

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122215\
 Data File : BG020438.D
 Acq On : 23 Dec 2015 11:32
 Operator : UM/SJ
 Sample : G4768-15DL 25X
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9N39DL

Manual Integrations
 APPROVED

Sohil
 12/24/2015 5:32:24 PM

Quant Time: Dec 23 15:55:01 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG121415.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Dec 22 05:02:37 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	18737	20.00	ng/ul	0.00
18) Naphthalene-d8	10.90	136	86168	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.71	164	64425	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.46	188	162425	20.00	ng/ul	0.00
78) Chrysene-d12	21.74	240	198654	20.00	ng/ul	0.00
86) Perylene-d12	25.00	264	186799	20.00	ng/ul	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	7.25	99	397	0.24	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.40	67	913	0.93	ng/ul	-0.02
9) 2-Chlorophenol-d4	7.61	132	1175	0.98	ng/ul	-0.02
13) 4-Methylphenol-d8	8.79	113	699	0.49	ng/ul	-0.02
19) Nitrobenzene-d5	9.26	128	589	0.88	ng/ul	0.00
22) 2-Nitrophenol-d4	9.99	143	736	0.98	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.53	165	1365	0.90	ng/ul	0.00
29) 4-Chloroaniline-d4	0.00	131	0	0.00	ng/ul	
44) Dimethylphthalate-d6	14.11	166	7301	1.40	ng/ul	-0.02
47) Acenaphthylene-d8	14.42	160	7969	1.31	ng/ul	0.00
52) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
58) Fluorene-d10	15.70	176	7012	1.48	ng/ul	-0.02
63) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
71) Anthracene-d10	17.56	188	13112m	1.75	ng/ul	0.00
79) Pyrene-d10	19.84	212	13017	1.41	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.77	264	12332	1.32	ng/ul	-0.03

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
28) Naphthalene	10.95	128	95174	21.15	ng/ul	99
34) 2-Methylnaphthalene	12.55	142	6158	1.79	ng/ul	90
50) Acenaphthene	14.78	153	9180	2.12	ng/ul	95
54) Dibenzofuran	15.11	168	6891	1.07	ng/ul	98
59) Fluorene	15.76	166	7230	1.40	ng/ul#	94
70) Phenanthrene	17.50	178	25085	2.82	ng/ul	97

