

Data Path : Z:\HPCHEM1\BNA G\DATA\BG083017\
 Data File : BG028561.D
 Acq On : 30 Aug 2017 20:20
 Operator : SJ/JU
 Sample : I4917-07
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B0B47

Manual Integrations
 APPROVED

Sohil
 8/31/2017 7:18:05 PM

Quant Time: Aug 31 04:53:08 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Aug 31 04:17:10 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.34	152	46443	20.00	ng/ul	0.00
18) Naphthalene-d8	11.16	136	186947	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.95	164	118927	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.71	188	262402m	20.00	ng/ul	0.00
75) Chrysene-d12	22.04	240	315786	20.00	ng/ul	0.00
83) Perylene-d12	25.56	264	316336	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.83	96	4248	4.26	ng/uL	0.00
5) Phenol-d5	7.50	99	103995	20.39	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.65	67	71431	22.11	ng/ul	0.00
9) 2-Chlorophenol-d4	7.88	132	79904	24.83	ng/ul	0.00
13) 4-Methylphenol-d8	9.04	113	82355	19.32	ng/ul	0.00
19) Nitrobenzene-d5	9.51	128	40358	27.61	ng/ul	0.00
22) 2-Nitrophenol-d4	10.23	143	46366	28.93	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.78	165	86504	26.09	ng/ul	0.00
29) 4-Chloroaniline-d4	11.30	131	54316	14.71	ng/ul	0.00
43) Dimethylphthalate-d6	14.34	166	262823	24.85	ng/ul	0.00
46) Acenaphthylene-d8	14.65	160	306110	25.67	ng/ul	0.00
51) 4-Nitrophenol-d4	15.16	143	25746	15.31	ng/ul	0.01
57) Fluorene-d10	15.94	176	230434	24.28	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.07	200	36877m	21.63	ng/ul	0.00
70) Anthracene-d10	17.80	188	355769	28.27	ng/ul	0.00
76) Pyrene-d10	20.08	212	415271	25.64	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.31	264	403363	27.24	ng/ul	0.00
Target Compounds						
6) Phenol	7.52	94	12161	2.399	ng/ul#	89
34) 2-Methylnaphthalene	12.79	142	10629	1.429	ng/ul	91
44) Dimethylphthalate	14.39	163	86835	8.916	ng/ul#	97
69) Phenanthrene	17.75	178	17842m	1.351	ng/ul	
74) Fluoranthene	19.74	202	22969m	1.431	ng/ul	
77) Pyrene	20.11	202	95415	5.064	ng/ul#	93
82) Chrysene	22.08	228	24115	1.468	ng/ul#	86

