

Data Path : Z:\HPCHEM1\BNA G\DATA\BG013117\
 Data File : BG025737.D
 Acq On : 1 Feb 2017 4:21
 Operator : SJ/MA
 Sample : I1460-15
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BDNS8

Manual Integrations
 APPROVED

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Quant Time: Feb 01 05:49:59 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG011817.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Feb 01 04:33:02 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	77596	20.00	ng/ul	0.00
18) Naphthalene-d8	11.00	136	329101	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.80	164	261233	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.54	188	575396	20.00	ng/ul	0.00
75) Chrysene-d12	21.83	240	749238	20.00	ng/ul	0.00
83) Perylene-d12	25.21	264	759525	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.50	96	7457	4.81	ng/uL	0.00
5) Phenol-d5	7.34	99	127491	19.17	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.48	67	99178	23.09	ng/ul	0.00
9) 2-Chlorophenol-d4	7.70	132	94644	20.18	ng/ul	0.00
13) 4-Methylphenol-d8	8.89	113	108675	19.22	ng/ul	0.00
19) Nitrobenzene-d5	9.36	128	48871	20.95	ng/ul	0.00
22) 2-Nitrophenol-d4	10.08	143	57553	20.68	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.63	165	98509	17.94	ng/ul	0.00
29) 4-Chloroaniline-d4	11.15	131	101930	16.61	ng/ul	0.00
43) Dimethylphthalate-d6	14.19	166	393930	21.35	ng/ul	0.00
46) Acenaphthylene-d8	14.50	160	456574	22.91	ng/ul	0.00
51) 4-Nitrophenol-d4	15.06	143	48897m	19.34	ng/ul	0.02
57) Fluorene-d10	15.79	176	353387	20.32	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.94	200	63132	17.79	ng/ul	0.00
70) Anthracene-d10	17.64	188	568352	23.20	ng/ul	0.00
76) Pyrene-d10	19.92	212	755415	24.23	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.97	264	684242	21.43	ng/ul	0.00

Target Compounds

						Ovalue
6) Phenol	7.36	94	21139	3.03	ng/ul	96
44) Dimethylphthalate	14.24	163	145641	8.03	ng/ul	100
69) Phenanthrene	17.59	178	49270	1.76	ng/ul	98
74) Fluoranthene	19.59	202	125893	3.81	ng/ul	99
77) Pyrene	19.95	202	125918	3.42	ng/ul	99
80) Benzo(a)anthracene	21.81	228	74323	1.88	ng/ul	96
82) Chrysene	21.88	228	82909	2.23	ng/ul	97
85) Benzo(b)fluoranthene	24.13	252	119168	3.03	ng/ul#	95
88) Benzo(a)pyrene	25.05	252	60514	1.63	ng/ul#	92
89) Indeno(1,2,3-cd)pyrene	29.13	276	51076	1.08	ng/ul#	90

