

Data Path : Z:\HPCHEM1\BNA G\DATA\BG051016\
 Data File : BG021832.D
 Acq On : 11 May 2016 1:22
 Operator : UM/SJ
 Sample : H2937-05
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9X83

Manual Integrations
 APPROVED

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Quant Time: May 11 06:52:44 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG050916.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 11 02:37:33 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.18	152	74576	20.00	ng/ul	0.00
18) Naphthalene-d8	11.00	136	392411	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.81	164	246214	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.55	188	543197	20.00	ng/ul	0.00
76) Chrysene-d12	21.83	240	569692	20.00	ng/ul	0.00
84) Perylene-d12	25.17	264	571919	20.00	ng/ul	0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.58	96	4636	3.00	ng/uL	0.00
5) Phenol-d5	7.33	99	90595	16.37	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.50	67	43287	15.78	ng/ul	0.00
9) 2-Chlorophenol-d4	7.71	132	81146	18.89	ng/ul	0.00
13) 4-Methylphenol-d8	8.88	113	82811m	17.82	ng/ul	0.00
19) Nitrobenzene-d5	9.35	128	42806	16.59	ng/ul	0.00
22) 2-Nitrophenol-d4	10.08	143	43780m	26.87	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.62	165	89587m	19.44	ng/ul	0.00
29) 4-Chloroaniline-d4	11.13	131	105491m	21.25	ng/ul	0.00
44) Dimethylphthalate-d6	14.20	166	302642	17.50	ng/ul	0.00
47) Acenaphthylene-d8	14.50	160	416999	16.98	ng/ul	0.00
52) 4-Nitrophenol-d4	15.00	143	46144m	15.57	ng/ul	0.00
58) Fluorene-d10	15.79	176	287000	15.76	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.90	200	29946	19.90	ng/ul	0.00
71) Anthracene-d10	17.64	188	419670	15.87	ng/ul	0.00
77) Pyrene-d10	19.92	212	442027	16.58	ng/ul	0.00
88) Benzo(a)pyrene-d12	24.93	264	402654	14.82	ng/ul	0.01

Target Compounds

						Ovalue
45) Dimethylphthalate	14.25	163	50536	2.87	ng/ul	99
70) Phenanthrene	17.58	178	33466	1.13	ng/ul	95
75) Fluoranthene	19.59	202	73458	2.18	ng/ul	96
78) Pyrene	19.95	202	63971m	1.94	ng/ul	
79) Butylbenzylphthalate	20.82	149	8365	1.15	ng/ul#	89
81) Benzo(a)anthracene	21.81	228	41341	1.30	ng/ul	96
82) Bis(2-ethylhexyl)phthalate	21.70	149	25664	2.16	ng/ul	99
83) Chrysene	21.87	228	37250	1.19	ng/ul	96
86) Benzo(b)fluoranthene	24.11	252	64840	1.98	ng/ul#	93
89) Benzo(a)pyrene	25.01	252	38922	1.19	ng/ul#	87

