

Data Path : Z:\HPCHEM1\BNA G\DATA\BG051116\
 Data File : BG021853.D
 Acq On : 11 May 2016 21:00
 Operator : UM/SJ
 Sample : H2937-20
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampled :
 D9X98

Manual Integrations
 APPROVED

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 5/12/2016 7:28:02 PM

Quant Time: May 12 08:19:42 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG050916.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu May 12 07:33:29 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.19	152	85260	20.00	ng/ul	0.00
18) Naphthalene-d8	11.01	136	430565	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.81	164	250773	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.55	188	500311	20.00	ng/ul	0.00
76) Chrysene-d12	21.84	240	482671	20.00	ng/ul	0.00
84) Perylene-d12	25.19	264	481133	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.57	96	5447	3.08	ng/uL	0.00
5) Phenol-d5	7.33	99	109919	17.37	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.50	67	54454	17.36	ng/ul	0.00
9) 2-Chlorophenol-d4	7.72	132	101419	20.65	ng/ul	0.00
13) 4-Methylphenol-d8	8.88	113	90307	16.99	ng/ul	0.00
19) Nitrobenzene-d5	9.35	128	51860	18.32	ng/ul	0.00
22) 2-Nitrophenol-d4	10.08	143	54437	30.45	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.62	165	101473	20.07	ng/ul	0.00
29) 4-Chloroaniline-d4	11.14	131	123802	22.73	ng/ul	0.00
44) Dimethylphthalate-d6	14.20	166	321699	18.26	ng/ul	0.00
47) Acenaphthylene-d8	14.50	160	438943	17.55	ng/ul	0.00
52) 4-Nitrophenol-d4	15.00	143	44285m	14.67	ng/ul	0.00
58) Fluorene-d10	15.79	176	297035	16.02	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.91	200	33654	24.28	ng/ul	0.00
71) Anthracene-d10	17.65	188	398771	16.37	ng/ul	0.00
77) Pyrene-d10	19.92	212	419186	18.55	ng/ul	0.00
88) Benzo(a)pyrene-d12	24.95	264	395865	17.32	ng/ul	0.02

Target Compounds

						Ovalue
45) Dimethylphthalate	14.25	163	79431	4.43	ng/ul	98
75) Fluoranthene	19.59	202	86059	2.77	ng/ul#	96
78) Pyrene	19.95	202	73593	2.64	ng/ul	98
81) Benzo(a)anthracene	21.82	228	58611	2.18	ng/ul	98
83) Chrysene	21.89	228	47836	1.80	ng/ul	95
86) Benzo(b)fluoranthene	24.12	252	86384	3.14	ng/ul#	88
87) Benzo(k)fluoranthene	24.16	252	36719m	1.25	ng/ul	
89) Benzo(a)pyrene	25.02	252	56279	2.05	ng/ul#	87
90) Indeno(1,2,3-cd)pyrene	29.01	276	41360m	1.27	ng/ul	
92) Benzo(g,h,i)perylene	30.21	276	32139m	1.20	ng/ul	

