

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG110717\
 Data File : BG030830.D
 Acq On : 8 Nov 2017 5:08
 Operator : SJ/JU
 Sample : I6222-03
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 08 05:59:28 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG101417.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Nov 08 04:22:00 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	85568	20.00	ng/ul	0.00
18) Naphthalene-d8	10.97	136	413371	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.77	164	275355	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.51	188	617302	20.00	ng/ul	0.00
75) Chrysene-d12	21.79	240	677572	20.00	ng/ul	0.00
83) Perylene-d12	25.09	264	709734	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.52	96	5259	2.50	ng/uL	0.00
5) Phenol-d5	7.31	99	110019	13.40	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.47	67	64633	12.58	ng/ul	0.00
9) 2-Chlorophenol-d4	7.68	132	88405	15.26	ng/ul	0.00
13) 4-Methylphenol-d8	8.86	113	87053	13.12	ng/ul	0.00
19) Nitrobenzene-d5	9.31	128	47070	15.86	ng/ul	0.00
22) 2-Nitrophenol-d4	10.04	143	57095	18.78	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.59	165	101397	14.63	ng/ul	0.00
29) 4-Chloroaniline-d4	11.10	131	120221	14.93	ng/ul	0.00
43) Dimethylphthalate-d6	14.17	166	340951	14.48	ng/ul	0.00
46) Acenaphthylene-d8	14.46	160	426527	14.90	ng/ul	0.00
51) 4-Nitrophenol-d4	14.98	143	46015	10.59	ng/ul	0.00
57) Fluorene-d10	15.76	176	312739	16.22	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.87	200	34866	11.57	ng/ul	0.00
70) Anthracene-d10	17.61	188	465035	15.93	ng/ul	0.00
76) Pyrene-d10	19.88	212	527082	15.03	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.86	264	518910	15.44	ng/ul	0.00

