

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092315\
 Data File : BG018857.D
 Acq On : 23 Sep 2015 18:59
 Operator : UM/NP
 Sample : G3759-12
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 JHAD4

Manual Integrations
 APPROVED

MMDadoda
 9/24/2015 4:40:41 PM

Quant Time: Sep 24 06:21:47 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG091015.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Sep 24 04:11:41 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	77463	20.00	ng/ul	0.00
18) Naphthalene-d8	10.81	136	315406	20.00	ng/ul	0.01
36) Acenaphthene-d10	14.64	164	191827	20.00	ng/ul	0.01
62) Phenanthrene-d10	17.38	188	437298	20.00	ng/ul	0.01
78) Chrysene-d12	21.63	240	566256	20.00	ng/ul	0.00
86) Perylene-d12	24.82	264	579819	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.43	96	7008m	4.35	ng/uL	0.00
5) Phenol-d5	7.16	99	151411	23.80	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.32	67	100689	27.32	ng/ul	0.00
9) 2-Chlorophenol-d4	7.53	132	124718	25.89	ng/ul	0.00
13) 4-Methylphenol-d8	8.70	113	118491	22.96	ng/ul	0.00
19) Nitrobenzene-d5	9.16	128	65151	27.26	ng/ul	0.00
22) 2-Nitrophenol-d4	9.89	143	69788	29.04	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.43	165	130086	25.71	ng/ul	0.00
29) 4-Chloroaniline-d4	10.93	131	291383	49.50	ng/ul	0.00
44) Dimethylphthalate-d6	14.03	166	346806	22.46	ng/ul	0.00
47) Acenaphthylene-d8	14.33	160	454572	24.85	ng/ul	0.01
52) 4-Nitrophenol-d4	14.83	143	82873	27.97	ng/ul	0.00
58) Fluorene-d10	15.63	176	308839	22.88	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.74	200	33275	16.08	ng/ul	0.00
71) Anthracene-d10	17.48	188	468991	24.36	ng/ul	0.00
79) Pyrene-d10	19.76	212	535637	20.56	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.60	264	557577	19.76	ng/ul	0.00

Target Compounds

					Ovalue
24) 2,4-Dimethylphenol	10.03	107	34408m	6.13	ng/ul
34) 2-Methylnaphthalene	12.47	142	82815	6.98	ng/ul
35) 1-Methylnaphthalene	12.69	142	103989	9.15	ng/ul#
41) 1,1'-Biphenyl	13.47	154	26149	1.80	ng/ul
45) Dimethylphthalate	14.08	163	158101	10.56	ng/ul#
59) Fluorene	15.68	166	79541	5.12	ng/ul#
70) Phenanthrene	17.42	178	134943	6.07	ng/ul#
77) Fluoranthene	19.42	202	36520	1.48	ng/ul#
80) Pvrene	19.79	202	45895	1.38	ng/ul