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

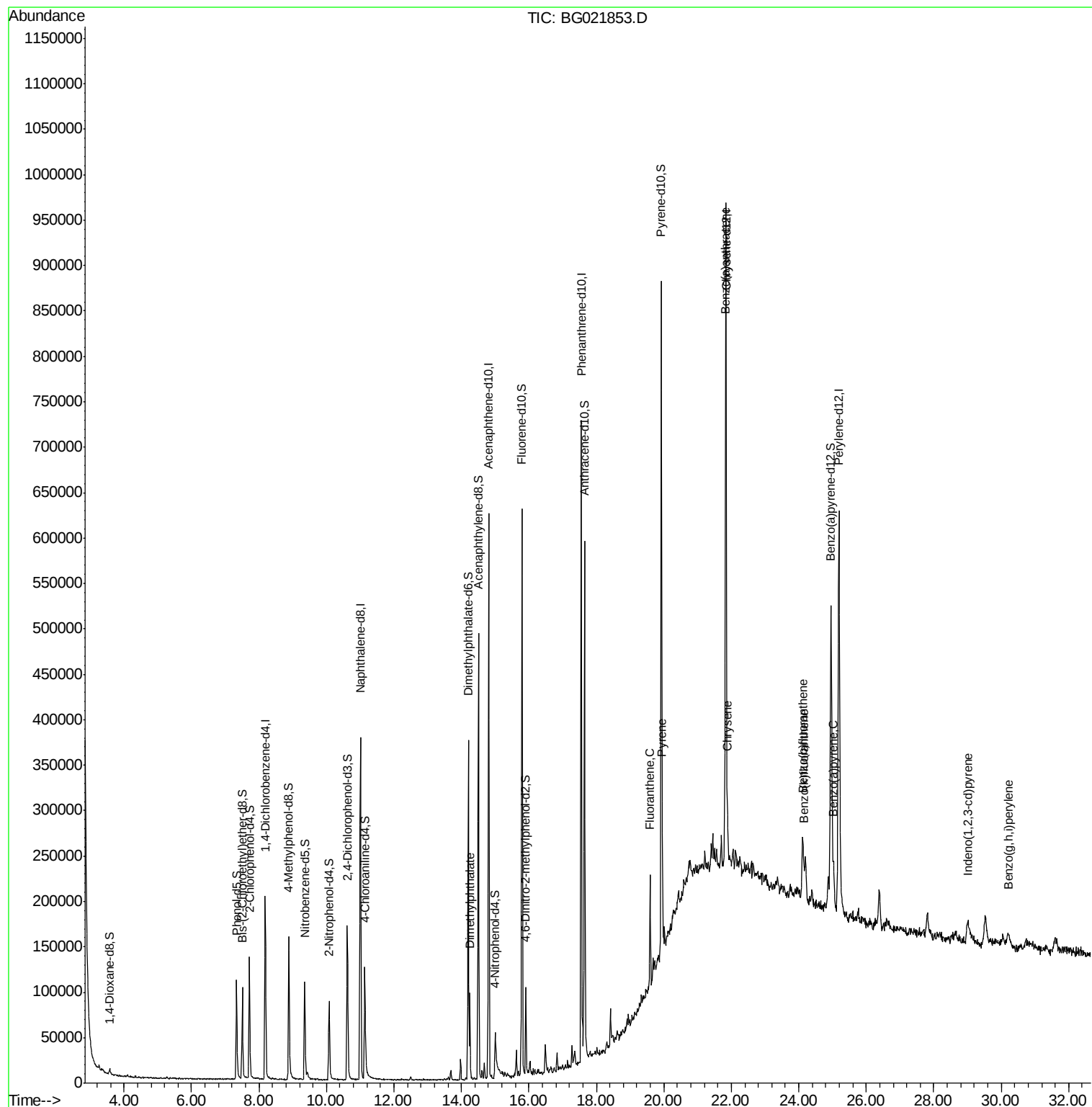
Data Path : Z:\HPCHEM1\BNA G\DATA\BG051116\
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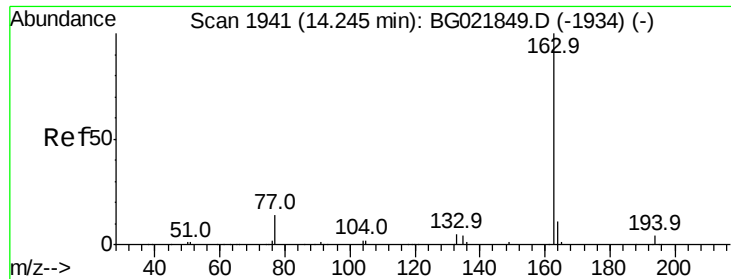
Instrument :
BNA_G
ClientSampleId :
D9X98

