

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121416\
 Data File : BG025202.D
 Acq On : 15 Dec 2016 8:05
 Operator : UM/SJ
 Sample : H5970-16
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DA855

Manual Integrations
 APPROVED

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 12/15/2016 5:44:59 PM

Quant Time: Dec 15 10:37:49 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG113016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Dec 15 04:58:54 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.24	152	76592	20.00	ng/ul	0.00
18) Naphthalene-d8	11.06	136	353501	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.86	164	303941	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.60	188	639199	20.00	ng/ul	0.00
75) Chrysene-d12	21.90	240	770744	20.00	ng/ul	0.00
83) Perylene-d12	25.32	264	778683	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.58	96	4276	2.88	ng/uL	0.00
5) Phenol-d5	7.39	99	106247	16.08	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.55	67	69874	17.09	ng/ul	0.00
9) 2-Chlorophenol-d4	7.76	132	79798	17.27	ng/ul	0.00
13) 4-Methylphenol-d8	8.94	113	91464	16.56	ng/ul	0.00
19) Nitrobenzene-d5	9.41	128	45025	17.99	ng/ul	0.00
22) 2-Nitrophenol-d4	10.14	143	50319	16.12	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.68	165	105349	17.55	ng/ul	0.00
29) 4-Chloroaniline-d4	11.20	131	43369	7.35	ng/ul	0.00
43) Dimethylphthalate-d6	14.25	166	390572	18.68	ng/ul	0.00
46) Acenaphthylene-d8	14.56	160	453549	19.81	ng/ul	0.00
51) 4-Nitrophenol-d4	15.07	143	31214	8.69	ng/ul	0.01
57) Fluorene-d10	15.85	176	370423	18.82	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.97	200	44621	11.29	ng/ul	0.00
70) Anthracene-d10	17.70	188	561302	20.81	ng/ul	0.00
76) Pyrene-d10	19.97	212	694874	21.89	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.08	264	702020	22.25	ng/ul	0.00

Target Compounds

						Ovalue
6) Phenol	7.42	94	17092	2.52	ng/ul#	86
44) Dimethylphthalate	14.29	163	197204	9.60	ng/ul	97
69) Phenanthrene	17.64	178	42487	1.39	ng/ul	98
74) Fluoranthene	19.64	202	116751	3.22	ng/ul	98
77) Pyrene	20.00	202	110815	2.99	ng/ul#	97
80) Benzo(a)anthracene	21.87	228	95245	2.38	ng/ul	96
82) Chrysene	21.94	228	84285	2.25	ng/ul	97
85) Benzo(b)fluoranthene	24.22	252	142466	3.69	ng/ul#	99
86) Benzo(k)fluoranthene	24.28	252	40420m	1.10	ng/ul	
88) Benzo(a)pyrene	25.15	252	83161	2.24	ng/ul	94
89) Indeno(1,2,3-cd)pyrene	29.23	276	53472	1.16	ng/ul#	87
91) Benzo(g,h,i)perylene	30.48	276	49721m	1.29	ng/ul	

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

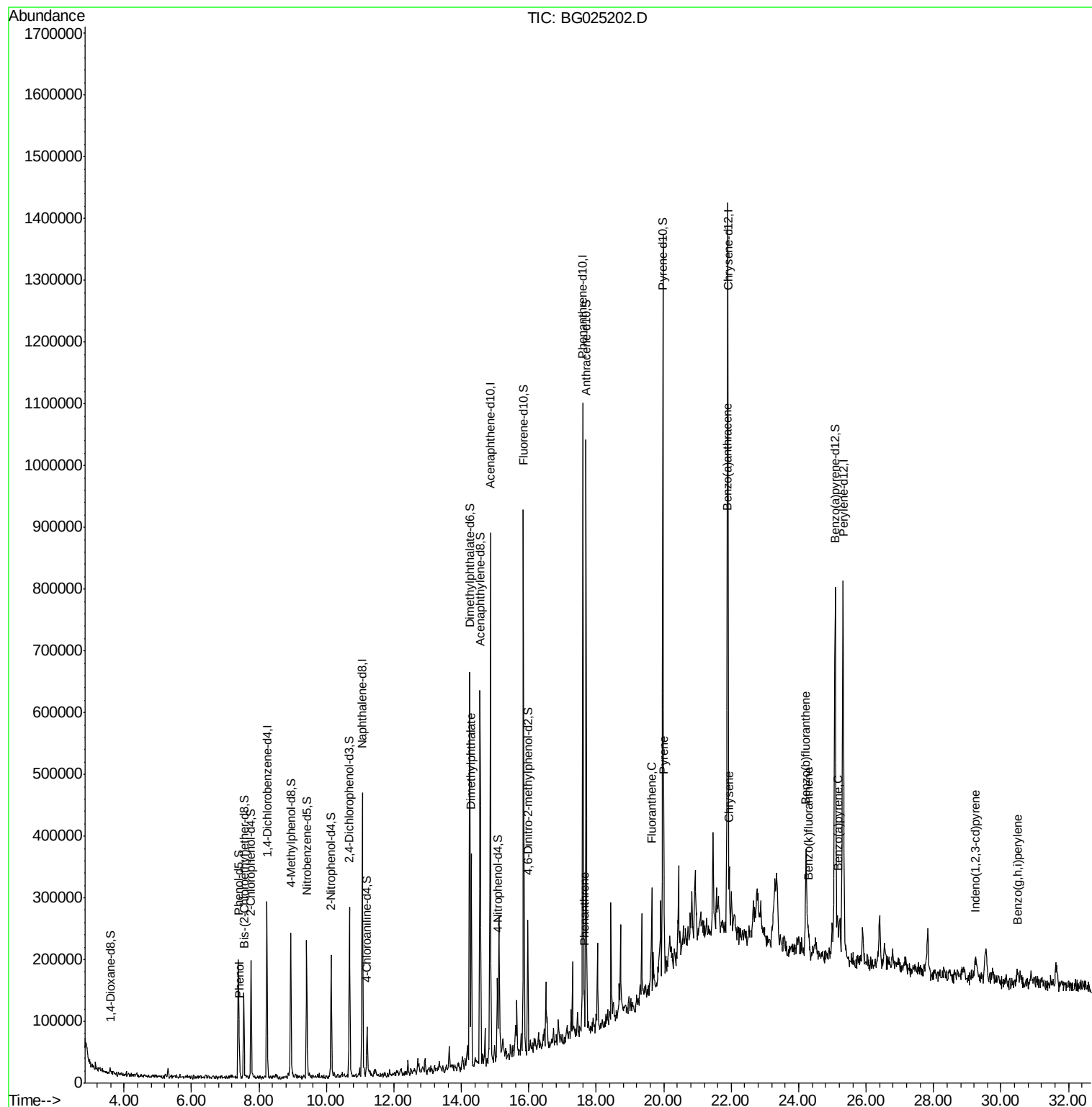
Data Path : Z:\HPCHEM1\BNA G\DATA\BG121416\
Data File : BG025202.D
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ALS Vial : 33 Sample Multiplier: 1

