

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081517\
 Data File : BG028363.D
 Acq On : 16 Aug 2017 3:57
 Operator : SJ/JU
 Sample : I4672-10
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AJ0

Manual Integrations
 APPROVED

Sohil
 8/16/2017 6:40:32 PM

Quant Time: Aug 16 09:14:35 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	52118	20.00	ng/ul	0.00
18) Naphthalene-d8	11.18	136	224598	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.97	164	147151	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.71	188	332619	20.00	ng/ul	0.00
75) Chrysene-d12	22.05	240	362031	20.00	ng/ul	0.00
83) Perylene-d12	25.57	264	355041	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.85	96	3950	3.53	ng/uL	0.00
5) Phenol-d5	7.51	99	122107	21.33	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.67	67	76075	20.99	ng/ul	0.00
9) 2-Chlorophenol-d4	7.89	132	89270	24.72	ng/ul	0.00
13) 4-Methylphenol-d8	9.06	113	99768	20.85	ng/ul	0.00
19) Nitrobenzene-d5	9.53	128	47432	27.01	ng/ul	0.00
22) 2-Nitrophenol-d4	10.25	143	55038	28.58	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.80	165	107776	27.05	ng/ul	0.00
29) 4-Chloroaniline-d4	11.31	131	73853	16.65	ng/ul	0.00
43) Dimethylphthalate-d6	14.35	166	360790	27.57	ng/ul	0.00
46) Acenaphthylene-d8	14.66	160	412353	27.94	ng/ul	0.00
51) 4-Nitrophenol-d4	15.17	143	44476	21.37	ng/ul	0.00
57) Fluorene-d10	15.96	176	309008	26.32	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.07	200	57891	26.79	ng/ul	0.00
70) Anthracene-d10	17.81	188	482482	30.25	ng/ul	0.00
76) Pyrene-d10	20.09	212	558483	30.08	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.33	264	516770	31.09	ng/ul	0.01

Target Compounds

					Qvalue	
6) Phenol	7.54	94	6607	1.161	ng/ul#	84
44) Dimethylphthalate	14.40	163	113541	9.422	ng/ul	99
69) Phenanthrene	17.75	178	64772	3.869	ng/ul	95
74) Fluoranthene	19.75	202	144546	7.105	ng/ul	99
77) Pyrene	20.12	202	127672	5.911	ng/ul	98
80) Benzo(a)anthracene	22.03	228	85009	4.064	ng/ul	99
82) Chrysene	22.10	228	79375	4.213	ng/ul	95
85) Benzo(b)fluoranthene	24.44	252	123426	5.809	ng/ul#	96
86) Benzo(k)fluoranthene	24.50	252	40416m	1.947	ng/ul	
88) Benzo(a)pyrene	25.40	252	87065	4.232	ng/ul	96
89) Indeno(1,2,3-cd)pyrene	29.60	276	56255	2.335	ng/ul#	90
91) Benzo(g,h,i)perylene	30.88	276	45359	2.289	ng/ul#	85

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

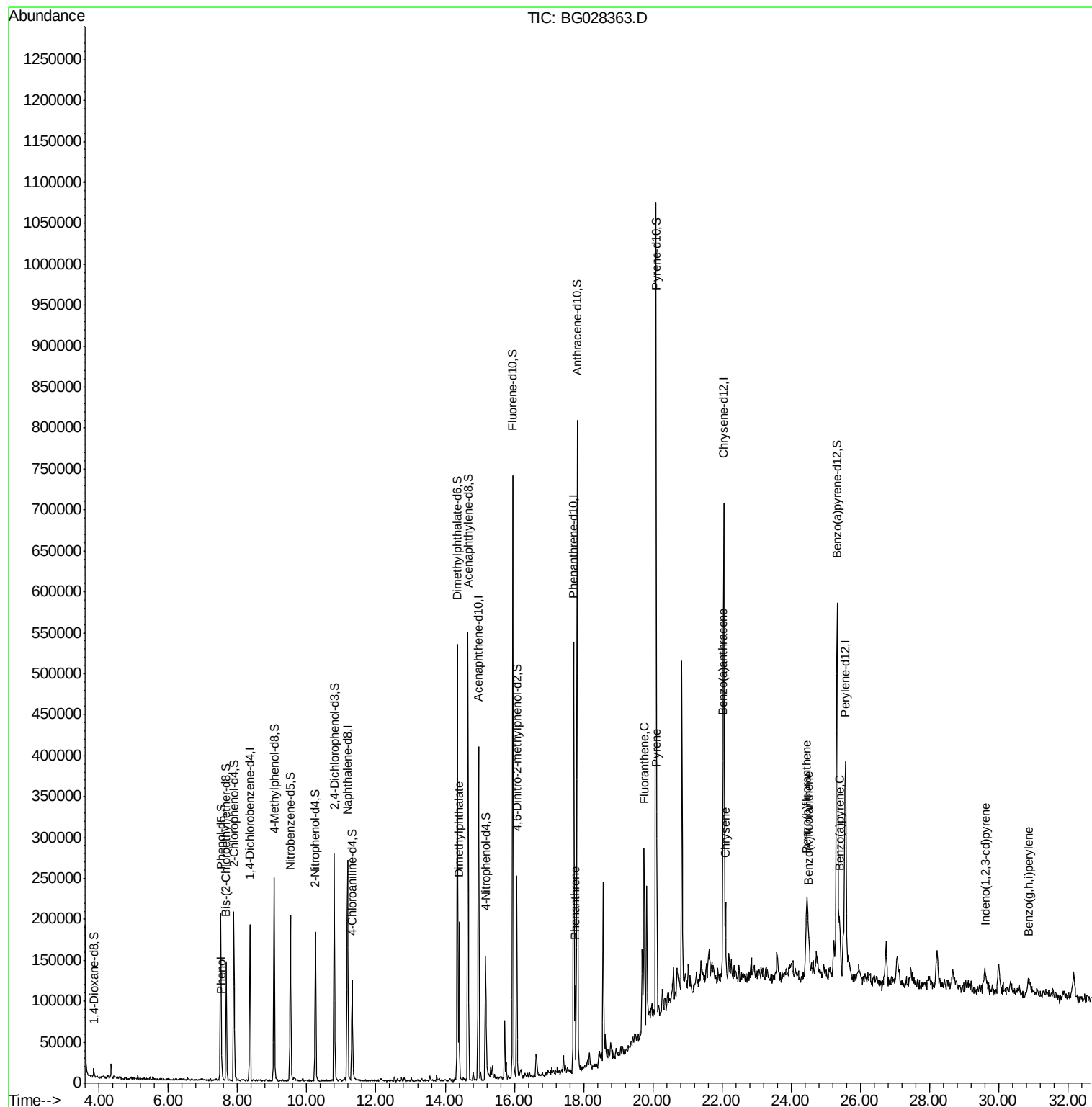
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081517\
Data File : BG028363.D
Acq On : 16 Aug 2017 3:57
Operator : SJ/JU
Sample : I4672-10
Misc :
ALS Vial : 25 Sample Multiplier: 1

