

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG110617\
 Data File : BG030807.D
 Acq On : 7 Nov 2017 11:57
 Operator : SJ/JU
 Sample : I6188-10DL 10X
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleID :
 B0EL4DL

Manual Integrations
 APPROVED

Sohil
 11/7/2017 5:38:17 PM

Quant Time: Nov 07 13:18:13 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101417.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Nov 07 08:04:16 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	70977	20.00	ng/ul	0.00
18) Naphthalene-d8	10.97	136	333664	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.77	164	218974	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.52	188	486545	20.00	ng/ul	0.00
75) Chrysene-d12	21.80	240	514310	20.00	ng/ul	0.01
83) Perylene-d12	25.12	264	559739	20.00	ng/ul	0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.53	96	1160	0.66	ng/uL	0.00
5) Phenol-d5	7.32	99	26131	3.84	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.47	67	15721	3.69	ng/ul	0.00
9) 2-Chlorophenol-d4	7.69	132	22501	4.68	ng/ul	0.00
13) 4-Methylphenol-d8	8.86	113	21572	3.92	ng/ul	0.00
19) Nitrobenzene-d5	9.33	128	10647	4.44	ng/ul	0.00
22) 2-Nitrophenol-d4	10.05	143	11325	4.61	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.60	165	23967	4.29	ng/ul	0.01
29) 4-Chloroaniline-d4	11.11	131	20357	3.13	ng/ul	0.00
43) Dimethylphthalate-d6	14.17	166	77641	4.15	ng/ul	0.00
46) Acenaphthylene-d8	14.47	160	100306	4.41	ng/ul	0.00
51) 4-Nitrophenol-d4	14.99	143	7189	2.08	ng/ul	0.02
57) Fluorene-d10	15.76	176	72861	4.75	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.90	200	134	0.06	ng/ul	0.01
70) Anthracene-d10	17.61	188	113651	4.94	ng/ul	0.00
76) Pyrene-d10	19.89	212	122476	4.60	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.89	264	120707	4.55	ng/ul	0.02

Target Compounds

					Qvalue	
69) Phenanthrene	17.56	178	546485	20.777	ng/ul	98
71) Anthracene	17.65	178	105136	3.874	ng/ul	99
74) Fluoranthene	19.56	202	2322646m	79.014	ng/ul	
77) Pyrene	19.93	202	2213405	64.214	ng/ul#	95
80) Benzo(a)anthracene	21.78	228	1552572	48.169	ng/ul	95
82) Chrysene	21.84	228	1520679m	51.925	ng/ul	
85) Benzo(b)fluoranthene	24.08	252	2377231	70.745	ng/ul	96
86) Benzo(k)fluoranthene	24.13	252	707360	21.772	ng/ul	96
88) Benzo(a)pyrene	24.97	252	1361487	41.624	ng/ul	96
89) Indeno(1,2,3-cd)pyrene	28.94	276	1104435	29.844	ng/ul	97
90) Dibenzo(a,h)anthracene	28.97	278	308947	10.050	ng/ul#	93
91) Benzo(g,h,i)perylene	30.13	276	924520	30.139	ng/ul	95

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

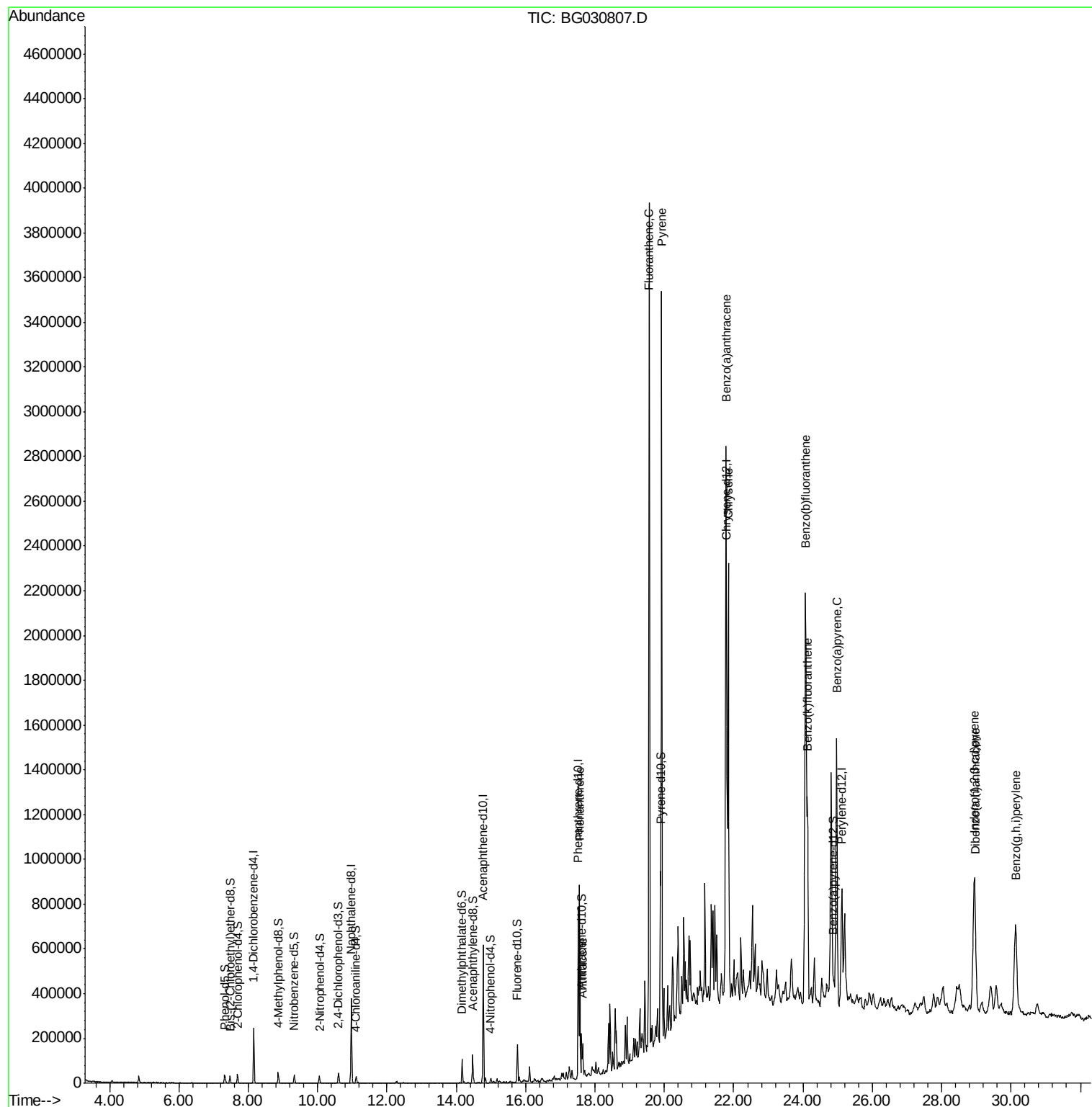
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG110617\
Data File : BG030807.D
Acq On : 7 Nov 2017 11:57
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Sample : I6188-10DL 10X
Misc :
ALS Vial : 41 Sample Multiplier: 1