Target Compounds

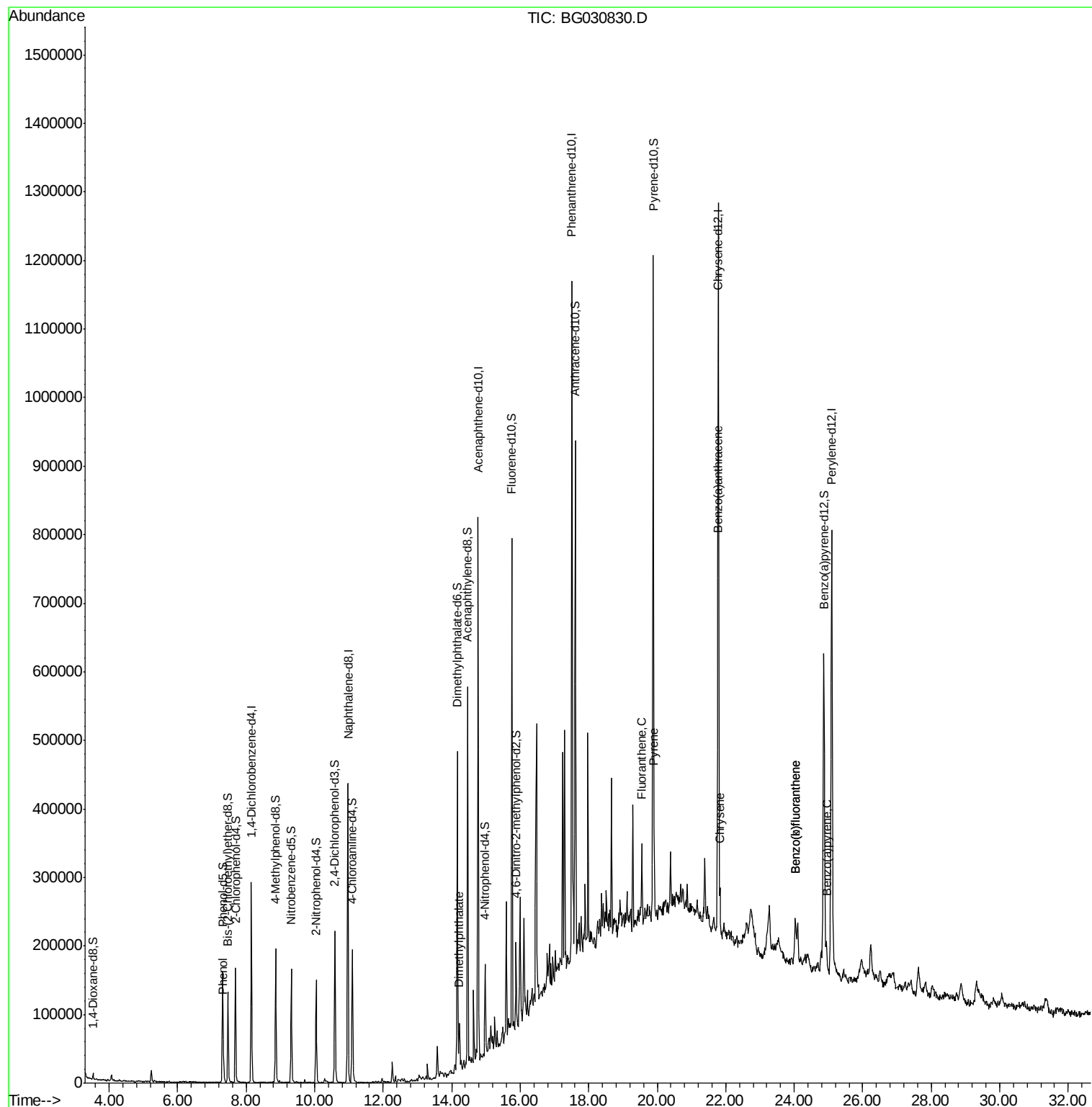
					Ovalue
6) Phenol	7.34	94	11439	1.346 ng/ul#	90
44) Dimethylphthalate	14.21	163	29278	1.275 ng/ul#	97
74) Fluoranthene	19.55	202	75401	2.022 ng/ul	98
77) Pyrene	19.91	202	75698	1.667 ng/ul	100
80) Benzo(a)anthracene	21.76	228	53093	1.250 ng/ul	99
82) Chrysene	21.83	228	52389	1.358 ng/ul	95
85) Benzo(b)fluoranthene	24.03	252	75618	1.775 ng/ul#	91
86) Benzo(k)fluoranthene	24.03	252	75618	1.836 ng/ul#	92
88) Benzo(a)pyrene	24.94	252	49138	1.185 ng/ul#	92

