

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052316\
 Data File : BG022050.D
 Acq On : 23 May 2016 17:16
 Operator : UM/SJ
 Sample : H3124-17
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 JHGG3

Manual Integrations
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Quant Time: May 24 07:51:58 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG052116.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue May 24 07:40:16 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	42227	20.00	ng/ul	0.00
18) Naphthalene-d8	10.98	136	217743	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.78	164	116020	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.53	188	218294	20.00	ng/ul	0.00
75) Chrysene-d12	21.82	240	187483	20.00	ng/ul	0.00
83) Perylene-d12	25.15	264	175272	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.54	96	2739	3.38	ng/uL	0.00
5) Phenol-d5	7.31	99	69438	18.20	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.48	67	37253	18.62	ng/ul	0.00
9) 2-Chlorophenol-d4	7.69	132	62586	19.62	ng/ul	0.00
13) 4-Methylphenol-d8	8.86	113	59700	18.45	ng/ul	0.00
19) Nitrobenzene-d5	9.33	128	30918	19.25	ng/ul	0.00
22) 2-Nitrophenol-d4	10.05	143	33224	19.10	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.60	165	57421	18.71	ng/ul	0.00
29) 4-Chloroaniline-d4	11.11	131	63203	18.91	ng/ul	0.00
43) Dimethylphthalate-d6	14.18	166	173537	19.91	ng/ul	0.00
46) Acenaphthylene-d8	14.48	160	236061	19.40	ng/ul	0.00
51) 4-Nitrophenol-d4	15.00	143	18247m	12.16	ng/ul	0.00
57) Fluorene-d10	15.78	176	151872	18.61	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.90	200	15599	13.67	ng/ul	0.00
70) Anthracene-d10	17.63	188	206841	19.74	ng/ul	0.00
76) Pyrene-d10	19.91	212	207141	19.59	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.92	264	171227	21.05	ng/ul	0.00

Target Compounds

						Qvalue
28) Naphthalene	11.03	128	15476	1.40	ng/ul#	93
44) Dimethylphthalate	14.23	163	53728	6.14	ng/ul	97
47) Acenaphthylene	14.51	152	30324	2.45	ng/ul#	93
69) Phenanthrene	17.57	178	142345	11.72	ng/ul	98
71) Anthracene	17.66	178	12837m	1.04	ng/ul	
74) Fluoranthene	19.57	202	124608	10.04	ng/ul	99
77) Pyrene	19.94	202	196500	14.90	ng/ul	98
80) Benzo(a)anthracene	21.79	228	56271	5.12	ng/ul	92
82) Chrysene	21.86	228	82806	7.85	ng/ul	96
85) Benzo(b)fluoranthene	24.09	252	91495	8.92	ng/ul	97
86) Benzo(k)fluoranthene	24.13	252	42433m	4.25	ng/ul	
88) Benzo(a)pyrene	24.99	252	73011	7.38	ng/ul#	94
89) Indeno(1,2,3-cd)pyrene	28.97	276	50231m	4.43	ng/ul	
91) Benzo(g,h,i)perylene	30.18	276	42855m	4.72	ng/ul	

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

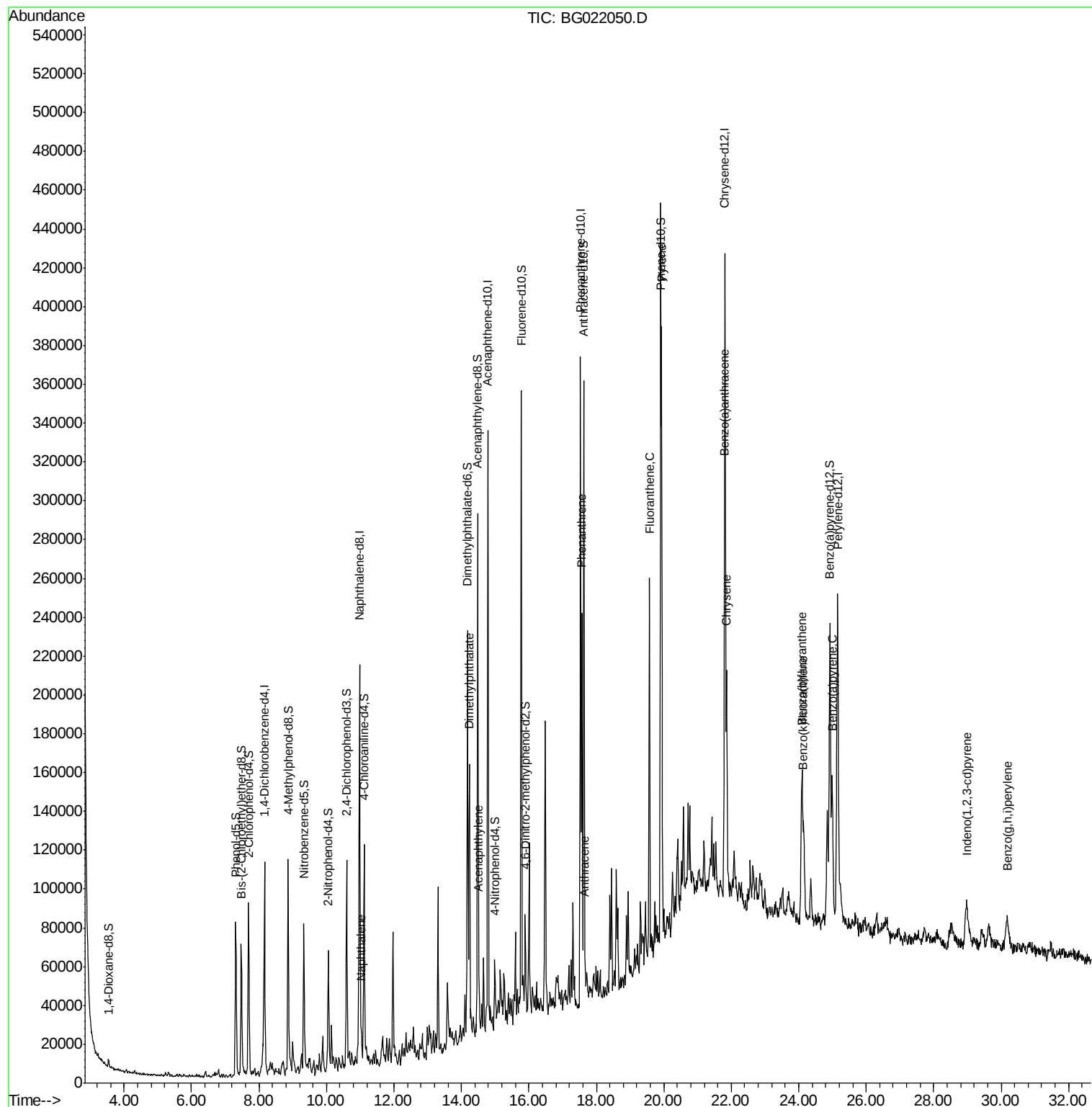
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052316\
Data File : BG022050.D
Acq On : 23 May 2016 17:16
Operator : UM/SJ
Sample : H3124-17
Misc :
ALS Vial : 9 Sample Multiplier: 1

