

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082517\
 Data File : BG028493.D
 Acq On : 25 Aug 2017 15:45
 Operator : SJ/JU
 Sample : I4885-15
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B0AT3

Manual Integrations
 APPROVED

Sohil
 8/28/2017 3:16:41 PM

Quant Time: Aug 26 00:43:14 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	39721	20.00	ng/ul	0.00
18) Naphthalene-d8	11.16	136	170357	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.95	164	117466	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.71	188	273942	20.00	ng/ul	0.00
75) Chrysene-d12	22.03	240	313672	20.00	ng/ul	0.00
83) Perylene-d12	25.55	264	316652	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.82	96	3302	3.87	ng/uL	0.00
5) Phenol-d5	7.50	99	80242	18.39	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.66	67	55622	20.13	ng/ul	0.00
9) 2-Chlorophenol-d4	7.87	132	60531	21.99	ng/ul	0.00
13) 4-Methylphenol-d8	9.04	113	62691	17.19	ng/ul	0.00
19) Nitrobenzene-d5	9.51	128	34213	25.68	ng/ul	0.00
22) 2-Nitrophenol-d4	10.23	143	37459	25.65	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.78	165	72442	23.97	ng/ul	0.00
29) 4-Chloroaniline-d4	11.29	131	90769	26.99	ng/ul	0.00
43) Dimethylphthalate-d6	14.34	166	247544	23.69	ng/ul	0.00
46) Acenaphthylene-d8	14.65	160	295530	25.09	ng/ul	0.00
51) 4-Nitrophenol-d4	15.15	143	37878	22.80	ng/ul	0.00
57) Fluorene-d10	15.95	176	221505	23.63	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.07	200	34537	19.41	ng/ul	0.01
70) Anthracene-d10	17.81	188	375339	28.57	ng/ul	0.01
76) Pyrene-d10	20.08	212	432873	26.91	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.31	264	421621	28.44	ng/ul	0.02

Target Compounds

					Qvalue	
6) Phenol	7.51	94	6160	1.421	ng/ul#	85
44) Dimethylphthalate	14.39	163	154843	16.096	ng/ul#	95
49) Acenaphthene	15.03	153	31137	4.099	ng/ul#	61
53) Dibenzofuran	15.35	168	22831m	2.062	ng/ul	
58) Fluorene	16.00	166	62044	6.328	ng/ul#	86
69) Phenanthrene	17.75	178	294701	21.376	ng/ul#	94
71) Anthracene	17.84	178	27362	1.942	ng/ul#	84
74) Fluoranthene	19.74	202	100083	5.974	ng/ul	99
77) Pyrene	20.11	202	109569m	5.855	ng/ul	
80) Benzo(a)anthracene	22.01	228	46713	2.577	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.86	149	28346	2.843	ng/ul	98
82) Chrysene	22.08	228	38932	2.385	ng/ul	97
85) Benzo(b)fluoranthene	24.42	252	46277	2.442	ng/ul#	92
88) Benzo(a)pyrene	25.38	252	32115	1.750	ng/ul#	92

