

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081517\
 Data File : BG028358.D
 Acq On : 16 Aug 2017 00:38
 Operator : SJ/JU
 Sample : I4672-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AG3

Manual Integrations
 APPROVED

Sohil
 8/16/2017 6:40:21 PM

Quant Time: Aug 16 04:43:29 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	39100	20.00	ng/ul	0.00
18) Naphthalene-d8	11.18	136	186292	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.96	164	134307	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.71	188	328498m	20.00	ng/ul	0.00
75) Chrysene-d12	22.04	240	361420	20.00	ng/ul	0.00
83) Perylene-d12	25.56	264	343837	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.84	96	2599	3.10	ng/uL	0.00
5) Phenol-d5	7.51	99	82740	19.27	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.67	67	55294	20.33	ng/ul	0.00
9) 2-Chlorophenol-d4	7.89	132	61063	22.54	ng/ul	0.00
13) 4-Methylphenol-d8	9.05	113	65193	18.16	ng/ul	0.00
19) Nitrobenzene-d5	9.52	128	32801	22.52	ng/ul	0.00
22) 2-Nitrophenol-d4	10.25	143	41845	26.20	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.80	165	76307	23.09	ng/ul	0.00
29) 4-Chloroaniline-d4	11.31	131	83208	22.62	ng/ul	0.00
43) Dimethylphthalate-d6	14.35	166	276672	23.16	ng/ul	0.00
46) Acenaphthylene-d8	14.66	160	332710	24.70	ng/ul	0.00
51) 4-Nitrophenol-d4	15.17	143	35640	18.76	ng/ul	0.00
57) Fluorene-d10	15.95	176	249658	23.30	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.07	200	50598m	23.71	ng/ul	0.00
70) Anthracene-d10	17.81	188	393627	24.99	ng/ul	0.00
76) Pyrene-d10	20.09	212	470635	25.39	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.32	264	416164	25.85	ng/ul	0.00

Target Compounds

					Qvalue	
28) Naphthalene	11.23	128	14864	1.611	ng/ul	97
34) 2-Methylnaphthalene	12.81	142	10178	1.373	ng/ul	96
44) Dimethylphthalate	14.40	163	84430	7.676	ng/ul	99
69) Phenanthrene	17.75	178	26097	1.579	ng/ul	97
77) Pyrene	20.12	202	62517	2.899	ng/ul	99
80) Benzo(a)anthracene	22.03	228	44560	2.134	ng/ul	92
82) Chrysene	22.10	228	46526	2.474	ng/ul	99
85) Benzo(b)fluoranthene	24.44	252	68876	3.347	ng/ul#	96
86) Benzo(k)fluoranthene	24.50	252	23219	1.155	ng/ul#	93
88) Benzo(a)pyrene	25.39	252	45907	2.304	ng/ul#	95
89) Indeno(1,2,3-cd)pyrene	29.59	276	29084	1.247	ng/ul	94
91) Benzo(g,h,i)perylene	30.87	276	28321m	1.476	ng/ul	

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

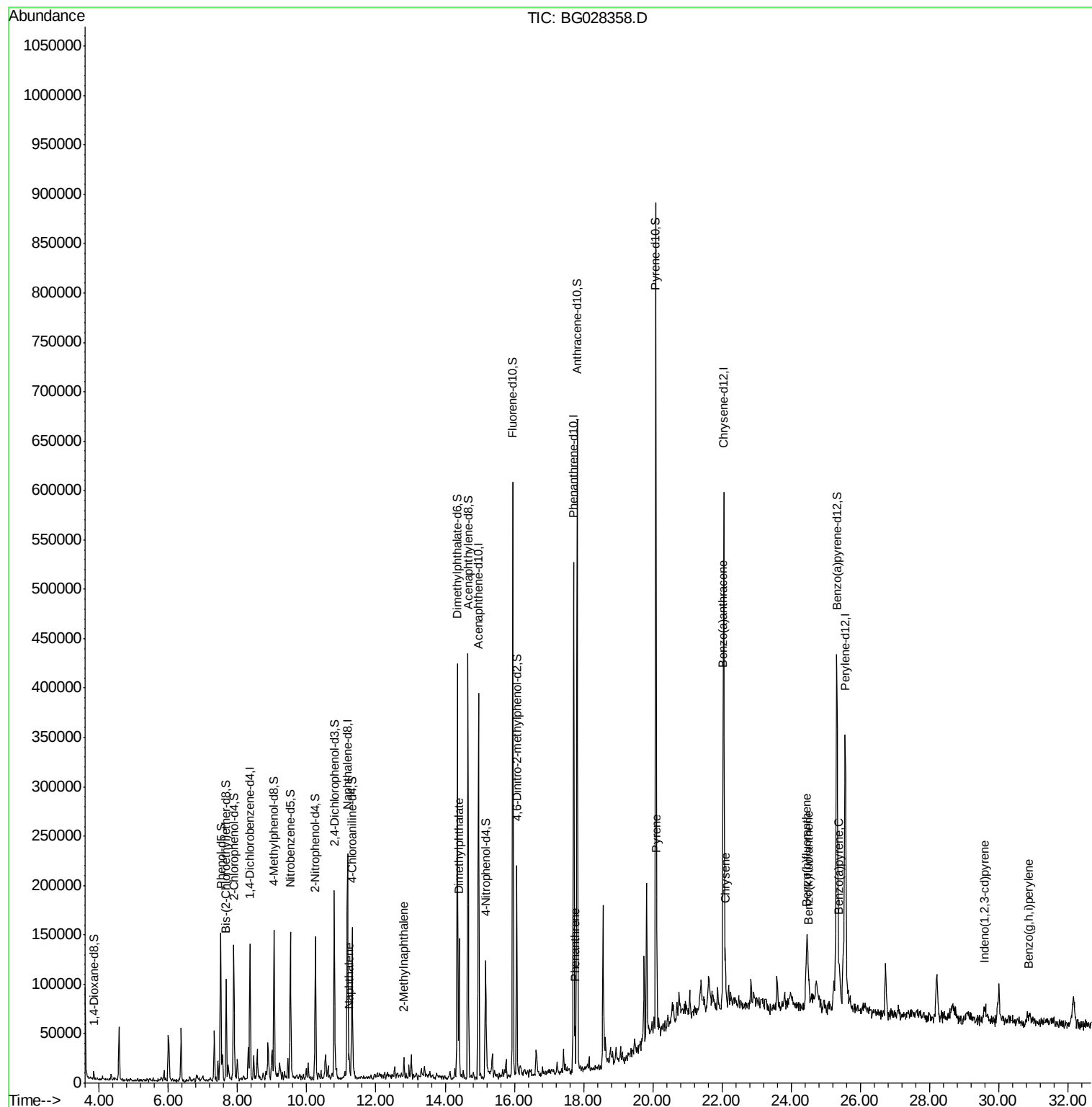
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081517\
Data File : BG028358.D
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Sample : I4672-01
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ALS Vial : 20 Sample Multiplier: 1

