

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121516\
 Data File : BG025229.D
 Acq On : 16 Dec 2016 2:29
 Operator : UM/SJ
 Sample : H5995-16
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DA884

Manual Integrations
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 12/16/2016 6:21:22 PM

Quant Time: Dec 16 14:14:22 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG113016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 16 05:54:49 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.23	152	70795	20.00	ng/ul	0.00
18) Naphthalene-d8	11.06	136	313410	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.85	164	249027	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.60	188	492605	20.00	ng/ul	0.00
75) Chrysene-d12	21.89	240	591258	20.00	ng/ul	0.00
83) Perylene-d12	25.32	264	608736	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.59	96	3056	2.23	ng/uL	0.00
5) Phenol-d5	7.39	99	68084	11.15	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.55	67	53966	14.28	ng/ul	0.00
9) 2-Chlorophenol-d4	7.77	132	37857	8.86	ng/ul	0.00
13) 4-Methylphenol-d8	8.94	113	61904	12.13	ng/ul	0.00
19) Nitrobenzene-d5	9.41	128	31778	14.32	ng/ul	0.00
22) 2-Nitrophenol-d4	10.14	143	12714	4.60	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.68	165	29839	5.61	ng/ul	0.00
29) 4-Chloroaniline-d4	11.21	131	69730	13.33	ng/ul	0.00
43) Dimethylphthalate-d6	14.25	166	249674	14.58	ng/ul	0.00
46) Acenaphthylene-d8	14.55	160	312598	16.66	ng/ul	0.00
51) 4-Nitrophenol-d4	15.09	143	2704m	0.92	ng/ul	0.04
57) Fluorene-d10	15.84	176	238118	14.77	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.98	200	1840m	0.60	ng/ul	0.00
70) Anthracene-d10	17.70	188	339080	16.31	ng/ul	0.00
76) Pyrene-d10	19.97	212	399912	16.42	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.08	264	406981	16.50	ng/ul	0.00

Target Compounds

						Ovalue
6) Phenol	7.42	94	16039	2.56	ng/ul#	87
34) 2-Methylnaphthalene	12.70	142	16425	1.43	ng/ul#	52
44) Dimethylphthalate	14.30	163	44544	2.65	ng/ul#	97
69) Phenanthrene	17.64	178	34563	1.47	ng/ul	97
74) Fluoranthene	19.64	202	59001	2.11	ng/ul#	95
77) Pyrene	20.00	202	63095	2.22	ng/ul#	95
80) Benzo(a)anthracene	21.87	228	51168	1.67	ng/ul#	88
81) Bis(2-ethylhexyl)phthalate	21.72	149	675451	44.10	ng/ul	97
82) Chrysene	21.95	228	65718	2.29	ng/ul#	87
85) Benzo(b)fluoranthene	24.22	252	86663	2.87	ng/ul#	59
88) Benzo(a)pyrene	25.15	252	49075	1.69	ng/ul#	64