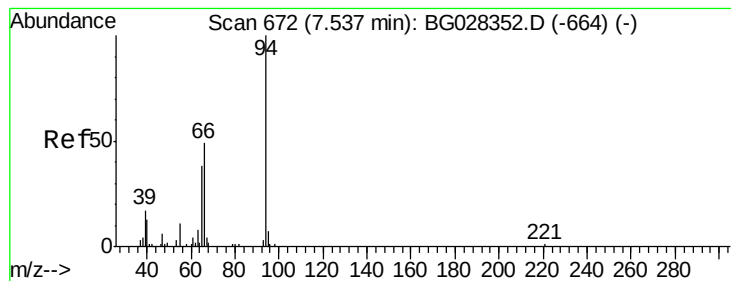
Instrument :
BNA_G
ClientSampleId :
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Quant Time: Aug 16 09:14:35 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 16 04:06:35 2017
Response via : Initial Calibration





#6

Phenol

Concen: 1.161 ng/ul

RT: 7.54 min Scan# 673

Delta R.T. 0.01 min

Lab File: BG028363.D

Acq: 16 Aug 2017 3:57

Instrument :

BNA_G

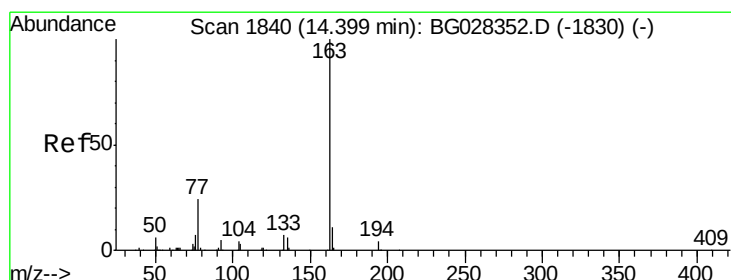
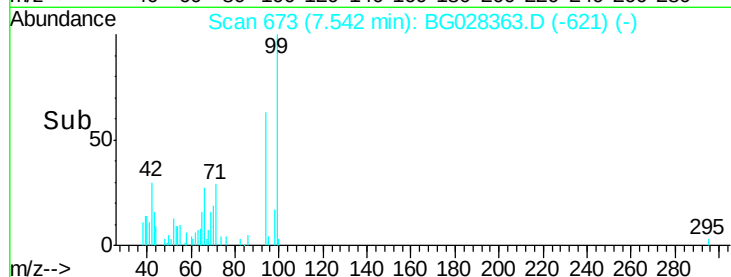
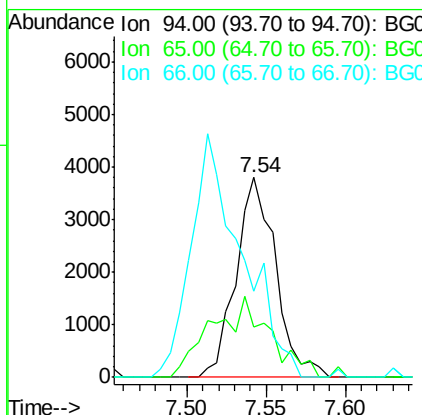
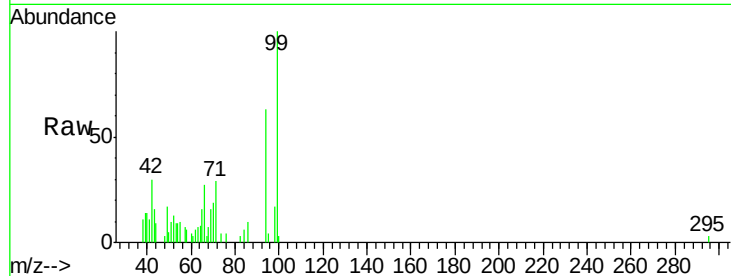
ClientSampleId :