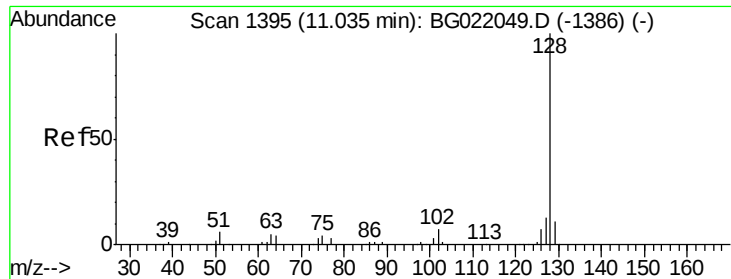
Instrument :
BNA_G
ClientSampled :
JHGG3

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Quant Time: May 24 07:51:58 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG052116.M
Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration





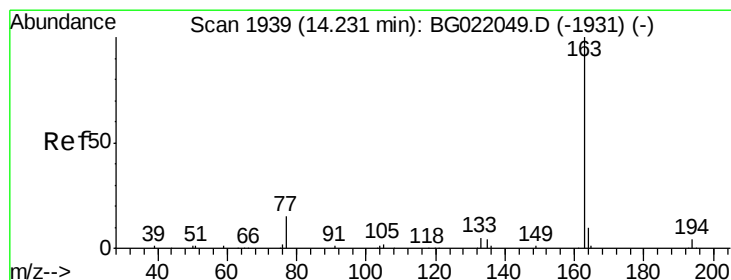
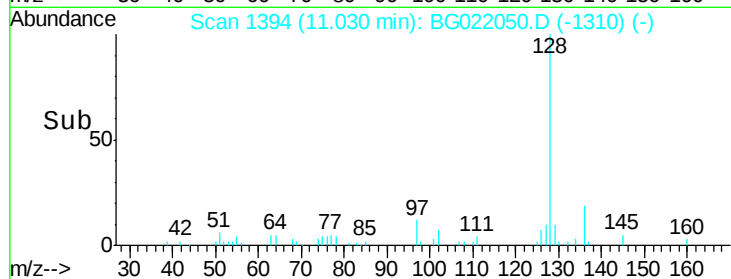
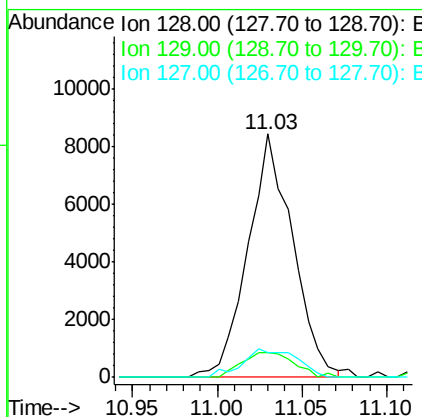
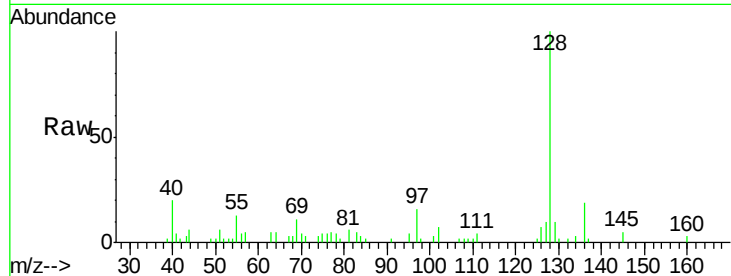
#28
Naphthalene
Concen: 1.40 ng/ul
RT: 11.03 min Scan# 1394
Delta R.T. -0.00 min
Lab File: BG022050.D
Acq: 23 May 2016 17:16

Instrument :
BNA_G
ClientSampled :
JHGG3

Tgt Ion	Ratio	Resp Lower	Resp Upper
128	100		
129	9.9	9.4	14.2
127	10.2	11.2	16.8#