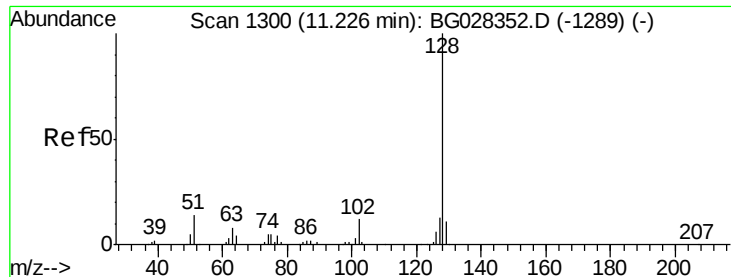
Instrument :
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ClientSampleId :
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Quant Title : SVOA CALIBRATION
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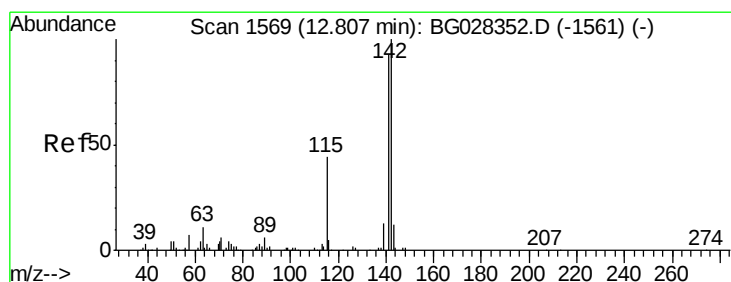
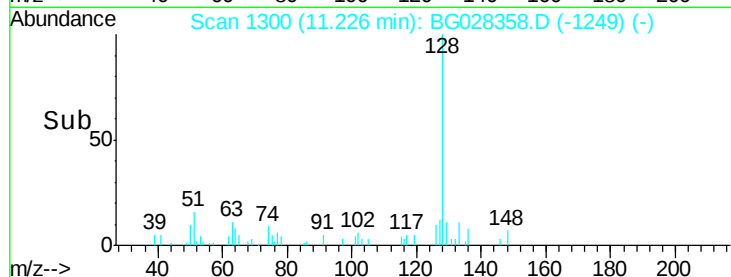
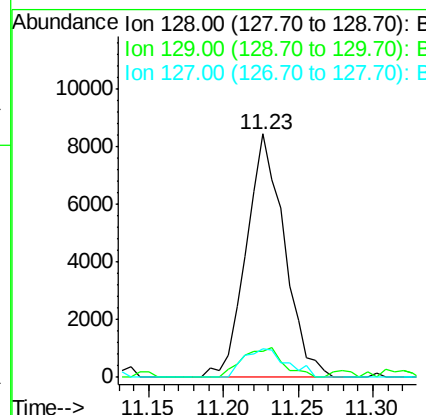
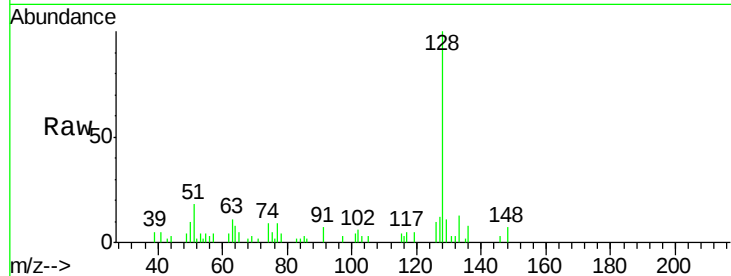
#28
Naphthalene
Concen: 1.611 ng/ul
RT: 11.23 min Scan# 1300
Delta R.T. -0.00 min
Lab File: BG028358.D
Acq: 16 Aug 2017 00:38

