

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG103017\
 Data File : BG030598.D
 Acq On : 31 Oct 2017 3:31
 Operator : SJ/JU
 Sample : I5842-05
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AA5

Manual Integrations
 APPROVED

Sohil
 10/31/2017 7:44:00 PM

Quant Time: Oct 31 08:12:54 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101417.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 31 07:15:18 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	78808	20.00	ng/ul	0.00
18) Naphthalene-d8	10.98	136	387342	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.78	164	234710	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.51	188	505695	20.00	ng/ul	0.00
75) Chrysene-d12	21.79	240	532007	20.00	ng/ul	0.00
83) Perylene-d12	25.11	264	533058	20.00	ng/ul	0.00

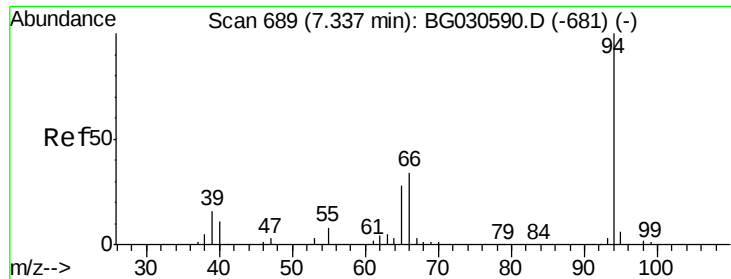
System Monitoring Compounds

3) 1,4-Dioxane-d8	3.55	96	8238	4.25	ng/uL	0.00
5) Phenol-d5	7.32	99	204885	27.09	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.48	67	113057	23.89	ng/ul	0.00
9) 2-Chlorophenol-d4	7.70	132	161818	30.33	ng/ul	0.00
13) 4-Methylphenol-d8	8.87	113	166105	27.19	ng/ul	0.00
19) Nitrobenzene-d5	9.32	128	84873	30.52	ng/ul	0.00
22) 2-Nitrophenol-d4	10.05	143	103724	36.41	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.59	165	189700	29.22	ng/ul	0.00
29) 4-Chloroaniline-d4	11.11	131	69752	9.25	ng/ul	0.00
43) Dimethylphthalate-d6	14.17	166	547582	27.29	ng/ul	0.00
46) Acenaphthylene-d8	14.48	160	701240	28.74	ng/ul	0.00
51) 4-Nitrophenol-d4	14.97	143	85333	23.04	ng/ul	0.00
57) Fluorene-d10	15.76	176	486304	29.59	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.88	200	81135	32.87	ng/ul	0.00
70) Anthracene-d10	17.61	188	643584	26.91	ng/ul	0.00
76) Pyrene-d10	19.89	212	779002	28.29	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.88	264	730598	28.94	ng/ul	0.00

Target Compounds

					Qvalue
6) Phenol	7.34	94	37373	4.775 ng/ul	92
44) Dimethylphthalate	14.22	163	38286	1.956 ng/ul	98
69) Phenanthrene	17.56	178	149297	5.461 ng/ul	98
74) Fluoranthene	19.56	202	433511	14.189 ng/ul	100
77) Pyrene	19.92	202	363944	10.207 ng/ul	99
80) Benzo(a)anthracene	21.77	228	195223	5.855 ng/ul	99
82) Chrysene	21.84	228	217790	7.189 ng/ul	97
84) Di-n-octyl phthalate	22.88	149	146471	4.107 ng/ul	100
85) Benzo(b)fluoranthene	24.05	252	306292	9.571 ng/ul	98
86) Benzo(k)fluoranthene	24.11	252	110261m	3.564 ng/ul	
88) Benzo(a)pyrene	24.95	252	200214	6.427 ng/ul	95
89) Indeno(1,2,3-cd)pyrene	28.90	276	146820	4.166 ng/ul	95
90) Dibenzo(a,h)anthracene	28.94	278	37969	1.297 ng/ul#	76
91) Benzo(g,h,i)perylene	30.09	276	120086m	4.111 ng/ul	

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



#6

Phenol

Concen: 4.775 ng/ul

RT: 7.34 min Scan# 690

Delta R.T. 0.01 min

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Acq: 31 Oct 2017 3:31

Instrument :