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

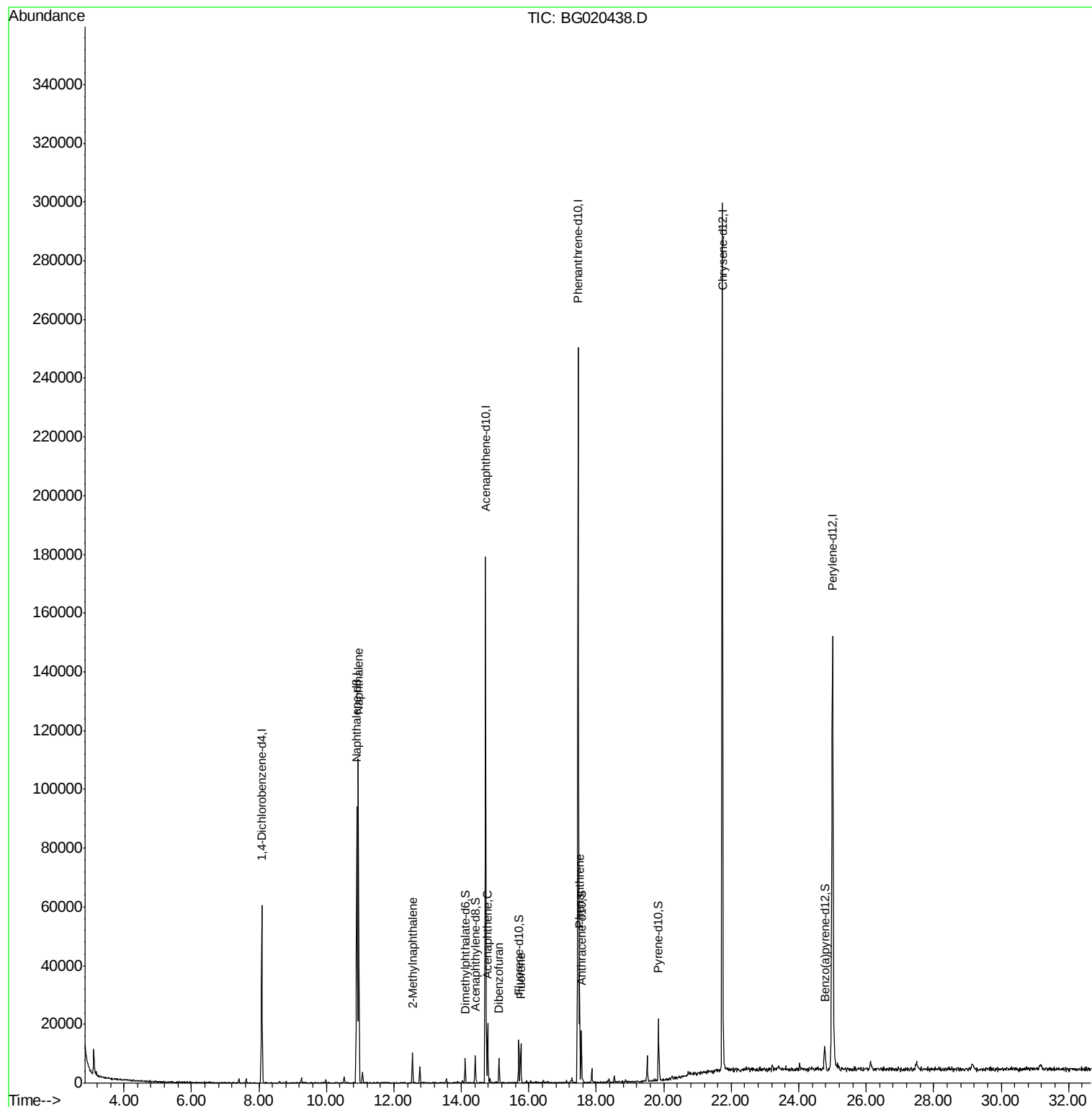
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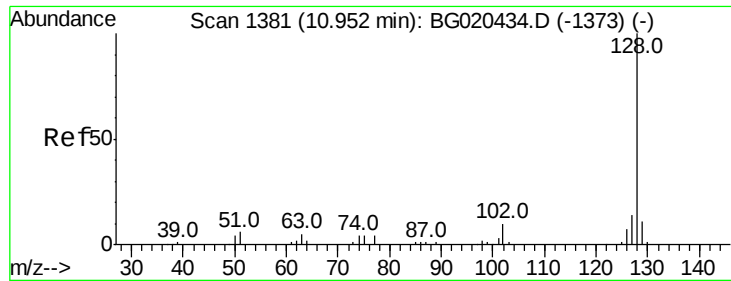
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Quant Title : SVOA CALIBRATION
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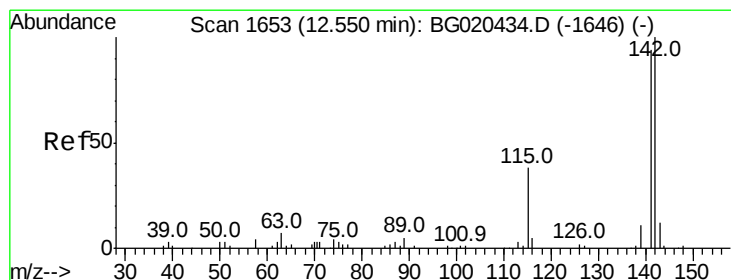
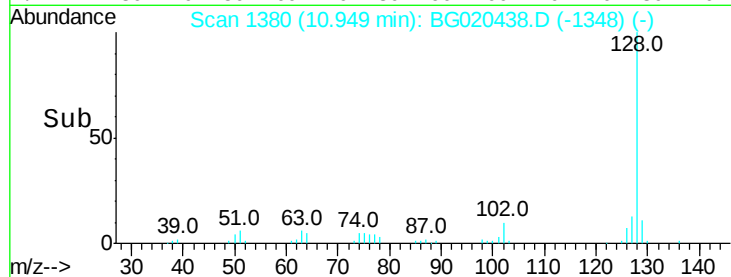
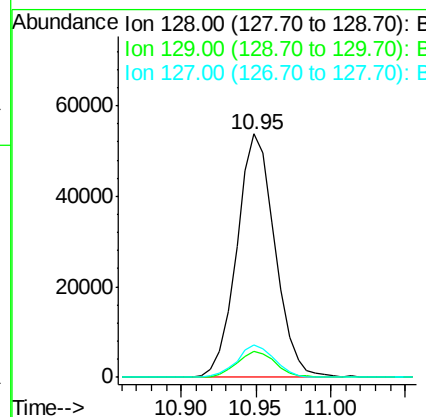
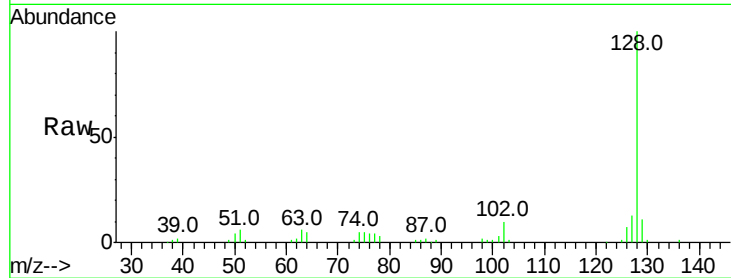
#28
Naphthalene
Concen: 21.15 ng/ul
RT: 10.95 min Scan# 1380
Delta R.T. -0.01 min
Lab File: BG020438.D
Acq: 23 Dec 2015 11:32

