

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082517\
 Data File : BG028485.D
 Acq On : 25 Aug 2017 10:06
 Operator : SJ/JU
 Sample : I4840-11DL 5X
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleID :
 B0AK9DL

Manual Integrations
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 8/28/2017 3:16:30 PM

Quant Time: Aug 25 23:36:45 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Aug 25 23:11:18 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.34	152	36238	20.00	ng/ul	0.00
18) Naphthalene-d8	11.16	136	162462	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.95	164	117295	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.70	188	278308	20.00	ng/ul	0.00
75) Chrysene-d12	22.03	240	322734	20.00	ng/ul	0.00
83) Perylene-d12	25.54	264	317884	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.82	96	553	0.71	ng/uL	0.00
5) Phenol-d5	7.50	99	18526	4.65	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.66	67	11520	4.57	ng/ul	0.00
9) 2-Chlorophenol-d4	7.87	132	13260	5.28	ng/ul	0.00
13) 4-Methylphenol-d8	9.04	113	15161	4.56	ng/ul	0.00
19) Nitrobenzene-d5	9.51	128	6826	5.37	ng/ul	0.00
22) 2-Nitrophenol-d4	10.24	143	7835	5.63	ng/ul	0.02
26) 2,4-Dichlorophenol-d3	10.78	165	15831	5.49	ng/ul	0.01
29) 4-Chloroaniline-d4	11.29	131	8340	2.60	ng/ul	0.00
43) Dimethylphthalate-d6	14.34	166	58291	5.59	ng/ul	0.00
46) Acenaphthylene-d8	14.65	160	63471	5.40	ng/ul	0.00
51) 4-Nitrophenol-d4	15.16	143	5665	3.42	ng/ul	0.01
57) Fluorene-d10	15.94	176	47077	5.03	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.06	200	5285	2.92	ng/ul	0.00
70) Anthracene-d10	17.80	188	78220	5.86	ng/ul	0.00
76) Pyrene-d10	20.07	212	92191	5.57	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.29	264	87032	5.85	ng/ul	0.00

Target Compounds

					Qvalue	
28) Naphthalene	11.21	128	8661	1.076	ng/ul#	94
44) Dimethylphthalate	14.38	163	20186	2.101	ng/ul#	94
49) Acenaphthene	15.01	153	19522	2.574	ng/ul	91
53) Dibenzofuran	15.34	168	23712	2.144	ng/ul	88
58) Fluorene	15.99	166	31918	3.260	ng/ul#	99
69) Phenanthrene	17.74	178	308094	21.997	ng/ul	99
71) Anthracene	17.83	178	78171	5.461	ng/ul	97
72) Carbazole	18.10	167	36140	2.903	ng/ul	99
74) Fluoranthene	19.74	202	291277	17.112	ng/ul	99
77) Pyrene	20.10	202	231310	12.013	ng/ul	98
80) Benzo(a)anthracene	22.01	228	150214	8.056	ng/ul	99
82) Chrysene	22.08	228	127399	7.586	ng/ul	98
85) Benzo(b)fluoranthene	24.41	252	142356m	7.484	ng/ul	
86) Benzo(k)fluoranthene	24.47	252	47713m	2.568	ng/ul	
88) Benzo(a)pyrene	25.36	252	101442	5.508	ng/ul	94
89) Indeno(1,2,3-cd)pyrene	29.56	276	54441	2.524	ng/ul#	89
91) Benzo(g,h,i)perylene	30.83	276	41173	2.320	ng/ul#	94

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

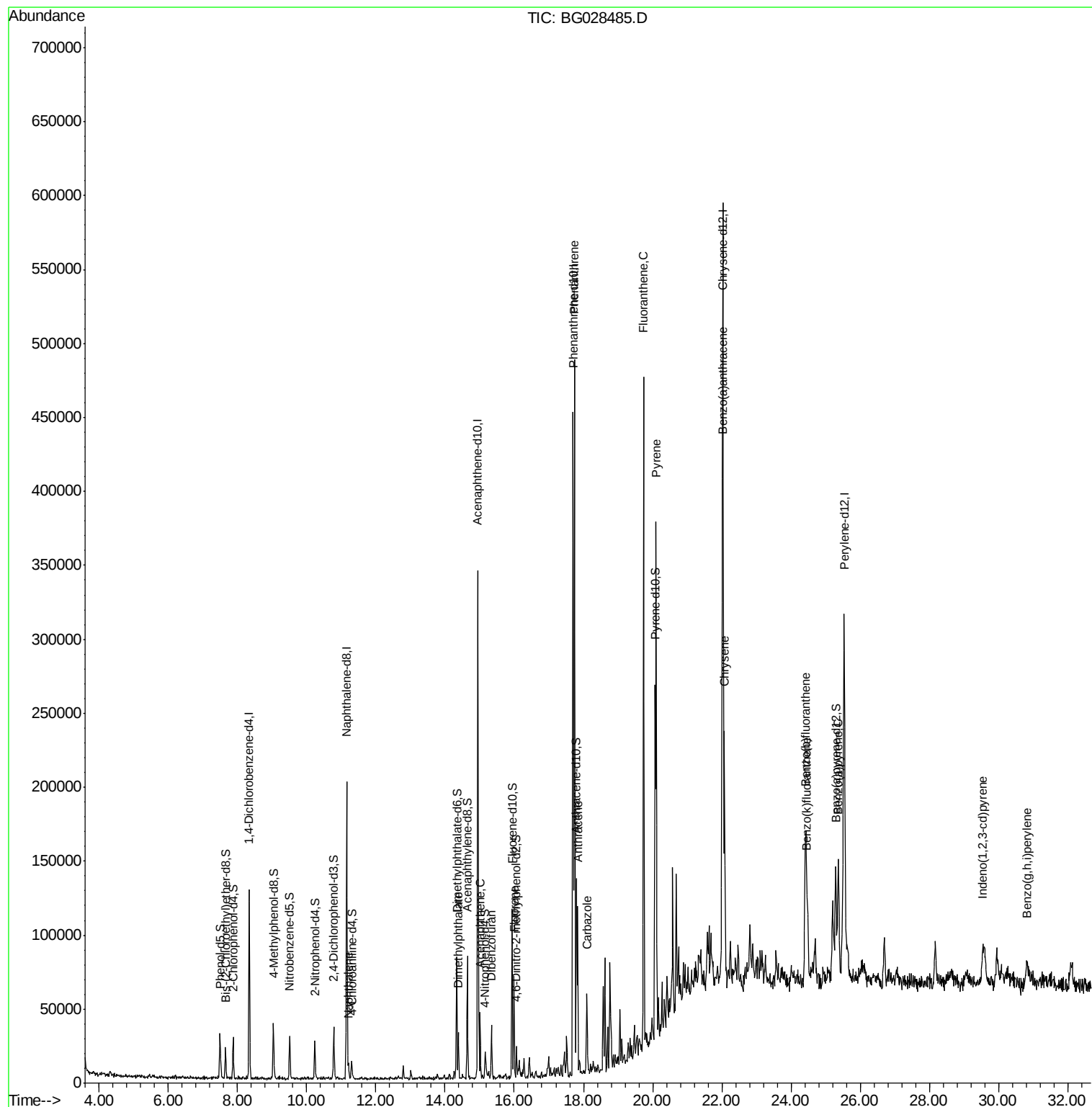
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082517\
Data File : BG028485.D
Acq On : 25 Aug 2017 10:06
Operator : SJ/JU
Sample : I4840-11DL 5X
Misc :
ALS Vial : 3 Sample Multiplier: 1

