

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG103017\
 Data File : BG030601.D
 Acq On : 31 Oct 2017 5:23
 Operator : SJ/JU
 Sample : I5886-10
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ESNE8

Manual Integrations
 APPROVED

Sohil
 10/31/2017 7:44:03 PM

Quant Time: Oct 31 08:27:22 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	67433	20.00	ng/ul	0.00
18) Naphthalene-d8	10.98	136	344613	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.78	164	223132	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.52	188	483542	20.00	ng/ul	0.00
75) Chrysene-d12	21.79	240	503711	20.00	ng/ul	0.00
83) Perylene-d12	25.10	264	505476	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.55	96	3874	2.34	ng/uL	0.00
5) Phenol-d5	7.32	99	83716	12.94	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.48	67	52313	12.92	ng/ul	0.00
9) 2-Chlorophenol-d4	7.69	132	68657	15.04	ng/ul	0.00
13) 4-Methylphenol-d8	8.86	113	67463	12.91	ng/ul	0.00
19) Nitrobenzene-d5	9.33	128	36082	14.58	ng/ul	0.00
22) 2-Nitrophenol-d4	10.06	143	42958	16.95	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.60	165	82680	14.31	ng/ul	0.00
29) 4-Chloroaniline-d4	11.11	131	71681m	10.68	ng/ul	0.00
43) Dimethylphthalate-d6	14.17	166	278282	14.59	ng/ul	0.00
46) Acenaphthylene-d8	14.47	160	336675	14.51	ng/ul	0.00
51) 4-Nitrophenol-d4	14.97	143	26867	7.63	ng/ul	0.00
57) Fluorene-d10	15.77	176	245864	15.74	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.88	200	27407	11.61	ng/ul	0.00
70) Anthracene-d10	17.61	188	345983	15.13	ng/ul	0.00
76) Pyrene-d10	19.89	212	395413	15.17	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.87	264	354785	14.82	ng/ul	0.00

Target Compounds

					Qvalue	
6) Phenol	7.35	94	13925	2.079	ng/ul#	84
44) Dimethylphthalate	14.22	163	20111	1.081	ng/ul	97
74) Fluoranthene	19.56	202	59558	2.039	ng/ul	99
77) Pyrene	19.92	202	53300	1.579	ng/ul	99
82) Chrysene	21.84	228	34038	1.187	ng/ul#	94
85) Benzo(b)fluoranthene	24.06	252	47946	1.580	ng/ul#	91