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

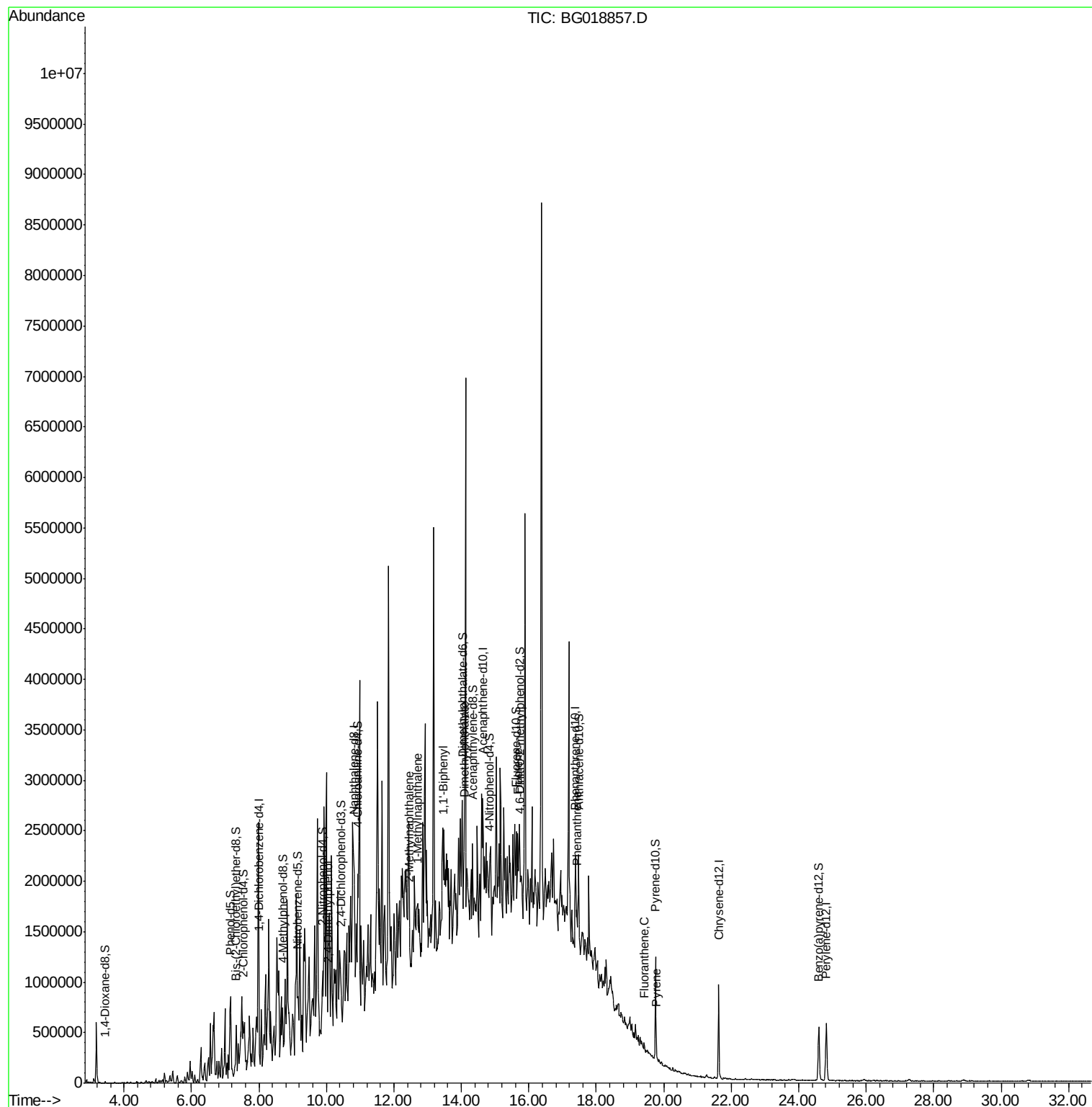
Data Path : Z:\HPCHEM1\BNA G\DATA\BG092315\
Data File : BG018857.D
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Misc :
ALS Vial : 13 Sample Multiplier: 1

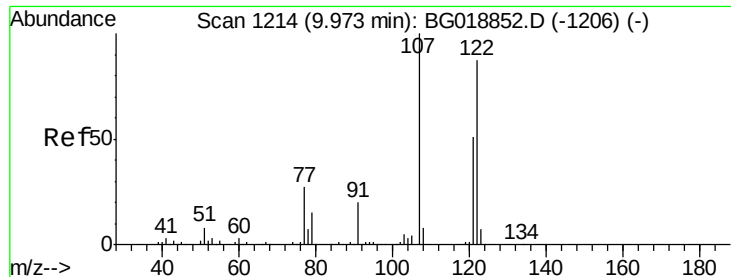
Instrument :
BNA_G
ClientSampleId :
JHAD4

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Quant Time: Sep 24 06:21:47 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG091015.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 24 04:11:41 2015
Response via : Initial Calibration





#24

2,4-Dimethylphenol

Concen: 6.13 ng/ul m

RT: 10.03 min Scan# 1224

Delta R.T. 0.06 min

Lab File: BG018857.D

Acq: 23 Sep 2015 18:59

Instrument :