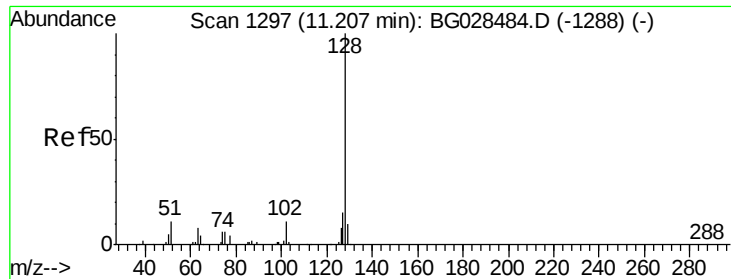
Instrument :
BNA_G
ClientSampleId :
B0AK9DL

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Quant Title : SVOA CALIBRATION
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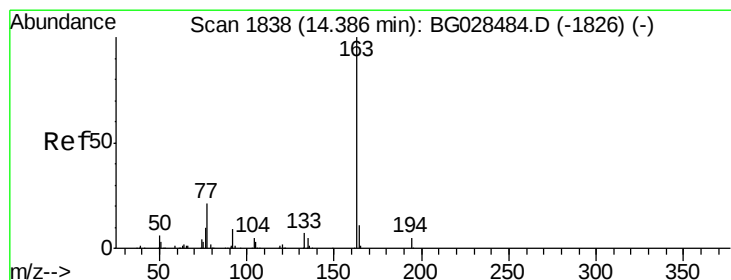
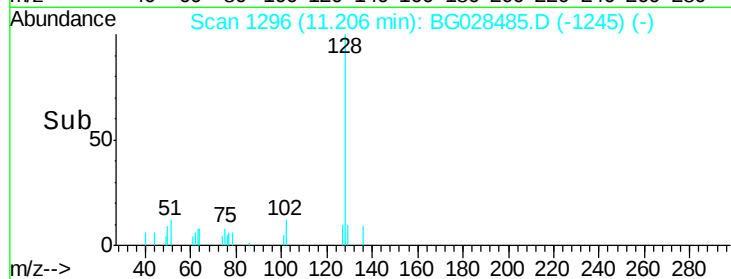
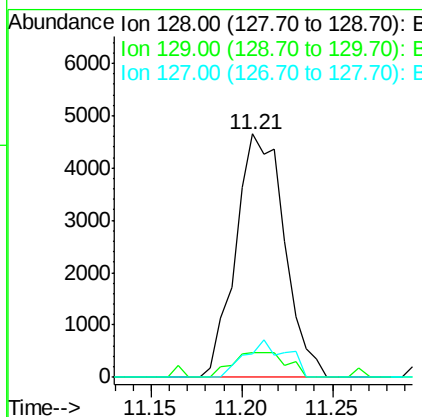
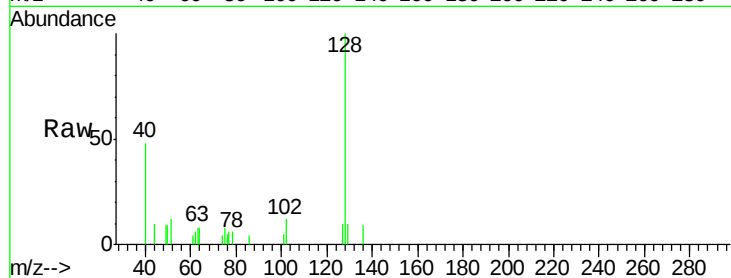
#28
Naphthalene
Concen: 1.076 ng/ul
RT: 11.21 min Scan# 1296
Delta R.T. -0.00 min
Lab File: BG028485.D
Acq: 25 Aug 2017 10:06

Instrument :
BNA_G
ClientSampleId :
B0AK9DL

Tgt Ion	Ratio	Resp Lower	Resp Upper
128	100		
129	10.3	9.4	14.2
127	9.8	10.3	15.5#

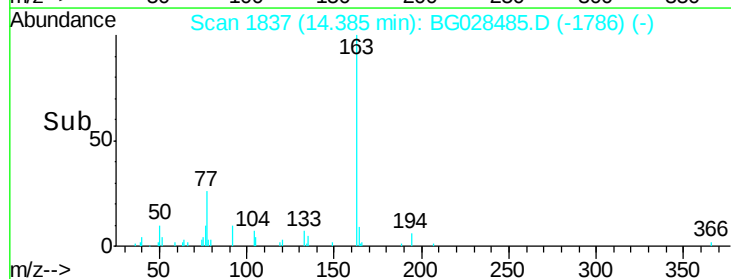
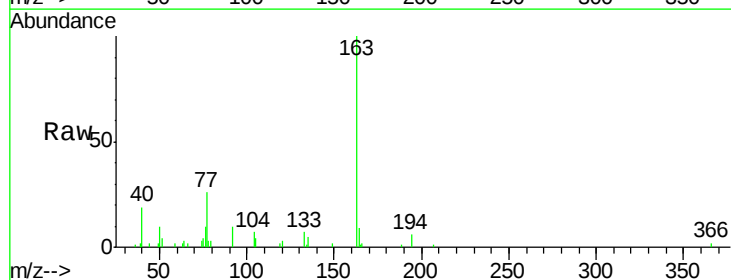
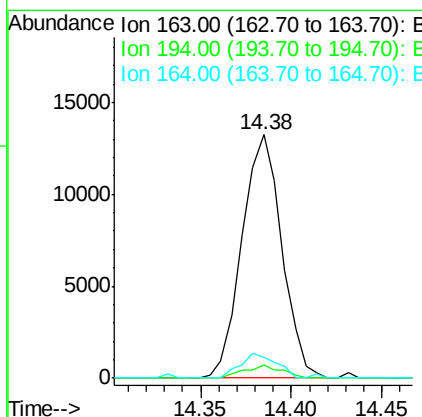
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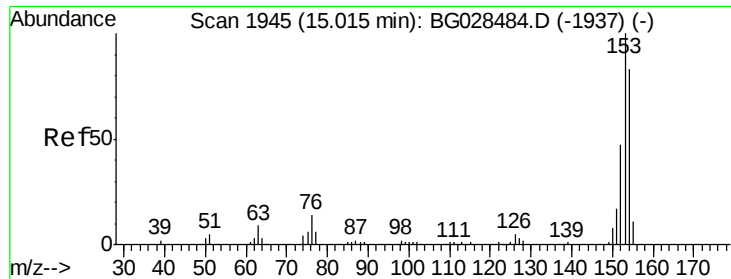
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#44
Dimethylphthalate
Concen: 2.101 ng/ul
RT: 14.38 min Scan# 1837
Delta R.T. -0.00 min
Lab File: BG028485.D
Acq: 25 Aug 2017 10:06