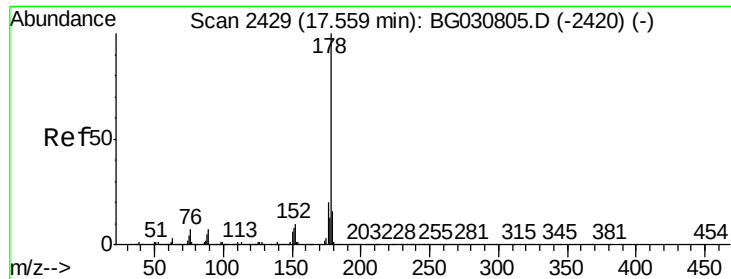
Instrument :
BNA_G
ClientSampleId :
B0EL4DL

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Quant Time: Nov 07 13:18:13 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101417.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 07 08:04:16 2017
Response via : Initial Calibration





#69

Phenanthrene

Concen: 20.777 ng/ul

RT: 17.56 min Scan# 2429

Delta R.T. 0.00 min

Lab File: BG030807.D

Acq: 7 Nov 2017 11:57

Instrument :

BNA_G

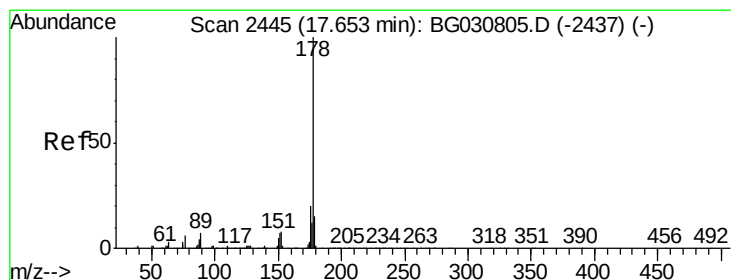
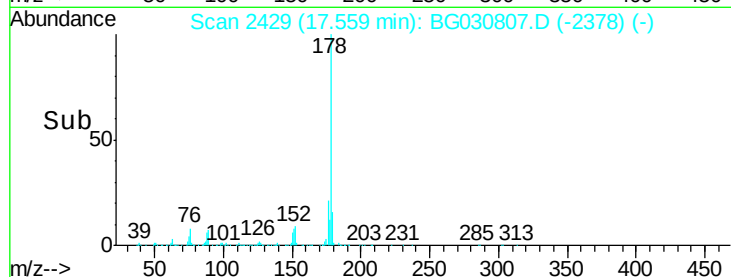
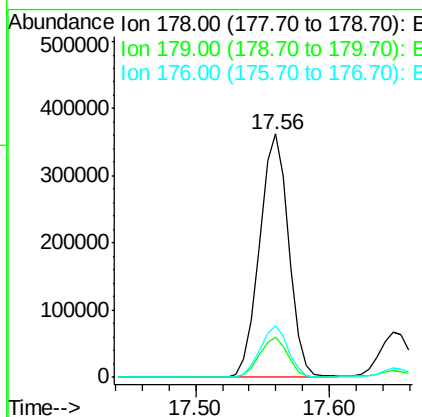
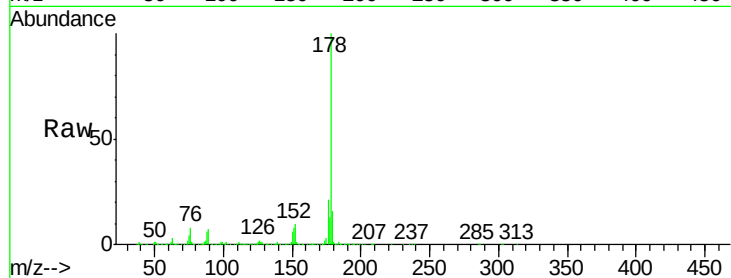
ClientSampleId :