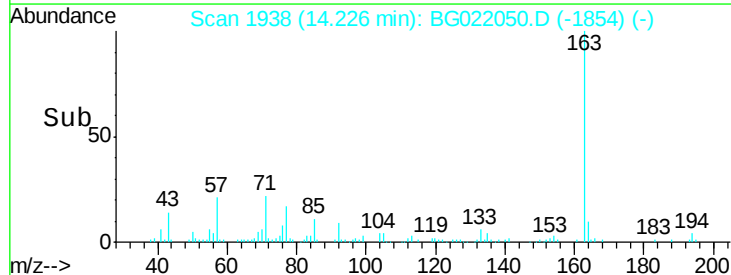
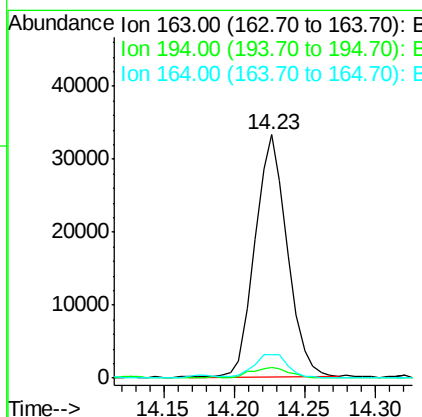
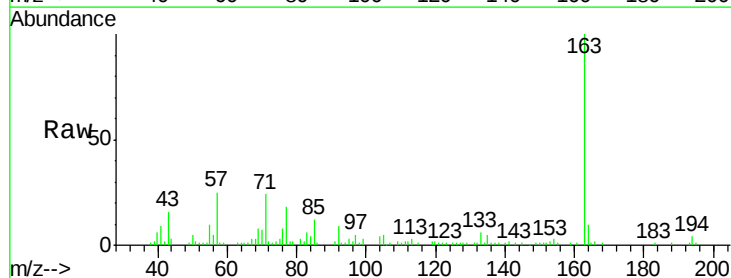
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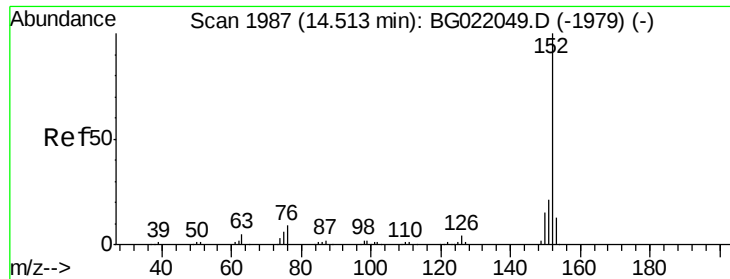
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#44
Dimethylphthalate
Concen: 6.14 ng/ul
RT: 14.23 min Scan# 1938
Delta R.T. -0.00 min
Lab File: BG022050.D
Acq: 23 May 2016 17:16

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	4.4	3.4	5.2
164	9.5	8.8	13.2





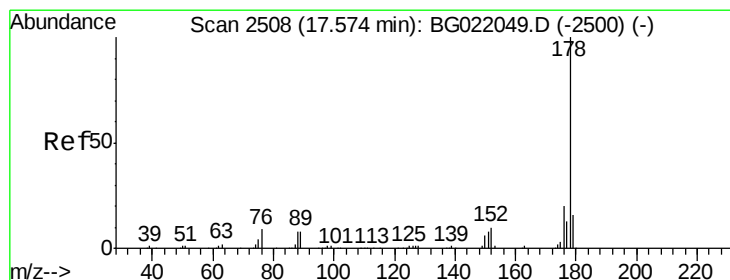
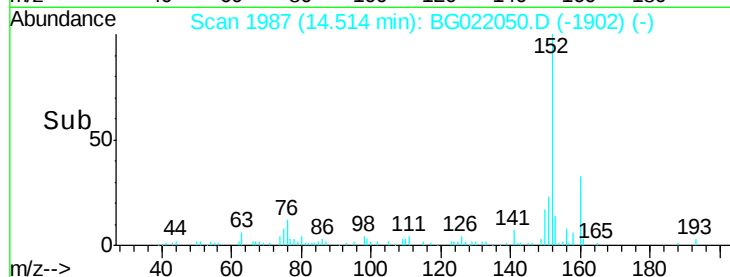
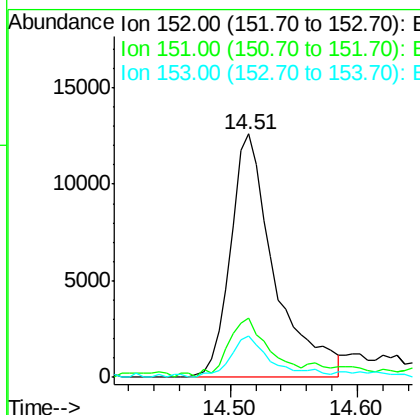
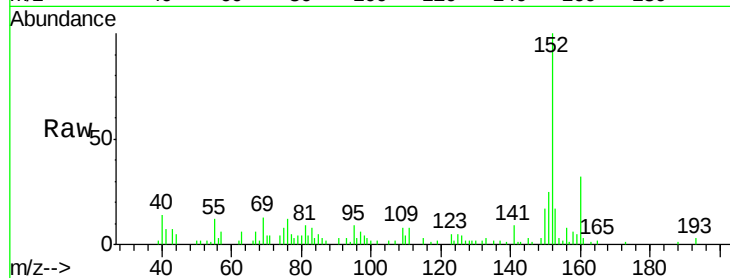
#47
Acenaphthylene
Concen: 2.45 ng/ul
RT: 14.51 min Scan# 1987
Delta R.T. 0.00 min
Lab File: BG022050.D
Acq: 23 May 2016 17:16

Instrument :
BNA_G
ClientSampleId :
JHGG3

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	30324		
151	24.6		17.5	26.3
153	17.1		11.1	16.7#