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

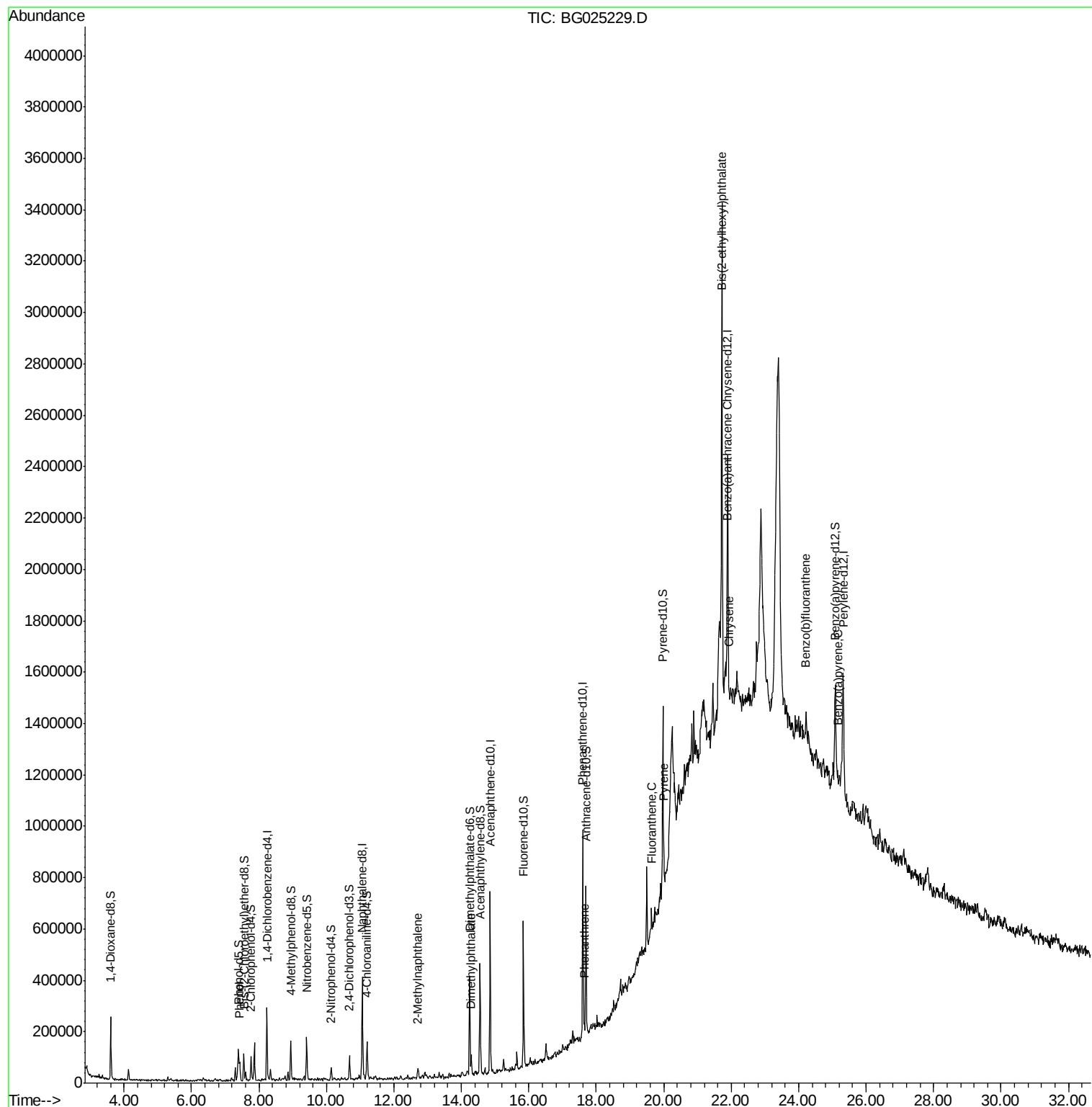
Data Path : Z:\HPCHEM1\BNA G\DATA\BG121516\
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Acq On : 16 Dec 2016 2:29
Operator : UM/SJ
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Misc :
ALS Vial : 20 Sample Multiplier: 1

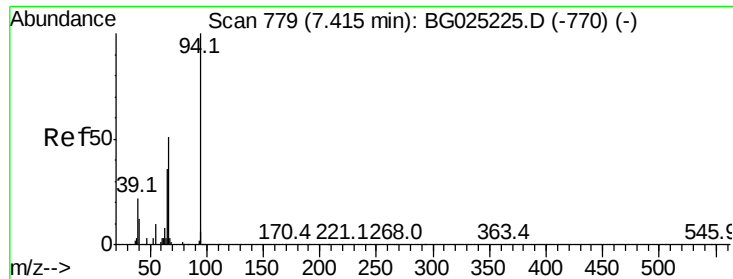
Instrument :
BNA_G
ClientSampleId :
DA884

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Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 16 05:54:49 2016
Response via : Initial Calibration





#6

Phenol

Concen: 2.56 ng/ul

RT: 7.42 min Scan# 779

Delta R.T. 0.00 min

Lab File: BG025229.D

Acq: 16 Dec 2016 2:29

Instrument :

BNA_G

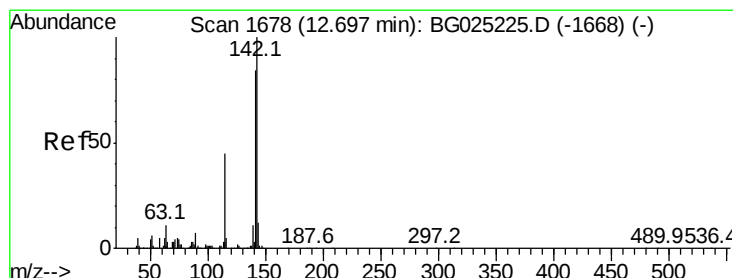
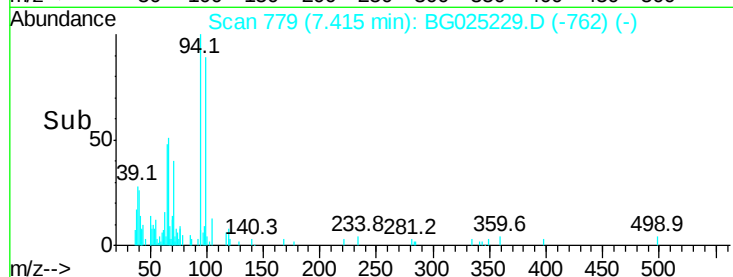
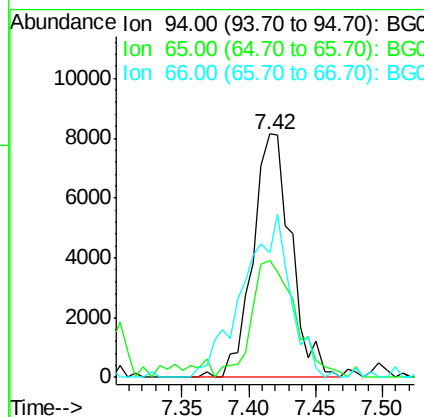
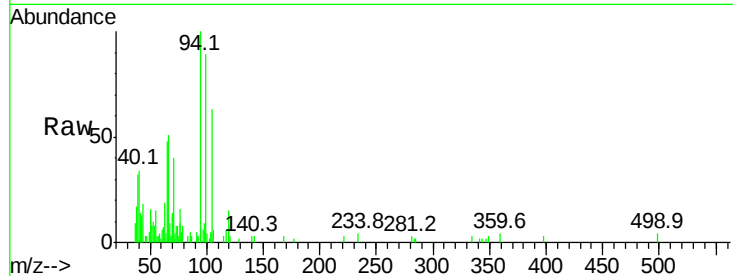
ClientSampleId :