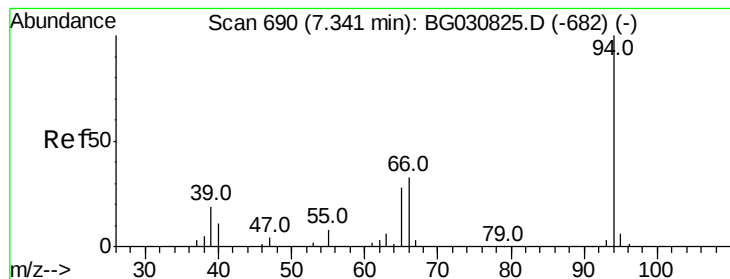
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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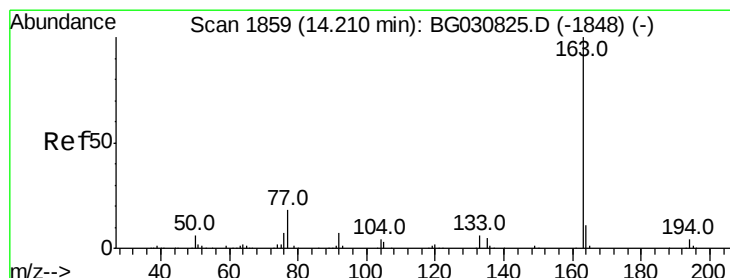
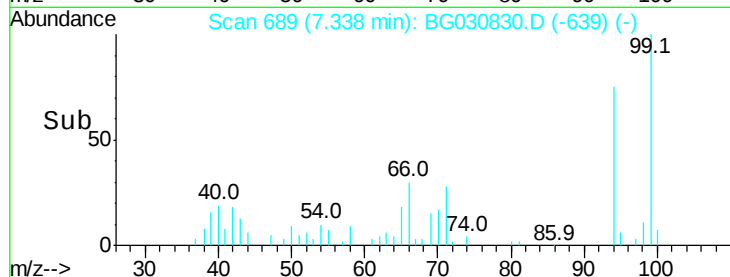
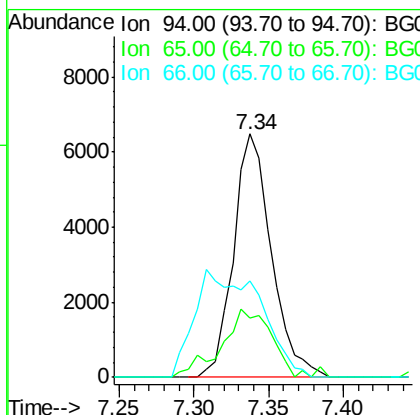
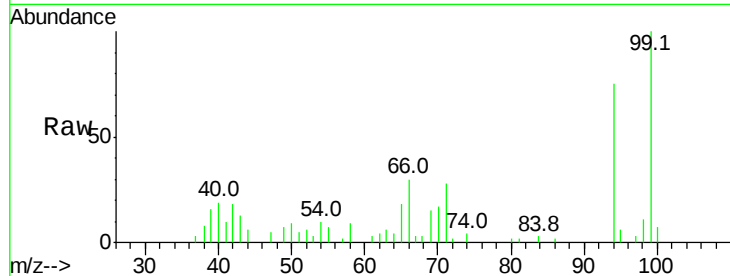
#6

Phenol

Concen: 1.346 ng/ul
 RT: 7.34 min Scan# 689
 Delta R.T. -0.00 min
 Lab File: BG030830.D
 Acq: 8 Nov 2017 5:08

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion: 94 Resp: 11439
 Ion Ratio Lower Upper
 94 100
 65 24.4 27.1 40.7#
 66 39.6 34.6 52.0

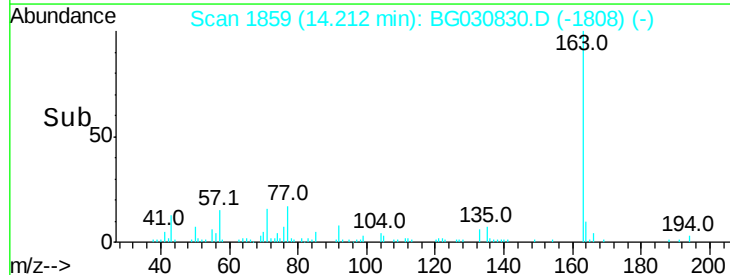
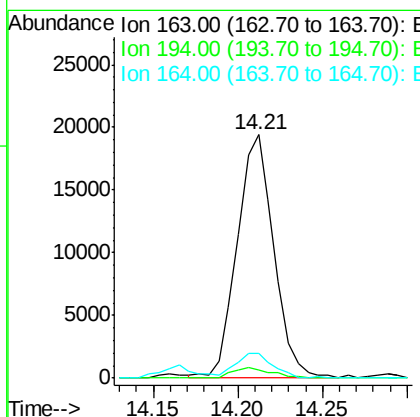
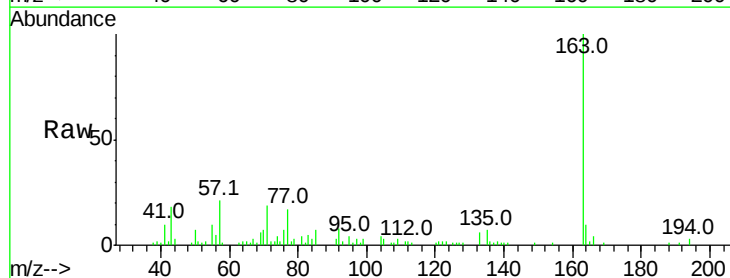