BNA_G

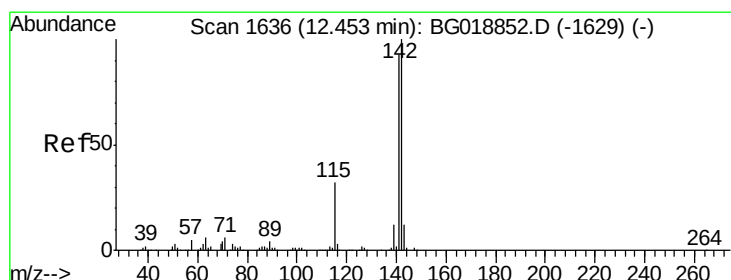
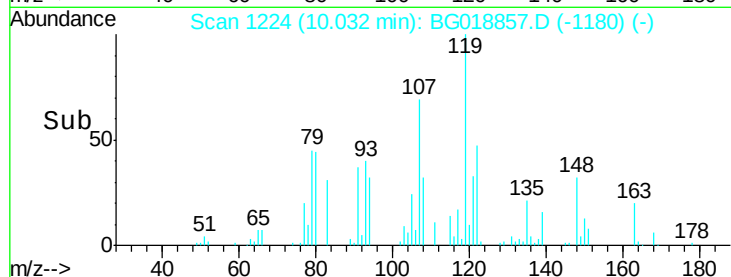
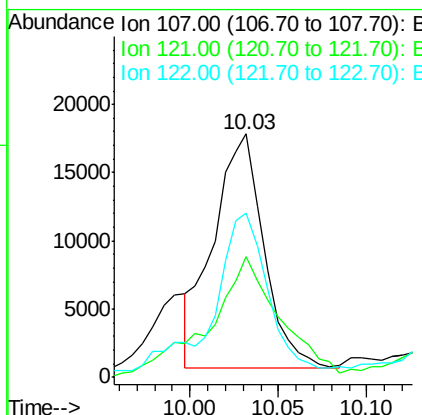
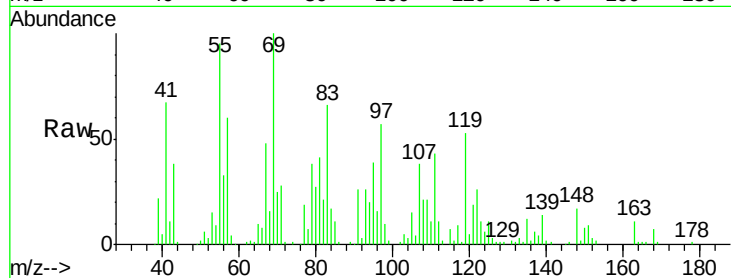
ClientSampleId :

JHAD4

Tot Ion	Ratio	Lower	Upper
107	100		
121	49.5	41.3	61.9
122	67.5	71.9	107.9#

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#34

2-Methylnaphthalene

Concen: 6.98 ng/ul

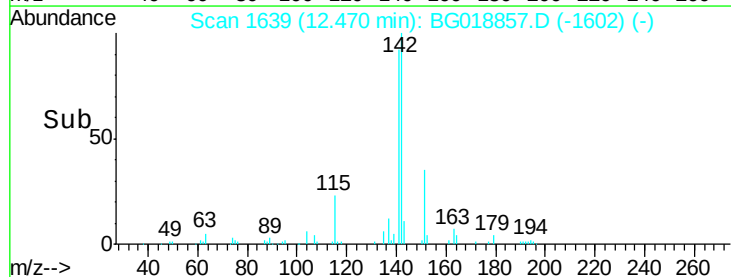
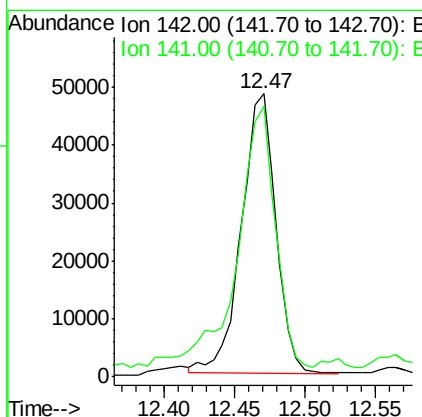
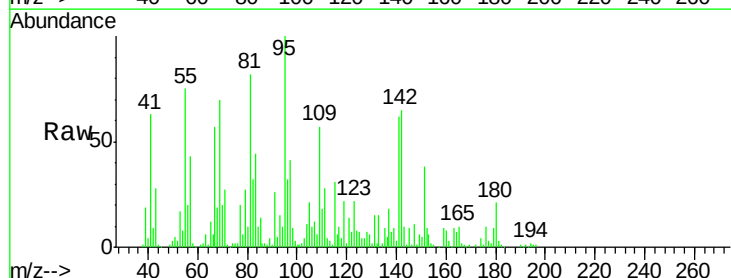
RT: 12.47 min Scan# 1639

