

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081517\
 Data File : BG028355.D
 Acq On : 15 Aug 2017 22:39
 Operator : SJ/JU
 Sample : I4672-20
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AG9

Manual Integrations
 APPROVED

Sohil
 8/16/2017 6:40:10 PM

Quant Time: Aug 16 04:28:08 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Aug 16 04:06:35 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.36	152	36149	20.00	ng/ul	0.00
18) Naphthalene-d8	11.18	136	174865	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.96	164	132669	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.71	188	329870	20.00	ng/ul	0.00
75) Chrysene-d12	22.05	240	361193	20.00	ng/ul	0.00
83) Perylene-d12	25.57	264	333939	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.84	96	2269	2.92	ng/uL	0.00
5) Phenol-d5	7.51	99	74394	18.74	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.67	67	44254	17.60	ng/ul	0.00
9) 2-Chlorophenol-d4	7.89	132	53278	21.27	ng/ul	0.00
13) 4-Methylphenol-d8	9.06	113	55789	16.81	ng/ul	0.00
19) Nitrobenzene-d5	9.53	128	28424	20.79	ng/ul	0.00
22) 2-Nitrophenol-d4	10.25	143	32129	21.43	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.80	165	64519	20.80	ng/ul	0.00
29) 4-Chloroaniline-d4	11.31	131	44987	13.03	ng/ul	0.00
43) Dimethylphthalate-d6	14.35	166	248794	21.08	ng/ul	0.00
46) Acenaphthylene-d8	14.66	160	281965	21.19	ng/ul	0.00
51) 4-Nitrophenol-d4	15.17	143	36100	19.24	ng/ul	0.00
57) Fluorene-d10	15.95	176	215864	20.39	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.07	200	43385	20.25	ng/ul	0.00
70) Anthracene-d10	17.81	188	355326	22.46	ng/ul	0.00
76) Pyrene-d10	20.09	212	434540	23.46	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.32	264	379556	24.28	ng/ul	0.00
Target Compounds						
6) Phenol	7.55	94	4328	1.097	ng/ul	88
34) 2-Methylnaphthalene	12.81	142	8120m	1.167	ng/ul	
44) Dimethylphthalate	14.40	163	82147	7.561	ng/ul	100
69) Phenanthrene	17.75	178	21082	1.270	ng/ul#	91
74) Fluoranthene	19.75	202	31270	1.550	ng/ul#	97
77) Pyrene	20.12	202	28578	1.326	ng/ul	100