DA884

Tot Ion:	94	Resp:	16039
Ion Ratio	Lower	Upper	
94	100		
65	48.1	26.8	40.2#
66	51.1	44.4	66.6

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#34

2-Methylnaphthalene

Concen: 1.43 ng/ul

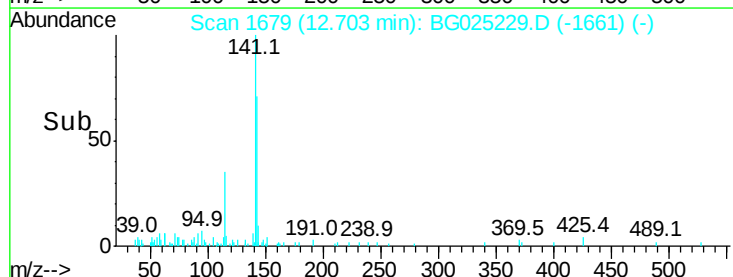
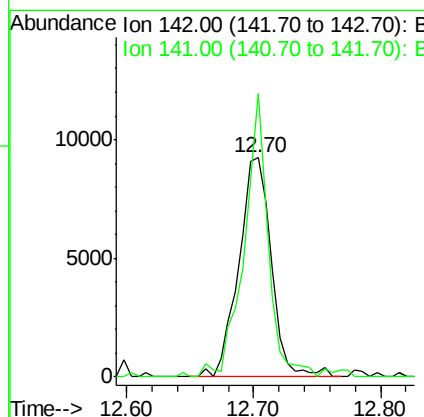
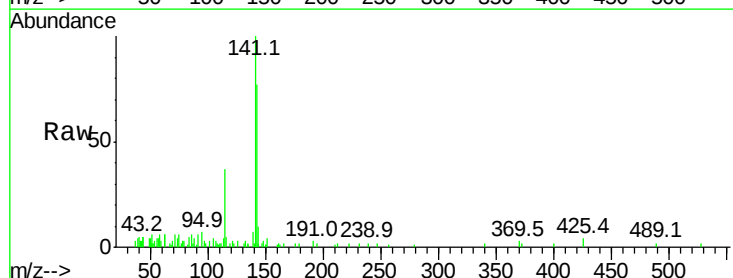
RT: 12.70 min Scan# 1679