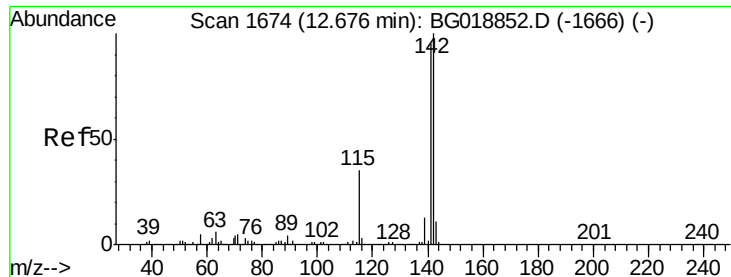
Delta R.T. 0.02 min

Lab File: BG018857.D

Acq: 23 Sep 2015 18:59

Tgt Ion	Ratio	Lower	Upper
142	100		
141	95.8	78.0	117.0





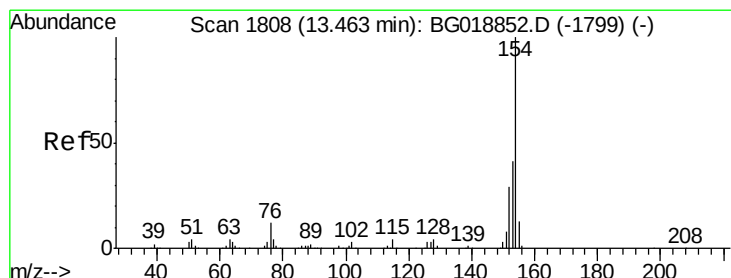
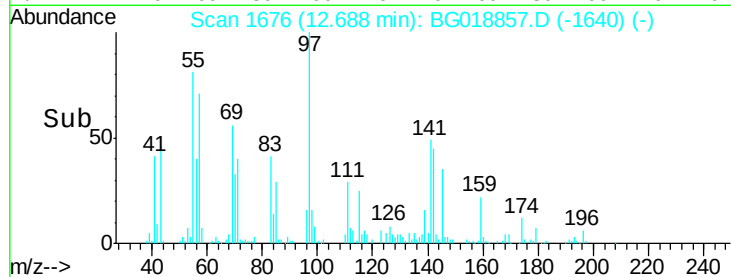
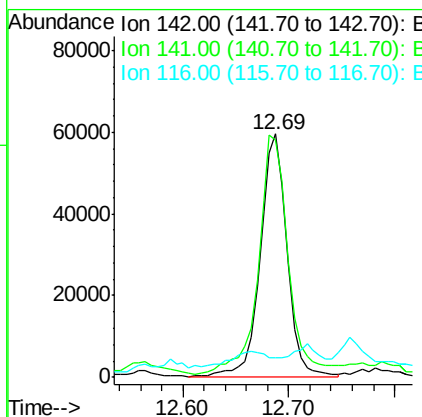
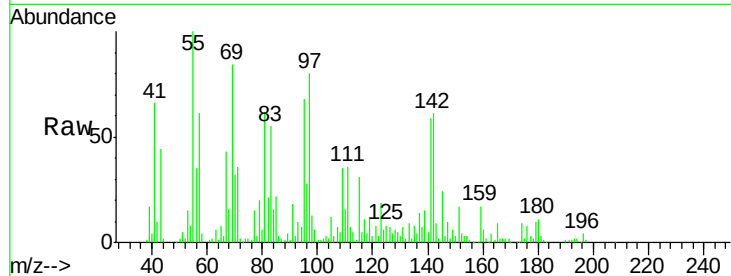
#35
 1-Methylnaphthalene
 Concen: 9.15 ng/ul
 RT: 12.69 min Scan# 1676
 Delta R.T. 0.01 min
 Lab File: BG018857.D
 Acq: 23 Sep 2015 18:59

