

Data Path : Z:\HPCHEM1\BNA G\DATA\BG051616\
 Data File : BG021907.D
 Acq On : 16 May 2016 15:26
 Operator : UM/SJ
 Sample : H3095-12
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9XE9

Manual Integrations
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 5/17/2016 7:19:26 PM

Quant Time: May 17 01:14:18 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG050916.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue May 17 00:31:45 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	75989	20.00	ng/ul	0.00
18) Naphthalene-d8	10.98	136	375221	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.79	164	222596	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.53	188	474675	20.00	ng/ul	0.00
76) Chrysene-d12	21.82	240	475092	20.00	ng/ul	0.00
84) Perylene-d12	25.15	264	471571	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.54	96	5430	3.45	ng/uL	0.00
5) Phenol-d5	7.31	99	123439	21.89	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.48	67	57438	20.54	ng/ul	0.00
9) 2-Chlorophenol-d4	7.69	132	112203	25.64	ng/ul	0.00
13) 4-Methylphenol-d8	8.87	113	110594	23.35	ng/ul	0.00
19) Nitrobenzene-d5	9.34	128	56825	23.04	ng/ul	0.00
22) 2-Nitrophenol-d4	10.06	143	64156	41.17	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.60	165	118637m	26.93	ng/ul	0.00
29) 4-Chloroaniline-d4	11.12	131	105157	22.16	ng/ul	0.00
44) Dimethylphthalate-d6	14.18	166	375318	24.01	ng/ul	0.00
47) Acenaphthylene-d8	14.48	160	502108	22.62	ng/ul	0.00
52) 4-Nitrophenol-d4	14.98	143	58927m	21.99	ng/ul	0.00
58) Fluorene-d10	15.78	176	342340	20.80	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.89	200	46919	35.68	ng/ul	0.00
71) Anthracene-d10	17.63	188	473709	20.50	ng/ul	0.00
77) Pyrene-d10	19.91	212	505951m	22.75	ng/ul	0.00
88) Benzo(a)pyrene-d12	24.92	264	473498	21.13	ng/ul	0.00

Target Compounds

						Ovalue
45) Dimethylphthalate	14.23	163	68102	4.28	ng/ul	98
69) Pentachlorophenol	17.18	266	3308	1.51	ng/ul#	53
70) Phenanthrene	17.57	178	132468	5.10	ng/ul	99
75) Fluoranthene	19.57	202	245869	8.34	ng/ul	97
78) Pyrene	19.94	202	210777	7.67	ng/ul	96
81) Benzo(a)anthracene	21.79	228	104473	3.95	ng/ul	94
82) Bis(2-ethylhexyl)phthalate	21.68	149	59256	5.97	ng/ul	95
83) Chrysene	21.86	228	109273	4.18	ng/ul	96
86) Benzo(b)fluoranthene	24.08	252	162254	6.01	ng/ul#	95
89) Benzo(a)pyrene	24.99	252	97227	3.62	ng/ul#	98
90) Indeno(1,2,3-cd)pyrene	28.94	276	74795m	2.35	ng/ul	
92) Benzo(g,h,i)perylene	30.16	276	65778m	2.50	ng/ul	