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	5.7	3.4	5.0#
164	8.6	9.0	13.4#





#49

Acenaphthene

Concen: 2.574 ng/ul

RT: 15.01 min Scan# 1944

Delta R.T. -0.00 min

Lab File: BG028485.D

Acq: 25 Aug 2017 10:06

Instrument :

BNA_G

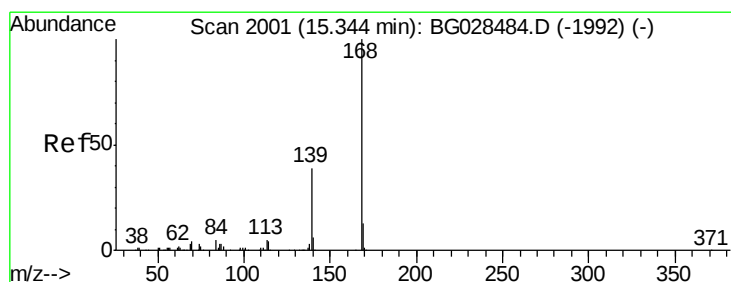
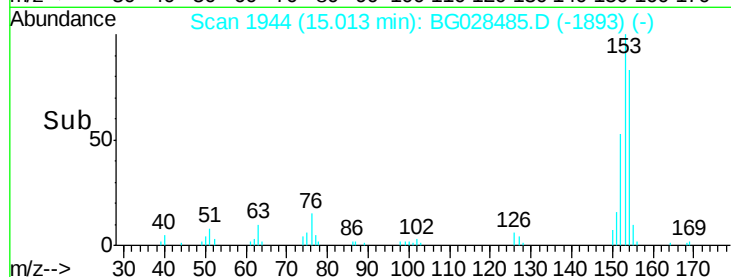
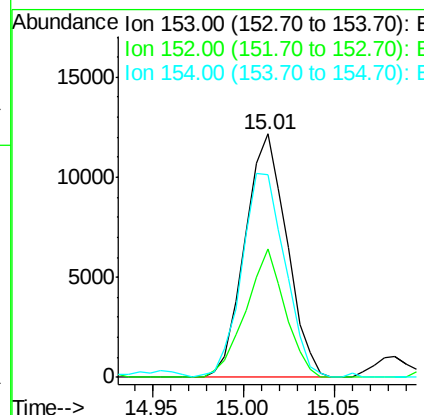
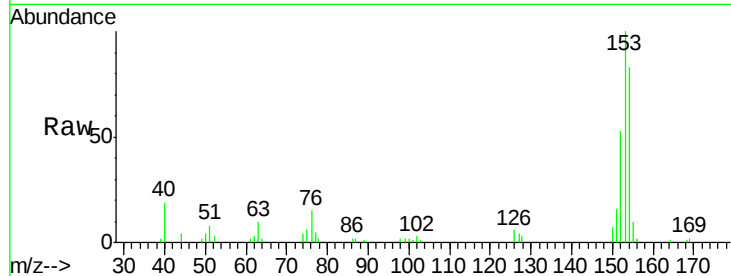
ClientSampleId :

B0AK9DL

Tgt Ion:	153	Resp:	19522
Ion Ratio	Lower	Upper	
153	100		
152	52.5	36.5	54.7
154	83.1	72.3	108.5

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#53

Dibenzofuran

Concen: 2.144 ng/ul

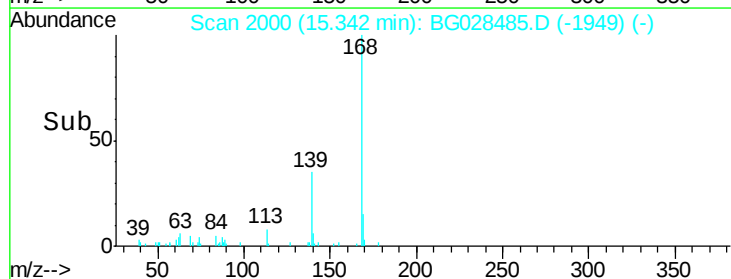
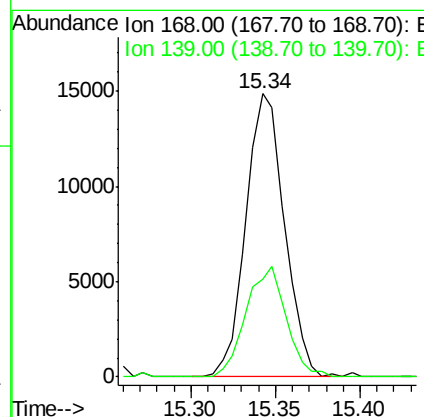
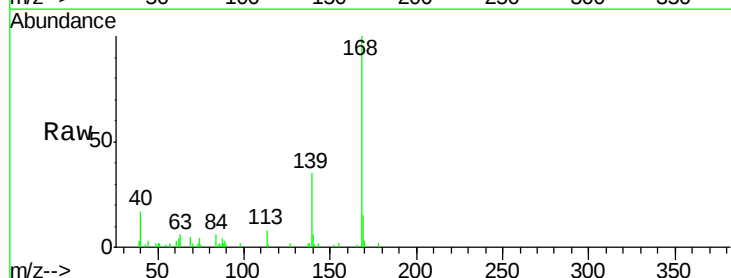
RT: 15.34 min Scan# 2000