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

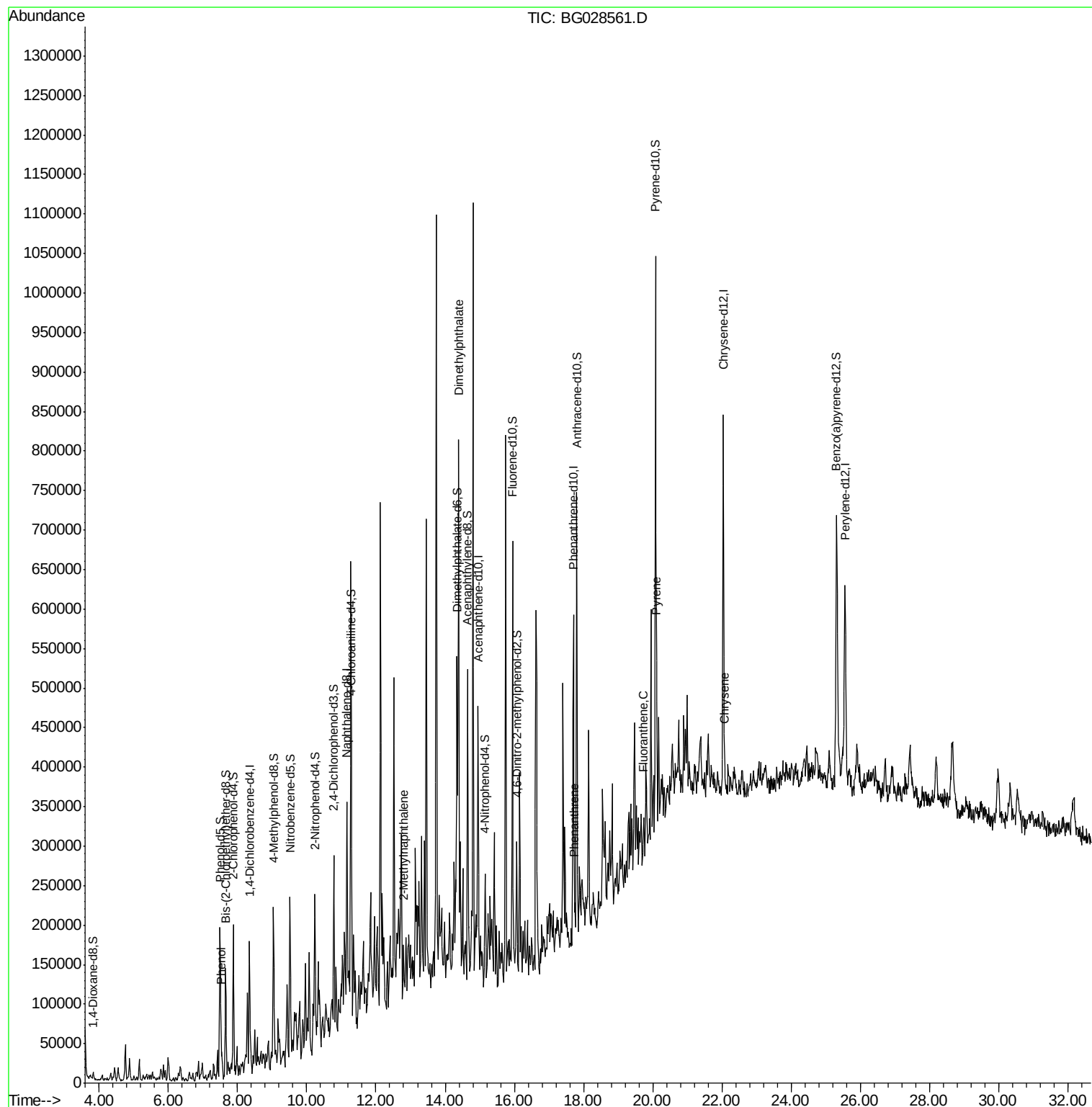
Data Path : Z:\HPCHEM1\BNA G\DATA\BG083017\
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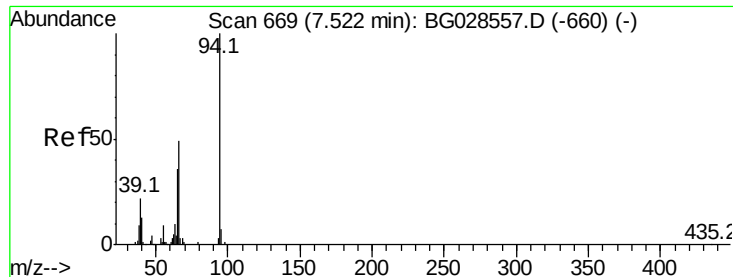
Instrument :
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Quant Time: Aug 31 04:53:08 2017
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Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 31 04:17:10 2017
Response via : Initial Calibration





#6

Phenol

Concen: 2.399 ng/ul

RT: 7.52 min Scan# 670

Delta R.T. 0.00 min

Lab File: BG028561.D

Acq: 30 Aug 2017 20:20

Instrument :