B0EL4DL

Tgt Ion:	178	Resp:	546485
Ion Ratio	Lower	Upper	
178	100		
179	16.4	13.0	19.6
176	21.0	15.3	22.9

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#71

Anthracene

Concen: 3.874 ng/ul

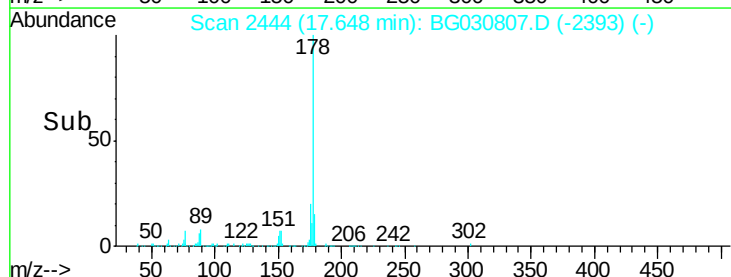
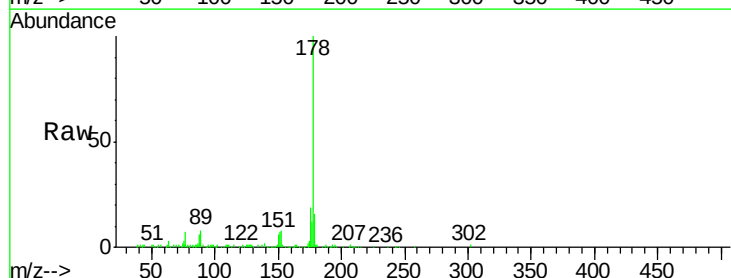
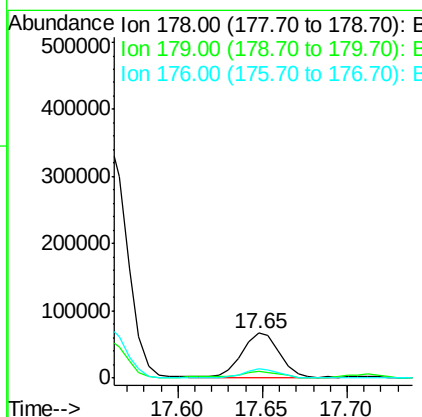
RT: 17.65 min Scan# 2444

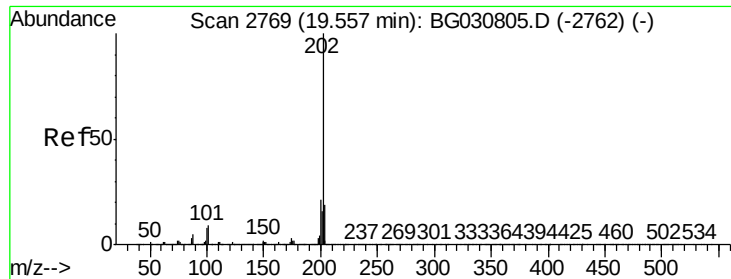
Delta R.T. 0.00 min

Lab File: BG030807.D

Acq: 7 Nov 2017 11:57

Tgt Ion:	178	Resp:	105136
Ion Ratio	Lower	Upper	
178	100		
179	15.9	13.2	19.8
176	19.5	16.0	24.0





#74

Fluoranthene

Concen: 79.014 ng/ul m

RT: 19.56 min Scan# 2770

Delta R.T. 0.01 min

Lab File: BG030807.D

Acq: 7 Nov 2017 11:57

Instrument :

BNA_G

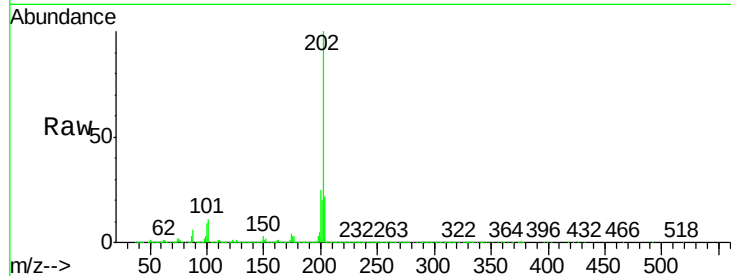
ClientSampleId :