C0AJ0

Tgt Ion:	94	Resp:	6607
Ion Ratio	Lower	Upper	
94	100		
65	25.4	26.8	40.2#
66	43.3	44.4	66.6#

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#44

Dimethylphthalate

Concen: 9.422 ng/ul

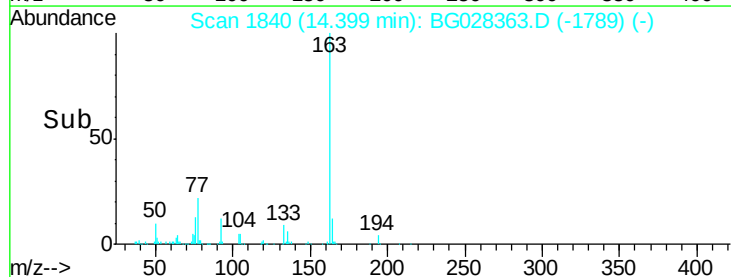
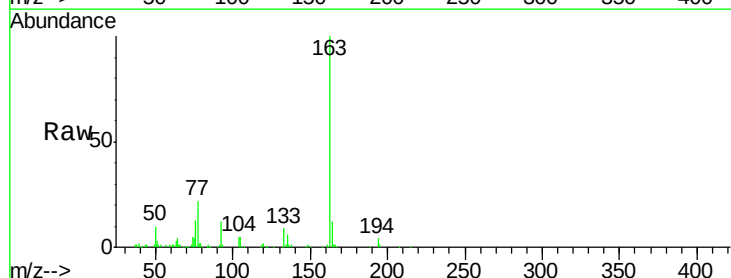
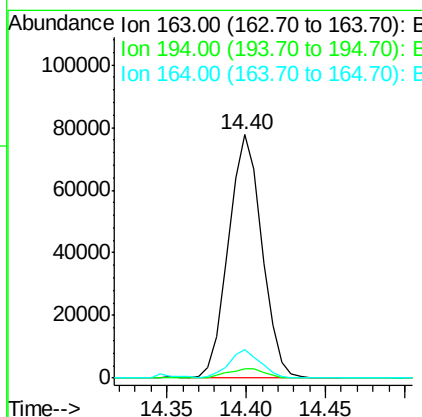
RT: 14.40 min Scan# 1840

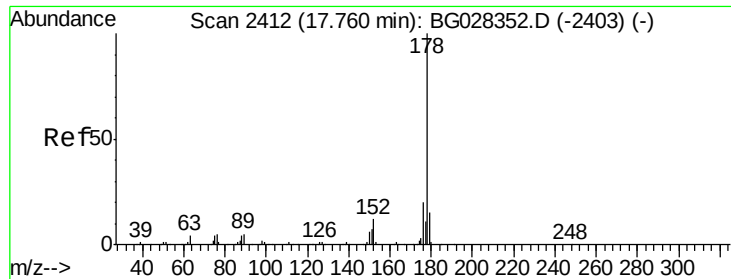
Delta R.T. -0.00 min

Lab File: BG028363.D

Acq: 16 Aug 2017 3:57

Tgt Ion:	163	Resp:	113541
Ion Ratio	Lower	Upper	
163	100		
194	3.9	3.4	5.0
164	11.7	9.0	13.4





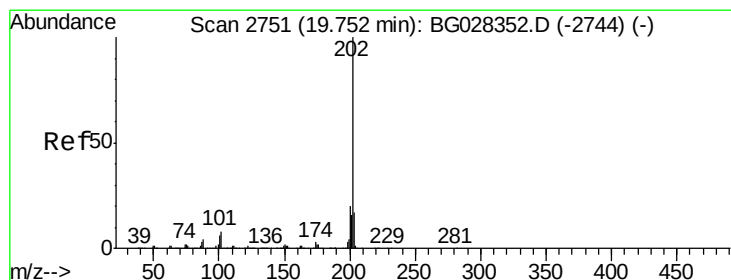
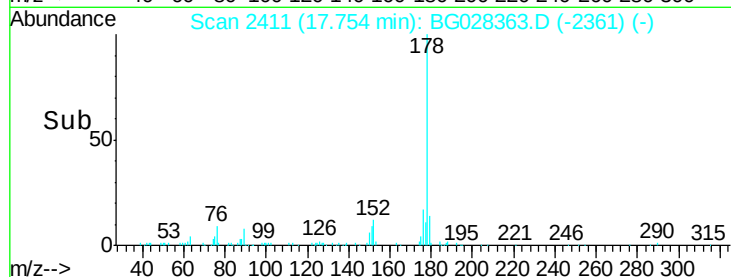
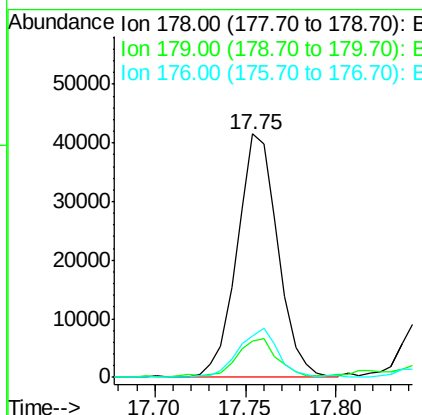
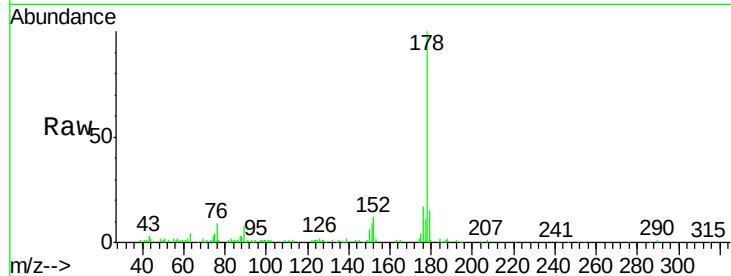
#69
 Phenanthrene
 Concen: 3.869 ng/ul
 RT: 17.75 min Scan# 2411
 Delta R.T. -0.01 min
 Lab File: BG028363.D
 Acq: 16 Aug 2017 3:57