BNA_G

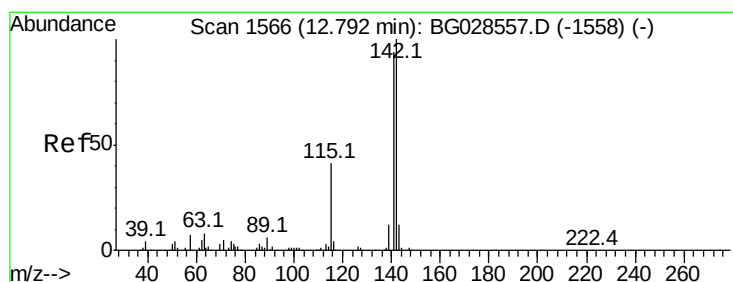
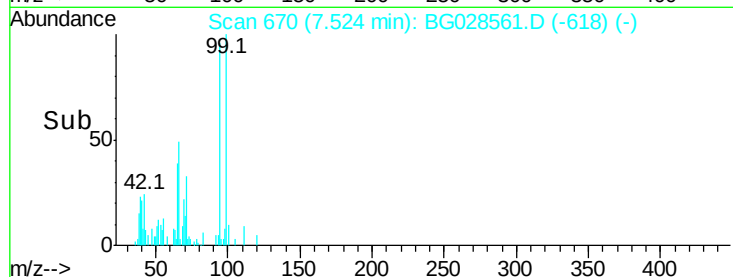
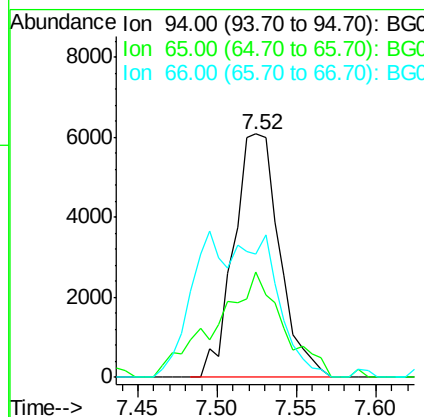
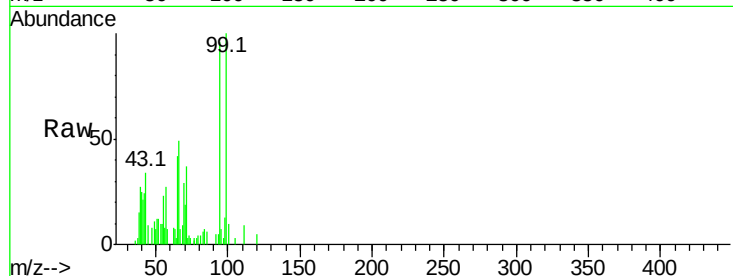
ClientSampleId :

B0B47

Tot Ion:	94	Resp:	12161
Ion Ratio	Lower	Upper	
94	100		
65	43.3	26.8	40.2#
66	50.5	44.4	66.6

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#34

2-Methylnaphthalene

Concen: 1.429 ng/ul

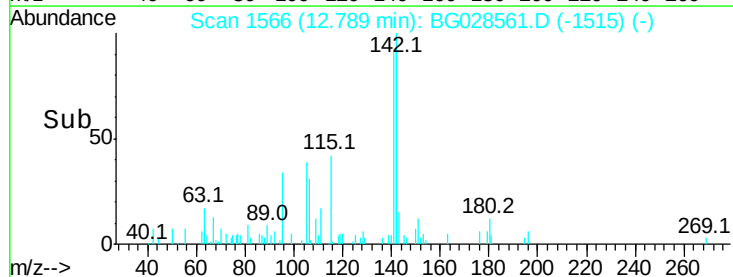
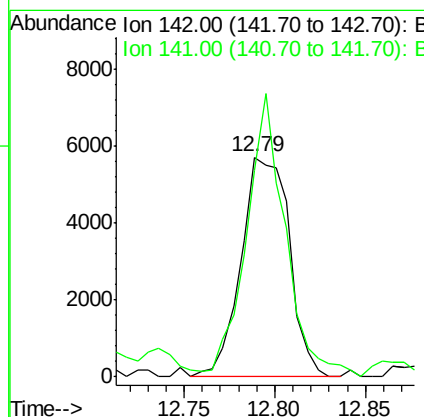
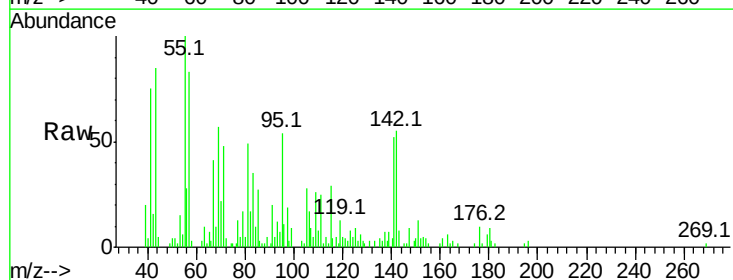
RT: 12.79 min Scan# 1566

