

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082317\
 Data File : BG028452.D
 Acq On : 23 Aug 2017 16:04
 Operator : SJ/JU
 Sample : I4827-18
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampled :
 B0AF8

Manual Integrations
 APPROVED

Sohil
 8/24/2017 4:38:37 PM

Quant Time: Aug 24 04:34:23 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Aug 24 01:29:02 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.35	152	51301	20.00	ng/ul	0.00
18) Naphthalene-d8	11.17	136	213097	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.96	164	133148	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.71	188	294971	20.00	ng/ul	0.00
75) Chrysene-d12	22.04	240	337364	20.00	ng/ul	0.00
83) Perylene-d12	25.56	264	313008	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.83	96	3862	3.51	ng/uL	0.00
5) Phenol-d5	7.50	99	109947	19.51	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.66	67	69196	19.39	ng/ul	0.00
9) 2-Chlorophenol-d4	7.88	132	79323	22.32	ng/ul	0.00
13) 4-Methylphenol-d8	9.05	113	85301	18.11	ng/ul	0.00
19) Nitrobenzene-d5	9.52	128	43652	26.20	ng/ul	0.00
22) 2-Nitrophenol-d4	10.25	143	52598	28.79	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.79	165	96333	25.48	ng/ul	0.00
29) 4-Chloroaniline-d4	11.30	131	89034	21.16	ng/ul	0.00
43) Dimethylphthalate-d6	14.35	166	299657	25.30	ng/ul	0.00
46) Acenaphthylene-d8	14.65	160	350470	26.25	ng/ul	0.00
51) 4-Nitrophenol-d4	15.16	143	31473	16.71	ng/ul	0.01
57) Fluorene-d10	15.94	176	249215	23.46	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.07	200	24201	12.63	ng/ul	0.01
70) Anthracene-d10	17.81	188	371679	26.28	ng/ul	0.00
76) Pyrene-d10	20.08	212	442269	25.56	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.32	264	418491	28.56	ng/ul	0.02

Target Compounds

					Qvalue
6) Phenol	7.52	94	11634	2.078 ng/ul	91
44) Dimethylphthalate	14.39	163	87598	8.034 ng/ul	100
69) Phenanthrene	17.75	178	126026	8.490 ng/ul	98
71) Anthracene	17.84	178	17556	1.157 ng/ul	94
72) Carbazole	18.11	167	15732	1.192 ng/ul	97
74) Fluoranthene	19.75	202	277129	15.361 ng/ul	99
77) Pyrene	20.11	202	251170	12.479 ng/ul	99
80) Benzo(a)anthracene	22.02	228	162678	8.346 ng/ul	98
82) Chrysene	22.09	228	174930	9.965 ng/ul	96
85) Benzo(b)fluoranthene	24.44	252	235544	12.575 ng/ul	97
86) Benzo(k)fluoranthene	24.49	252	96259m	5.261 ng/ul	
88) Benzo(a)pyrene	25.39	252	163186	8.998 ng/ul	98
89) Indeno(1,2,3-cd)pyrene	29.60	276	76819	3.617 ng/ul	95
90) Dibenzo(a,h)anthracene	29.61	278	26319m	1.479 ng/ul	
91) Benzo(g,h,i)perylene	30.86	276	54903	3.142 ng/ul#	87

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

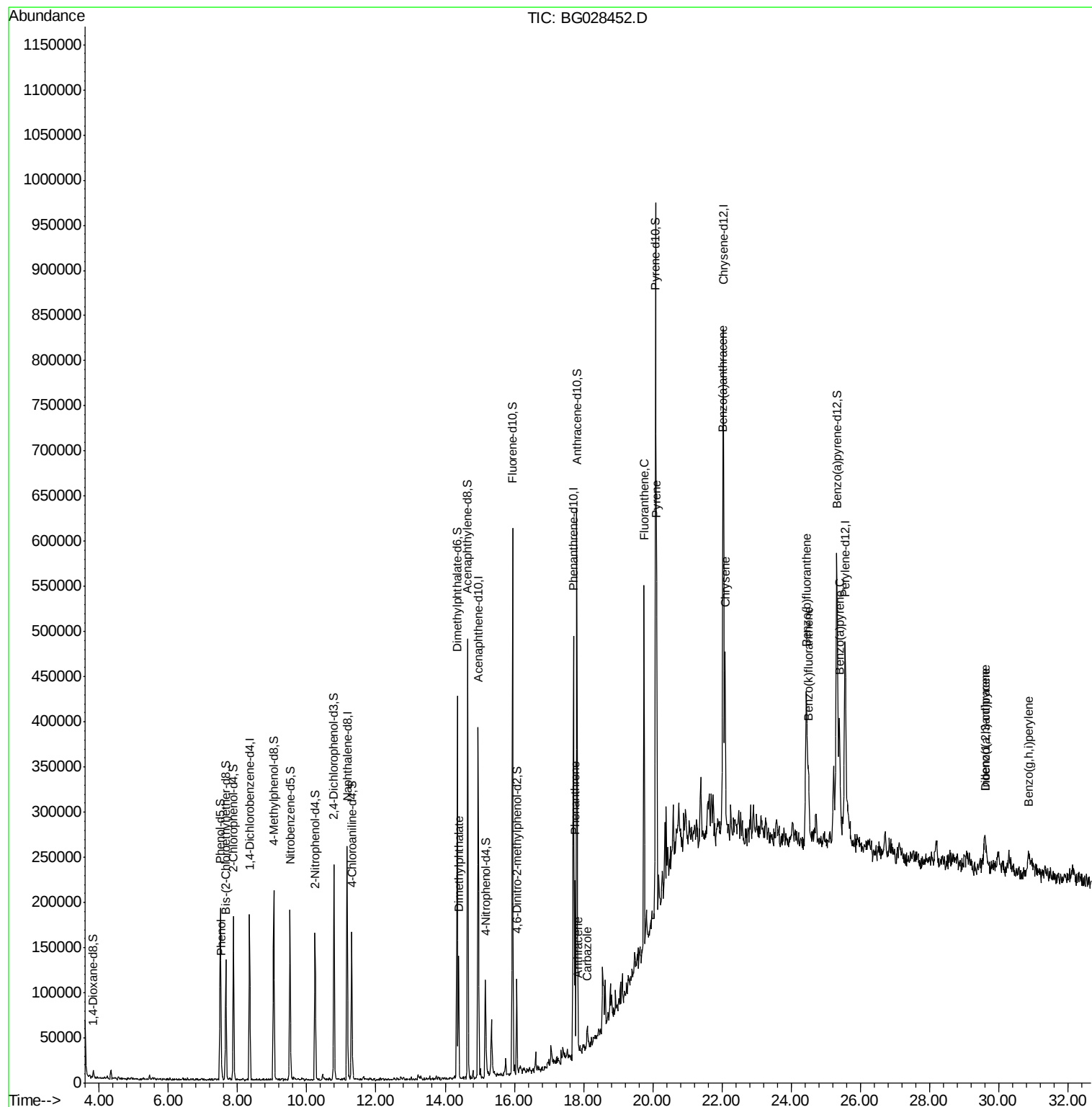
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082317\
Data File : BG028452.D
Acq On : 23 Aug 2017 16:04
Operator : SJ/JU
Sample : I4827-18
Misc :
ALS Vial : 10 Sample Multiplier: 1