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

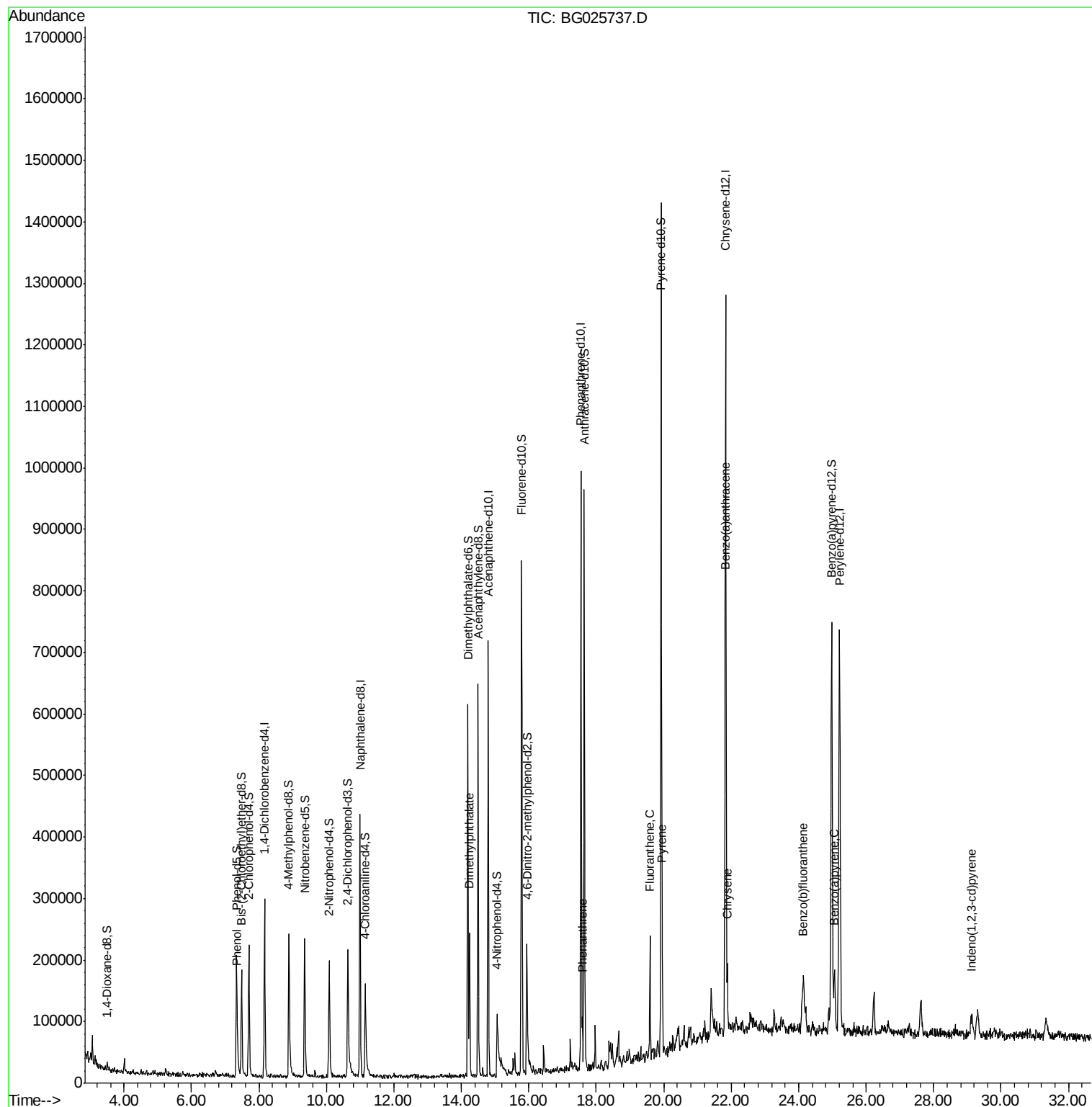
Data Path : Z:\HPCHEM1\BNA G\DATA\BG013117\
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ALS Vial : 19 Sample Multiplier: 1

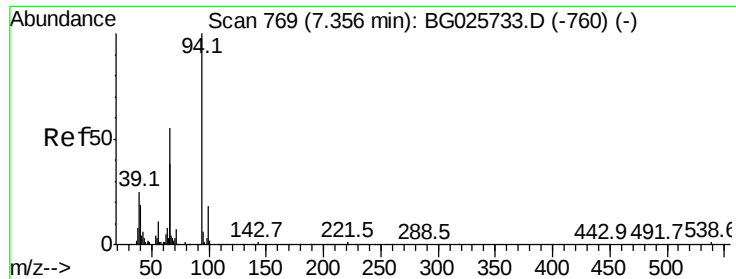
Instrument :
BNA_G
ClientSampleId :
BDNS8

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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration





#6

Phenol

Concen: 3.03 ng/ul

RT: 7.36 min Scan# 769

Delta R.T. 0.00 min

Lab File: BG025737.D

Acq: 1 Feb 2017 4:21

Instrument :