Manual Integrations
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG050916.M
Quant Title : SVOA CALIBRATION
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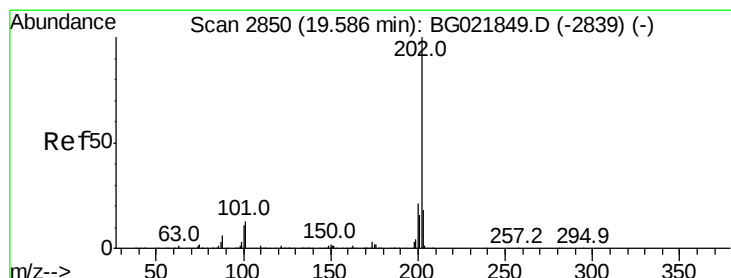
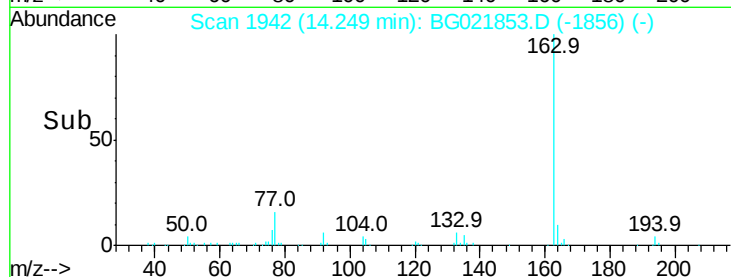
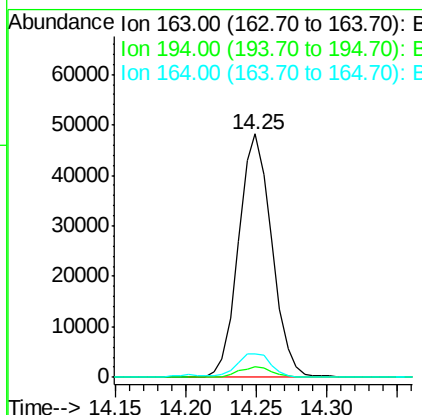
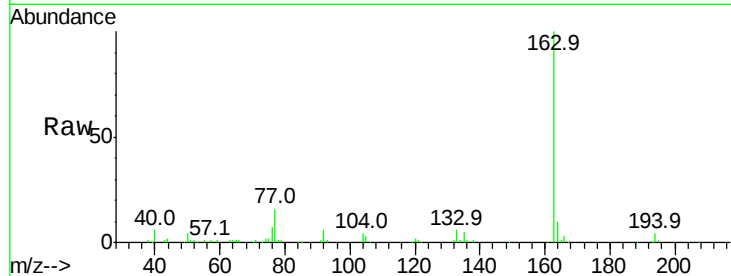
#45
Dimethylphthalate
Concen: 4.43 ng/ul
RT: 14.25 min Scan# 1942
Delta R.T. 0.00 min
Lab File: BG021853.D
Acq: 11 May 2016 21:00

Instrument :
BNA_G
ClientSampleId :
D9X98

Tot Ion	Ratio	Resp	Lower	Upper
163	100	79431		
194	4.4		3.9	5.9
164	9.8		8.7	13.1

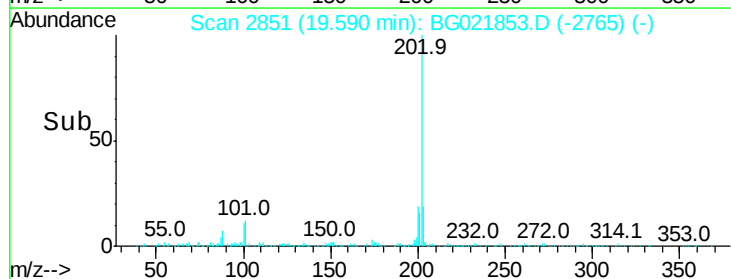
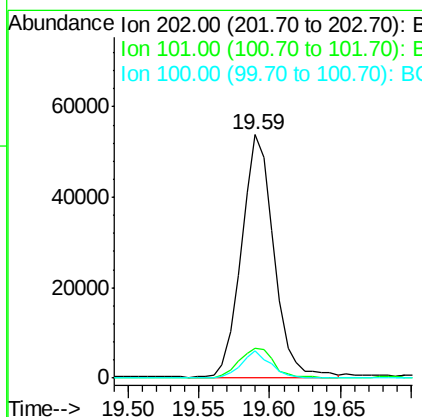
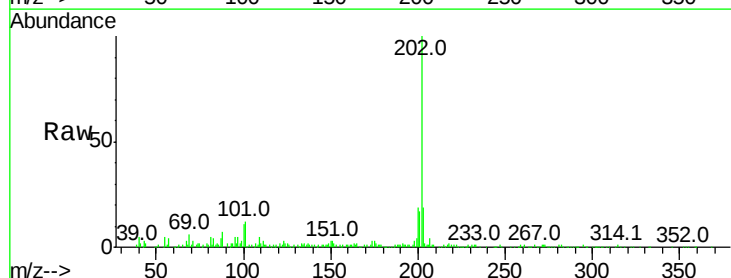
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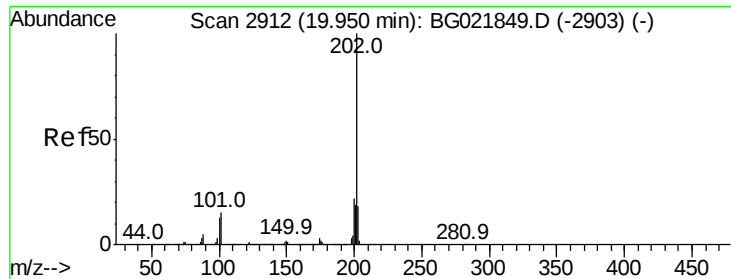
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#75
Fluoranthene
Concen: 2.77 ng/ul
RT: 19.59 min Scan# 2851
Delta R.T. 0.00 min
Lab File: BG021853.D
Acq: 11 May 2016 21:00

