

Data Path : Z:\HPCHEM1\BNA G\DATA\BG051616\
 Data File : BG021912.D
 Acq On : 16 May 2016 18:45
 Operator : UM/SJ
 Sample : H3095-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9XD9

Manual Integrations
 APPROVED

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 5/17/2016 7:20:02 PM

Quant Time: May 17 01:47:06 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG050916.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue May 17 01:35:08 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	86613	20.00	ng/ul	0.00
18) Naphthalene-d8	10.98	136	390004	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.79	164	214956	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.53	188	443613	20.00	ng/ul	0.00
76) Chrysene-d12	21.82	240	447044	20.00	ng/ul	0.00
84) Perylene-d12	25.17	264	441038	20.00	ng/ul	0.03

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.55	96	6216	3.46	ng/uL	0.00
5) Phenol-d5	7.32	99	140162	21.81	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.48	67	68345	21.45	ng/ul	0.00
9) 2-Chlorophenol-d4	7.69	132	133534	26.77	ng/ul	0.00
13) 4-Methylphenol-d8	8.86	113	107511	19.92	ng/ul	0.00
19) Nitrobenzene-d5	9.33	128	67784	26.44	ng/ul	0.00
22) 2-Nitrophenol-d4	10.06	143	72552	44.80	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.60	165	130197m	28.43	ng/ul	0.00
29) 4-Chloroaniline-d4	11.12	131	42654	8.65	ng/ul	0.00
44) Dimethylphthalate-d6	14.19	166	397509	26.33	ng/ul	0.00
47) Acenaphthylene-d8	14.49	160	543976	25.38	ng/ul	0.00
52) 4-Nitrophenol-d4	14.98	143	42257	16.33	ng/ul	0.00
58) Fluorene-d10	15.78	176	363583	22.87	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.89	200	47526	38.68	ng/ul	0.00
71) Anthracene-d10	17.63	188	503644	23.32	ng/ul	0.00
77) Pyrene-d10	19.91	212	529771	25.32	ng/ul	0.00
88) Benzo(a)pyrene-d12	24.94	264	501603	23.94	ng/ul	0.03

Target Compounds

						Ovalue
45) Dimethylphthalate	14.23	163	172354	11.21	ng/ul	97
70) Phenanthrene	17.58	178	99643	4.11	ng/ul	98
75) Fluoranthene	19.57	202	328973	11.94	ng/ul	96
78) Pyrene	19.94	202	294637m	11.39	ng/ul	
81) Benzo(a)anthracene	21.79	228	185658	7.46	ng/ul	96
82) Bis(2-ethylhexyl)phthalate	21.68	149	25099	2.69	ng/ul#	87
83) Chrysene	21.86	228	200433	8.14	ng/ul	93
86) Benzo(b)fluoranthene	24.10	252	344164	13.63	ng/ul#	86
87) Benzo(k)fluoranthene	24.16	252	135371m	5.01	ng/ul	
89) Benzo(a)pyrene	25.01	252	201098	8.00	ng/ul#	89
90) Indeno(1,2,3-cd)pyrene	29.01	276	140656m	4.72	ng/ul	
92) Benzo(g,h,i)perylene	30.23	276	121739m	4.95	ng/ul	