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

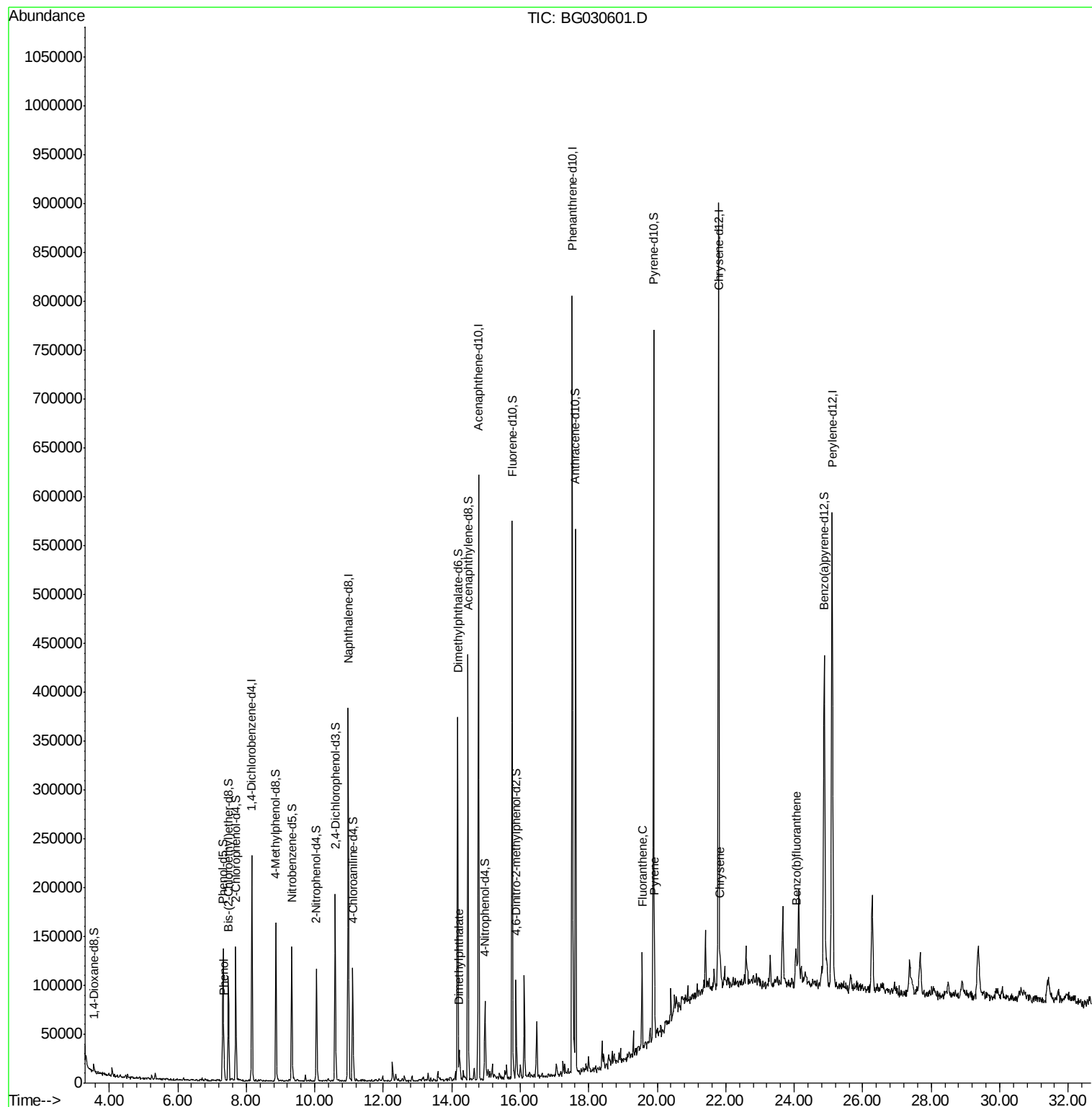
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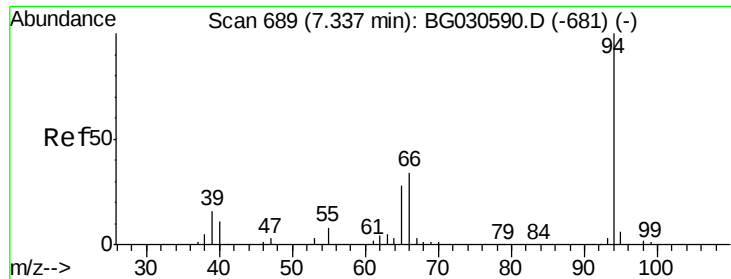
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#6

Phenol

Concen: 2.079 ng/ul

RT: 7.35 min Scan# 691

Delta R.T. 0.01 min

Lab File: BG030601.D

Acq: 31 Oct 2017 5:23

Instrument :

BNA_G

ClientSampled :

ESNE8

Tgt Ion: 94 Resp: 13925

Ion Ratio Lower Upper

94 100

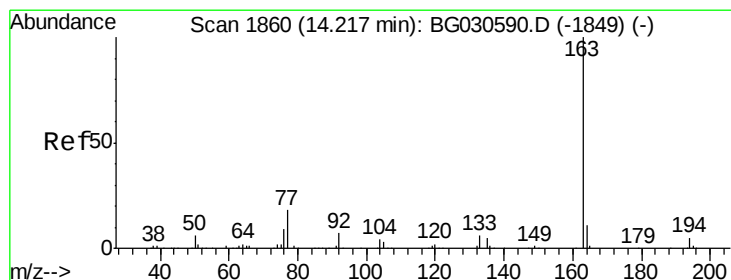
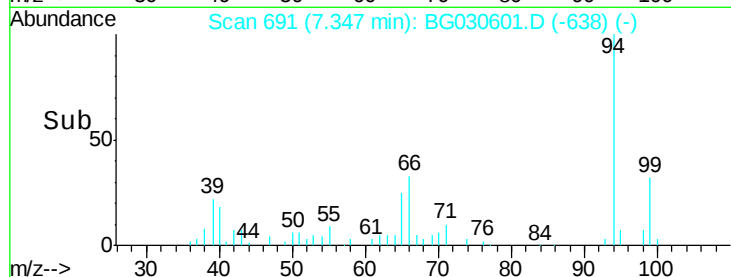
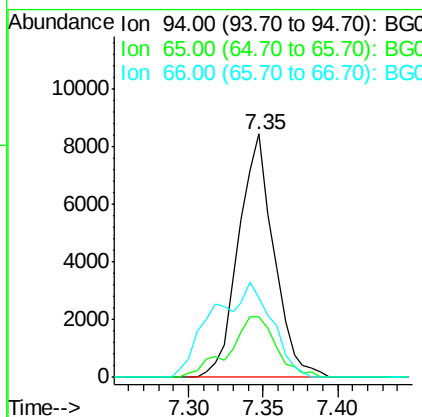
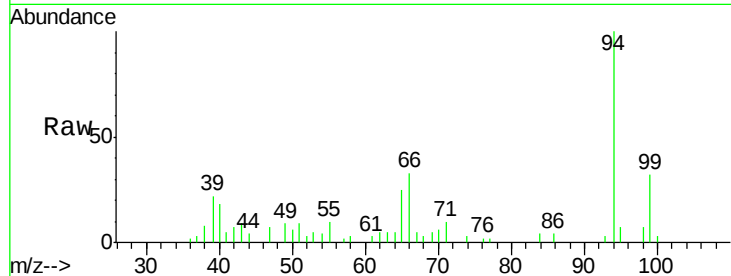
65 24.6 27.1 40.7#