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	86059		
101	12.1		8.9	13.3
100	11.1		7.0	10.4#





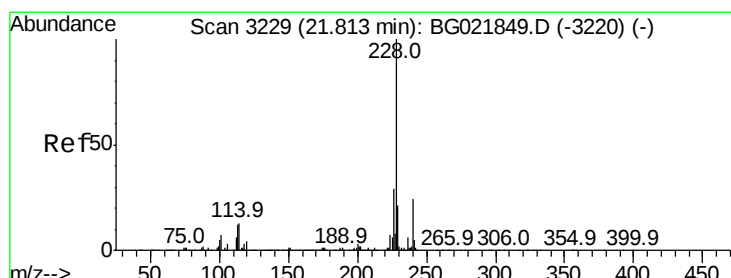
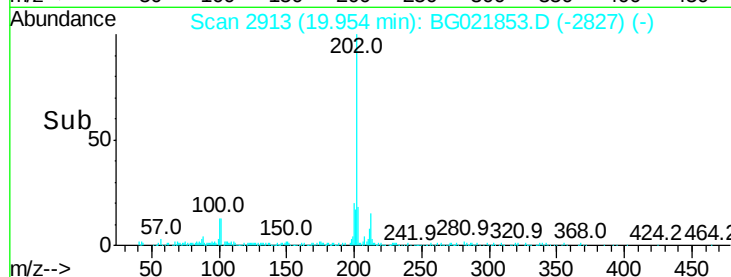
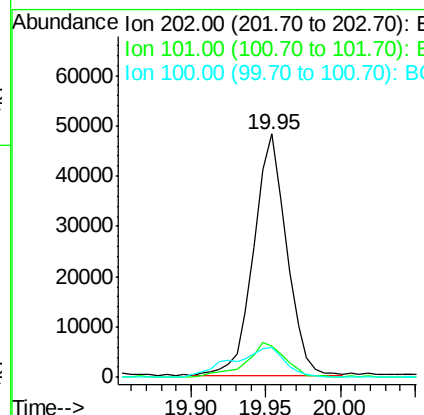
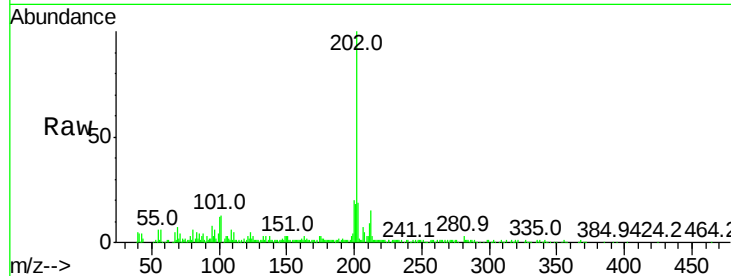
#78
Pvrene
Concen: 2.64 ng/ul
RT: 19.95 min Scan# 2913
Delta R.T. 0.00 min
Lab File: BG021853.D
Acq: 11 May 2016 21:00

Instrument :
BNA_G
ClientSampleId :
D9X98

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	13.0	9.8	14.8
100	12.5	9.3	13.9

