2015 23:25

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.3	15.8	23.8
226	28.0	21.8	32.6





#85

Chrvsene

Concen: 1.18 ng/ul

RT: 21.78 min Scan# 3224

Delta R.T. -0.00 min

Lab File: BG020456.D

Acq: 23 Dec 2015 23:25

Tot Ion:	228	Resp:	10306
Ion Ratio	Lower	Upper	
228	100		
226	31.5	23.9	35.9
229	23.0	15.6	23.4

Instrument :

BNA_G

ClientSampleId :

G9BN9MEDL

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