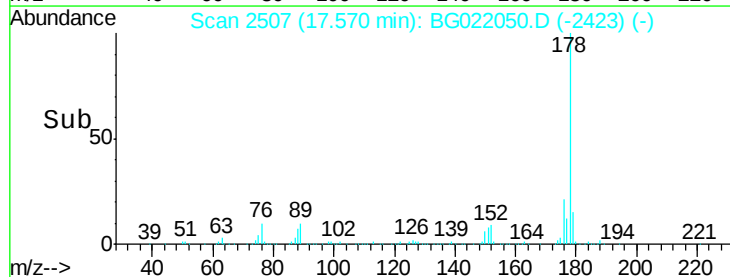
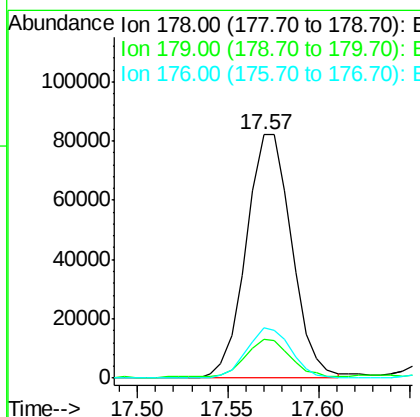
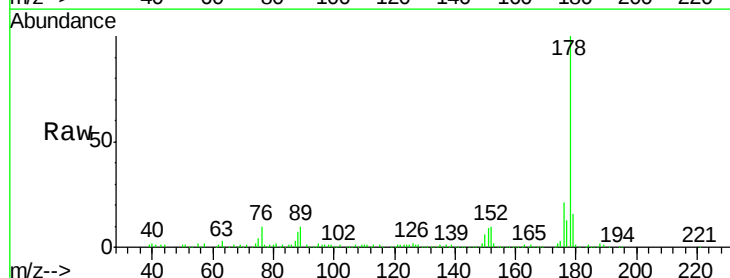
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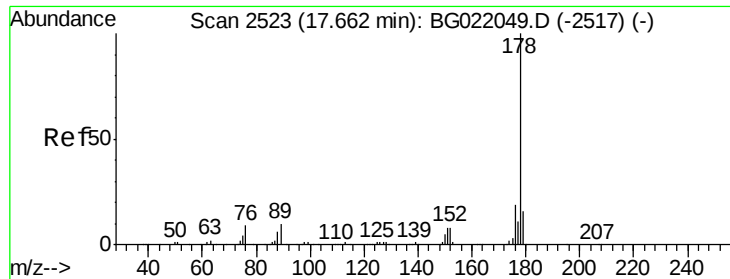
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#69
Phenanthrene
Concen: 11.72 ng/ul
RT: 17.57 min Scan# 2507
Delta R.T. -0.00 min
Lab File: BG022050.D
Acq: 23 May 2016 17:16

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	142345		
179	15.8		12.9	19.3
176	20.9		15.8	23.8





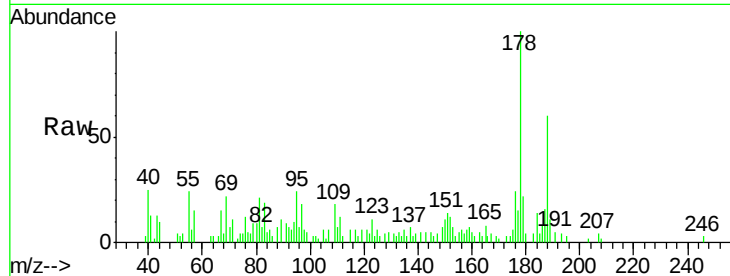
#71
 Anthracene
 Concen: 1.04 ng/ul m
 RT: 17.66 min Scan# 2523
 Delta R.T. 0.00 min
 Lab File: BG022050.D
 Acq: 23 May 2016 17:16

Instrument :
 BNA_G
 ClientSampled :
 JHGG3

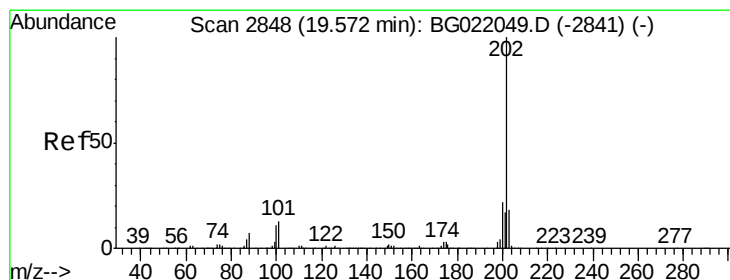
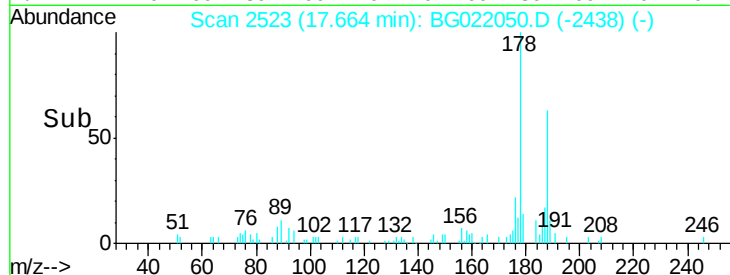
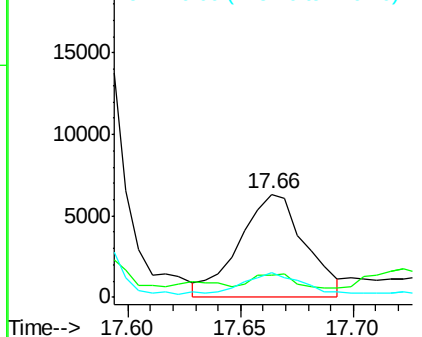
Tgt Ion	Ratio	Resp	Lower	Upper
178	100	12837		
179	21.5	12.3	18.5#	
176	23.9	16.3	24.5	

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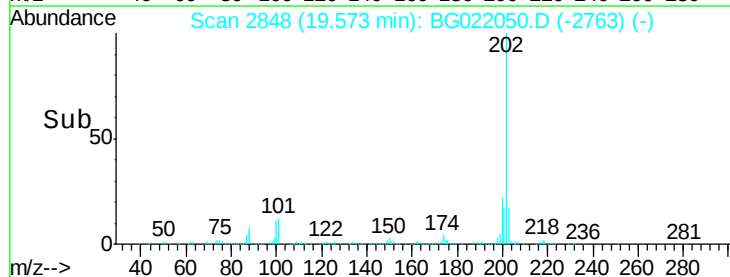
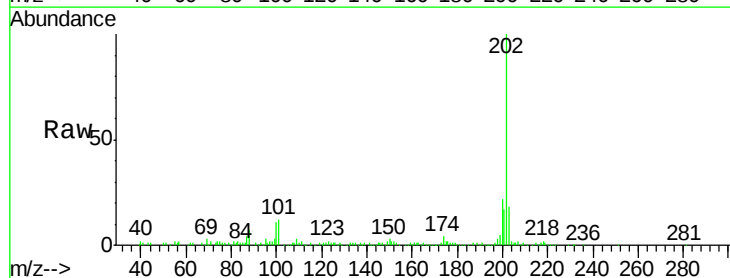
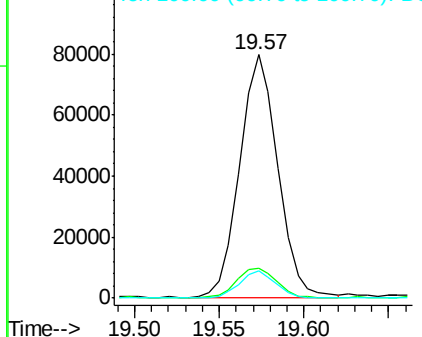
Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 176.00 (175.70 to 176.70): E

