

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122215\
 Data File : BG020462.D
 Acq On : 24 Dec 2015 3:21
 Operator : UM/SJ
 Sample : G4848-04MEDL 20X
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9N50MEDL

Manual Integrations
 APPROVED

Sohil
 12/24/2015 5:31:30 PM

Quant Time: Dec 24 06:52:20 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	8.08	152	15615	20.00	ng/ul	0.00
18) Naphthalene-d8	10.90	136	67682	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.72	164	49029	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.46	188	123970	20.00	ng/ul	0.00
78) Chrysene-d12	21.73	240	155331	20.00	ng/ul	0.00
86) Perylene-d12	25.01	264	146964	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	7.25	99	906	0.66	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.40	67	641	0.78	ng/ul	0.00
9) 2-Chlorophenol-d4	7.61	132	904	0.90	ng/ul	0.00
13) 4-Methylphenol-d8	8.80	113	692	0.59	ng/ul	0.01
19) Nitrobenzene-d5	9.27	128	282	0.53	ng/ul	0.01
22) 2-Nitrophenol-d4	9.99	143	384	0.65	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.52	165	915	0.77	ng/ul	0.00
29) 4-Chloroaniline-d4	11.05	131	826	0.62	ng/ul	0.01
44) Dimethylphthalate-d6	14.11	166	4881	1.23	ng/ul	-0.01
47) Acenaphthylene-d8	14.41	160	5476	1.19	ng/ul	0.00
52) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
58) Fluorene-d10	15.71	176	4759	1.32	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
71) Anthracene-d10	17.56	188	7732	1.35	ng/ul	0.00
79) Pyrene-d10	19.84	212	8481	1.17	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.78	264	9059m	1.24	ng/ul	0.00

Target Compounds

						Ovalue
28) Naphthalene	10.95	128	86270	24.41	ng/ul	99
34) 2-Methylnaphthalene	12.55	142	26992	10.00	ng/ul	99
41) 1,1'-Biphenyl	13.55	154	10819	2.92	ng/ul	98
50) Acenaphthene	14.78	153	52794	16.01	ng/ul	99
54) Dibenzofuran	15.11	168	54855	11.18	ng/ul	97
59) Fluorene	15.76	166	52321	13.28	ng/ul	100
70) Phenanthrene	17.50	178	260010	38.34	ng/ul	98
72) Anthracene	17.60	178	18524	2.69	ng/ul	94
75) Carbazole	17.86	167	9940	1.72	ng/ul	96
77) Fluoranthene	19.51	202	156878	19.80	ng/ul	98
80) Pyrene	19.87	202	105757	11.25	ng/ul	98
83) Benzo(a)anthracene	21.72	228	24376	2.69	ng/ul	96
85) Chrysene	21.78	228	21593m	2.53	ng/ul	
88) Benzo(b)fluoranthene	23.96	252	12511	1.41	ng/ul#	96

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

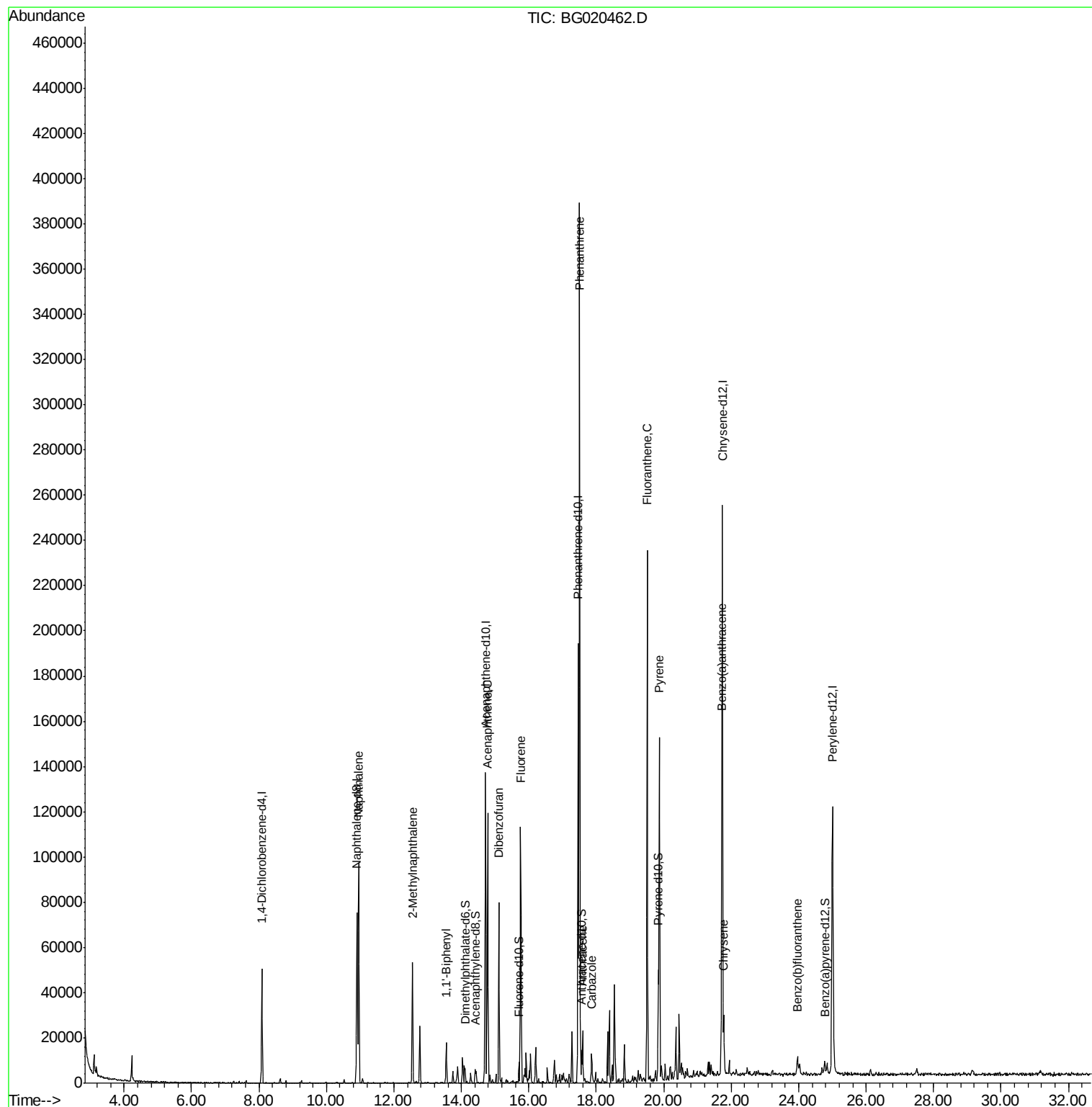
Data Path : Z:\HPCHEM1\BNA G\DATA\BG122215\
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Operator : UM/SJ
Sample : G4848-04MEDL 20X
Misc :
ALS Vial : 52 Sample Multiplier: 1