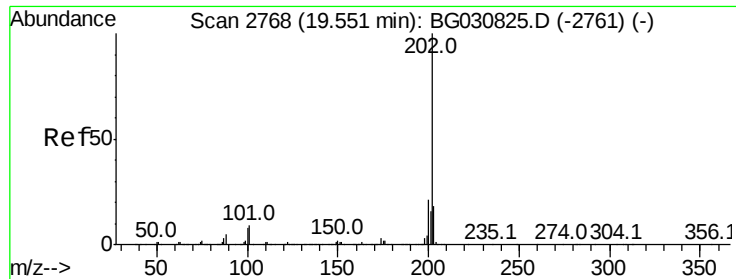
#44

Dimethylphthalate

Concen: 1.275 ng/ul
 RT: 14.21 min Scan# 1859
 Delta R.T. 0.00 min
 Lab File: BG030830.D
 Acq: 8 Nov 2017 5:08

Tgt Ion:163 Resp: 29278
 Ion Ratio Lower Upper
 163 100
 194 3.1 3.5 5.3#
 164 10.2 7.6 11.4





#74

Fluoranthene

Concen: 2.022 ng/ul

RT: 19.55 min Scan# 2768

Delta R.T. 0.00 min

Lab File: BG030830.D

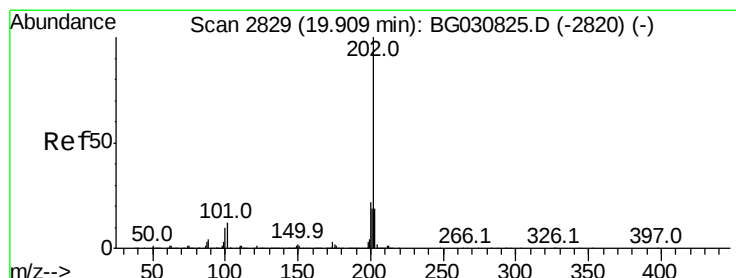
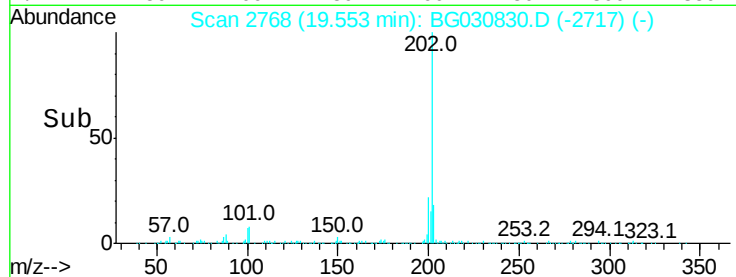
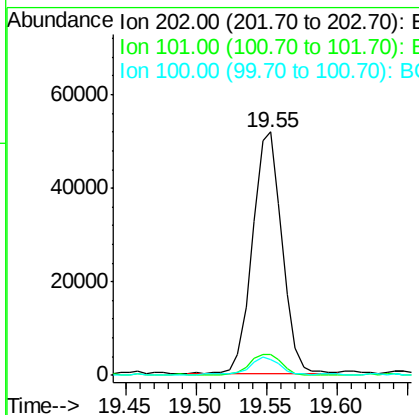
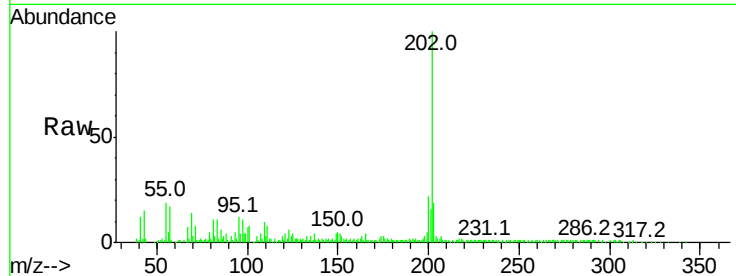
Acq: 8 Nov 2017 5:08

Instrument :

BNA_G

ClientSampleId :

Tot Ion:	202	Resp:	75401
Ion	Ratio	Lower	Upper
202	100		
101	8.4	7.4	11.2
100	6.7	5.6	8.4