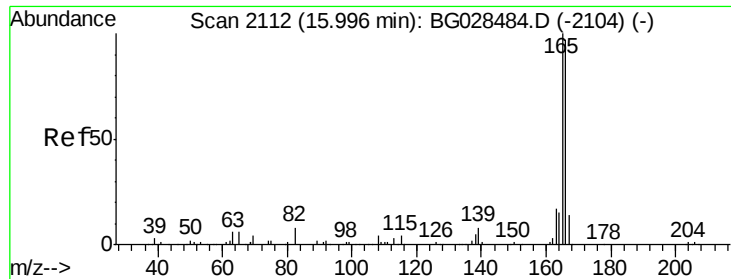
Delta R.T. -0.00 min

Lab File: BG028485.D

Acq: 25 Aug 2017 10:06

Tgt Ion:	168	Resp:	23712
Ion Ratio	Lower	Upper	
168	100		
139	34.7	33.8	50.8





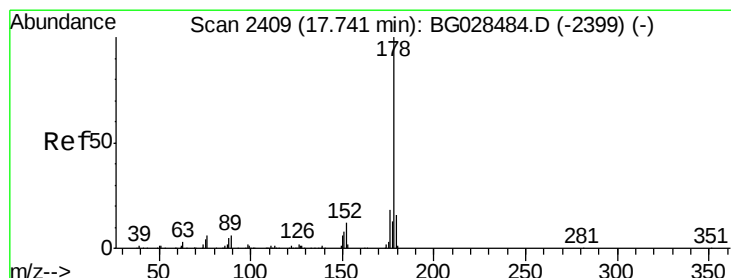
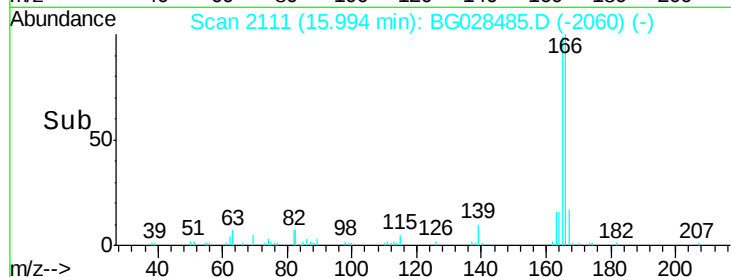
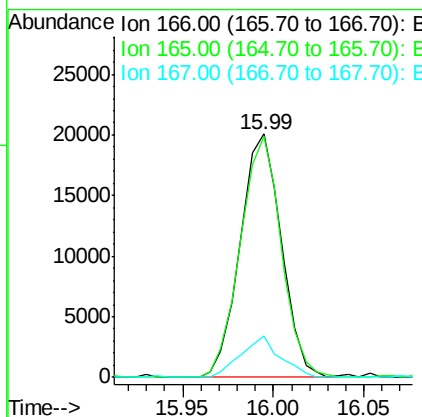
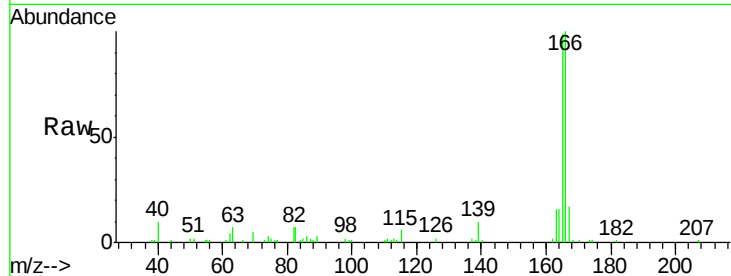
#58
 Fluorene
 Concen: 3.260 ng/ul
 RT: 15.99 min Scan# 2111
 Delta R.T. -0.00 min
 Lab File: BG028485.D
 Acq: 25 Aug 2017 10:06

Instrument :
 BNA_G
 ClientSampled :
 B0AK9DL

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	31918		
165	99.2	79.7	119.5	
167	17.3	11.4	17.2#	

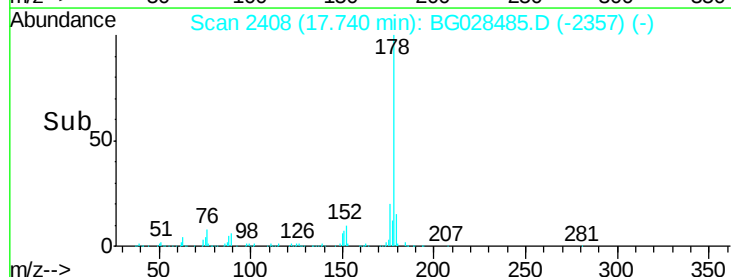
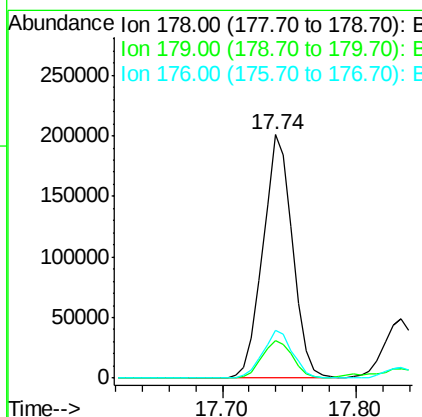
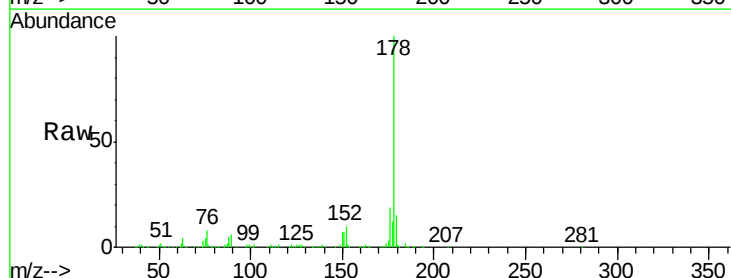
Manual Integrations
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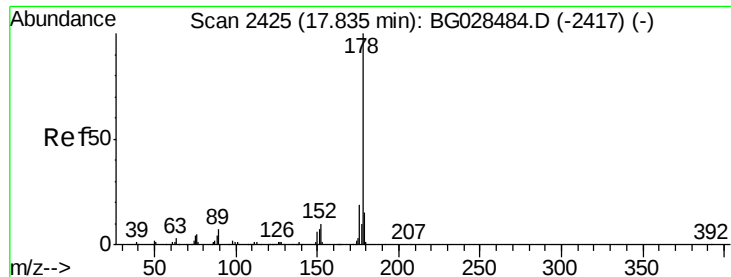
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#69
 Phenanthrene
 Concen: 21.997 ng/ul
 RT: 17.74 min Scan# 2408
 Delta R.T. -0.00 min
 Lab File: BG028485.D
 Acq: 25 Aug 2017 10:06

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	308094		
179	15.5	12.4	18.6	
176	19.5	16.5	24.7	





#71

Anthracene

Concen: 5.461 ng/ul

RT: 17.83 min Scan# 2424

Delta R.T. -0.00 min

Lab File: BG028485.D

Acq: 25 Aug 2017 10:06

Instrument :

BNA_G

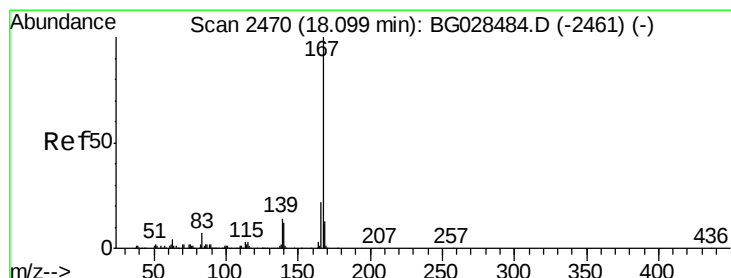
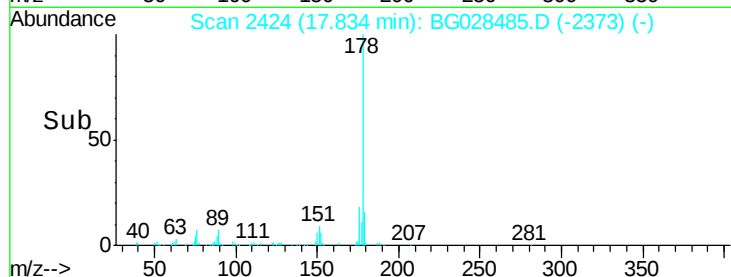
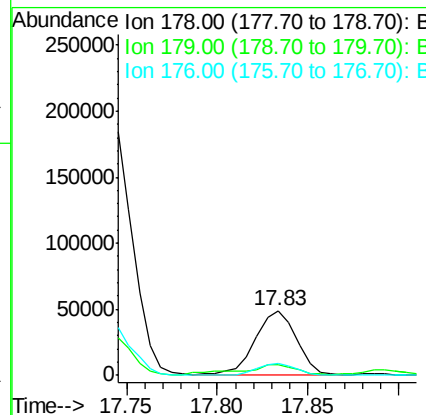
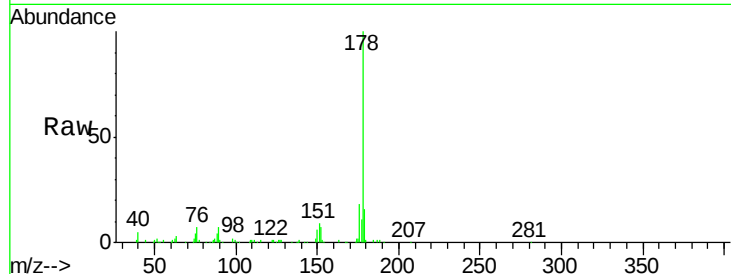
ClientSampled :