66 32.8 34.6 52.0#

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#44

Dimethylphthalate

Concen: 1.081 ng/ul

RT: 14.22 min Scan# 1861

Delta R.T. 0.00 min

Lab File: BG030601.D

Acq: 31 Oct 2017 5:23

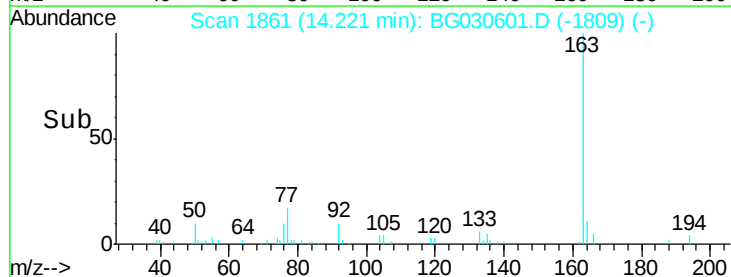
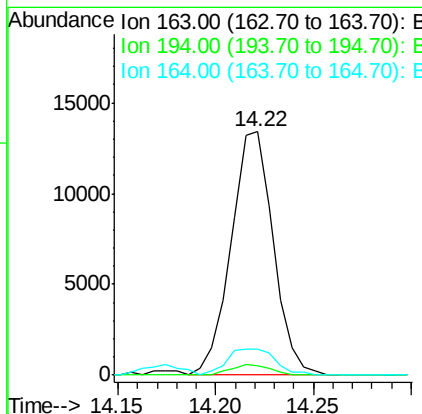
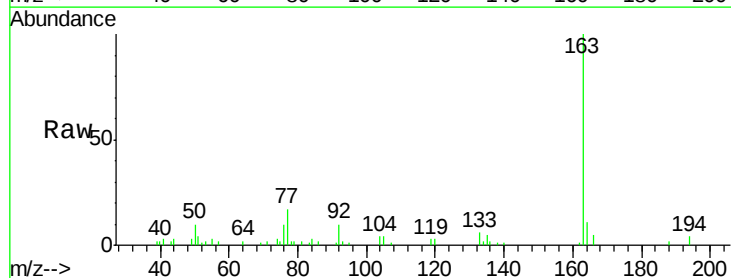
Tgt Ion: 163 Resp: 20111

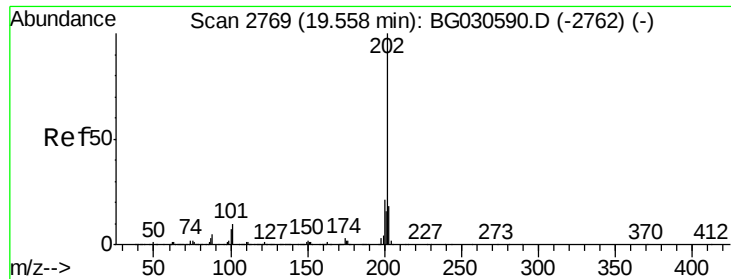
Ion Ratio Lower Upper

163 100

194 3.8 3.5 5.3

164 10.7 7.6 11.4





#74

Fluoranthene

Concen: 2.039 ng/ul

RT: 19.56 min Scan# 2769

Delta R.T. -0.00 min

Lab File: BG030601.D

Acq: 31 Oct 2017 5:23

Instrument :