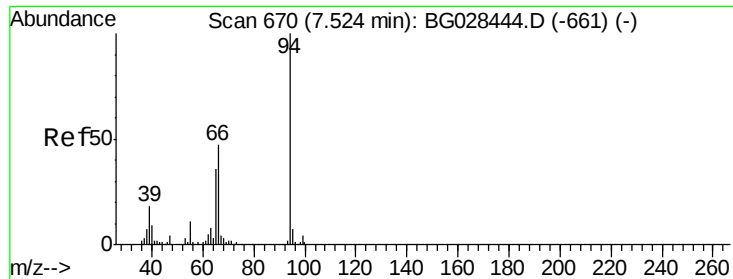
Instrument :
BNA_G
ClientSampled :
B0AF8

Manual Integrations
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Quant Time: Aug 24 04:34:23 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 24 01:29:02 2017
Response via : Initial Calibration





#6

Phenol

Concen: 2.078 ng/ul

RT: 7.52 min Scan# 670

Delta R.T. 0.00 min

Lab File: BG028452.D

Acq: 23 Aug 2017 16:04

Instrument :

BNA_G

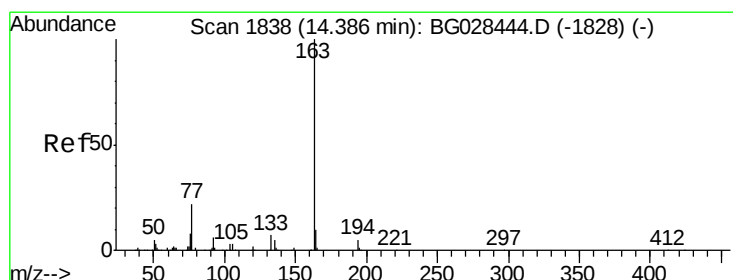
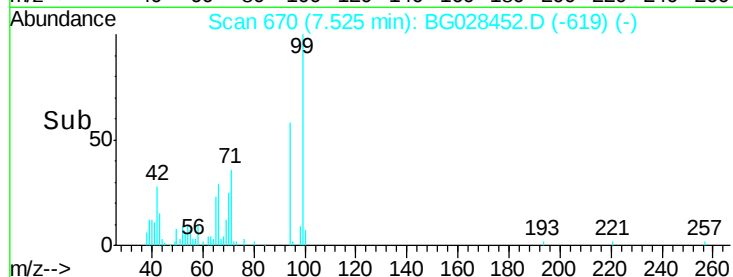
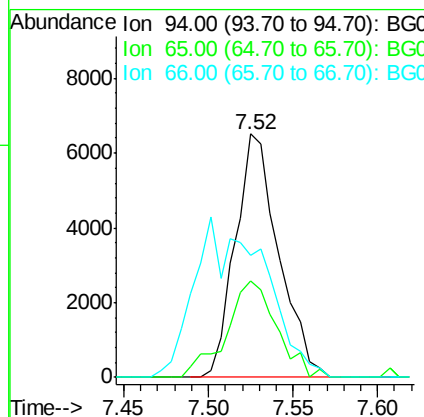
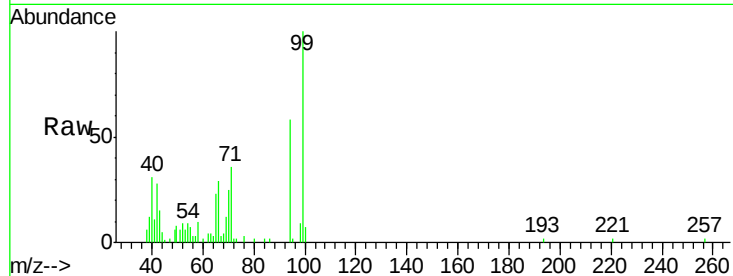
ClientSampleId :

B0AF8

Tgt Ion:	94	Resp:	11634
Ion Ratio	Lower	Upper	
94	100		
65	39.8	26.8	40.2
66	50.3	44.4	66.6

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#44

Dimethylphthalate

Concen: 8.034 ng/ul

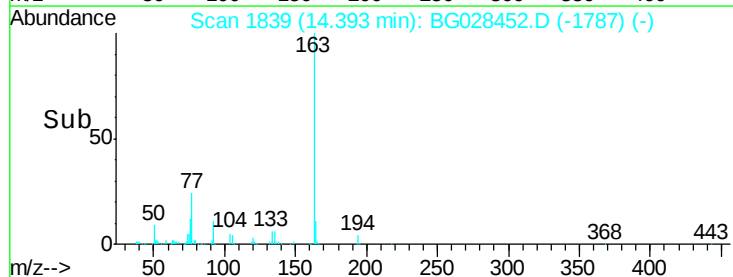
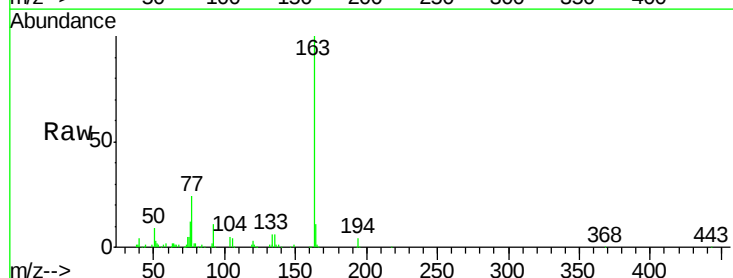
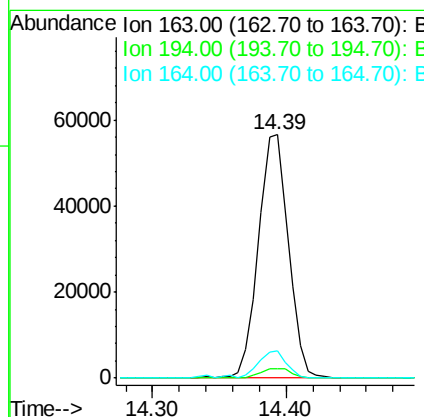
RT: 14.39 min Scan# 1839