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

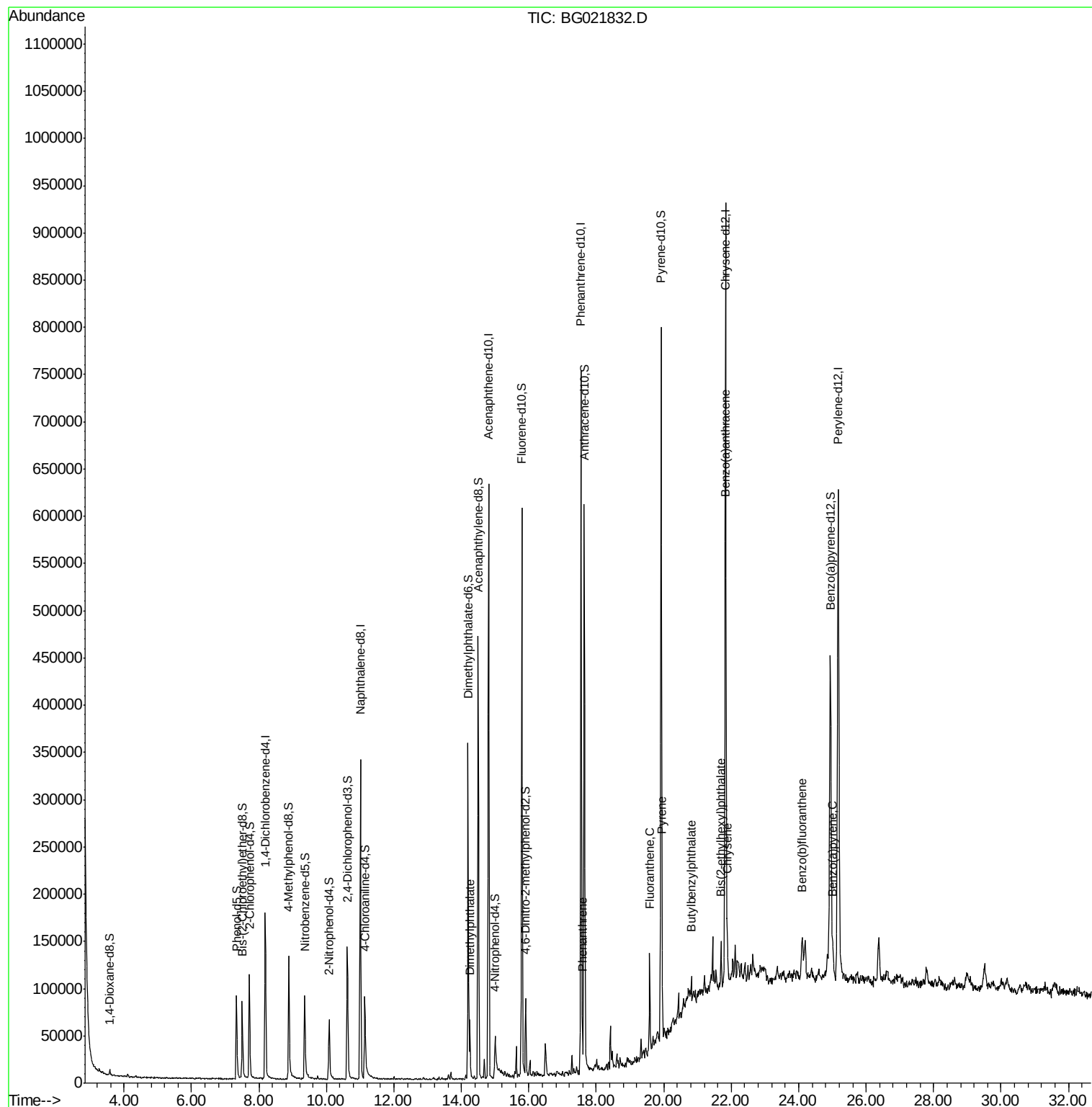
Data Path : Z:\HPCHEM1\BNA G\DATA\BG051016\
Data File : BG021832.D
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Operator : UM/SJ
Sample : H2937-05
Misc :
ALS Vial : 33 Sample Multiplier: 1

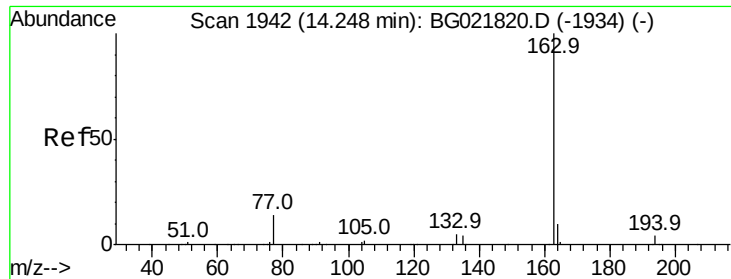
Instrument :
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Quant Title : SVOA CALIBRATION
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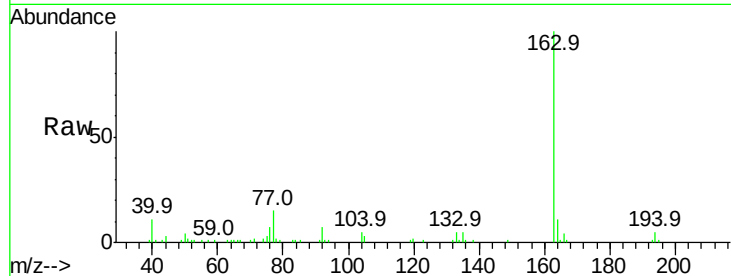
#45
Dimethylphthalate
Concen: 2.87 ng/ul
RT: 14.25 min Scan# 1942
Delta R.T. -0.00 min
Lab File: BG021832.D
Acq: 11 May 2016 1:22