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

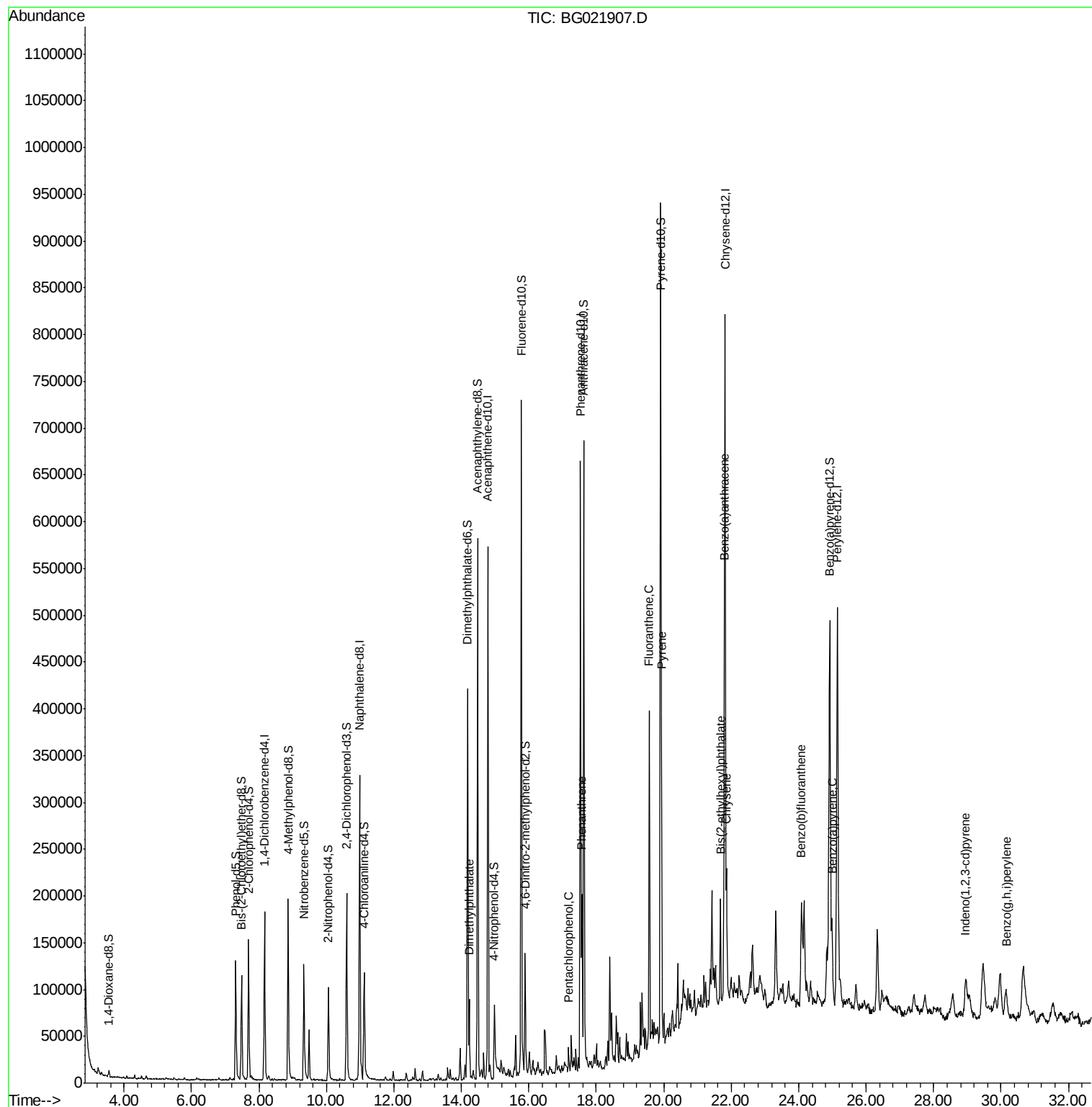
Data Path : Z:\HPCHEM1\BNA G\DATA\BG051616\
Data File : BG021907.D
Acq On : 16 May 2016 15:26
Operator : UM/SJ
Sample : H3095-12
Misc :
ALS Vial : 8 Sample Multiplier: 1

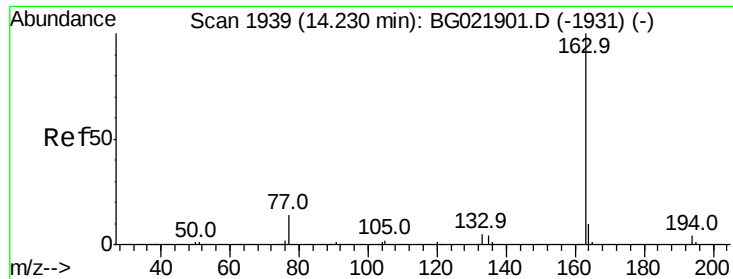
Instrument :
BNA_G
ClientSampleId :
D9XE9

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Quant Time: May 17 01:14:18 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG050916.M
Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration





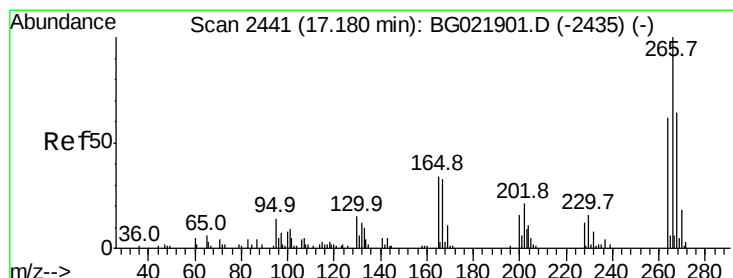
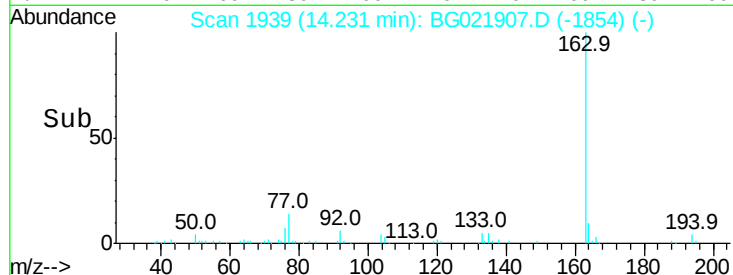
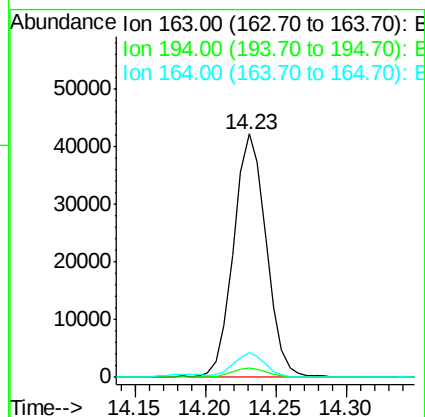
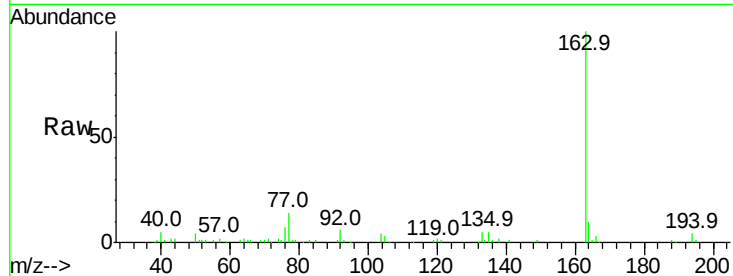
#45
Dimethylphthalate
Concen: 4.28 ng/ul
RT: 14.23 min Scan# 1939
Delta R.T. 0.00 min
Lab File: BG021907.D
Acq: 16 May 2016 15:26