Instrument :
BNA_G
ClientSampleId :
C0AG3

Tgt Ion	Ratio	Lower	Upper
128	100		
129	10.6	9.4	14.2
127	11.8	10.3	15.5

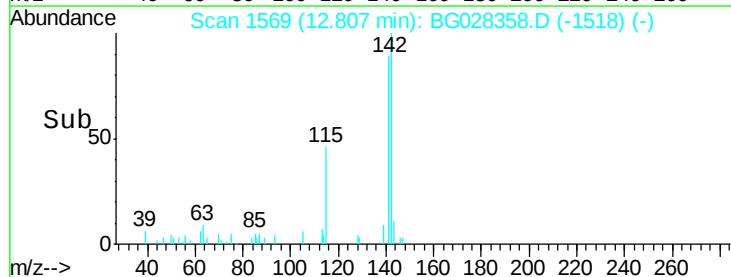
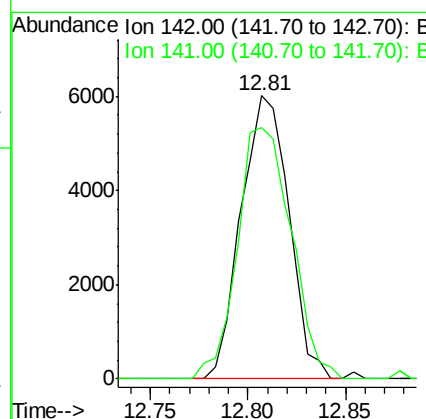
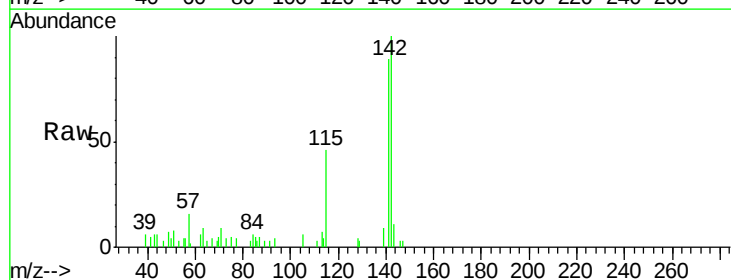
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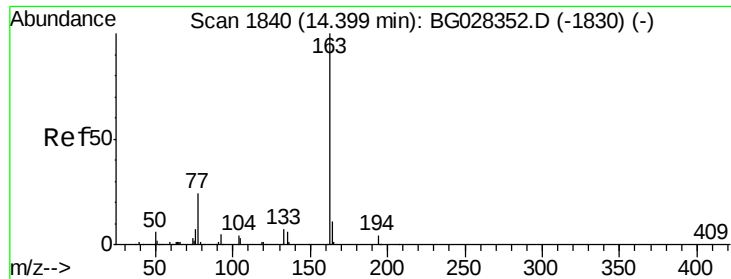
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#34
2-Methylnaphthalene
Concen: 1.373 ng/ul
RT: 12.81 min Scan# 1569
Delta R.T. -0.00 min
Lab File: BG028358.D
Acq: 16 Aug 2017 00:38

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.0	68.6	102.8





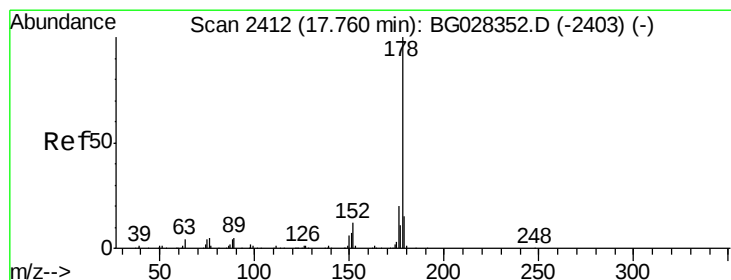
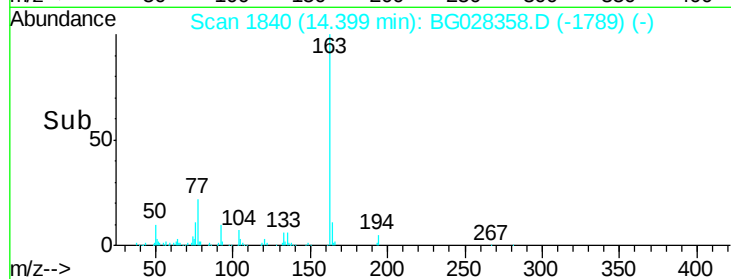
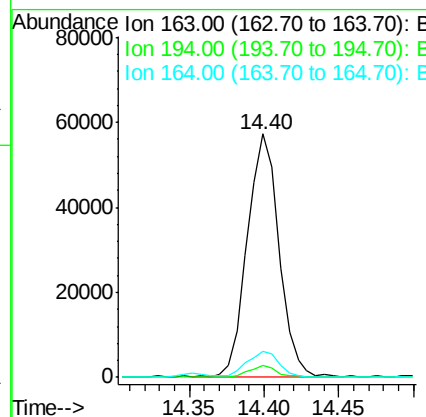
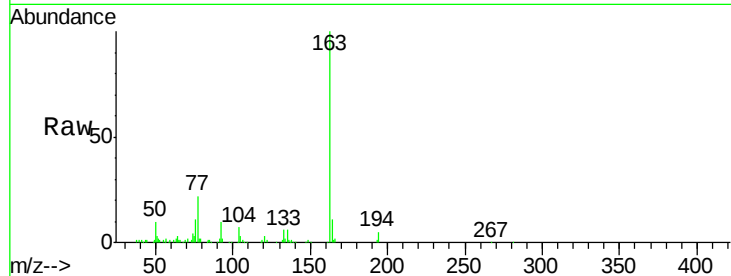
#44
Dimethylphthalate
Concen: 7.676 ng/ul
RT: 14.40 min Scan# 1840
Delta R.T. -0.00 min
Lab File: BG028358.D
Acq: 16 Aug 2017 00:38