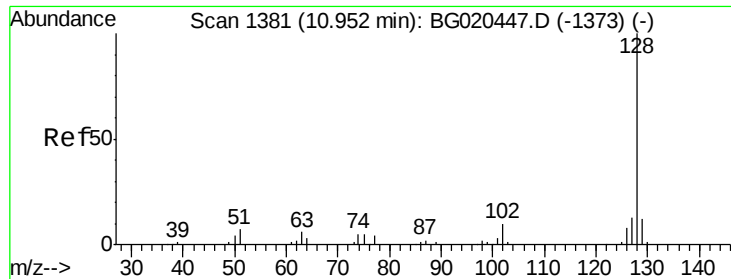
Instrument :
BNA_G
ClientSampleId :
D9N50MEDL

Manual Integrations
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Quant Time: Dec 24 06:52:20 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION
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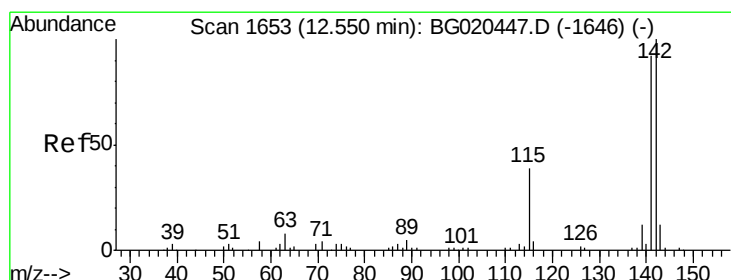
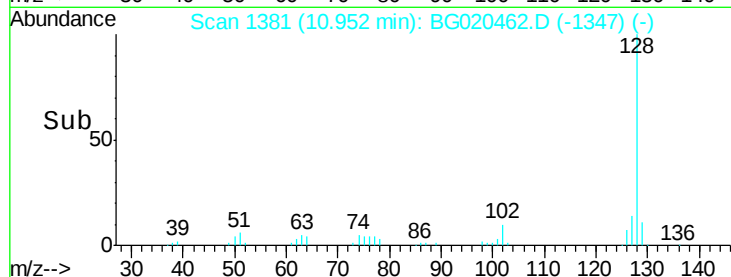
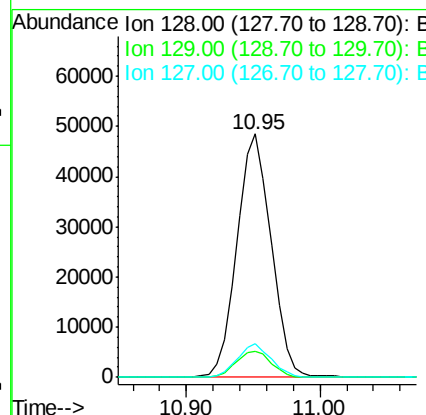
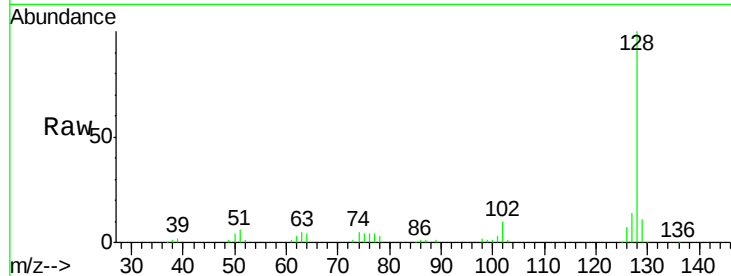
#28
Naphthalene
Concen: 24.41 ng/ul
RT: 10.95 min Scan# 1381
Delta R.T. 0.00 min
Lab File: BG020462.D
Acq: 24 Dec 2015 3:21

Instrument :
BNA_G
ClientSampleId :
D9N50MEDL

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.7	8.6	12.8
127	13.6	10.1	15.1