Instrument :
BNA_G
ClientSampleId :
D9XE9

Tot Ion:	163	Resp:	68102
Ion Ratio	Lower	Upper	
163	100		
194	4.0	3.9	5.9
164	10.3	8.7	13.1

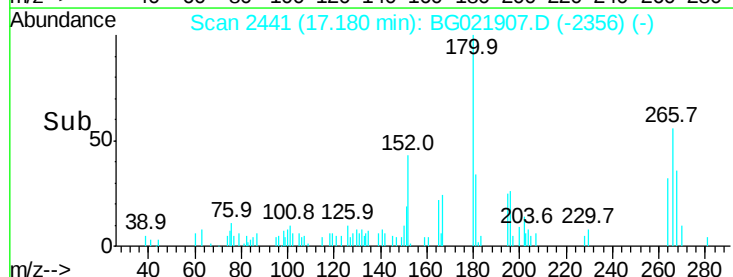
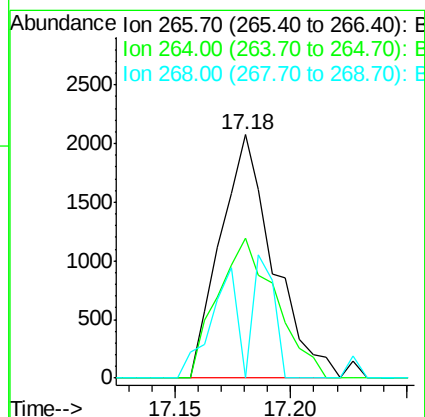
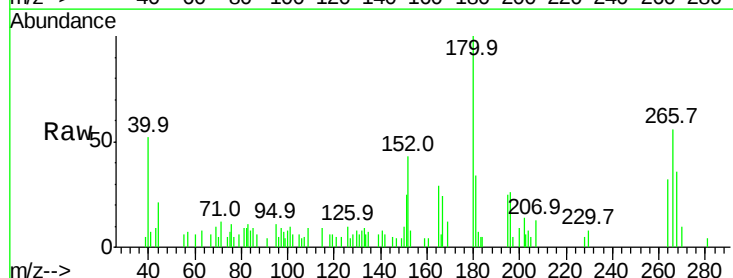
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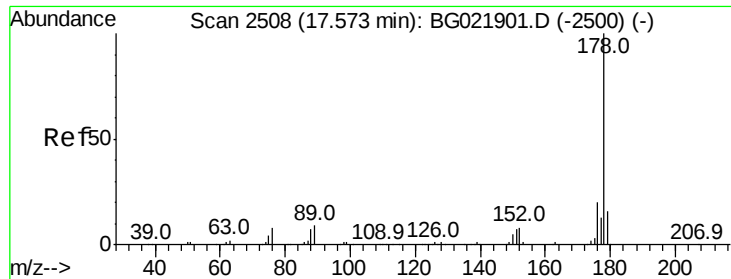
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#69
Pentachlorophenol
Concen: 1.51 ng/ul
RT: 17.18 min Scan# 2441
Delta R.T. 0.00 min
Lab File: BG021907.D
Acq: 16 May 2016 15:26

Tgt Ion:	266	Resp:	3308
Ion Ratio	Lower	Upper	
266	100		
264	57.5	56.7	85.1
268	0.0	50.6	76.0#





#70

Phenanthrene

Concen: 5.10 ng/ul

RT: 17.57 min Scan# 2508

Delta R.T. 0.00 min

Lab File: BG021907.D

Acq: 16 May 2016 15:26

Instrument :

BNA_G

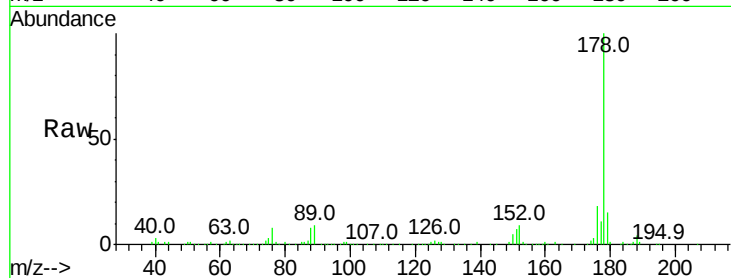
ClientSampled :