BNA_G

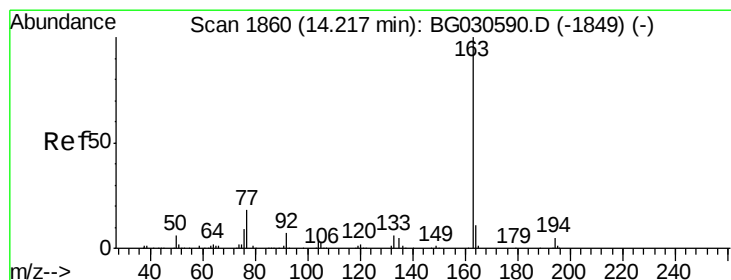
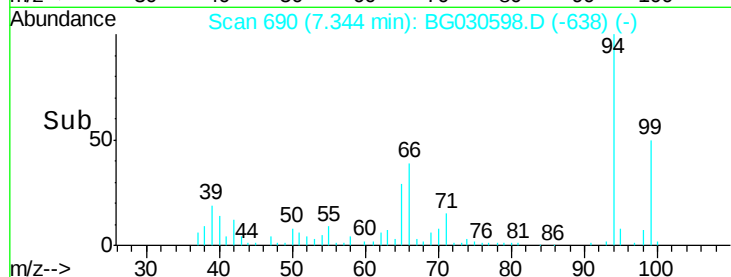
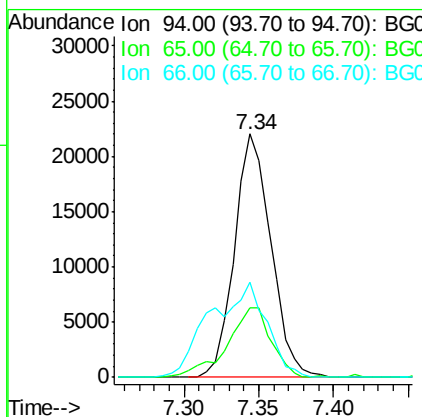
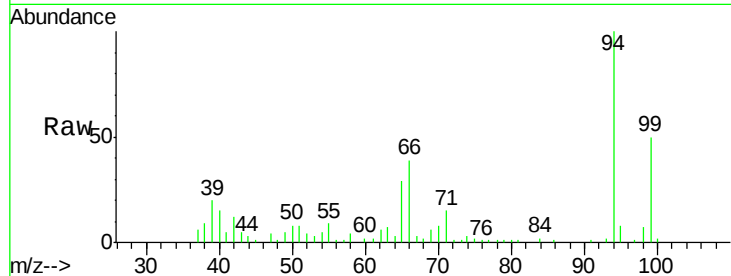
ClientSampleId :

C0AA5

Tgt Ion:	94	Resp:	37373
Ion	Ratio	Lower	Upper
94	100		
65	28.8	27.1	40.7
66	38.8	34.6	52.0

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#44

Dimethylphthalate

Concen: 1.956 ng/ul

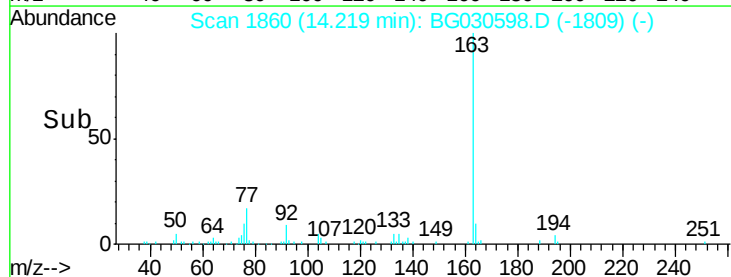
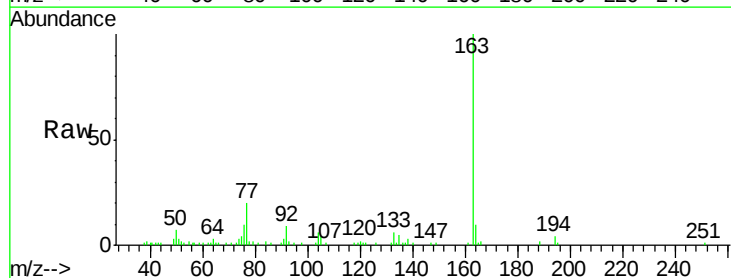
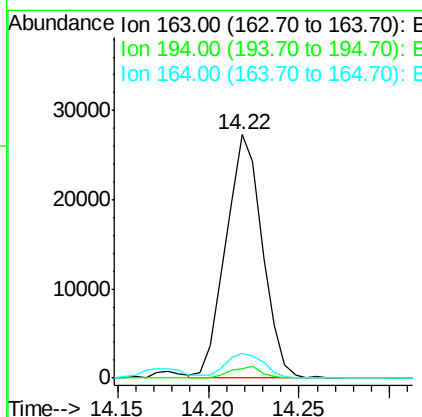
RT: 14.22 min Scan# 1860

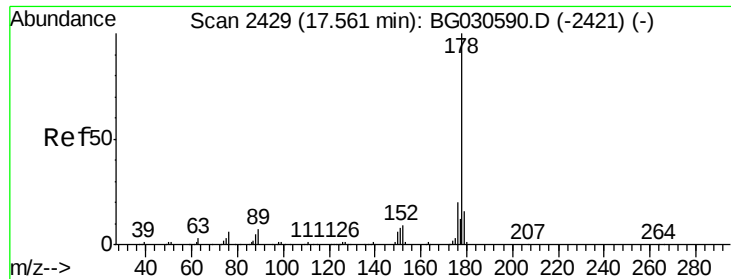
Delta R.T. 0.00 min

Lab File: BG030598.D

Acq: 31 Oct 2017 3:31

Tgt Ion:	163	Resp:	38286
Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.5	5.3
164	10.3	7.6	11.4





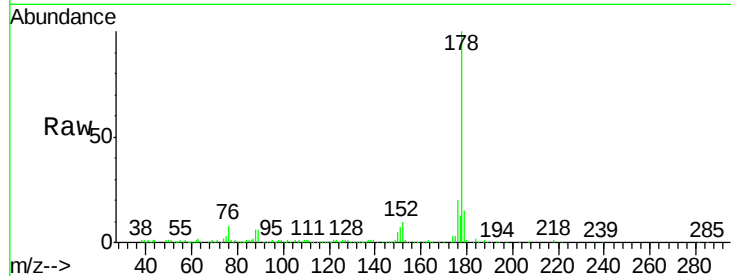
#69
Phenanthrene
Concen: 5.461 ng/ul
RT: 17.56 min Scan# 2429
Delta R.T. 0.00 min
Lab File: BG030598.D
Acq: 31 Oct 2017 3:31