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

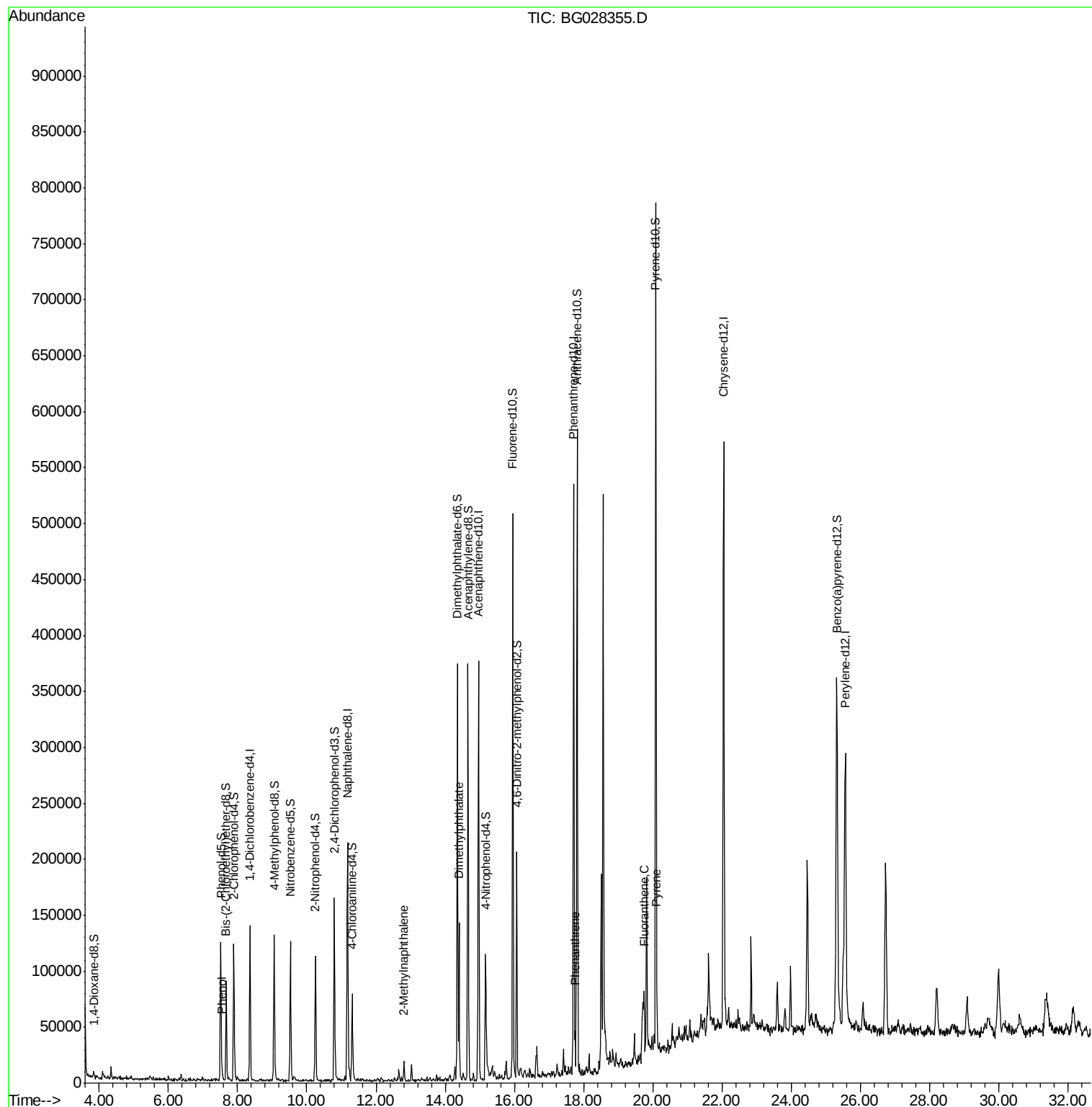
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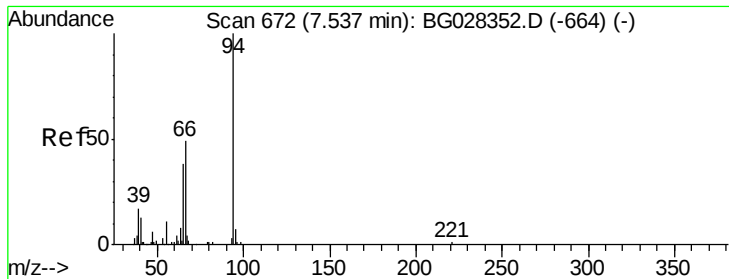
Instrument :
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Response via : Initial Calibration





#6

Phenol

Concen: 1.097 ng/ul

RT: 7.55 min Scan# 674

Delta R.T. 0.01 min

Lab File: BG028355.D

Acq: 15 Aug 2017 22:39

Instrument :

BNA_G

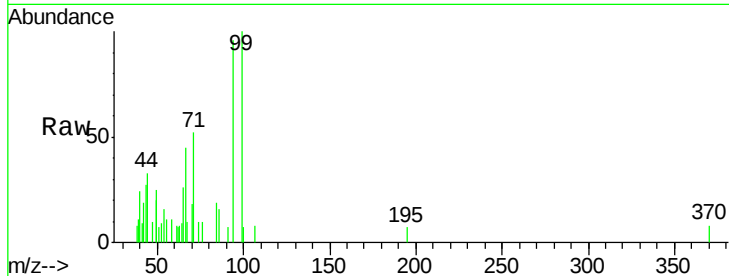
ClientSampled :

C0AG9

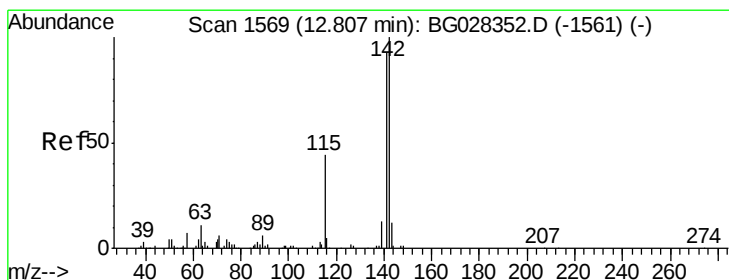
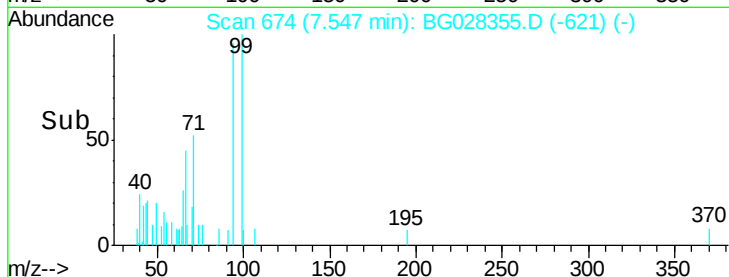
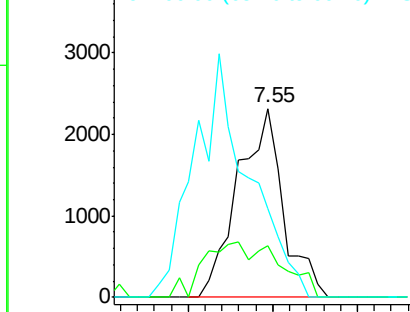
Tgt Ion:	94	Resp:	4328
Ion Ratio	Lower	Upper	
94	100		
65	27.1	26.8	40.2
66	46.7	44.4	66.6

