

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG110917\
 Data File : BG030883.D
 Acq On : 9 Nov 2017 17:04
 Operator : SJ/JU
 Sample : I6286-05
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B0F38

Manual Integrations
 APPROVED

Sohil
 11/10/2017 1:12:56 PM

Quant Time: Nov 10 01:58:12 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101417.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Nov 10 01:20:10 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	62344	20.00	ng/ul	0.00
18) Naphthalene-d8	10.96	136	297724	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.77	164	202419	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.51	188	510981	20.00	ng/ul	0.00
75) Chrysene-d12	21.78	240	548218	20.00	ng/ul	0.00
83) Perylene-d12	25.09	264	532635	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.53	96	3389	2.21	ng/uL	0.00
5) Phenol-d5	7.31	99	82419	13.77	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.47	67	50204	13.41	ng/ul	0.00
9) 2-Chlorophenol-d4	7.68	132	67985	16.11	ng/ul	0.00
13) 4-Methylphenol-d8	8.86	113	65346	13.52	ng/ul	0.00
19) Nitrobenzene-d5	9.32	128	38305	17.92	ng/ul	0.00
22) 2-Nitrophenol-d4	10.04	143	48100	21.96	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.59	165	85300	17.09	ng/ul	0.00
29) 4-Chloroaniline-d4	11.10	131	92265	15.91	ng/ul	0.00
43) Dimethylphthalate-d6	14.16	166	319143	18.44	ng/ul	0.00
46) Acenaphthylene-d8	14.46	160	387426	18.41	ng/ul	0.00
51) 4-Nitrophenol-d4	14.97	143	48003	15.03	ng/ul	0.00
57) Fluorene-d10	15.76	176	295357	20.84	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.88	200	49003	19.65	ng/ul	0.00
70) Anthracene-d10	17.61	188	476686	19.73	ng/ul	0.00
76) Pyrene-d10	19.88	212	565588	19.93	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.86	264	530996	21.05	ng/ul	0.00

Target Compounds

					Qvalue	
6) Phenol	7.34	94	6626	1.070	ng/ul#	88
44) Dimethylphthalate	14.21	163	48529	2.875	ng/ul	99
69) Phenanthrene	17.55	178	150625	5.453	ng/ul	97
74) Fluoranthene	19.55	202	172393	5.584	ng/ul	99
77) Pyrene	19.91	202	243682	6.632	ng/ul	99
80) Benzo(a)anthracene	21.76	228	86594	2.520	ng/ul	96
82) Chrysene	21.83	228	115175m	3.690	ng/ul	
85) Benzo(b)fluoranthene	24.04	252	86711	2.712	ng/ul	97
86) Benzo(k)fluoranthene	24.09	252	34334m	1.111	ng/ul	
88) Benzo(a)pyrene	24.93	252	75221	2.417	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	28.86	276	46340	1.316	ng/ul#	89
91) Benzo(g,h,i)perylene	30.05	276	44550	1.526	ng/ul#	93

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

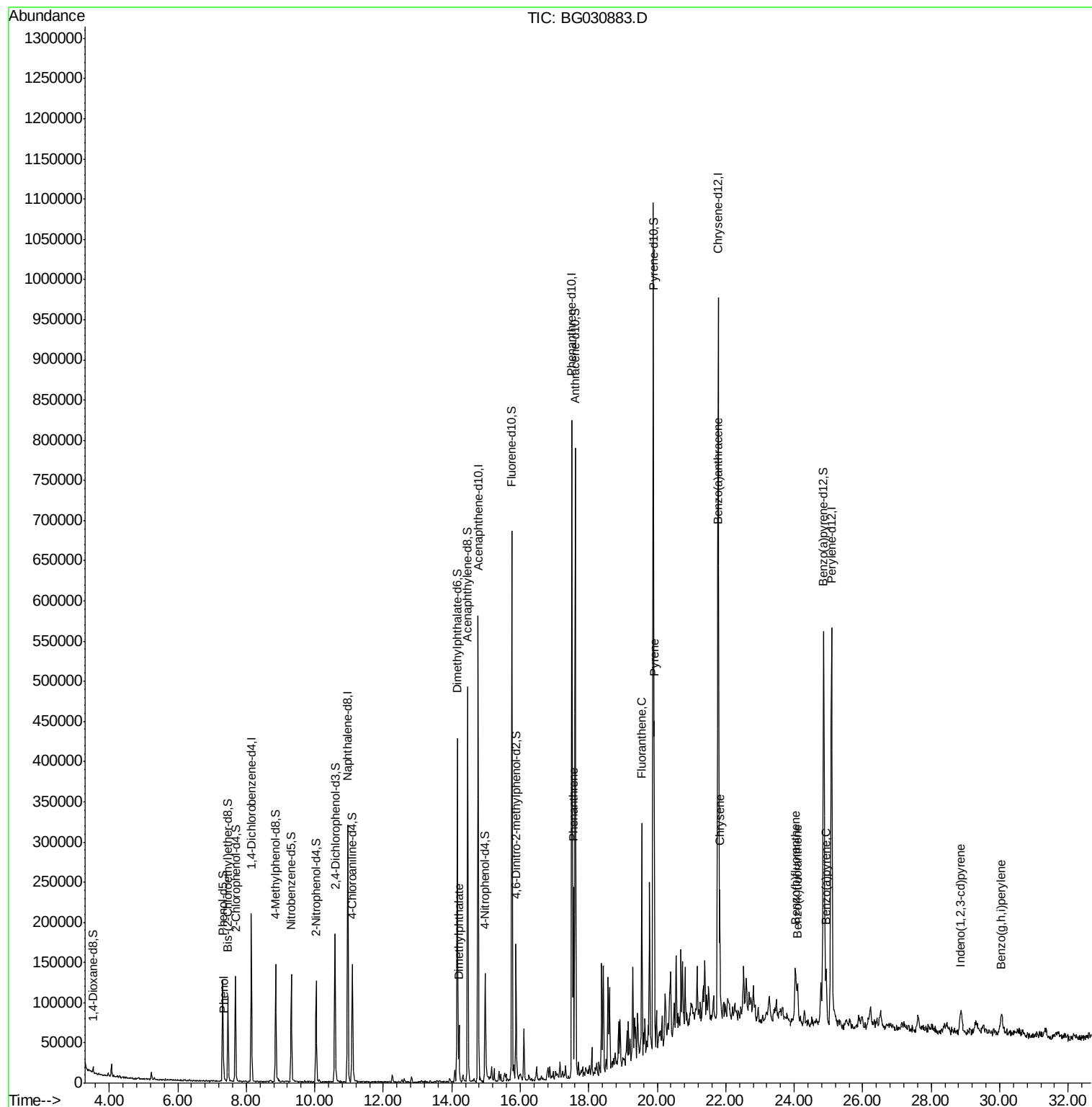
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG110917\
Data File : BG030883.D
Acq On : 9 Nov 2017 17:04
Operator : SJ/JU
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Misc :
ALS Vial : 8 Sample Multiplier: 1