BNA_G

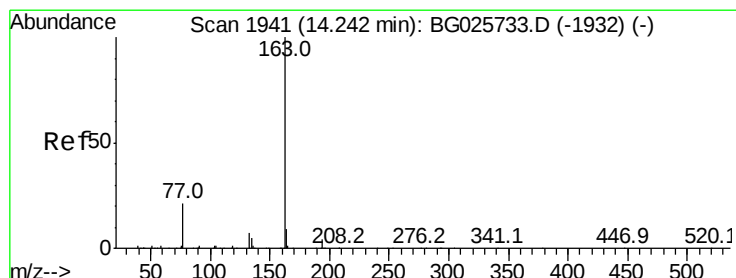
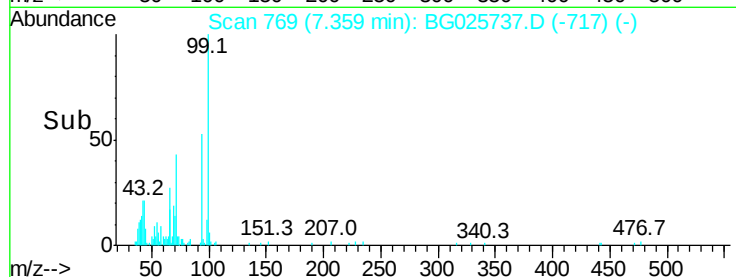
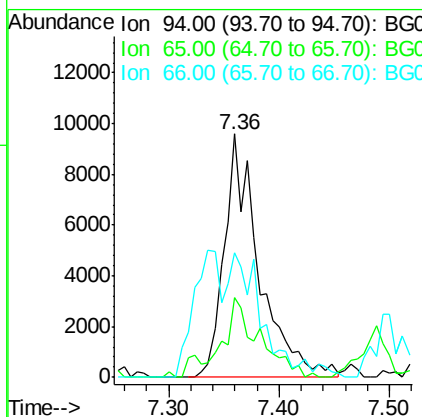
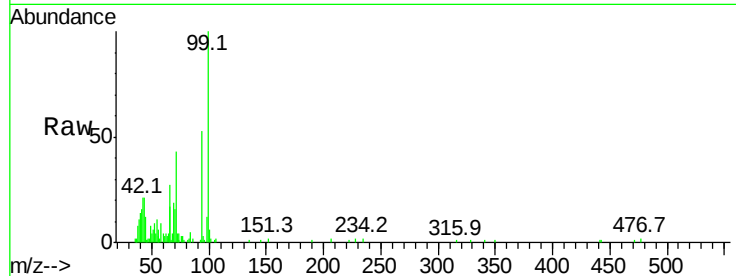
ClientSampleId :

BDNS8

Tot Ion:	94	Resp:	21139
Ion Ratio	Lower	Upper	
94	100		
65	32.8	26.8	40.2
66	51.2	44.4	66.6

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#44

Dimethylphthalate

Concen: 8.03 ng/ul

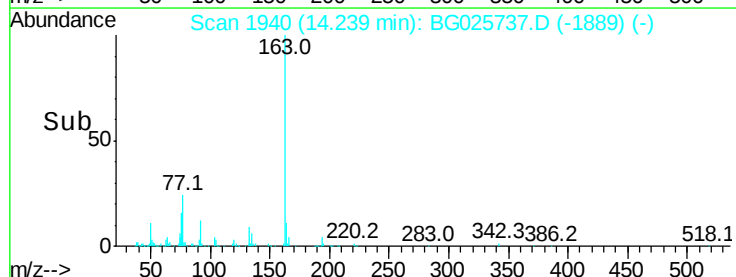
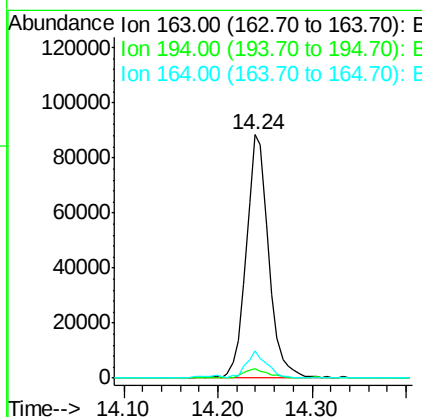
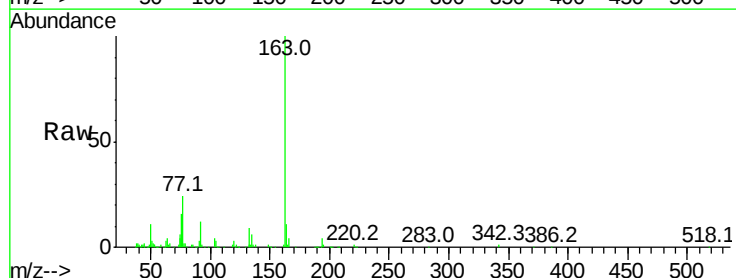
RT: 14.24 min Scan# 1940