B0EL4DL

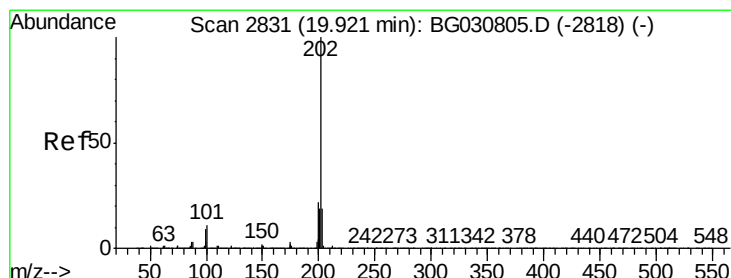
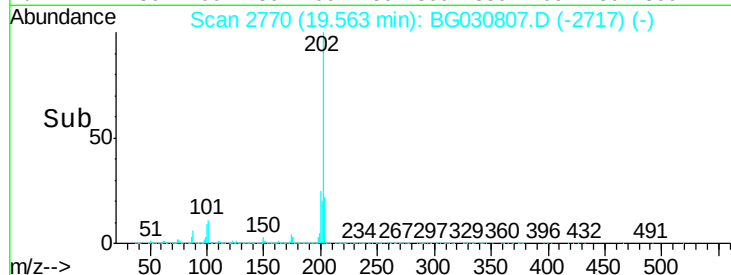
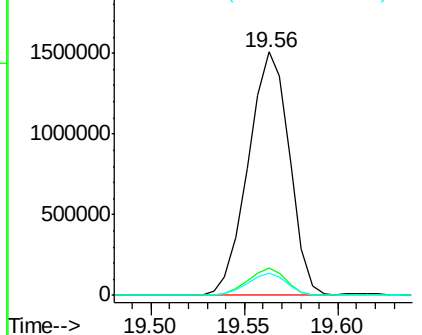
Tgt Ion:	202	Resp:	2322646
Ion Ratio	Lower	Upper	
202	100		
101	11.2	7.4	11.2#
100	9.0	5.6	8.4#

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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: 64.214 ng/ul

RT: 19.93 min Scan# 2832

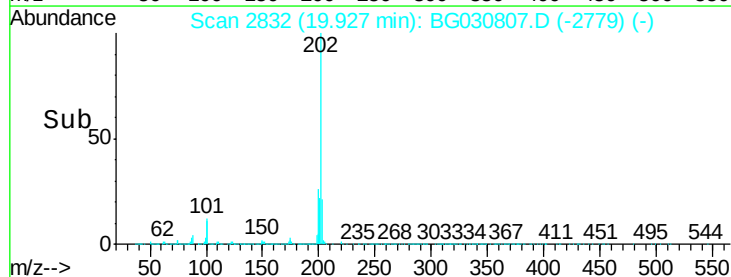
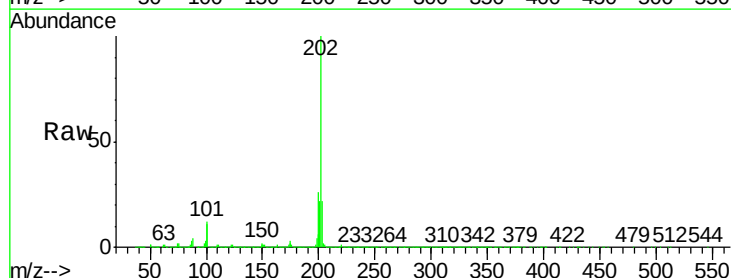
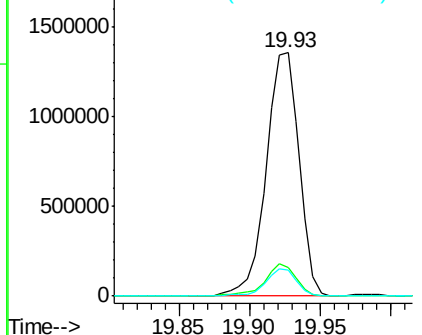
Delta R.T. 0.01 min

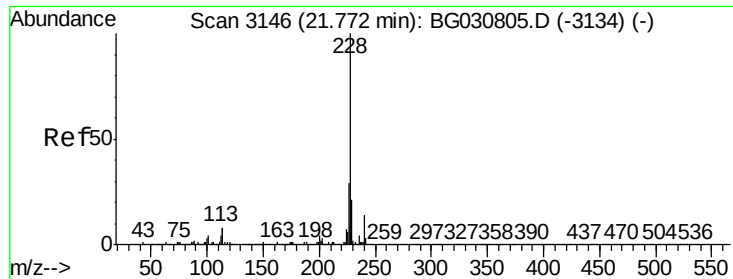
Lab File: BG030807.D

Acq: 7 Nov 2017 11:57

Tgt Ion:	202	Resp:	2213405
Ion Ratio	Lower	Upper	
202	100		
101	11.9	8.4	12.6
100	10.9	7.0	10.6#