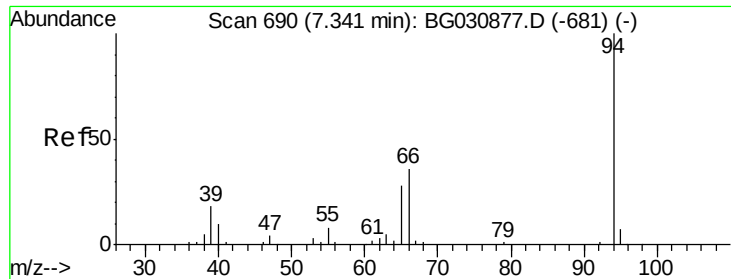
Instrument :
BNA_G
ClientSampled :
B0F38

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Quant Time: Nov 10 01:58:12 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101417.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Nov 10 01:20:10 2017
Response via : Initial Calibration





#6

Phenol

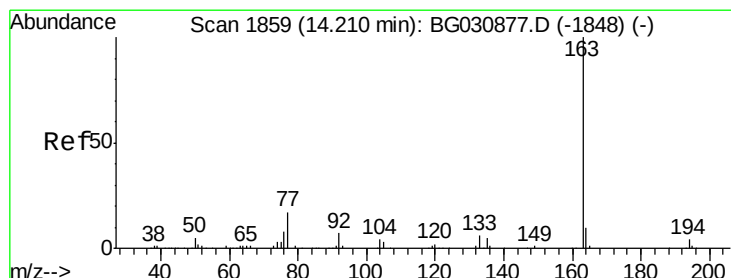
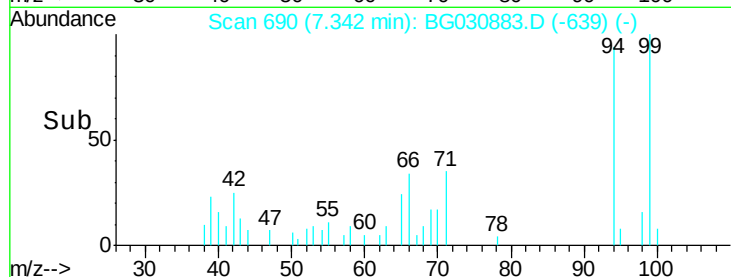
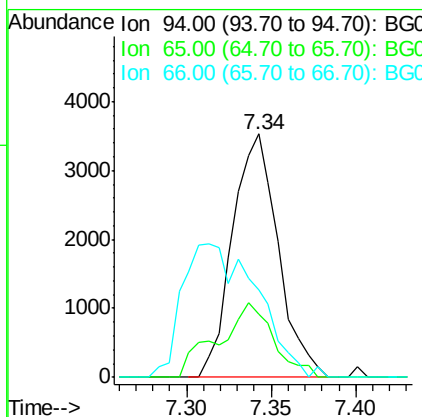
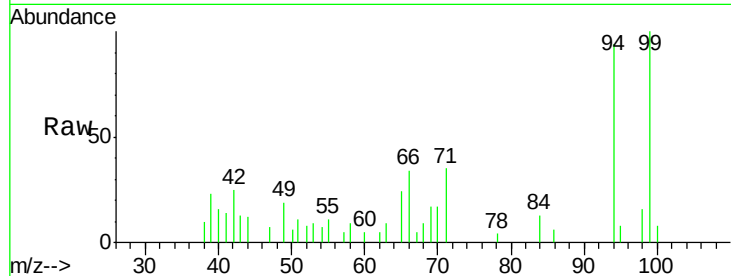
Concen: 1.070 ng/ul
 RT: 7.34 min Scan# 690
 Delta R.T. 0.00 min
 Lab File: BG030883.D
 Acq: 9 Nov 2017 17:04