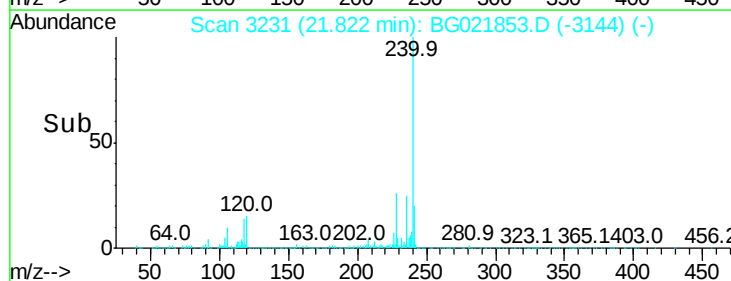
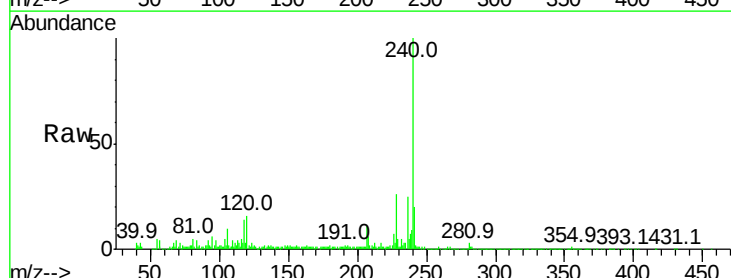
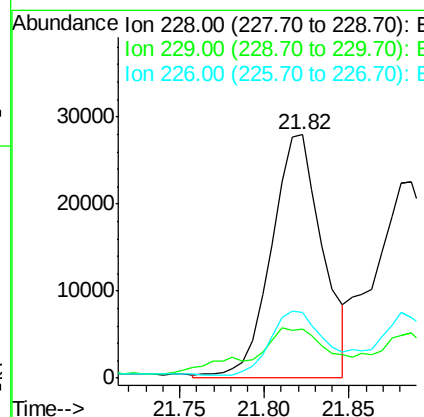
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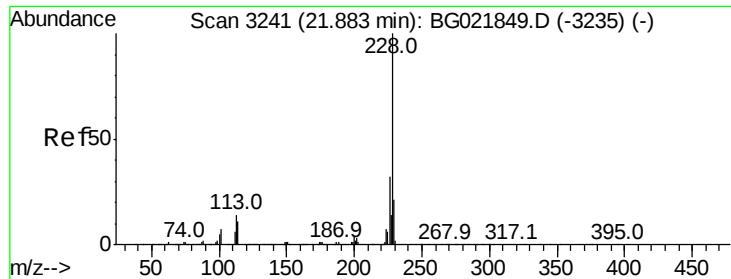
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#81
Benzo(a)anthracene
Concen: 2.18 ng/ul
RT: 21.82 min Scan# 3231
Delta R.T. 0.01 min
Lab File: BG021853.D
Acq: 11 May 2016 21:00

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	19.9	16.6	25.0
226	26.9	21.0	31.4





#83

Chrysene

Concen: 1.80 ng/ul

RT: 21.89 min Scan# 3242

Delta R.T. 0.00 min

Lab File: BG021853.D

Acq: 11 May 2016 21:00

Instrument :

BNA_G

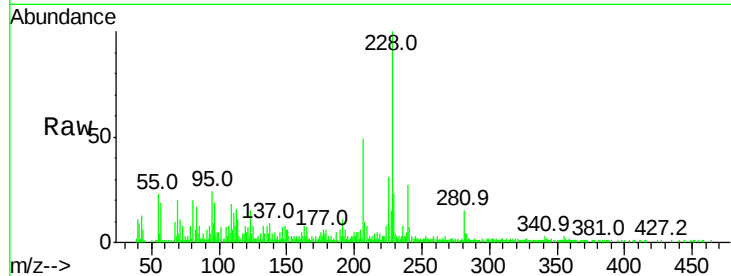
ClientSampleId :

D9X98

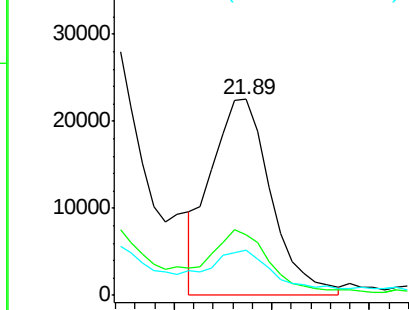
Tot Ion:	228	Resp:	47836
Ion Ratio	Lower	Upper	
228	100		
226	31.0	23.4	35.2
229	23.3	16.2	24.2