B0AK9DL

Tgt Ion:	178	Resp:	78171
Ion Ratio	Lower	Upper	
178	100		
179	16.3	12.6	19.0
176	18.2	15.9	23.9

Manual Integrations
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#72

Carbazole

Concen: 2.903 ng/ul

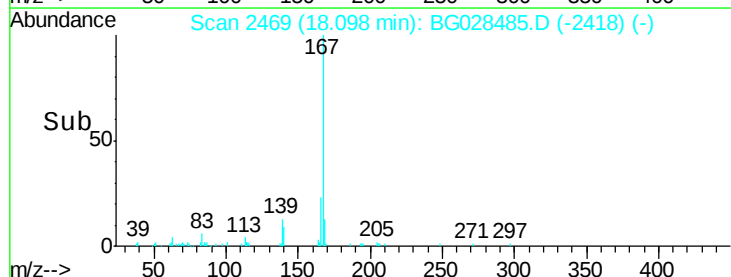
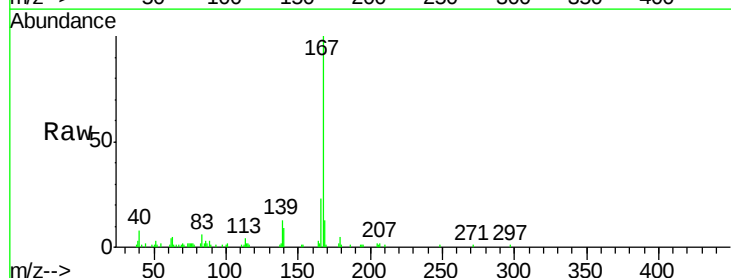
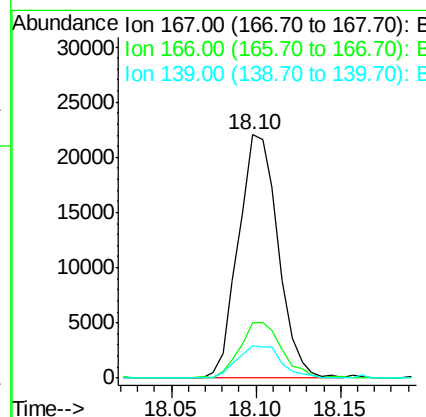
RT: 18.10 min Scan# 2469

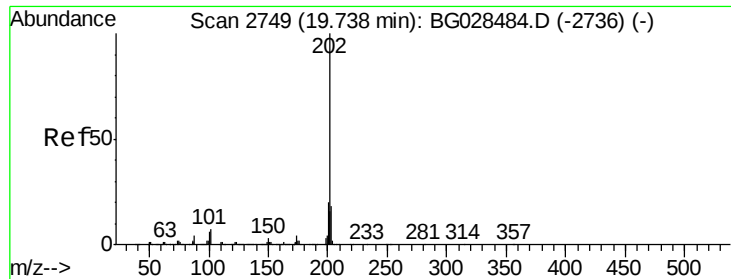
Delta R.T. -0.00 min

Lab File: BG028485.D

Acq: 25 Aug 2017 10:06

Tgt Ion:	167	Resp:	36140
Ion Ratio	Lower	Upper	
167	100		
166	22.7	17.9	26.9
139	13.3	10.5	15.7





#74

Fluoranthene

Concen: 17.112 ng/ul

RT: 19.74 min Scan# 2748

Delta R.T. -0.00 min

Lab File: BG028485.D

Acq: 25 Aug 2017 10:06

Instrument :

BNA_G

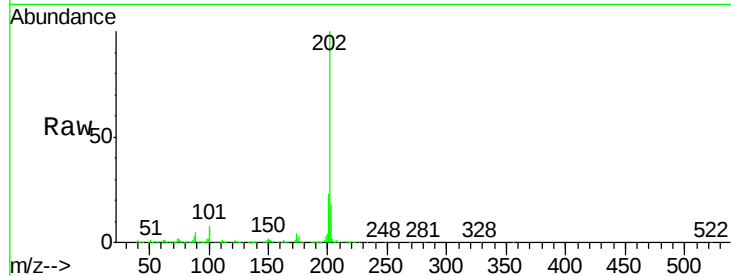
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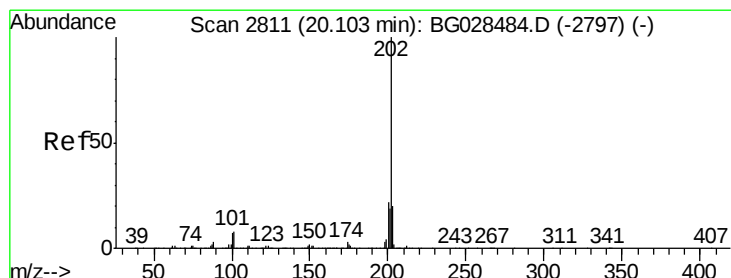
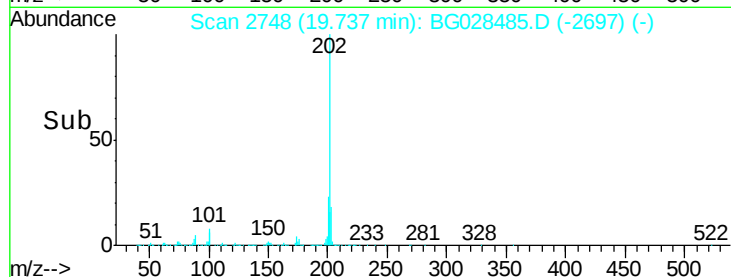
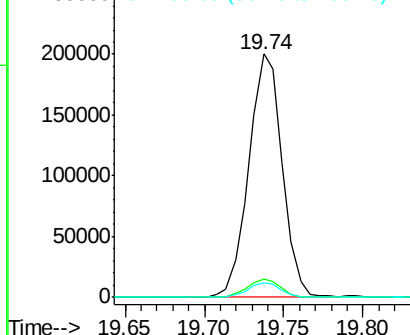
Tgt	Ion	Ratio	Resp	Lower	Upper
202	100		291277		
101	7.5	6.2	9.2		
100	6.2	5.2	7.8		