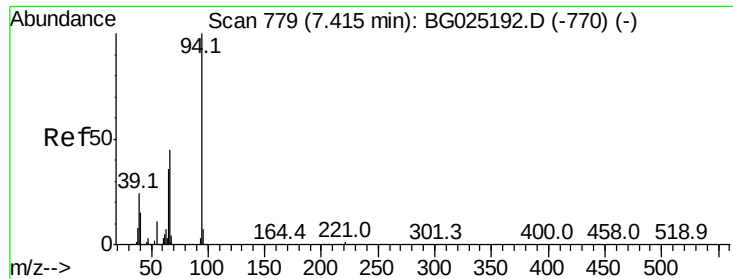
Instrument :
BNA_G
ClientSampled :
DA855

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Quant Time: Dec 15 10:37:49 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 15 04:58:54 2016
Response via : Initial Calibration





#6

Phenol

Concen: 2.52 ng/ul

RT: 7.42 min Scan# 780

Delta R.T. 0.01 min

Lab File: BG025202.D

Acq: 15 Dec 2016 8:05

Instrument :

BNA_G

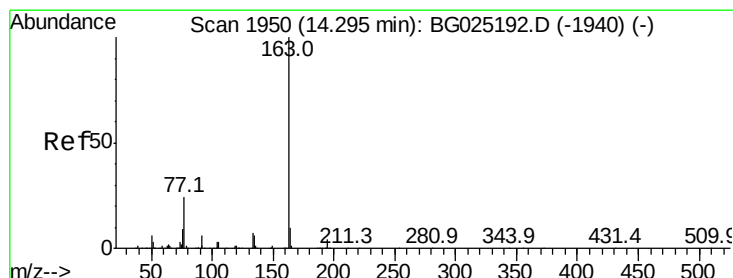
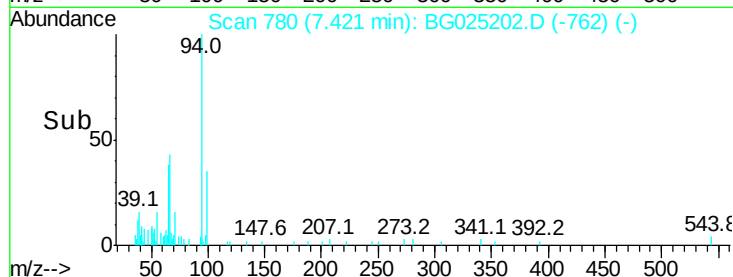
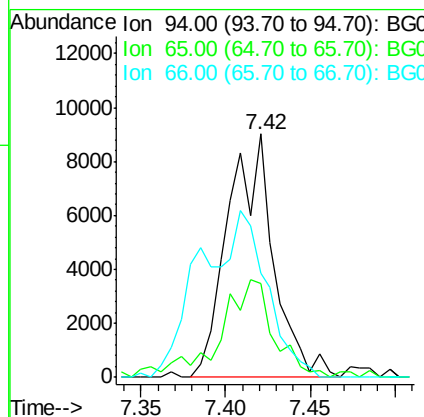
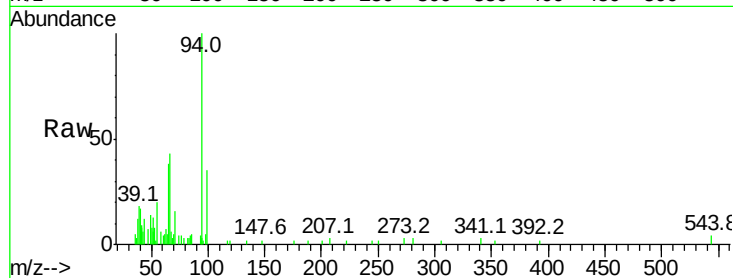
ClientSampleId :