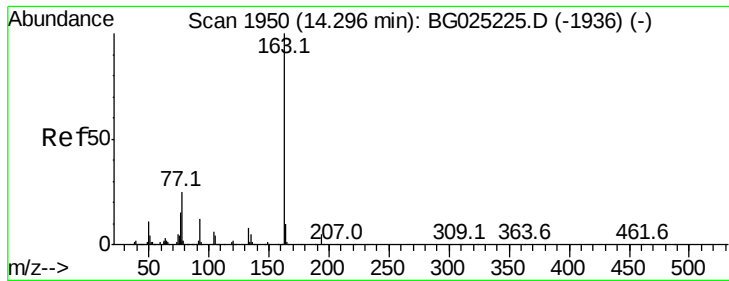
Delta R.T. 0.01 min

Lab File: BG025229.D

Acq: 16 Dec 2016 2:29

Tgt Ion:	142	Resp:	16425
Ion Ratio	Lower	Upper	
142	100		
141	129.3	68.6	102.8#





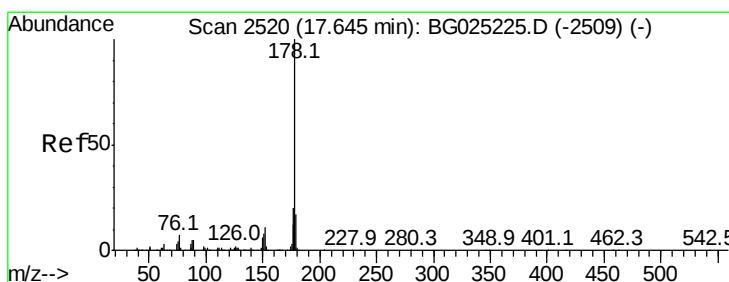
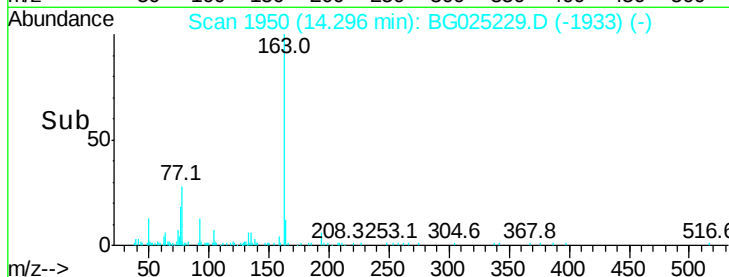
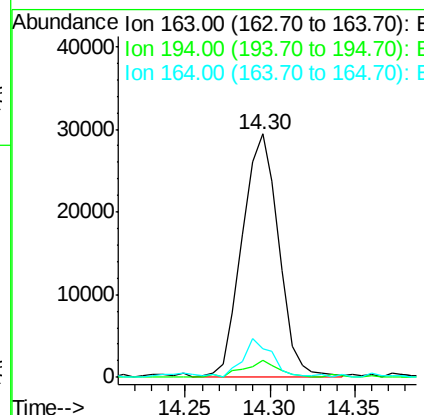
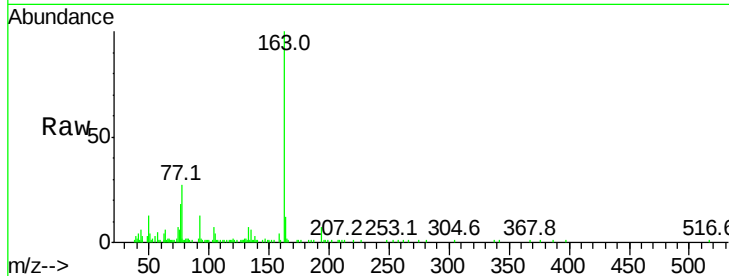
#44
Dimethylphthalate
Concen: 2.65 ng/ul
RT: 14.30 min Scan# 1950
Delta R.T. 0.00 min
Lab File: BG025229.D
Acq: 16 Dec 2016 2:29

Instrument :
BNA_G
ClientSampleId :
DA884

Tot Ion	Ratio	Resp	Lower	Upper
163	100	44544		
194	6.8		3.4	5.0#
164	11.6		9.0	13.4

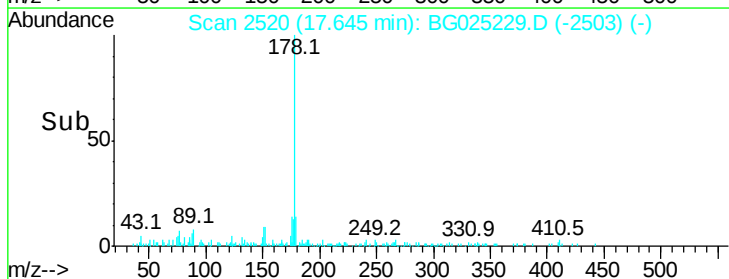
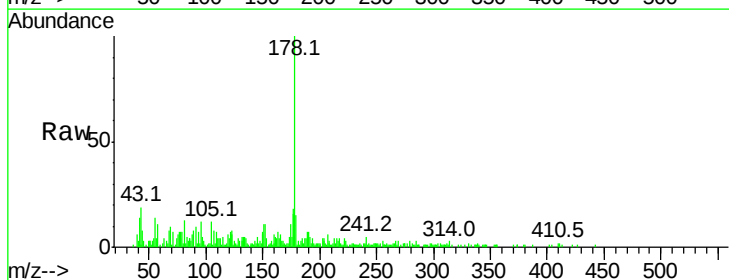
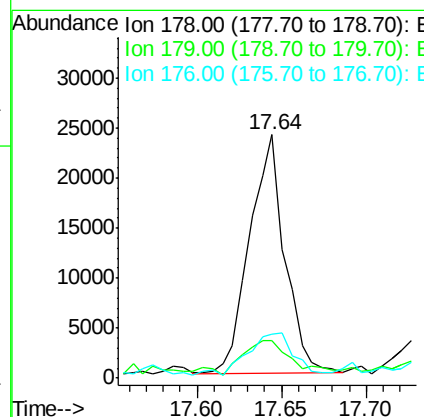
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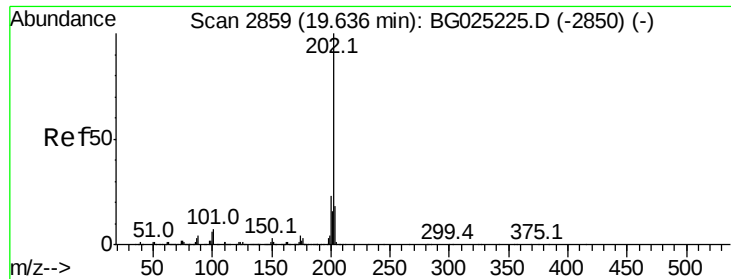
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#69
Phenanthrene
Concen: 1.47 ng/ul
RT: 17.64 min Scan# 2520
Delta R.T. 0.00 min
Lab File: BG025229.D
Acq: 16 Dec 2016 2:29

