

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG110617\
 Data File : BG030787.D
 Acq On : 6 Nov 2017 22:42
 Operator : SJ/JU
 Sample : I6188-04
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B0EKO

Manual Integrations
 APPROVED

Sohil
 11/7/2017 5:37:58 PM

Quant Time: Nov 07 07:14:26 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101417.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Nov 07 06:56:14 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	81545	20.00	ng/ul	0.00
18) Naphthalene-d8	10.97	136	378023	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.77	164	250059	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.51	188	623872	20.00	ng/ul	0.00
75) Chrysene-d12	21.78	240	654319	20.00	ng/ul	0.00
83) Perylene-d12	25.09	264	671036	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.54	96	11951	5.96	ng/uL	0.00
5) Phenol-d5	7.31	99	208156	26.60	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.47	67	134699	27.50	ng/ul	0.00
9) 2-Chlorophenol-d4	7.69	132	178741	32.37	ng/ul	0.00
13) 4-Methylphenol-d8	8.86	113	147521	23.34	ng/ul	0.00
19) Nitrobenzene-d5	9.32	128	95601	35.23	ng/ul	0.00
22) 2-Nitrophenol-d4	10.04	143	114441	41.16	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.59	165	197734	31.21	ng/ul	0.00
29) 4-Chloroaniline-d4	11.10	131	209154	28.41	ng/ul	0.00
43) Dimethylphthalate-d6	14.17	166	665966	31.15	ng/ul	0.00
46) Acenaphthylene-d8	14.47	160	842210	32.39	ng/ul	0.00
51) 4-Nitrophenol-d4	14.97	143	91833	23.27	ng/ul	0.00
57) Fluorene-d10	15.76	176	632034	36.10	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.88	200	66702	21.90	ng/ul	0.00
70) Anthracene-d10	17.61	188	983685	33.34	ng/ul	0.00
76) Pyrene-d10	19.89	212	1112625	32.85	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.87	264	1123964	35.36	ng/ul	0.00

Target Compounds

					Qvalue
6) Phenol	7.34	94	14442	1.783 ng/ul	94
44) Dimethylphthalate	14.21	163	169700	8.138 ng/ul	96
69) Phenanthrene	17.55	178	74048	2.196 ng/ul	98
74) Fluoranthene	19.55	202	178097	4.725 ng/ul	100
77) Pyrene	19.91	202	179412	4.091 ng/ul	98
80) Benzo(a)anthracene	21.77	228	94585m	2.307 ng/ul	
82) Chrysene	21.83	228	117879	3.164 ng/ul	94
85) Benzo(b)fluoranthene	24.04	252	125253	3.109 ng/ul	96
86) Benzo(k)fluoranthene	24.10	252	45035m	1.156 ng/ul	
88) Benzo(a)pyrene	24.94	252	87297	2.226 ng/ul	98
89) Indeno(1,2,3-cd)pyrene	28.88	276	66891	1.508 ng/ul	96
91) Benzo(g,h,i)perylene	30.05	276	60386	1.642 ng/ul#	94

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

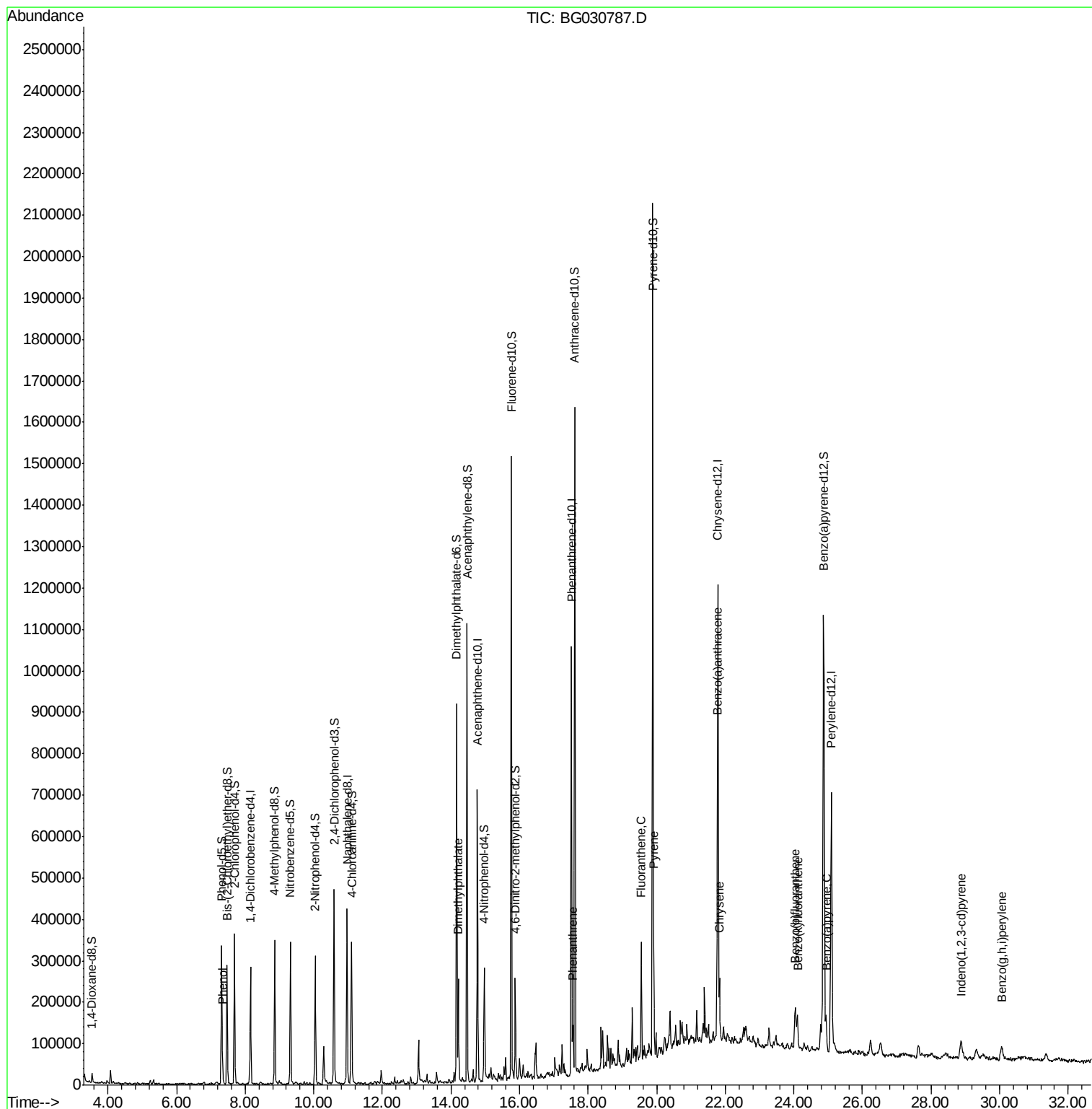
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG110617\
Data File : BG030787.D
Acq On : 6 Nov 2017 22:42
Operator : SJ/JU
Sample : I6188-04
Misc :
ALS Vial : 22 Sample Multiplier: 1