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

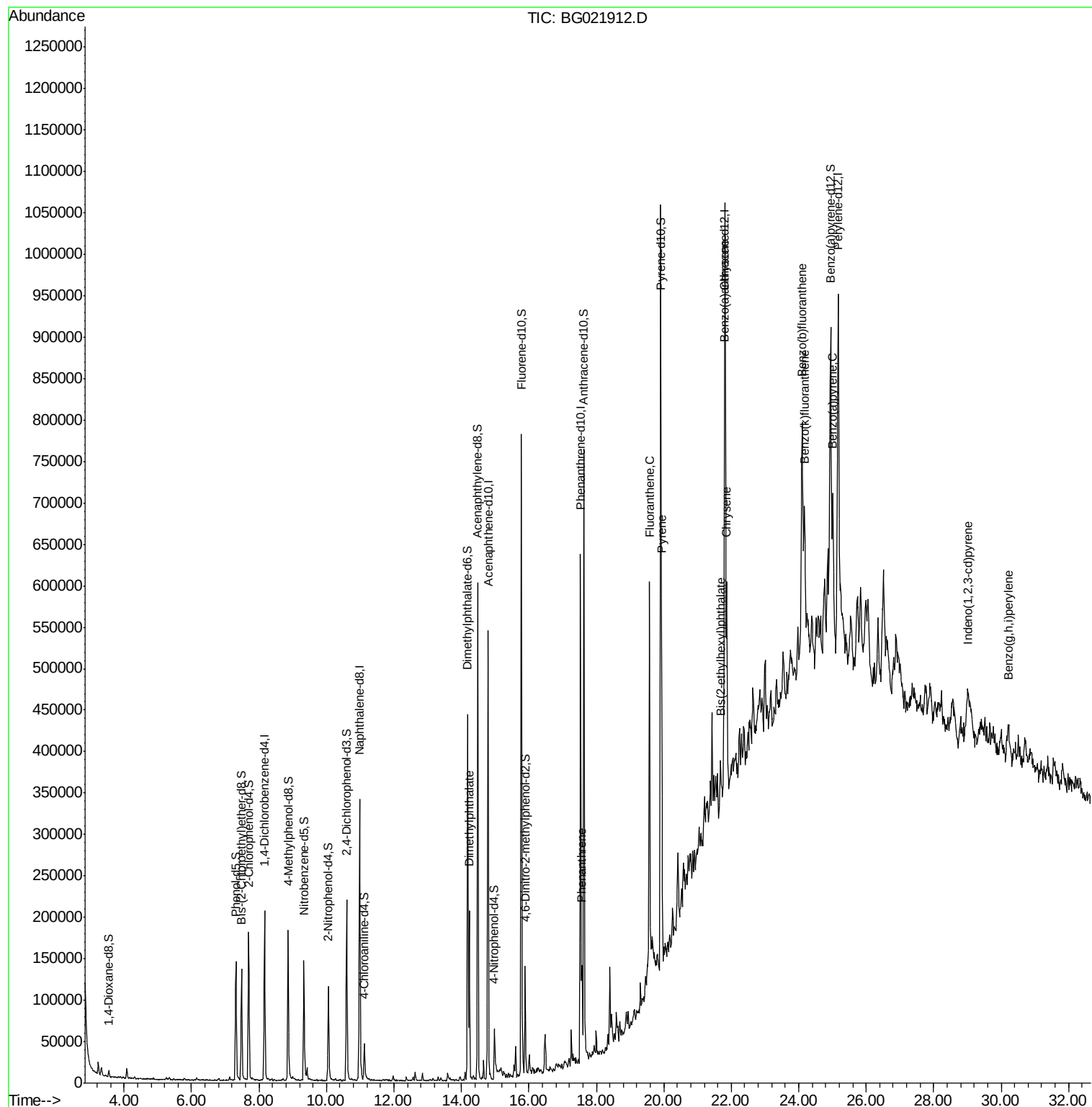
Data Path : Z:\HPCHEM1\BNA G\DATA\BG051616\
Data File : BG021912.D
Acq On : 16 May 2016 18:45
Operator : UM/SJ
Sample : H3095-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

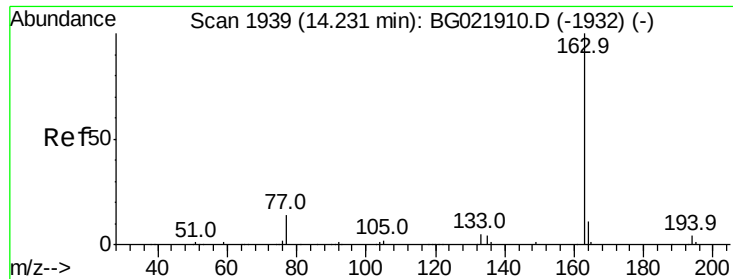
Instrument :
BNA_G
ClientSampleId :
D9XD9

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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration





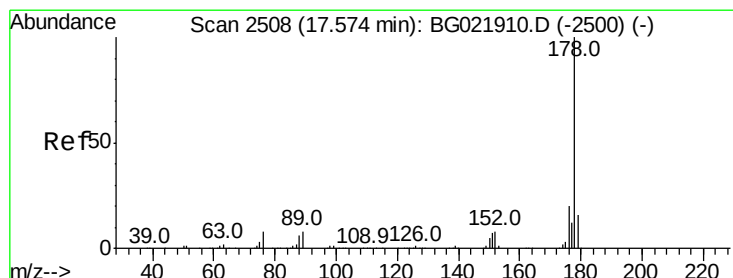
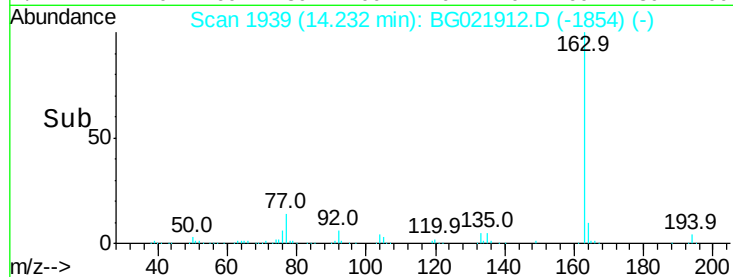
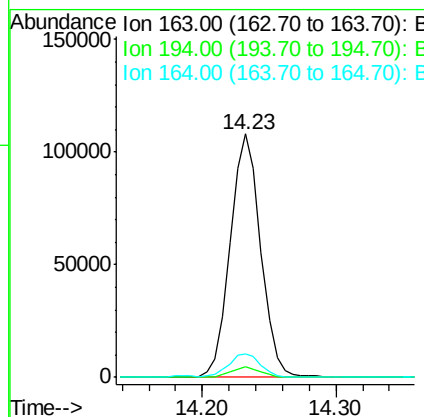
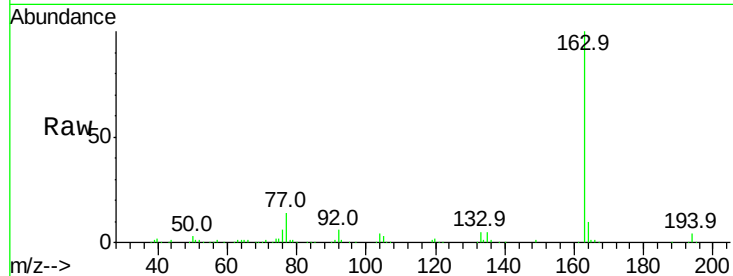
#45
Dimethylphthalate
Concen: 11.21 ng/ul
RT: 14.23 min Scan# 1939
Delta R.T. 0.00 min
Lab File: BG021912.D
Acq: 16 May 2016 18:45