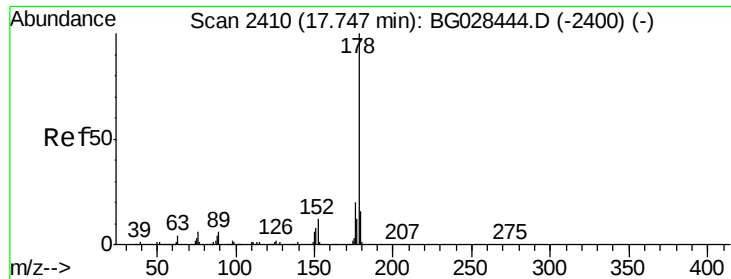
Delta R.T. 0.01 min

Lab File: BG028452.D

Acq: 23 Aug 2017 16:04

Tgt Ion:	163	Resp:	87598
Ion Ratio	Lower	Upper	
163	100		
194	4.1	3.4	5.0
164	11.1	9.0	13.4





#69

Phenanthrene

Concen: 8.490 ng/ul

RT: 17.75 min Scan# 2410

Delta R.T. 0.00 min

Lab File: BG028452.D

Acq: 23 Aug 2017 16:04

Instrument :

BNA_G

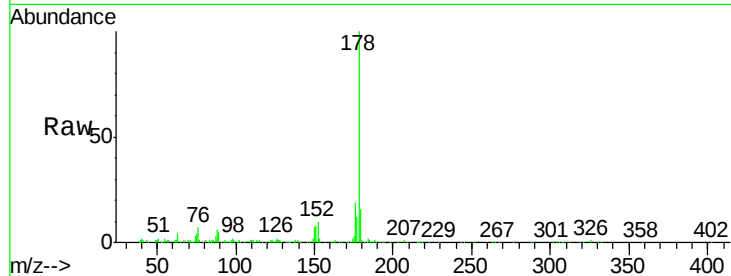
ClientSampled :

B0AF8

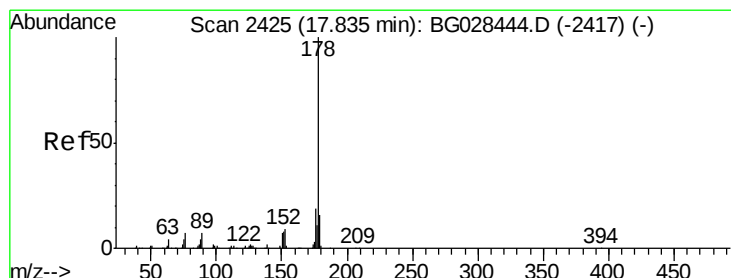
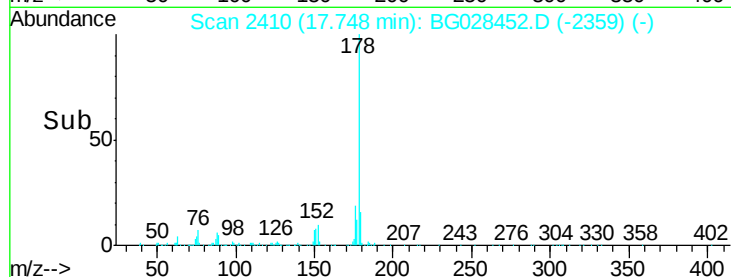
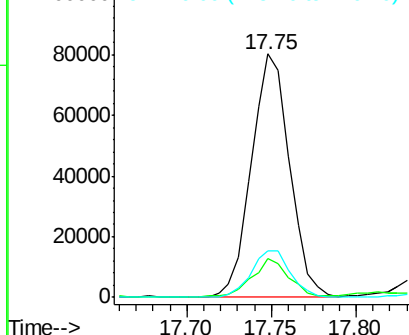
Tgt Ion:	178	Resp:	126026
Ion Ratio	Lower	Upper	
178	100		
179	15.9	12.4	18.6
176	19.3	16.5	24.7

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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E



#71

Anthracene

Concen: 1.157 ng/ul

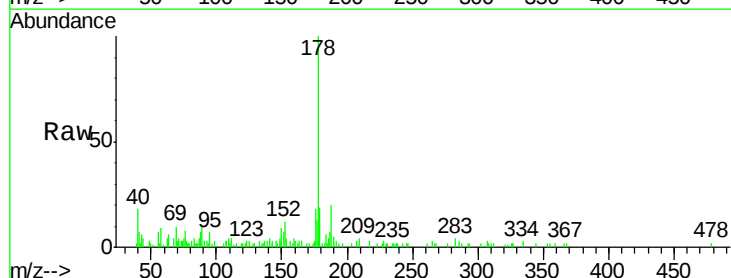
RT: 17.84 min Scan# 2426

Delta R.T. 0.01 min

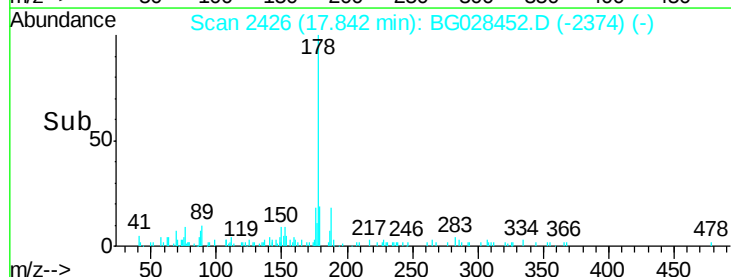
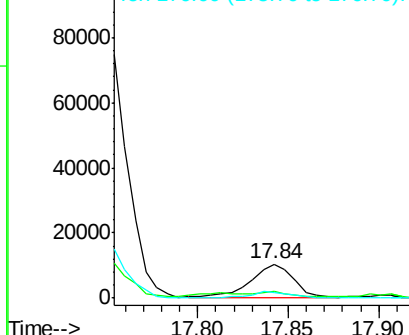
Lab File: BG028452.D