Instrument :
 BNA_G
 ClientSampleId :
 JHAD4

Tot Ion	Ratio	Resp	Lower	Upper
142	100			
141	97.2	77.1	115.7	
116	8.2	3.5	5.3#	

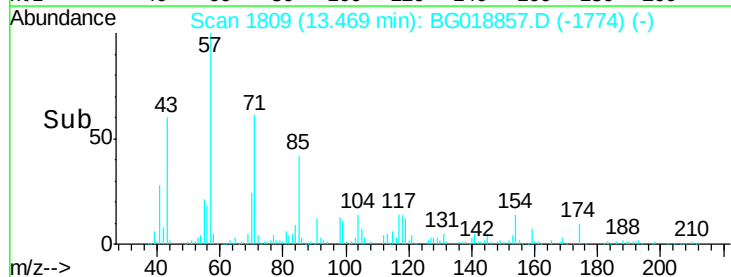
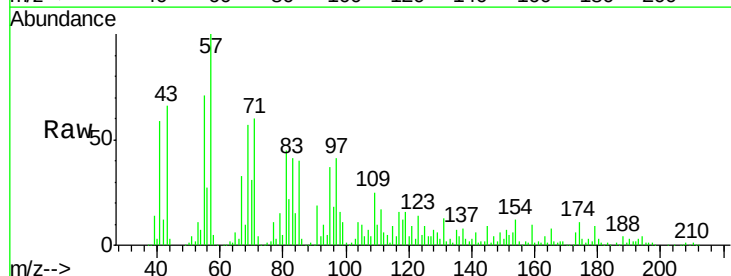
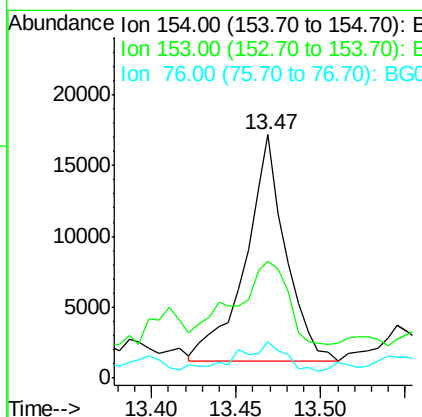
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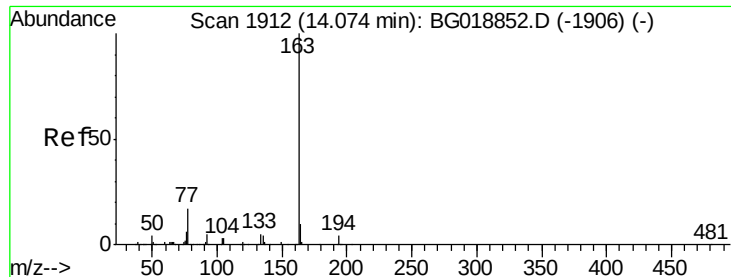
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#41
 1,1'-Biphenyl
 Concen: 1.80 ng/ul
 RT: 13.47 min Scan# 1809
 Delta R.T. 0.01 min
 Lab File: BG018857.D
 Acq: 23 Sep 2015 18:59

Tgt Ion	Ratio	Resp	Lower	Upper
154	100			
153	48.1	35.2	52.8	
76	14.9	10.6	16.0	





#45

Dimethylphthalate

Concen: 10.56 ng/ul

RT: 14.08 min Scan# 1913

Delta R.T. 0.01 min

Lab File: BG018857.D

Acq: 23 Sep 2015 18:59

Instrument :