Instrument :
 BNA_G
 ClientSampleId :
 B0F38

Tgt Ion	Ratio	Lower	Upper
94	100		
65	25.9	27.1	40.7#
66	36.2	34.6	52.0

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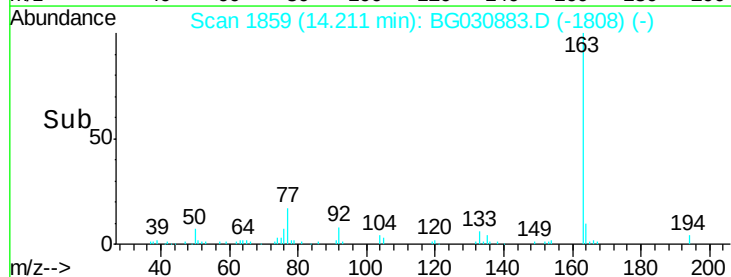
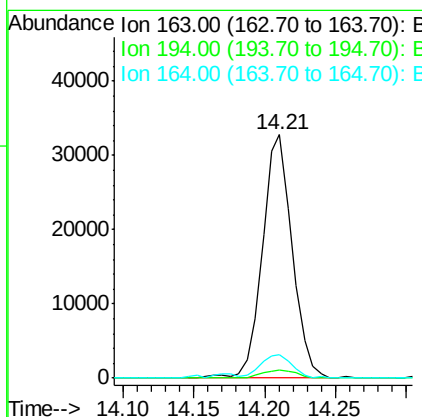
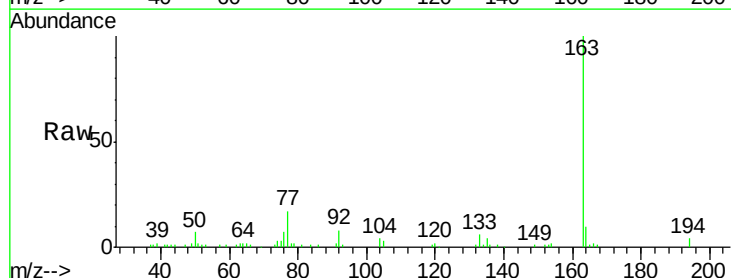


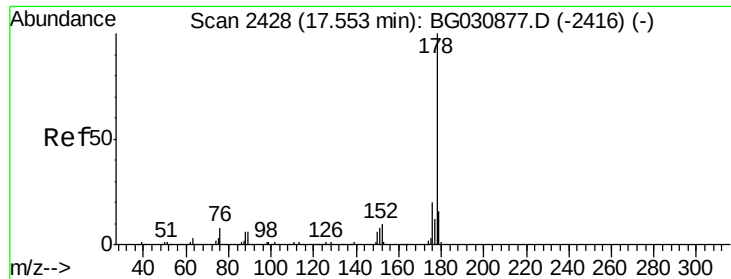
#44

Dimethylphthalate

Concen: 2.875 ng/ul
 RT: 14.21 min Scan# 1859
 Delta R.T. 0.00 min
 Lab File: BG030883.D
 Acq: 9 Nov 2017 17:04

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.6	3.5	5.3
164	9.7	7.6	11.4





#69

Phenanthrene

Concen: 5.453 ng/ul

RT: 17.55 min Scan# 2427

Delta R.T. -0.00 min

Lab File: BG030883.D

Acq: 9 Nov 2017 17:04

Instrument :

BNA_G

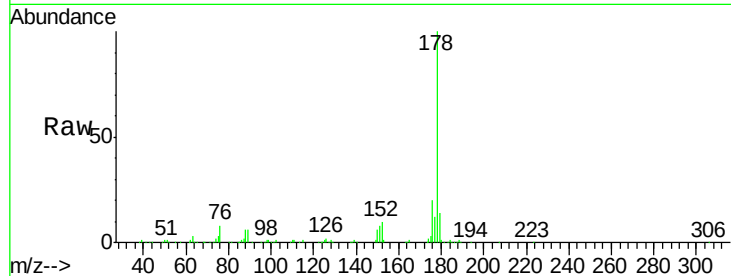
ClientSampleId :