Instrument :
BNA_G
ClientSampleId :
C0AA5

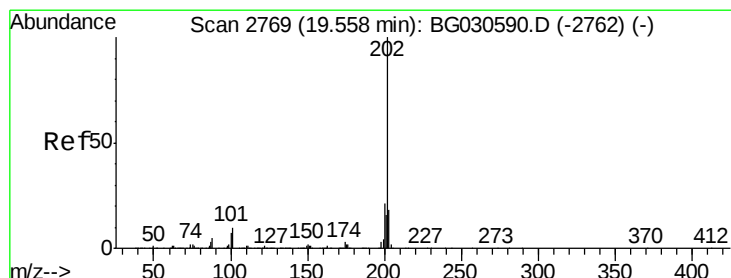
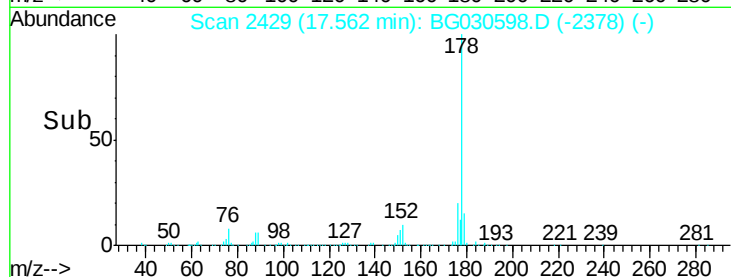
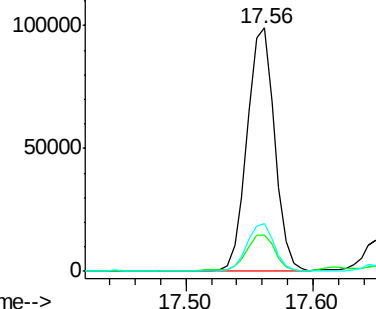
Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.0	13.0	19.6
176	19.6	15.3	22.9

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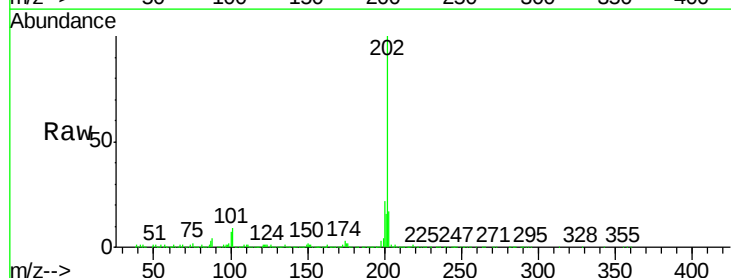


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E

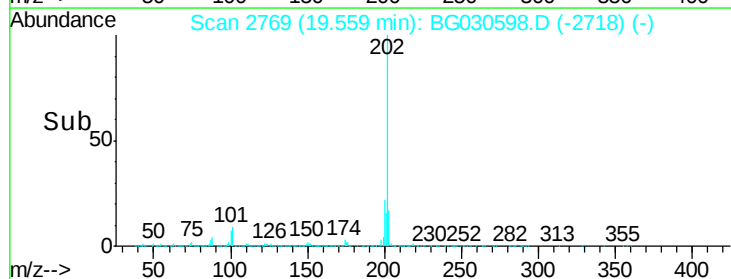
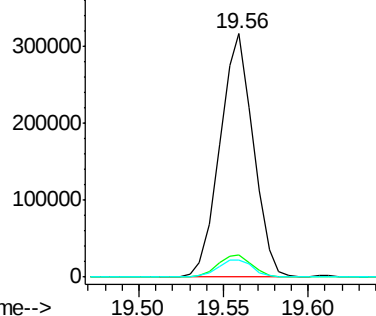


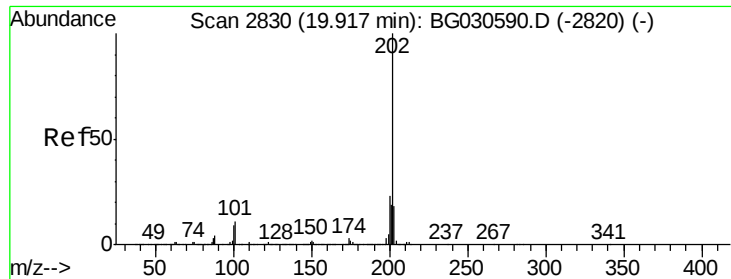
#74
Fluoranthene
Concen: 14.189 ng/ul
RT: 19.56 min Scan# 2769
Delta R.T. 0.00 min
Lab File: BG030598.D
Acq: 31 Oct 2017 3:31

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.3	7.4	11.2
100	7.1	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: 10.207 ng/ul

RT: 19.92 min Scan# 2830

Delta R.T. 0.00 min

Lab File: BG030598.D

Acq: 31 Oct 2017 3:31

Instrument :