Manual Integrations
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Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC



#34

2-Methylnaphthalene

Concen: 1.167 ng/ul m

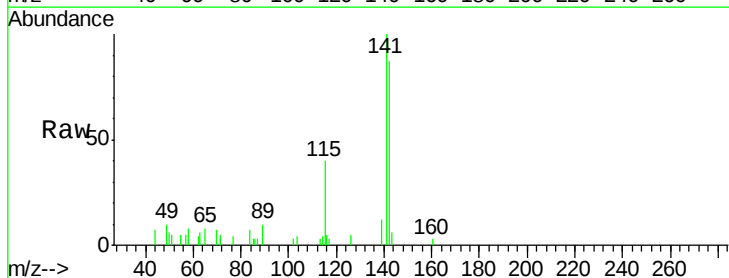
RT: 12.81 min Scan# 1570

Delta R.T. 0.00 min

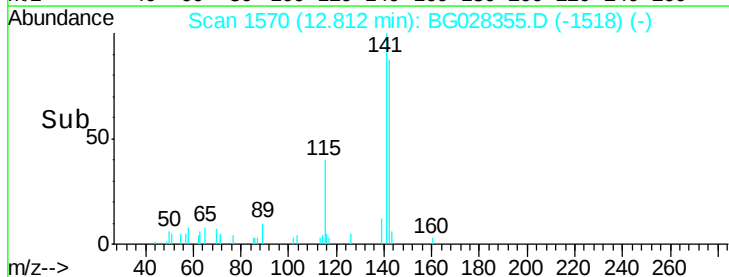
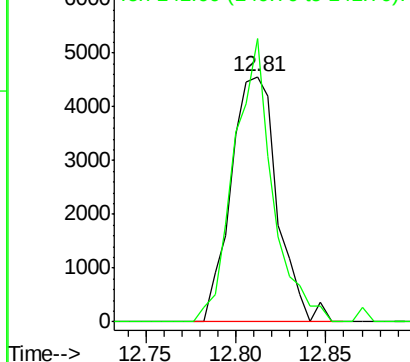
Lab File: BG028355.D