B0F38

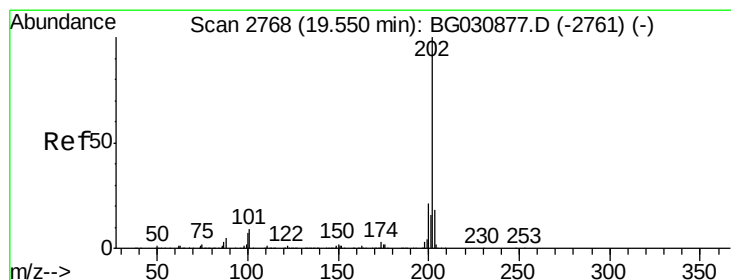
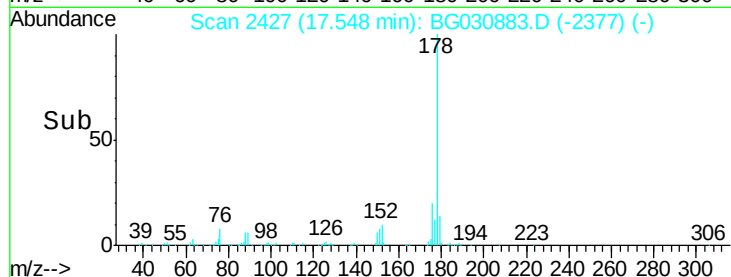
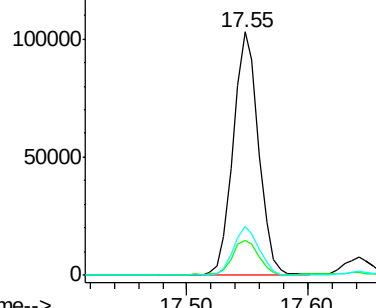
Tgt Ion:	178	Resp:	150625
Ion Ratio	Lower	Upper	
178	100		
179	14.4	13.0	19.6
176	20.0	15.3	22.9

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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



#74

Fluoranthene

Concen: 5.584 ng/ul

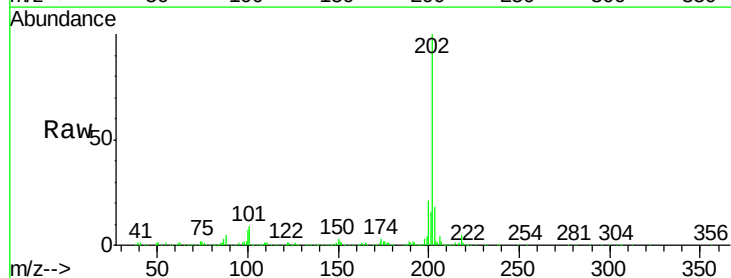
RT: 19.55 min Scan# 2767

Delta R.T. -0.00 min

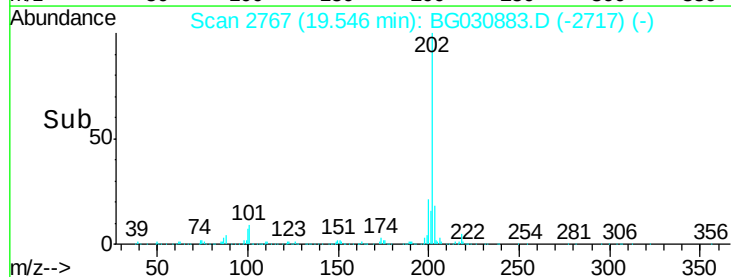
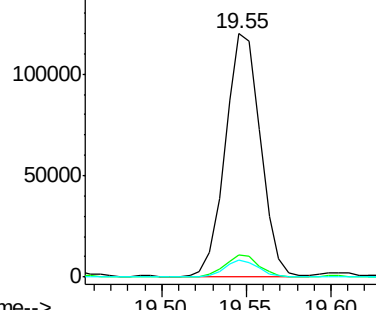
Lab File: BG030883.D

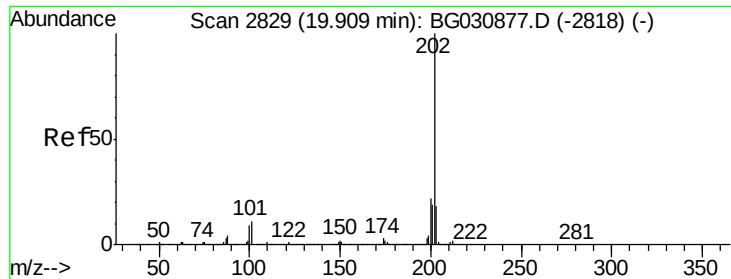
Acq: 9 Nov 2017 17:04

Tgt Ion:	202	Resp:	172393
Ion Ratio	Lower	Upper	
202	100		
101	8.9	7.4	11.2
100	7.2	5.6	8.4