BNA_G

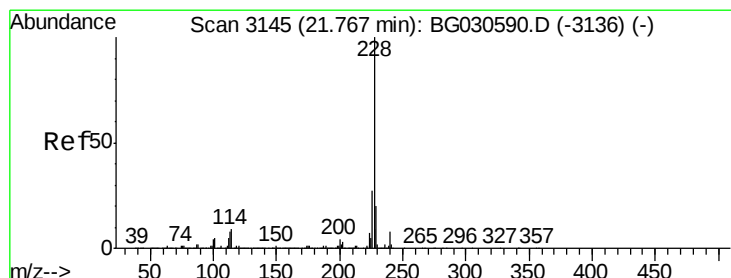
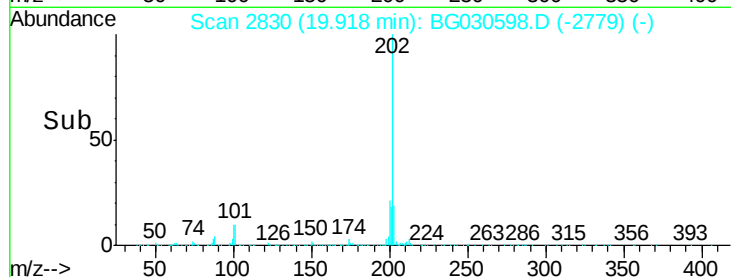
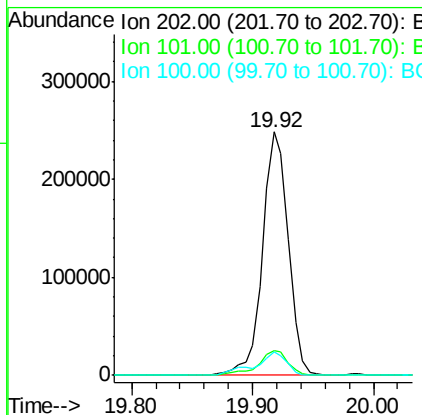
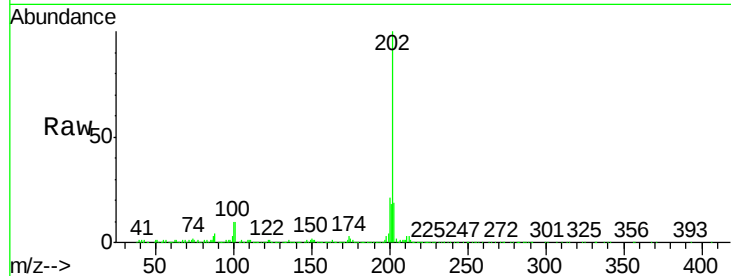
ClientSampleId :

C0AA5

Tgt	Ion	202	Resp:	363944
Ion	Ratio	Lower	Upper	
202	100			
101	10.4	8.4	12.6	
100	9.7	7.0	10.6	

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#80

Benzo(a)anthracene

Concen: 5.855 ng/ul

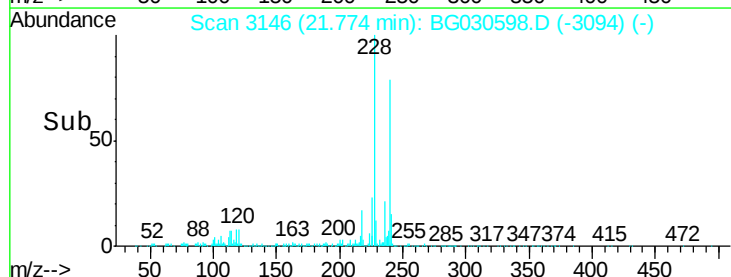
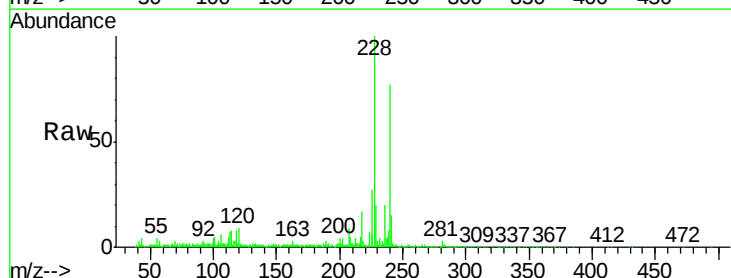
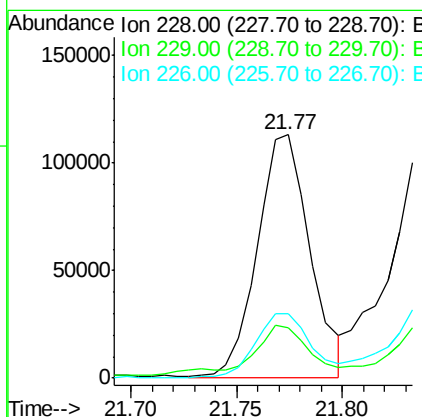
RT: 21.77 min Scan# 3146

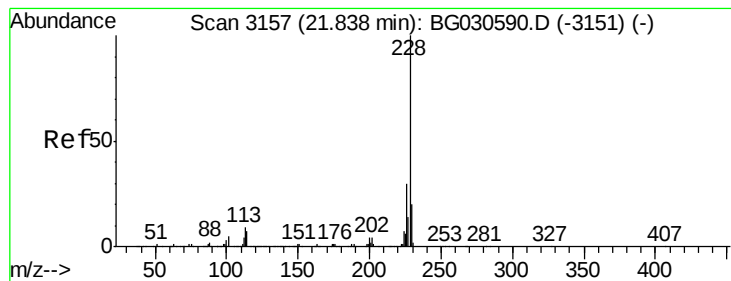
Delta R.T. 0.01 min

Lab File: BG030598.D

Acq: 31 Oct 2017 3:31

Tgt	Ion	228	Resp:	195223
Ion	Ratio	Lower	Upper	
228	100			
229	20.5	16.2	24.4	
226	26.5	22.2	33.2	