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	34563		
179	15.3		12.4	18.6
176	18.0		16.5	24.7





#74

Fluoranthene

Concen: 2.11 ng/ul

RT: 19.64 min Scan# 2860

Delta R.T. 0.01 min

Lab File: BG025229.D

Acq: 16 Dec 2016 2:29

Instrument :

BNA_G

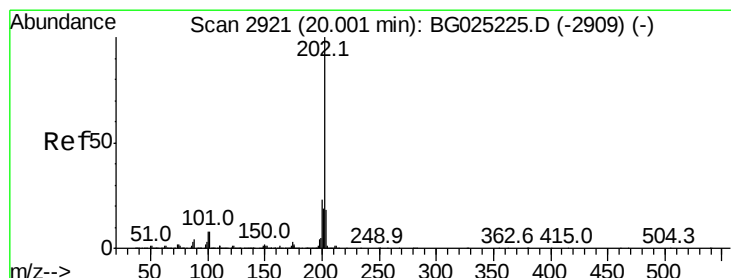
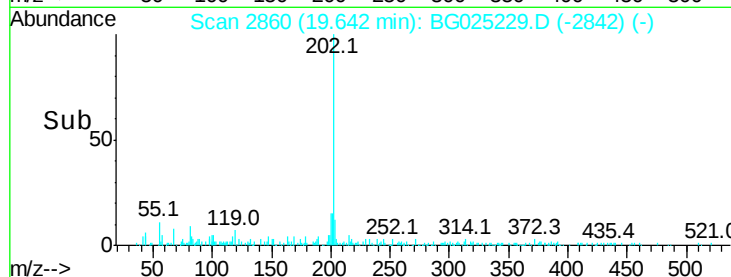
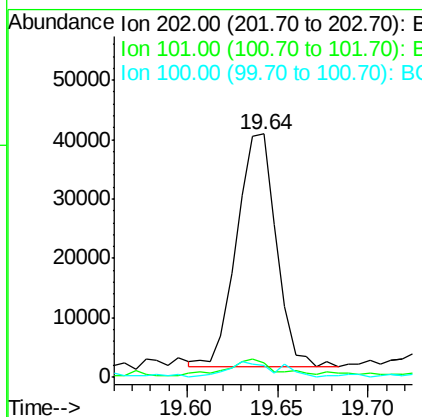
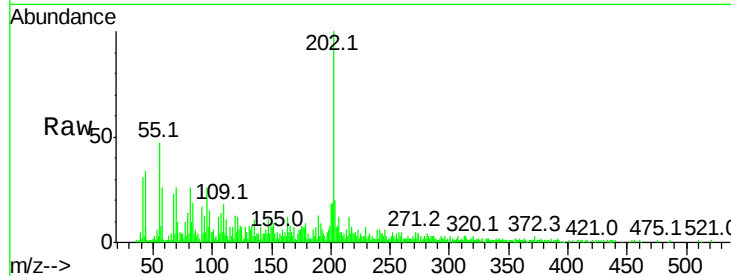
ClientSampled :

DA884

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	6.2	6.2	9.2
100	4.8	5.2	7.8