#77

Pyrene

Concen: 1.667 ng/ul

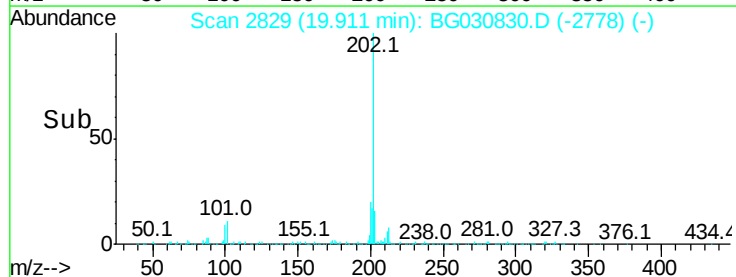
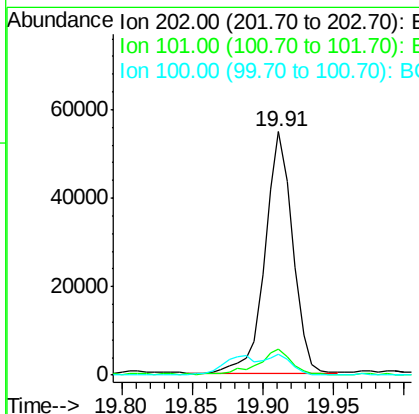
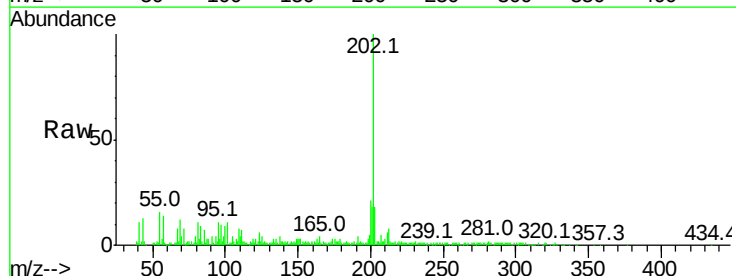
RT: 19.91 min Scan# 2829

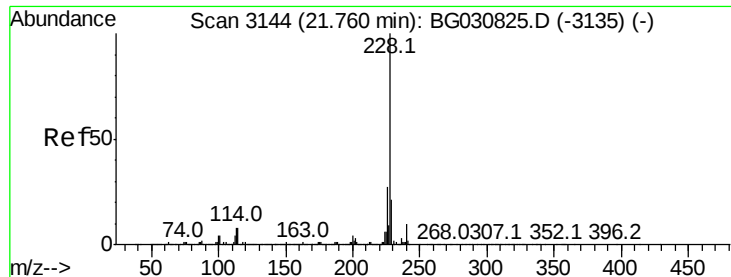
Delta R.T. 0.00 min

Lab File: BG030830.D

Acq: 8 Nov 2017 5:08

Tgt Ion:	202	Resp:	75698
Ion	Ratio	Lower	Upper
202	100		
101	10.5	8.4	12.6
100	8.5	7.0	10.6