Instrument :
 BNA_G
 ClientSampleId :
 C0AJ0

Tgt Ion	Ratio	Lower	Upper
178	100		
179	14.9	12.4	18.6
176	17.0	16.5	24.7

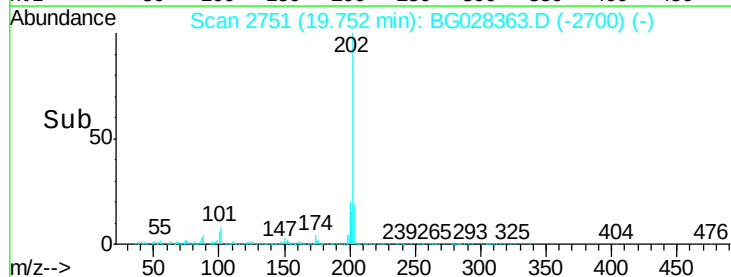
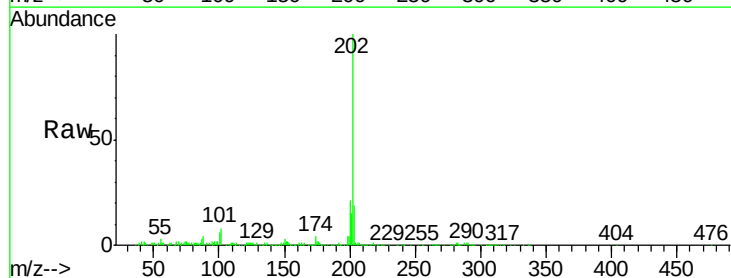
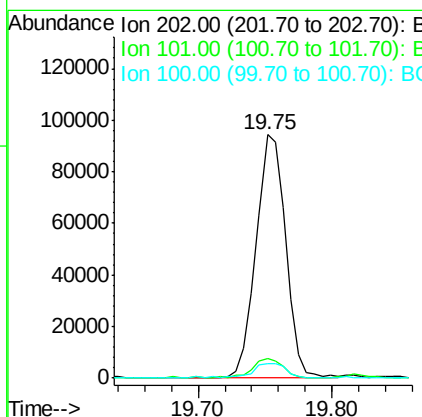
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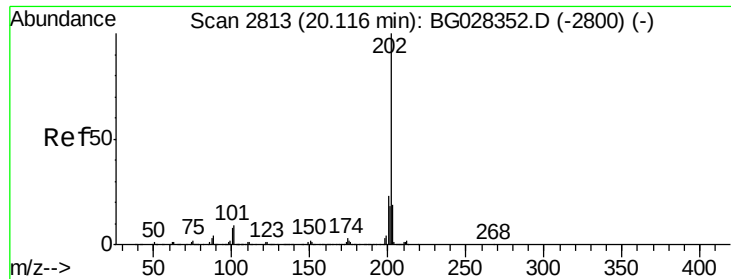
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#74
 Fluoranthene
 Concen: 7.105 ng/ul
 RT: 19.75 min Scan# 2751
 Delta R.T. -0.00 min
 Lab File: BG028363.D
 Acq: 16 Aug 2017 3:57

Tgt Ion	Ratio	Lower	Upper
202	100		
101	7.9	6.2	9.2
100	5.9	5.2	7.8





#77

Pyrene

Concen: 5.911 ng/ul

RT: 20.12 min Scan# 2813

Delta R.T. -0.00 min

Lab File: BG028363.D

Acq: 16 Aug 2017 3:57

Instrument :