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





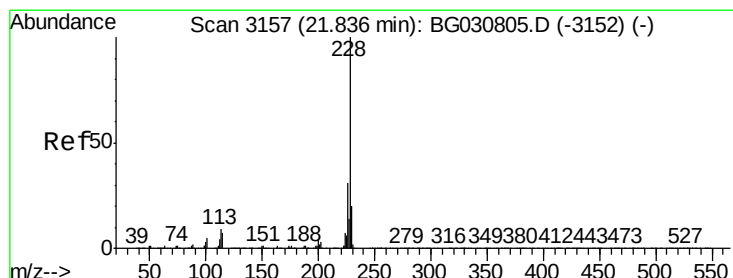
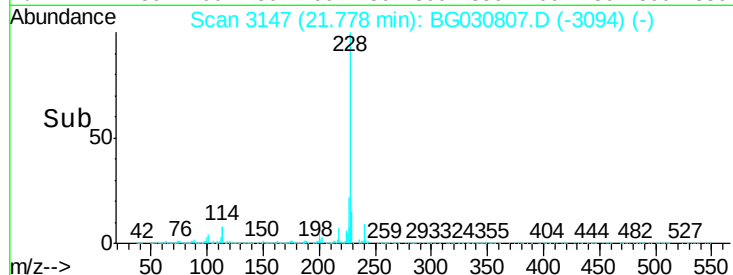
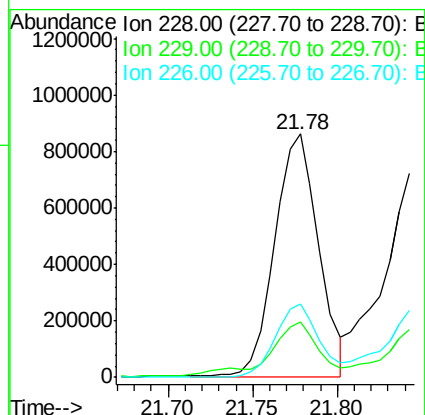
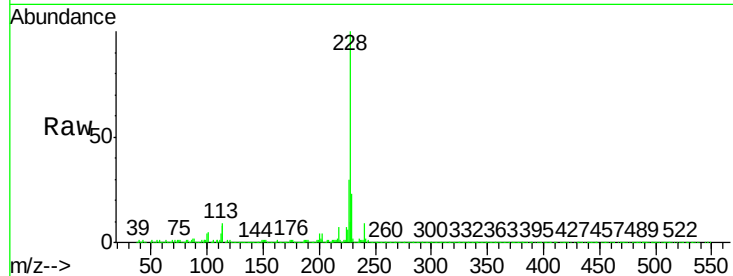
#80
Benzo(a)anthracene
Concen: 48.169 ng/ul
RT: 21.78 min Scan# 3147
Delta R.T. 0.01 min
Lab File: BG030807.D
Acq: 7 Nov 2017 11:57

Instrument :
BNA_G
ClientSampleId :
B0EL4DL

Tgt Ion	Ratio	Lower	Upper
228	100		
229	22.7	16.2	24.4
226	30.1	22.2	33.2

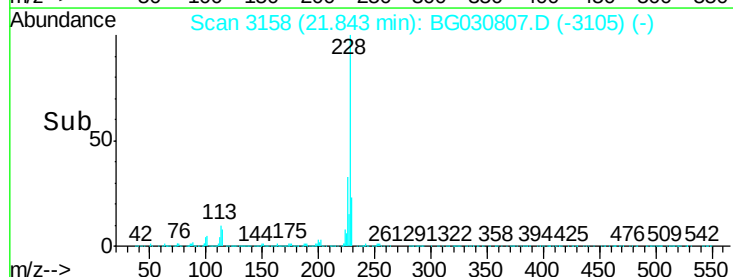
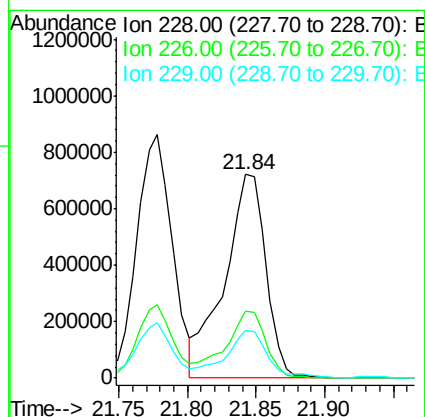
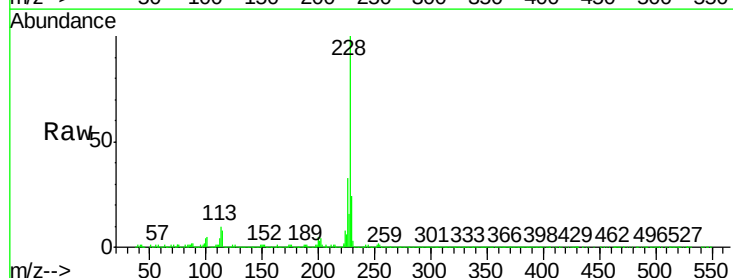
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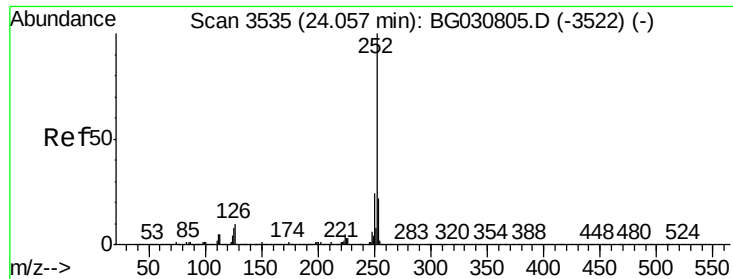
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#82
Chrysene
Concen: 51.925 ng/ul m
RT: 21.84 min Scan# 3158
Delta R.T. 0.01 min
Lab File: BG030807.D
Acq: 7 Nov 2017 11:57

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.9	24.2	36.2
229	23.6	15.2	22.8#