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

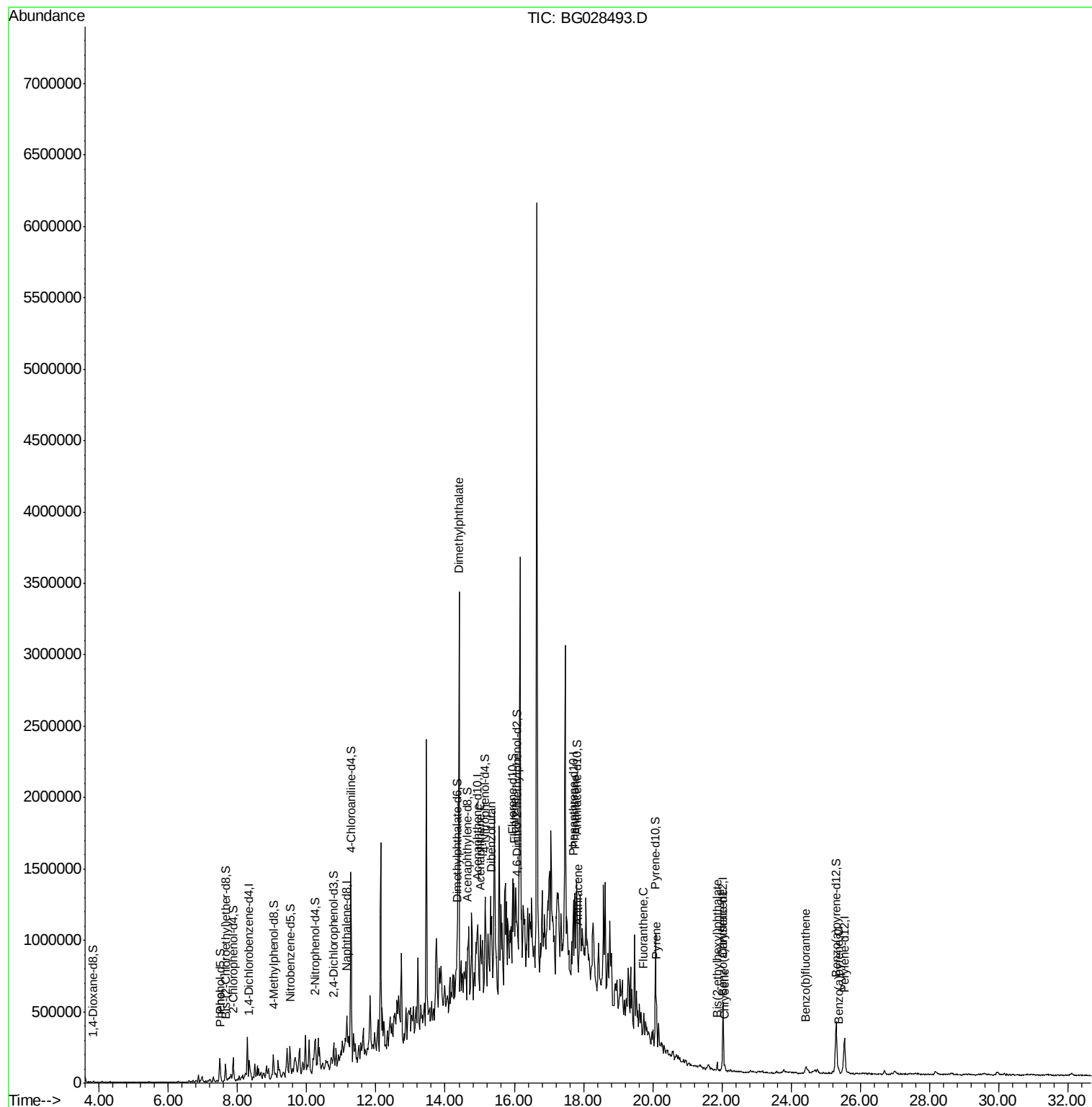
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082517\
Data File : BG028493.D
Acq On : 25 Aug 2017 15:45
Operator : SJ/JU
Sample : I4885-15
Misc :
ALS Vial : 11 Sample Multiplier: 1

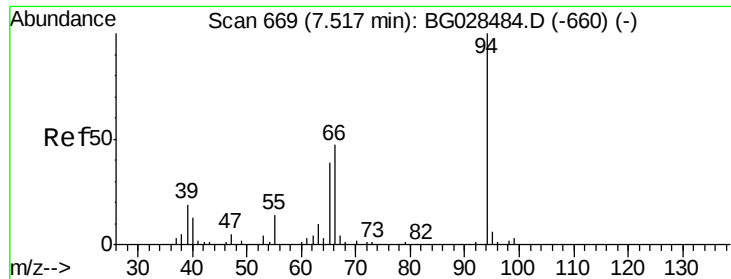
Instrument :
BNA_G
ClientSampleId :
B0AT3

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8/28/2017 3:16:41 PM

Quant Time: Aug 26 00:43:14 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





#6

Phenol

Concen: 1.421 ng/ul

RT: 7.51 min Scan# 668

Delta R.T. -0.00 min

Lab File: BG028493.D

Acq: 25 Aug 2017 15:45

Instrument :