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: 12.013 ng/ul

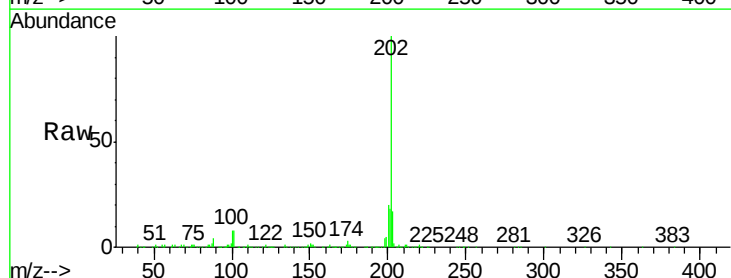
RT: 20.10 min Scan# 2810

Delta R.T. -0.00 min

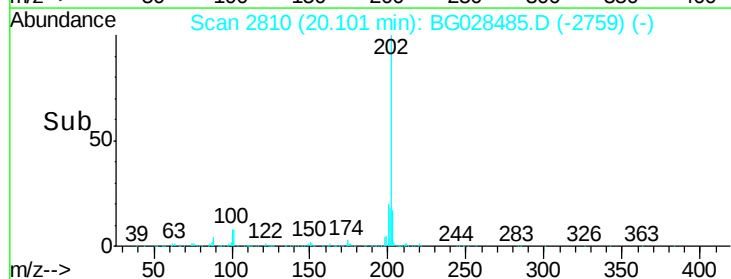
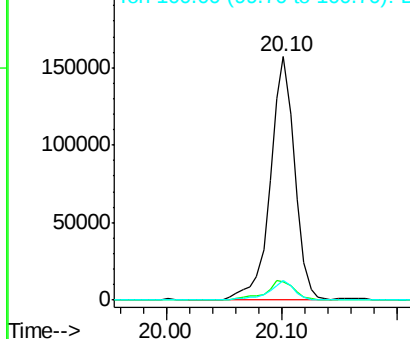
Lab File: BG028485.D

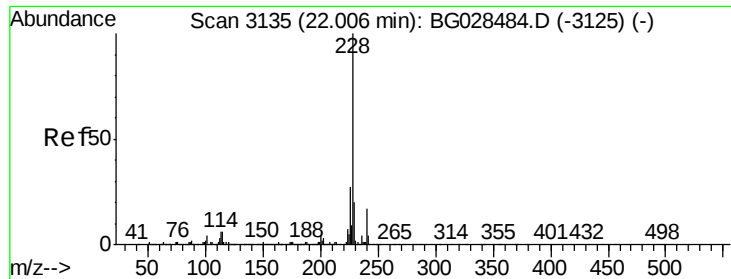
Acq: 25 Aug 2017 10:06

Tgt	Ion	Ratio	Resp	Lower	Upper
202	100		231310		
101	7.6	6.9	10.3		
100	8.2	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





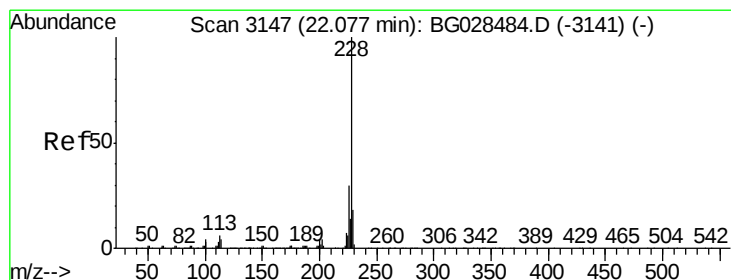
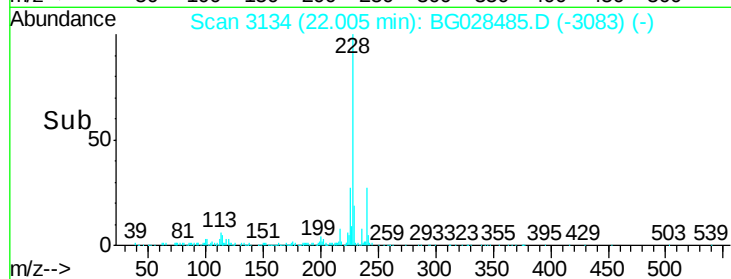
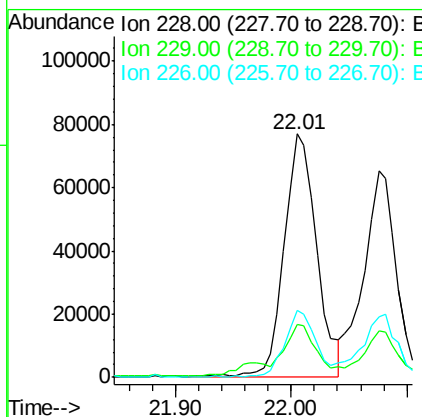
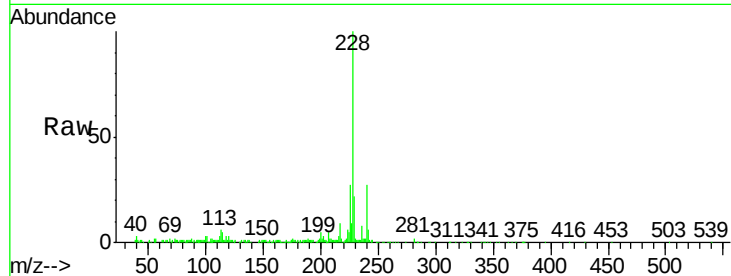
#80
Benzo(a)anthracene
Concen: 8.056 ng/ul
RT: 22.01 min Scan# 3134
Delta R.T. -0.00 min
Lab File: BG028485.D
Acq: 25 Aug 2017 10:06

Instrument :
BNA_G
ClientSampled :
B0AK9DL

Tgt Ion	Ratio	Lower	Upper
228	100		
229	21.8	16.3	24.5
226	27.5	21.9	32.9

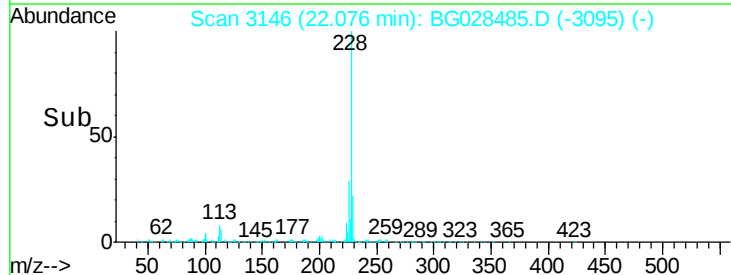
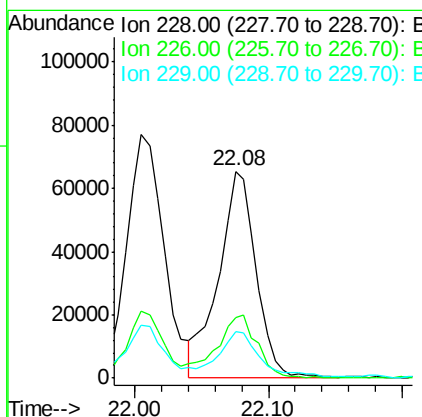
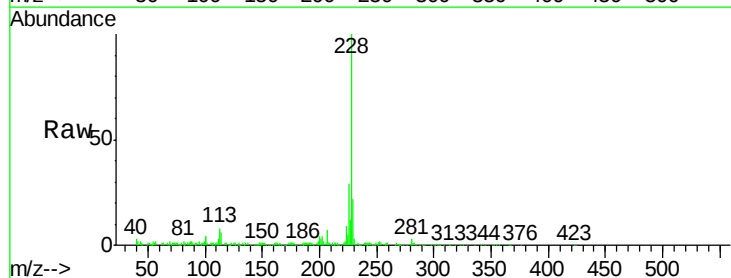
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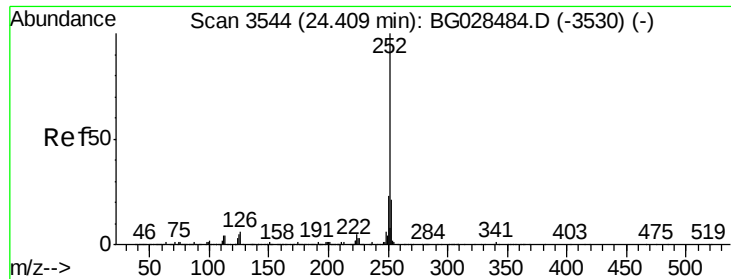
Sohil
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#82
Chrysene
Concen: 7.586 ng/ul
RT: 22.08 min Scan# 3146
Delta R.T. -0.00 min
Lab File: BG028485.D
Acq: 25 Aug 2017 10:06