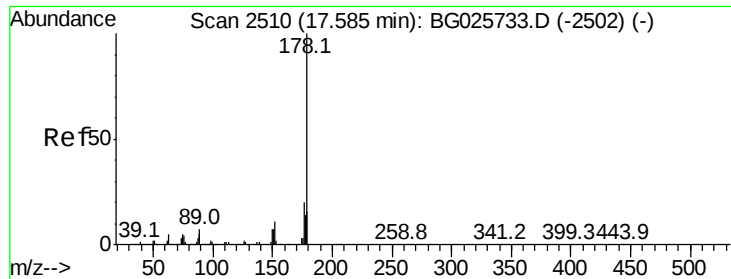
Delta R.T. -0.00 min

Lab File: BG025737.D

Acq: 1 Feb 2017 4:21

Tgt Ion:	163	Resp:	145641
Ion Ratio	Lower	Upper	
163	100		
194	3.9	3.4	5.0
164	11.1	9.0	13.4





#69

Phenanthrene

Concen: 1.76 ng/ul

RT: 17.59 min Scan# 2510

Delta R.T. 0.00 min

Lab File: BG025737.D

Acq: 1 Feb 2017 4:21

Instrument :

BNA_G

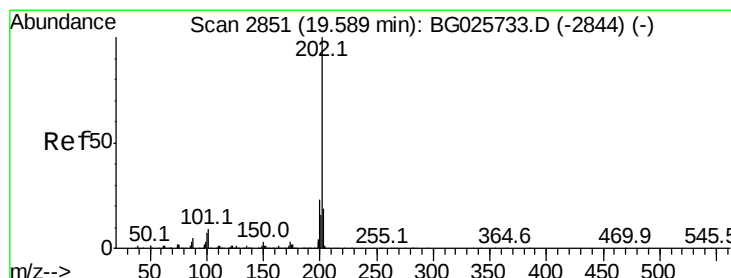
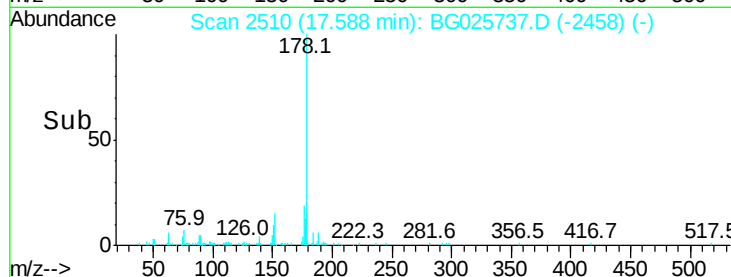
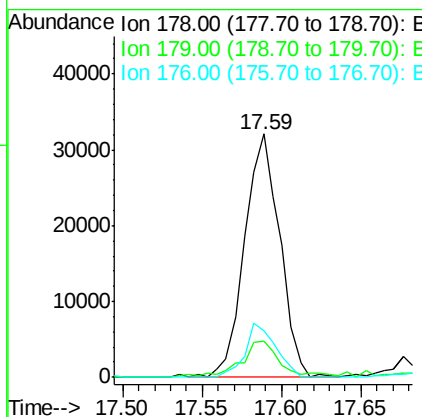
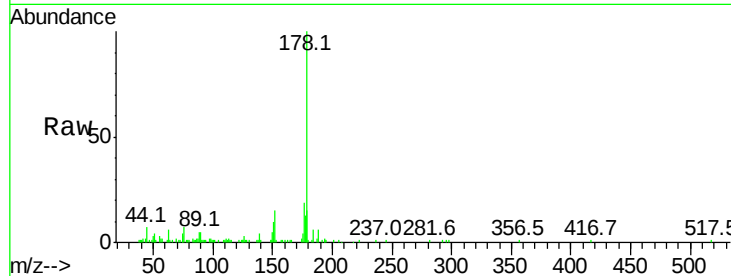
ClientSampleId :

BDNS8

Tot Ion:	178	Resp:	49270
Ion Ratio	Lower	Upper	
178	100		
179	15.1	12.4	18.6
176	19.1	16.5	24.7