#85

Benzo(b)fluoranthene

Concen: 70.745 ng/ul

RT: 24.08 min Scan# 3538

Delta R.T. 0.03 min

Lab File: BG030807.D

Acq: 7 Nov 2017 11:57

Instrument :

BNA_G

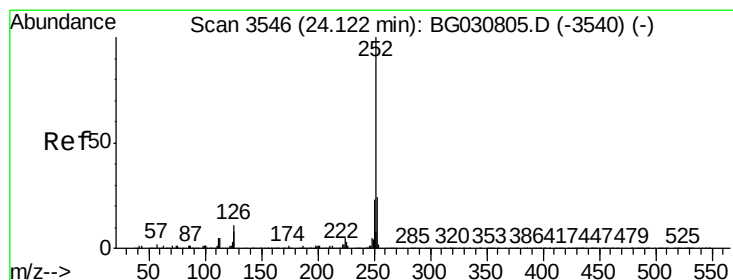
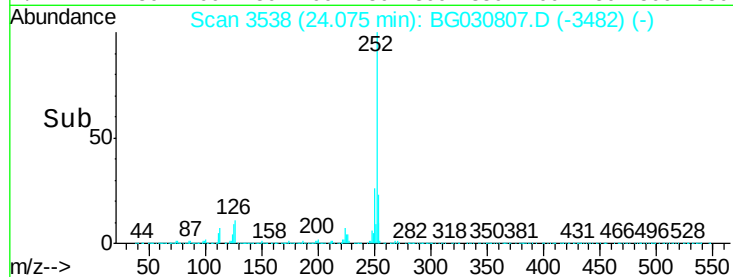
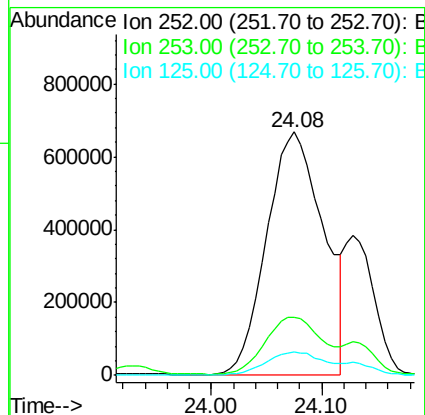
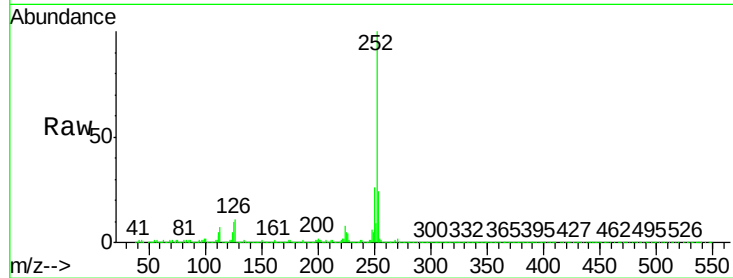
ClientSampled :

B0EL4DL

Tgt Ion:	252	Resp:	2377231
Ion Ratio	Lower	Upper	
252	100		
253	23.8	17.0	25.4
125	9.6	7.5	11.3

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#86

Benzo(k)fluoranthene

Concen: 21.772 ng/ul

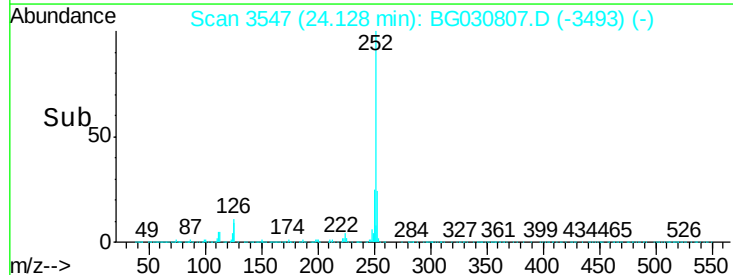
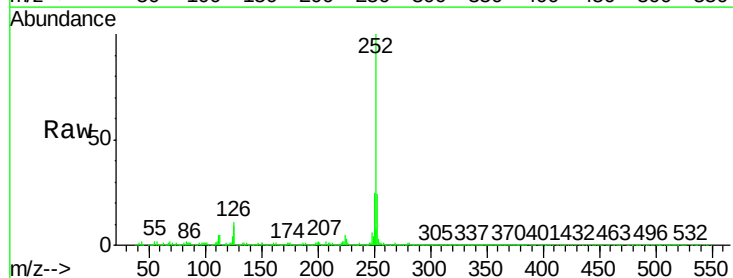
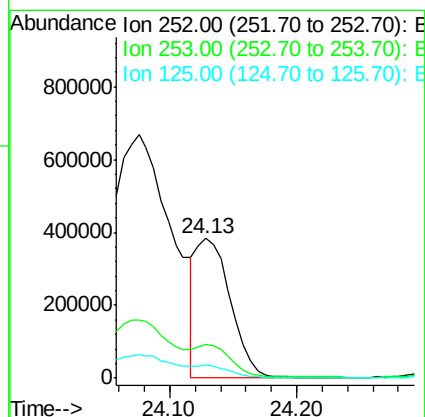
RT: 24.13 min Scan# 3547