D9XE9

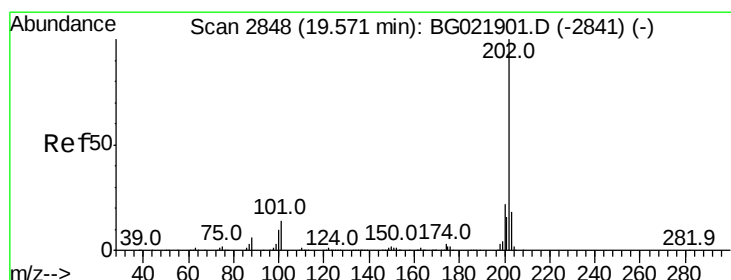
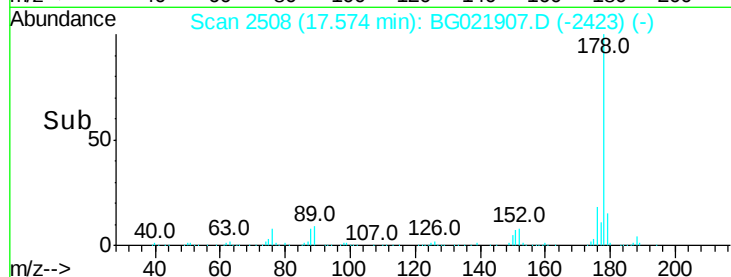
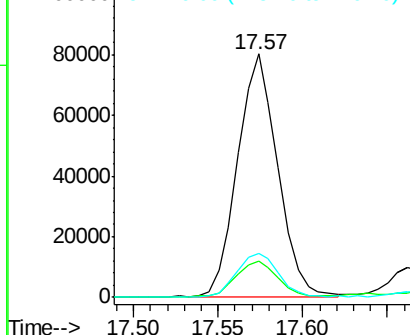
Tot Ion:	178	Resp:	132468
Ion Ratio	Lower	Upper	
178	100		
179	15.0	11.8	17.8
176	18.3	14.8	22.2

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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



#75

Fluoranthene

Concen: 8.34 ng/ul

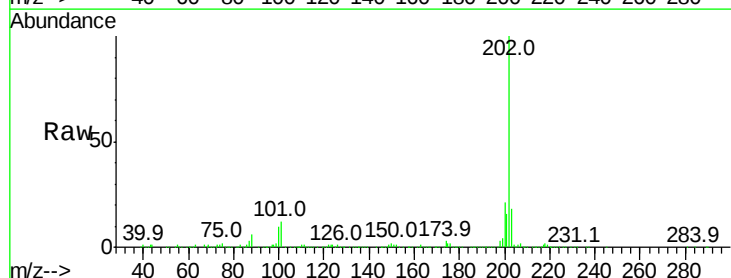
RT: 19.57 min Scan# 2848

Delta R.T. 0.00 min

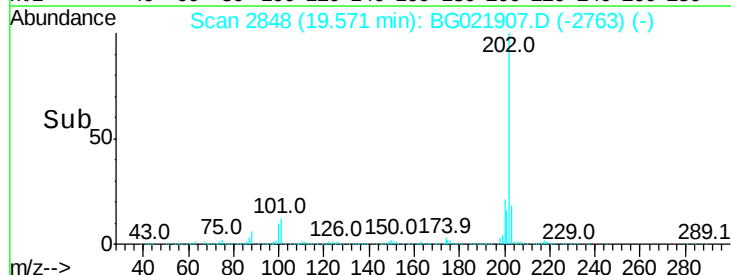
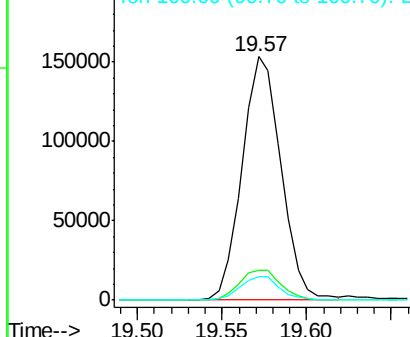
Lab File: BG021907.D

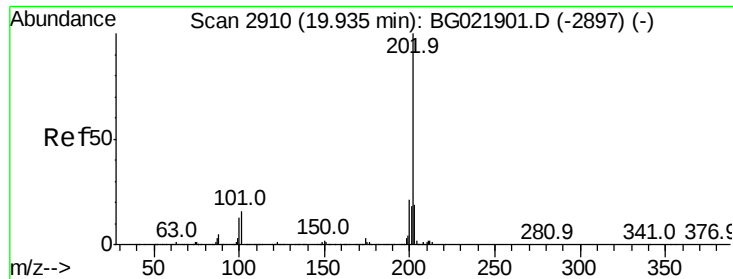
Acq: 16 May 2016 15:26

Tgt Ion:	202	Resp:	245869
Ion Ratio	Lower	Upper	
202	100		
101	12.2	8.9	13.3
100	9.5	7.0	10.4



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

Pvrene

Concen: 7.67 ng/ul

RT: 19.94 min Scan# 2910

Delta R.T. 0.00 min

Lab File: BG021907.D

Acq: 16 May 2016 15:26

Instrument :

BNA_G

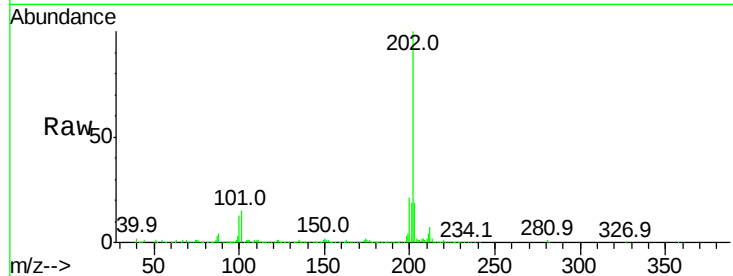
ClientSampleId :