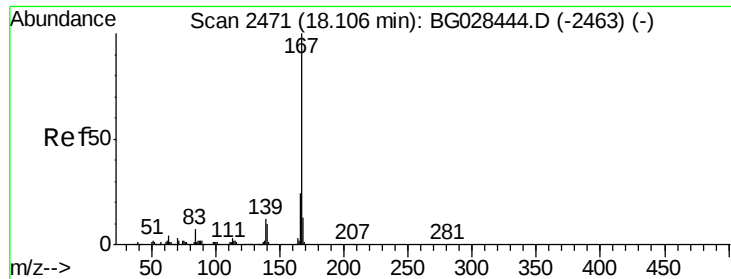
Acq: 23 Aug 2017 16:04

Tgt Ion:	178	Resp:	17556
Ion Ratio	Lower	Upper	
178	100		
179	18.8	12.6	19.0
176	17.8	15.9	23.9



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E





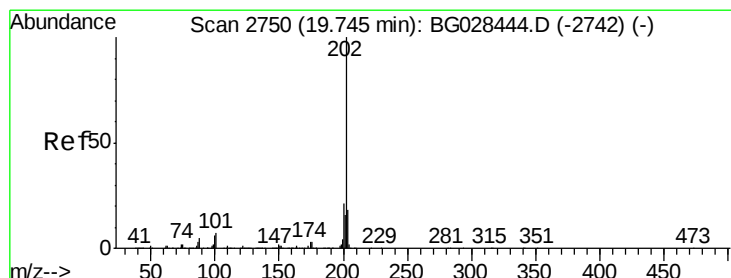
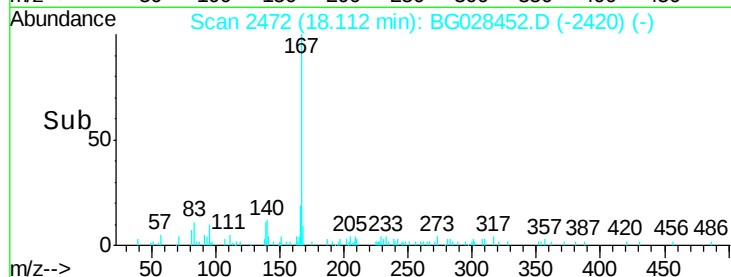
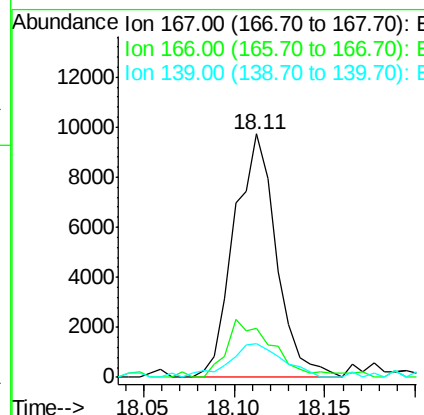
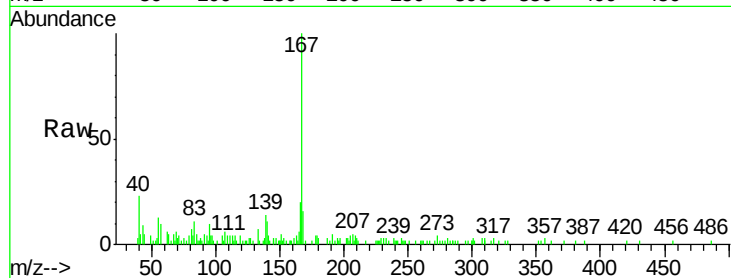
#72
 Carbazole
 Concen: 1.192 ng/ul
 RT: 18.11 min Scan# 2472
 Delta R.T. 0.01 min
 Lab File: BG028452.D
 Acq: 23 Aug 2017 16:04

Instrument :
 BNA_G
 ClientSampleId :
 B0AF8

Tgt Ion:	167	Resp:	15732
Ion Ratio	Lower	Upper	
167	100		
166	20.2	17.9	26.9
139	13.8	10.5	15.7

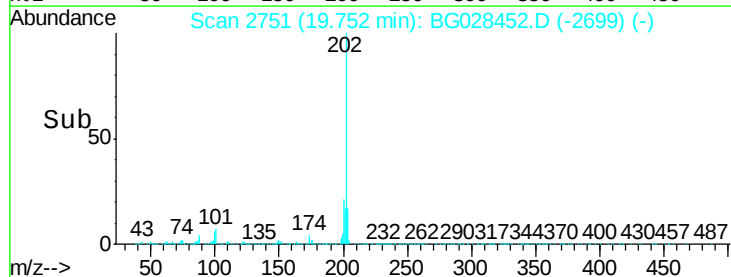
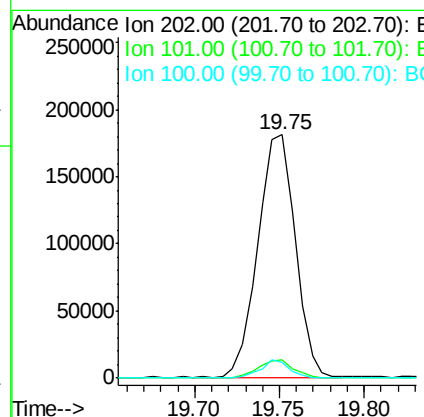
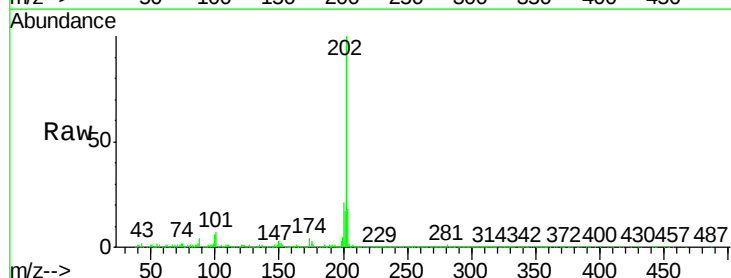
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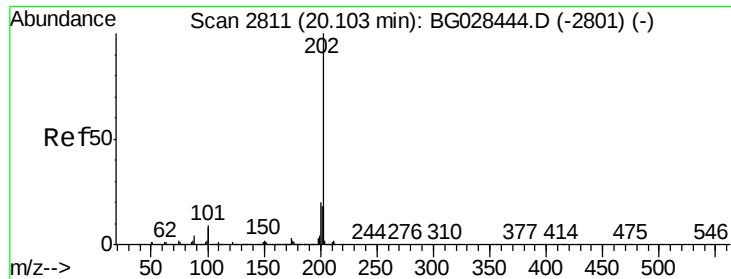
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 8/24/2017 4:38:37 PM



