

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122215\
 Data File : BG020429.D
 Acq On : 23 Dec 2015 5:28
 Operator : UM/SJ
 Sample : G4768-01DL 5X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleID :
 D9N27DL

Manual Integrations
 APPROVED

Sohil
 12/24/2015 5:32:47 PM

Quant Time: Dec 23 08:25:02 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG121415.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Dec 23 07:35:59 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	20223	20.00	ng/ul	0.00
18) Naphthalene-d8	10.90	136	88846	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.72	164	65028	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.46	188	160507m	20.00	ng/ul	0.00
78) Chrysene-d12	21.74	240	200130	20.00	ng/ul	0.00
86) Perylene-d12	25.00	264	190309	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	1351	0.76	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.40	67	4041	3.80	ng/ul	0.00
9) 2-Chlorophenol-d4	7.62	132	4379	3.38	ng/ul	0.00
13) 4-Methylphenol-d8	8.79	113	2734	1.79	ng/ul	0.00
19) Nitrobenzene-d5	9.26	128	2831	4.09	ng/ul	0.00
22) 2-Nitrophenol-d4	9.98	143	3233	4.20	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.52	165	5709	3.66	ng/ul	0.00
29) 4-Chloroaniline-d4	0.00	131	0	0.00	ng/ul	
44) Dimethylphthalate-d6	14.11	166	23983	4.56	ng/ul	0.00
47) Acenaphthylene-d8	14.41	160	27316	4.46	ng/ul	0.00
52) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
58) Fluorene-d10	15.71	176	21321	4.47	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.82	200	1971	2.07	ng/ul	0.00
71) Anthracene-d10	17.56	188	33521	4.53	ng/ul	0.00
79) Pyrene-d10	19.84	212	39038	4.19	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.77	264	26873	2.83	ng/ul	0.00

Target Compounds

						Ovalue
28) Naphthalene	10.95	128	132129	28.48	ng/ul	97
34) 2-Methylnaphthalene	12.55	142	9892	2.79	ng/ul	97
50) Acenaphthene	14.78	153	11490	2.63	ng/ul#	93
54) Dibenzofuran	15.11	168	9922	1.52	ng/ul	95
59) Fluorene	15.76	166	8559	1.64	ng/ul	87
70) Phenanthrene	17.50	178	21765	2.48	ng/ul	99