D9XE9

Tot Ion:	202	Resp:	210777
Ion Ratio	Lower	Upper	
202	100		
101	14.6	9.8	14.8
100	12.6	9.3	13.9

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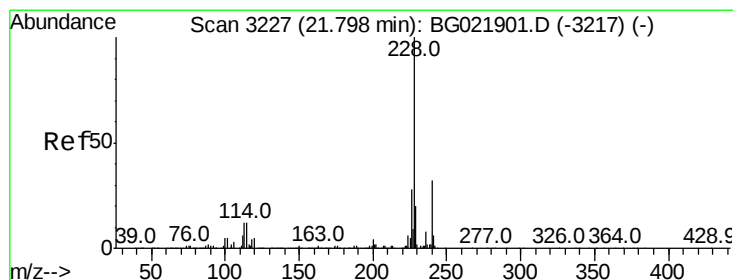
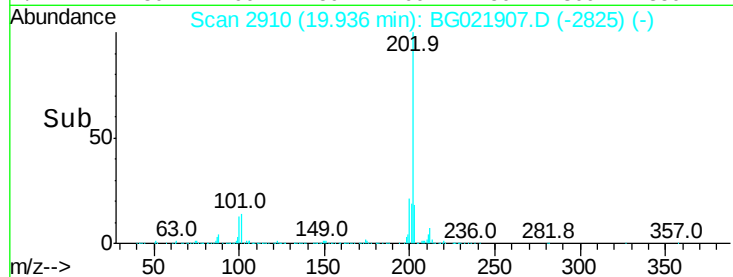
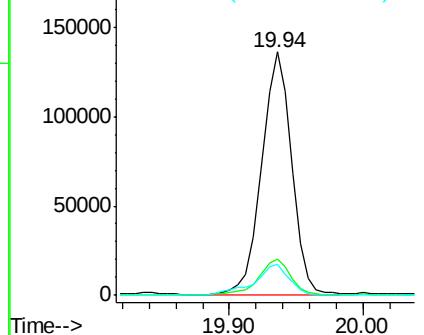
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E



#81

Benzo(a)anthracene

Concen: 3.95 ng/ul

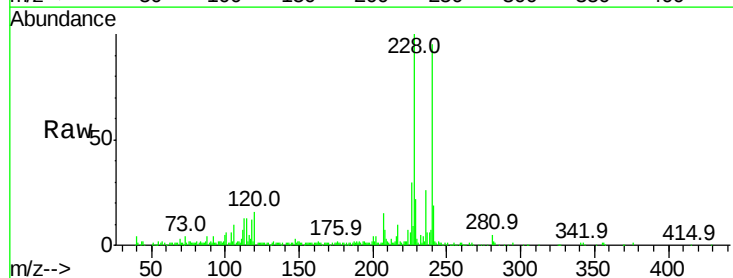
RT: 21.79 min Scan# 3226

Delta R.T. -0.01 min

Lab File: BG021907.D

Acq: 16 May 2016 15:26

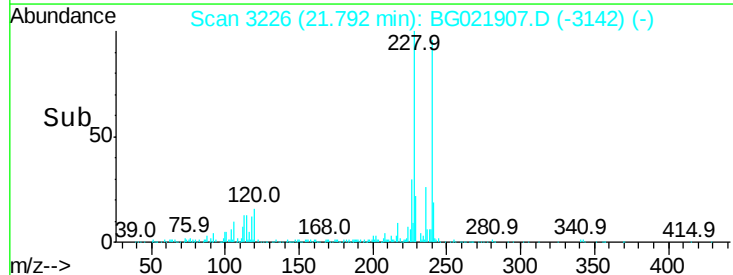
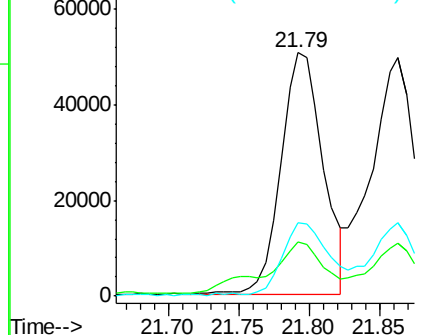
Tgt Ion:	228	Resp:	104473
Ion Ratio	Lower	Upper	
228	100		
229	22.4	16.6	25.0
226	30.3	21.0	31.4