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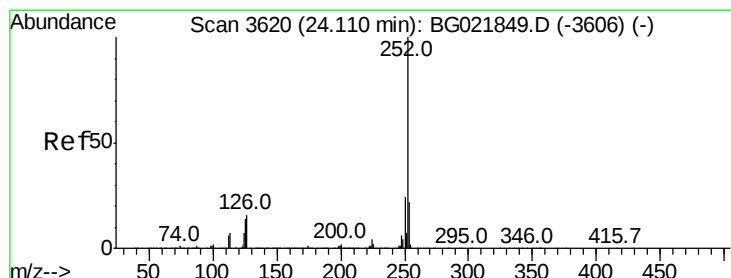
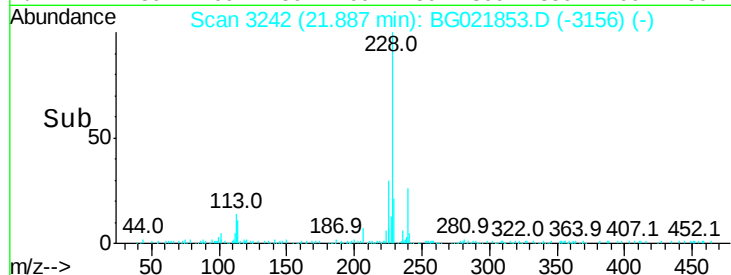
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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



Time-->



#86

Benzo(b)fluoranthene

Concen: 3.14 ng/ul

RT: 24.12 min Scan# 3622

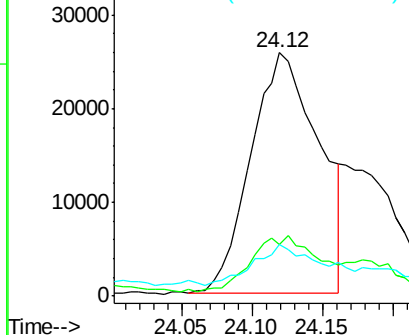
Delta R.T. 0.01 min

Lab File: BG021853.D

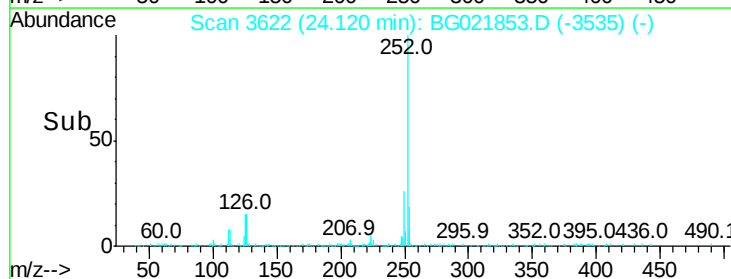
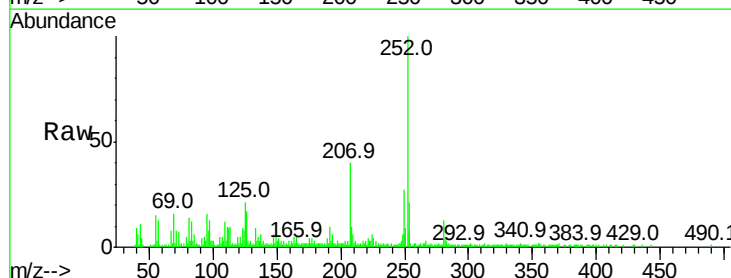
Acq: 11 May 2016 21:00

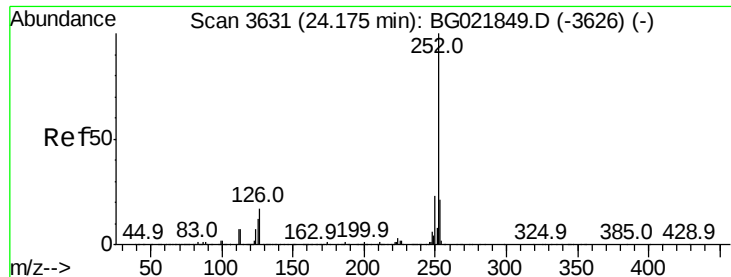
Tgt Ion:	252	Resp:	86384
Ion Ratio	Lower	Upper	
252	100		
253	21.1	18.1	27.1
125	21.3	7.6	11.4#

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



Time-->





#87

Benzo(k)fluoranthene

Concen: 1.25 ng/ul m

RT: 24.16 min Scan# 3629

Delta R.T. -0.01 min

Lab File: BG021853.D

Acq: 11 May 2016 21:00

Instrument :