BNA_G

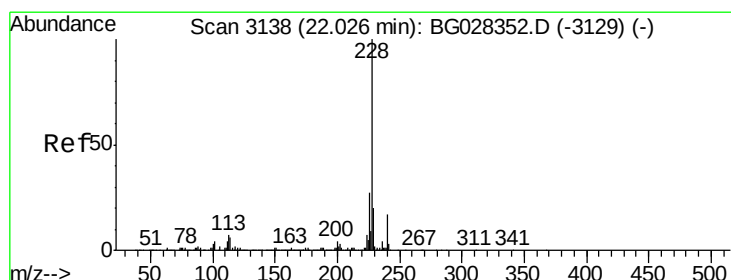
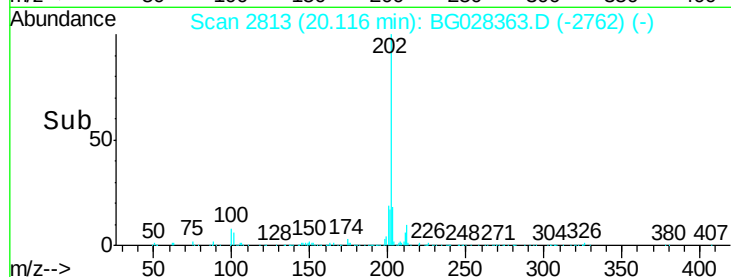
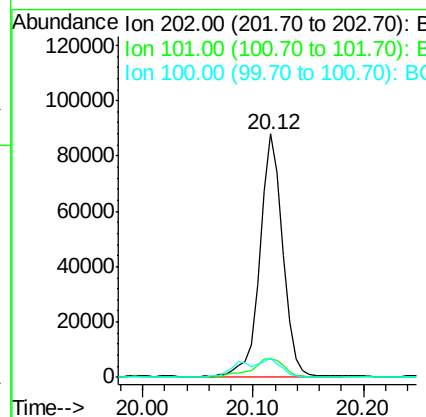
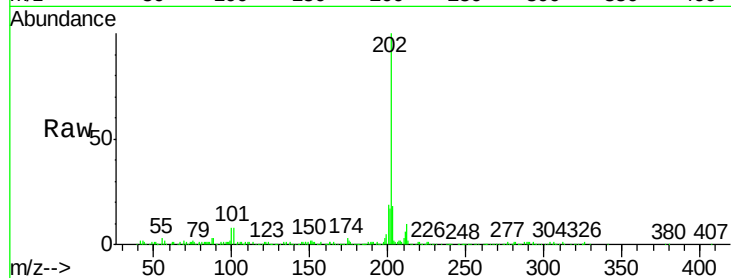
ClientSampleId :

C0AJ0

Tgt Ion:	202	Resp:	127672
Ion Ratio	Lower	Upper	
202	100		
101	7.7	6.9	10.3
100	8.1	6.6	10.0

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#80

Benzo(a)anthracene

Concen: 4.064 ng/ul

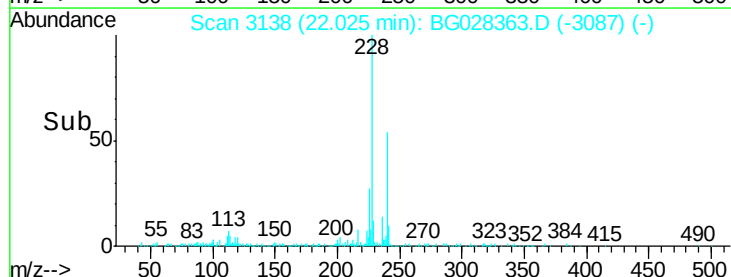
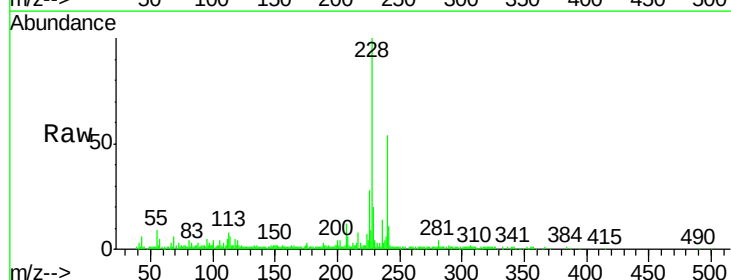
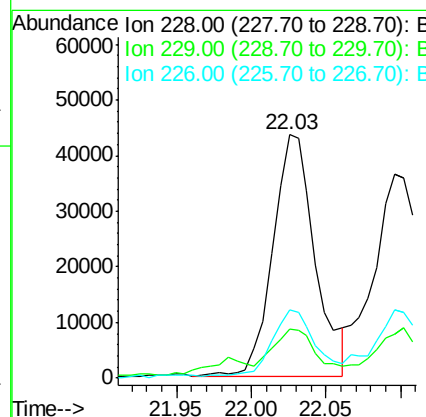
RT: 22.03 min Scan# 3138

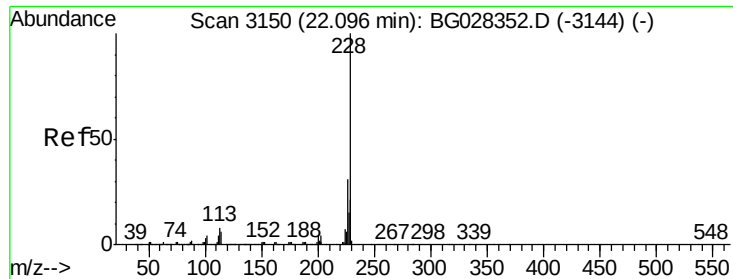
Delta R.T. -0.00 min

Lab File: BG028363.D

Acq: 16 Aug 2017 3:57

Tgt Ion:	228	Resp:	85009
Ion Ratio	Lower	Upper	
228	100		
229	20.0	16.3	24.5
226	28.1	21.9	32.9