Instrument :
BNA_G
ClientSampled :
D9XD9

Tot Ion	Ratio	Resp	Lower	Upper
163	100	172354		
194	4.3		3.9	5.9
164	9.7		8.7	13.1

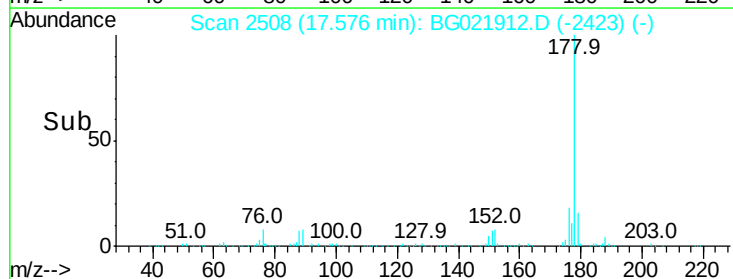
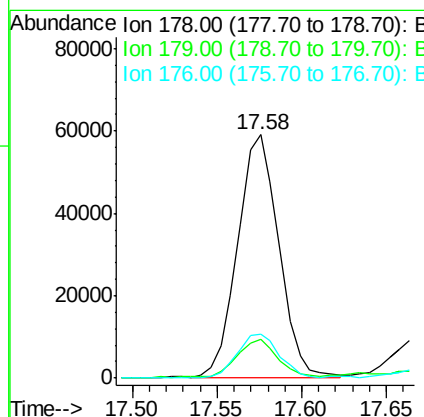
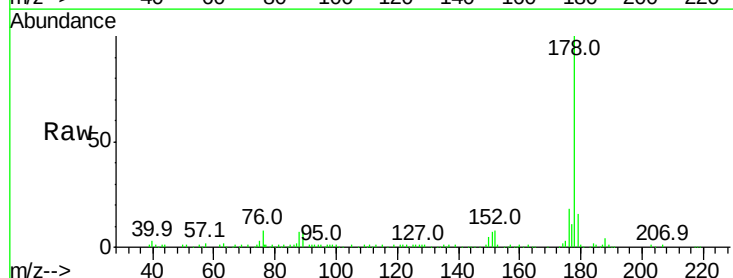
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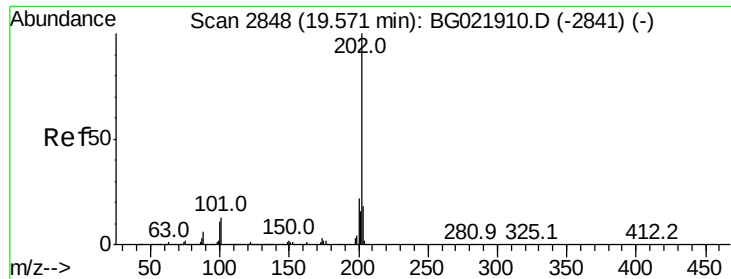
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#70
Phenanthrene
Concen: 4.11 ng/ul
RT: 17.58 min Scan# 2508
Delta R.T. 0.00 min
Lab File: BG021912.D
Acq: 16 May 2016 18:45

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	99643		
179	15.7		11.8	17.8
176	18.1		14.8	22.2





#75

Fluoranthene

Concen: 11.94 ng/ul

RT: 19.57 min Scan# 2848

Delta R.T. 0.00 min

Lab File: BG021912.D

Acq: 16 May 2016 18:45

Instrument :