Instrument :
BNA_G
ClientSampleId :
C0AG3

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	84430		
194	4.7		3.4	5.0
164	10.8		9.0	13.4

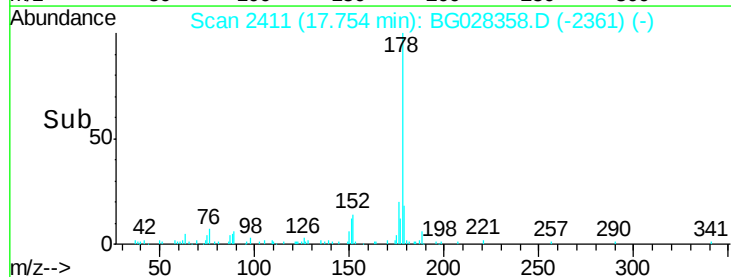
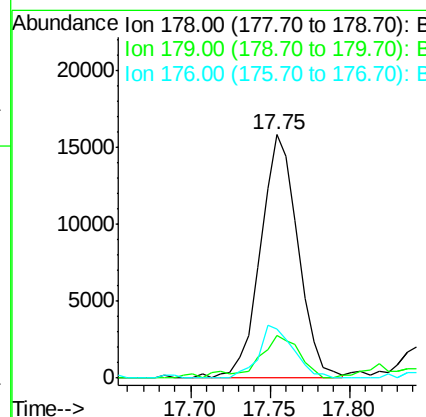
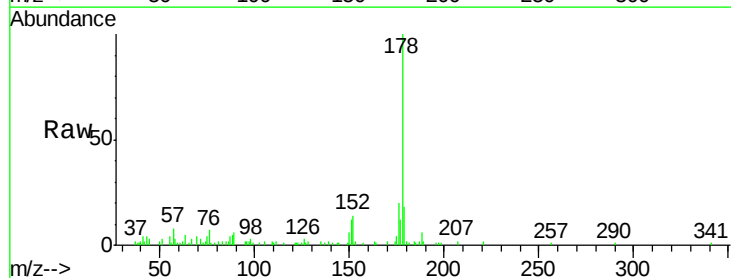
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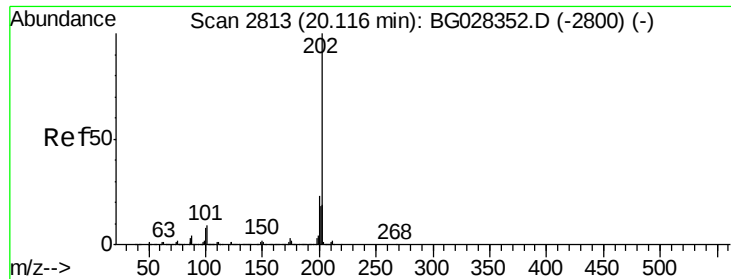
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#69
Phenanthrene
Concen: 1.579 ng/ul
RT: 17.75 min Scan# 2411
Delta R.T. -0.01 min
Lab File: BG028358.D
Acq: 16 Aug 2017 00:38

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	26097		
179	17.6		12.4	18.6
176	20.2		16.5	24.7





#77

Pyrene

Concen: 2.899 ng/ul

RT: 20.12 min Scan# 2813

Delta R.T. -0.00 min

Lab File: BG028358.D

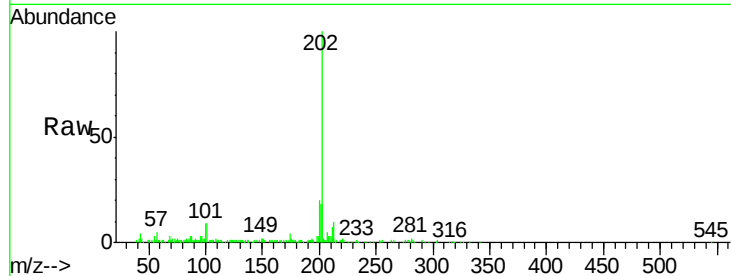
Acq: 16 Aug 2017 00:38

Instrument :

BNA_G

ClientSampled :