DA855

Tot Ion:	94	Resp:	17092
Ion Ratio	Lower	Upper	
94	100		
65	38.3	26.8	40.2
66	42.9	44.4	66.6#

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#44

Dimethylphthalate

Concen: 9.60 ng/ul

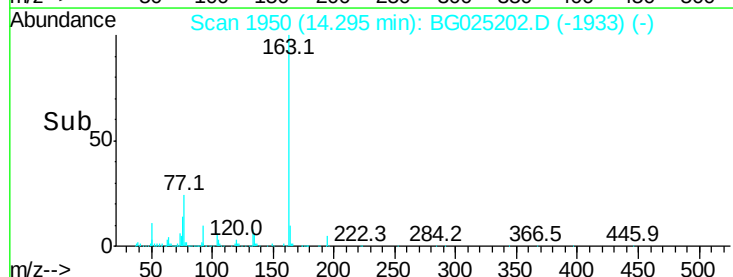
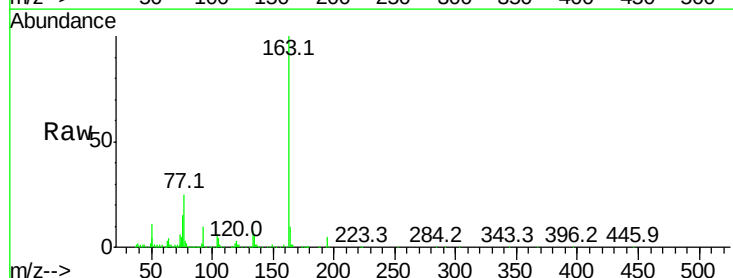
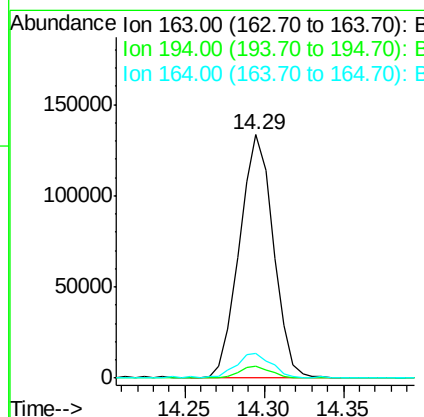
RT: 14.29 min Scan# 1950

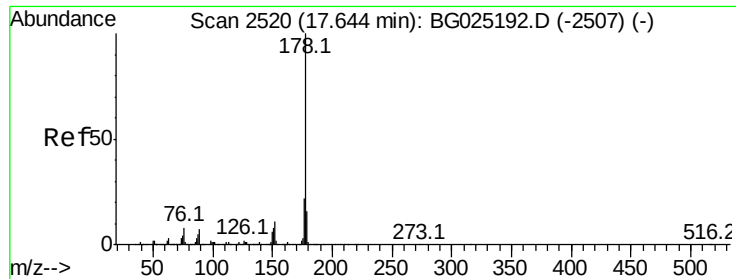
Delta R.T. -0.00 min

Lab File: BG025202.D

Acq: 15 Dec 2016 8:05

Tgt Ion:	163	Resp:	197204
Ion Ratio	Lower	Upper	
163	100		
194	5.0	3.4	5.0
164	10.1	9.0	13.4





#69

Phenanthrene

Concen: 1.39 ng/ul

RT: 17.64 min Scan# 2520

Delta R.T. -0.00 min

Lab File: BG025202.D

Acq: 15 Dec 2016 8:05

Instrument :

BNA_G

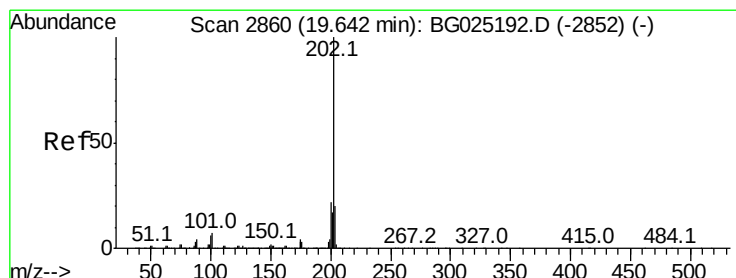
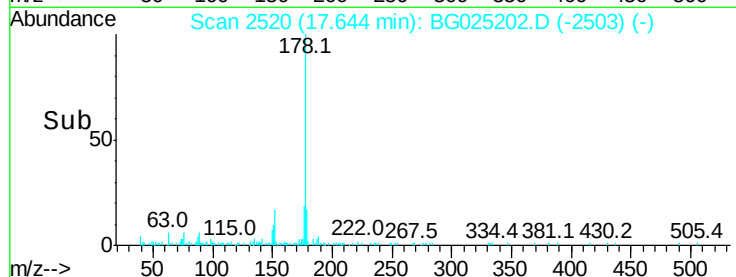
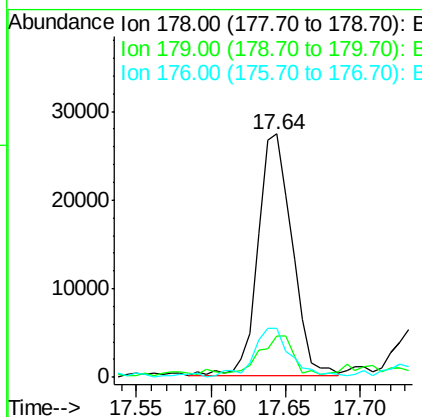
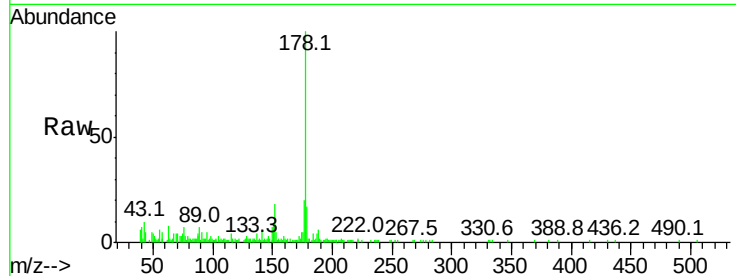
ClientSampleId :