BNA_G

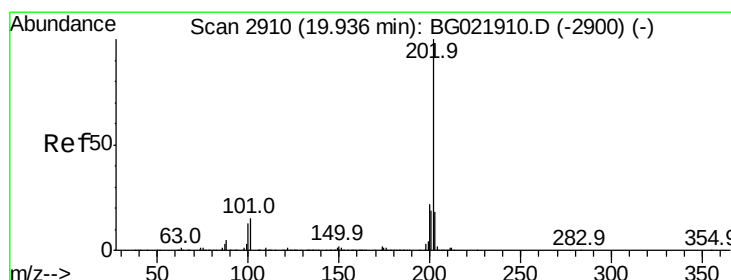
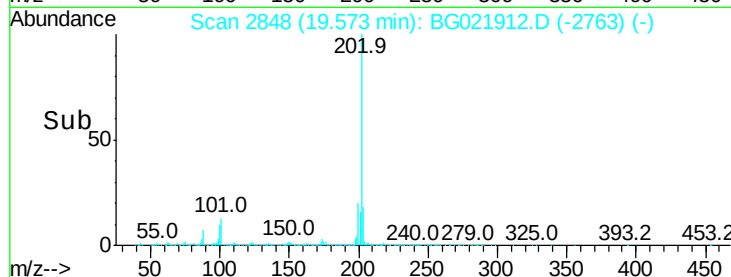
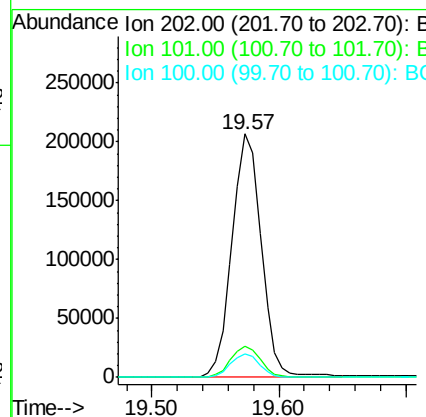
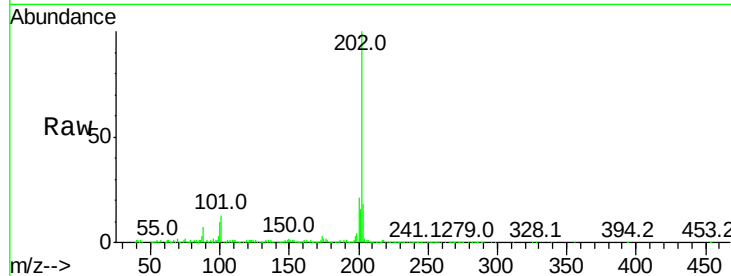
ClientSampleId :

D9XD9

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	12.8	8.9	13.3
100	9.7	7.0	10.4

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#78

Pyrene

Concen: 11.39 ng/ul m

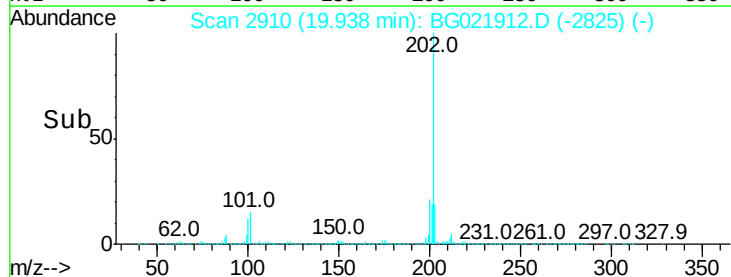
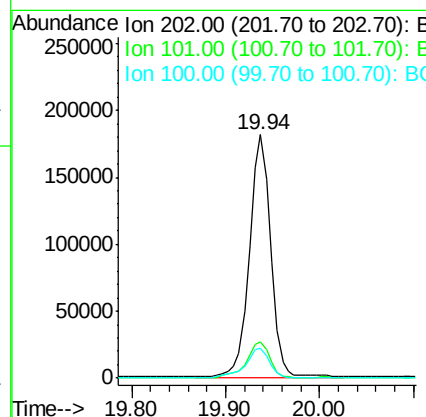
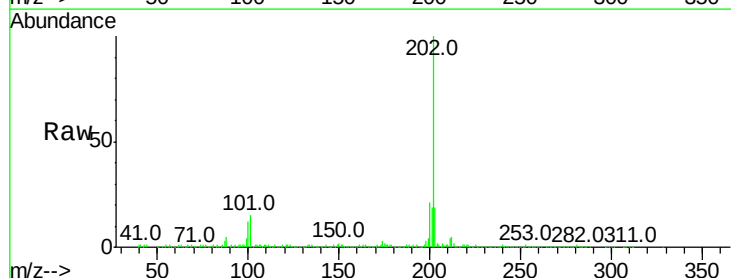
RT: 19.94 min Scan# 2910

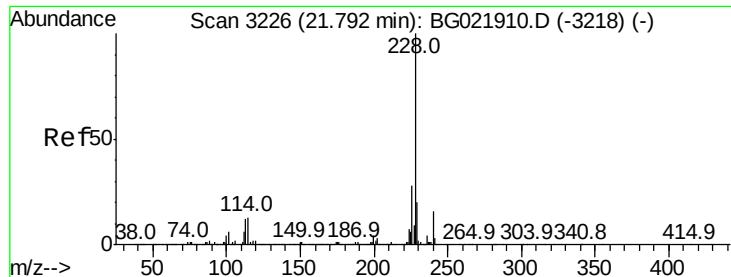
Delta R.T. 0.00 min

Lab File: BG021912.D

Acq: 16 May 2016 18:45

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	15.1	9.8	14.8#
100	12.4	9.3	13.9





#81

Benzo(a)anthracene

Concen: 7.46 ng/ul

RT: 21.79 min Scan# 3226

Delta R.T. 0.00 min

Lab File: BG021912.D

Acq: 16 May 2016 18:45

Instrument :