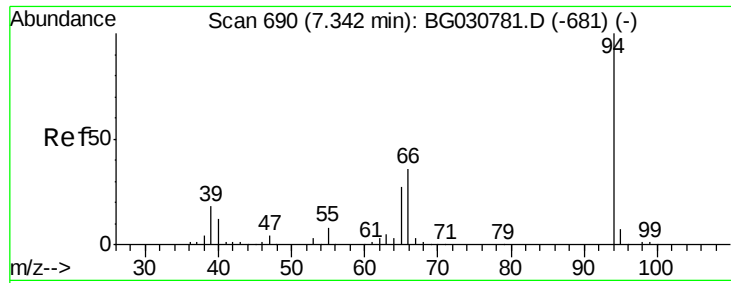
Instrument :
BNA_G
ClientSampled :
B0EK0

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Quant Time: Nov 07 07:14:26 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101417.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 07 06:56:14 2017
Response via : Initial Calibration





#6

Phenol

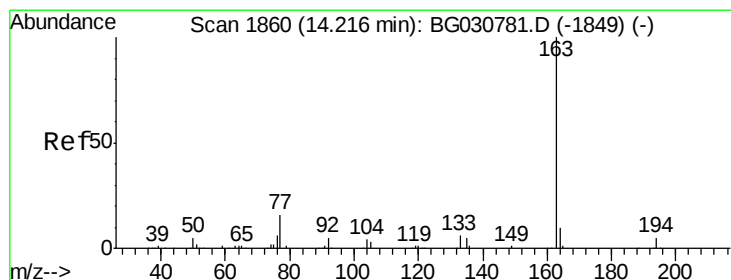
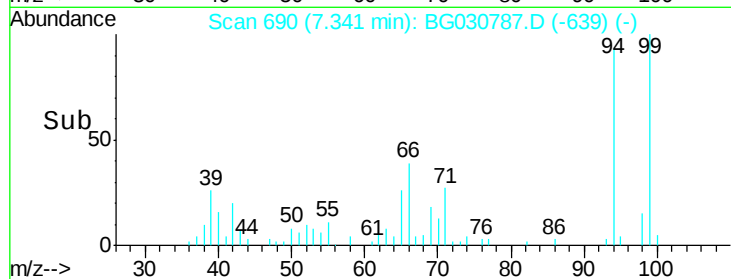
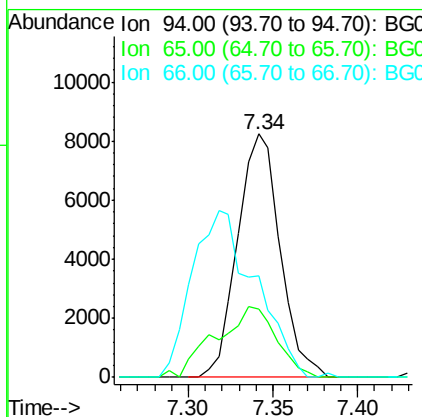
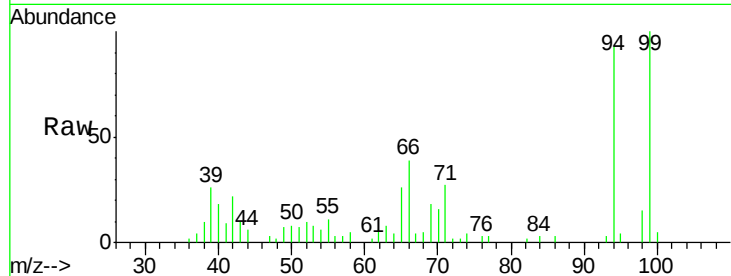
Concen: 1.783 ng/ul
 RT: 7.34 min Scan# 690
 Delta R.T. -0.00 min
 Lab File: BG030787.D
 Acq: 6 Nov 2017 22:42