Instrument :
BNA_G
ClientSampleId :
D9X83

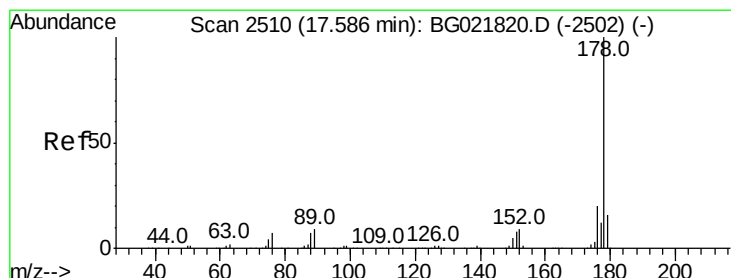
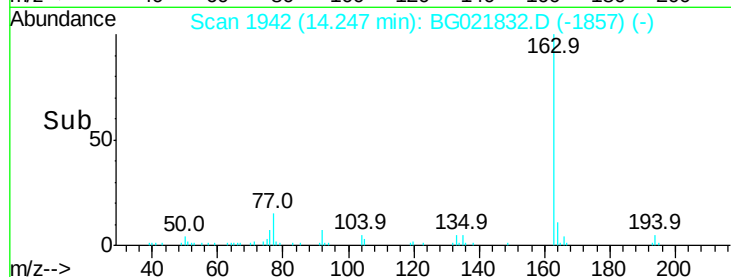
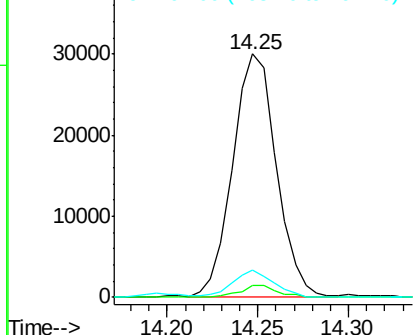
Tot Ion	Ratio	Resp	Lower	Upper
163	100	50536		
194	4.8		3.9	5.9
164	11.3		8.7	13.1

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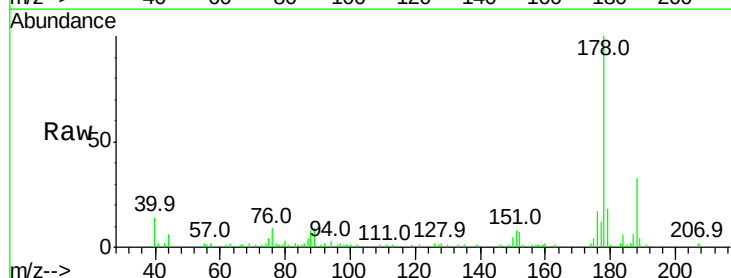


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

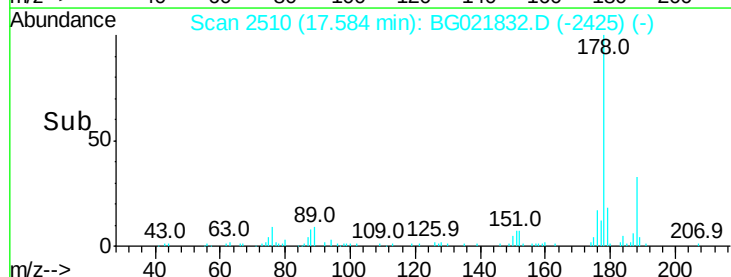
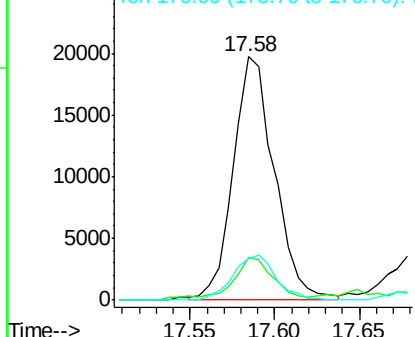


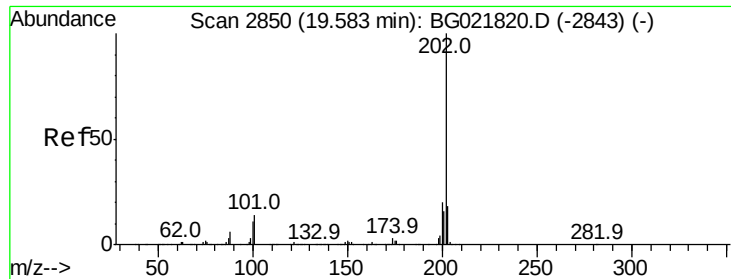
#70
Phenanthrene
Concen: 1.13 ng/ul
RT: 17.58 min Scan# 2510
Delta R.T. -0.00 min
Lab File: BG021832.D
Acq: 11 May 2016 1:22