DA855

Tot Ion:	178	Resp:	42487
Ion Ratio	Lower	Upper	
178	100		
179	16.9	12.4	18.6
176	20.0	16.5	24.7

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#74

Fluoranthene

Concen: 3.22 ng/ul

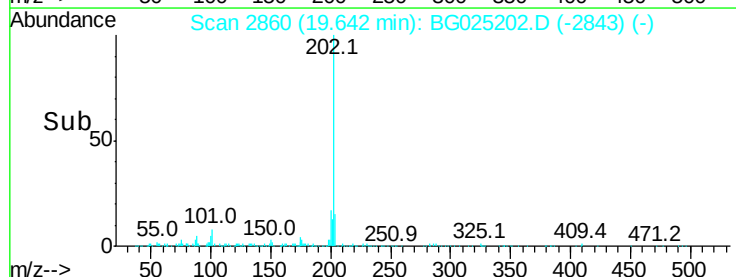
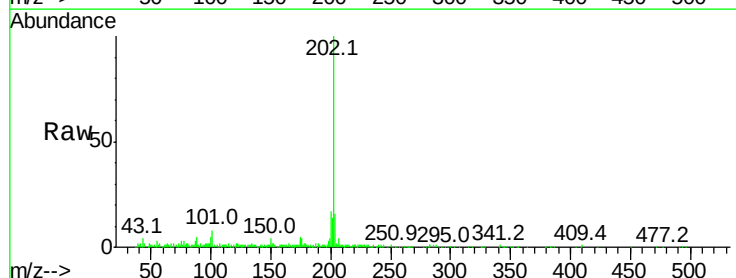
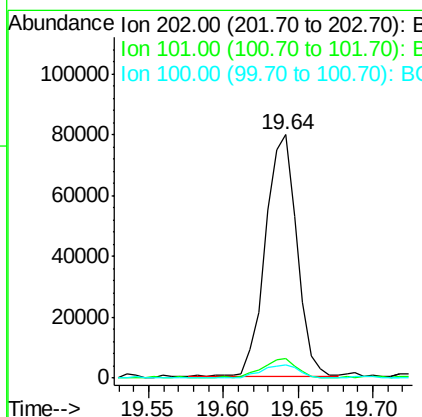
RT: 19.64 min Scan# 2860

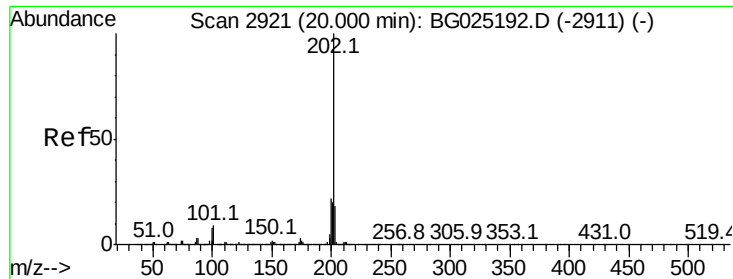
Delta R.T. -0.00 min

Lab File: BG025202.D

Acq: 15 Dec 2016 8:05

Tgt Ion:	202	Resp:	116751
Ion Ratio	Lower	Upper	
202	100		
101	8.1	6.2	9.2
100	5.4	5.2	7.8





#77

Pvrene

Concen: 2.99 ng/ul

RT: 20.00 min Scan# 2921

Delta R.T. -0.00 min

Lab File: BG025202.D

Acq: 15 Dec 2016 8:05

Instrument :