Instrument :
BNA_G
ClientSampleId :
D9N39DL

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.7	8.6	12.8
127	13.2	10.1	15.1

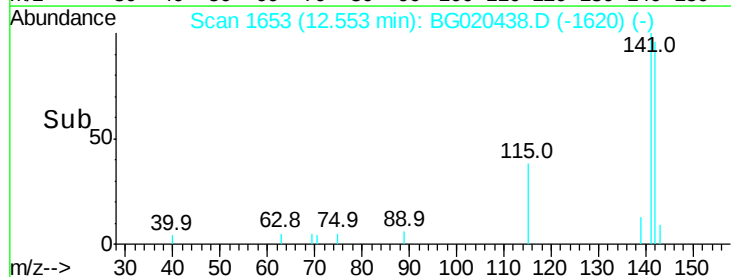
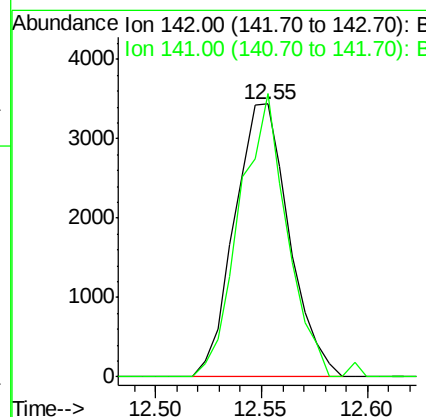
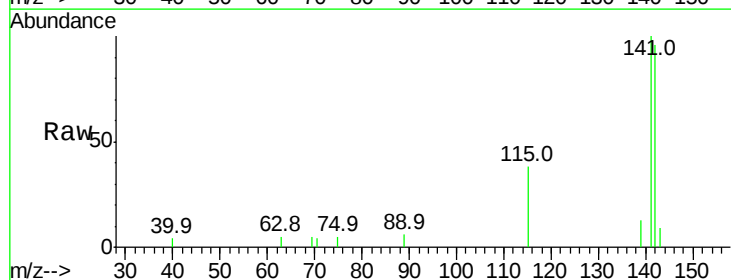
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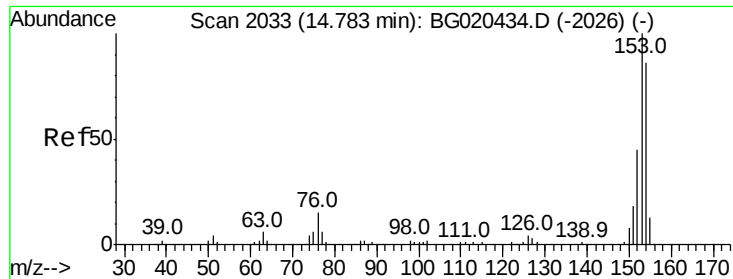
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#34
2-Methylnaphthalene
Concen: 1.79 ng/ul
RT: 12.55 min Scan# 1653
Delta R.T. -0.00 min
Lab File: BG020438.D
Acq: 23 Dec 2015 11:32