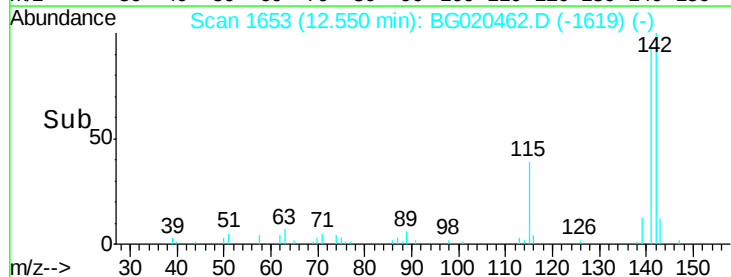
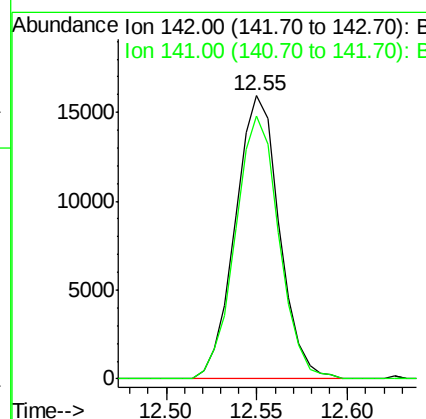
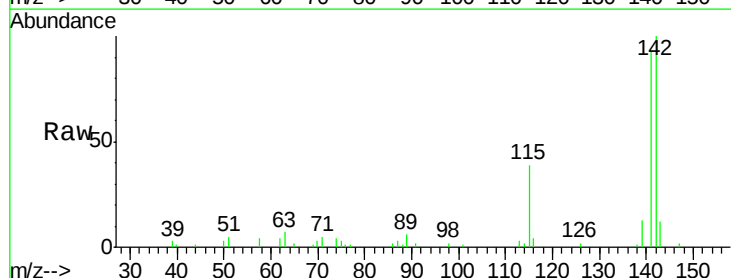
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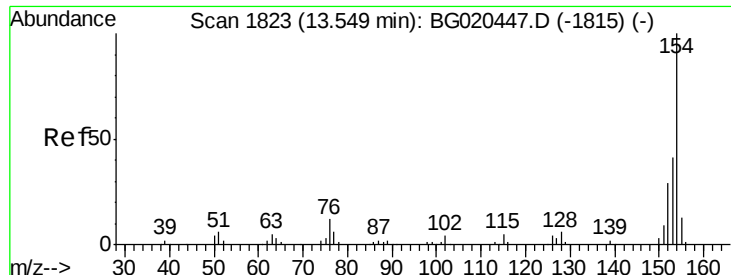
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#34
2-Methylnaphthalene
Concen: 10.00 ng/ul
RT: 12.55 min Scan# 1653
Delta R.T. 0.00 min
Lab File: BG020462.D
Acq: 24 Dec 2015 3:21

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.9	74.9	112.3





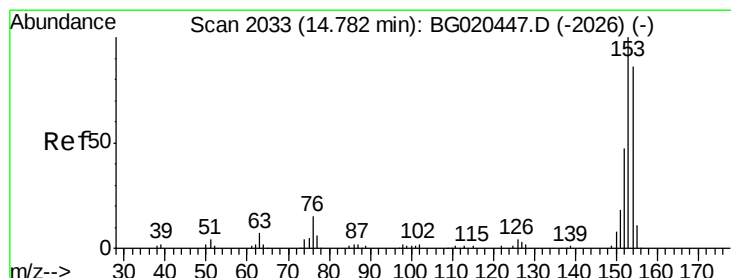
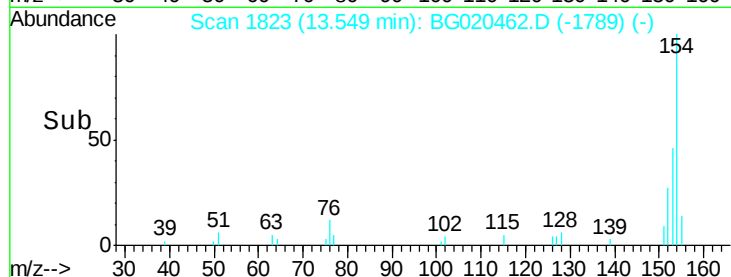
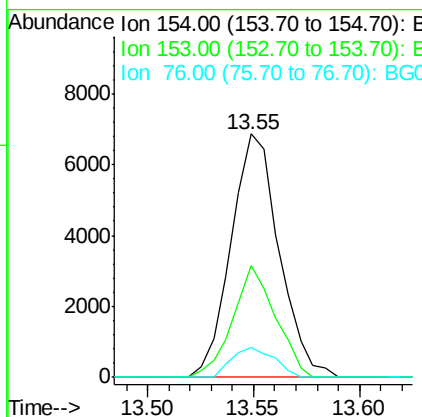
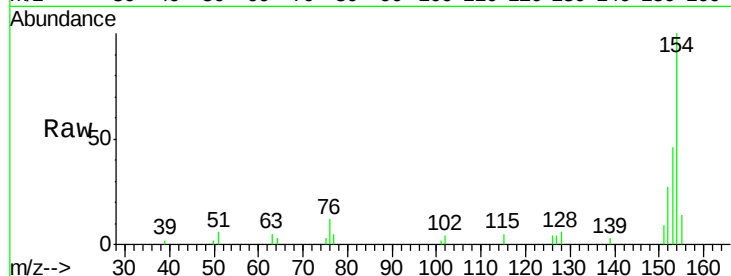
#41
 1,1'-Biphenyl
 Concen: 2.92 ng/ul
 RT: 13.55 min Scan# 1823
 Delta R.T. 0.00 min
 Lab File: BG020462.D
 Acq: 24 Dec 2015 3:21