BNA_G

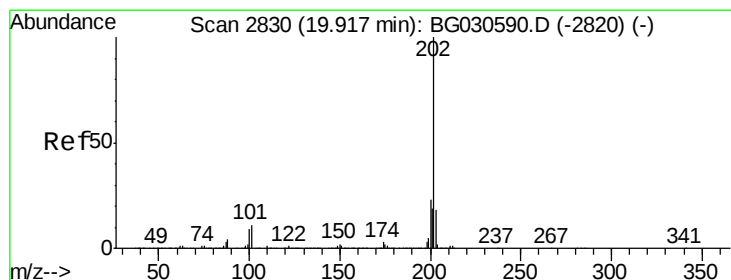
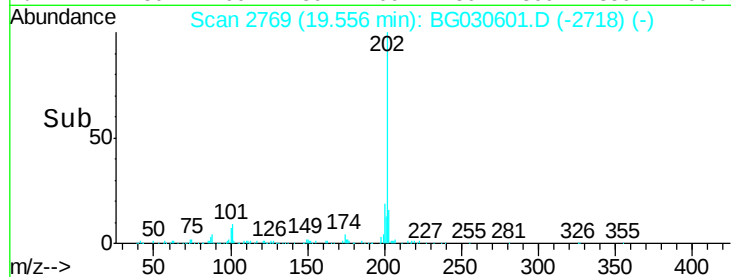
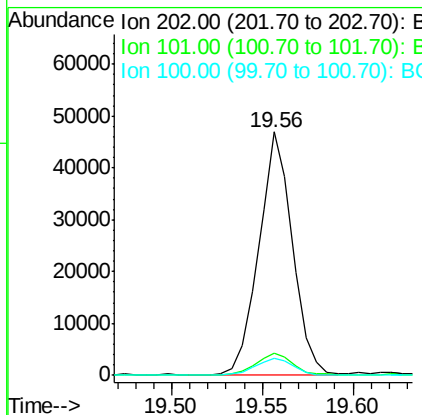
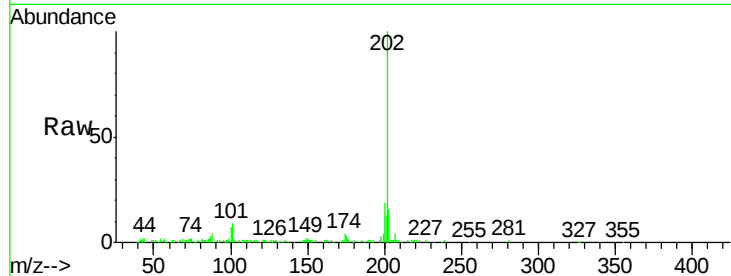
ClientSampleId :

ESNE8

Tgt Ion:	202	Resp:	59558
Ion Ratio	Lower	Upper	
202	100		
101	8.9	7.4	11.2
100	7.2	5.6	8.4

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#77

Pyrene

Concen: 1.579 ng/ul

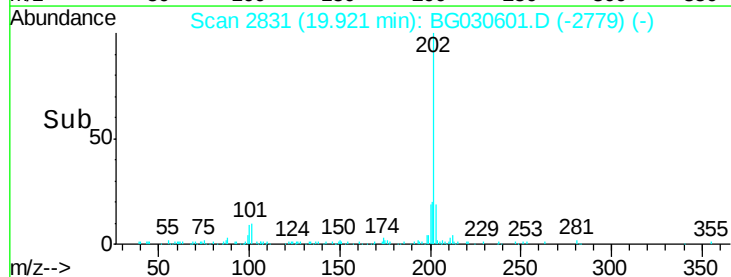
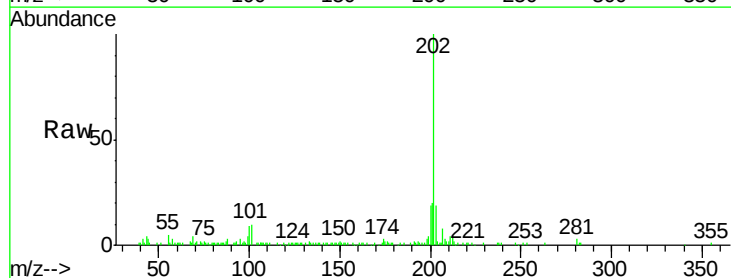
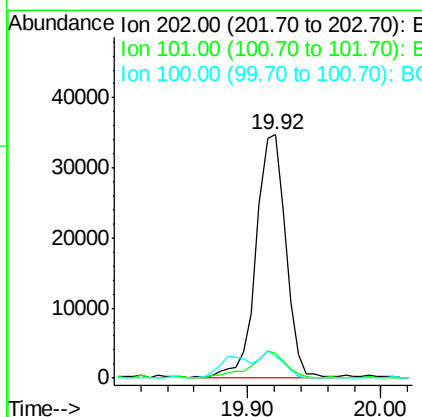
RT: 19.92 min Scan# 2831