BNA_G

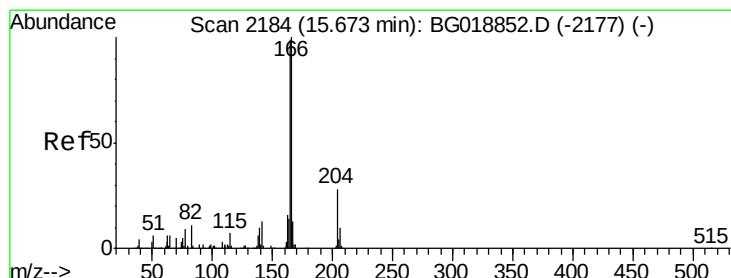
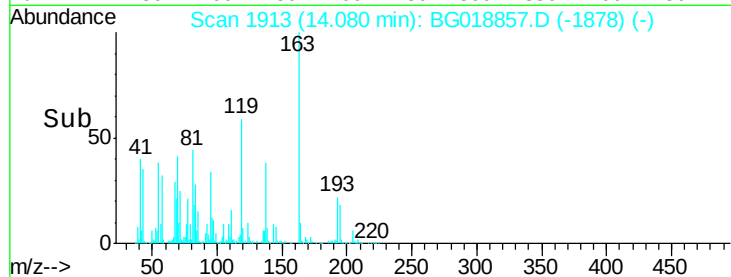
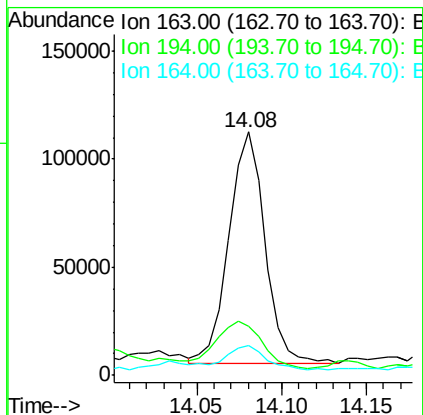
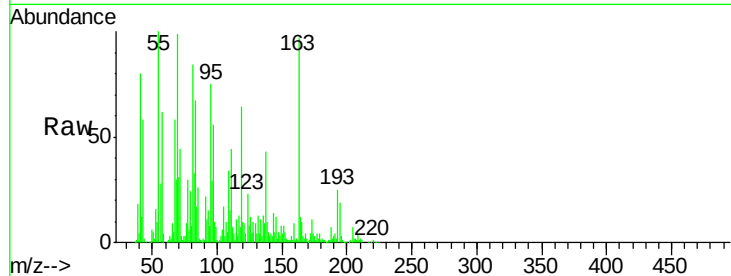
ClientSampleId :

JHAD4

Tot Ion:	163	Resp:	158101
Ion Ratio		Lower	Upper
163	100		
194	20.0	2.9	4.3#
164	12.5	7.7	11.5#

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#59

Fluorene

Concen: 5.12 ng/ul

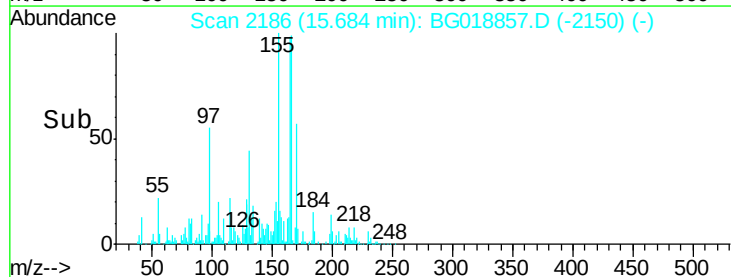
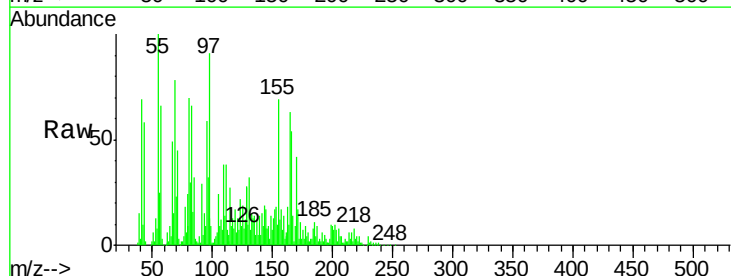
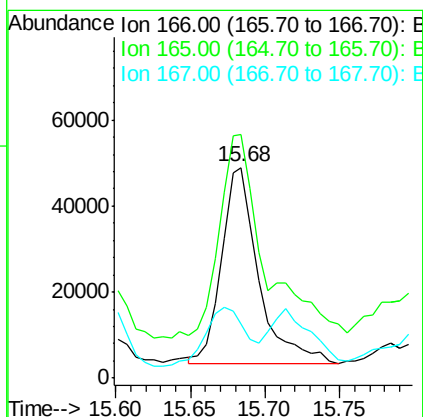
RT: 15.68 min Scan# 2186