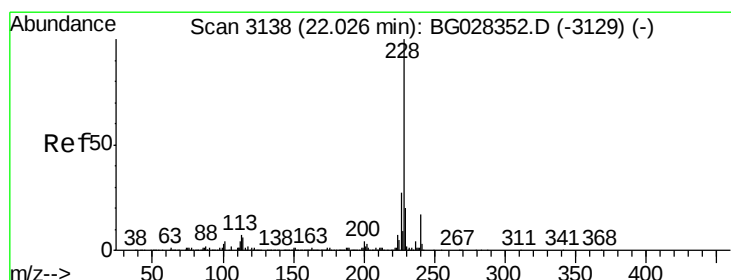
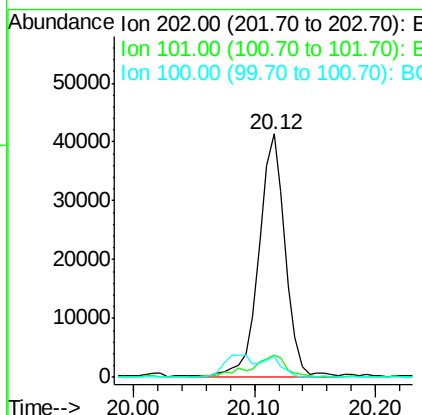
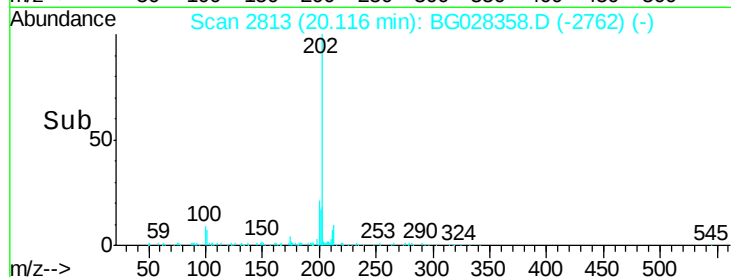
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Tgt Ion	Ratio	Resp	Lower	Upper
202	100	62517		
101	9.3	6.9	10.3	
100	8.6	6.6	10.0	

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#80

Benzo(a)anthracene

Concen: 2.134 ng/ul

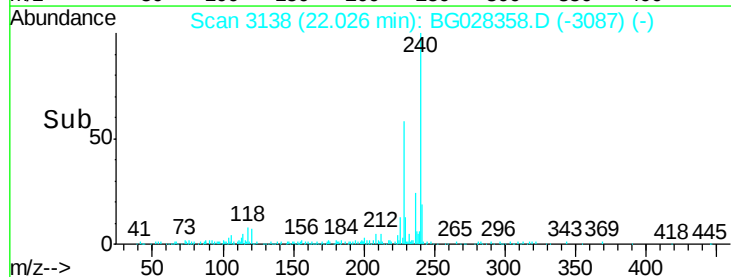
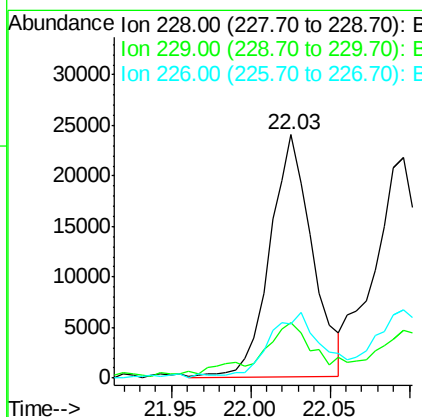
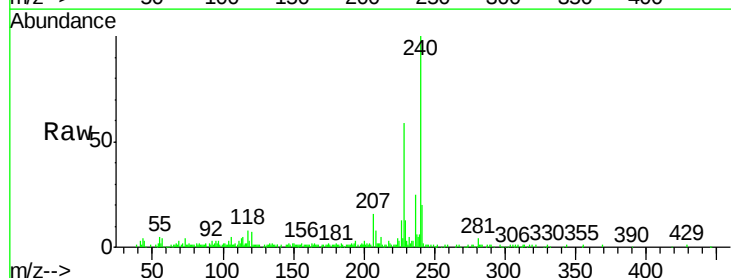
RT: 22.03 min Scan# 3138

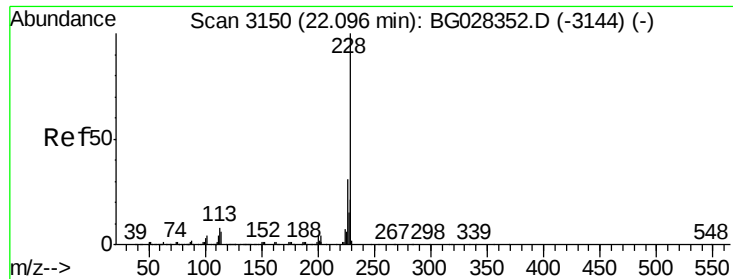
Delta R.T. -0.00 min

Lab File: BG028358.D

Acq: 16 Aug 2017 00:38

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	44560		
229	22.7	16.3	24.5	
226	22.5	21.9	32.9	





#82

Chrysene

Concen: 2.474 ng/ul

RT: 22.10 min Scan# 3150

Delta R.T. -0.00 min

Lab File: BG028358.D

Acq: 16 Aug 2017 00:38

Instrument :