BNA_G

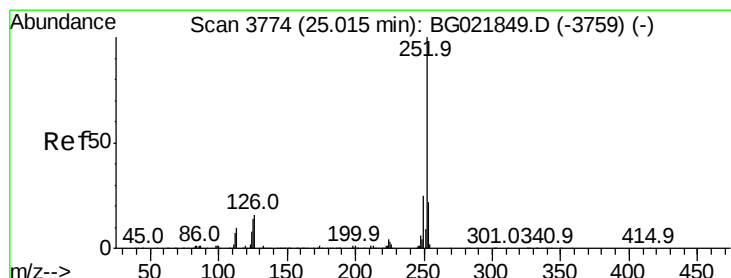
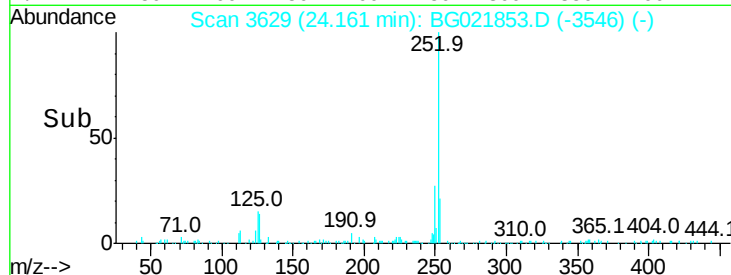
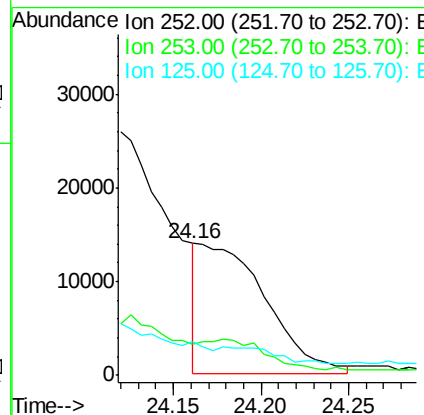
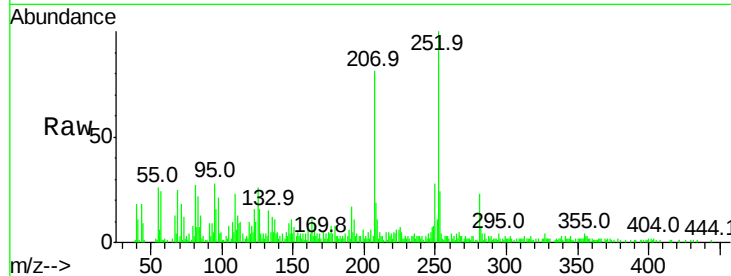
ClientSampleId :

D9X98

Tot Ion:	252	Resp:	36719
Ion Ratio	Lower	Upper	
252	100		
253	24.0	17.8	26.8
125	25.9	7.7	11.5#

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#89

Benzo(a)pyrene

Concen: 2.05 ng/ul

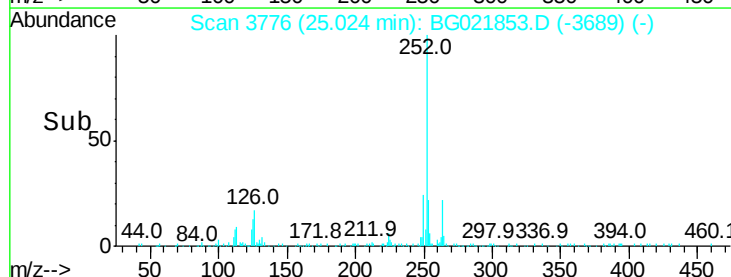
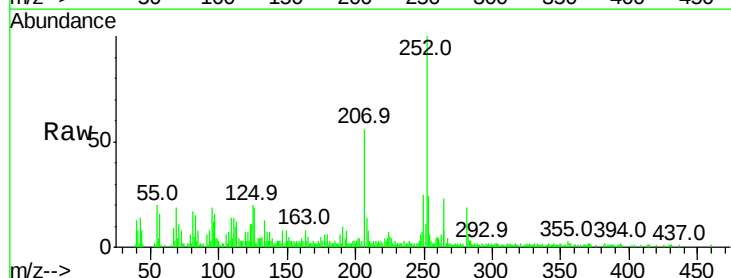
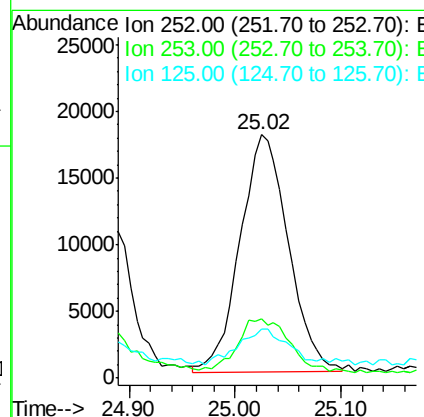
RT: 25.02 min Scan# 3776