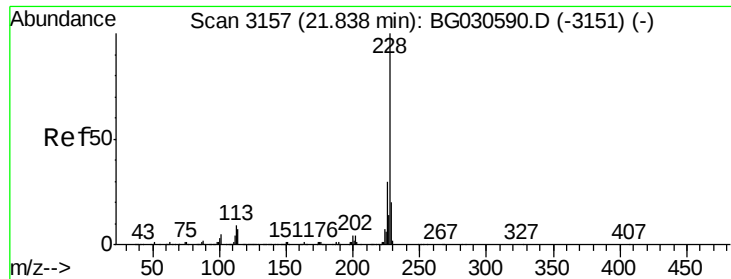
Delta R.T. 0.00 min

Lab File: BG030601.D

Acq: 31 Oct 2017 5:23

Tgt Ion:	202	Resp:	53300
Ion Ratio	Lower	Upper	
202	100		
101	10.1	8.4	12.6
100	9.3	7.0	10.6





#82

Chrysene

Concen: 1.187 ng/ul

RT: 21.84 min Scan# 3157

Delta R.T. -0.00 min

Lab File: BG030601.D

Acq: 31 Oct 2017 5:23

Instrument :

BNA_G

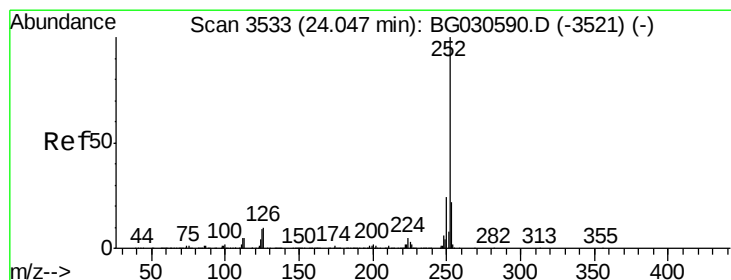
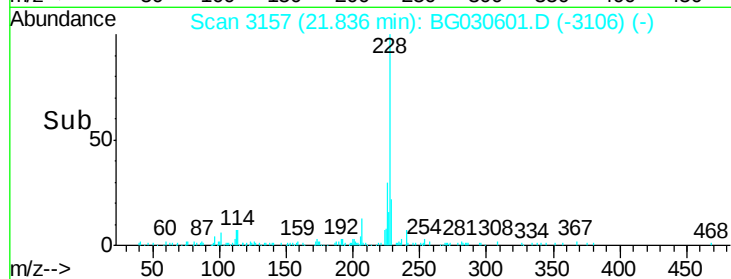
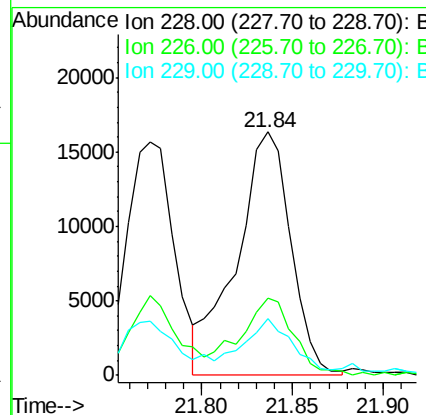
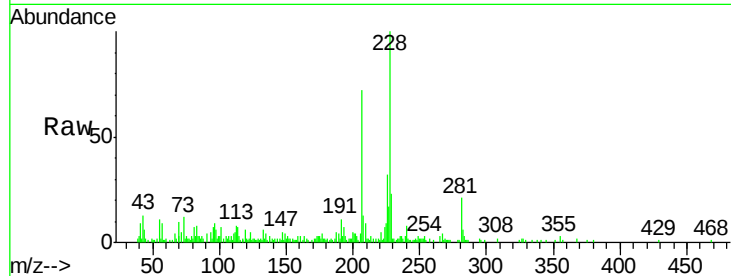
ClientSampled :

ESNE8

Tgt Ion:	228	Resp:	34038
Ion Ratio	Lower	Upper	
228	100		
226	31.8	24.2	36.2
229	23.4	15.2	22.8#

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#85

Benzo(b)fluoranthene

Concen: 1.580 ng/ul

RT: 24.06 min Scan# 3535

Delta R.T. 0.01 min

Lab File: BG030601.D

Acq: 31 Oct 2017 5:23

Tgt Ion:	252	Resp:	47946
Ion Ratio	Lower	Upper	
252	100		
253	24.9	17.0	25.4
125	13.6	7.5	11.3#