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#77

Pyrene

Concen: 2.22 ng/ul

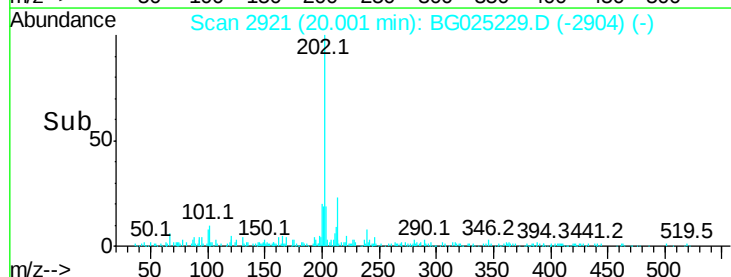
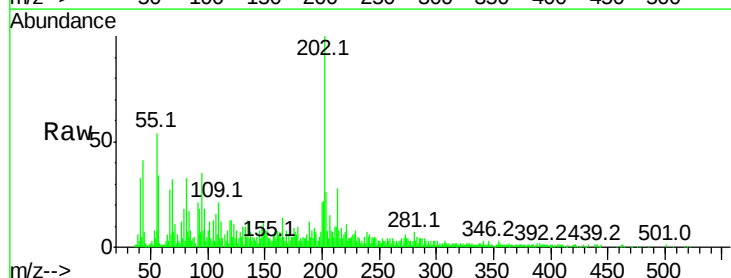
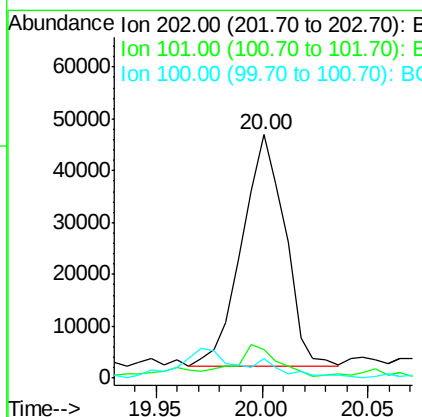
RT: 20.00 min Scan# 2921

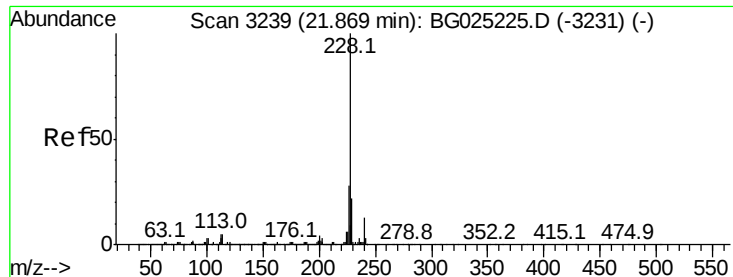
Delta R.T. 0.00 min

Lab File: BG025229.D

Acq: 16 Dec 2016 2:29

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	11.5	6.9	10.3
100	7.8	6.6	10.0





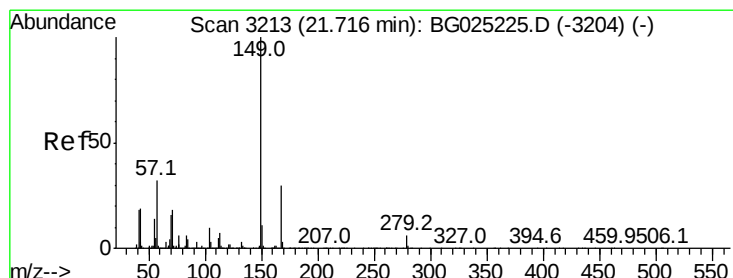
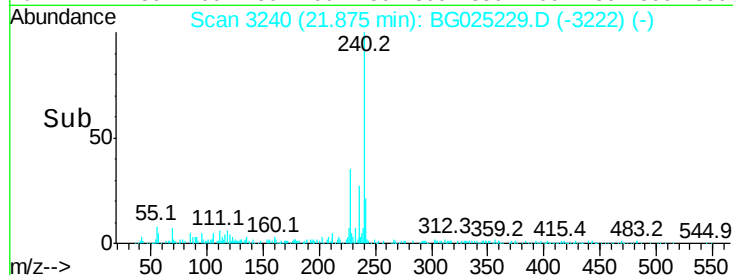
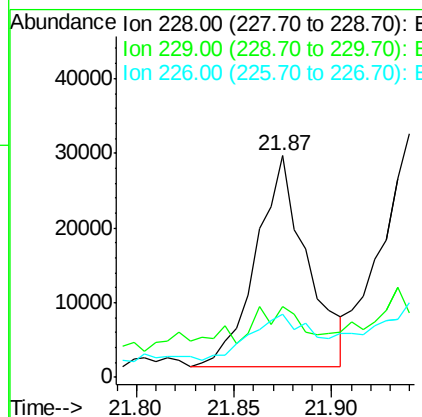
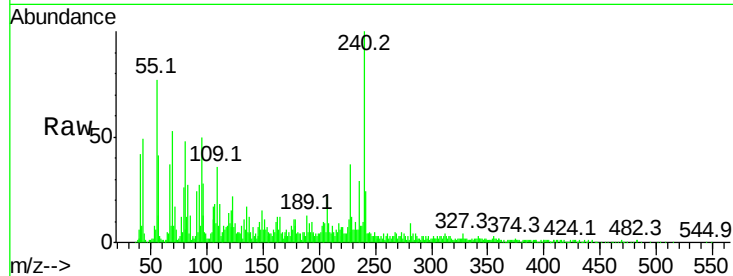
#80
Benzo(a)anthracene
Concen: 1.67 ng/ul
RT: 21.87 min Scan# 3240
Delta R.T. 0.01 min
Lab File: BG025229.D
Acq: 16 Dec 2016 2:29