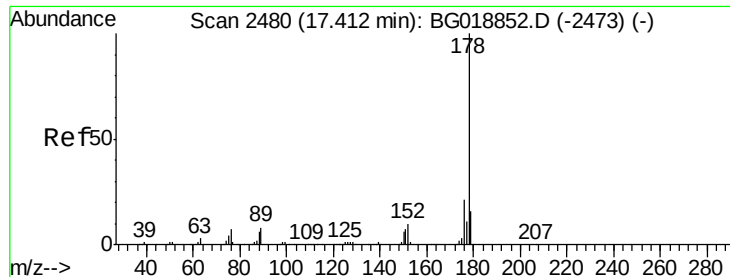
Delta R.T. 0.01 min

Lab File: BG018857.D

Acq: 23 Sep 2015 18:59

Tgt Ion:	166	Resp:	79541
Ion Ratio		Lower	Upper
166	100		
165	115.7	82.6	124.0
167	25.5	11.4	17.0#





#70

Phenanthrene

Concen: 6.07 ng/ul

RT: 17.42 min Scan# 2482

Delta R.T. 0.01 min

Lab File: BG018857.D

Acq: 23 Sep 2015 18:59

Instrument :

BNA_G

ClientSampleId :

JHAD4

Tot Ion:178 Resp: 134943

Ion Ratio Lower Upper

178 100

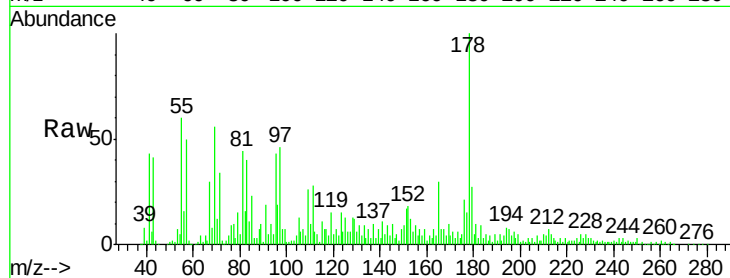
179 27.3 13.7 20.5#

176 21.2 16.6 24.8

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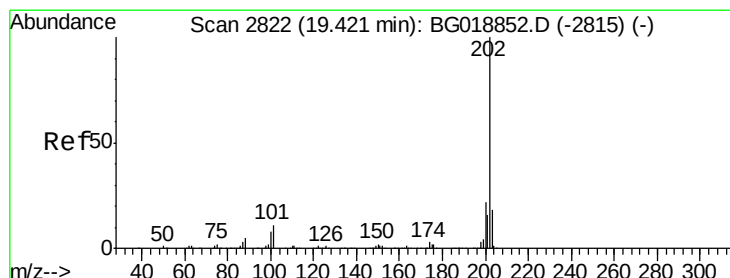
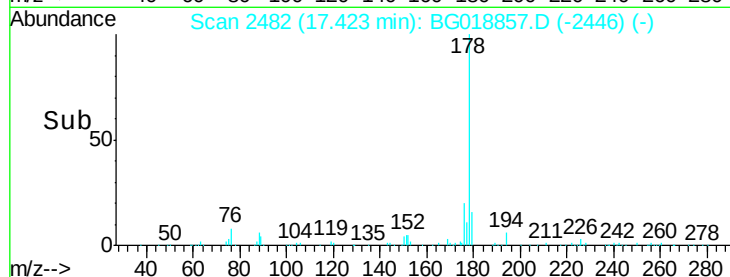
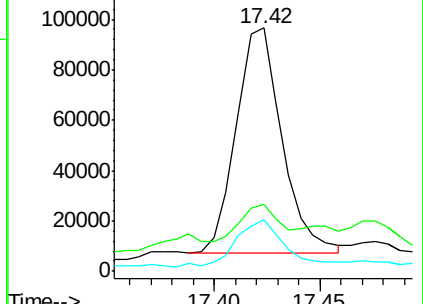
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#77