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	33466		
179	17.7		11.8	17.8
176	17.1		14.8	22.2



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





#75

Fluoranthene

Concen: 2.18 ng/ul

RT: 19.59 min Scan# 2851

Delta R.T. 0.00 min

Lab File: BG021832.D

Acq: 11 May 2016 1:22

Instrument :

BNA_G

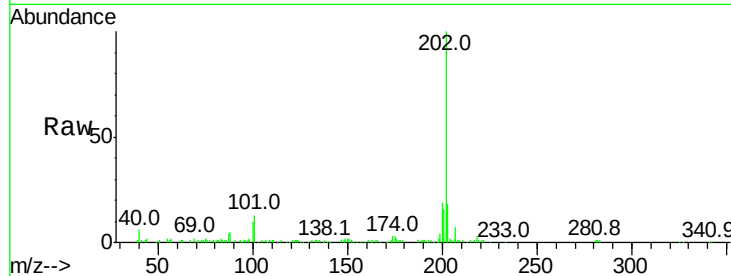
ClientSampleId :

D9X83

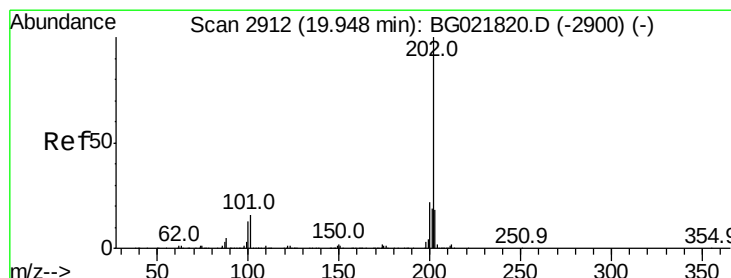
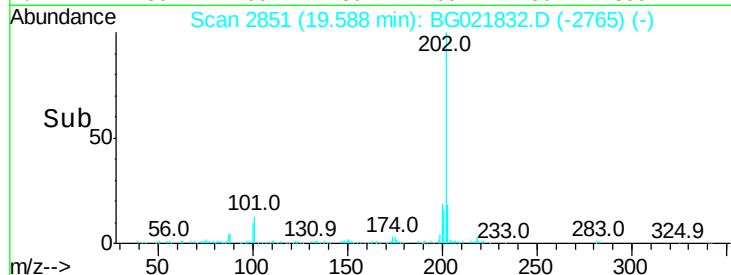
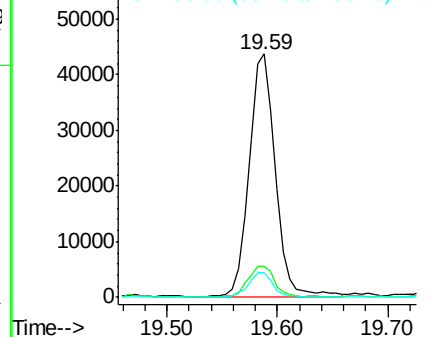
Tot Ion:	202	Resp:	73458
Ion Ratio	Lower	Upper	
202	100		
101	12.7	8.9	13.3
100	10.3	7.0	10.4

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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