Instrument :
 BNA_G
 ClientSampled :
 B0EK0

Tgt Ion	Ratio	Lower	Upper
94	100		
65	28.1	27.1	40.7
66	41.7	34.6	52.0

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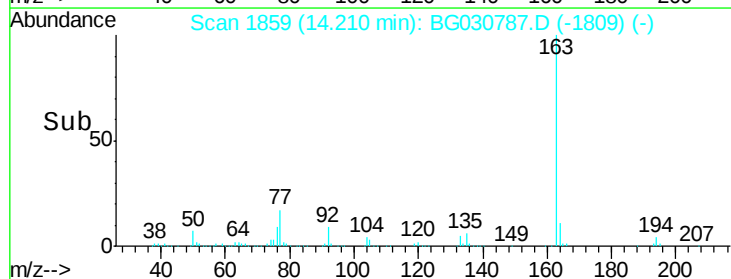
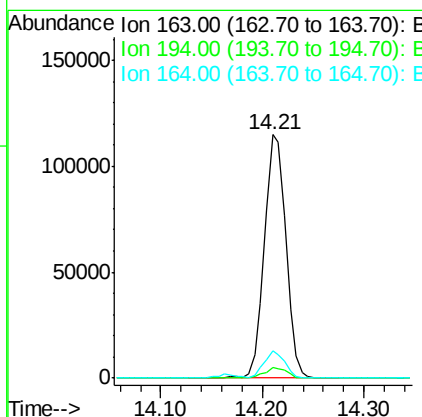
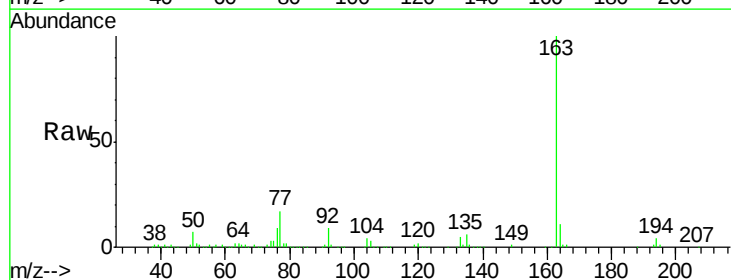


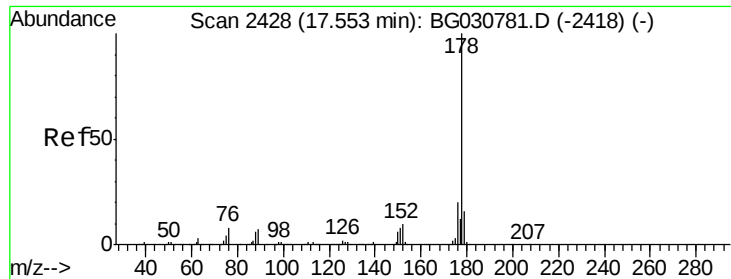
#44

Dimethylphthalate

Concen: 8.138 ng/ul
 RT: 14.21 min Scan# 1859
 Delta R.T. -0.01 min
 Lab File: BG030787.D
 Acq: 6 Nov 2017 22:42

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.5	5.3
164	11.4	7.6	11.4





#69

Phenanthrene

Concen: 2.196 ng/ul

RT: 17.55 min Scan# 2428

Delta R.T. -0.00 min

Lab File: BG030787.D

Acq: 6 Nov 2017 22:42

Instrument :

BNA_G

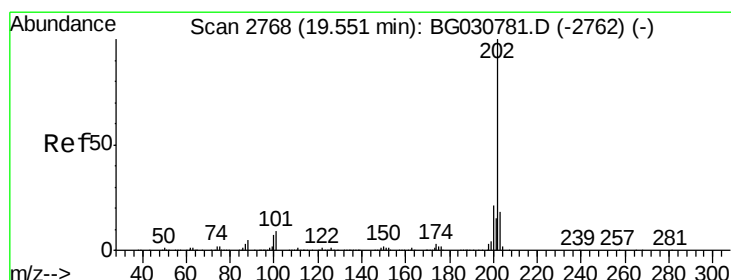
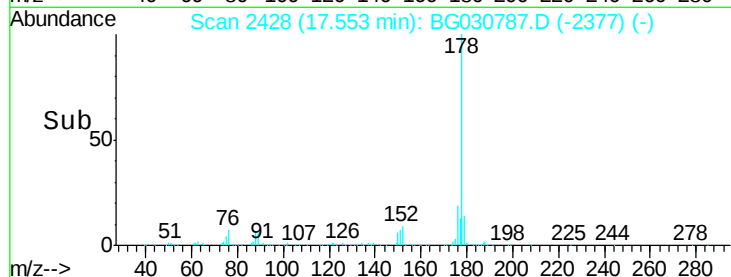
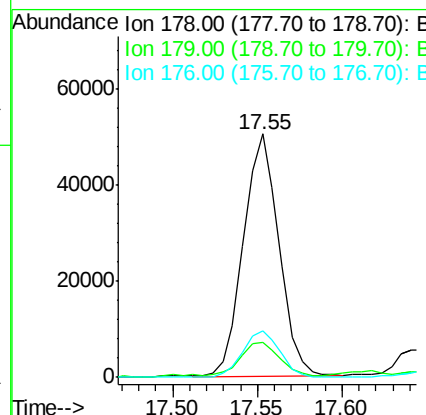
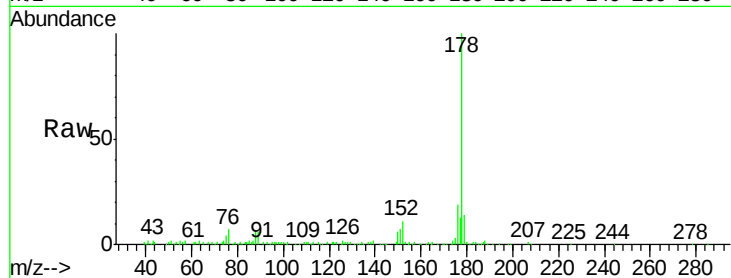
ClientSampleId :