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#74

Fluoranthene

Concen: 3.81 ng/ul

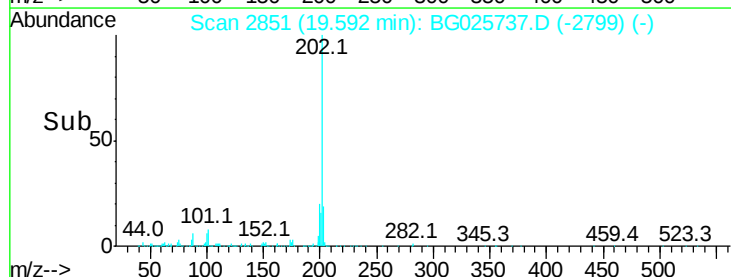
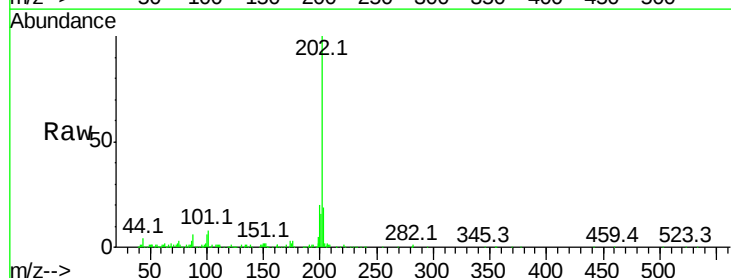
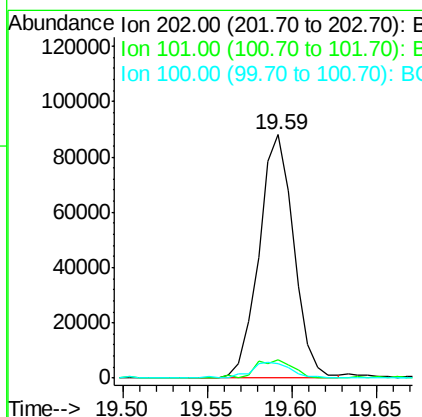
RT: 19.59 min Scan# 2851

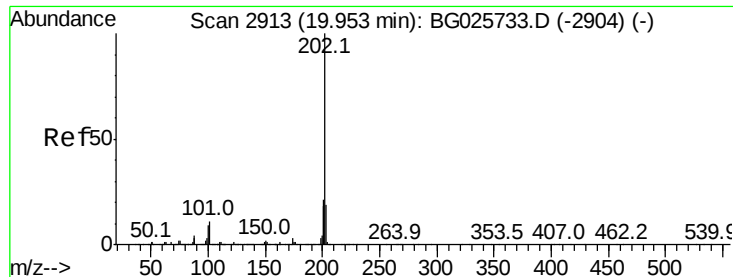
Delta R.T. 0.00 min

Lab File: BG025737.D

Acq: 1 Feb 2017 4:21

Tgt Ion:	202	Resp:	125893
Ion Ratio	Lower	Upper	
202	100		
101	7.8	6.2	9.2
100	5.9	5.2	7.8





#77

Pvrene

Concen: 3.42 ng/ul

RT: 19.95 min Scan# 2912

Delta R.T. -0.00 min

Lab File: BG025737.D

Acq: 1 Feb 2017 4:21

Instrument :

BNA_G

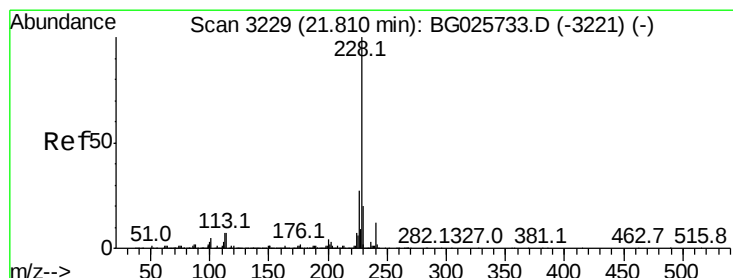
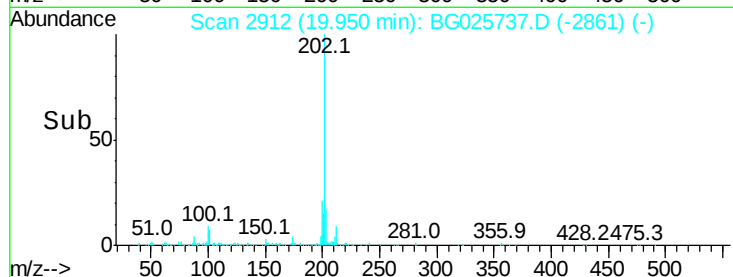
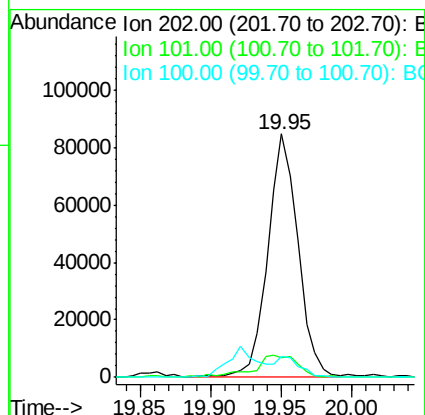
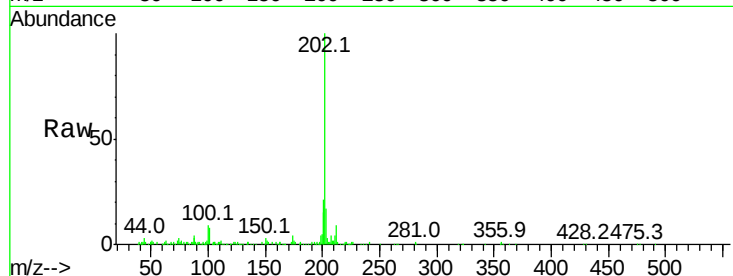
ClientSampleId :