#80

Benzo(a)anthracene

Concen: 1.250 ng/ul

RT: 21.76 min Scan# 3144

Delta R.T. 0.00 min

Lab File: BG030830.D

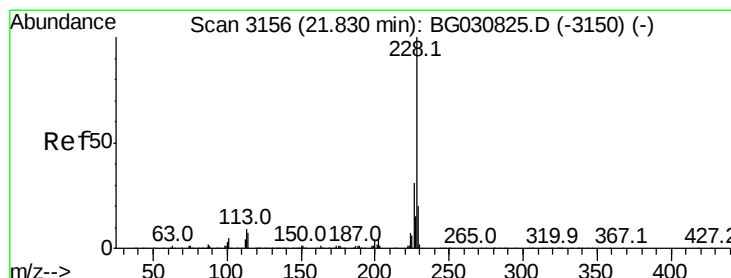
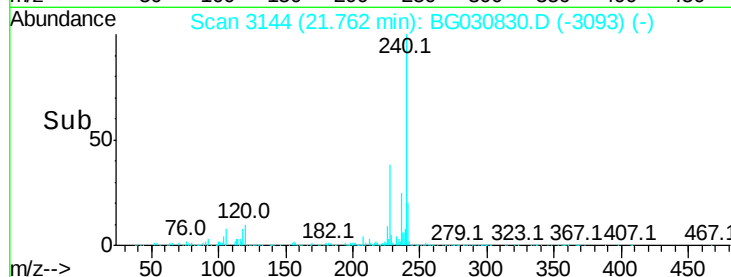
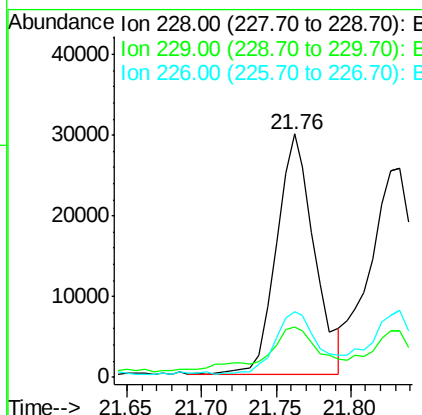
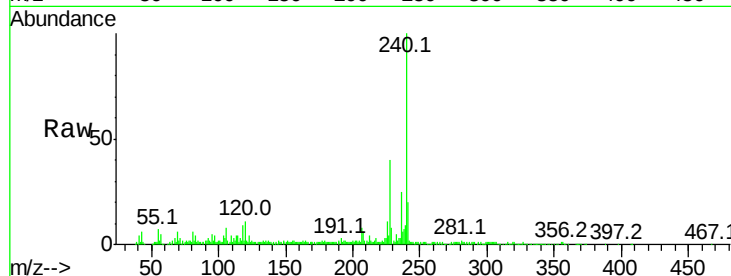
Acq: 8 Nov 2017 5:08

Instrument :

BNA_G

ClientSampleId :

Tot Ion:228	Resp:	53093
Ion Ratio	Lower	Upper
228	100	
229	20.7	16.2 24.4
226	27.2	22.2 33.2



#82

Chrysene

Concen: 1.358 ng/ul

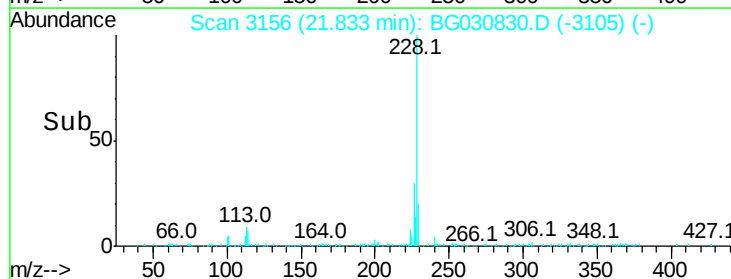
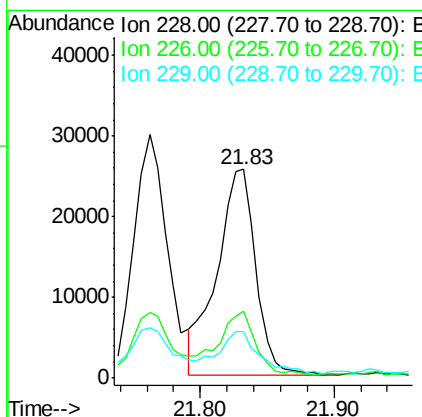
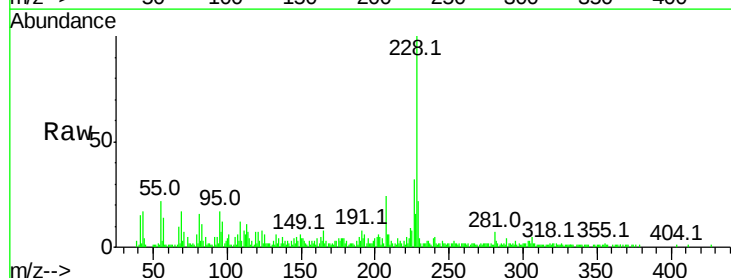
RT: 21.83 min Scan# 3156