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

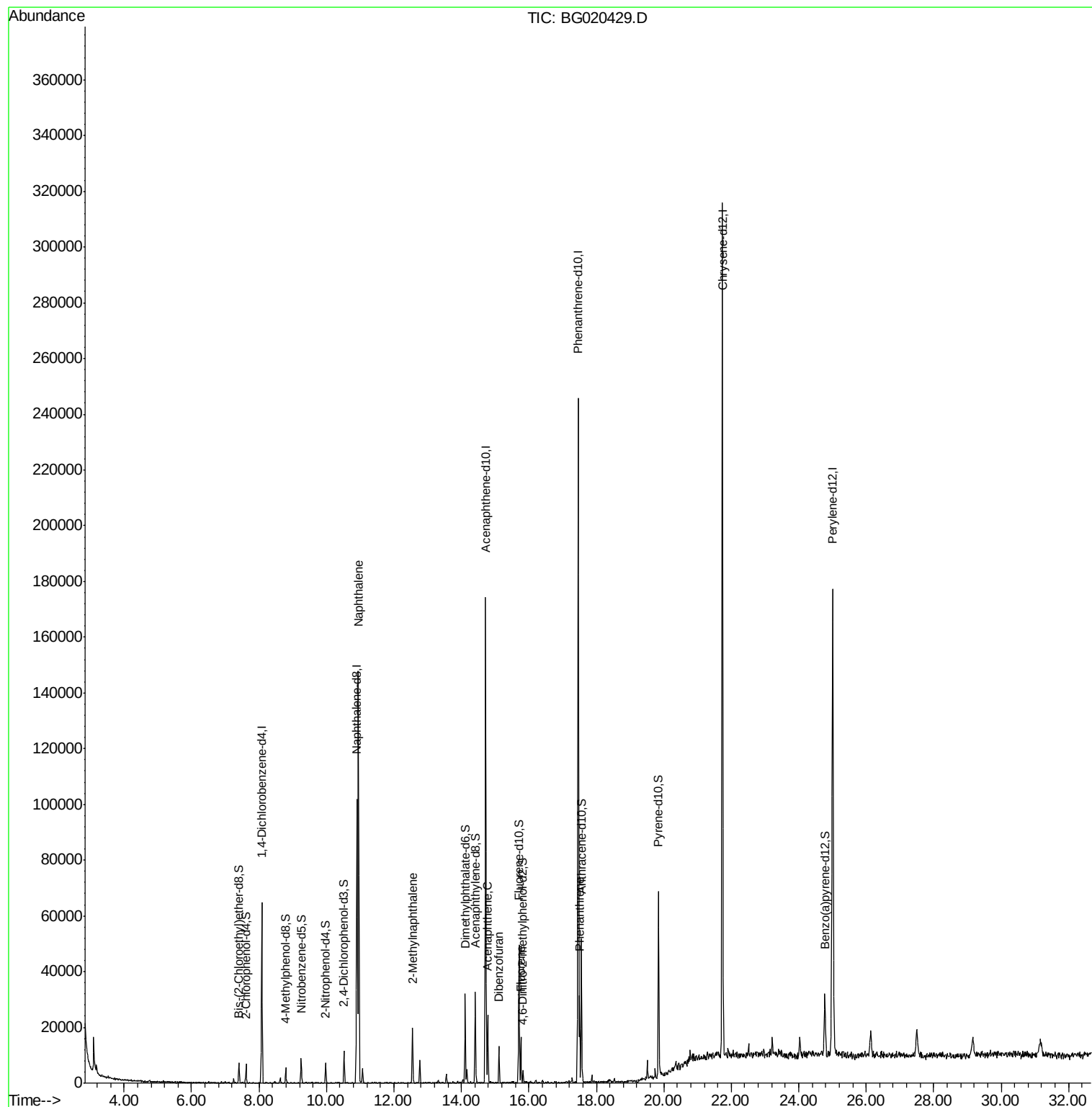
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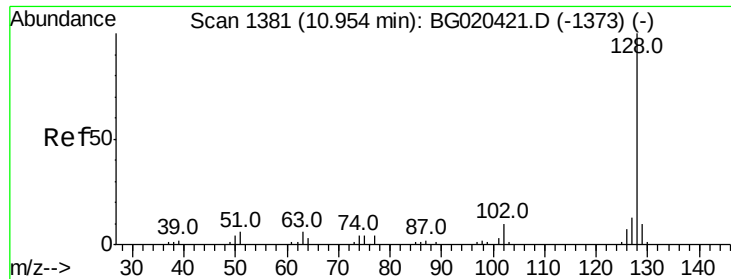
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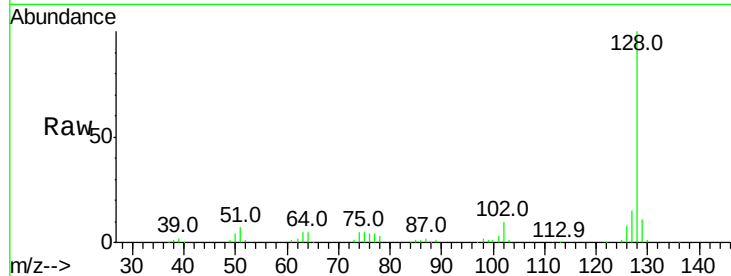
#28
Naphthalene
Concen: 28.48 ng/ul
RT: 10.95 min Scan# 1380
Delta R.T. -0.01 min
Lab File: BG020429.D
Acq: 23 Dec 2015 5:28

Instrument :
BNA_G
ClientSampleId :
D9N27DL

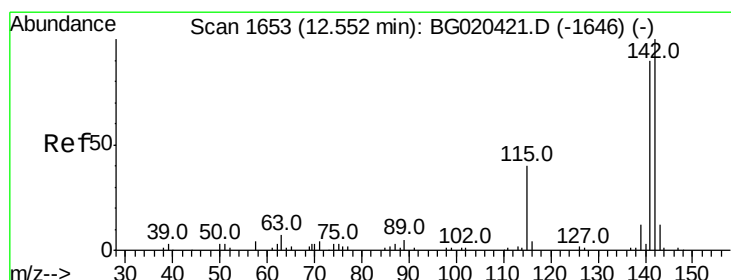
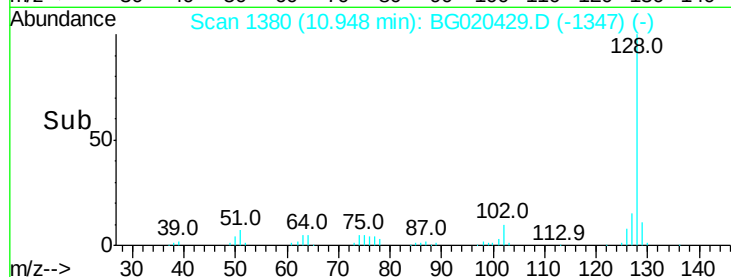
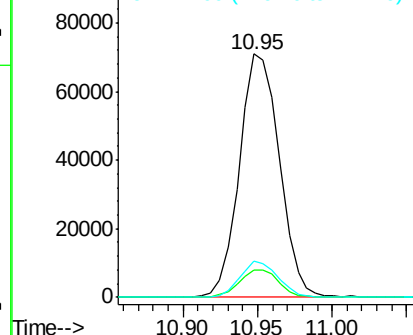
Tot Ion	Ratio	Resp Lower	Upper
128	100		
129	11.0	8.6	12.8
127	14.7	10.1	15.1