BNA_G

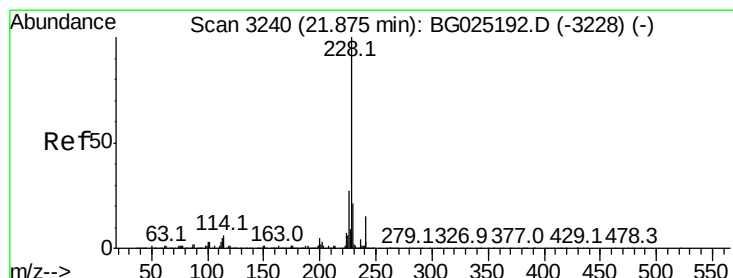
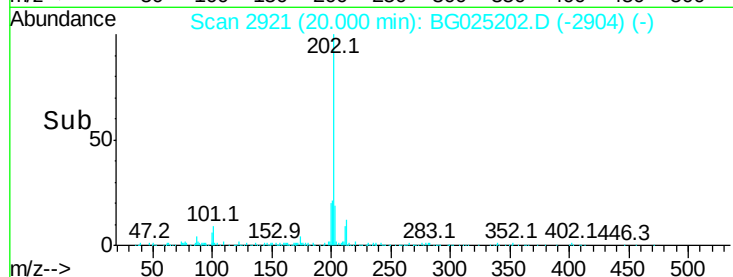
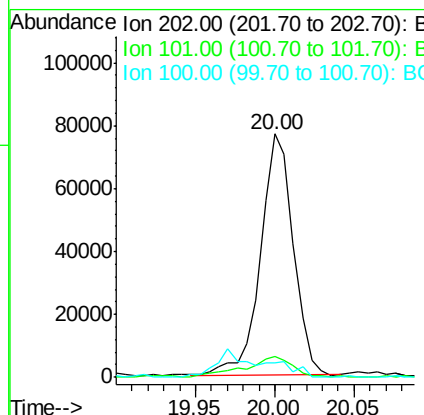
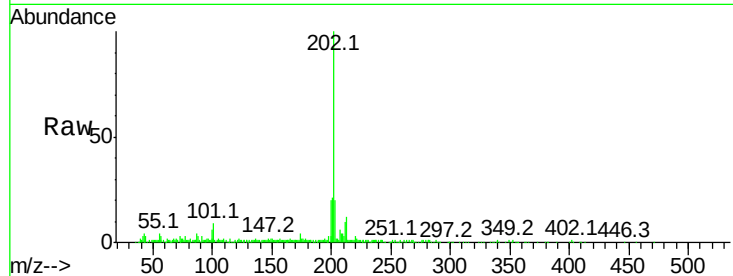
ClientSampled :

DA855

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	8.6	6.9	10.3
100	6.0	6.6	10.0#

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#80

Benzo(a)anthracene

Concen: 2.38 ng/ul

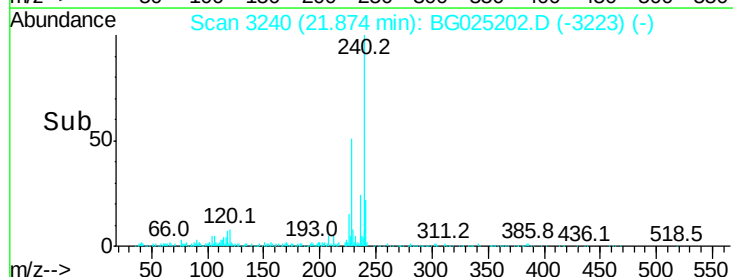
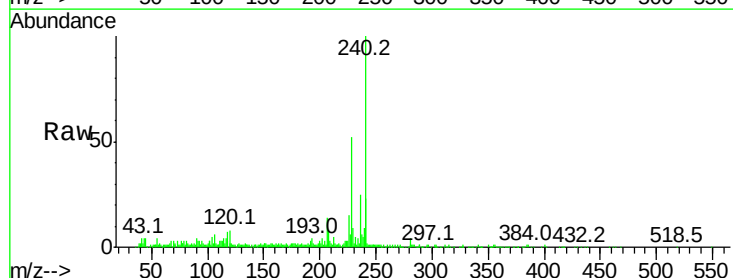
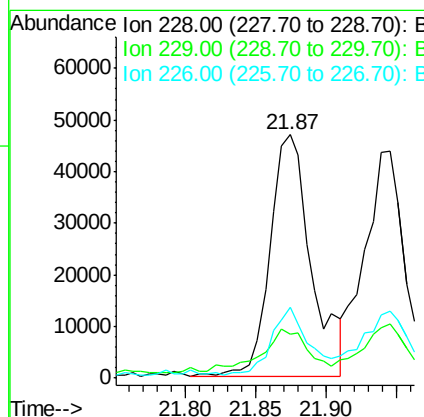
RT: 21.87 min Scan# 3240

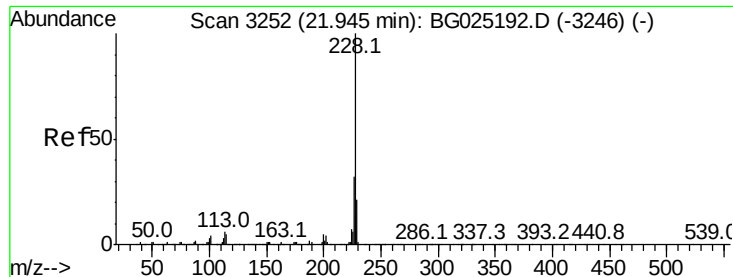
Delta R.T. -0.00 min

Lab File: BG025202.D

Acq: 15 Dec 2016 8:05

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	18.0	16.3	24.5
226	29.1	21.9	32.9