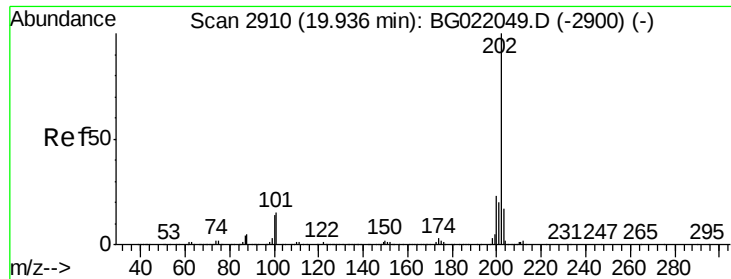


#74
 Fluoranthene
 Concen: 10.04 ng/ul
 RT: 19.57 min Scan# 2848
 Delta R.T. 0.00 min
 Lab File: BG022050.D
 Acq: 23 May 2016 17:16

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	124608		
101	12.4	10.6	16.0	
100	11.0	8.7	13.1	

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





#77

Pyrene

Concen: 14.90 ng/ul

RT: 19.94 min Scan# 2910

Delta R.T. 0.00 min

Lab File: BG022050.D

Acq: 23 May 2016 17:16

Instrument :

BNA_G

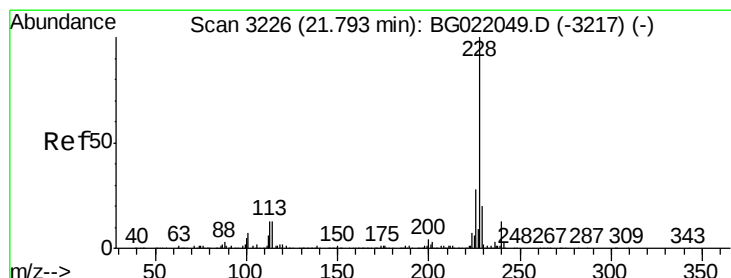
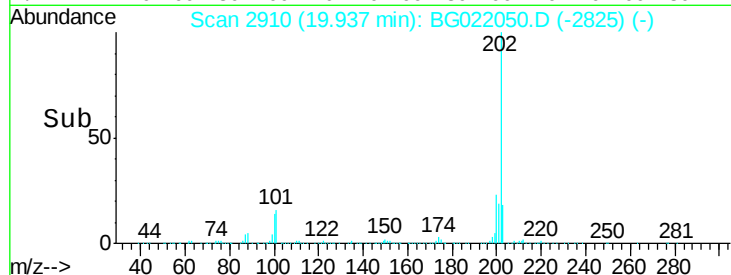
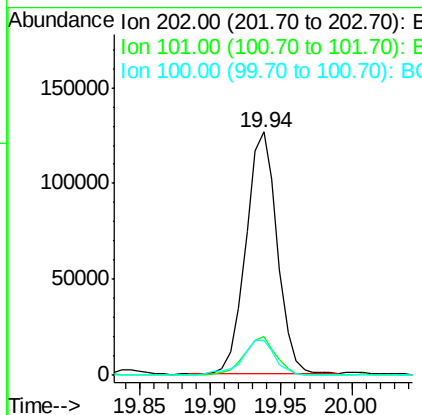
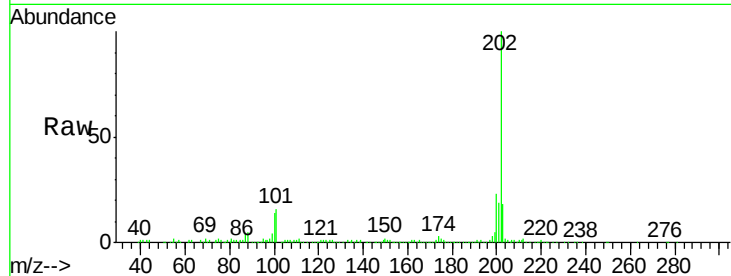
ClientSampleId :

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Tgt Ion:	202	Resp:	196500
Ion Ratio		Lower	Upper
202	100		
101	16.1	12.5	18.7
100	14.1	10.2	15.4

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#80

Benzo(a)anthracene

Concen: 5.12 ng/ul

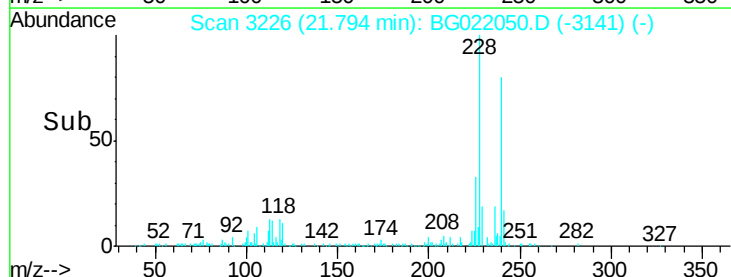
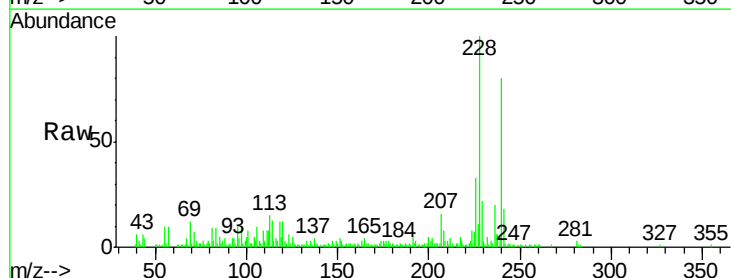
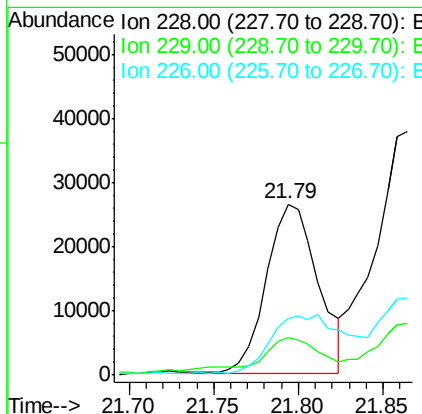
RT: 21.79 min Scan# 3226