BNA_G

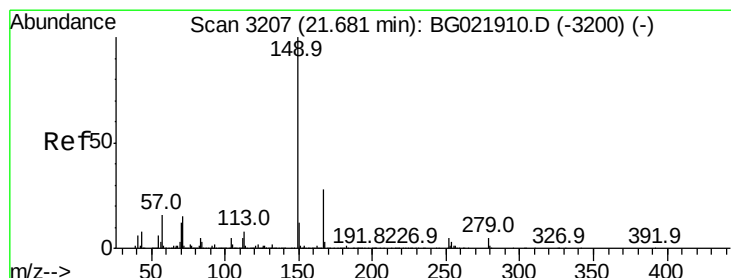
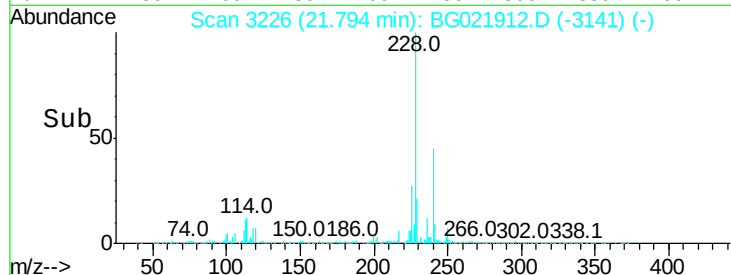
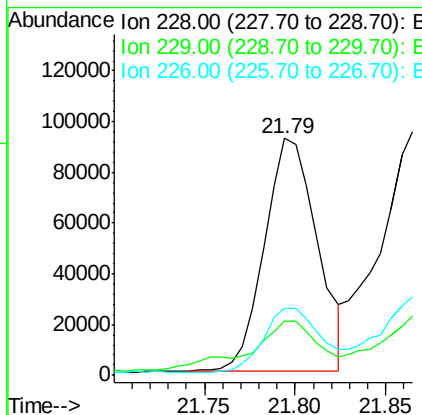
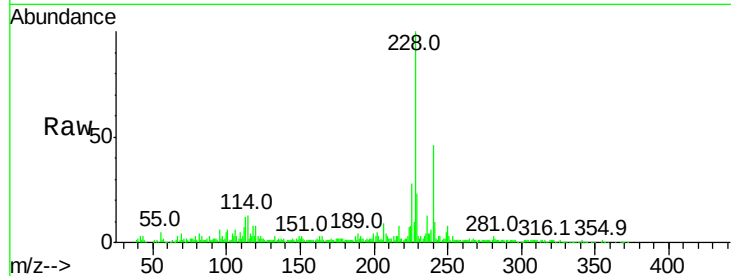
ClientSampleId :

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Tot Ion:	228	Resp:	185658
Ion Ratio	Lower	Upper	
228	100		
229	22.9	16.6	25.0
226	28.1	21.0	31.4

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#82

Bis(2-ethylhexyl)phthalate

Concen: 2.69 ng/ul

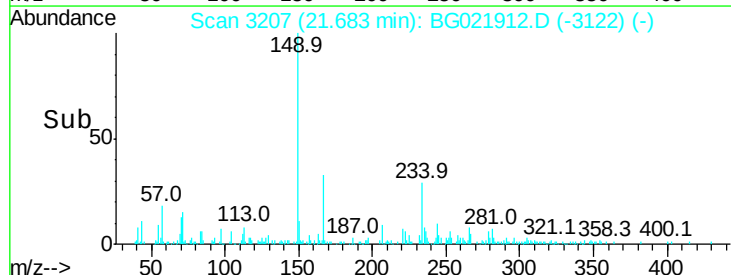
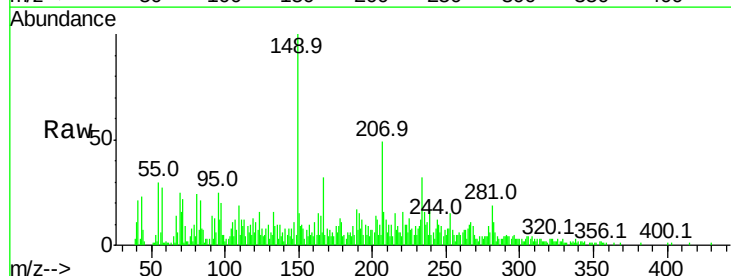
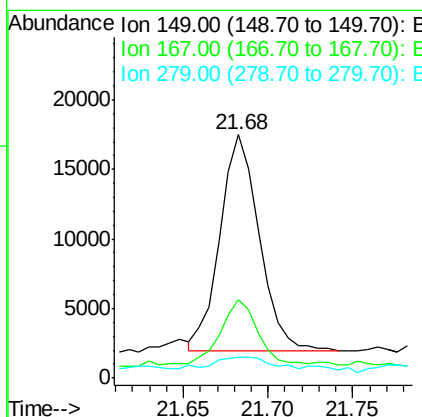
RT: 21.68 min Scan# 3207

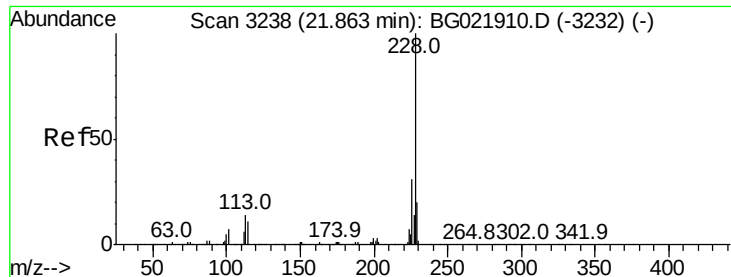
Delta R.T. 0.00 min

Lab File: BG021912.D

Acq: 16 May 2016 18:45

Tgt Ion:	149	Resp:	25099
Ion Ratio	Lower	Upper	
149	100		
167	32.4	20.5	30.7#
279	8.7	3.7	5.5#