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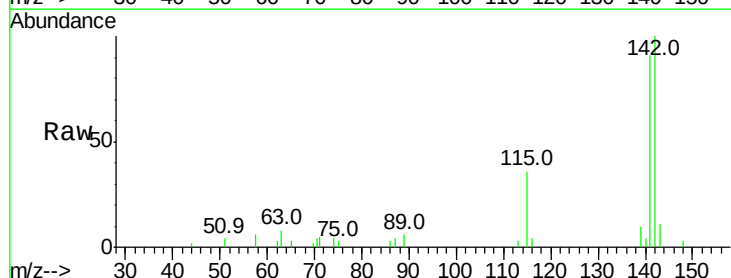


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

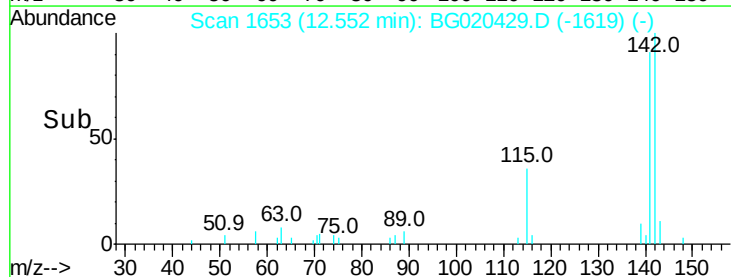
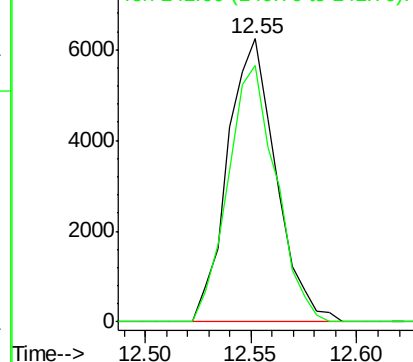


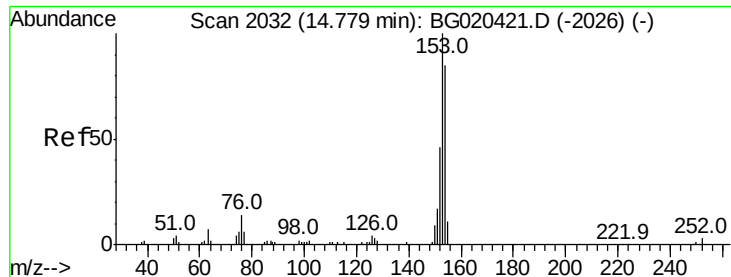
#34
2-Methylnaphthalene
Concen: 2.79 ng/ul
RT: 12.55 min Scan# 1653
Delta R.T. -0.00 min
Lab File: BG020429.D
Acq: 23 Dec 2015 5:28

Tgt Ion	Ratio	Resp Lower	Upper
142	100		
141	90.7	74.9	112.3



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





#50

Acenaphthene

Concen: 2.63 ng/ul

RT: 14.78 min Scan# 2032

Delta R.T. -0.00 min

Lab File: BG020429.D

Acq: 23 Dec 2015 5:28

Instrument :