#82

Chrysene

Concen: 7.189 ng/ul

RT: 21.84 min Scan# 3157

Delta R.T. 0.00 min

Lab File: BG030598.D

Acq: 31 Oct 2017 3:31

Instrument :

BNA_G

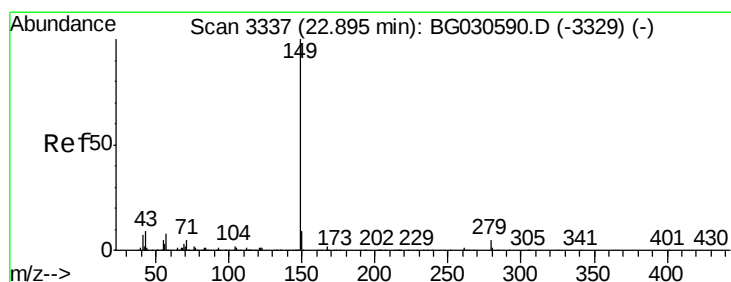
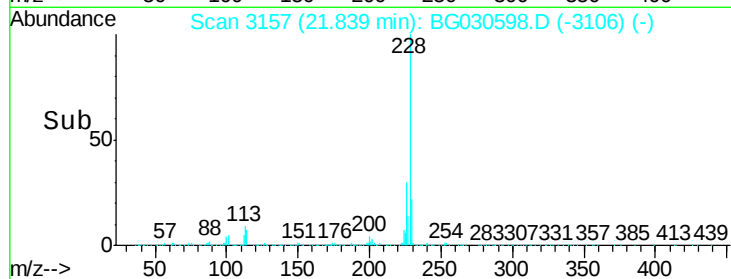
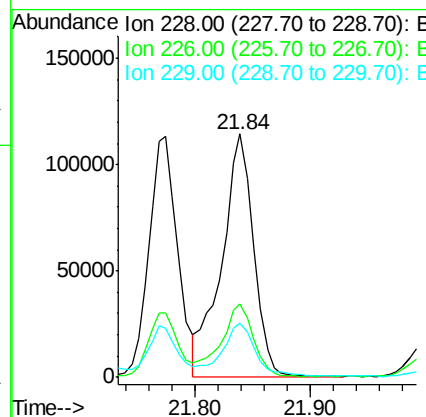
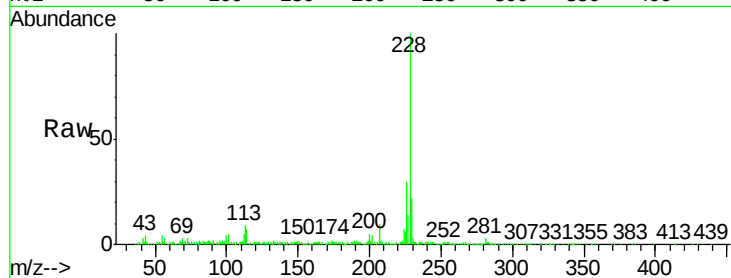
ClientSampleId :

C0AA5

Tgt Ion:	228	Resp:	217790
Ion Ratio		Lower	Upper
228	100		
226	30.0	24.2	36.2
229	22.5	15.2	22.8

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#84

Di-n-octyl phthalate

Concen: 4.107 ng/ul

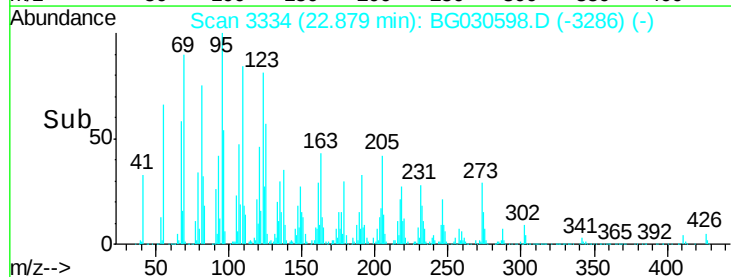
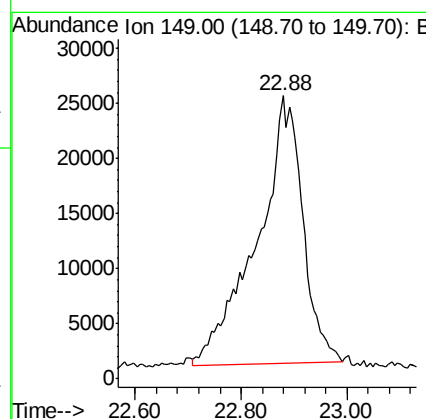
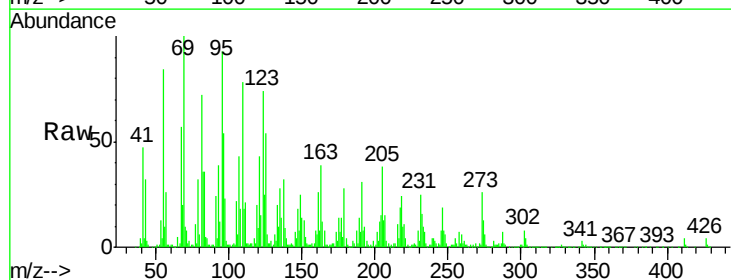
RT: 22.88 min Scan# 3334