BNA_G

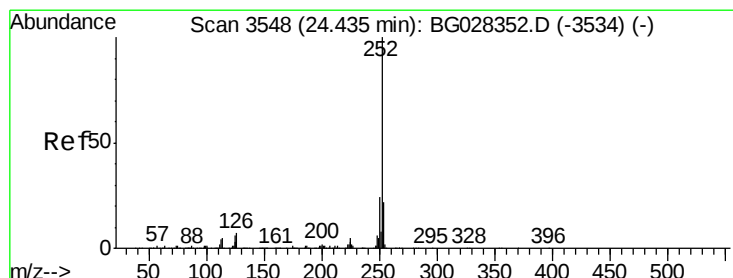
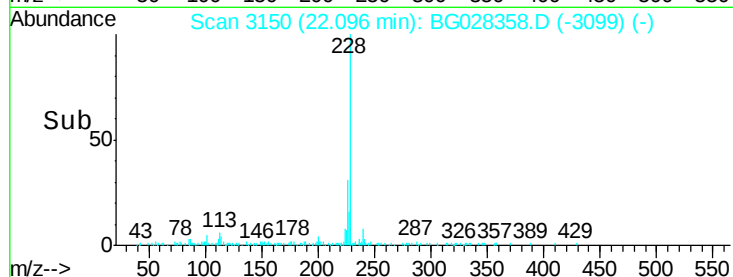
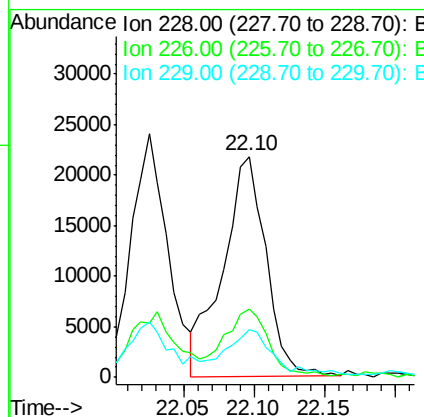
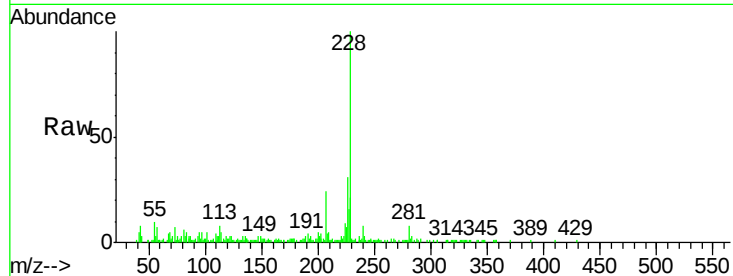
ClientSampleId :

C0AG3

Tgt Ion:	228	Resp:	46526
Ion Ratio	Lower	Upper	
228	100		
226	30.8	24.0	36.0
229	21.4	16.9	25.3

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#85

Benzo(b)fluoranthene

Concen: 3.347 ng/ul

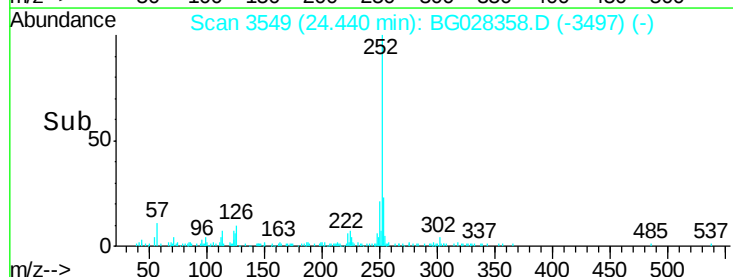
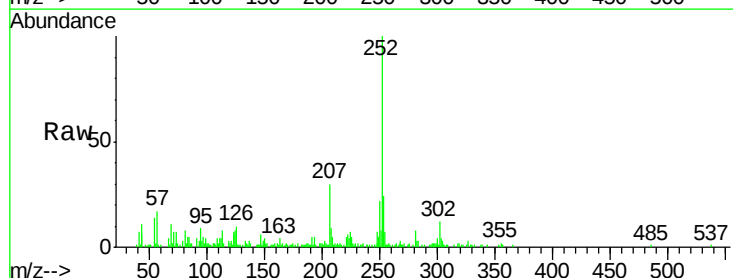
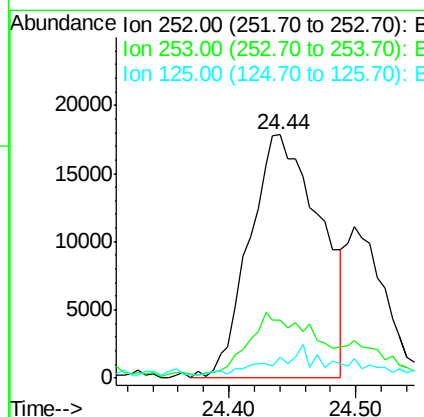
RT: 24.44 min Scan# 3549