B0EK0

Tgt Ion:	178	Resp:	74048
Ion Ratio	Lower	Upper	
178	100		
179	14.5	13.0	19.6
176	19.3	15.3	22.9

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#74

Fluoranthene

Concen: 4.725 ng/ul

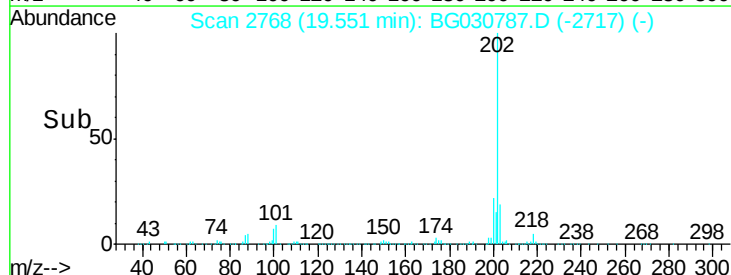
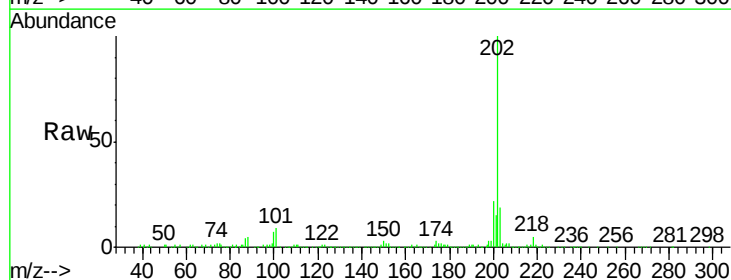
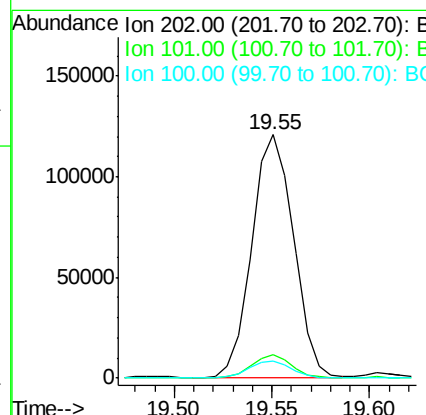
RT: 19.55 min Scan# 2768

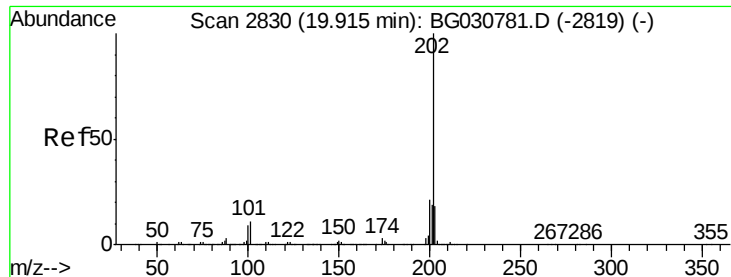
Delta R.T. -0.00 min

Lab File: BG030787.D

Acq: 6 Nov 2017 22:42

Tgt Ion:	202	Resp:	178097
Ion Ratio	Lower	Upper	
202	100		
101	9.4	7.4	11.2
100	7.1	5.6	8.4





#77

Pyrene

Concen: 4.091 ng/ul

RT: 19.91 min Scan# 2830

Delta R.T. -0.00 min

Lab File: BG030787.D

Acq: 6 Nov 2017 22:42

Instrument :

BNA_G

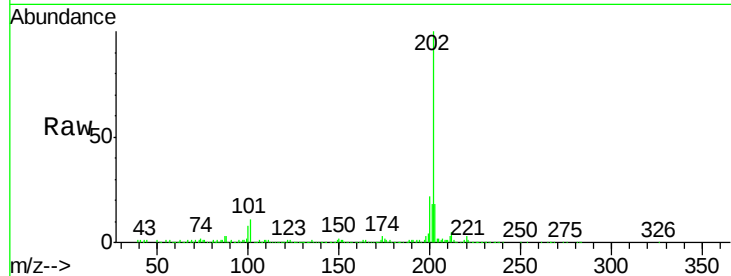
ClientSampleId :