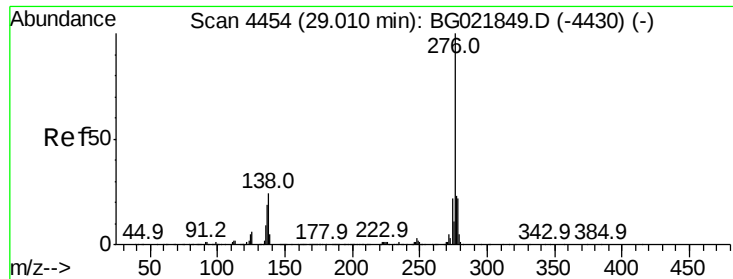
Delta R.T. 0.01 min

Lab File: BG021853.D

Acq: 11 May 2016 21:00

Tgt Ion:	252	Resp:	56279
Ion Ratio	Lower	Upper	
252	100		
253	24.5	17.4	26.0
125	20.3	8.2	12.2#





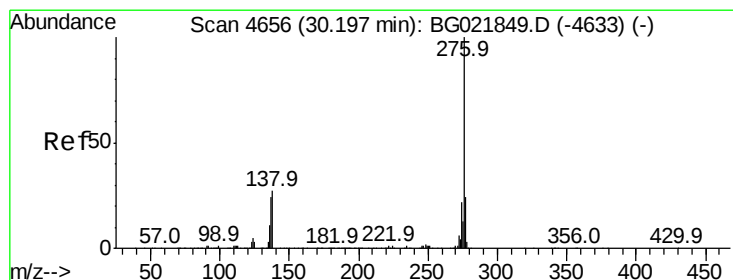
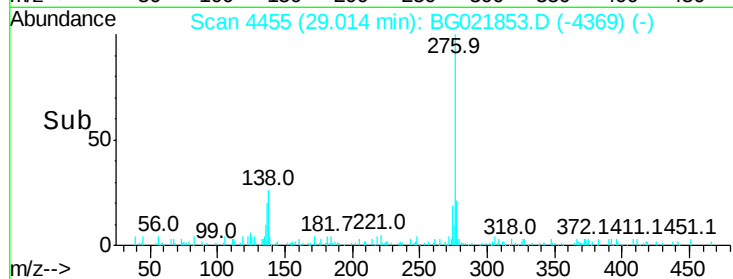
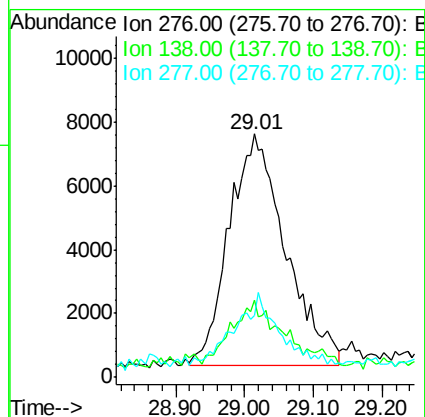
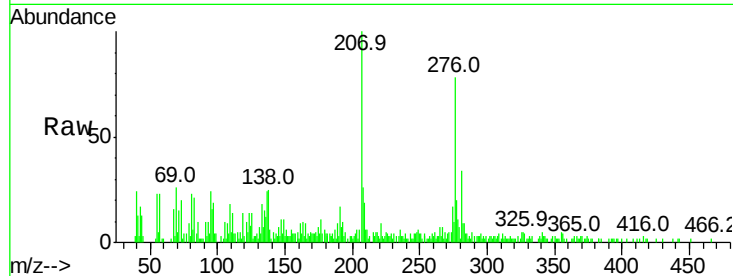
#90
Indeno(1,2,3-cd)pyrene
Concen: 1.27 ng/ul m
RT: 29.01 min Scan# 4455
Delta R.T. 0.00 min
Lab File: BG021853.D
Acq: 11 May 2016 21:00

Instrument :
BNA_G
ClientSampleId :
D9X98

Tot Ion	Ratio	Lower	Upper
276	100		
138	31.6	15.8	23.6#
277	25.3	19.0	28.6

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 1.20 ng/ul m
RT: 30.21 min Scan# 4659
Delta R.T. 0.02 min
Lab File: BG021853.D
Acq: 11 May 2016 21:00

Tgt Ion	Ratio	Lower	Upper
276	100		
138	35.6	13.9	20.9#
277	25.1	19.8	29.6