#78

Pyrene

Concen: 1.94 ng/ul m

RT: 19.95 min Scan# 2912

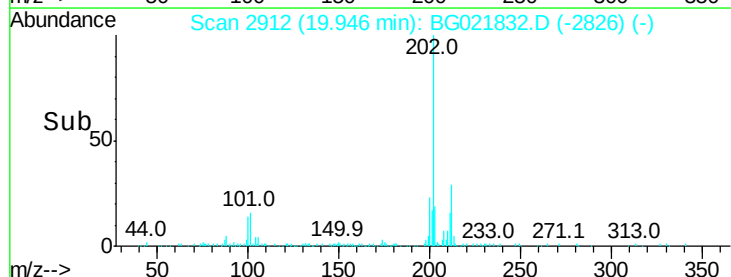
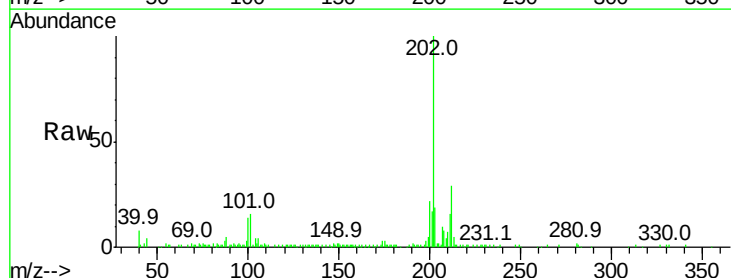
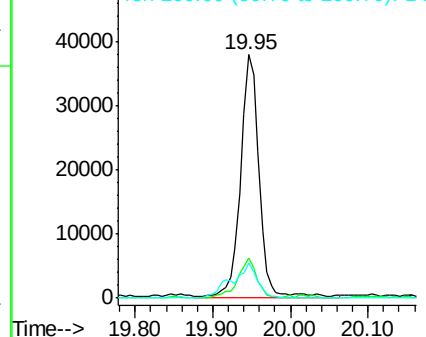
Delta R.T. 0.00 min

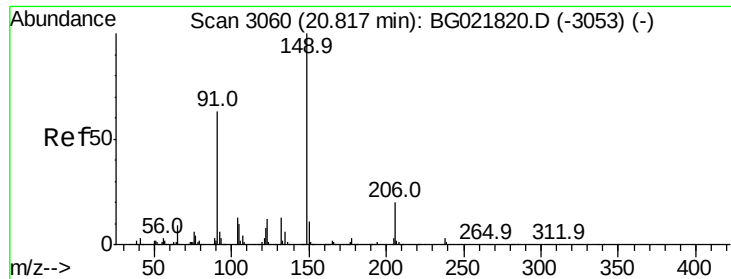
Lab File: BG021832.D

Acq: 11 May 2016 1:22

Tgt Ion:	202	Resp:	63971
Ion Ratio	Lower	Upper	
202	100		
101	16.3	9.8	14.8#
100	14.2	9.3	13.9#

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





#79

Butylbenzylphthalate

Concen: 1.15 ng/ul

RT: 20.82 min Scan# 3061

Delta R.T. 0.00 min

Lab File: BG021832.D

Acq: 11 May 2016 1:22

Instrument :

BNA_G

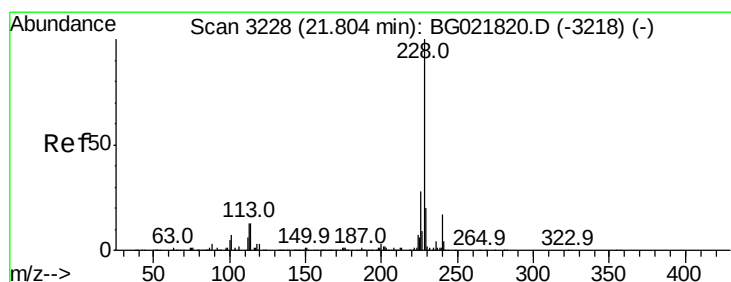
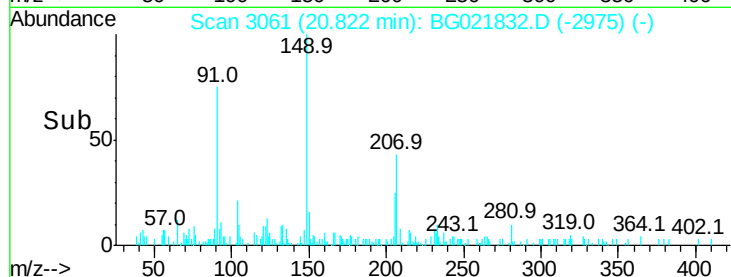
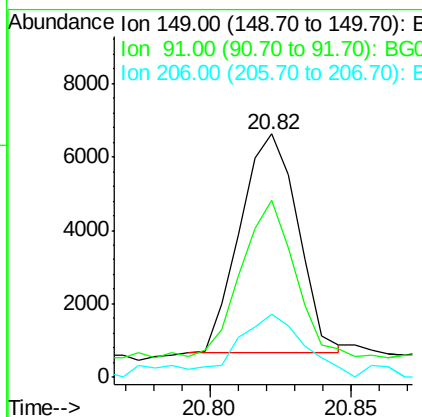
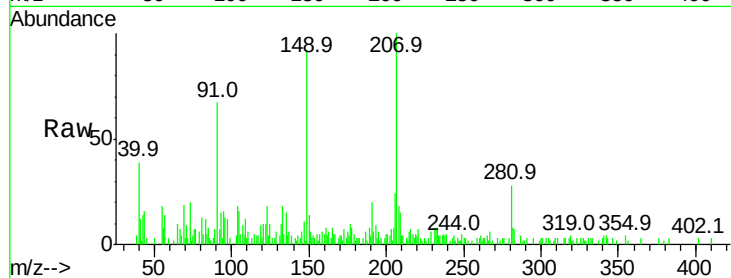
ClientSampleId :