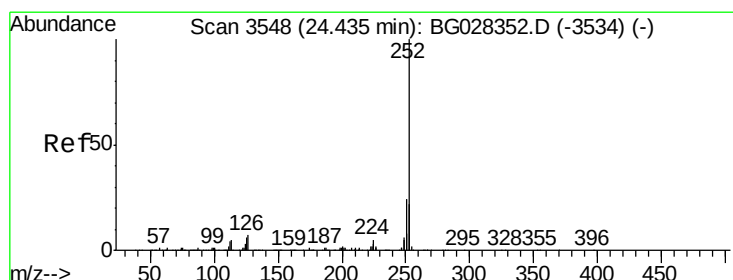
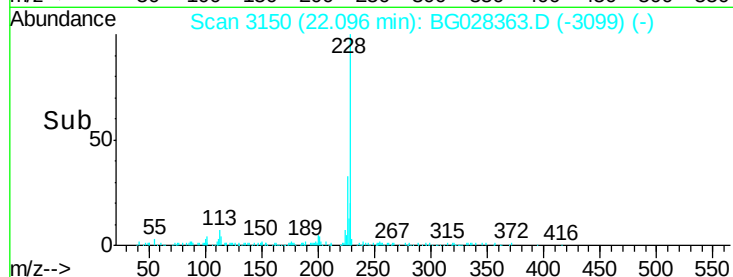
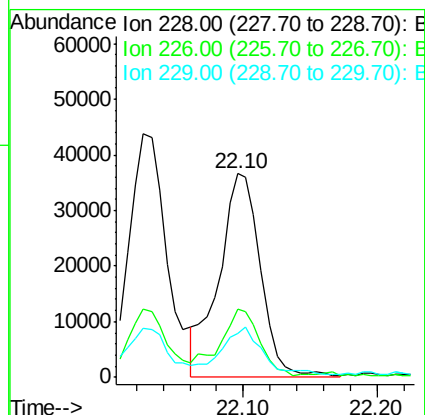
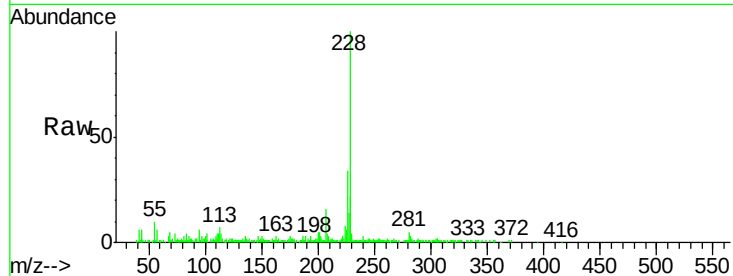
#82
Chrysene
Concen: 4.213 ng/ul
RT: 22.10 min Scan# 3150
Delta R.T. -0.00 min
Lab File: BG028363.D
Acq: 16 Aug 2017 3:57

Instrument :
BNA_G
ClientSampleId :
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Tgt Ion	Ratio	Resp	Lower	Upper
228	100	79375		
226	33.7		24.0	36.0
229	21.8		16.9	25.3

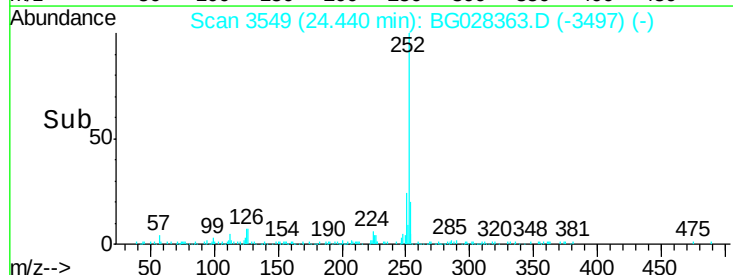
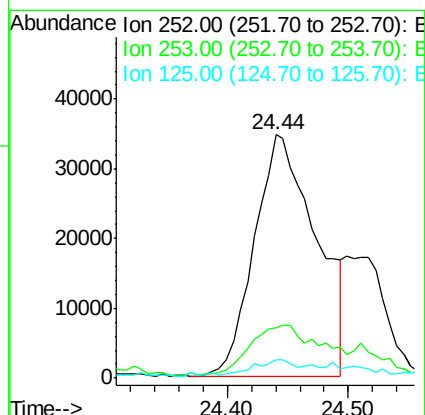
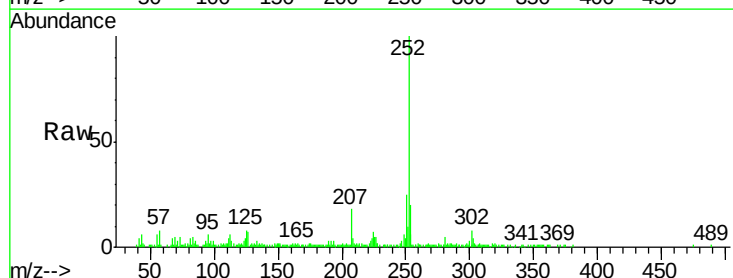
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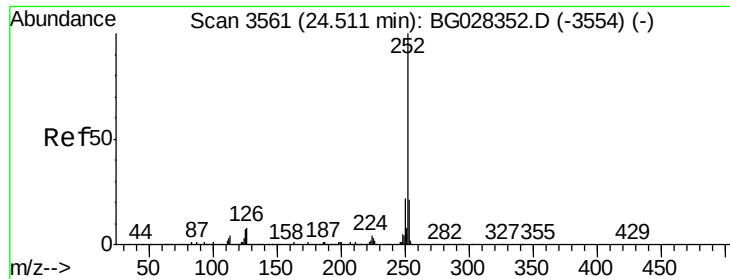
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#85
Benzo(b)fluoranthene
Concen: 5.809 ng/ul
RT: 24.44 min Scan# 3549
Delta R.T. 0.01 min
Lab File: BG028363.D
Acq: 16 Aug 2017 3:57