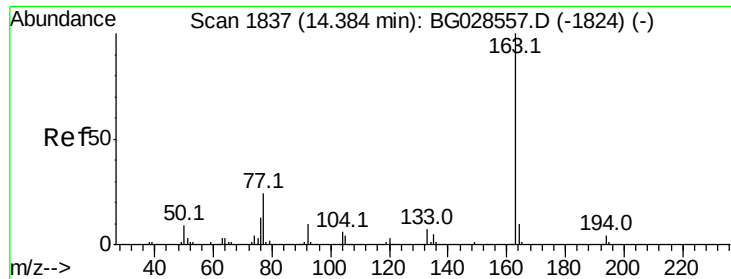
Delta R.T. -0.00 min

Lab File: BG028561.D

Acq: 30 Aug 2017 20:20

Tgt Ion:	142	Resp:	10629
Ion Ratio	Lower	Upper	
142	100		
141	93.9	68.6	102.8





#44

Dimethylphthalate

Concen: 8.916 ng/ul

RT: 14.39 min Scan# 1838

Delta R.T. 0.00 min

Lab File: BG028561.D

Acq: 30 Aug 2017 20:20

Instrument :

BNA_G

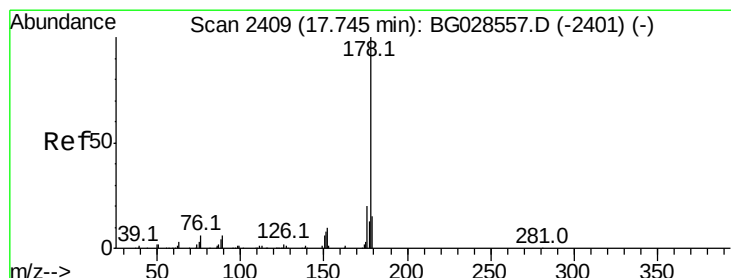
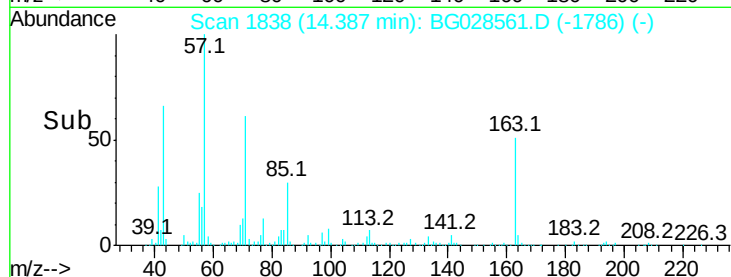
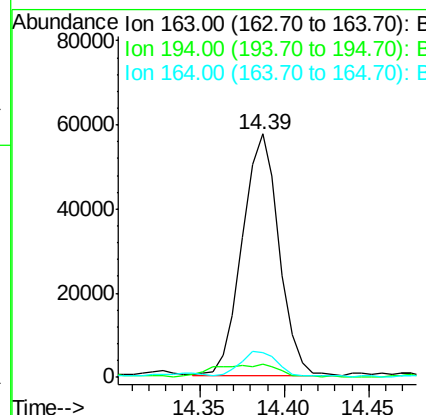
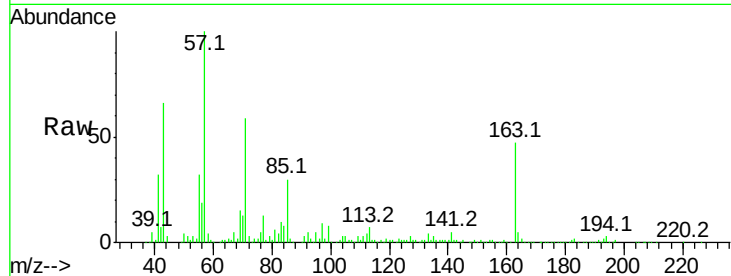
ClientSampled :

B0B47

Tot Ion:	163	Resp:	86835
Ion Ratio	Lower	Upper	
163	100		
194	5.4	3.4	5.0#
164	10.0	9.0	13.4