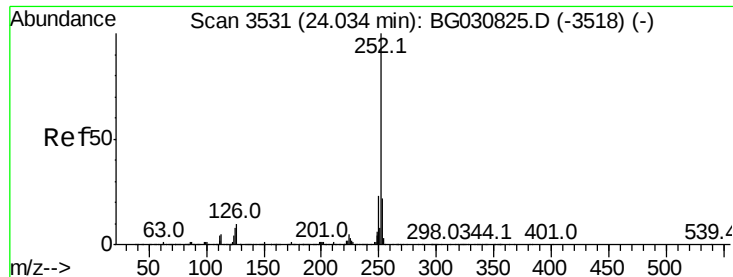
Delta R.T. 0.00 min

Lab File: BG030830.D

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Tgt Ion:228	Resp:	52389
Ion Ratio	Lower	Upper
228	100	
226	31.8	24.2 36.2
229	22.4	15.2 22.8





#85

Benzo(b)fluoranthene

Concen: 1.775 ng/ul

RT: 24.03 min Scan# 3530

Delta R.T. -0.00 min

Lab File: BG030830.D

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Instrument :

BNA_G

ClientSampleId :

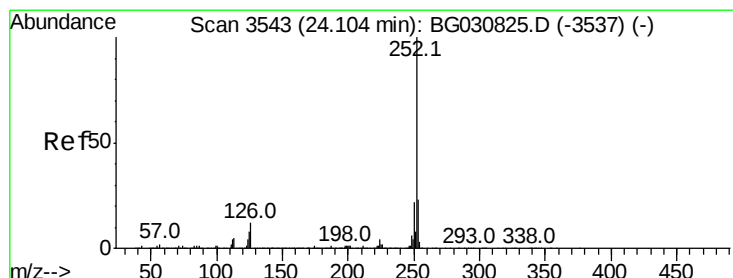
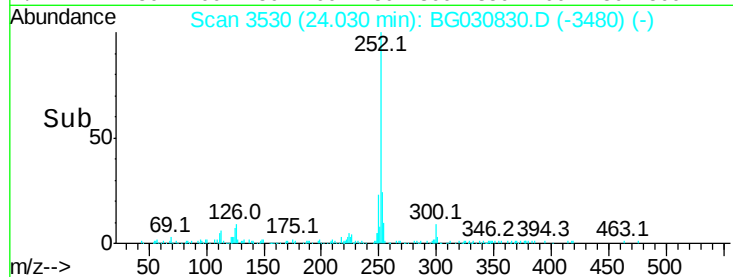
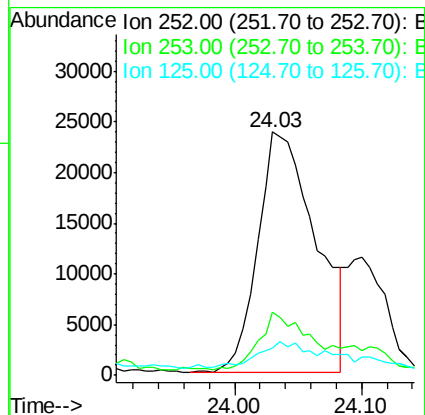
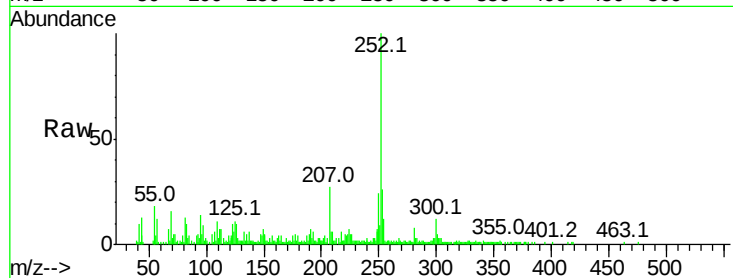
Tot Ion:252 Resp: 75618