Instrument :
BNA_G
ClientSampleId :
DA884

Tot Ion	Ratio	Lower	Upper
228	100		
229	32.1	16.3	24.5#
226	28.6	21.9	32.9

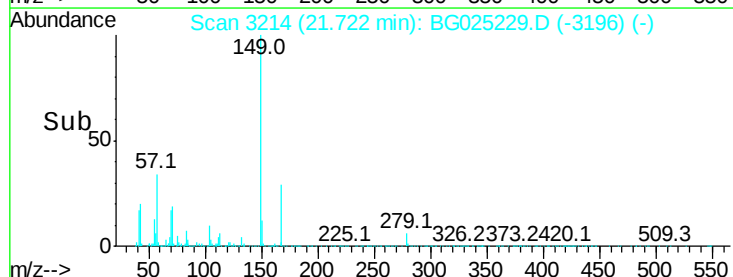
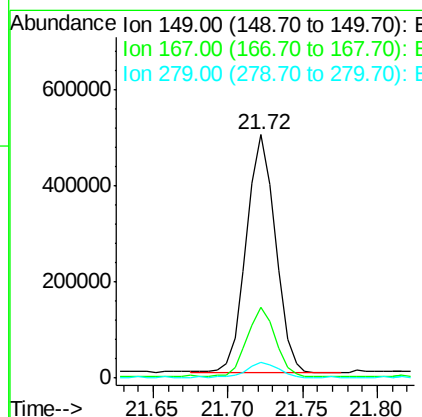
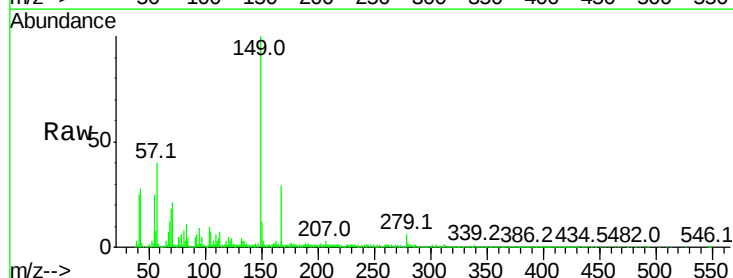
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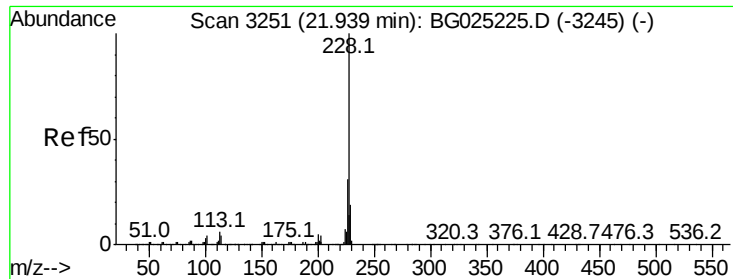
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#81
Bis(2-ethylhexyl)phthalate
Concen: 44.10 ng/ul
RT: 21.72 min Scan# 3214
Delta R.T. 0.01 min
Lab File: BG025229.D
Acq: 16 Dec 2016 2:29

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.9	21.8	32.8
279	6.4	4.5	6.7





#82

Chrysene

Concen: 2.29 ng/ul

RT: 21.95 min Scan# 3252

Delta R.T. 0.01 min

Lab File: BG025229.D

Acq: 16 Dec 2016 2:29

Instrument :

BNA_G

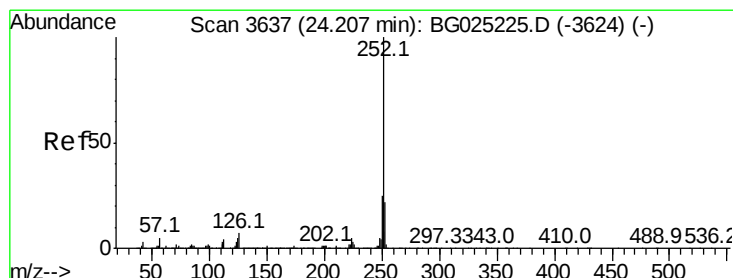
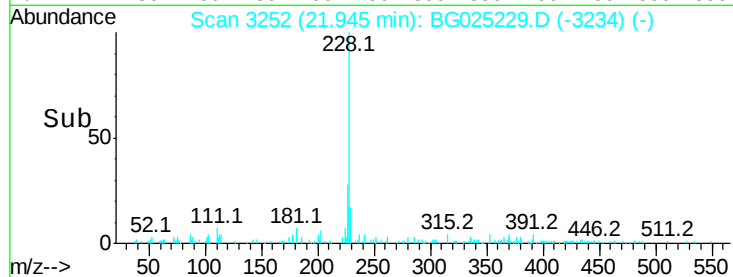
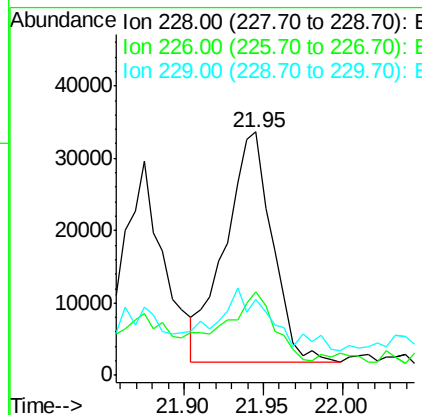
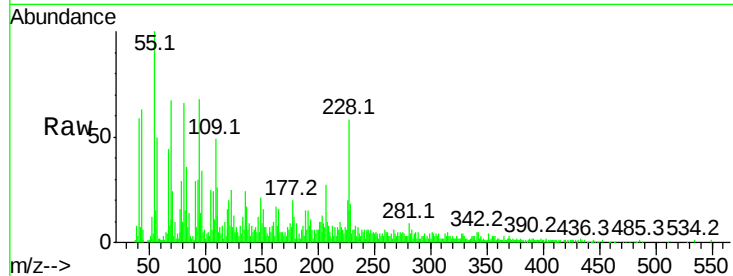
ClientSampleId :