#74
 Fluoranthene
 Concen: 15.361 ng/ul
 RT: 19.75 min Scan# 2751
 Delta R.T. 0.01 min
 Lab File: BG028452.D
 Acq: 23 Aug 2017 16:04

Tgt Ion:	202	Resp:	277129
Ion Ratio	Lower	Upper	
202	100		
101	7.3	6.2	9.2
100	6.2	5.2	7.8





#77

Pyrene

Concen: 12.479 ng/ul

RT: 20.11 min Scan# 2812

Delta R.T. 0.01 min

Lab File: BG028452.D

Acq: 23 Aug 2017 16:04

Instrument :

BNA_G

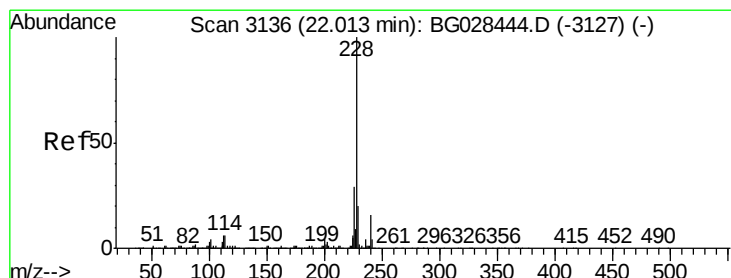
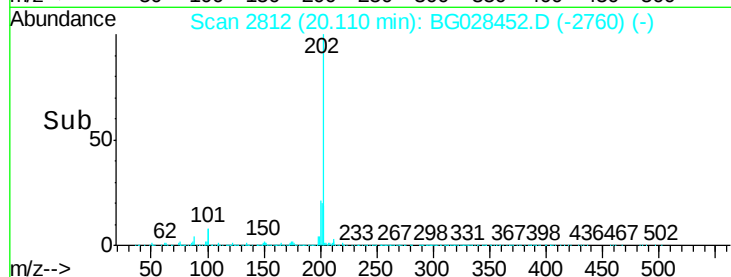
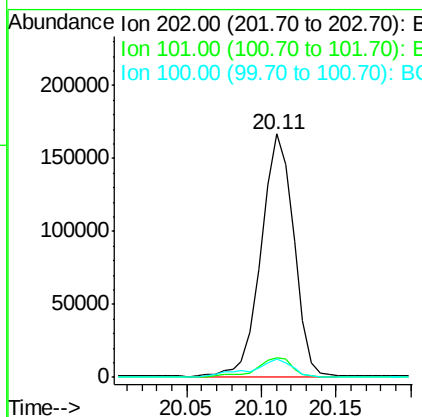
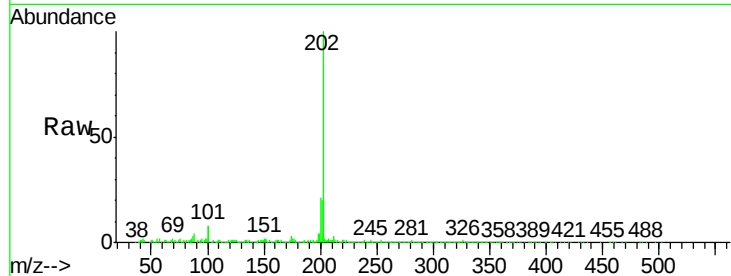
ClientSampleId :

B0AF8

Tgt Ion:	202	Resp:	251170
Ion Ratio	Lower	Upper	
202	100		
101	8.2	6.9	10.3
100	7.7	6.6	10.0

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#80

Benzo(a)anthracene

Concen: 8.346 ng/ul

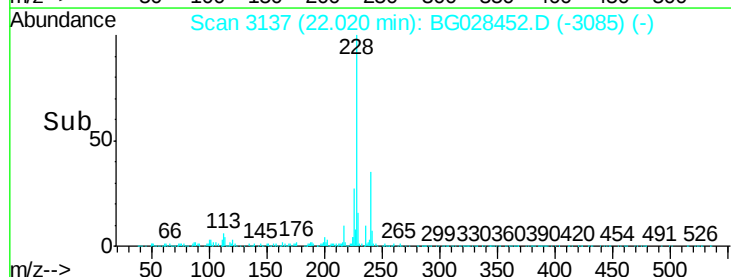
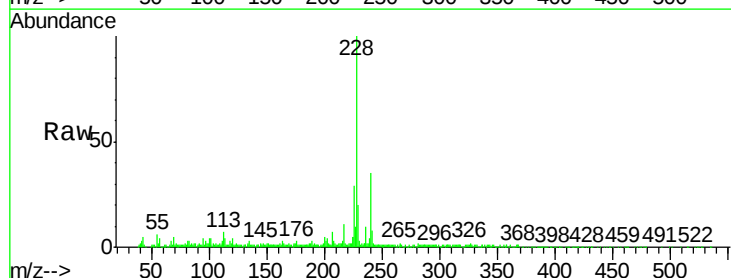
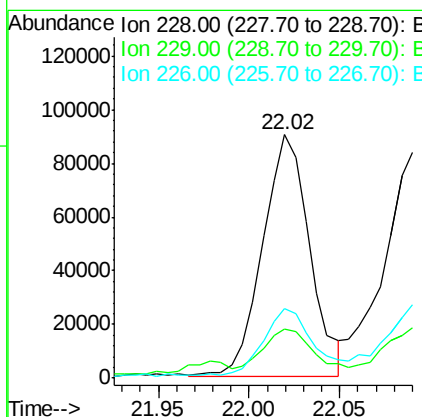
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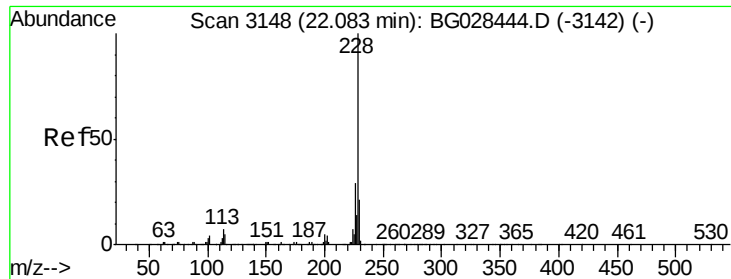
Delta R.T. 0.01 min

Lab File: BG028452.D

Acq: 23 Aug 2017 16:04

Tgt Ion:	228	Resp:	162678
Ion Ratio	Lower	Upper	
228	100		
229	20.1	16.3	24.5
226	28.6	21.9	32.9