BNA_G

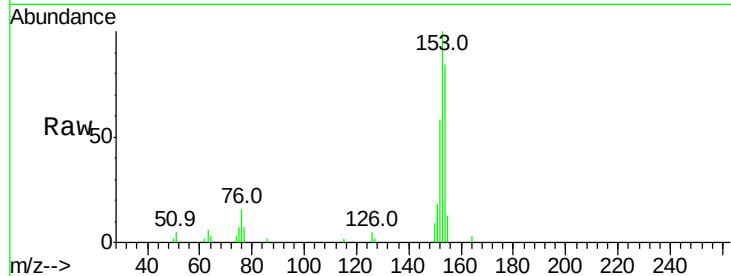
ClientSampleId :

D9N27DL

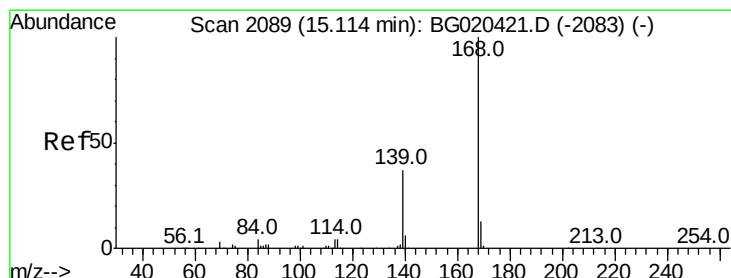
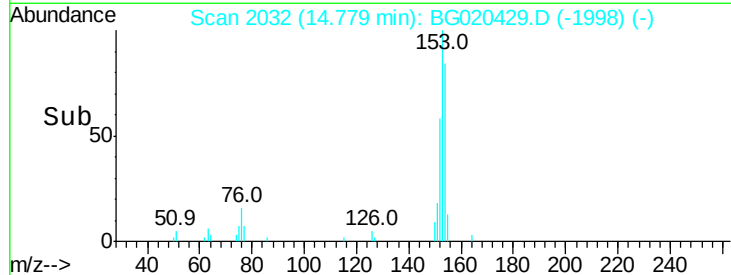
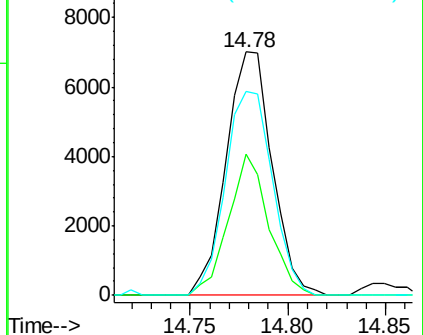
Tot Ion:	153	Resp:	11490
Ion Ratio	Lower	Upper	
153	100		
152	58.2	37.6	56.4#
154	83.6	67.9	101.9

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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



#54

Dibenzofuran

Concen: 1.52 ng/ul

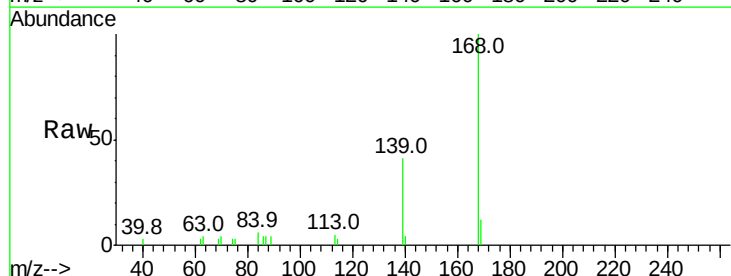
RT: 15.11 min Scan# 2089

Delta R.T. -0.00 min

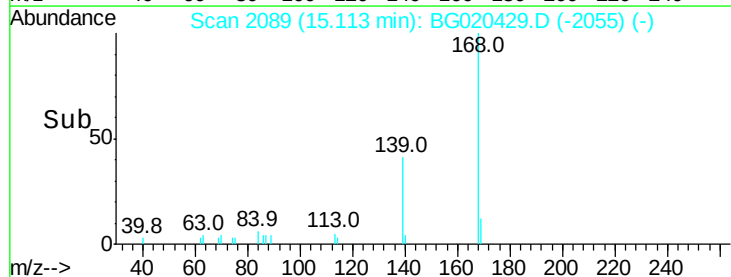
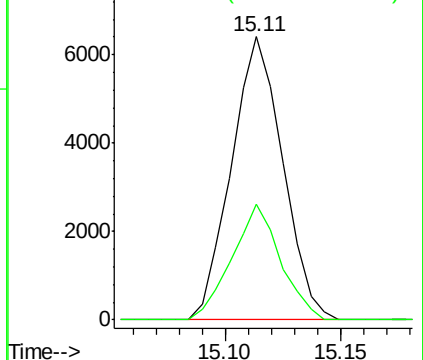
Lab File: BG020429.D