Instrument :
 BNA_G
 ClientSampleId :
 D9N50MEDL

Tot Ion	Ratio	Lower	Upper
154	100		
153	46.1	35.5	53.3
76	12.3	10.4	15.6

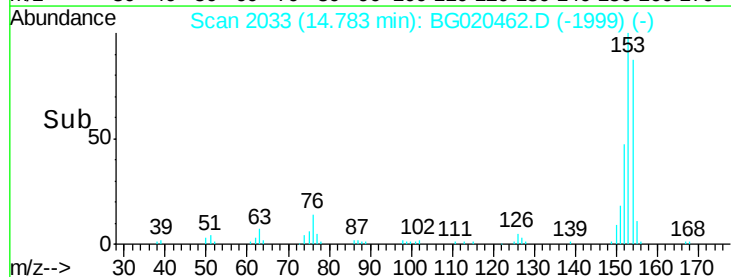
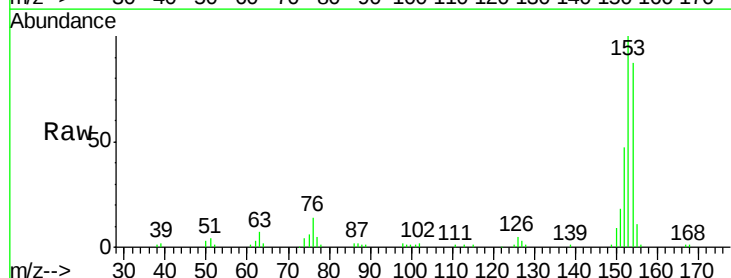
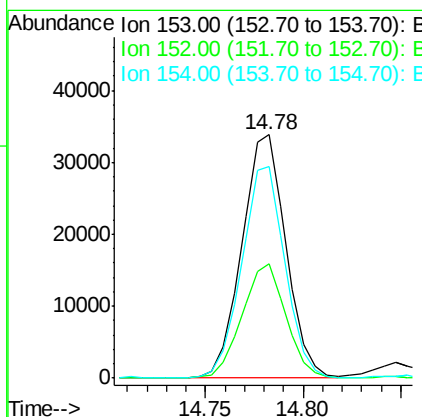
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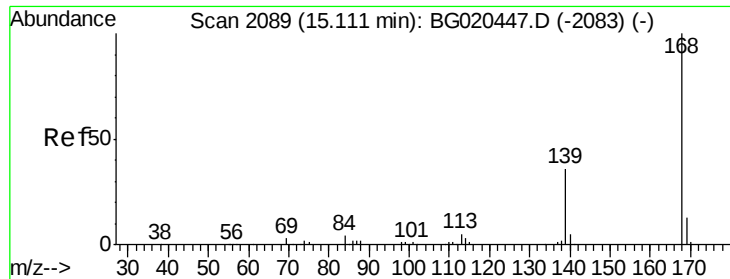
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#50
 Acenaphthene
 Concen: 16.01 ng/ul
 RT: 14.78 min Scan# 2033
 Delta R.T. 0.00 min
 Lab File: BG020462.D
 Acq: 24 Dec 2015 3:21

Tgt Ion	Ratio	Lower	Upper
153	100		
152	47.0	37.6	56.4
154	86.8	67.9	101.9





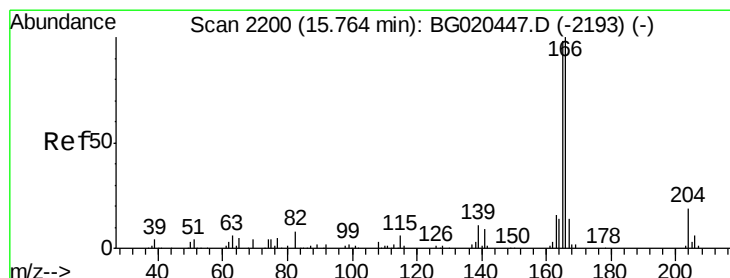
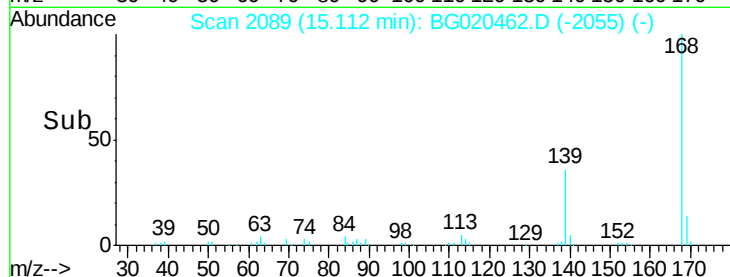
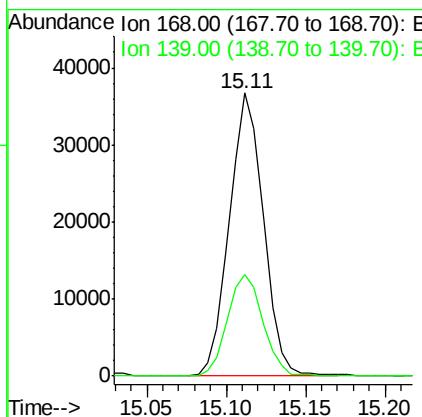
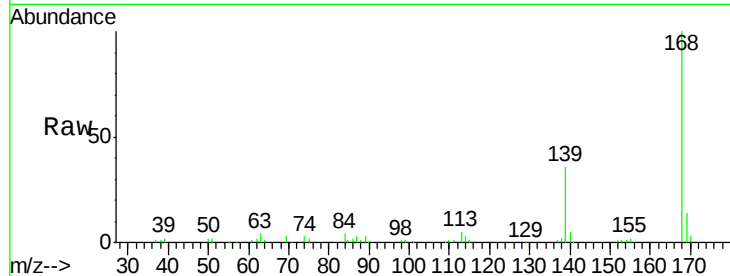
#54
Dibenzenofuran
Concen: 11.18 ng/ul
RT: 15.11 min Scan# 2089
Delta R.T. 0.00 min
Lab File: BG020462.D
Acq: 24 Dec 2015 3:21