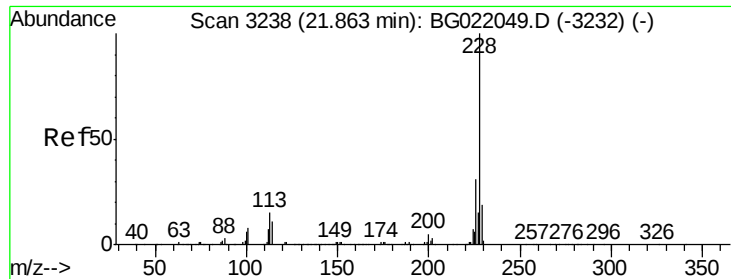
Delta R.T. 0.00 min

Lab File: BG022050.D

Acq: 23 May 2016 17:16

Tgt Ion:	228	Resp:	56271
Ion Ratio		Lower	Upper
228	100		
229	22.3	15.4	23.2
226	33.5	22.8	34.2





#82

Chrysene

Concen: 7.85 ng/ul

RT: 21.86 min Scan# 3238

Delta R.T. 0.00 min

Lab File: BG022050.D

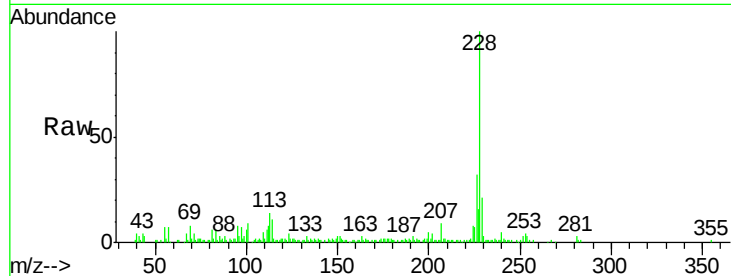
Acq: 23 May 2016 17:16

Instrument :

BNA_G

ClientSampled :

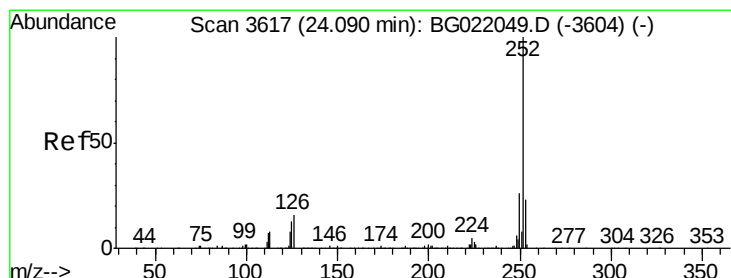
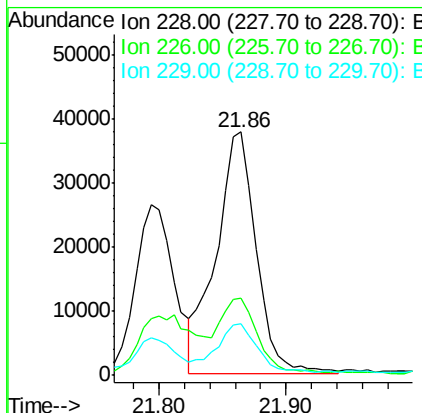
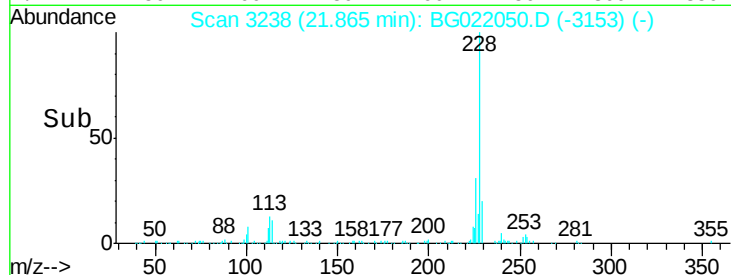
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Tgt Ion:	228	Resp:	82806
Ion Ratio	Lower	Upper	
228	100		
226	31.7	24.2	36.4
229	21.2	15.0	22.6