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.3	24.0	36.0
229	22.2	16.9	25.3





#85

Benzo(b)fluoranthene

Concen: 7.484 ng/ul m

RT: 24.41 min Scan# 3544

Delta R.T. 0.00 min

Lab File: BG028485.D

Acq: 25 Aug 2017 10:06

Instrument :

BNA_G

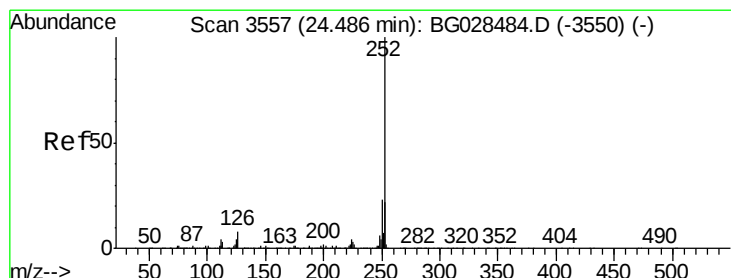
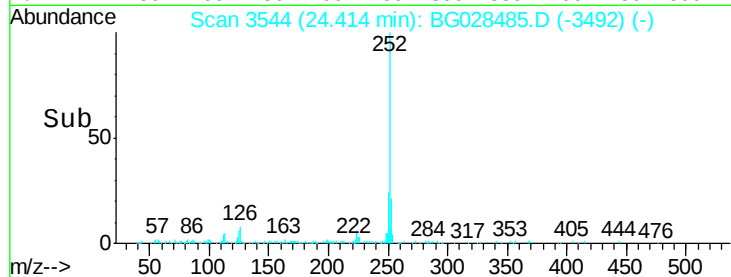
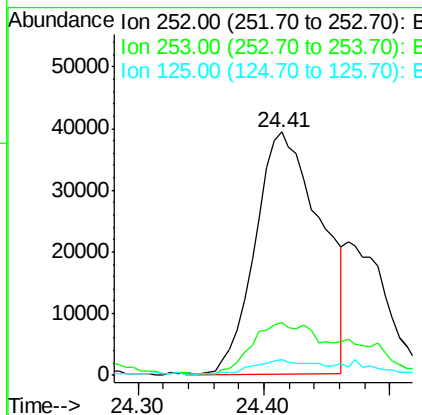
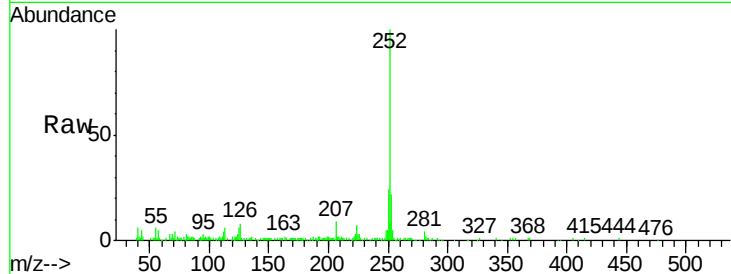
ClientSampleId :

B0AK9DL

Tgt Ion:	252	Resp:	142356
Ion Ratio	Lower	Upper	
252	100		
253	21.7	17.7	26.5
125	6.4	4.0	6.0#

Manual Integrations
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#86

Benzo(k)fluoranthene

Concen: 2.568 ng/ul m

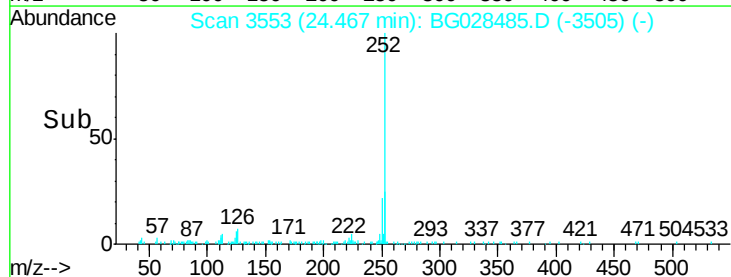
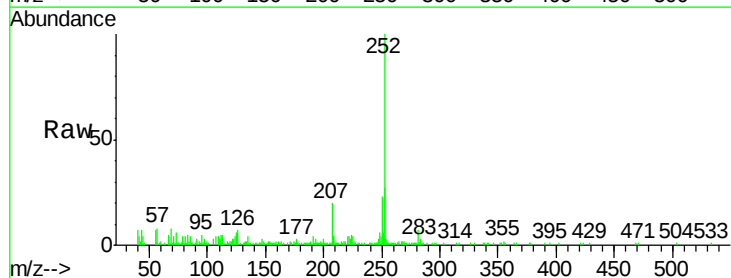
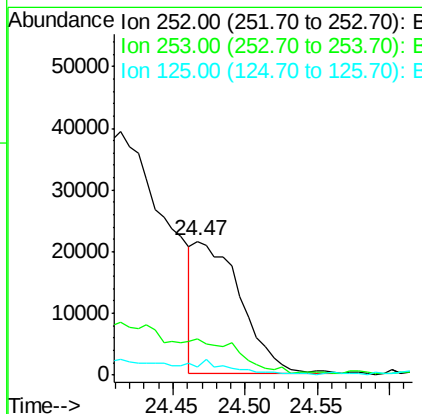
RT: 24.47 min Scan# 3553

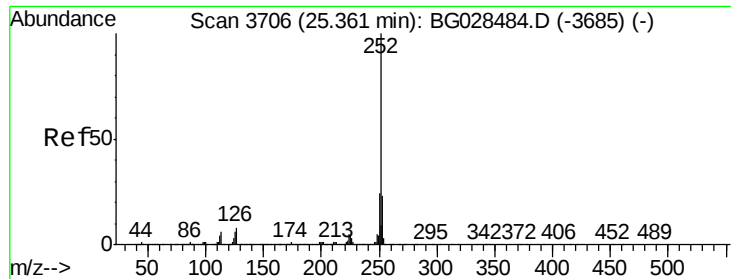
Delta R.T. -0.02 min

Lab File: BG028485.D

Acq: 25 Aug 2017 10:06

Tgt Ion:	252	Resp:	47713
Ion Ratio	Lower	Upper	
252	100		
253	26.6	18.5	27.7
125	5.9	4.1	6.1