Instrument :
BNA_G
ClientSampleId :
D9N50MEDL

Tot Ion	Ratio	Lower	Upper
168	100		
139	36.1	30.5	45.7

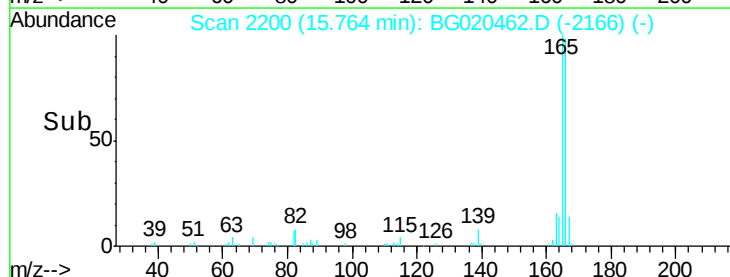
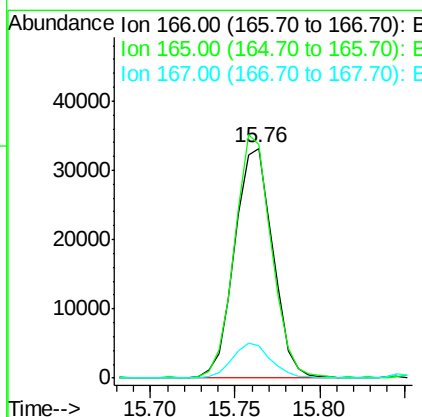
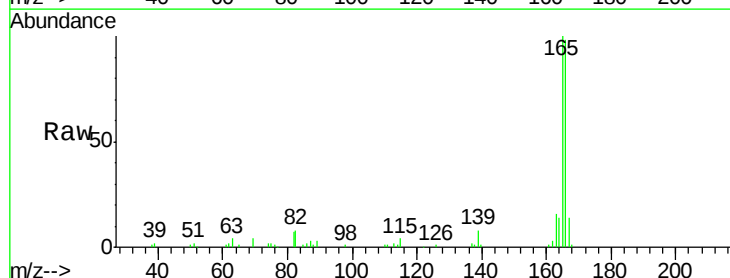
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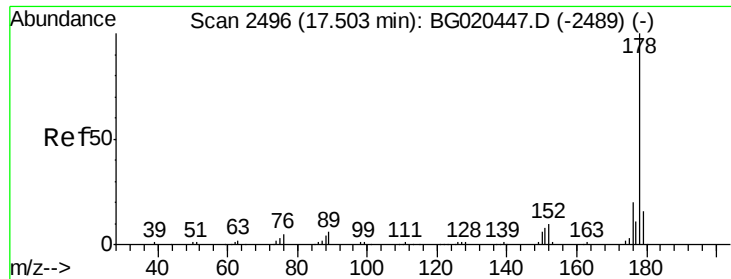
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#59
Fluorene
Concen: 13.28 ng/ul
RT: 15.76 min Scan# 2200
Delta R.T. 0.00 min
Lab File: BG020462.D
Acq: 24 Dec 2015 3:21

Tgt Ion	Ratio	Lower	Upper
166	100		
165	101.9	81.4	122.0
167	14.2	11.2	16.8





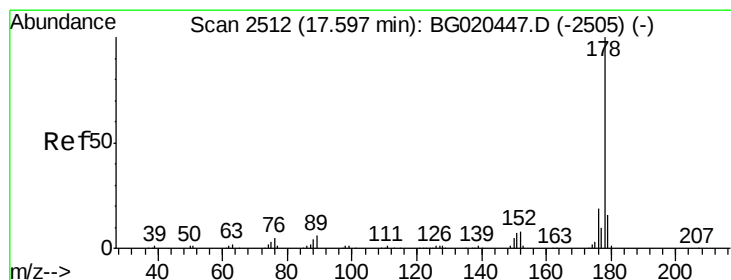
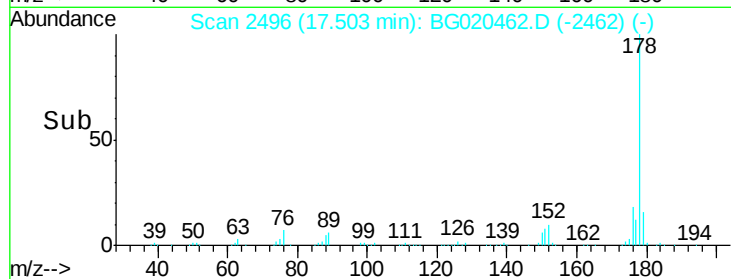
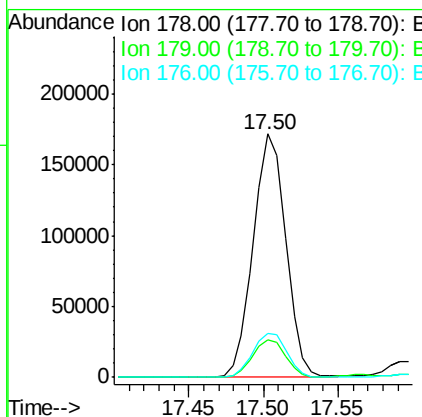
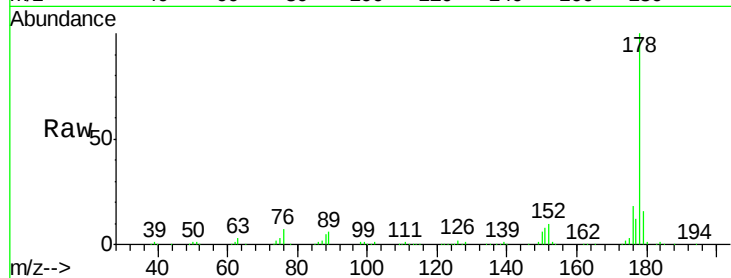
#70
Phenanthrene
Concen: 38.34 ng/ul
RT: 17.50 min Scan# 2496
Delta R.T. 0.00 min
Lab File: BG020462.D
Acq: 24 Dec 2015 3:21