Ion Ratio Lower Upper

252 100

253 26.1 17.0 25.4#

125 11.4 7.5 11.3#



#86

Benzo(k)fluoranthene

Concen: 1.836 ng/ul

RT: 24.03 min Scan# 3530

Delta R.T. -0.07 min

Lab File: BG030830.D

Acq: 8 Nov 2017 5:08

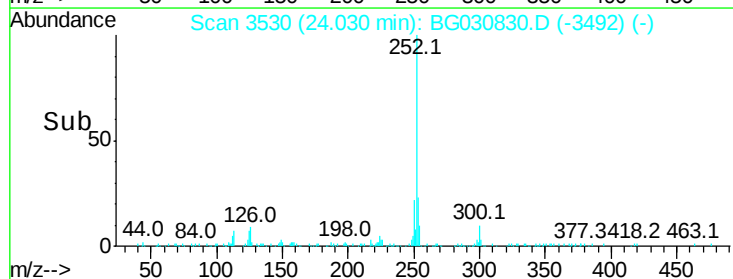
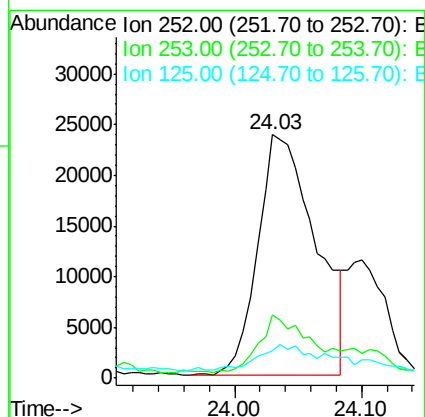
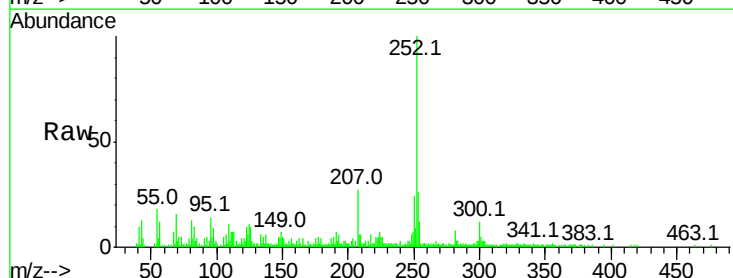
Tgt Ion:252 Resp: 75618

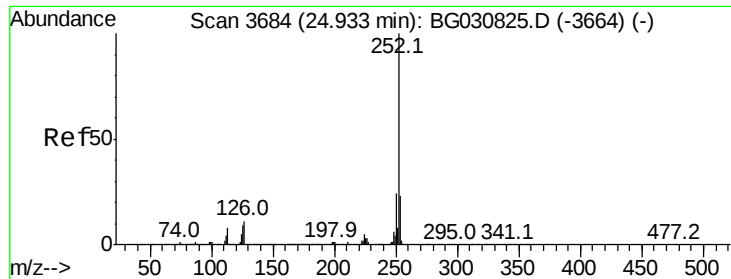
Ion Ratio Lower Upper

252 100

253 26.1 17.2 25.8#

125 11.4 7.8 11.8





#88

Benzo(a)pyrene

Concen: 1.185 ng/ul

RT: 24.94 min Scan# 3685

Delta R.T. 0.01 min

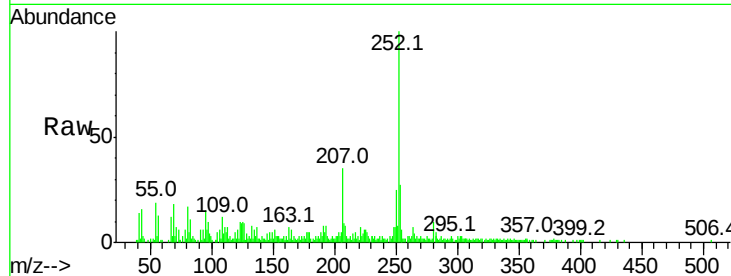
Lab File: BG030830.D

Acq: 8 Nov 2017 5:08

Instrument :

BNA_G

ClientSampleId :



Tot Ion:	252	Resp:	49138
Ion	Ratio	Lower	Upper
252	100		
253	26.7	17.1	25.7#
125	10.0	7.8	11.8