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	123426		
253	20.5		17.7	26.5
125	7.6		4.0	6.0#





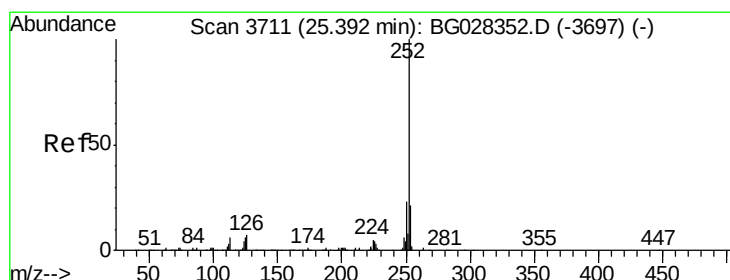
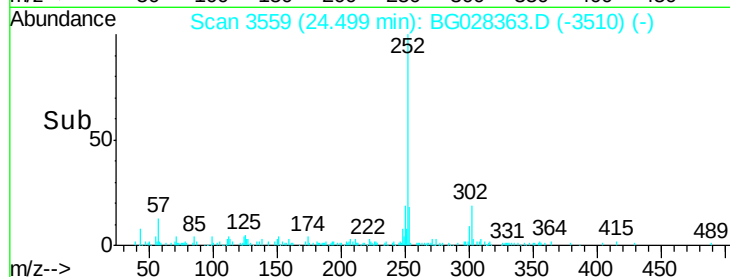
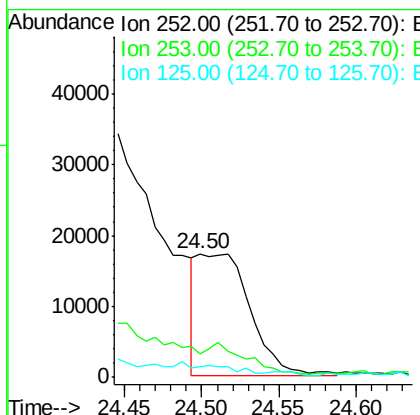
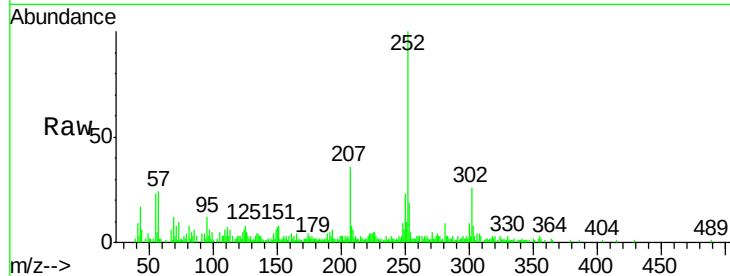
#86
Benzo(k)fluoranthene
Concen: 1.947 ng/ul m
RT: 24.50 min Scan# 3559
Delta R.T. -0.01 min
Lab File: BG028363.D
Acq: 16 Aug 2017 3:57