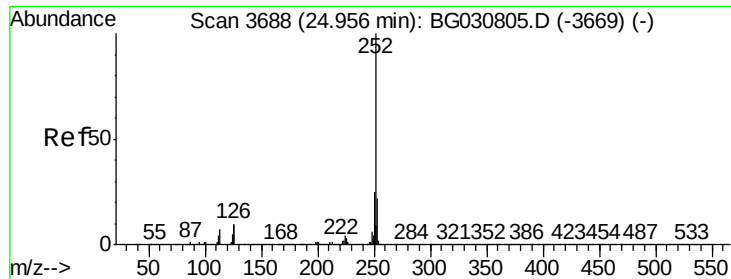
Delta R.T. 0.02 min

Lab File: BG030807.D

Acq: 7 Nov 2017 11:57

Tgt Ion:	252	Resp:	707360
Ion Ratio	Lower	Upper	
252	100		
253	24.1	17.2	25.8
125	9.2	7.8	11.8





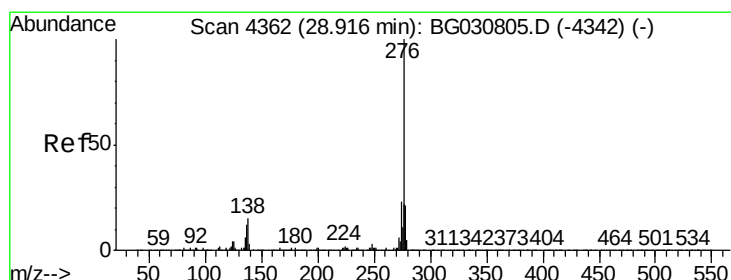
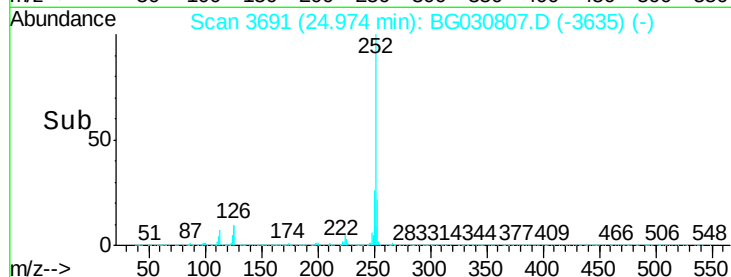
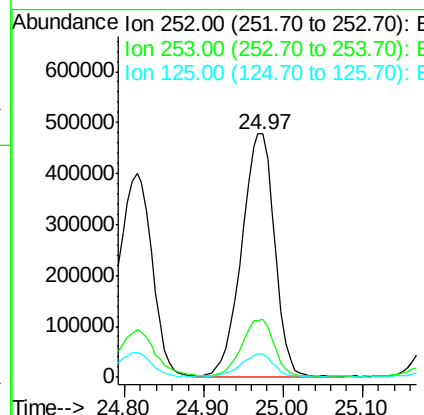
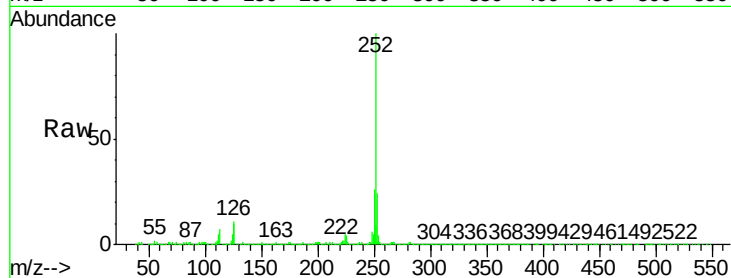
#88
Benzo(a)pyrene
Concen: 41.624 ng/ul
RT: 24.97 min Scan# 3691
Delta R.T. 0.03 min
Lab File: BG030807.D
Acq: 7 Nov 2017 11:57