#82

Chrysene

Concen: 9.965 ng/ul

RT: 22.09 min Scan# 3149

Delta R.T. 0.01 min

Lab File: BG028452.D

Acq: 23 Aug 2017 16:04

Instrument :

BNA_G

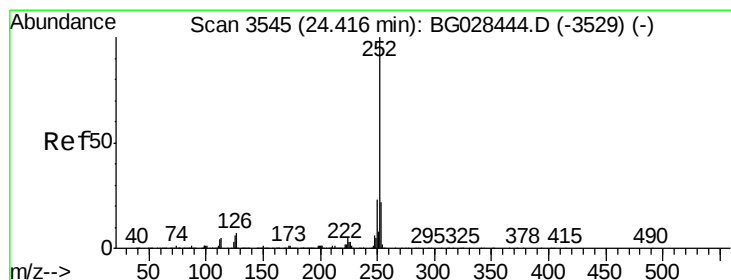
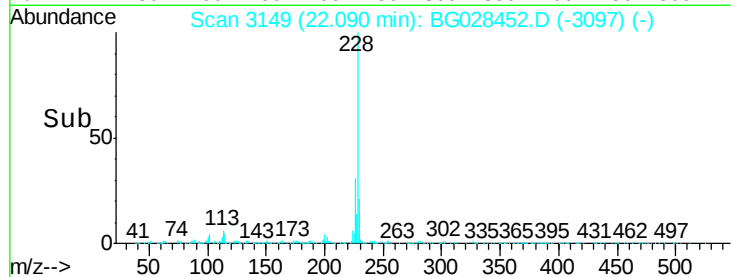
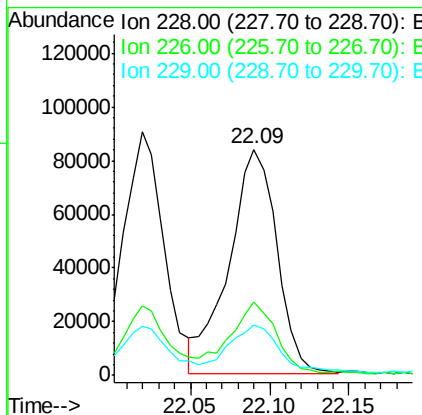
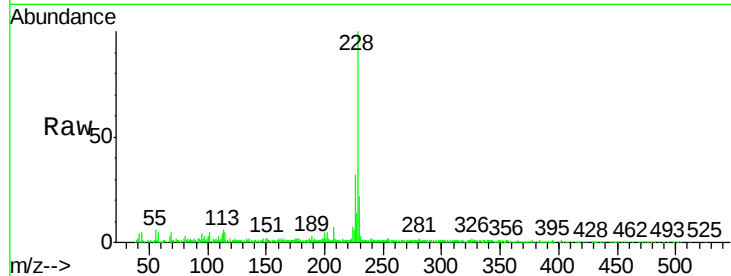
ClientSampleId :

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Tgt Ion:	228	Resp:	174930
Ion Ratio	Lower	Upper	
228	100		
226	32.4	24.0	36.0
229	22.5	16.9	25.3

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#85

Benzo(b)fluoranthene

Concen: 12.575 ng/ul

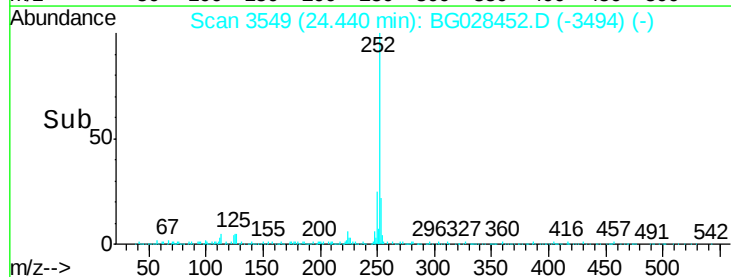
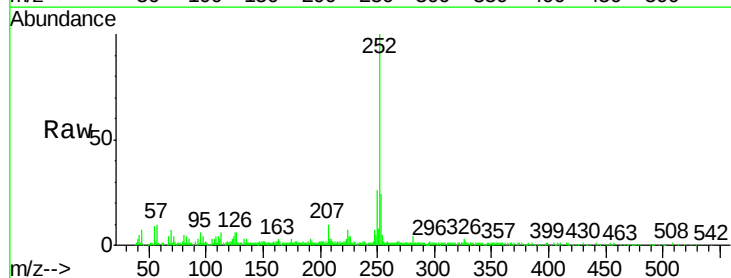
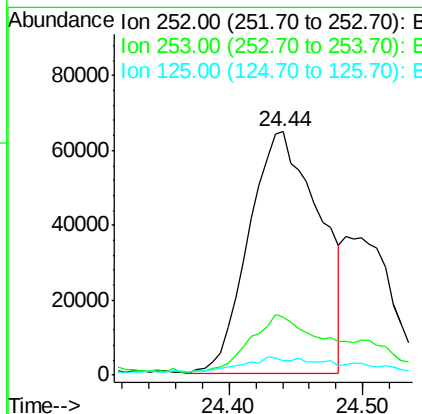
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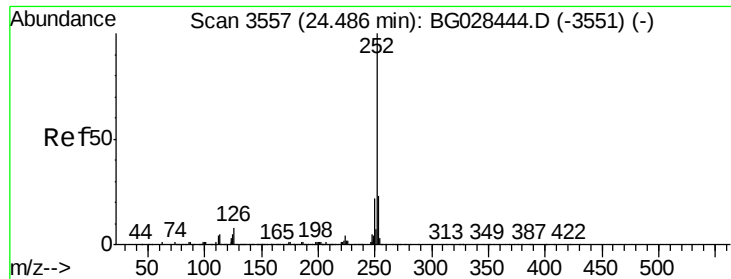
Delta R.T. 0.02 min

Lab File: BG028452.D

Acq: 23 Aug 2017 16:04

Tgt Ion:	252	Resp:	235544
Ion Ratio	Lower	Upper	
252	100		
253	23.6	17.7	26.5
125	5.9	4.0	6.0