#83

Chrysene

Concen: 8.14 ng/ul

RT: 21.86 min Scan# 3238

Delta R.T. 0.00 min

Lab File: BG021912.D

Acq: 16 May 2016 18:45

Instrument :

BNA_G

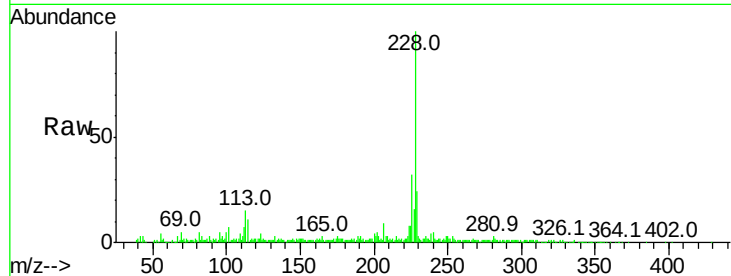
ClientSampleId :

D9XD9

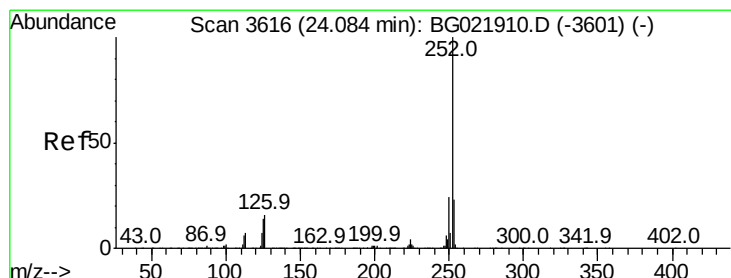
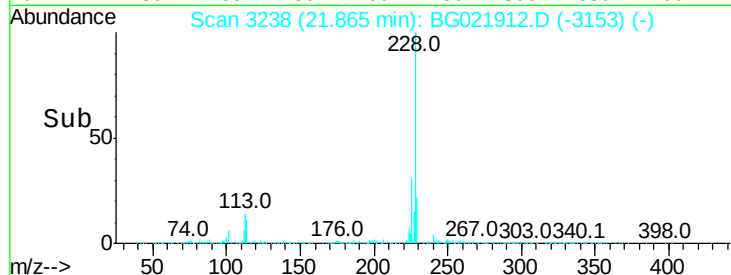
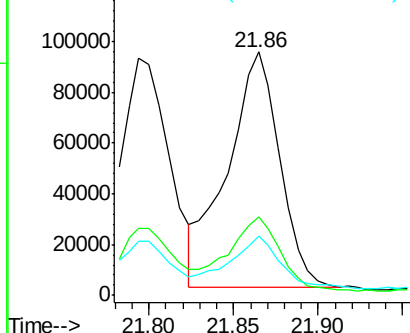
Tot Ion	Ratio	Resp	Lower	Upper
228	100	200433		
226	32.3		23.4	35.2
229	24.2		16.2	24.2

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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#86

Benzo(b)fluoranthene

Concen: 13.63 ng/ul

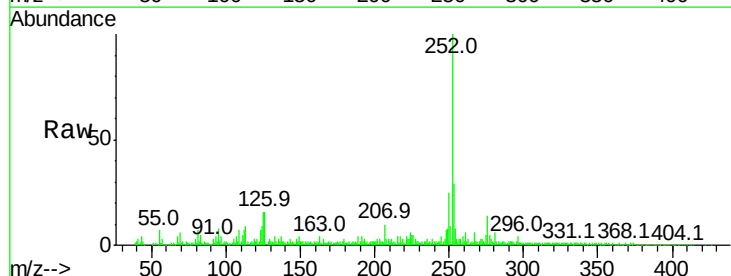
RT: 24.10 min Scan# 3619

Delta R.T. 0.02 min

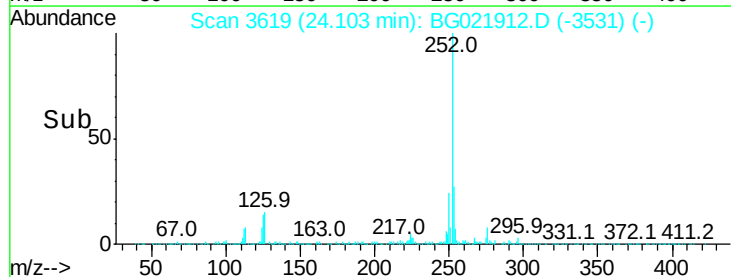
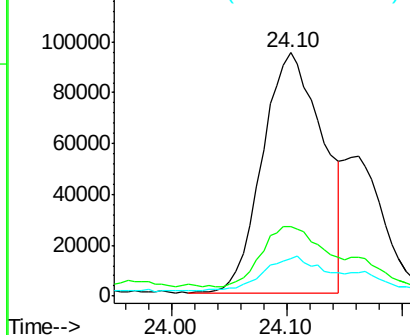
Lab File: BG021912.D