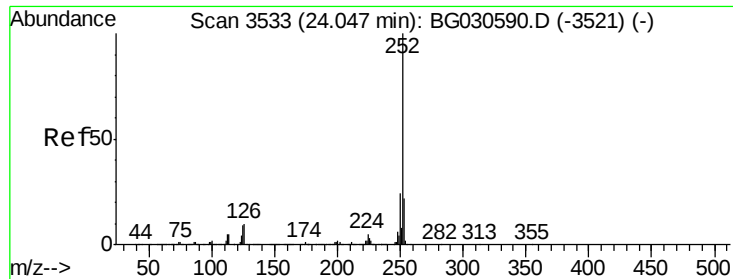
Delta R.T. -0.02 min

Lab File: BG030598.D

Acq: 31 Oct 2017 3:31

Tgt Ion:149 Resp: 146471





#85

Benzo(b)fluoranthene

Concen: 9.571 ng/ul

RT: 24.05 min Scan# 3533

Delta R.T. 0.00 min

Lab File: BG030598.D

Acq: 31 Oct 2017 3:31

Instrument :

BNA_G

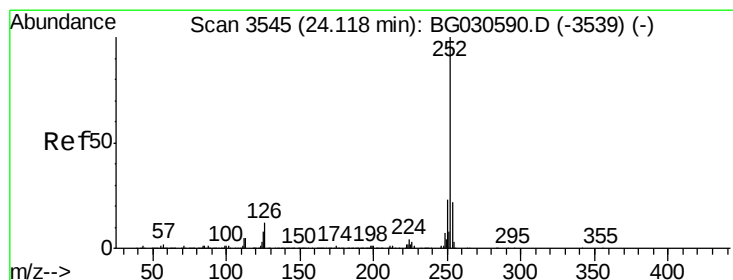
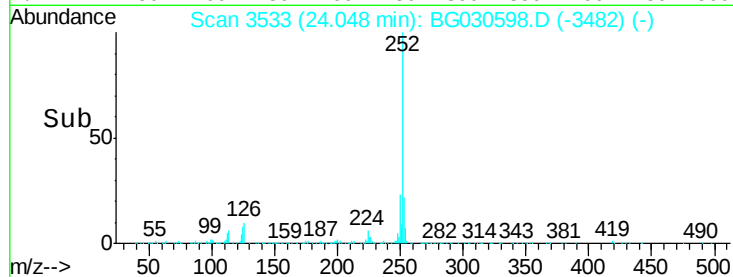
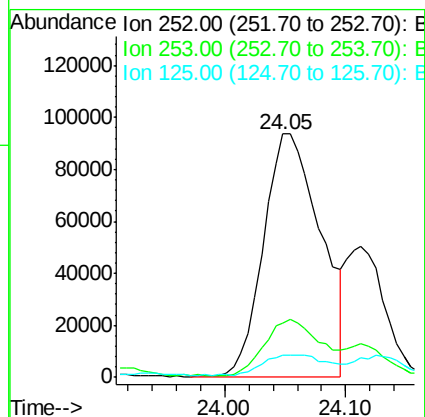
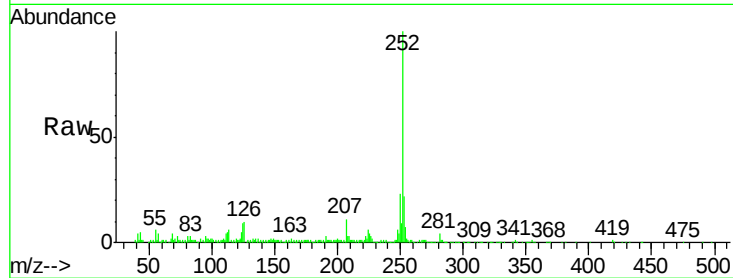
ClientSampleId :

C0AA5

Tgt Ion:	252	Resp:	306292
Ion Ratio	Lower	Upper	
252	100		
253	22.5	17.0	25.4
125	9.3	7.5	11.3

Manual Integrations
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#86

Benzo(k)fluoranthene

Concen: 3.564 ng/ul m

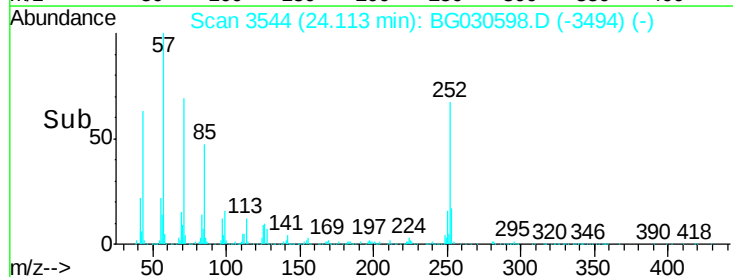
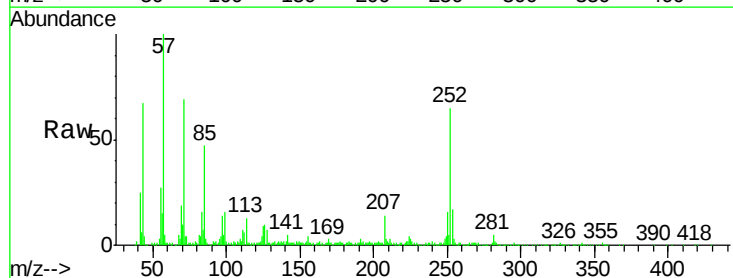
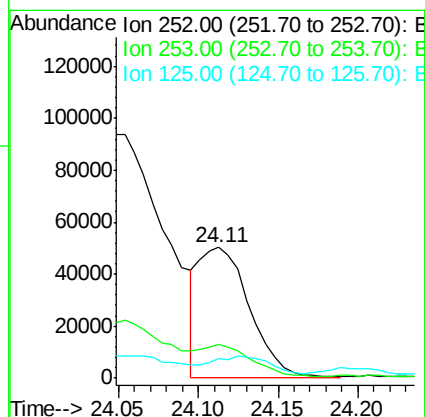
RT: 24.11 min Scan# 3544