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





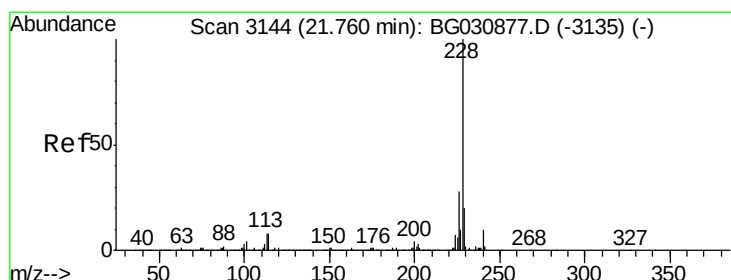
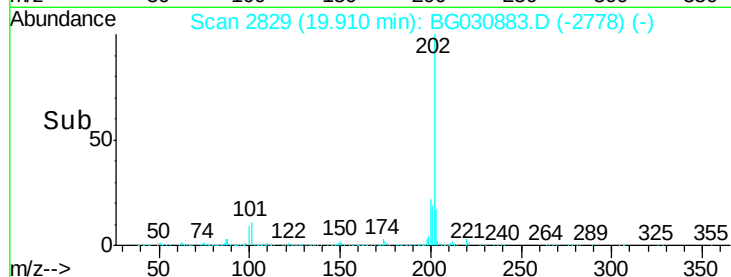
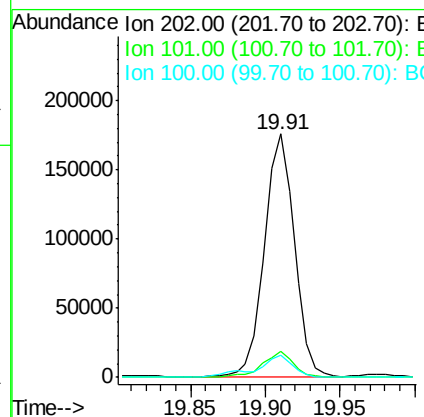
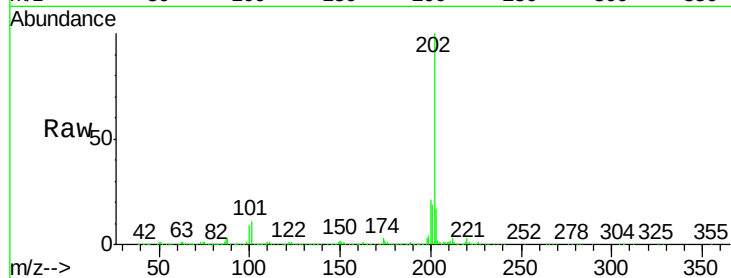
#77
 Pyrene
 Concen: 6.632 ng/ul
 RT: 19.91 min Scan# 2829
 Delta R.T. 0.00 min
 Lab File: BG030883.D
 Acq: 9 Nov 2017 17:04

Instrument :
 BNA_G
 ClientSampleId :
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Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	10.6	8.4	12.6
100	9.1	7.0	10.6

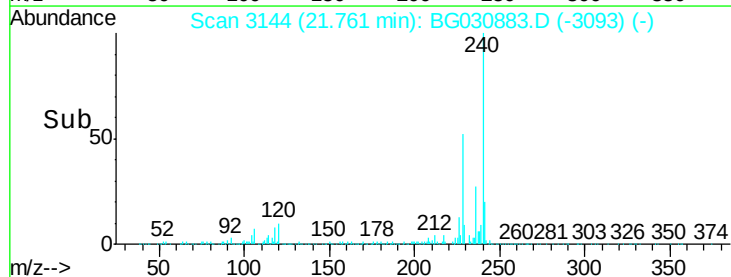
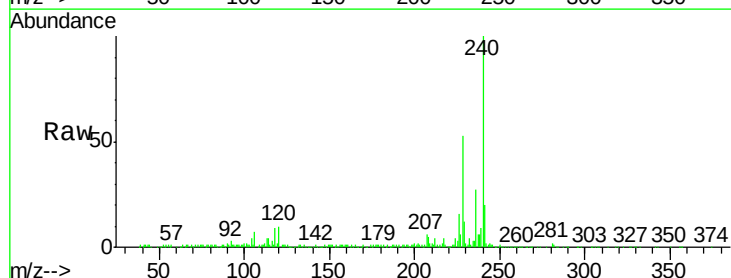
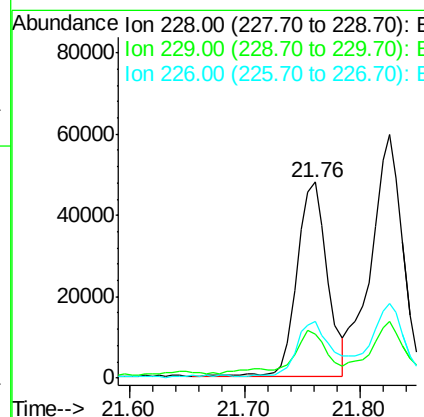
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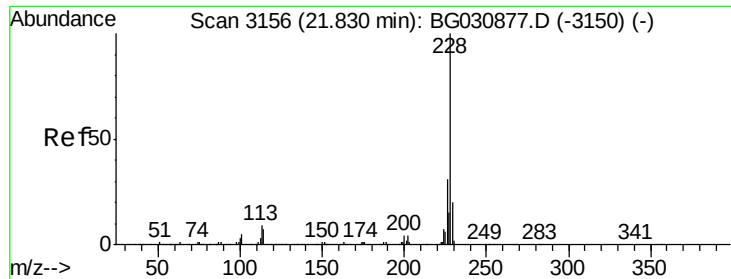
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#80
 Benzo(a)anthracene
 Concen: 2.520 ng/ul
 RT: 21.76 min Scan# 3144
 Delta R.T. 0.00 min
 Lab File: BG030883.D
 Acq: 9 Nov 2017 17:04

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	22.5	16.2	24.4
226	29.1	22.2	33.2





#82

Chrysene

Concen: 3.690 ng/ul m

RT: 21.83 min Scan# 3155

Delta R.T. -0.00 min

Lab File: BG030883.D

Acq: 9 Nov 2017 17:04

Instrument :