#82

Chrysene

Concen: 2.25 ng/ul

RT: 21.94 min Scan# 3252

Delta R.T. -0.00 min

Lab File: BG025202.D

Acq: 15 Dec 2016 8:05

Instrument :

BNA_G

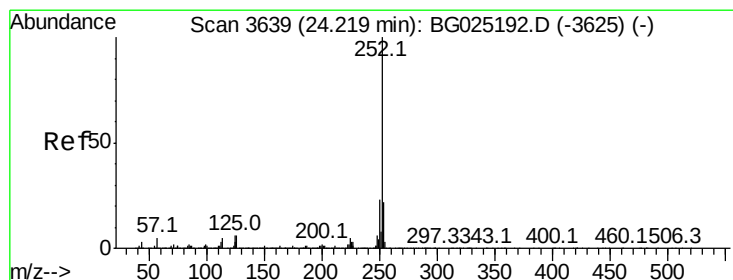
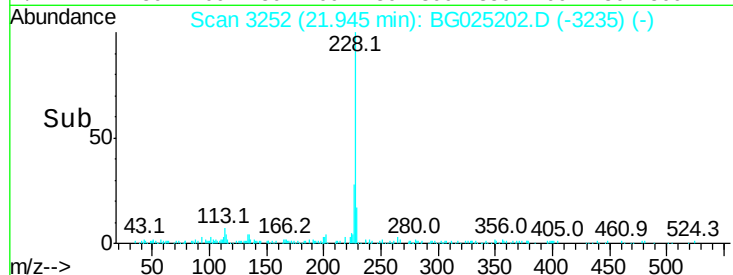
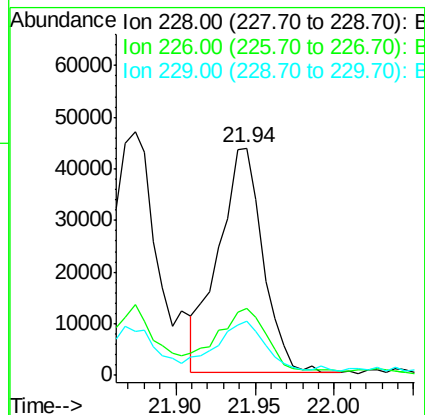
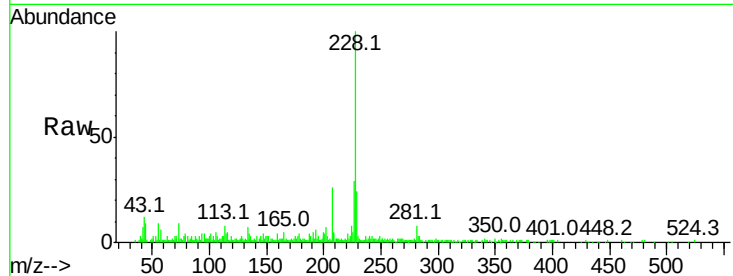
ClientSampleId :

DA855

Tot Ion:	228	Resp:	84285
Ion Ratio	Lower	Upper	
228	100		
226	29.3	24.0	36.0
229	23.8	16.9	25.3

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#85

Benzo(b)fluoranthene

Concen: 3.69 ng/ul

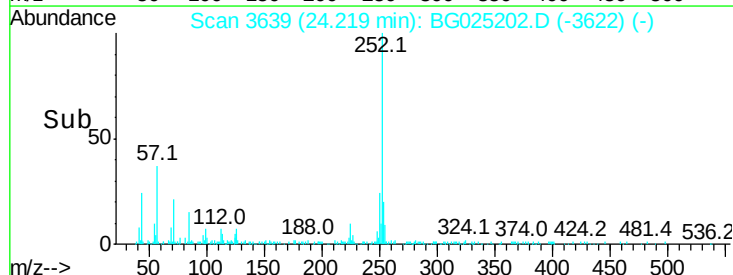
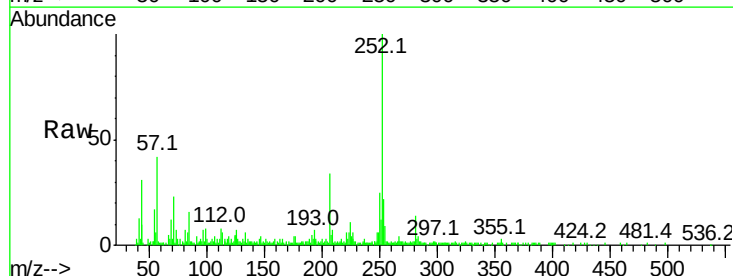
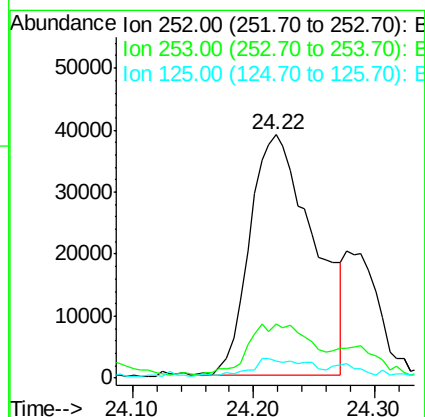
RT: 24.22 min Scan# 3639