B0EK0

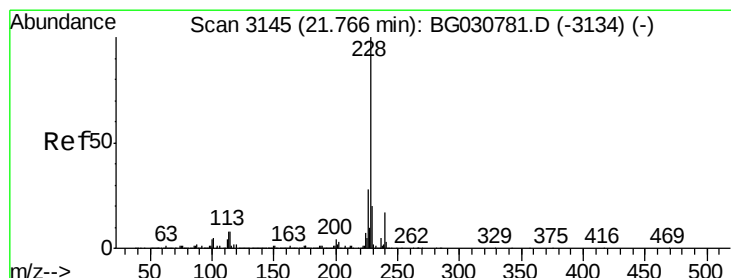
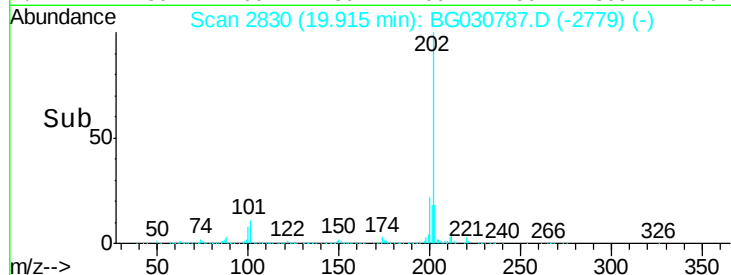
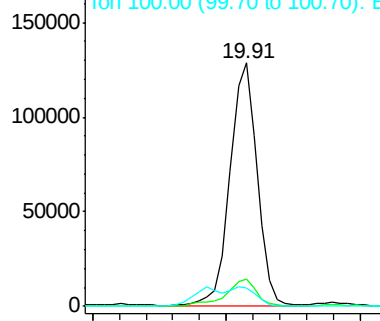
Tgt Ion:	202	Resp:	179412
Ion Ratio	Lower	Upper	
202	100		
101	11.0	8.4	12.6
100	7.7	7.0	10.6

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Abundance Ion 202.00 (201.70 to 202.70): E



#80

Benzo(a)anthracene

Concen: 2.307 ng/ul m

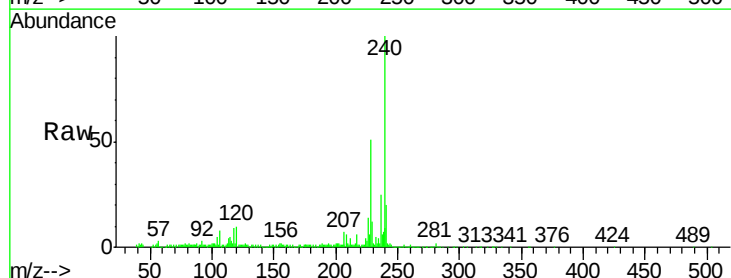
RT: 21.77 min Scan# 3145

Delta R.T. -0.00 min

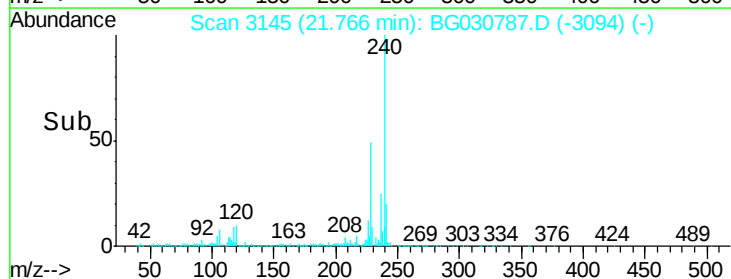
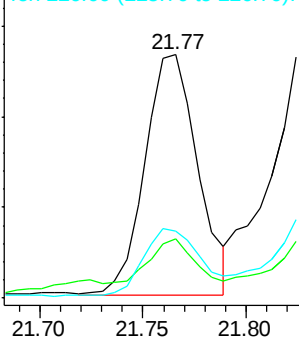
Lab File: BG030787.D

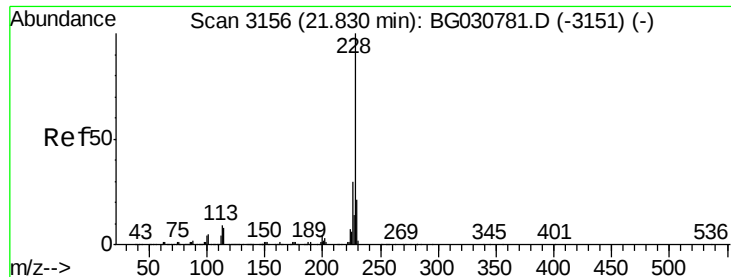
Acq: 6 Nov 2017 22:42

Tgt Ion:	228	Resp:	94585
Ion Ratio	Lower	Upper	
228	100		
229	24.4	16.2	24.4#
226	27.3	22.2	33.2