Instrument :
BNA_G
ClientSampleId :
D9N50MEDL

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.9	19.3
176	18.3	15.3	22.9

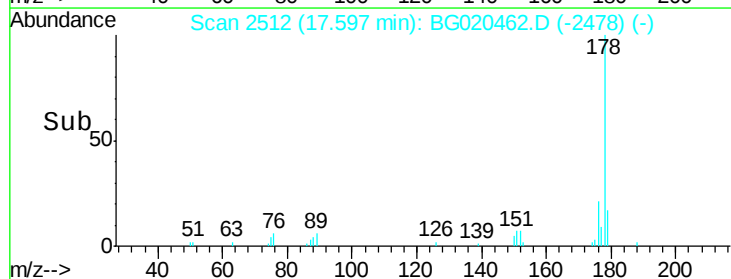
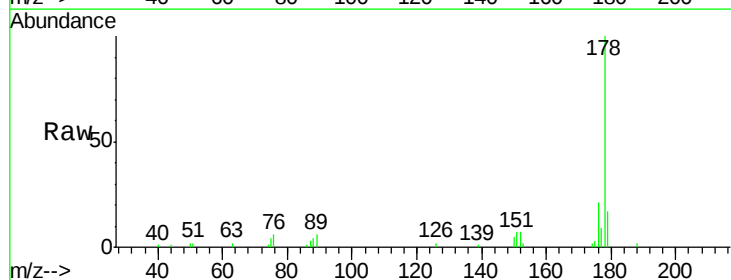
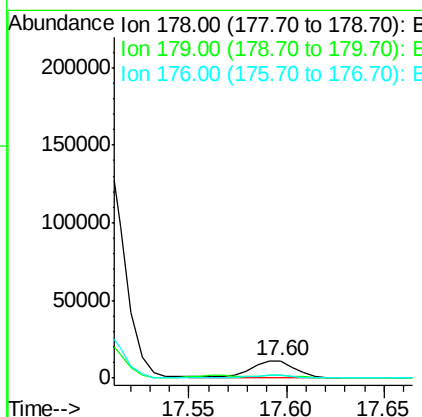
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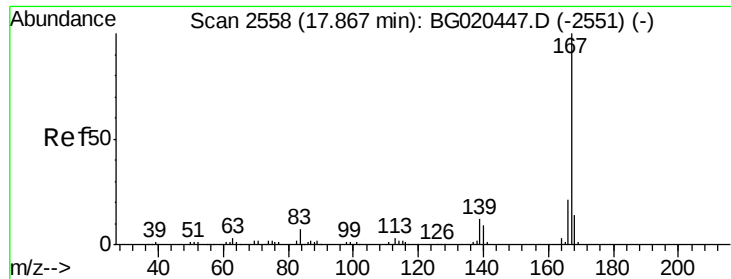
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#72
Anthracene
Concen: 2.69 ng/ul
RT: 17.60 min Scan# 2512
Delta R.T. 0.00 min
Lab File: BG020462.D
Acq: 24 Dec 2015 3:21

Tgt Ion	Ratio	Lower	Upper
178	100		
179	17.1	12.3	18.5
176	20.9	14.3	21.5





#75

Carbazole

Concen: 1.72 ng/ul

RT: 17.86 min Scan# 2557

Delta R.T. -0.01 min

Lab File: BG020462.D

Acq: 24 Dec 2015 3:21

Instrument :

BNA_G

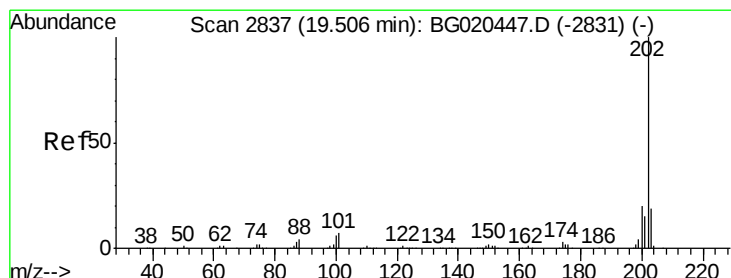
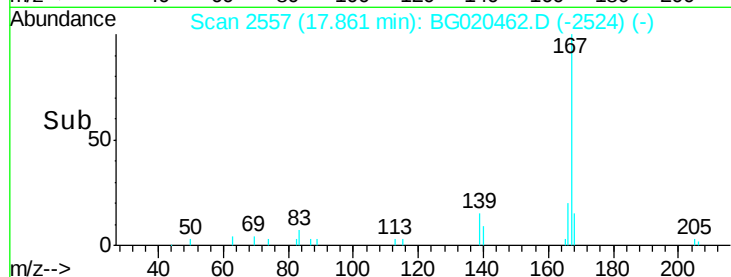
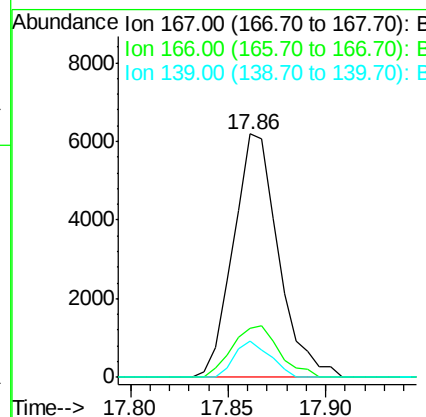
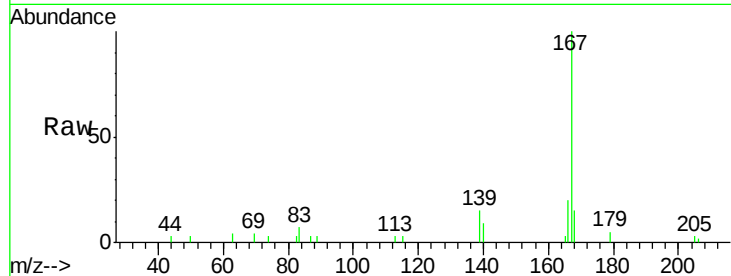
ClientSampleId :

D9N50MEDL

Tot Ion:	167	Resp:	9940
Ion Ratio	Lower	Upper	
167	100		
166	20.0	17.0	25.6
139	14.8	10.1	15.1