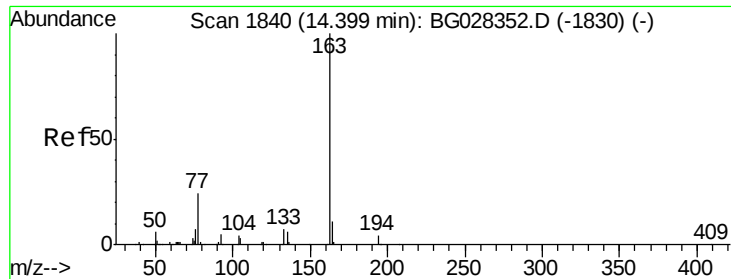
Acq: 15 Aug 2017 22:39

Tgt Ion:	142	Resp:	8120
Ion Ratio	Lower	Upper	
142	100		
141	115.5	68.6	102.8#



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E





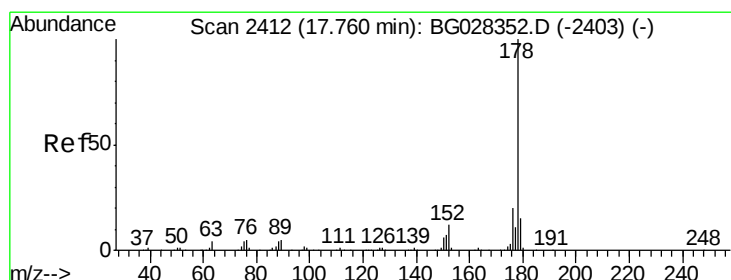
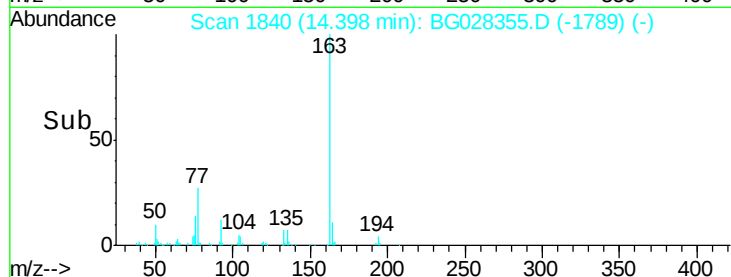
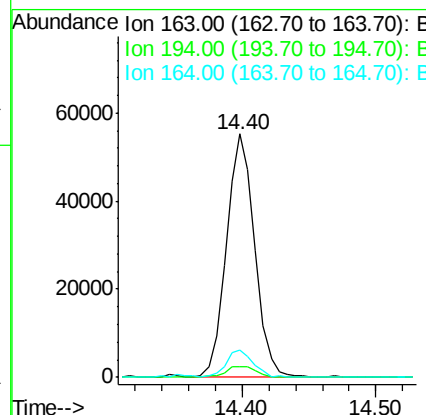
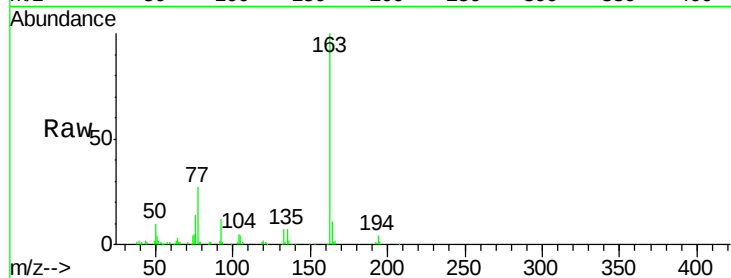
#44
Dimethylphthalate
Concen: 7.561 ng/ul
RT: 14.40 min Scan# 1840
Delta R.T. -0.00 min
Lab File: BG028355.D
Acq: 15 Aug 2017 22:39

Instrument :
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ClientSampleId :
C0AG9

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	82147		
194	4.2		3.4	5.0
164	11.0		9.0	13.4

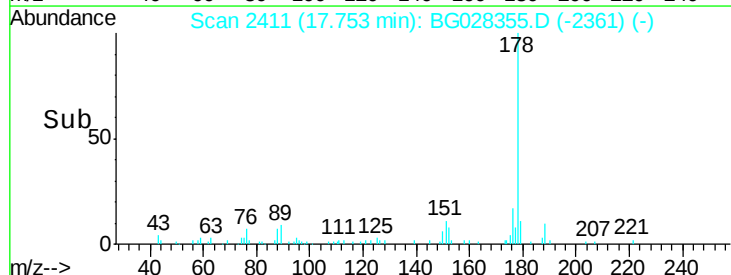
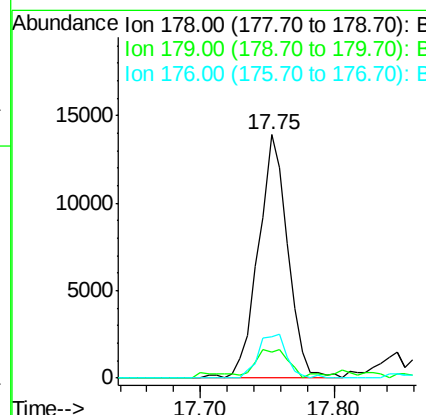
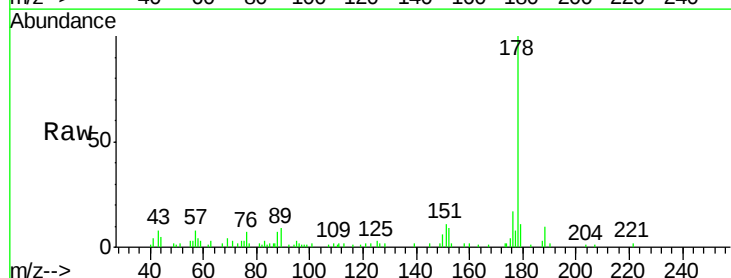
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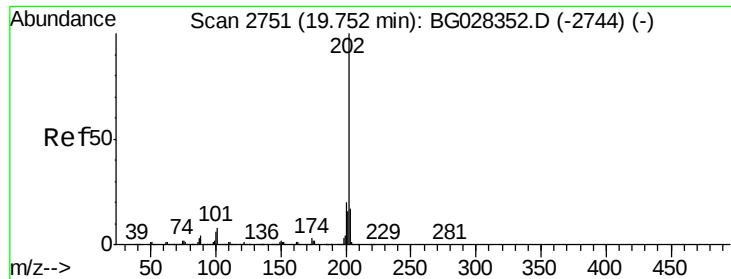
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#69
Phenanthrene
Concen: 1.270 ng/ul
RT: 17.75 min Scan# 2411
Delta R.T. -0.01 min
Lab File: BG028355.D
Acq: 15 Aug 2017 22:39