Abundance Ion 228.00 (227.70 to 228.70): E





#82

Chrysene

Concen: 3.164 ng/ul

RT: 21.83 min Scan# 3156

Delta R.T. -0.00 min

Lab File: BG030787.D

Acq: 6 Nov 2017 22:42

Instrument :

BNA_G

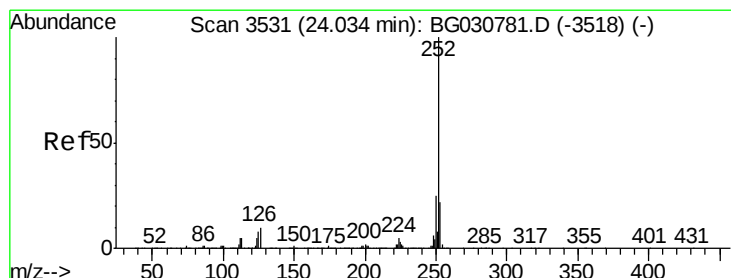
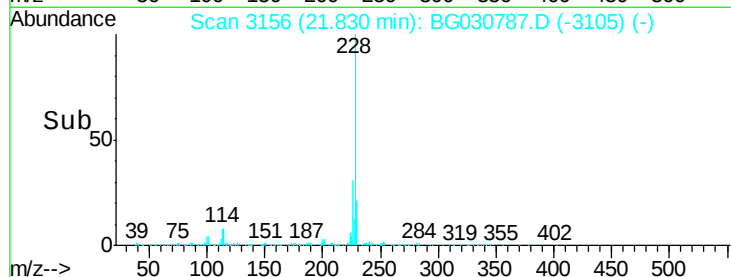
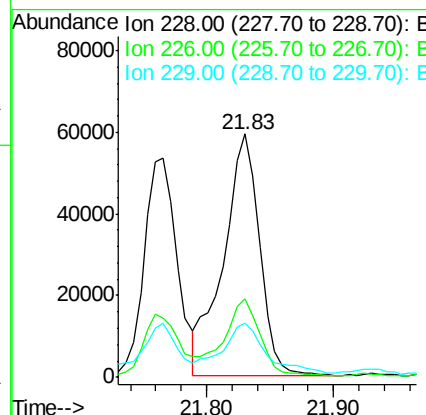
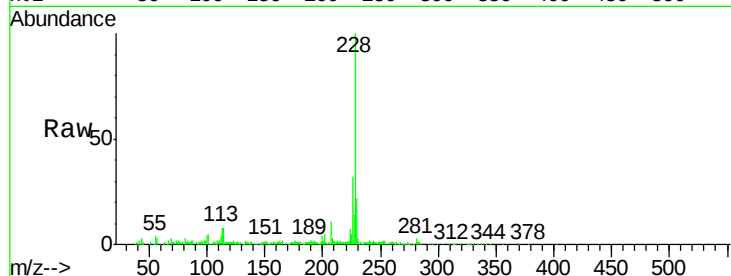
ClientSampleId :

B0EK0

Tgt Ion:	228	Resp:	117879
Ion Ratio	Lower	Upper	
228	100		
226	32.5	24.2	36.2
229	22.5	15.2	22.8

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#85

Benzo(b)fluoranthene

Concen: 3.109 ng/ul

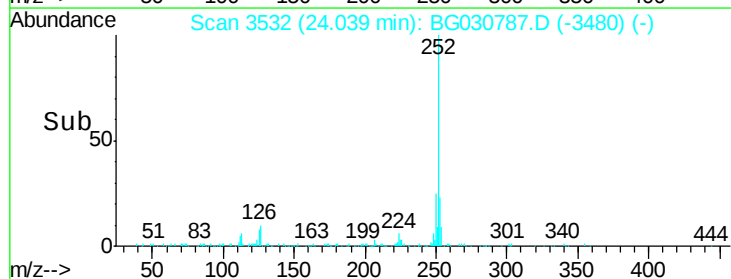
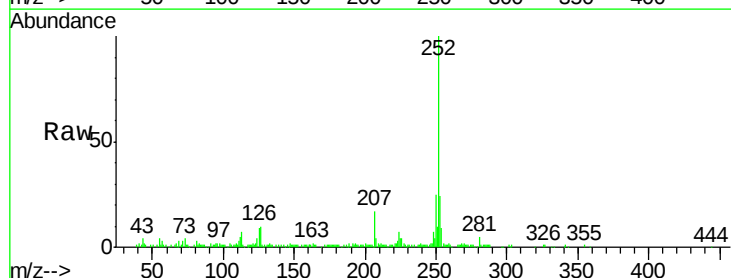
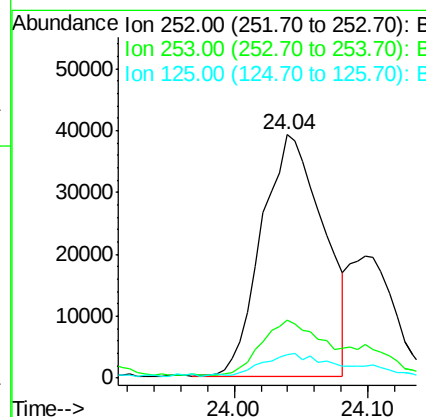
RT: 24.04 min Scan# 3532