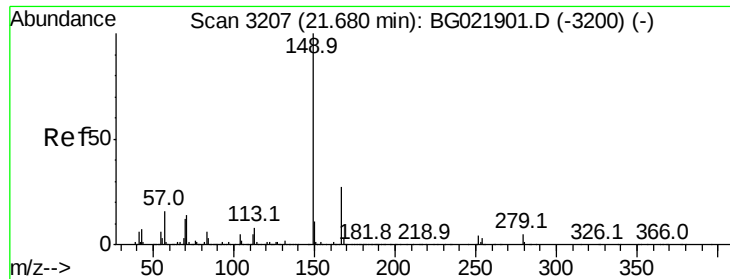


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





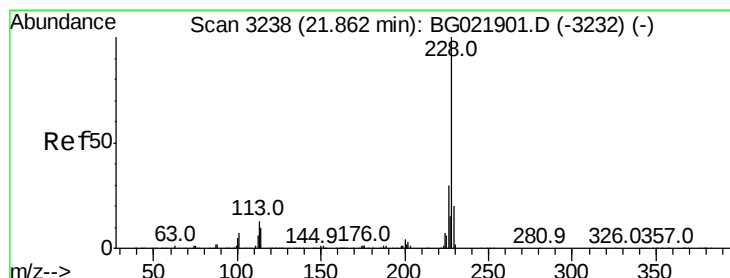
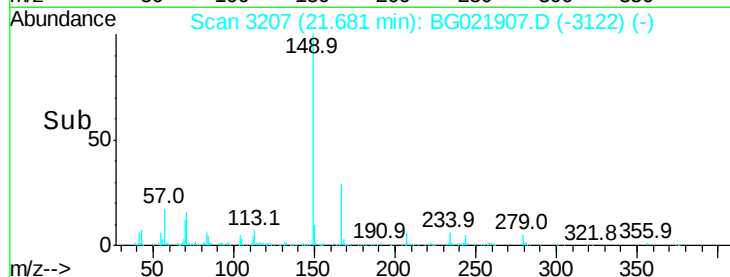
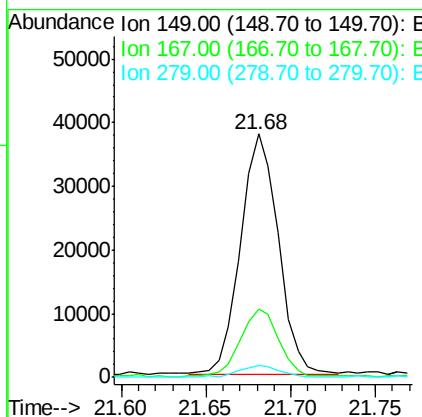
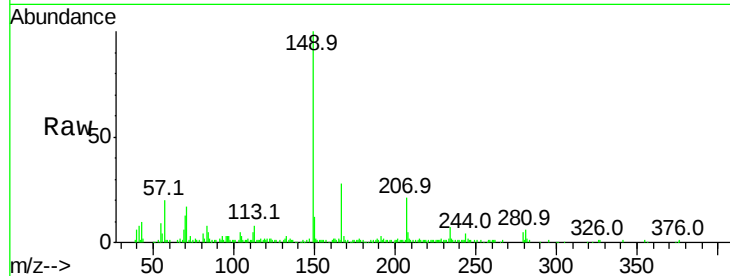
#82
 Bis(2-ethylhexyl)phthalate
 Concen: 5.97 ng/ul
 RT: 21.68 min Scan# 3207
 Delta R.T. 0.00 min
 Lab File: BG021907.D
 Acq: 16 May 2016 15:26

Instrument :
 BNA_G
 ClientSampleId :
 D9XE9

Tot Ion	Ratio	Resp	Lower	Upper
149	100	59256		
167	28.2		20.5	30.7
279	5.0		3.7	5.5

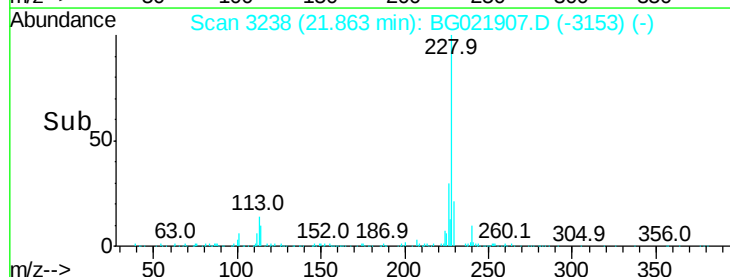
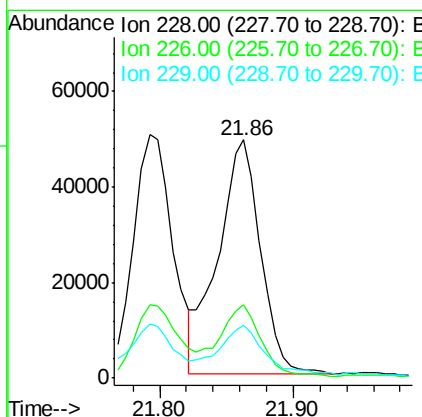
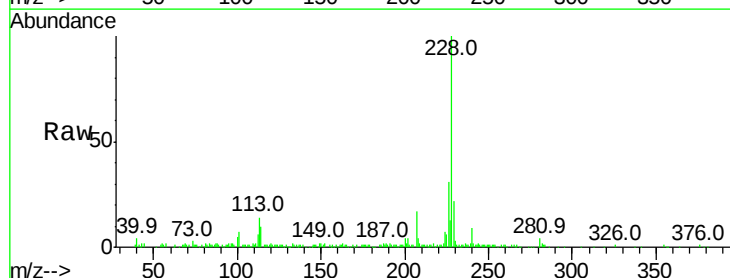
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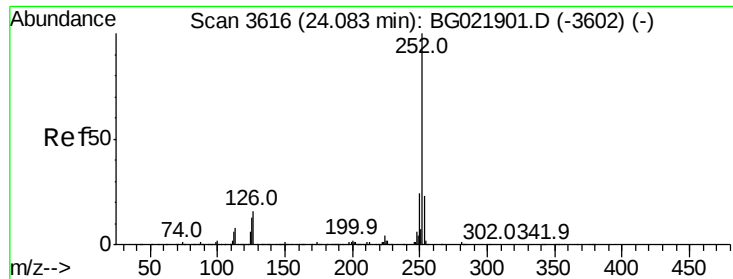
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#83
 Chrysene
 Concen: 4.18 ng/ul
 RT: 21.86 min Scan# 3238
 Delta R.T. 0.00 min
 Lab File: BG021907.D
 Acq: 16 May 2016 15:26