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	21082		
179	10.6		12.4	18.6#
176	17.0		16.5	24.7





#74

Fluoranthene

Concen: 1.550 ng/ul

RT: 19.75 min Scan# 2751

Delta R.T. -0.00 min

Lab File: BG028355.D

Acq: 15 Aug 2017 22:39

Instrument :

BNA_G

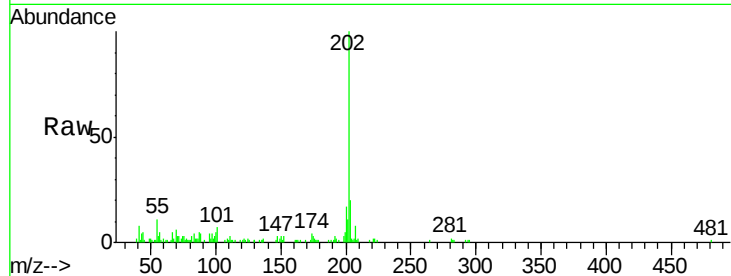
ClientSampleId :

C0AG9

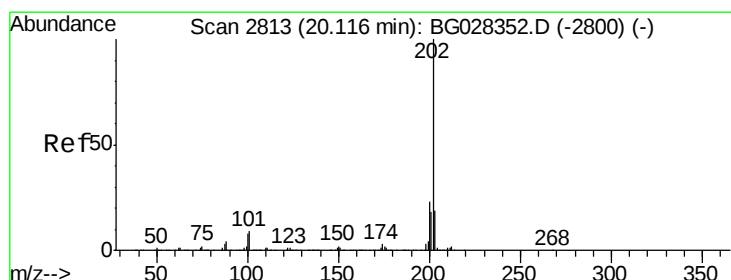
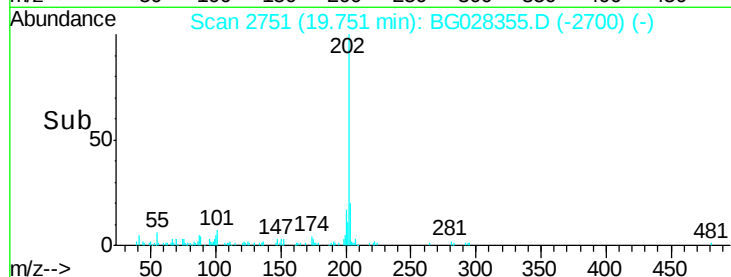
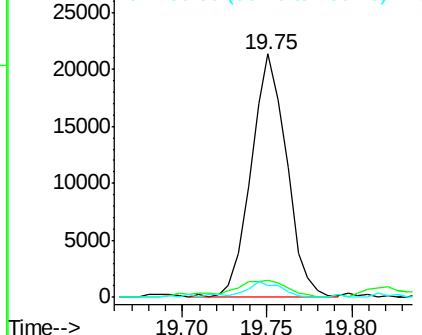
Tgt Ion	Ratio	Resp	Lower	Upper
202	100	31270		
101	7.0	6.2	9.2	
100	4.7	5.2	7.8	

Manual Integrations
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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: 1.326 ng/ul

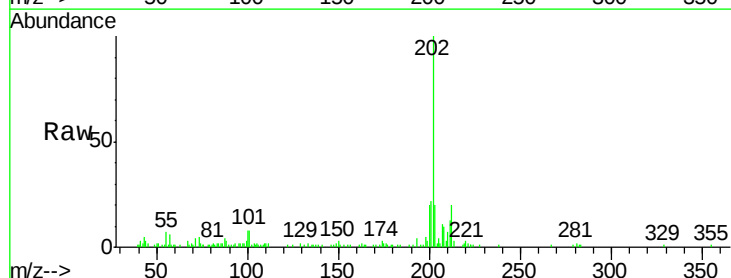
RT: 20.12 min Scan# 2813

Delta R.T. -0.00 min

Lab File: BG028355.D

Acq: 15 Aug 2017 22:39

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	28578		
101	8.4	6.9	10.3	
100	8.3	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