BDNS8

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	8.0	6.9	10.3
100	8.7	6.6	10.0

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#80

Benzo(a)anthracene

Concen: 1.88 ng/ul

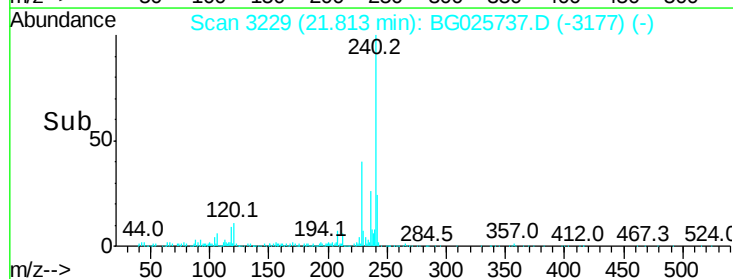
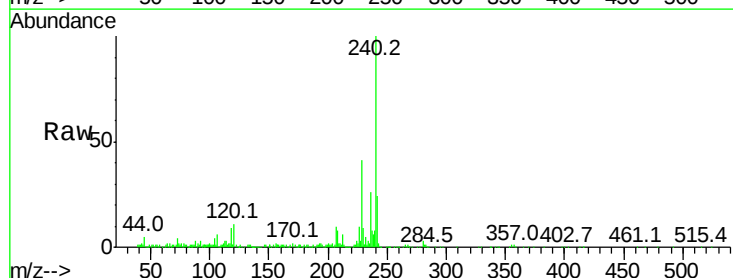
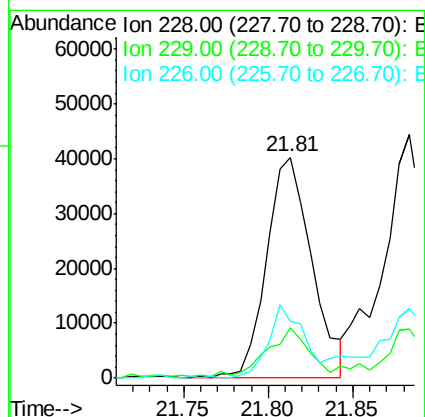
RT: 21.81 min Scan# 3229

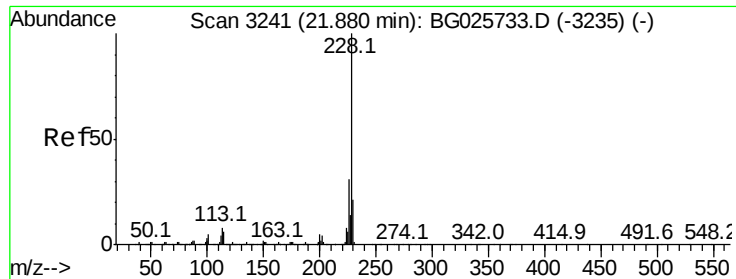
Delta R.T. 0.00 min

Lab File: BG025737.D

Acq: 1 Feb 2017 4:21

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	22.6	16.3	24.5
226	25.5	21.9	32.9