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	109273		
226	30.8		23.4	35.2
229	22.3		16.2	24.2





#86

Benzo(b)fluoranthene

Concen: 6.01 ng/ul

RT: 24.08 min Scan# 3616

Delta R.T. 0.00 min

Lab File: BG021907.D

Acq: 16 May 2016 15:26

Instrument :

BNA_G

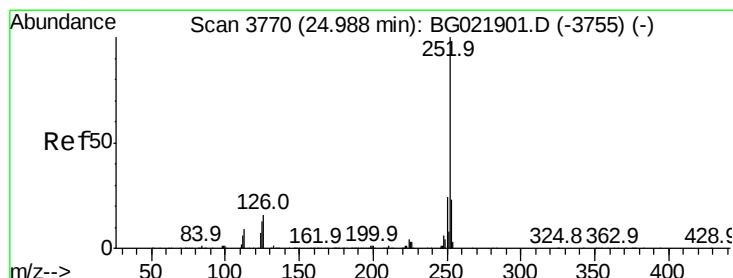
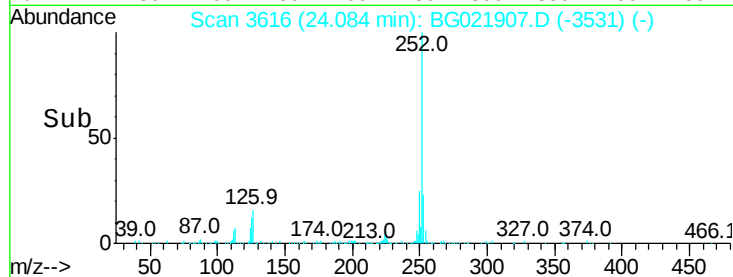
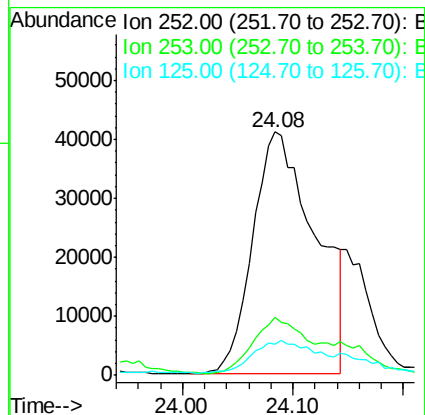
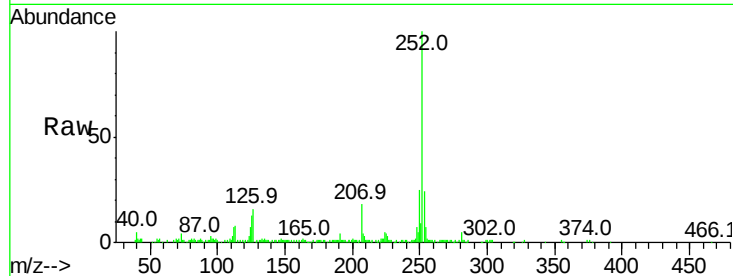
ClientSampleId :

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Tot Ion	Ratio	Resp	Lower	Upper
252	100	162254		
253	24.1	18.1	27.1	
125	12.9	7.6	11.4	

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#89

Benzo(a)pyrene

Concen: 3.62 ng/ul

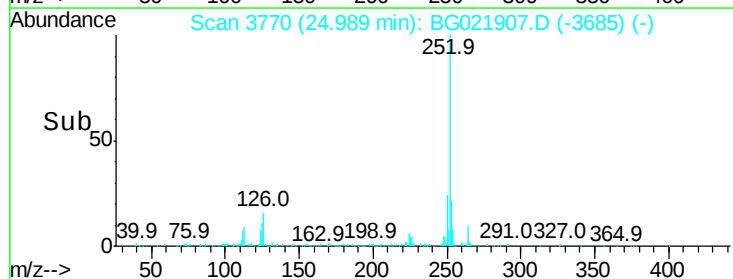
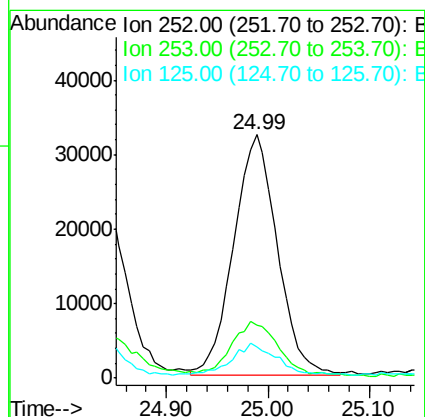
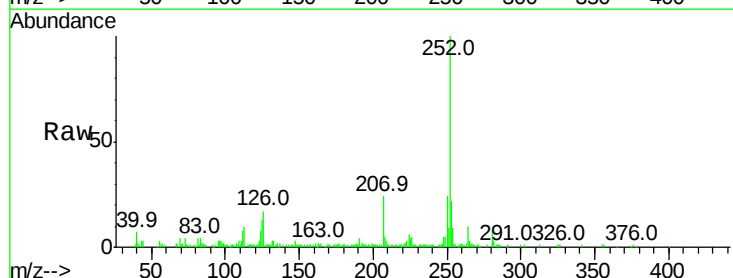
RT: 24.99 min Scan# 3770