BNA_G

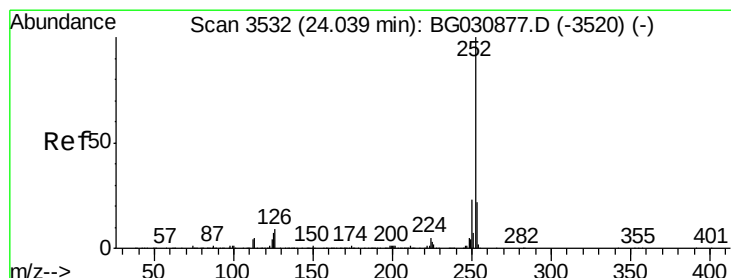
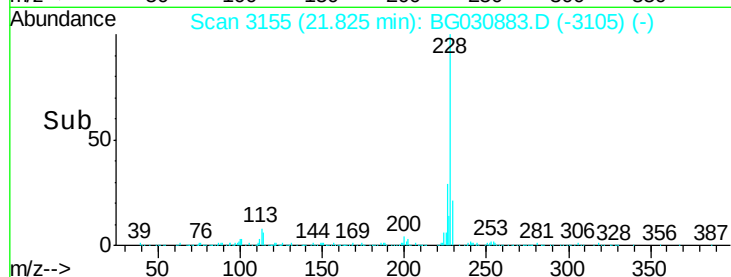
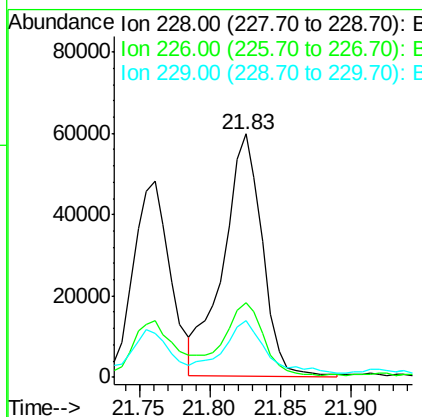
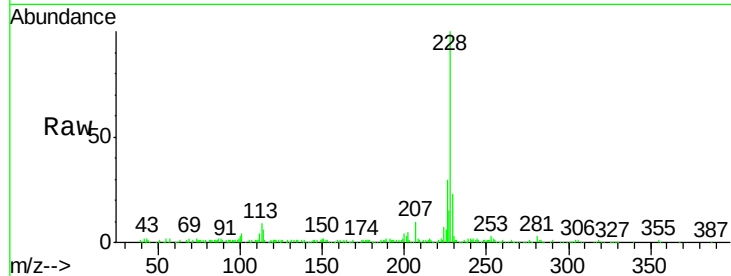
ClientSampleId :

B0F38

Tgt Ion:	228	Resp:	115175
Ion Ratio		Lower	Upper
228	100		
226	30.4	24.2	36.2
229	23.3	15.2	22.8#

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#85

Benzo(b)fluoranthene

Concen: 2.712 ng/ul

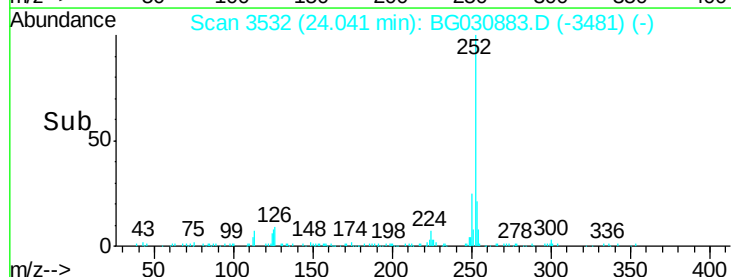
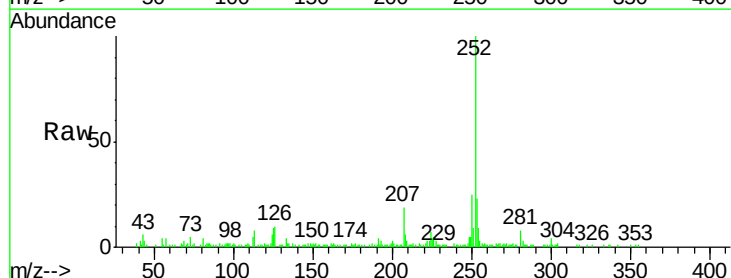
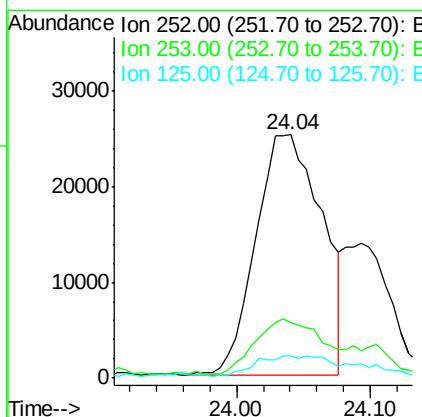
RT: 24.04 min Scan# 3532