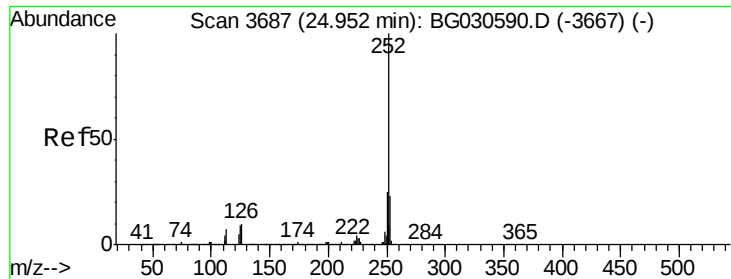
Delta R.T. -0.00 min

Lab File: BG030598.D

Acq: 31 Oct 2017 3:31

Tgt Ion:	252	Resp:	110261
Ion Ratio	Lower	Upper	
252	100		
253	25.7	17.2	25.8
125	14.6	7.8	11.8#





#88

Benzo(a)pyrene

Concen: 6.427 ng/ul

RT: 24.95 min Scan# 3687

Delta R.T. 0.00 min

Lab File: BG030598.D

Acq: 31 Oct 2017 3:31

Instrument :

BNA_G

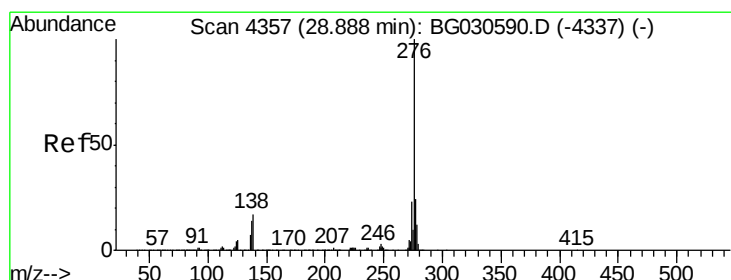
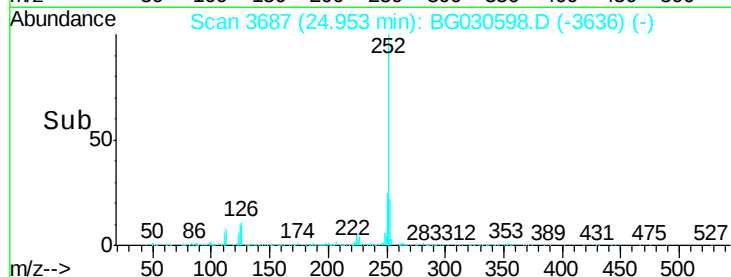
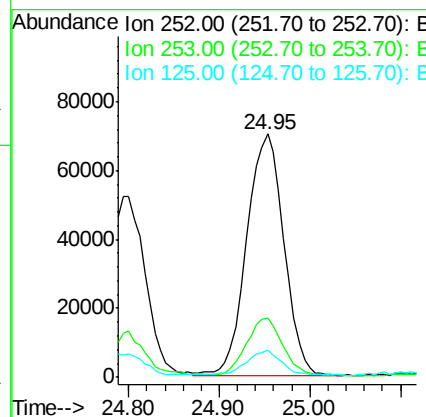
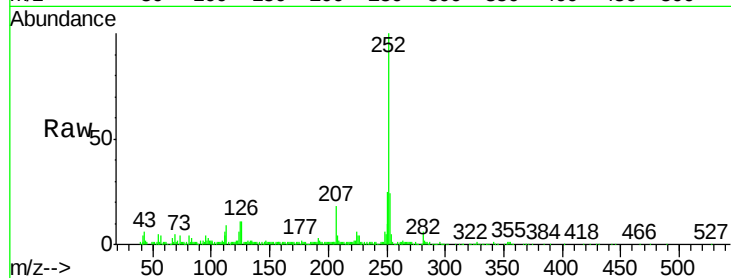
ClientSampled :

C0AA5

Tgt Ion:	252	Resp:	200214
Ion Ratio		Lower	Upper
252	100		
253	24.2	17.1	25.7
125	11.2	7.8	11.8