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#69

Phenanthrene

Concen: 1.351 ng/ul m

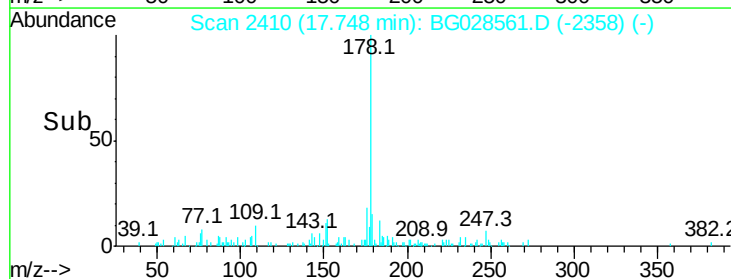
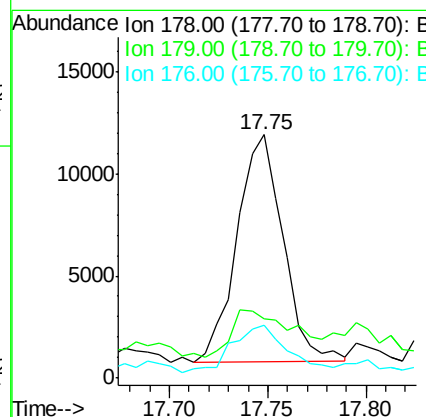
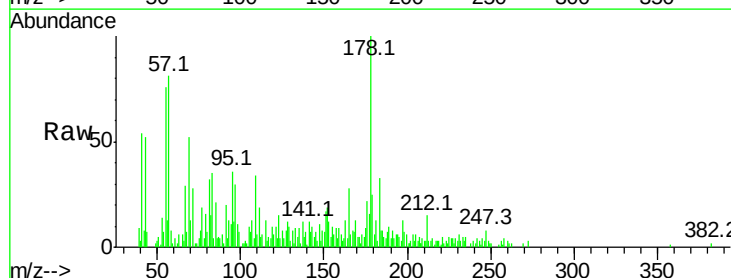
RT: 17.75 min Scan# 2410

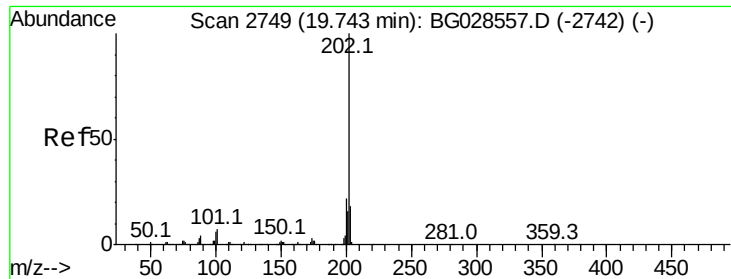
Delta R.T. 0.00 min

Lab File: BG028561.D

Acq: 30 Aug 2017 20:20

Tgt Ion:	178	Resp:	17842
Ion Ratio	Lower	Upper	
178	100		
179	24.5	12.4	18.6#
176	21.6	16.5	24.7





#74

Fluoranthene

Concen: 1.431 ng/ul m

RT: 19.74 min Scan# 2749

Delta R.T. -0.00 min

Lab File: BG028561.D

Acq: 30 Aug 2017 20:20

Instrument :

BNA_G

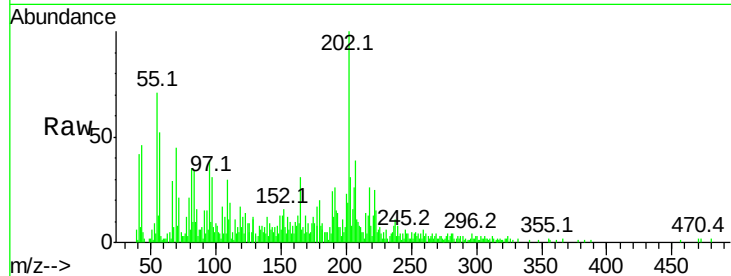
ClientSampleId :