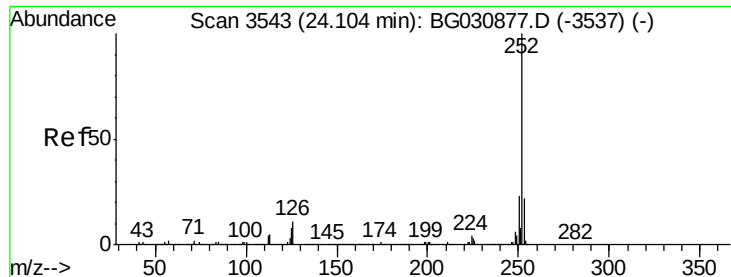
Delta R.T. 0.00 min

Lab File: BG030883.D

Acq: 9 Nov 2017 17:04

Tgt Ion:	252	Resp:	86711
Ion Ratio		Lower	Upper
252	100		
253	22.9	17.0	25.4
125	9.3	7.5	11.3





#86

Benzo(k)fluoranthene

Concen: 1.111 ng/ul m

RT: 24.09 min Scan# 3541

Delta R.T. -0.01 min

Lab File: BG030883.D

Acq: 9 Nov 2017 17:04

Instrument :

BNA_G

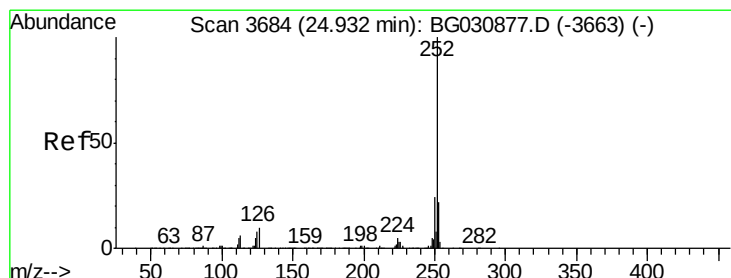
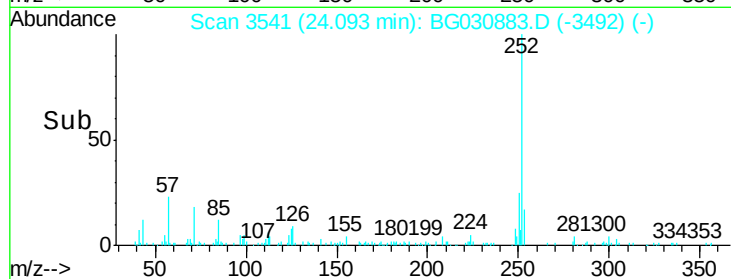
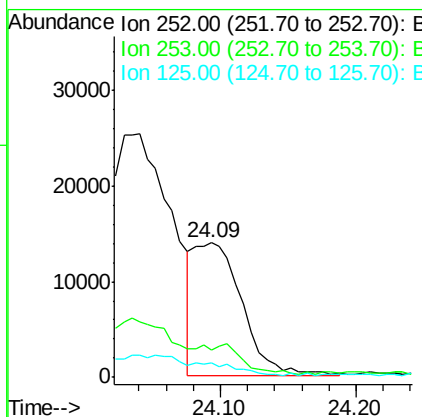
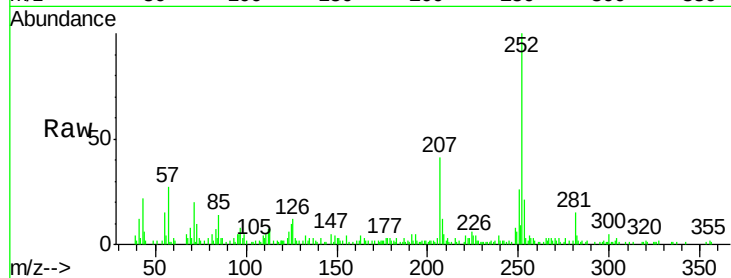
ClientSampleId :

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Tgt Ion:	252	Resp:	34334
Ion Ratio	Lower	Upper	
252	100		
253	20.7	17.2	25.8
125	10.5	7.8	11.8

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#88

Benzo(a)pyrene

Concen: 2.417 ng/ul

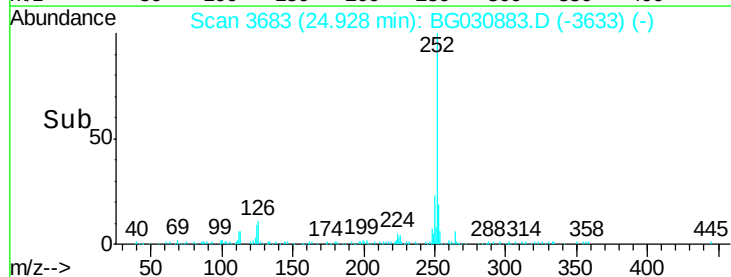
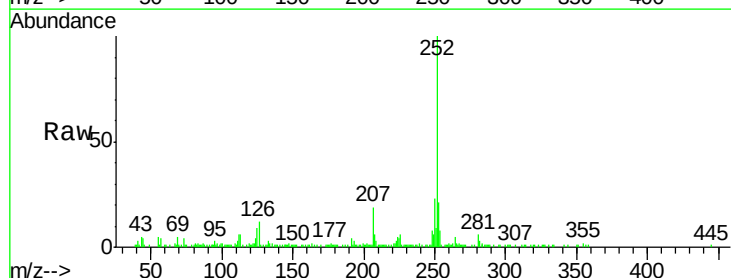
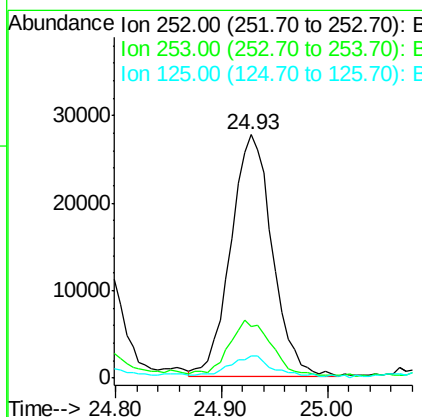
RT: 24.93 min Scan# 3683