D9X83

Tot Ion:	149	Resp:	8365
Ion Ratio	Lower	Upper	
149	100		
91	72.7	65.8	98.8
206	25.8	15.5	23.3

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#81

Benzo(a)anthracene

Concen: 1.30 ng/ul

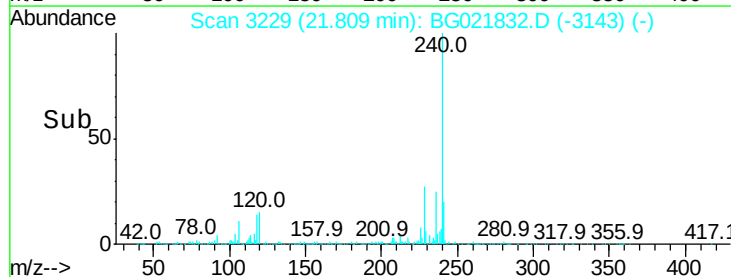
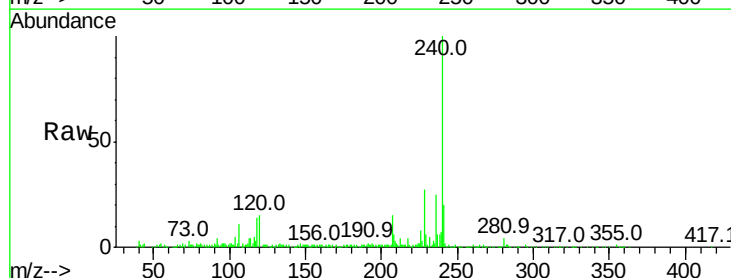
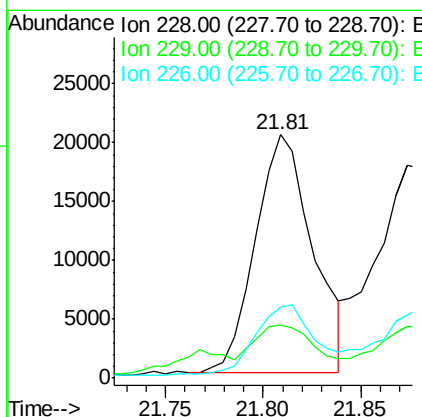
RT: 21.81 min Scan# 3229

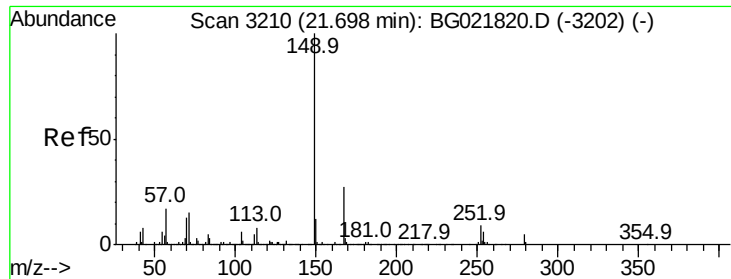
Delta R.T. 0.00 min

Lab File: BG021832.D

Acq: 11 May 2016 1:22

Tgt Ion:	228	Resp:	41341
Ion Ratio	Lower	Upper	
228	100		
229	21.9	16.6	25.0
226	29.0	21.0	31.4





#82

Bis(2-ethylhexyl)phthalate

Concen: 2.16 ng/ul

RT: 21.70 min Scan# 3210

Delta R.T. -0.00 min

Lab File: BG021832.D

Acq: 11 May 2016 1:22

Instrument :