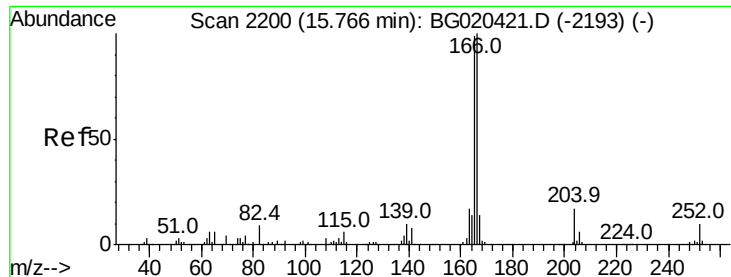
Acq: 23 Dec 2015 5:28

Tgt Ion:	168	Resp:	9922
Ion Ratio	Lower	Upper	
168	100		
139	41.0	30.5	45.7



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E





#59

Fluorene

Concen: 1.64 ng/ul

RT: 15.76 min Scan# 2199

Delta R.T. -0.01 min

Lab File: BG020429.D

Acq: 23 Dec 2015 5:28

Instrument :

BNA_G

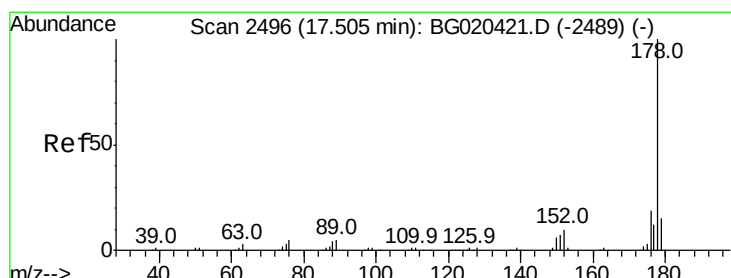
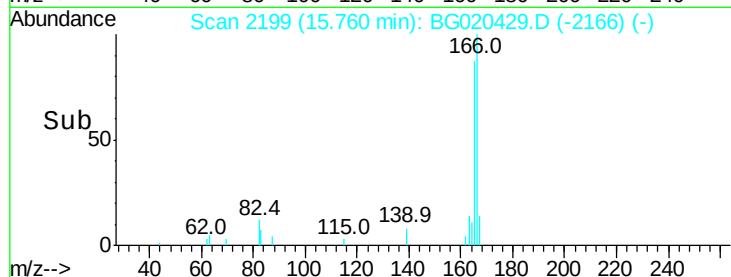
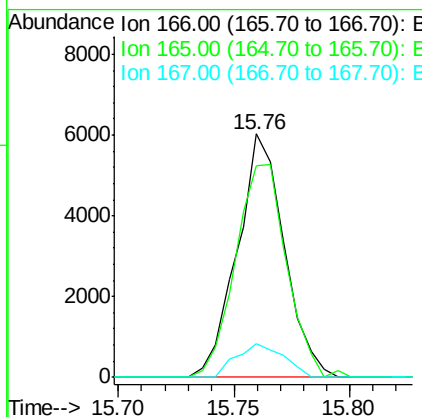
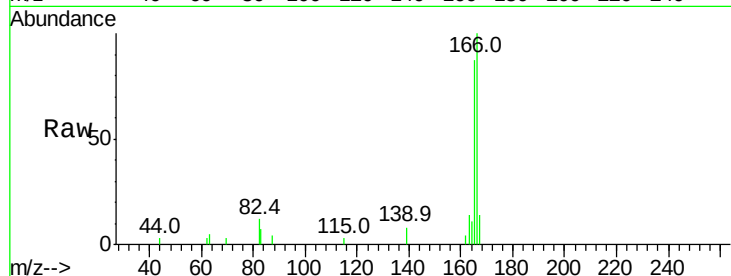
ClientSampleId :

D9N27DL

Tot Ion:	166	Resp:	8559
Ion Ratio	Lower	Upper	
166	100		
165	86.8	81.4	122.0
167	14.1	11.2	16.8

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#70

Phenanthrene

Concen: 2.48 ng/ul

RT: 17.50 min Scan# 2496

Delta R.T. -0.00 min

Lab File: BG020429.D

Acq: 23 Dec 2015 5:28

Tgt Ion:	178	Resp:	21765
Ion Ratio	Lower	Upper	
178	100		
179	15.7	12.9	19.3
176	18.2	15.3	22.9