Instrument :
BNA_G
ClientSampleId :
B0EL4DL

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.1	25.7
125	9.5	7.8	11.8

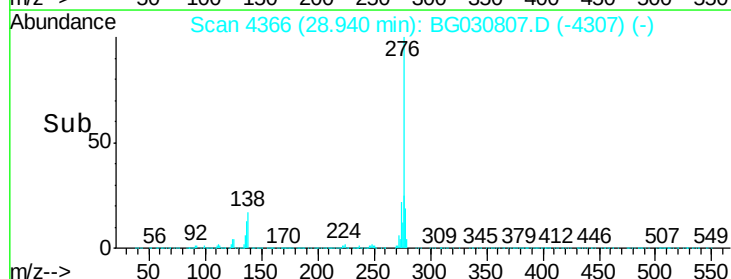
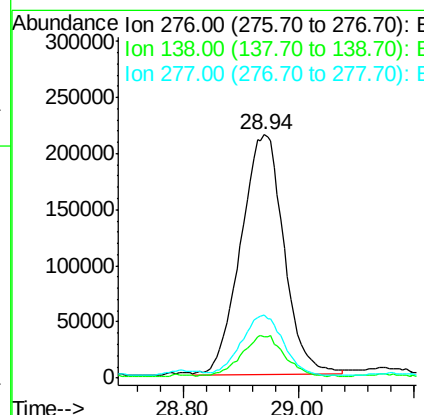
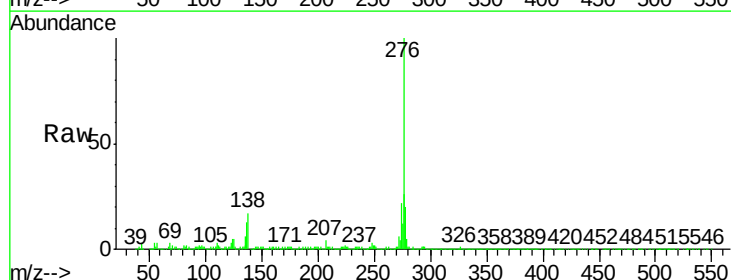
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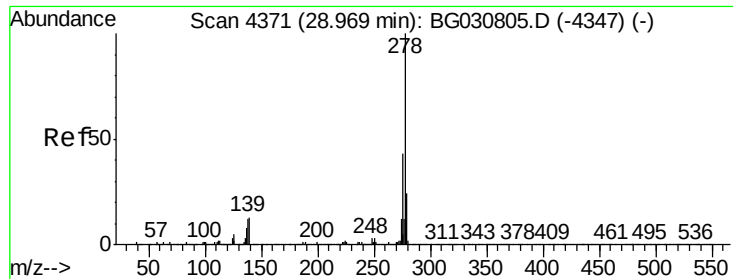
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#89
Indeno(1,2,3-cd)pyrene
Concen: 29.844 ng/ul
RT: 28.94 min Scan# 4366
Delta R.T. 0.05 min
Lab File: BG030807.D
Acq: 7 Nov 2017 11:57

Tgt Ion	Ratio	Lower	Upper
276	100		
138	17.2	13.4	20.0
277	25.7	18.6	28.0





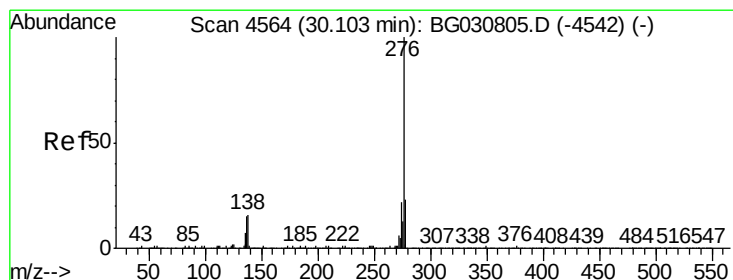
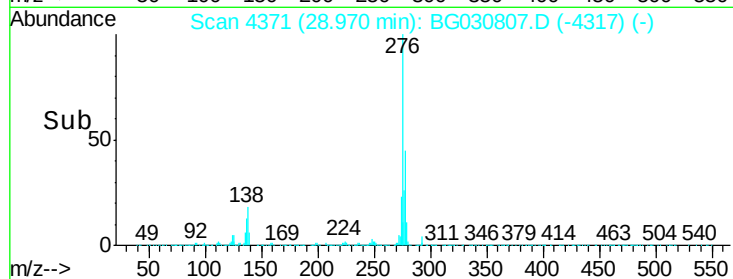
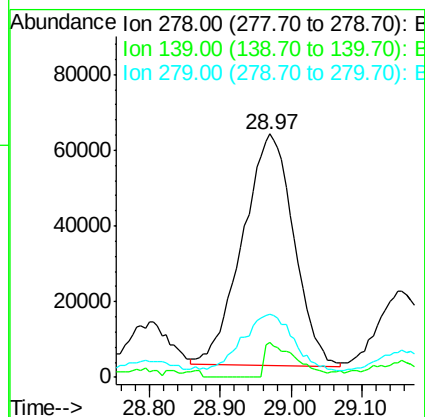
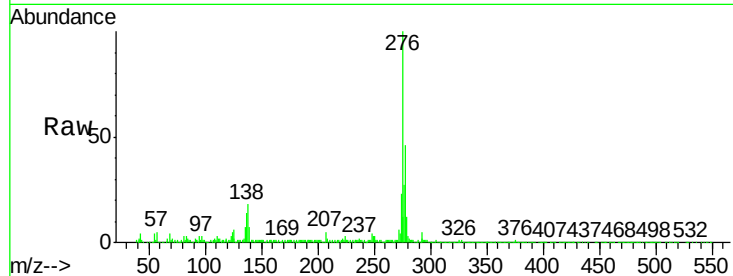
#90
Dibenzo(a,h)anthracene
Concen: 10.050 ng/ul
RT: 28.97 min Scan# 4371
Delta R.T. 0.02 min
Lab File: BG030807.D
Acq: 7 Nov 2017 11:57

Instrument :
BNA_G
ClientSampleId :
B0EL4DL

Tgt Ion	Ratio	Lower	Upper
278	100		
139	14.6	9.4	14.2#
279	26.1	18.4	27.6

Manual Integrations
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#91
Benzo(g,h,i)perylene
Concen: 30.139 ng/ul
RT: 30.13 min Scan# 4568
Delta R.T. 0.05 min
Lab File: BG030807.D
Acq: 7 Nov 2017 11:57

Tgt Ion	Ratio	Lower	Upper
276	100		
138	18.0	12.1	18.1
277	23.8	17.7	26.5