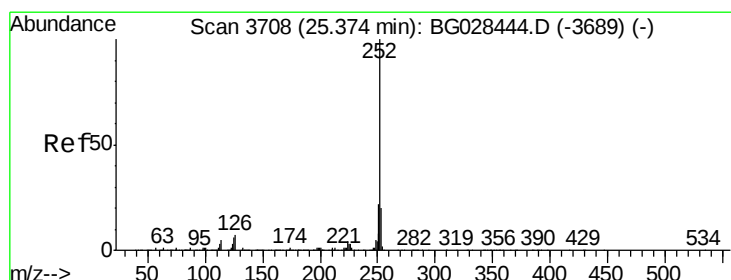
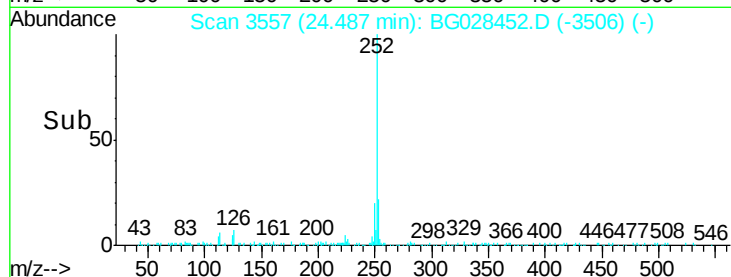
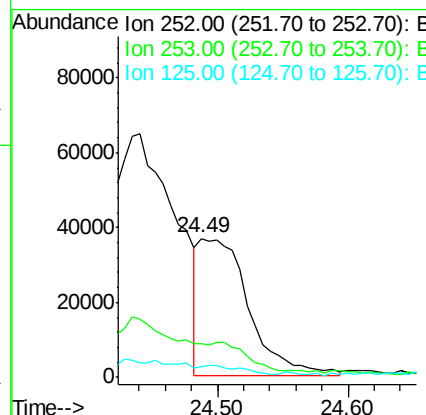
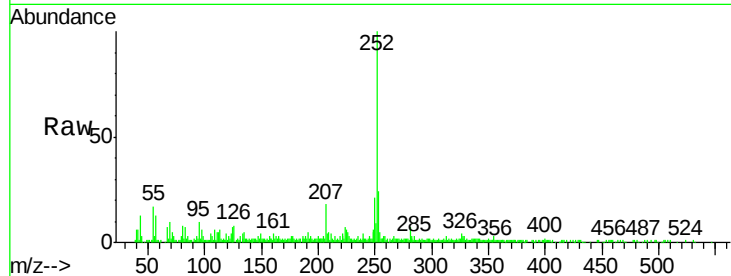
#86
Benzo(k)fluoranthene
Concen: 5.261 ng/ul m
RT: 24.49 min Scan# 3557
Delta R.T. 0.00 min
Lab File: BG028452.D
Acq: 23 Aug 2017 16:04

Instrument :
BNA_G
ClientSampleId :
B0AF8

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.1	18.5	27.7
125	7.3	4.1	6.1

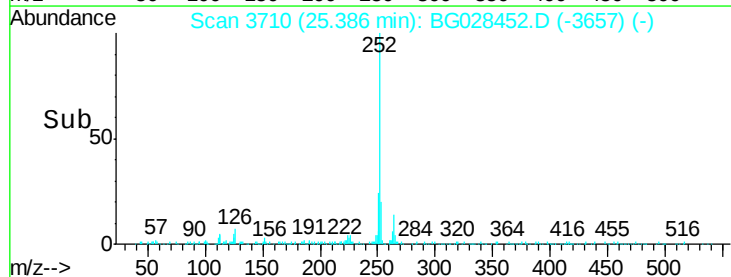
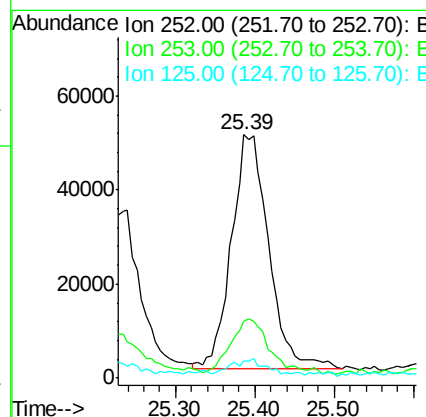
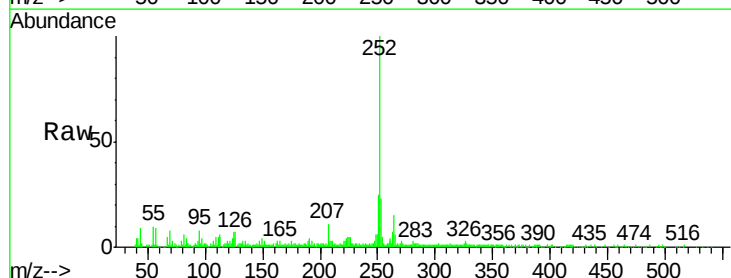
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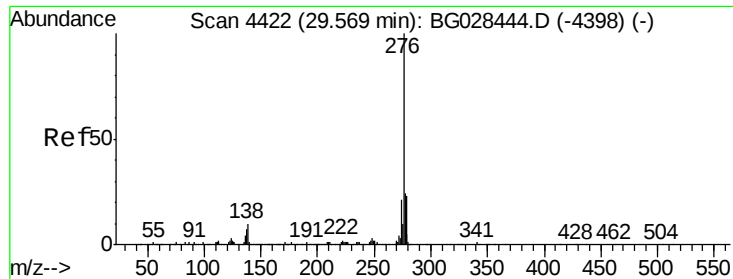
Sohil
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#88
Benzo(a)pyrene
Concen: 8.998 ng/ul
RT: 25.39 min Scan# 3710
Delta R.T. 0.01 min
Lab File: BG028452.D
Acq: 23 Aug 2017 16:04