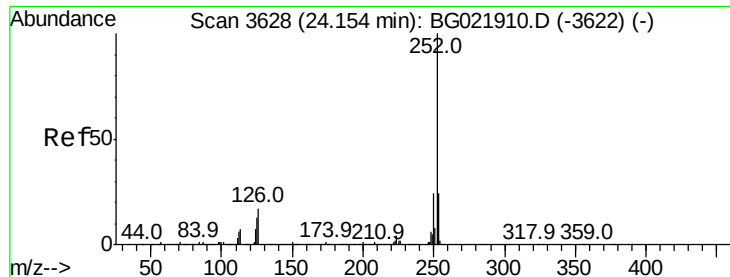
Acq: 16 May 2016 18:45

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	344164		
253	28.8		18.1	27.1#
125	15.7		7.6	11.4#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#87

Benzo(k)fluoranthene

Concen: 5.01 ng/ul m

RT: 24.16 min Scan# 3629

Delta R.T. 0.01 min

Lab File: BG021912.D

Acq: 16 May 2016 18:45

Instrument :

BNA_G

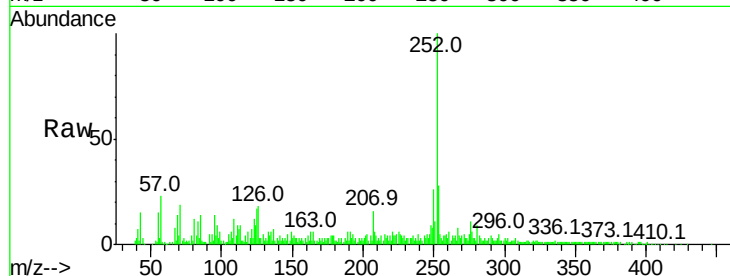
ClientSampleId :

D9XD9

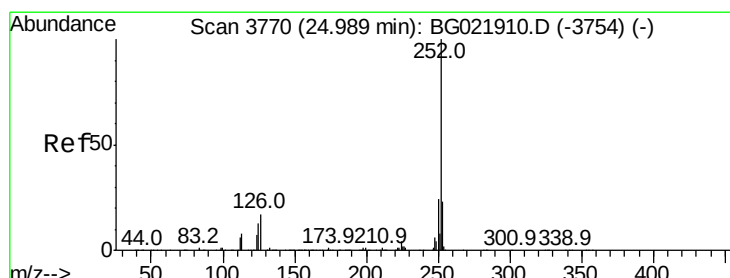
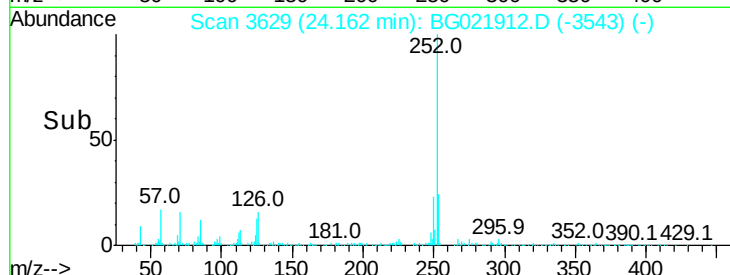
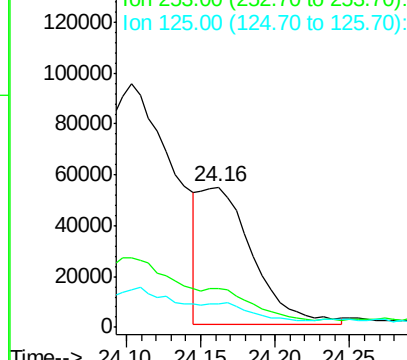
Tot Ion	Ratio	Lower	Upper
252	100		
253	28.1	17.8	26.8#
125	16.6	7.7	11.5#

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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#89

Benzo(a)pyrene

Concen: 8.00 ng/ul

RT: 25.01 min Scan# 3774

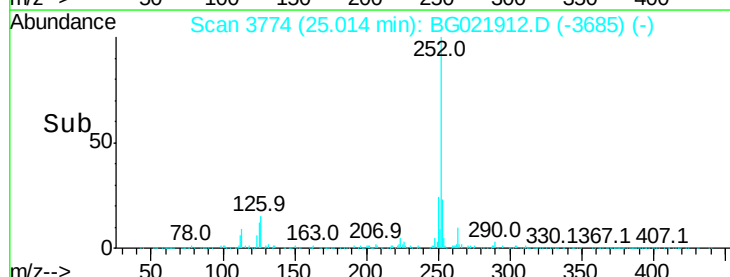
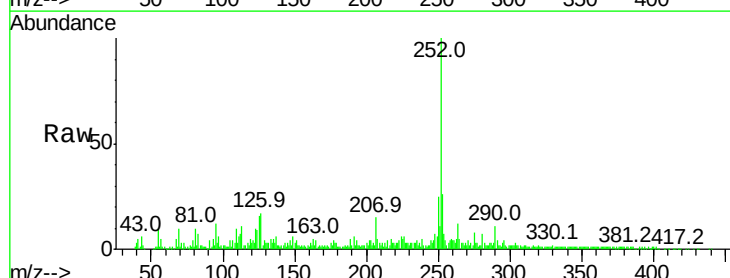
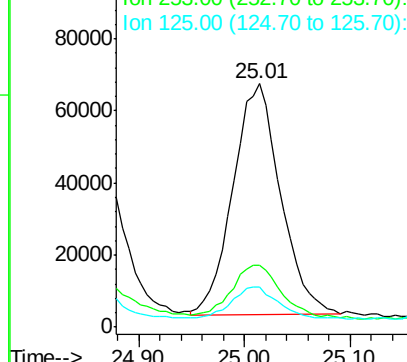
Delta R.T. 0.03 min