#88

Benzo(a)pyrene

Concen: 5.508 ng/ul

RT: 25.36 min Scan# 3705

Delta R.T. -0.00 min

Lab File: BG028485.D

Acq: 25 Aug 2017 10:06

Instrument :

BNA_G

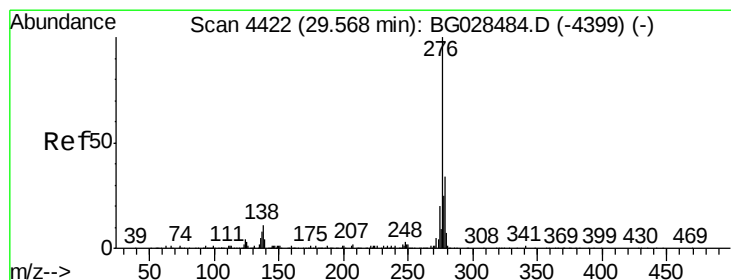
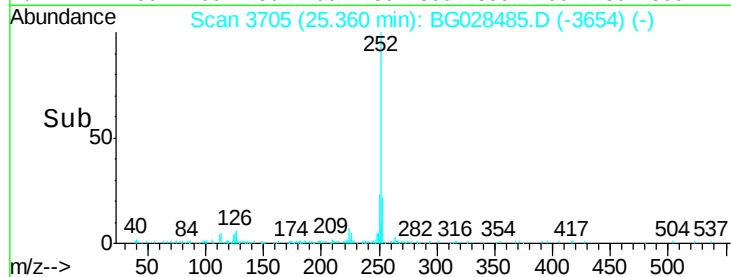
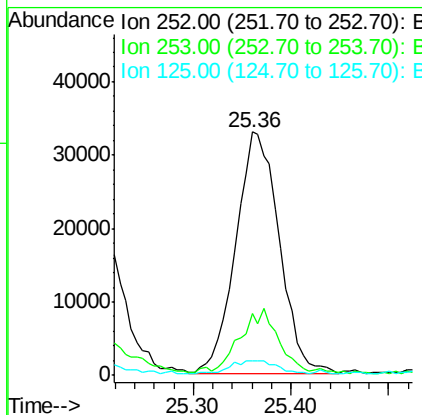
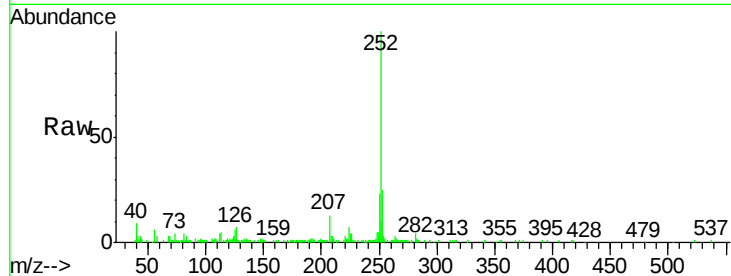
ClientSampleId :

B0AK9DL

Tgt Ion:	252	Resp:	101442
Ion Ratio	Lower	Upper	
252	100		
253	25.2	17.8	26.6
125	5.8	5.4	8.0

Manual Integrations
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#89

Indeno(1,2,3-cd)pyrene

Concen: 2.524 ng/ul

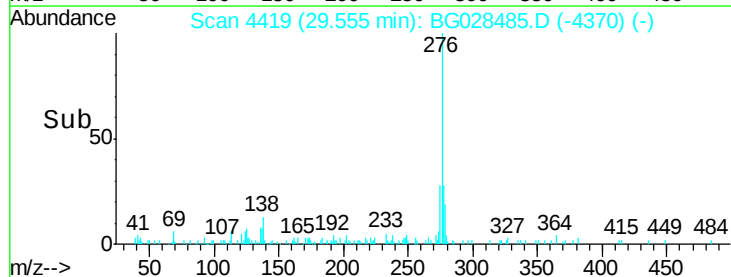
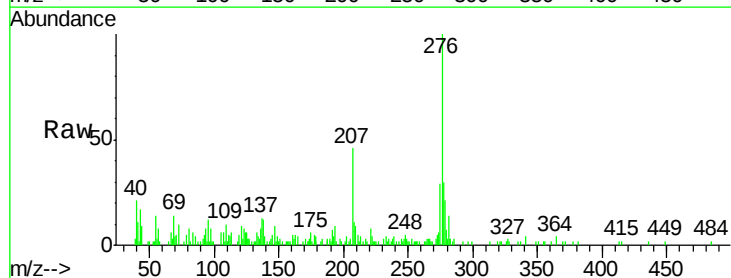
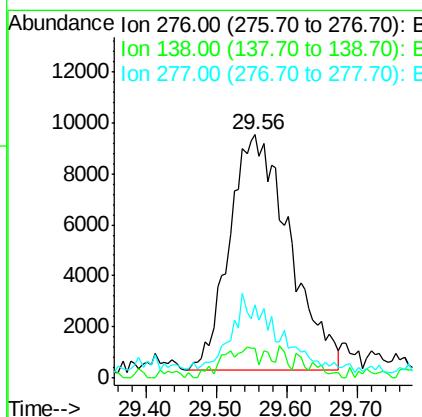
RT: 29.56 min Scan# 4419

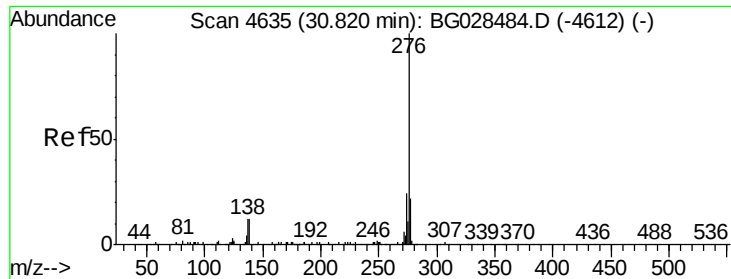
Delta R.T. -0.01 min

Lab File: BG028485.D

Acq: 25 Aug 2017 10:06

Tgt Ion:	276	Resp:	54441
Ion Ratio	Lower	Upper	
276	100		
138	12.0	8.2	12.4
277	30.3	18.6	28.0#





#91

Benzo(g,h,i)perylene

Concen: 2.320 ng/ul

RT: 30.83 min Scan# 4636

Delta R.T. 0.01 min

Lab File: BG028485.D

Acq: 25 Aug 2017 10:06

Instrument :

BNA_G

ClientSampleId :

B0AK9DL

Tgt Ion:	276	Resp:	41173
Ion Ratio	Lower	Upper	
276	100		
138	16.3	8.6	12.8#
277	22.5	17.6	26.4

Manual Integrations
APPROVED

Sohil
8/28/2017 3:16:30 PM