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#85

Benzo(b)fluoranthene

Concen: 8.92 ng/ul

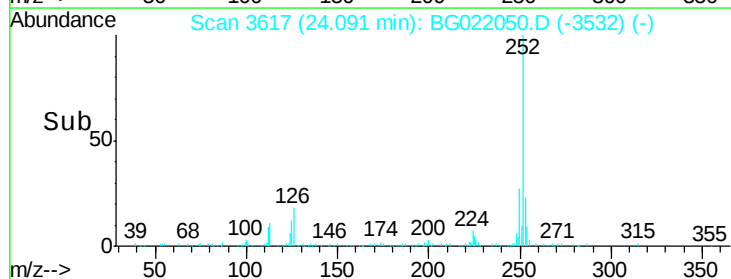
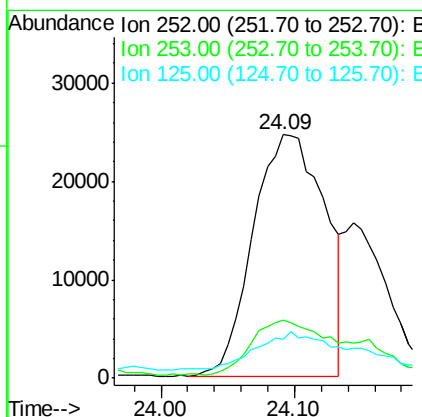
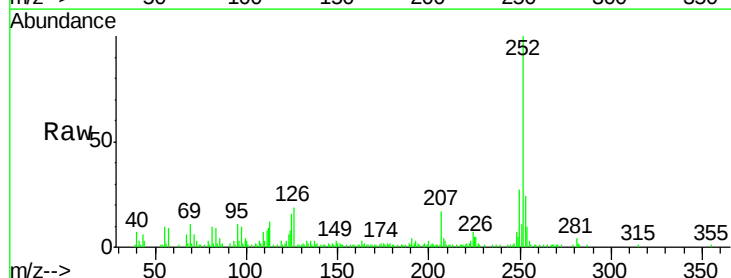
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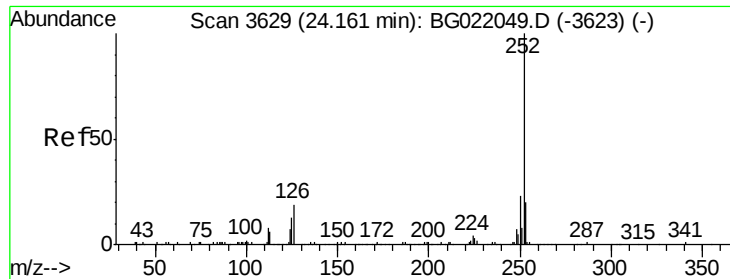
Delta R.T. 0.00 min

Lab File: BG022050.D

Acq: 23 May 2016 17:16

Tgt Ion:	252	Resp:	91495
Ion Ratio	Lower	Upper	
252	100		
253	23.7	18.2	27.2
125	15.8	10.8	16.2





#86

Benzo(k)fluoranthene

Concen: 4.25 ng/ul m

RT: 24.13 min Scan# 3623

Delta R.T. -0.03 min

Lab File: BG022050.D

Acq: 23 May 2016 17:16

Instrument :

BNA_G

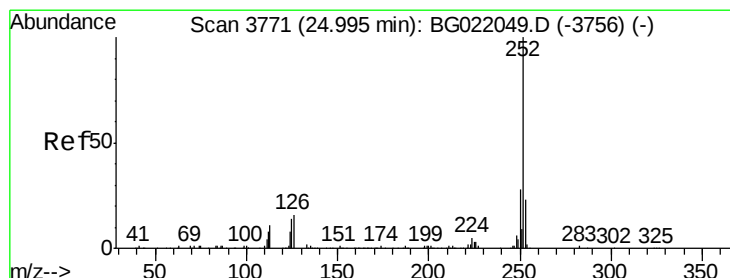
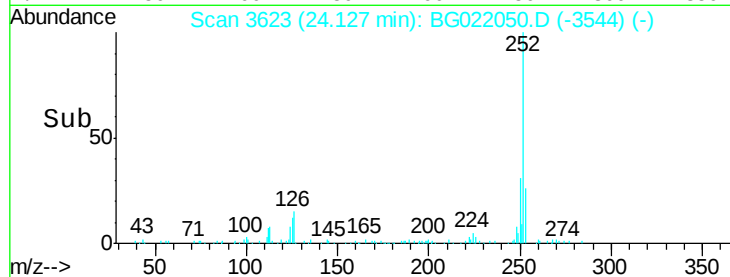
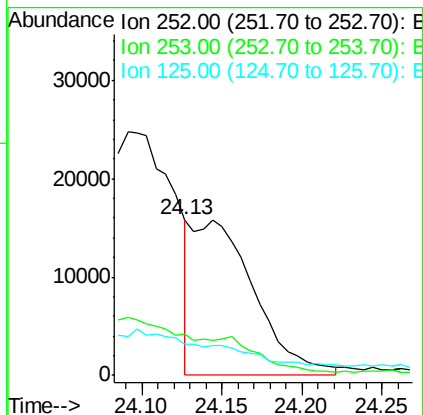
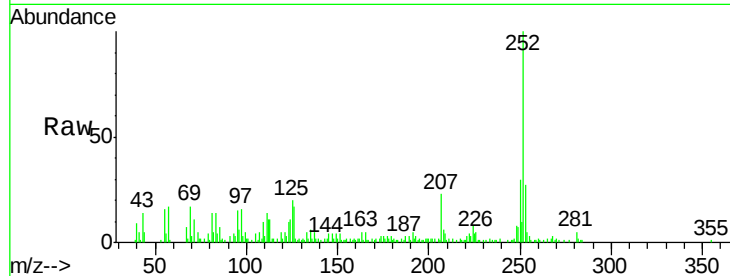
ClientSampleId :

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Tgt Ion:	252	Resp:	42433
Ion Ratio	Lower	Upper	
252	100		
253	26.8	15.8	23.6#
125	19.8	10.6	16.0#

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#88

Benzo(a)pyrene

Concen: 7.38 ng/ul

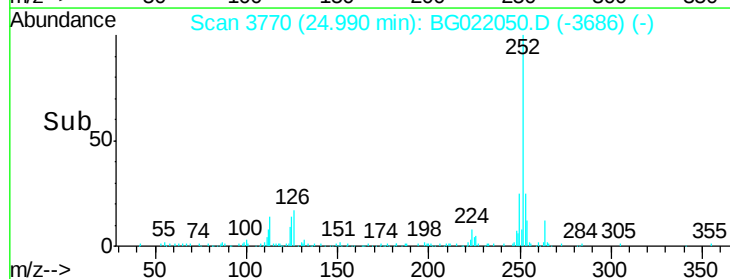
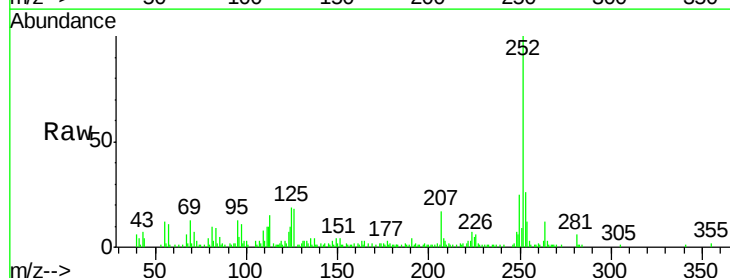
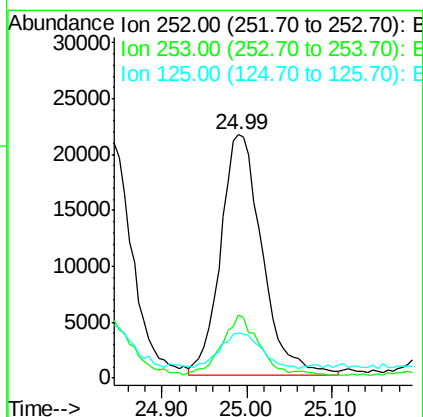
RT: 24.99 min Scan# 3770