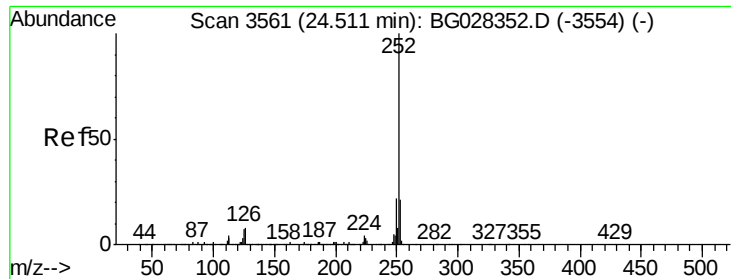
Delta R.T. 0.01 min

Lab File: BG028358.D

Acq: 16 Aug 2017 00:38

Tgt Ion:	252	Resp:	68876
Ion Ratio	Lower	Upper	
252	100		
253	23.6	17.7	26.5
125	8.4	4.0	6.0#





#86

Benzo(k)fluoranthene

Concen: 1.155 ng/ul

RT: 24.50 min Scan# 3559

Delta R.T. -0.01 min

Lab File: BG028358.D

Acq: 16 Aug 2017 00:38

Instrument :

BNA_G

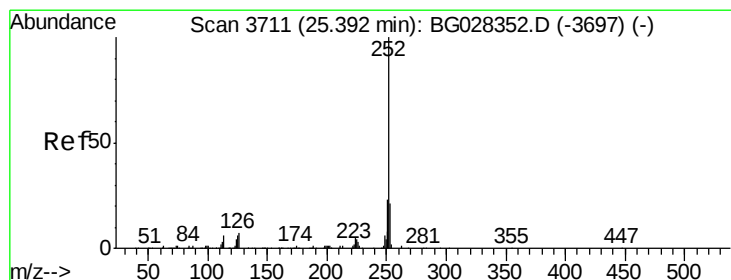
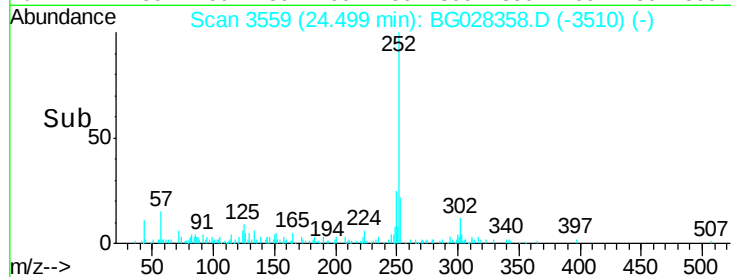
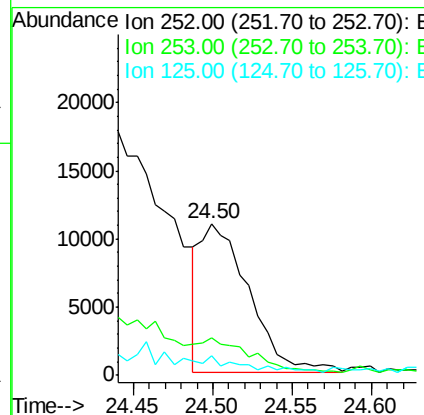
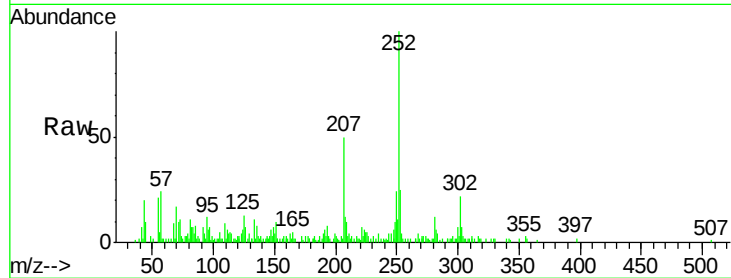
ClientSampleId :

C0AG3

Tgt Ion:	252	Resp:	23219
Ion Ratio	Lower	Upper	
252	100		
253	24.6	18.5	27.7
125	12.6	4.1	6.1#