Manual Integrations
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#77

Fluoranthene

Concen: 19.80 ng/ul

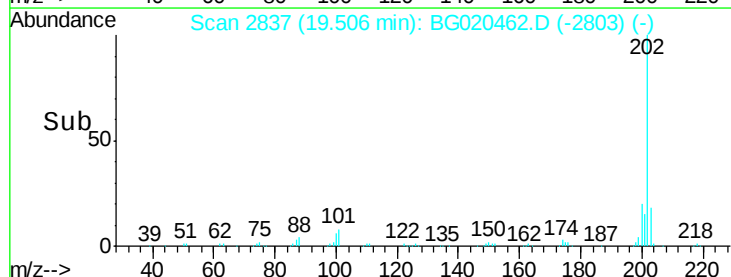
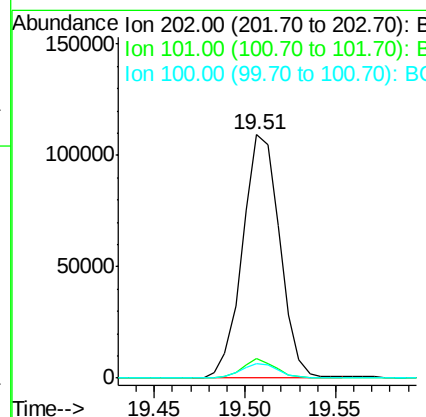
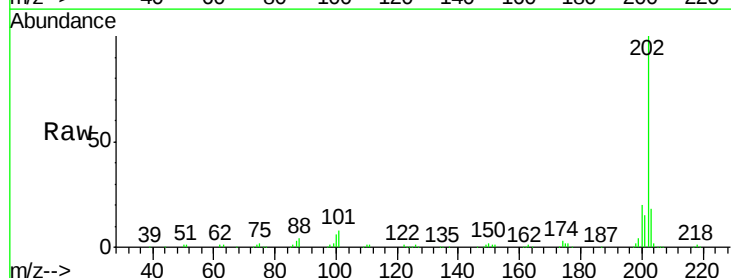
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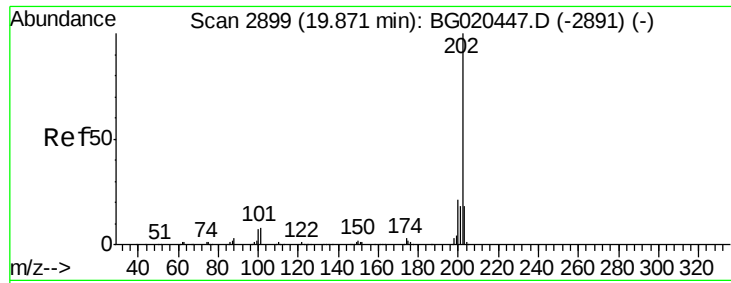
Delta R.T. 0.00 min

Lab File: BG020462.D

Acq: 24 Dec 2015 3:21

Tgt Ion:	202	Resp:	156878
Ion Ratio	Lower	Upper	
202	100		
101	8.3	6.2	9.4
100	5.8	5.1	7.7





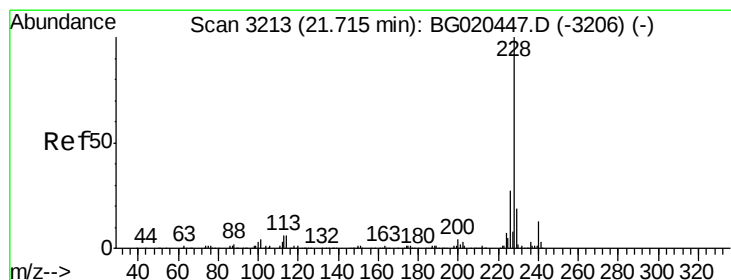
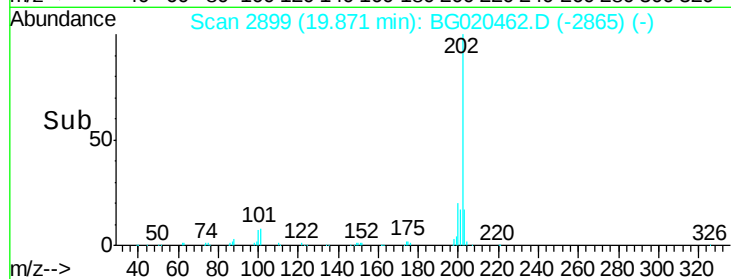
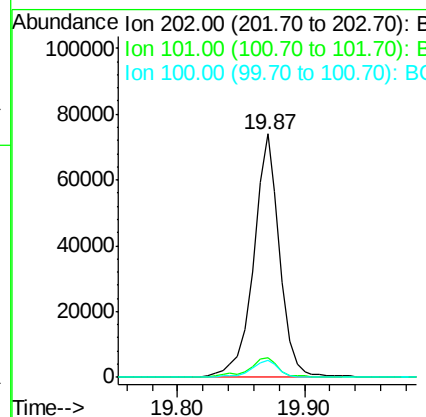
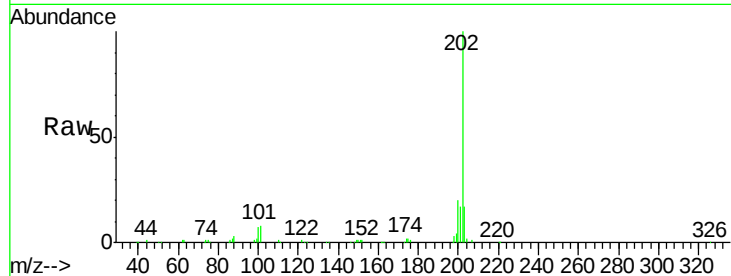
#80
Pvrene
Concen: 11.25 ng/ul
RT: 19.87 min Scan# 2899
Delta R.T. 0.00 min
Lab File: BG020462.D
Acq: 24 Dec 2015 3:21

Instrument :
BNA_G
ClientSampleId :
D9N50MEDL

Tot Ion	Ion	Ratio	Resp Lower	Resp Upper
202	100			
101	8.3	7.0	10.4	
100	7.0	6.4	9.6	