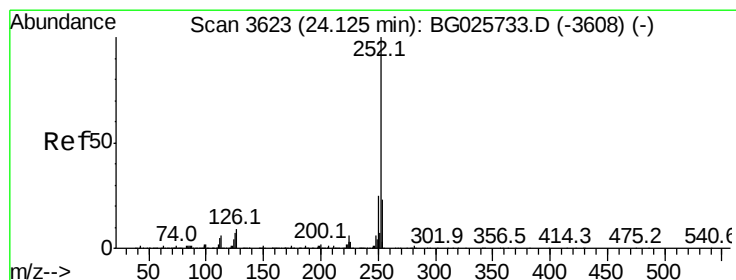
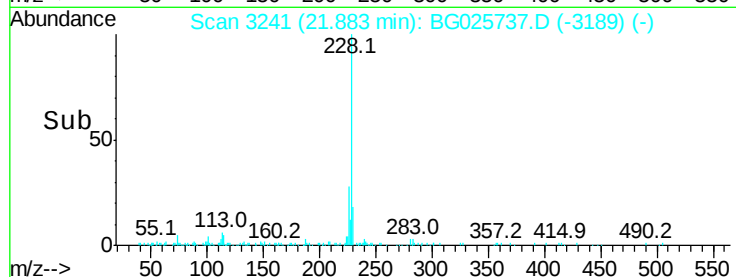
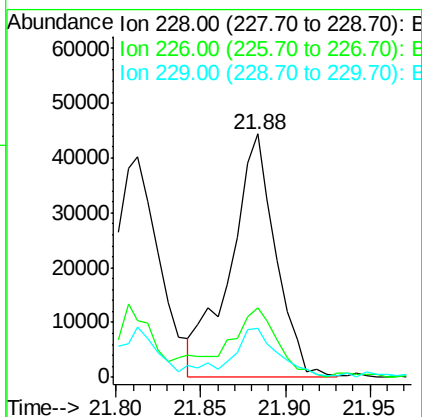
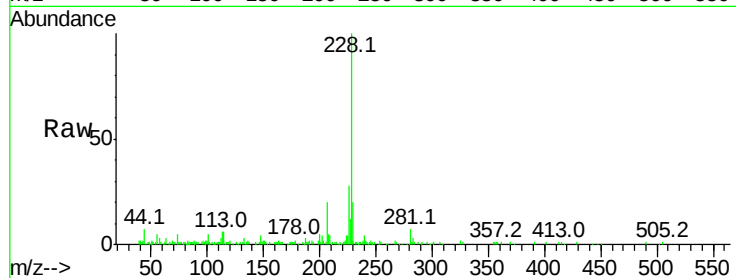
#82
Chrysene
Concen: 2.23 ng/ul
RT: 21.88 min Scan# 3241
Delta R.T. 0.00 min
Lab File: BG025737.D
Acq: 1 Feb 2017 4:21

Instrument :
BNA_G
ClientSampleID :
BDNS8

Tot Ion	Ratio	Resp	Lower	Upper
228	100	82909		
226	28.4		24.0	36.0
229	20.1		16.9	25.3

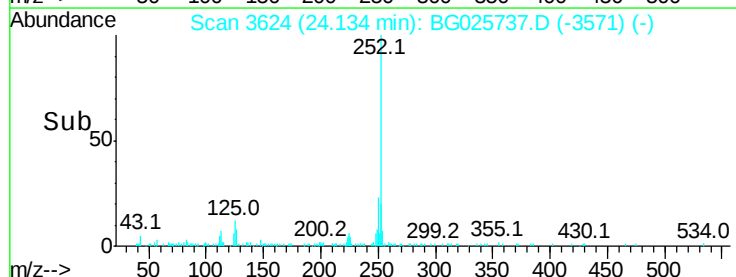
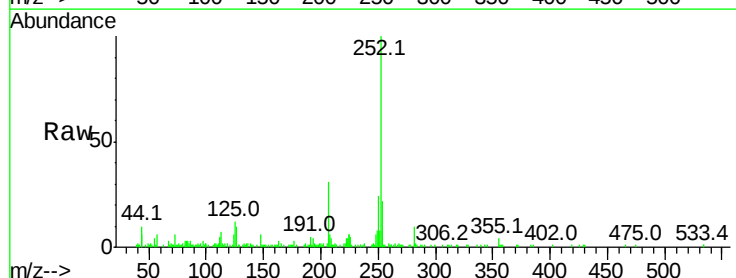
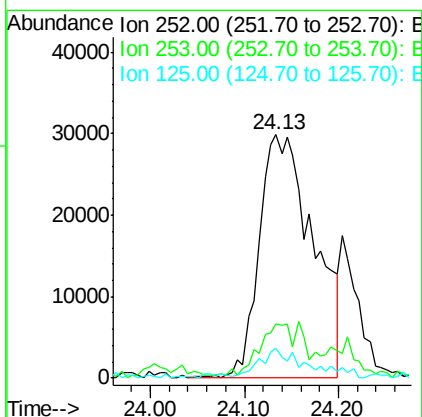
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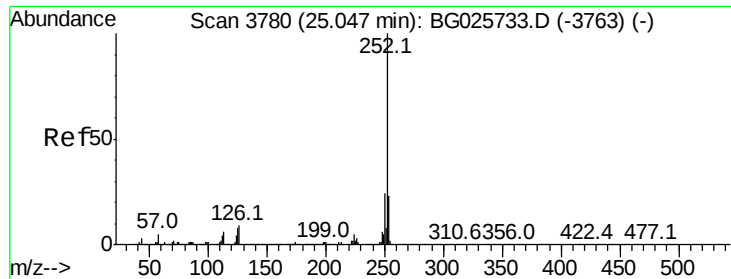
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#85
Benzo(b)fluoranthene
Concen: 3.03 ng/ul
RT: 24.13 min Scan# 3624
Delta R.T. 0.01 min
Lab File: BG025737.D
Acq: 1 Feb 2017 4:21