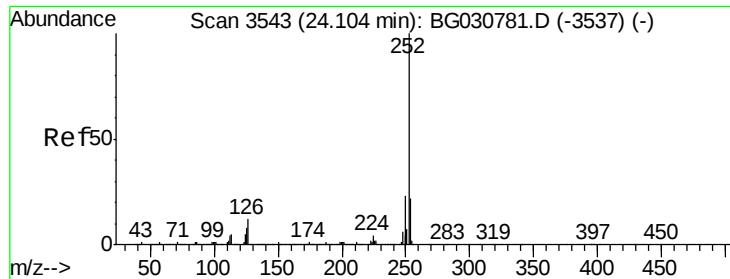
Delta R.T. 0.01 min

Lab File: BG030787.D

Acq: 6 Nov 2017 22:42

Tgt Ion:	252	Resp:	125253
Ion Ratio	Lower	Upper	
252	100		
253	23.8	17.0	25.4
125	9.4	7.5	11.3





#86

Benzo(k)fluoranthene

Concen: 1.156 ng/ul m

RT: 24.10 min Scan# 3542

Delta R.T. -0.01 min

Lab File: BG030787.D

Acq: 6 Nov 2017 22:42

Instrument :

BNA_G

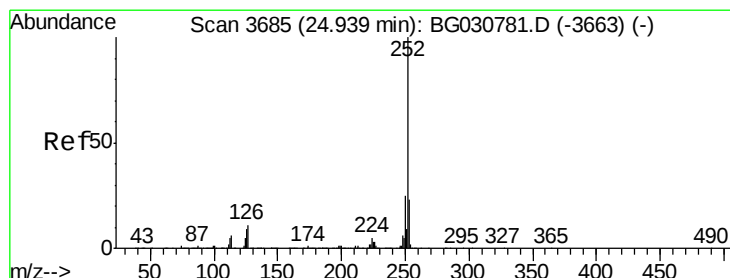
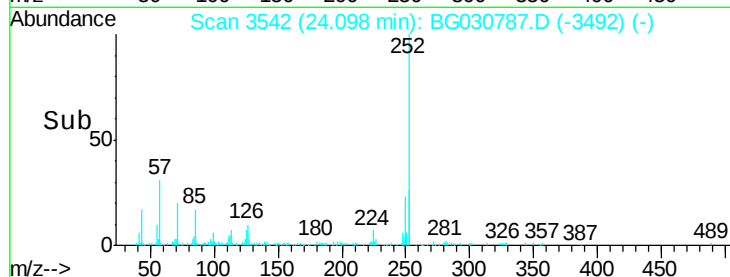
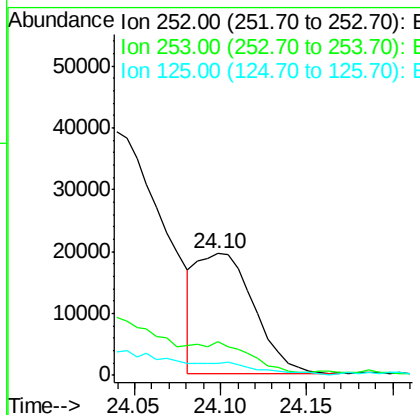
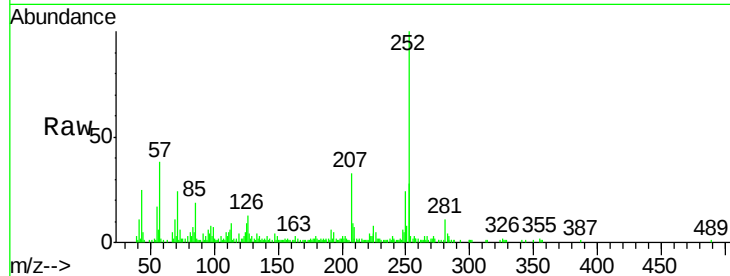
ClientSampled :

B0EK0

Tgt Ion:	252	Resp:	45035
Ion Ratio	Lower	Upper	
252	100		
253	28.2	17.2	25.8#
125	9.4	7.8	11.8

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#88

Benzo(a)pyrene

Concen: 2.226 ng/ul

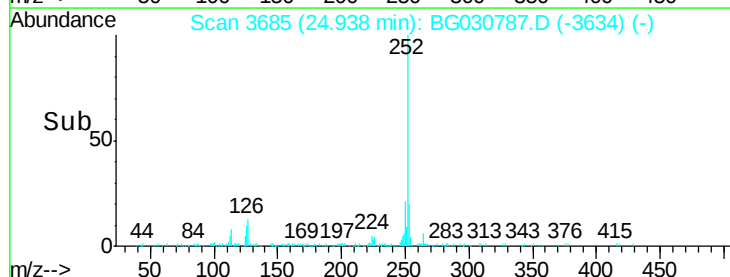
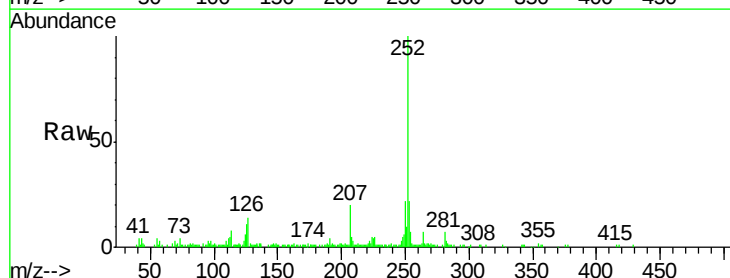
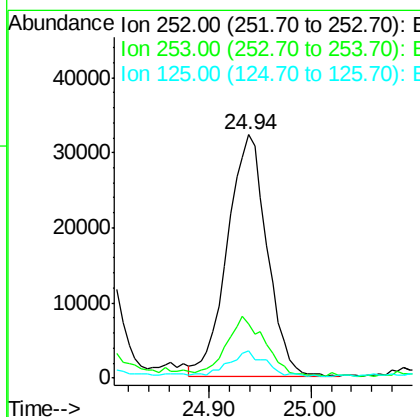
RT: 24.94 min Scan# 3685