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.8	26.6
125	7.2	5.4	8.0





#89

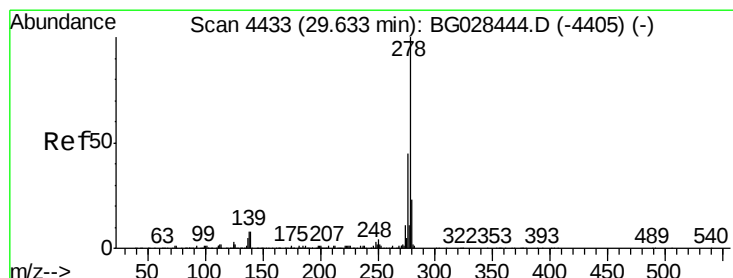
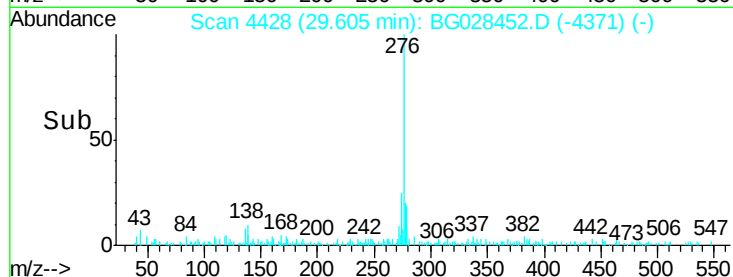
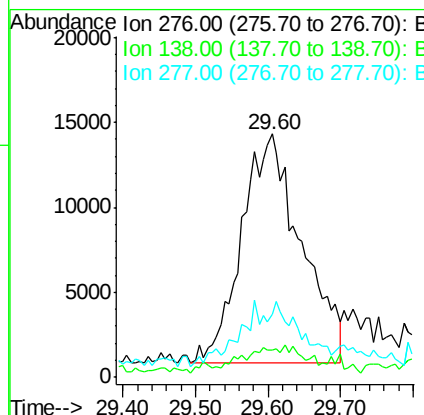
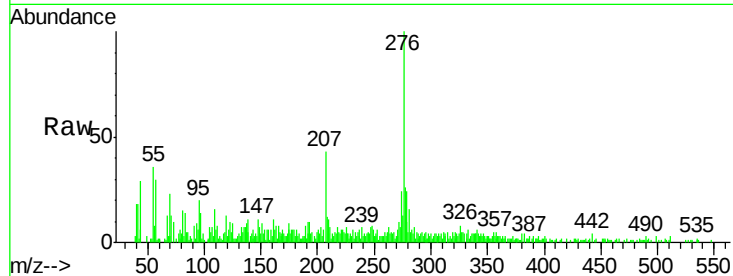
Indeno(1,2,3-cd)pyrene
Concen: 3.617 ng/ul
RT: 29.60 min Scan# 4428
Delta R.T. 0.04 min
Lab File: BG028452.D
Acq: 23 Aug 2017 16:04

Instrument :
BNA_G
ClientSampleId :
B0AF8

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	76819		
138	11.5	8.2	12.4	
277	25.8	18.6	28.0	

Manual Integrations
APPROVED

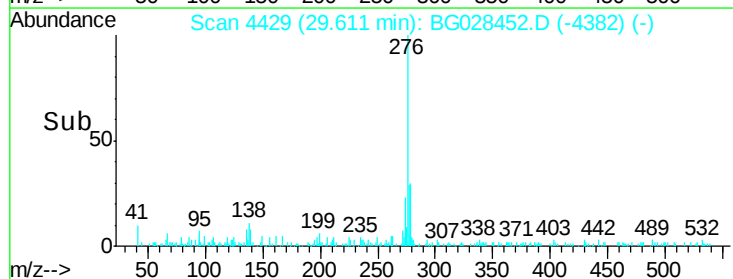
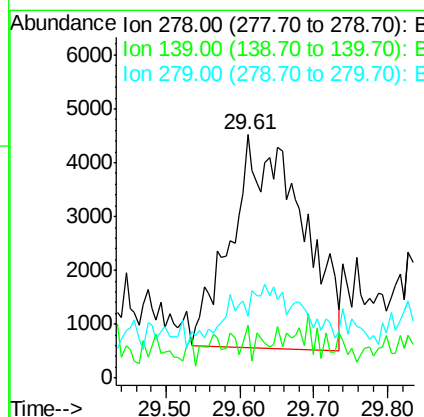
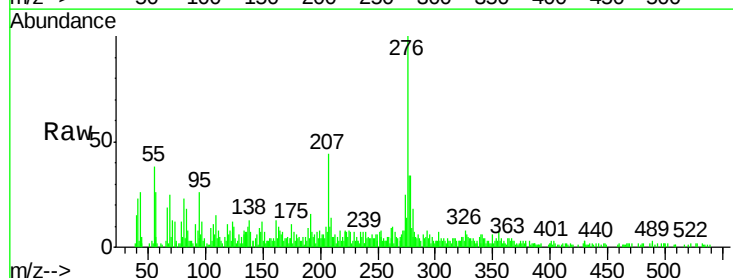
Sohil
8/24/2017 4:38:37 PM

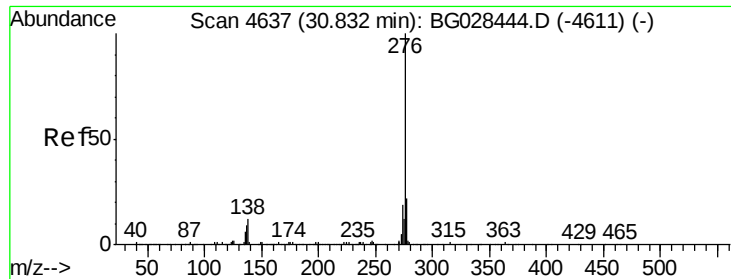


#90

Dibenzo(a,h)anthracene
Concen: 1.479 ng/ul m
RT: 29.61 min Scan# 4429
Delta R.T. -0.02 min
Lab File: BG028452.D
Acq: 23 Aug 2017 16:04

Tgt Ion	Ratio	Resp	Lower	Upper
278	100	26319		
139	21.8	6.7	10.1#	
279	25.2	20.9	31.3	





#91

Benzo(g,h,i)perylene

Concen: 3.142 ng/ul

RT: 30.86 min Scan# 4641

Delta R.T. 0.02 min

Lab File: BG028452.D

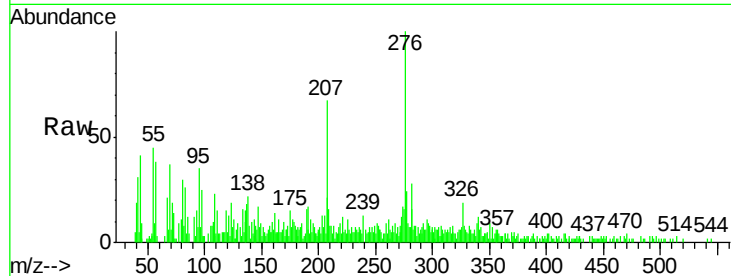
Acq: 23 Aug 2017 16:04

Instrument :

BNA_G

ClientSampleId :

B0AF8



Tgt Ion	Ratio	Lower	Upper
276	100		
138	21.7	8.6	12.8#
277	24.1	17.6	26.4

Manual Integrations
APPROVED

Sohil
8/24/2017 4:38:37 PM