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	119168		
253	22.5		17.7	26.5
125	12.3		4.0	6.0#





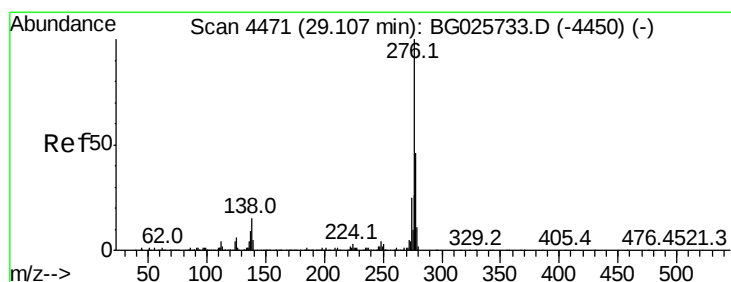
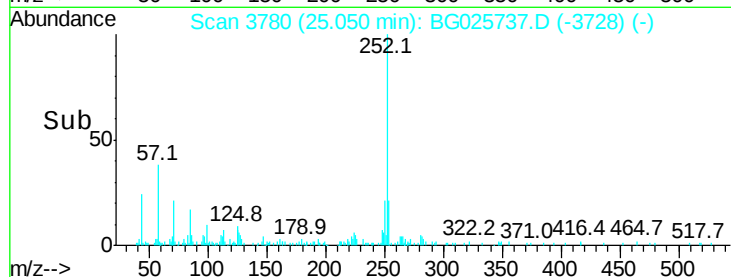
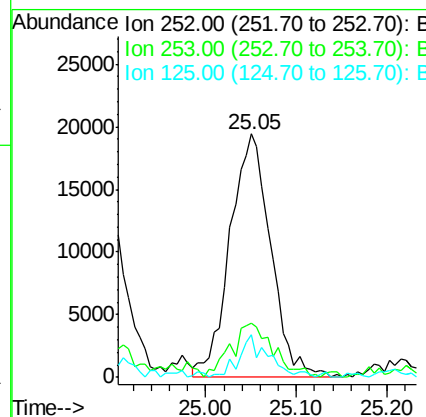
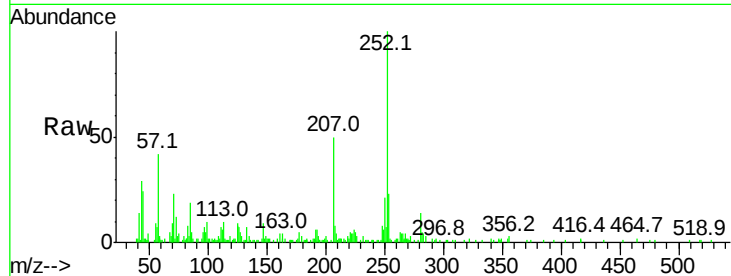
#88
Benzo(a)pyrene
Concen: 1.63 ng/ul
RT: 25.05 min Scan# 3780
Delta R.T. 0.00 min
Lab File: BG025737.D
Acq: 1 Feb 2017 4:21

Instrument :
BNA_G
ClientSampled :
BDNS8

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.8	26.6
125	17.3	5.4	8.0

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#89
Indeno(1,2,3-cd)pyrene
Concen: 1.08 ng/ul
RT: 29.13 min Scan# 4474
Delta R.T. 0.02 min
Lab File: BG025737.D
Acq: 1 Feb 2017 4:21

Tgt Ion	Ratio	Lower	Upper
276	100		
138	8.5	8.2	12.4
277	17.2	18.6	28.0