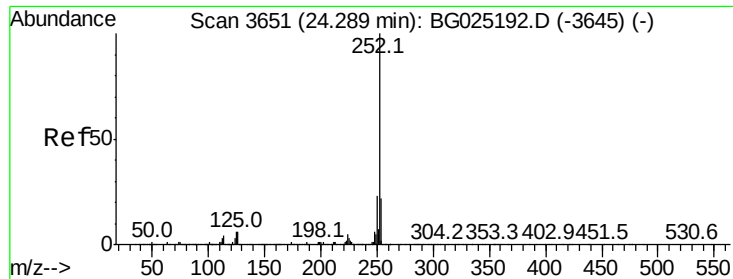
Delta R.T. -0.00 min

Lab File: BG025202.D

Acq: 15 Dec 2016 8:05

Tgt Ion:	252	Resp:	142466
Ion Ratio	Lower	Upper	
252	100		
253	22.2	17.7	26.5
125	7.2	4.0	6.0#





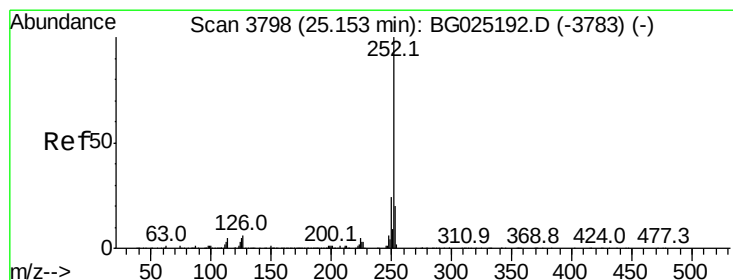
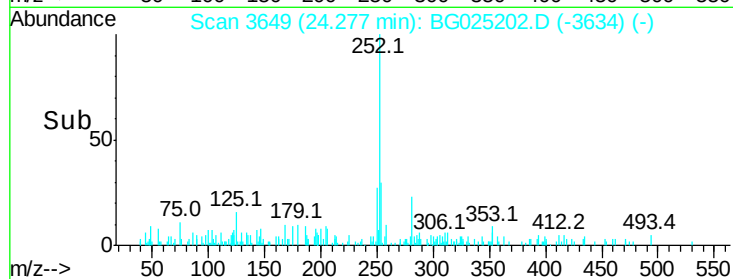
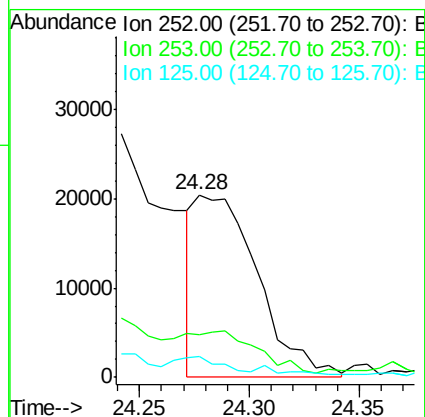
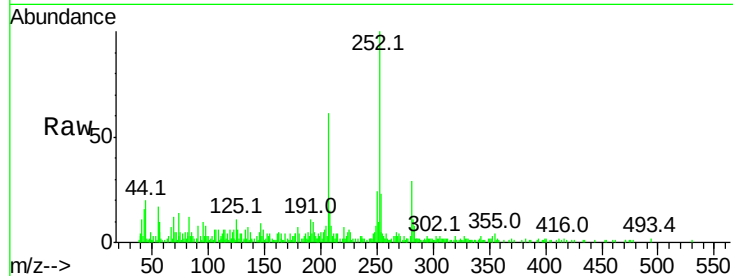
#86
Benzo(k)fluoranthene
Concen: 1.10 ng/ul m
RT: 24.28 min Scan# 3649
Delta R.T. -0.01 min
Lab File: BG025202.D
Acq: 15 Dec 2016 8:05