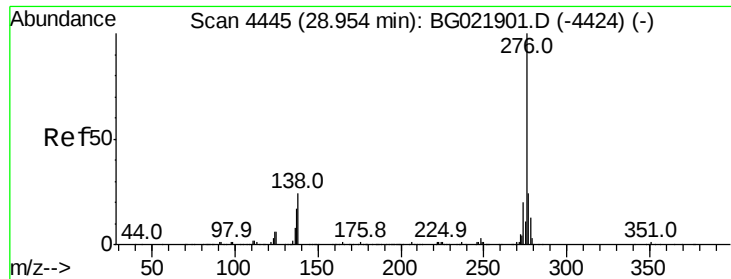
Delta R.T. 0.00 min

Lab File: BG021907.D

Acq: 16 May 2016 15:26

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	97227		
253	21.7	17.4	26.0	
125	13.0	8.2	12.2	





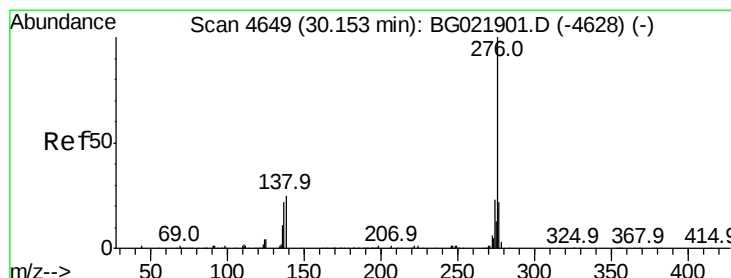
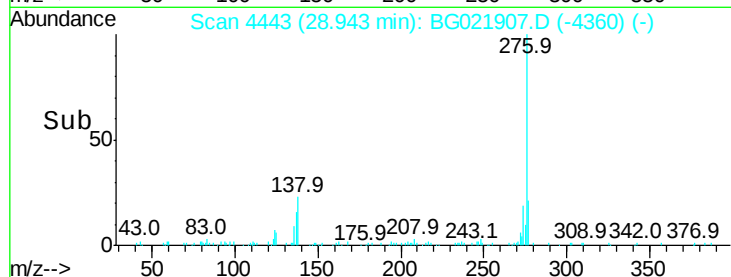
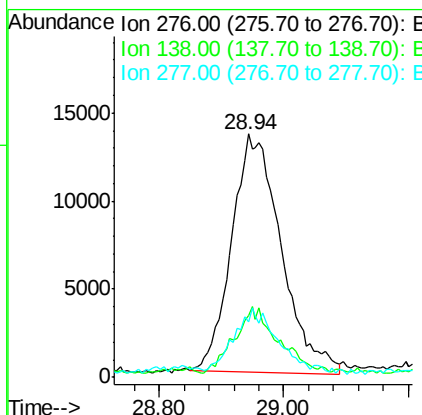
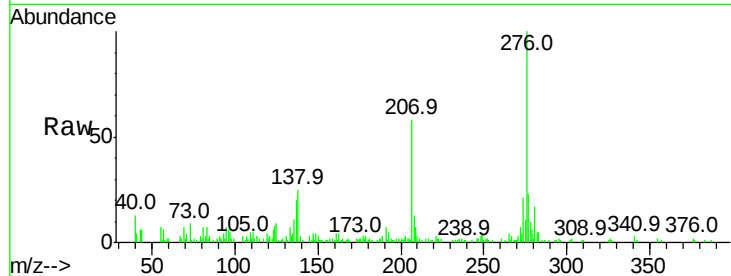
#90
 Indeno(1,2,3-cd)pyrene
 Concen: 2.35 ng/ul m
 RT: 28.94 min Scan# 4443
 Delta R.T. -0.01 min
 Lab File: BG021907.D
 Acq: 16 May 2016 15:26

Instrument :
 BNA_G
 ClientSampleId :
 D9XE9

Tot Ion	Ratio	Lower	Upper
276	100		
138	25.2	15.8	23.6#
277	22.6	19.0	28.6

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#92
 Benzo(g,h,i)perylene
 Concen: 2.50 ng/ul m
 RT: 30.16 min Scan# 4650
 Delta R.T. 0.01 min
 Lab File: BG021907.D
 Acq: 16 May 2016 15:26

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.7	13.9	20.9#
277	23.4	19.8	29.6