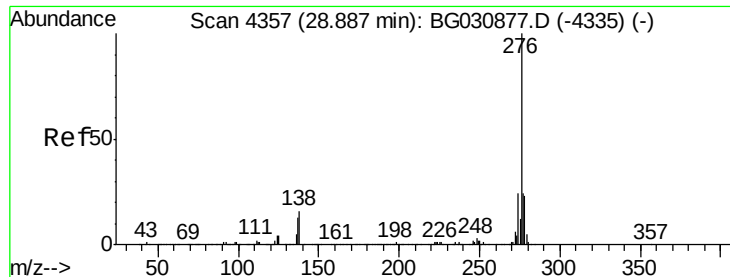
Delta R.T. -0.00 min

Lab File: BG030883.D

Acq: 9 Nov 2017 17:04

Tgt Ion:	252	Resp:	75221
Ion Ratio	Lower	Upper	
252	100		
253	21.1	17.1	25.7
125	9.3	7.8	11.8





#89

Indeno(1,2,3-cd)pyrene

Concen: 1.316 ng/ul

RT: 28.86 min Scan# 4352

Delta R.T. -0.03 min

Lab File: BG030883.D

Acq: 9 Nov 2017 17:04

Instrument :

BNA_G

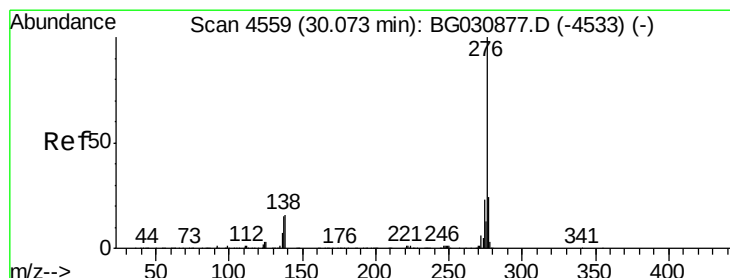
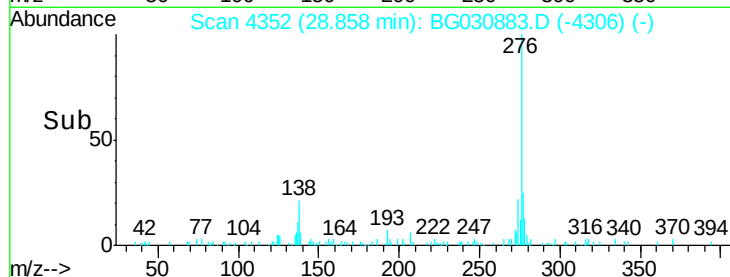
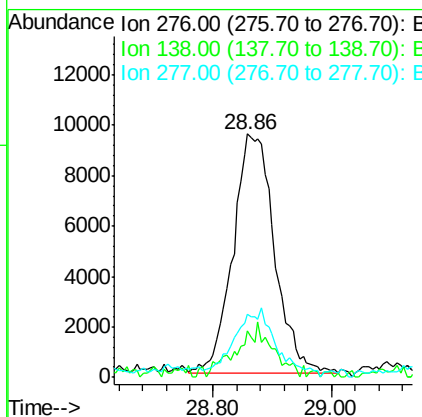
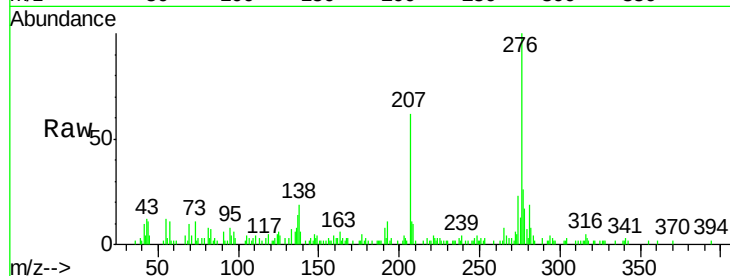
ClientSampleId :

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Tgt Ion:	276	Resp:	46340
Ion Ratio	Lower	Upper	
276	100		
138	24.7	13.4	20.0#
277	26.2	18.6	28.0

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#91

Benzo(g,h,i)perylene

Concen: 1.526 ng/ul

RT: 30.05 min Scan# 4555

Delta R.T. -0.02 min

Lab File: BG030883.D

Acq: 9 Nov 2017 17:04

Tgt Ion:	276	Resp:	44550
Ion Ratio	Lower	Upper	
276	100		
138	18.5	12.1	18.1#
277	25.3	17.7	26.5