Instrument :
BNA_G
ClientSampleId :
DA855

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.5	27.7
125	11.2	4.1	6.1

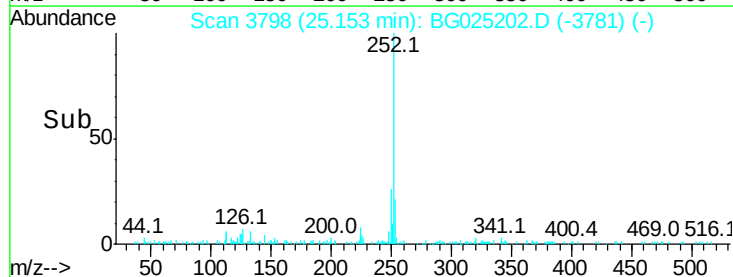
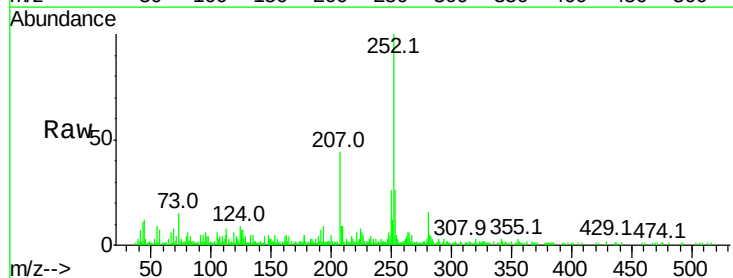
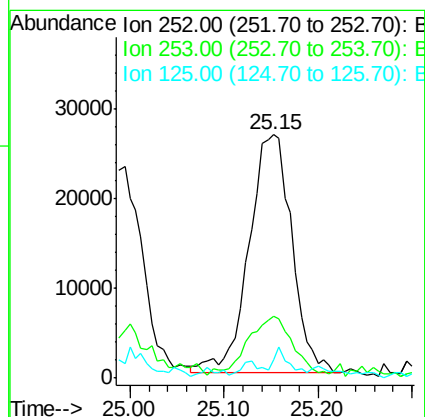
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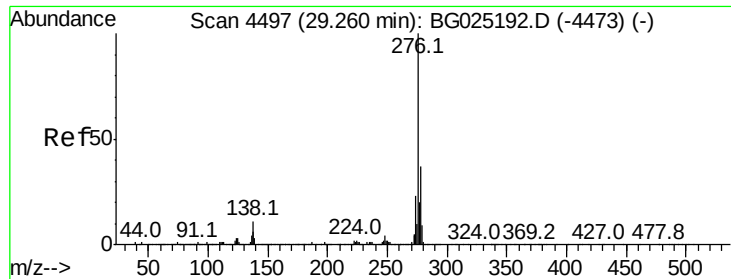
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#88
Benzo(a)pyrene
Concen: 2.24 ng/ul
RT: 25.15 min Scan# 3798
Delta R.T. -0.00 min
Lab File: BG025202.D
Acq: 15 Dec 2016 8:05

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.6	17.8	26.6
125	7.3	5.4	8.0





#89

Indeno(1,2,3-cd)pyrene

Concen: 1.16 ng/ul

RT: 29.23 min Scan# 4492

Delta R.T. -0.03 min

Lab File: BG025202.D

Acq: 15 Dec 2016 8:05

Instrument :

BNA_G

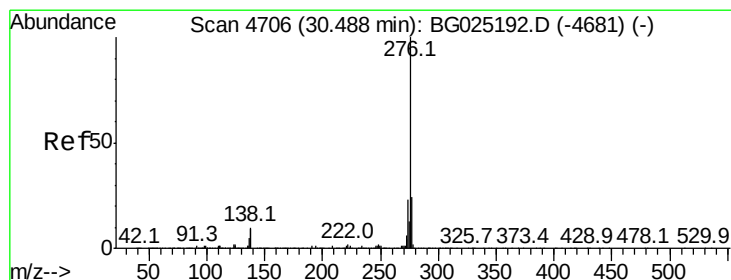
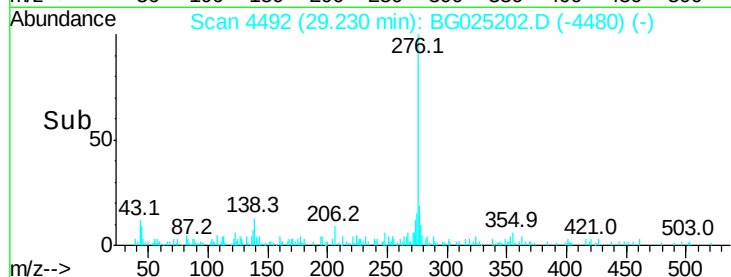
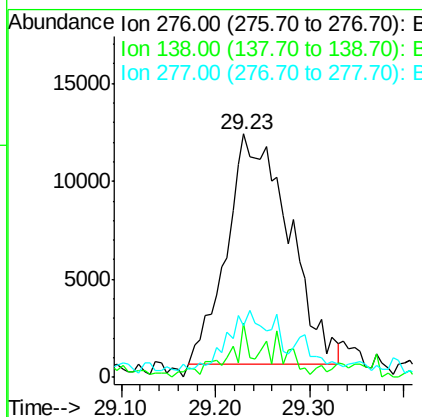
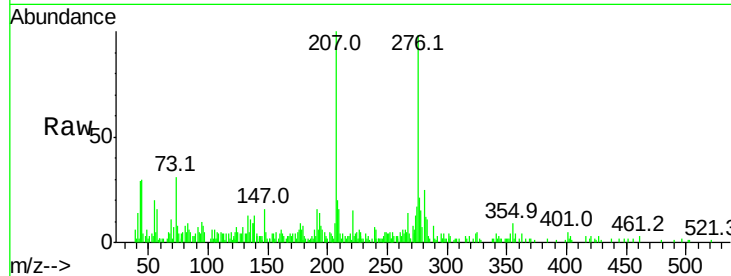
ClientSampleId :

DA855

Tot Ion:	276	Resp:	53472
Ion Ratio	Lower	Upper	
276	100		
138	22.2	8.2	12.4#
277	21.2	18.6	28.0

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#91

Benzo(g,h,i)perylene

Concen: 1.29 ng/ul m

RT: 30.48 min Scan# 4705

Delta R.T. -0.01 min

Lab File: BG025202.D

Acq: 15 Dec 2016 8:05

Tgt Ion:	276	Resp:	49721
Ion Ratio	Lower	Upper	
276	100		
138	19.6	8.6	12.8#
277	19.7	17.6	26.4