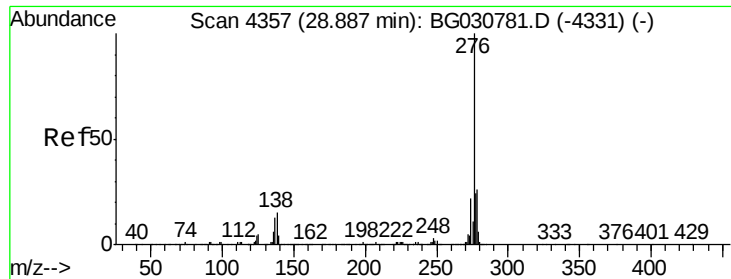
Delta R.T. -0.00 min

Lab File: BG030787.D

Acq: 6 Nov 2017 22:42

Tgt Ion:	252	Resp:	87297
Ion Ratio	Lower	Upper	
252	100		
253	22.2	17.1	25.7
125	11.3	7.8	11.8





#89

Indeno(1,2,3-cd)pyrene

Concen: 1.508 ng/ul

RT: 28.88 min Scan# 4356

Delta R.T. -0.01 min

Lab File: BG030787.D

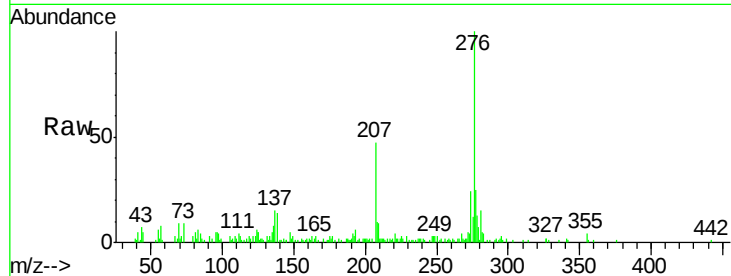
Acq: 6 Nov 2017 22:42

Instrument :

BNA_G

ClientSampleId :

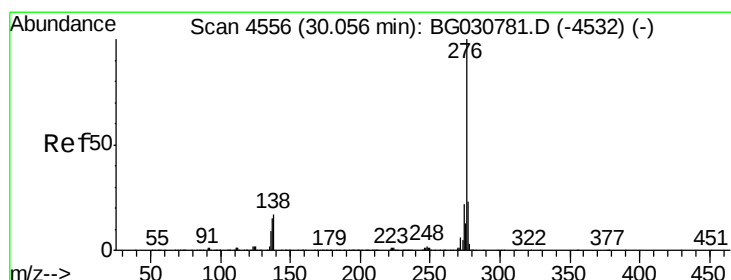
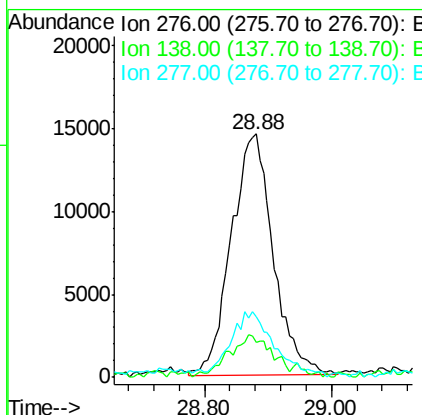
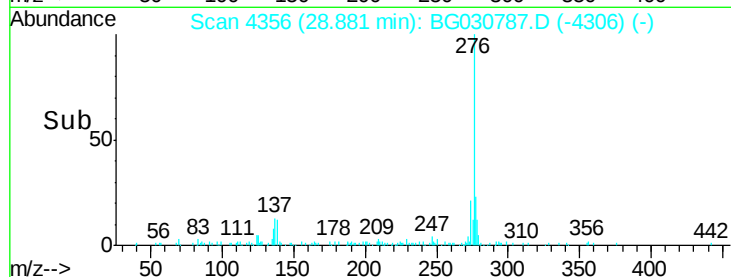
B0EK0



Tgt Ion	Ratio	Lower	Upper
276	100		
138	14.4	13.4	20.0
277	25.0	18.6	28.0

Manual Integrations
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#91

Benzo(g,h,i)perylene

Concen: 1.642 ng/ul

RT: 30.05 min Scan# 4555

Delta R.T. -0.01 min

Lab File: BG030787.D

Acq: 6 Nov 2017 22:42

Tgt Ion	Ratio	Lower	Upper
276	100		
138	19.5	12.1	18.1#
277	20.6	17.7	26.5