Tgt Ion	Ratio	Lower	Upper
142	100		
141	103.7	74.9	112.3





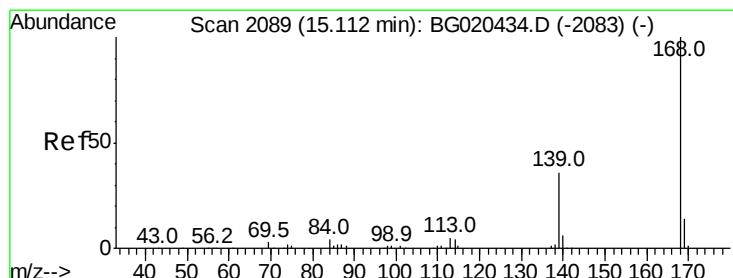
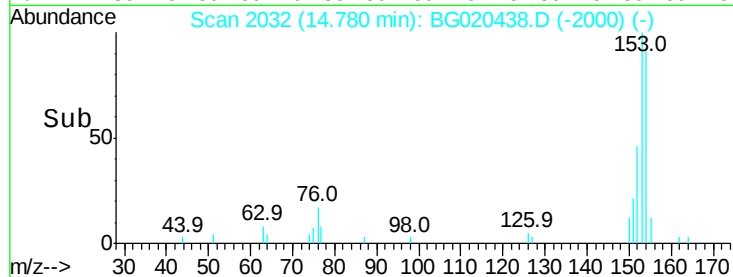
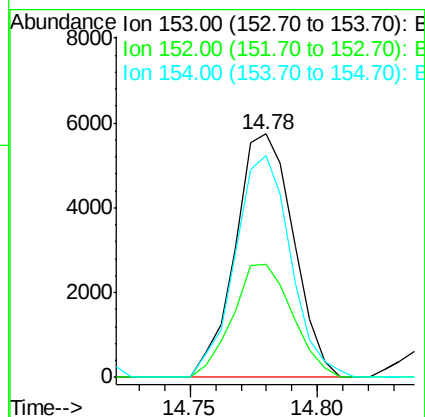
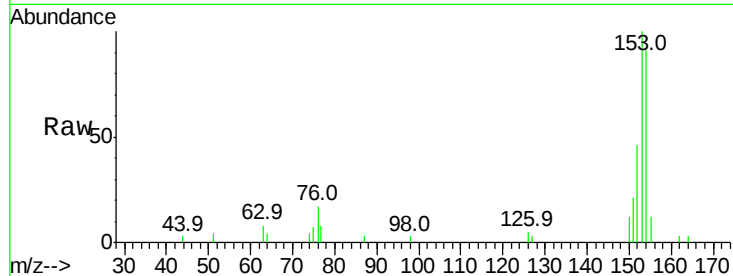
#50
Acenaphthene
Concen: 2.12 ng/ul
RT: 14.78 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BG020438.D
Acq: 23 Dec 2015 11:32

Instrument :
BNA_G
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Tot Ion	Ratio	Lower	Upper
153	100		
152	46.3	37.6	56.4
154	91.1	67.9	101.9

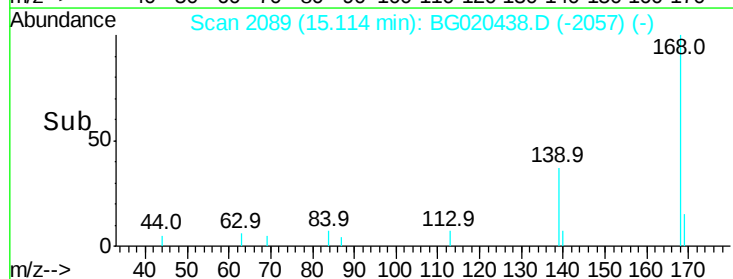
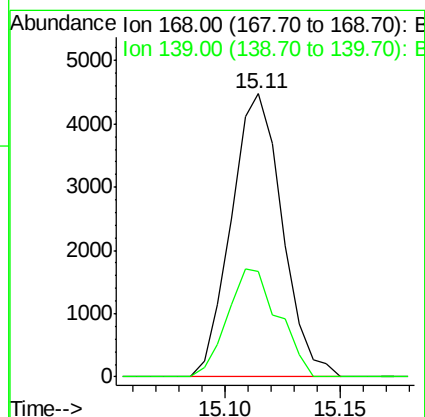
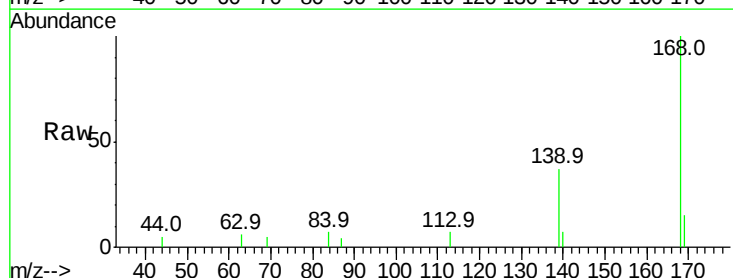
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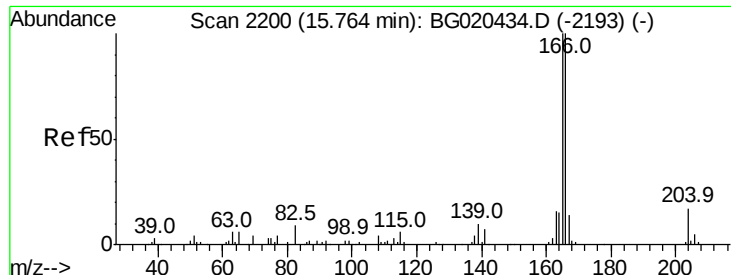
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#54
Dibenzofuran
Concen: 1.07 ng/ul
RT: 15.11 min Scan# 2089
Delta R.T. -0.01 min
Lab File: BG020438.D
Acq: 23 Dec 2015 11:32