Instrument :
BNA_G
ClientSampled :
C0AJ0

Tgt Ion	Ratio	Lower	Upper
252	100		
253	19.2	18.5	27.7
125	8.2	4.1	6.1#

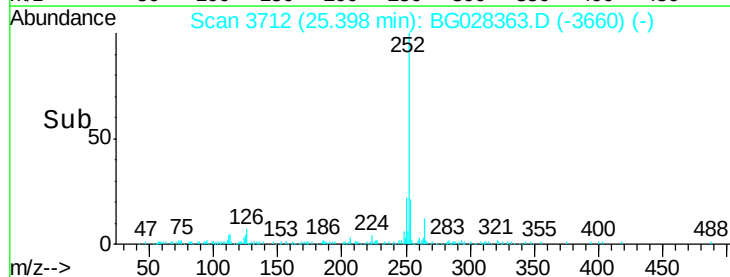
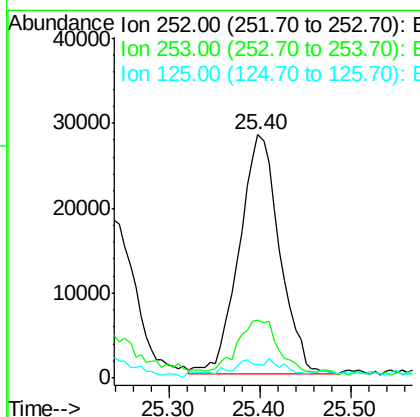
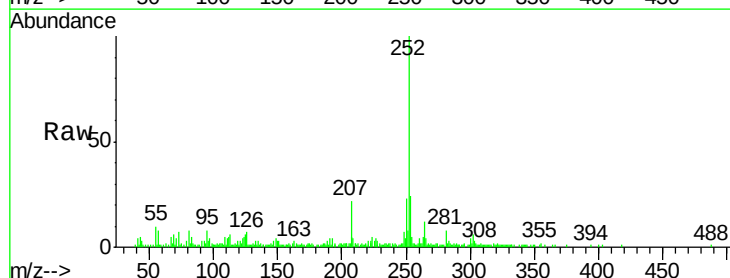
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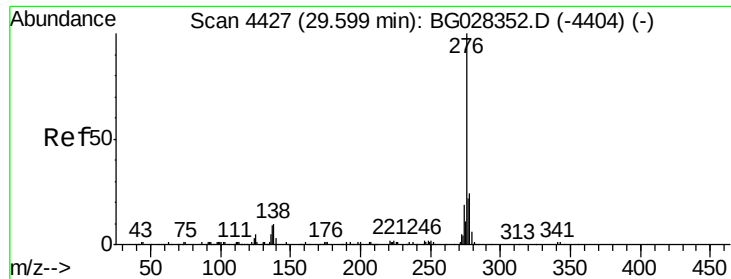
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#88
Benzo(a)pyrene
Concen: 4.232 ng/ul
RT: 25.40 min Scan# 3712
Delta R.T. 0.01 min
Lab File: BG028363.D
Acq: 16 Aug 2017 3:57

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.8	26.6
125	5.7	5.4	8.0





#89

Indeno(1,2,3-cd)pyrene

Concen: 2.335 ng/ul

RT: 29.60 min Scan# 4428

Delta R.T. 0.01 min

Lab File: BG028363.D

Acq: 16 Aug 2017 3:57

Instrument :

BNA_G

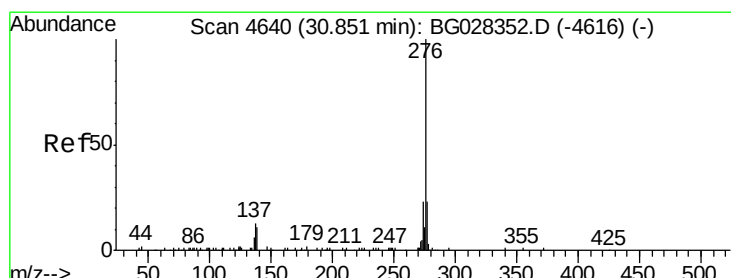
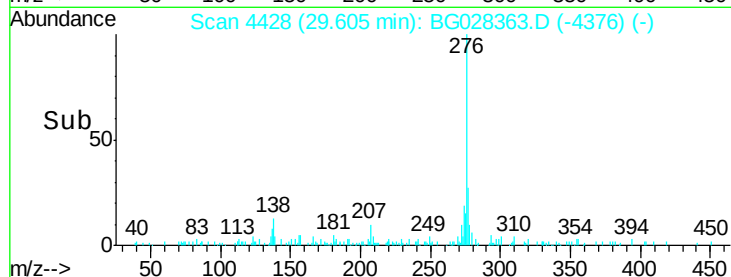
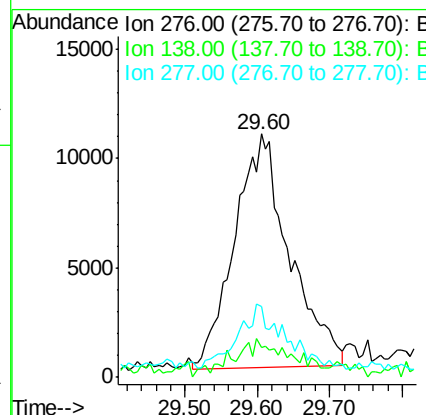
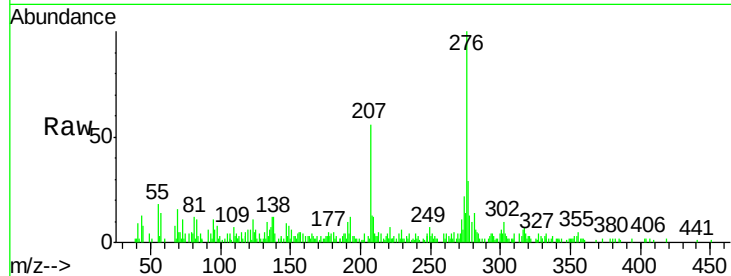
ClientSampleId :

C0AJ0

Tgt Ion:	276	Resp:	56255
Ion Ratio	Lower	Upper	
276	100		
138	12.3	8.2	12.4
277	28.9	18.6	28.0#

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#91

Benzo(g,h,i)perylene

Concen: 2.289 ng/ul

RT: 30.88 min Scan# 4645

Delta R.T. 0.03 min

Lab File: BG028363.D

Acq: 16 Aug 2017 3:57

Tgt Ion:	276	Resp:	45359
Ion Ratio	Lower	Upper	
276	100		
138	17.4	8.6	12.8#
277	28.5	17.6	26.4#