Manual Integrations
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#88

Benzo(a)pyrene

Concen: 2.304 ng/ul

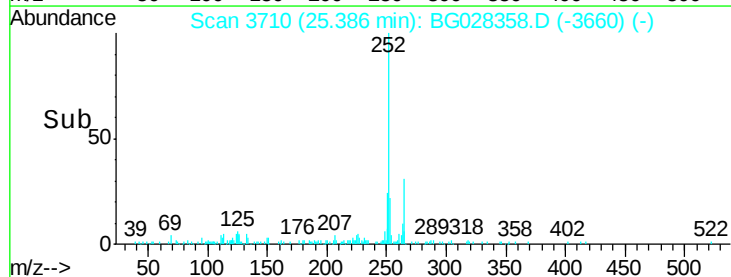
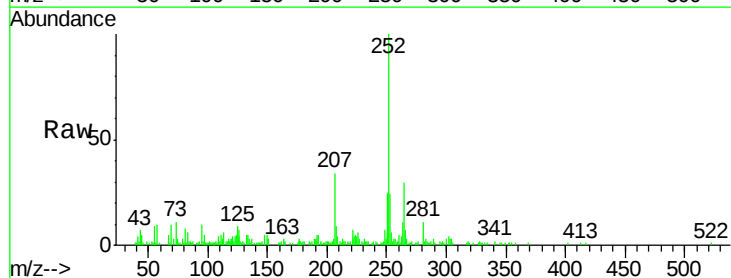
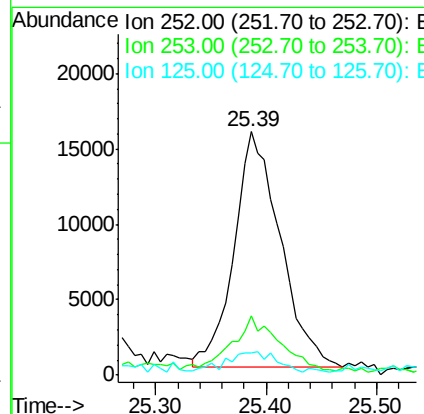
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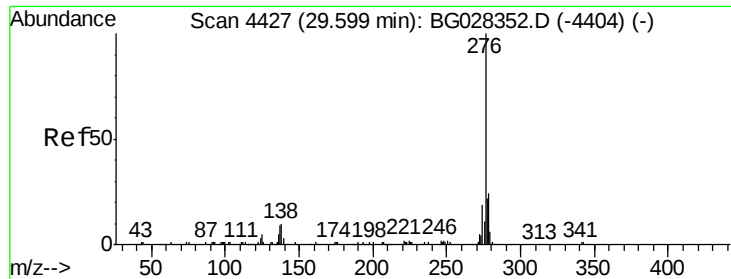
Delta R.T. -0.01 min

Lab File: BG028358.D

Acq: 16 Aug 2017 00:38

Tgt Ion:	252	Resp:	45907
Ion Ratio	Lower	Upper	
252	100		
253	24.3	17.8	26.6
125	9.1	5.4	8.0#





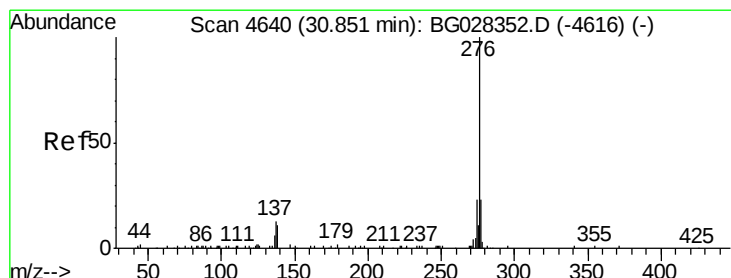
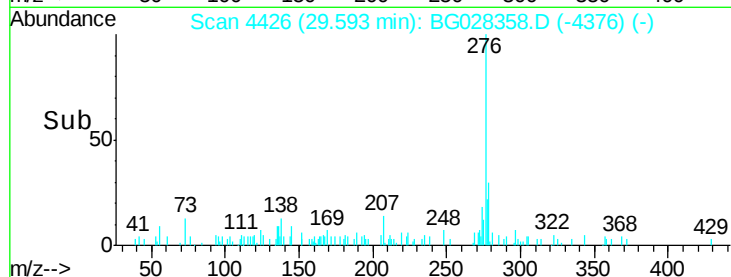
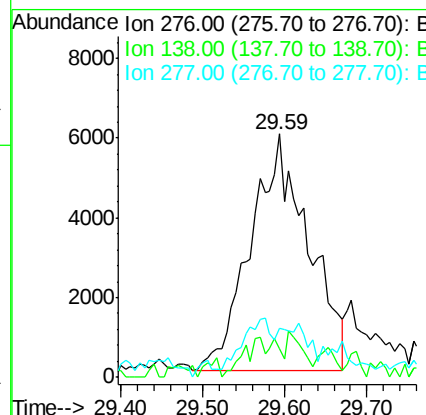
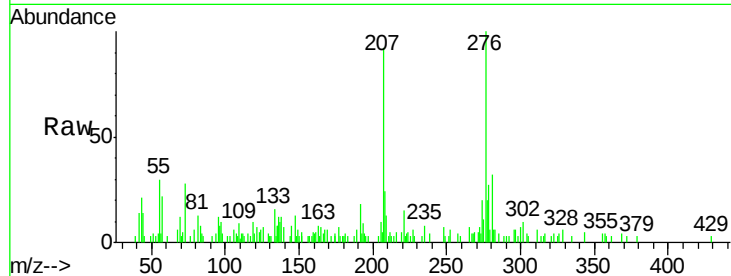
#89
 Indeno(1,2,3-cd)pyrene
 Concen: 1.247 ng/ul
 RT: 29.59 min Scan# 4426
 Delta R.T. -0.01 min
 Lab File: BG028358.D
 Acq: 16 Aug 2017 00:38

Instrument :
 BNA_G
 ClientSampleId :
 C0AG3

Tgt Ion	Ratio	Lower	Upper
276	100		
138	12.0	8.2	12.4
277	20.0	18.6	28.0

Manual Integrations
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#91
 Benzo(g,h,i)perylene
 Concen: 1.476 ng/ul m
 RT: 30.87 min Scan# 4643
 Delta R.T. 0.02 min
 Lab File: BG028358.D
 Acq: 16 Aug 2017 00:38

Tgt Ion	Ratio	Lower	Upper
276	100		
138	7.4	8.6	12.8#
277	28.9	17.6	26.4#