BNA_G

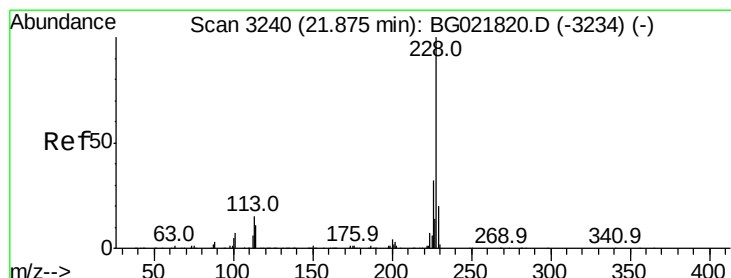
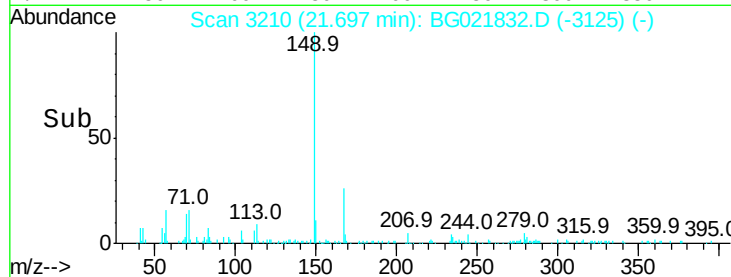
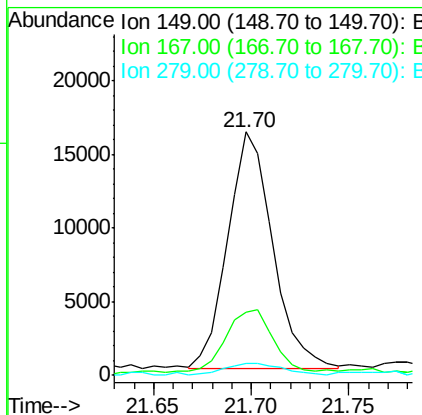
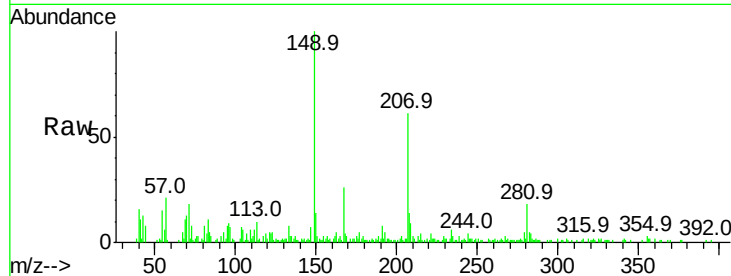
ClientSampleId :

D9X83

Tot Ion:	149	Resp:	25664
Ion Ratio	Lower	Upper	
149	100		
167	25.9	20.5	30.7
279	5.1	3.7	5.5

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#83

Chrysene

Concen: 1.19 ng/ul

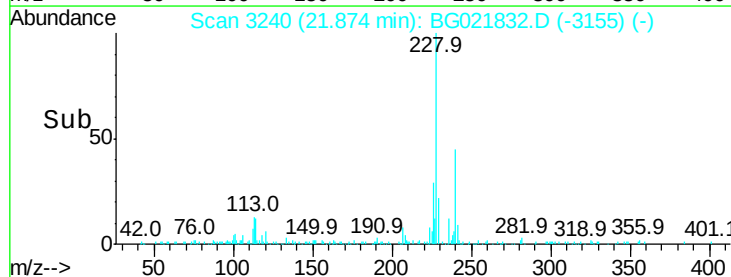
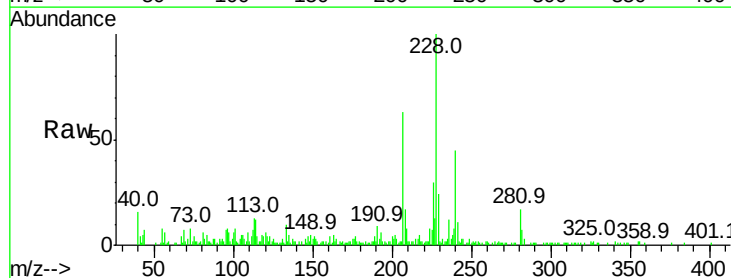
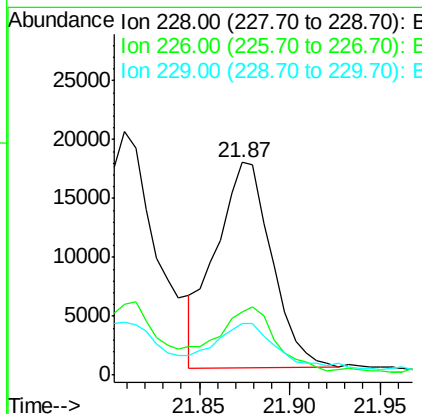
RT: 21.87 min Scan# 3240