DA884

Tot Ion:	228	Resp:	65718
Ion Ratio	Lower	Upper	
228	100		
226	34.4	24.0	36.0
229	31.0	16.9	25.3#

Manual Integrations
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#85

Benzo(b)fluoranthene

Concen: 2.87 ng/ul

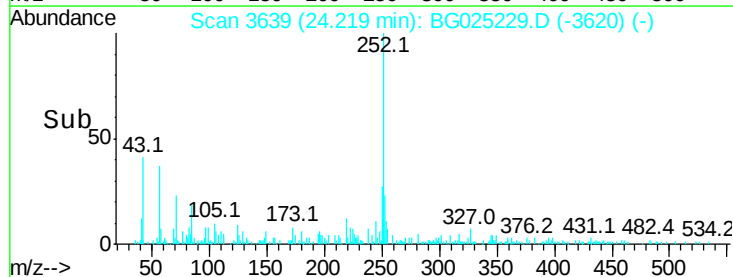
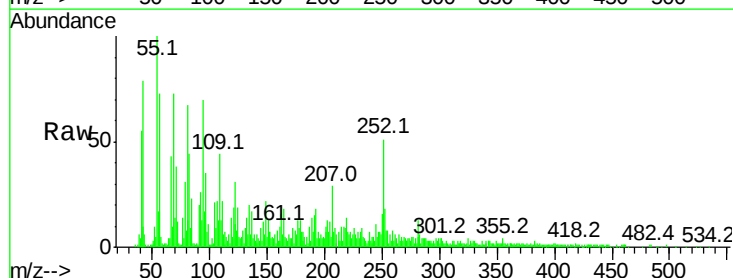
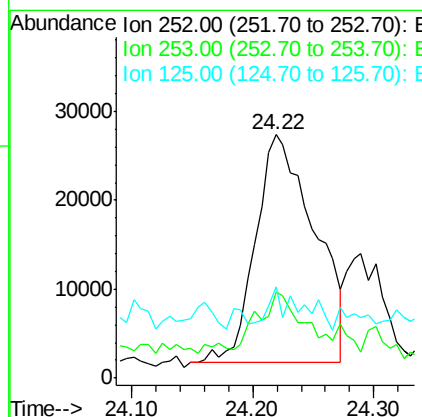
RT: 24.22 min Scan# 3639

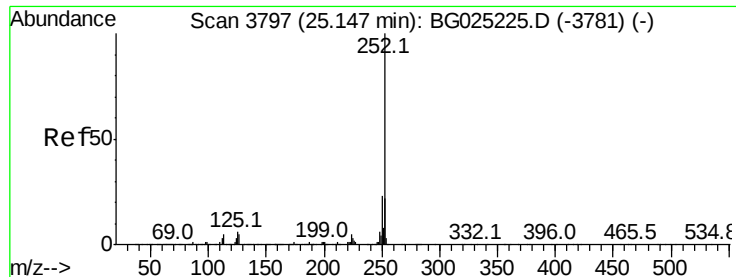
Delta R.T. 0.01 min

Lab File: BG025229.D

Acq: 16 Dec 2016 2:29

Tgt Ion:	252	Resp:	86663
Ion Ratio	Lower	Upper	
252	100		
253	35.4	17.7	26.5#
125	37.5	4.0	6.0#





#88

Benzo(a)pyrene

Concen: 1.69 ng/ul

RT: 25.15 min Scan# 3798

Delta R.T. 0.01 min

Lab File: BG025229.D

Acq: 16 Dec 2016 2:29

Instrument :

BNA_G

ClientSampleId :

DA884

Tot Ion	Ratio	Lower	Upper
252	100		
253	34.4	17.8	26.6#
125	30.9	5.4	8.0#

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