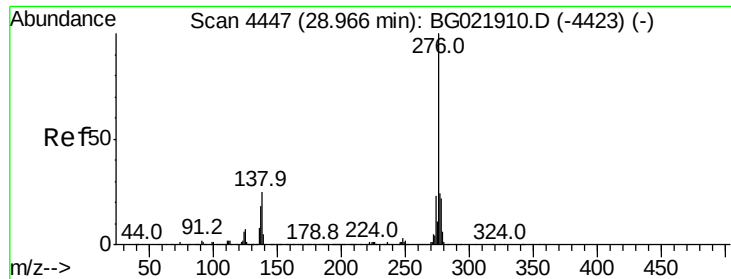
Lab File: BG021912.D

Acq: 16 May 2016 18:45

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.6	17.4	26.0
125	16.2	8.2	12.2#

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#90

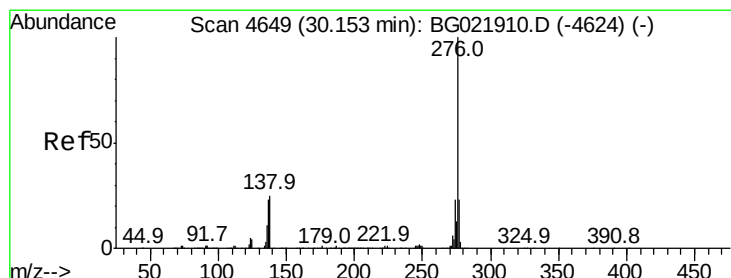
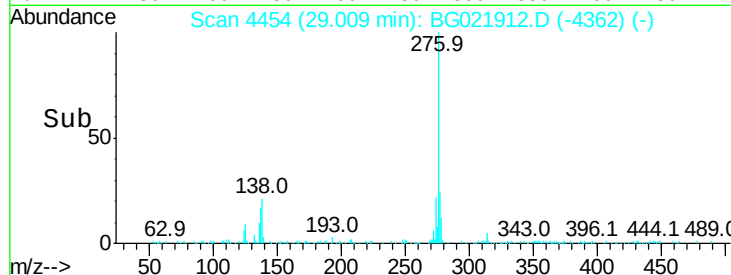
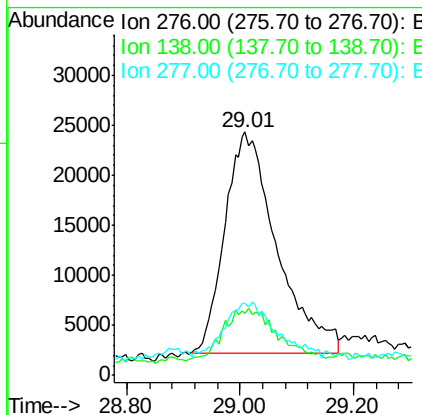
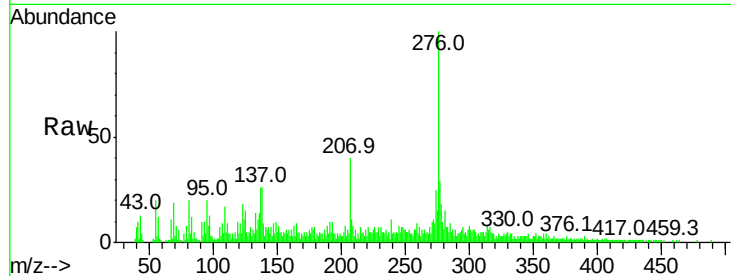
Indeno(1,2,3-cd)pyrene
Concen: 4.72 ng/ul m
RT: 29.01 min Scan# 4454
Delta R.T. 0.04 min
Lab File: BG021912.D
Acq: 16 May 2016 18:45

Instrument :
BNA_G
ClientSampleId :
D9XD9

Tot Ion	Ratio	Lower	Upper
276	100		
138	25.6	15.8	23.6#
277	29.5	19.0	28.6#

Manual Integrations
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#92

Benzo(g,h,i)perylene
Concen: 4.95 ng/ul m
RT: 30.23 min Scan# 4661
Delta R.T. 0.07 min
Lab File: BG021912.D
Acq: 16 May 2016 18:45

Tgt Ion	Ratio	Lower	Upper
276	100		
138	27.7	13.9	20.9#
277	29.3	19.8	29.6