Fluoranthene

Concen: 1.48 ng/ul

RT: 19.42 min Scan# 2822

Delta R.T. -0.00 min

Lab File: BG018857.D

Acq: 23 Sep 2015 18:59

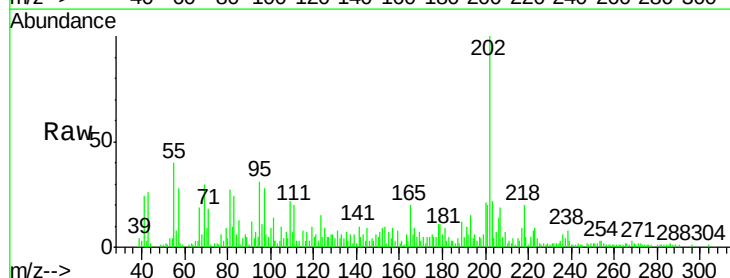
Tgt Ion:202 Resp: 36520

Ion Ratio Lower Upper

202 100

101 16.5 9.7 14.5#

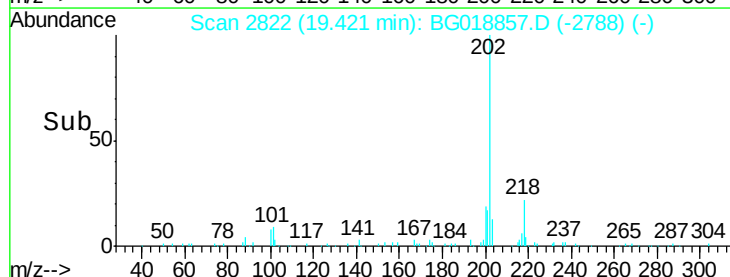
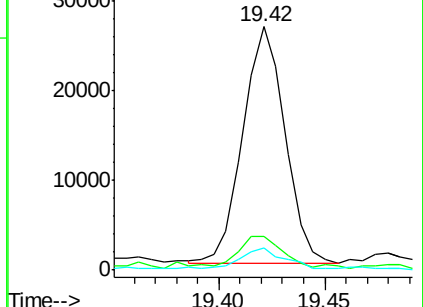
100 8.9 7.8 11.8

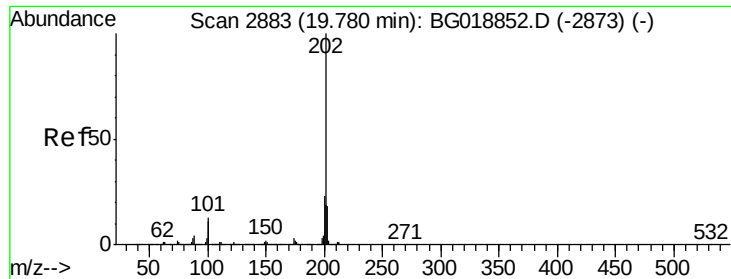


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E





#80
 Pvrene
 Concen: 1.38 ng/ul
 RT: 19.79 min Scan# 2884
 Delta R.T. 0.01 min
 Lab File: BG018857.D
 Acq: 23 Sep 2015 18:59

Instrument :
 BNA_G
 ClientSampleId :
 JHAD4

Tot Ion:	202	Resp:	45895
Ion Ratio	Lower	Upper	
202	100		
101	12.5	11.0	16.4
100	10.6	9.8	14.6

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