Tgt Ion	Ratio	Lower	Upper
168	100		
139	37.2	30.5	45.7





#59

Fluorene

Concen: 1.40 ng/ul

RT: 15.76 min Scan# 2199

Delta R.T. -0.01 min

Lab File: BG020438.D

Acq: 23 Dec 2015 11:32

Instrument :

BNA_G

ClientSampleId :

D9N39DL

Tot Ion:166 Resp: 7230

Ion Ratio Lower Upper

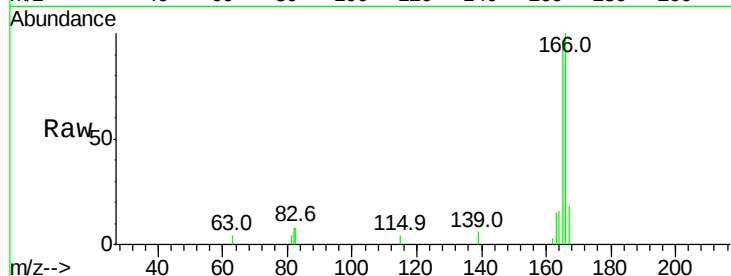
166 100

165 96.6 81.4 122.0

167 18.1 11.2 16.8#

Manual Integrations
APPROVED

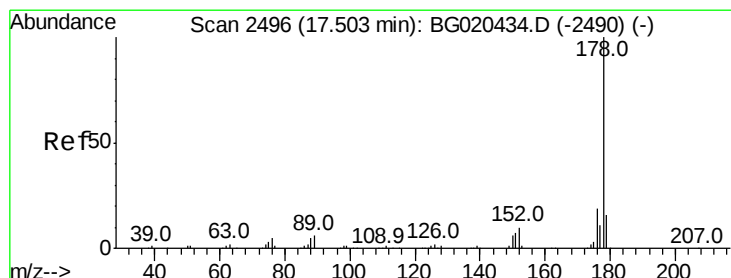
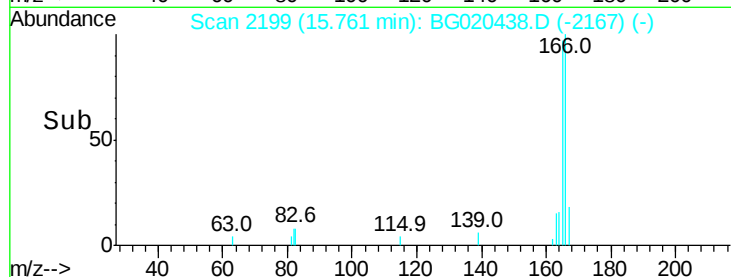
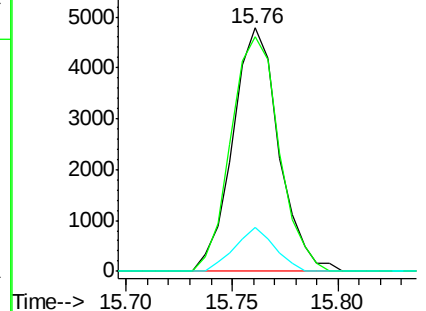
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Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#70

Phenanthrene

Concen: 2.82 ng/ul

RT: 17.50 min Scan# 2495

Delta R.T. -0.02 min

Lab File: BG020438.D

Acq: 23 Dec 2015 11:32

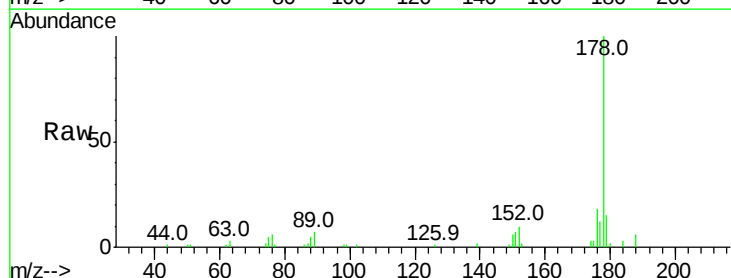
Tgt Ion:178 Resp: 25085

Ion Ratio Lower Upper

178 100

179 14.7 12.9 19.3

176 17.9 15.3 22.9



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