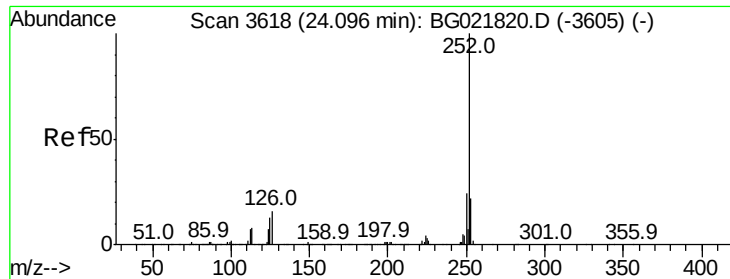
Delta R.T. -0.00 min

Lab File: BG021832.D

Acq: 11 May 2016 1:22

Tgt Ion:	228	Resp:	37250
Ion Ratio	Lower	Upper	
228	100		
226	30.0	23.4	35.2
229	24.1	16.2	24.2





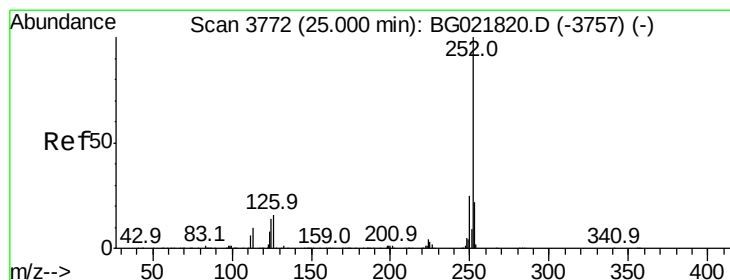
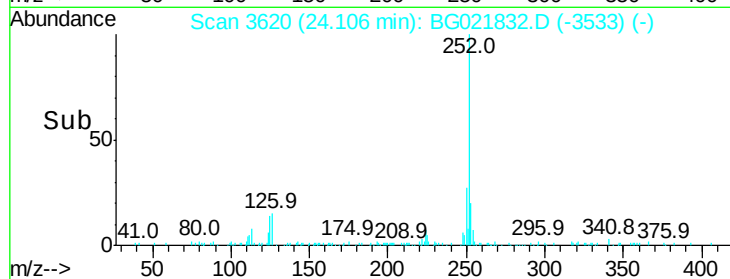
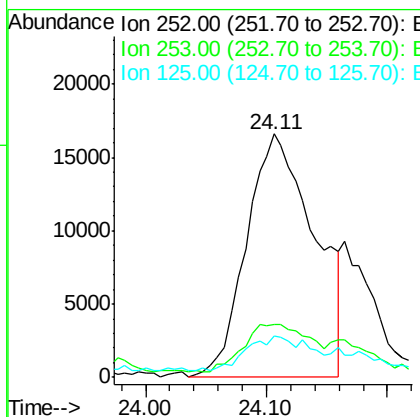
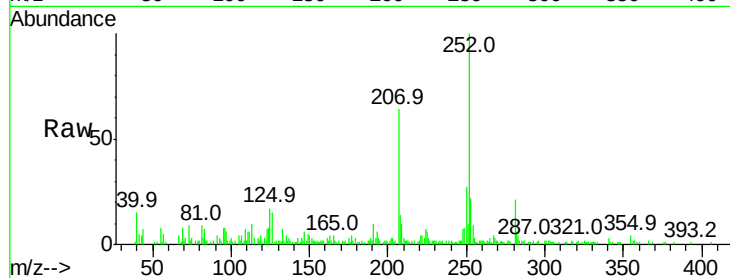
#86
Benzo(b)fluoranthene
Concen: 1.98 ng/ul
RT: 24.11 min Scan# 3620
Delta R.T. 0.01 min
Lab File: BG021832.D
Acq: 11 May 2016 1:22

Instrument :
BNA_G
ClientSampleId :
D9X83

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	21.7	18.1	27.1
125	16.8	7.6	11.4

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#89
Benzo(a)pyrene
Concen: 1.19 ng/ul
RT: 25.01 min Scan# 3774
Delta R.T. 0.02 min
Lab File: BG021832.D
Acq: 11 May 2016 1:22

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	27.2	17.4	26.0
125	16.7	8.2	12.2