B0B47

Tot Ion	Ratio	Resp	Lower	Upper
202	100	22969		
101	8.4	6.2	9.2	
100	9.2	5.2	7.8	

Manual Integrations
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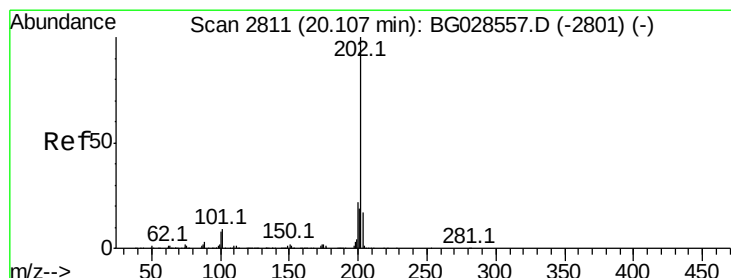
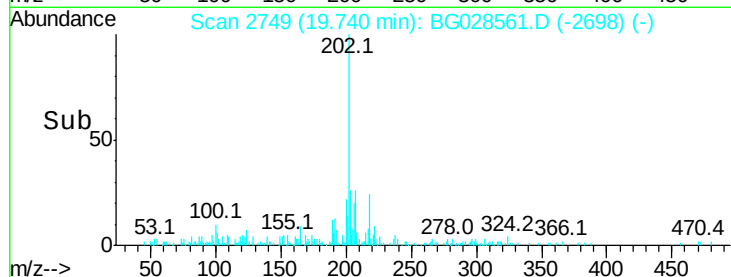
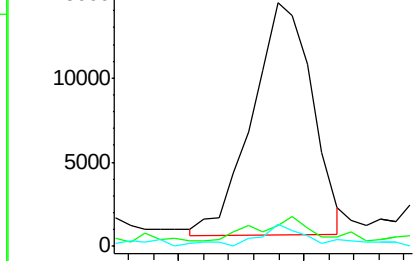
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#77

Pyrene

Concen: 5.064 ng/ul

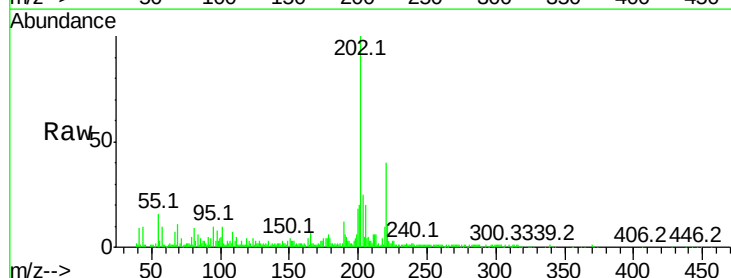
RT: 20.11 min Scan# 2812

Delta R.T. 0.00 min

Lab File: BG028561.D

Acq: 30 Aug 2017 20:20

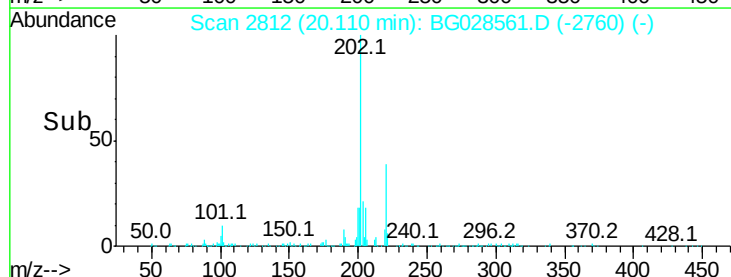
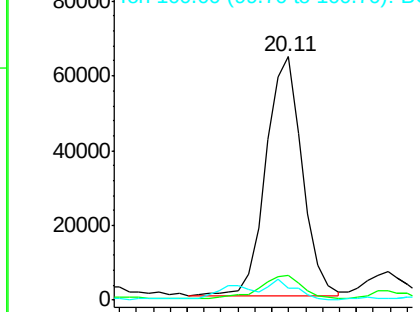
Tgt Ion	Ratio	Resp	Lower	Upper
202	100	95415		
101	10.2	6.9	10.3	
100	5.1	6.6	10.0	

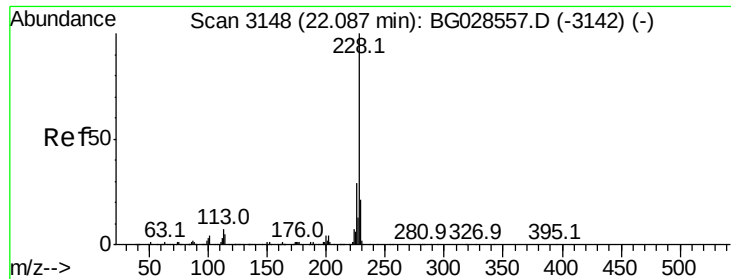


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#82

Chrysene

Concen: 1.468 ng/ul

RT: 22.08 min Scan# 3148

Delta R.T. -0.00 min

Lab File: BG028561.D

Acq: 30 Aug 2017 20:20

Instrument :

BNA_G

ClientSampleId :

B0B47

Tot Ion:	228	Resp:	24115
Ion Ratio		Lower	Upper
228	100		
226	36.3	24.0	36.0#
229	29.1	16.9	25.3#

Manual Integrations
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