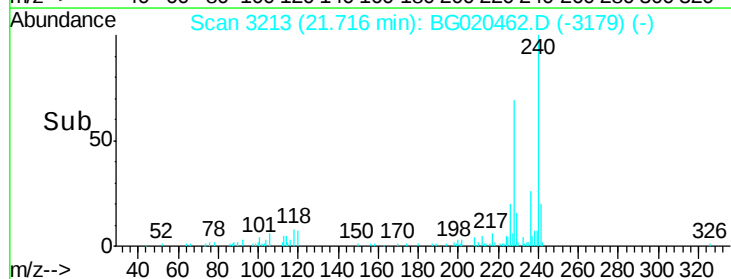
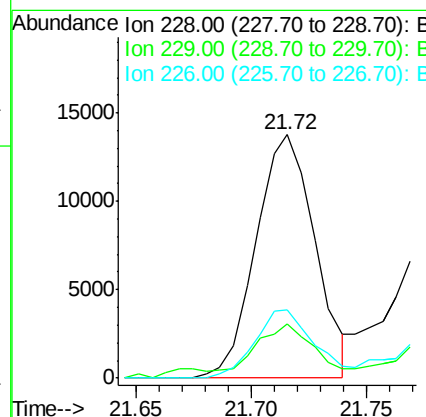
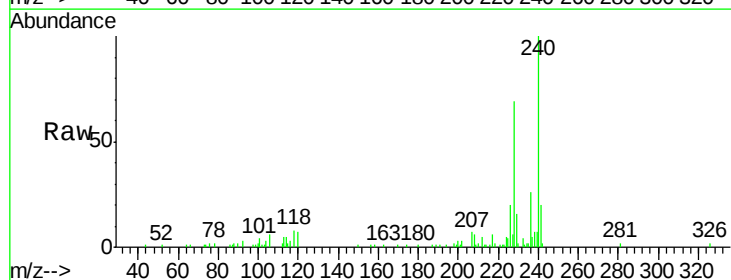
Manual Integrations
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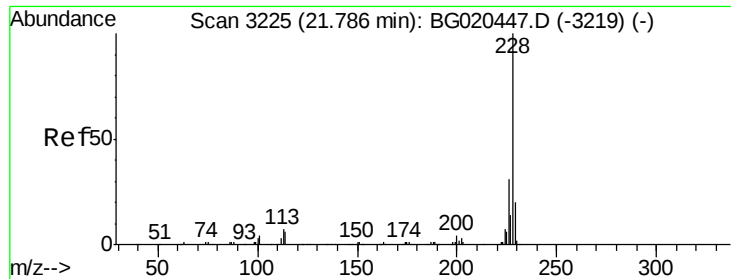
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#83
Benzo(a)anthracene
Concen: 2.69 ng/ul
RT: 21.72 min Scan# 3213
Delta R.T. 0.00 min
Lab File: BG020462.D
Acq: 24 Dec 2015 3:21

Tgt Ion	Ion	Ratio	Resp Lower	Resp Upper
228	100			
229	22.5	15.8	23.8	
226	28.3	21.8	32.6	





#85

Chrysene

Concen: 2.53 ng/ul m

RT: 21.78 min Scan# 3224

Delta R.T. -0.01 min

Lab File: BG020462.D

Acq: 24 Dec 2015 3:21

Instrument :

BNA_G

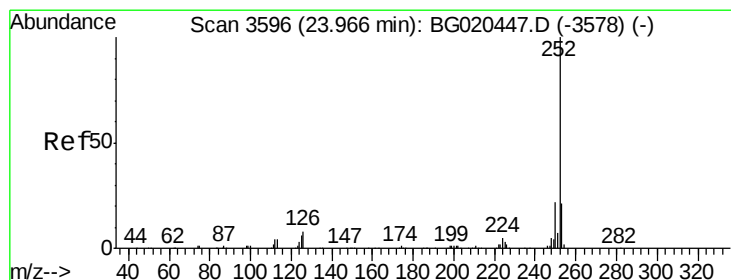
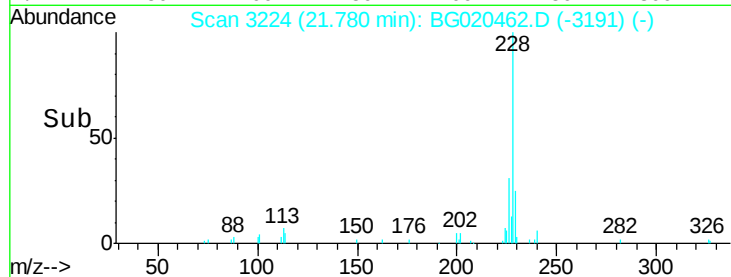
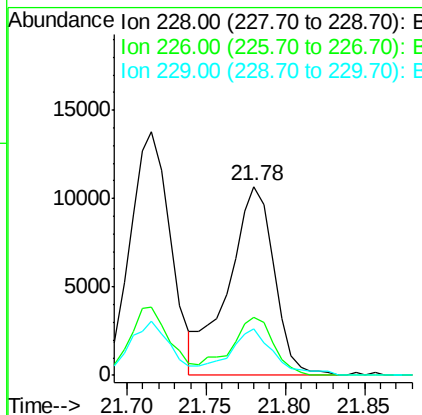
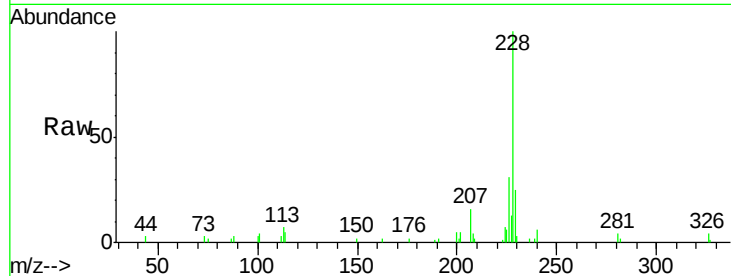
ClientSampleId :

D9N50MEDL

Tot Ion:	228	Resp:	21593
Ion Ratio	Lower	Upper	
228	100		
226	30.7	23.9	35.9
229	24.5	15.6	23.4#

Manual Integrations
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#88

Benzo(b)fluoranthene

Concen: 1.41 ng/ul

RT: 23.96 min Scan# 3595

Delta R.T. -0.01 min

Lab File: BG020462.D

Acq: 24 Dec 2015 3:21

Tgt Ion:	252	Resp:	12511
Ion Ratio	Lower	Upper	
252	100		
253	22.4	16.7	25.1
125	10.1	6.2	9.2#