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#89

Indeno(1,2,3-cd)pyrene

Concen: 4.166 ng/ul

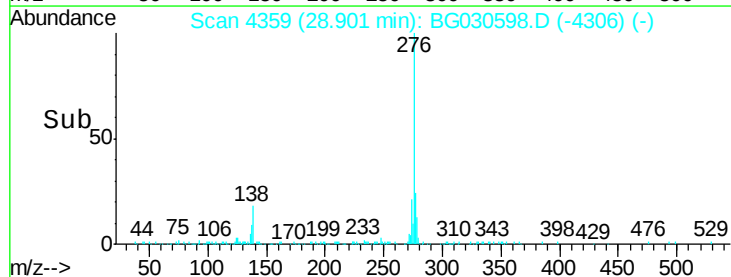
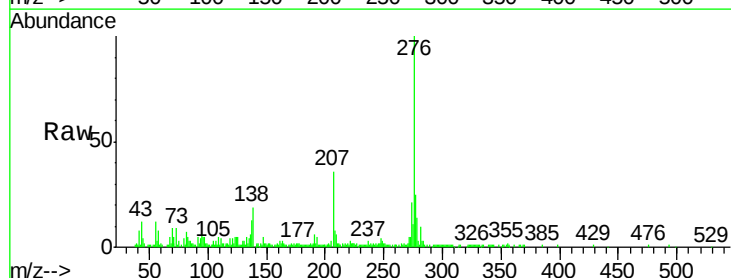
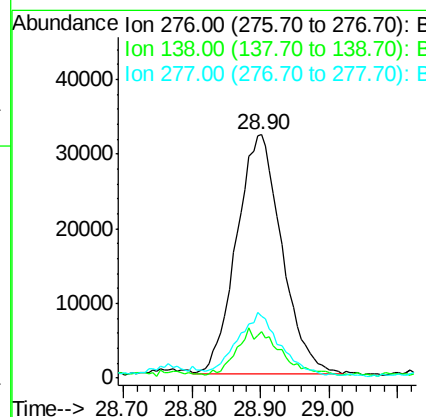
RT: 28.90 min Scan# 4359

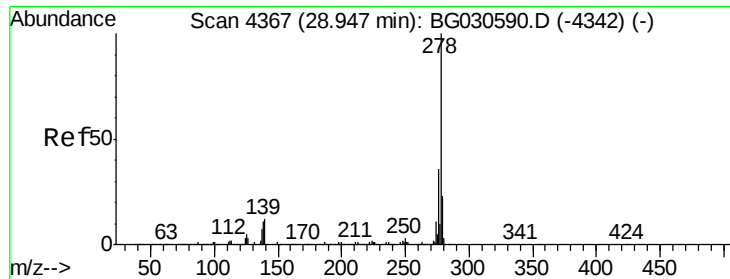
Delta R.T. 0.01 min

Lab File: BG030598.D

Acq: 31 Oct 2017 3:31

Tgt Ion:	276	Resp:	146820
Ion Ratio		Lower	Upper
276	100		
138	19.1	13.4	20.0
277	25.4	18.6	28.0





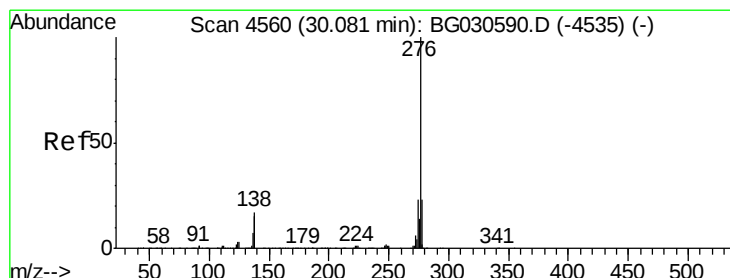
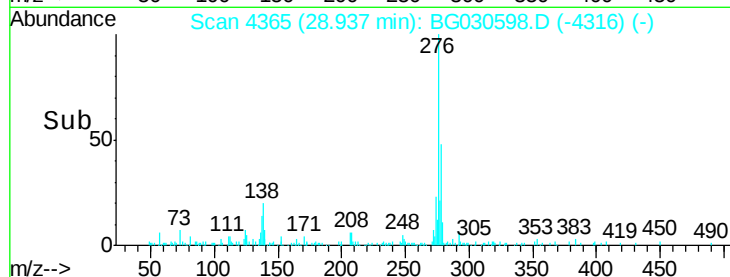
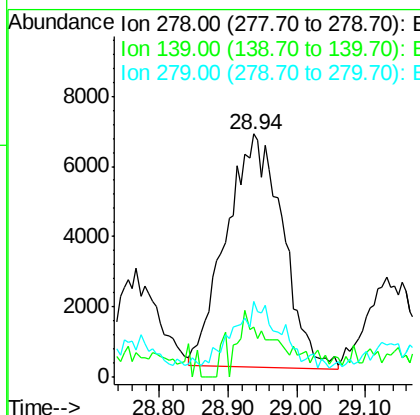
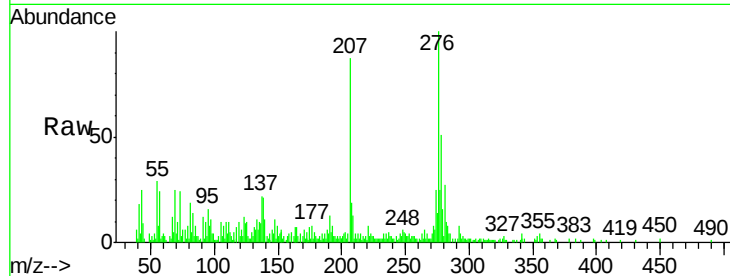
#90
Dibenzo(a,h)anthracene
Concen: 1.297 ng/ul
RT: 28.94 min Scan# 4365
Delta R.T. -0.01 min
Lab File: BG030598.D
Acq: 31 Oct 2017 3:31

Instrument :
BNA_G
ClientSampleId :
C0AA5

Tgt Ion	Ratio	Lower	Upper
278	100		
139	26.5	9.4	14.2#
279	31.4	18.4	27.6#

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#91
Benzo(g,h,i)perylene
Concen: 4.111 ng/ul m
RT: 30.09 min Scan# 4562
Delta R.T. 0.01 min
Lab File: BG030598.D
Acq: 31 Oct 2017 3:31

Tgt Ion	Ratio	Lower	Upper
276	100		
138	19.6	12.1	18.1#
277	26.0	17.7	26.5