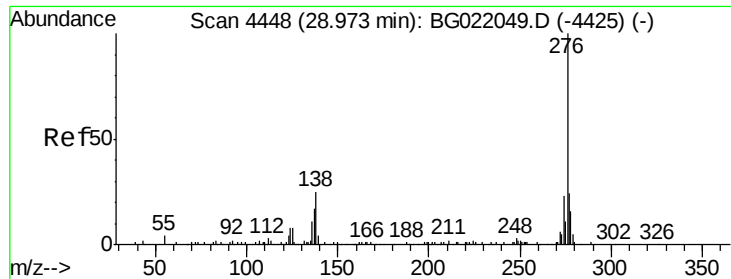
Delta R.T. -0.00 min

Lab File: BG022050.D

Acq: 23 May 2016 17:16

Tgt Ion:	252	Resp:	73011
Ion Ratio	Lower	Upper	
252	100		
253	25.8	19.0	28.4
125	18.8	12.0	18.0#

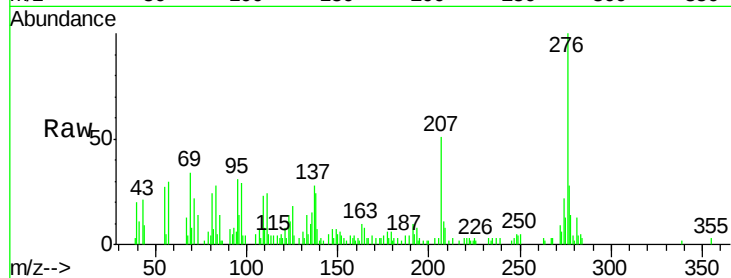




#89

Indeno(1,2,3-cd)pyrene
Concen: 4.43 ng/ul m
RT: 28.97 min Scan# 4447
Delta R.T. -0.00 min
Lab File: BG022050.D
Acq: 23 May 2016 17:16

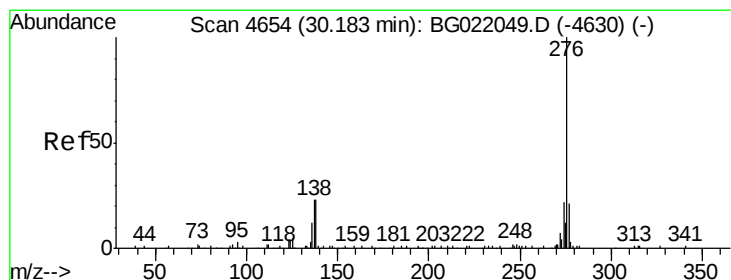
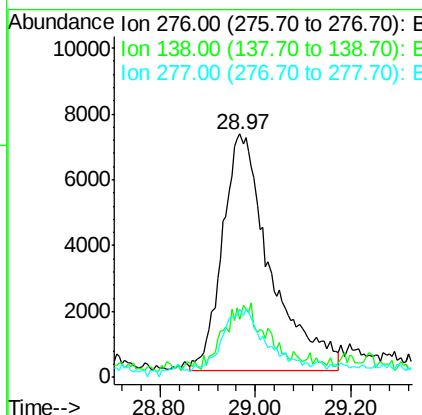
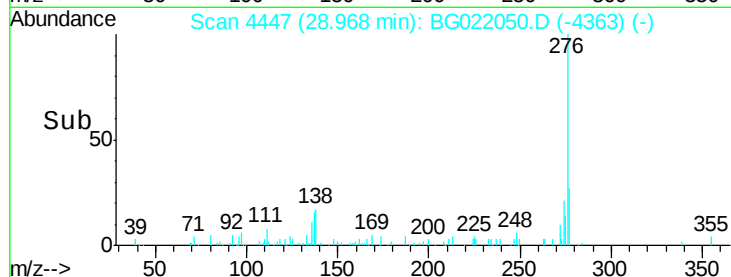
Instrument :
BNA_G
ClientSampleId :
JHGG3



Tgt Ion	Ratio	Resp Lower	Upper
276	100		
138	23.7	20.8	31.2
277	28.3	17.6	26.4#

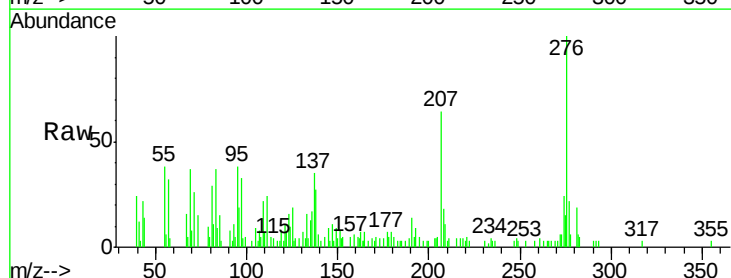
Manual Integrations
APPROVED

umangi
5/24/2016 7:37:10 PM



#91

Benzo(g,h,i)perylene
Concen: 4.72 ng/ul m
RT: 30.18 min Scan# 4653
Delta R.T. -0.00 min
Lab File: BG022050.D
Acq: 23 May 2016 17:16



Tgt Ion	Ratio	Resp Lower	Upper
276	100		
138	27.0	22.1	33.1
277	21.7	17.0	25.4