BNA_G

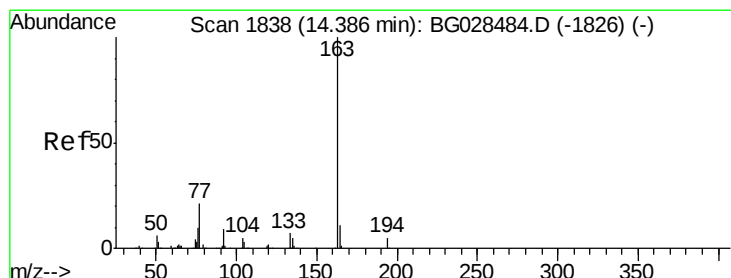
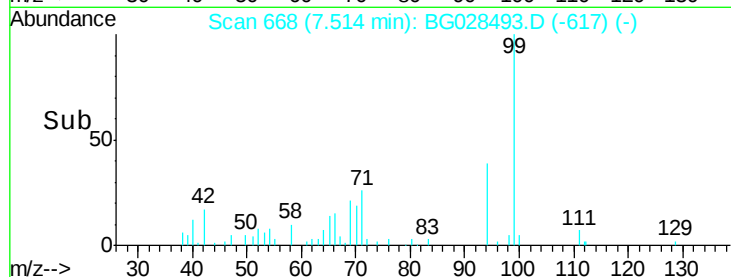
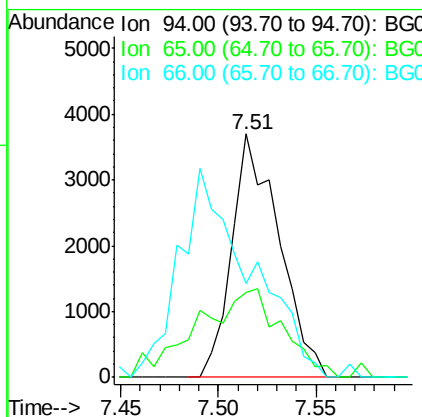
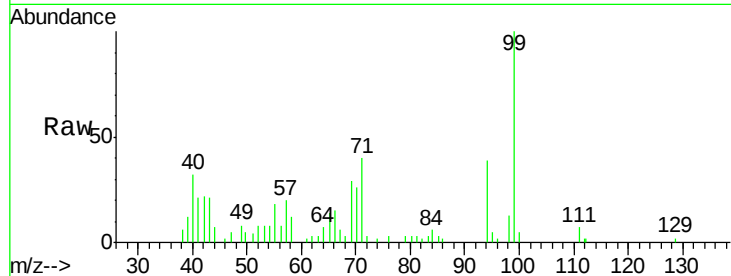
ClientSampled :

B0AT3

Tgt Ion:	94	Resp:	6160
Ion Ratio	Lower	Upper	
94	100		
65	34.8	26.8	40.2
66	38.7	44.4	66.6#

Manual Integrations
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#44

Dimethylphthalate

Concen: 16.096 ng/ul

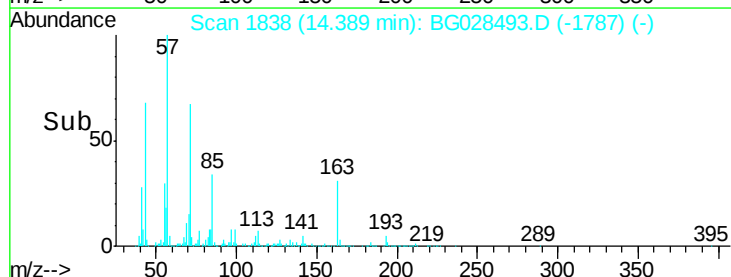
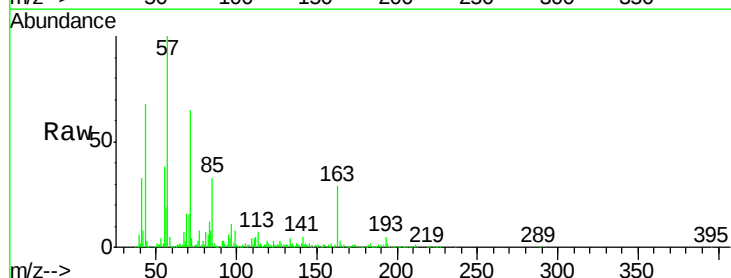
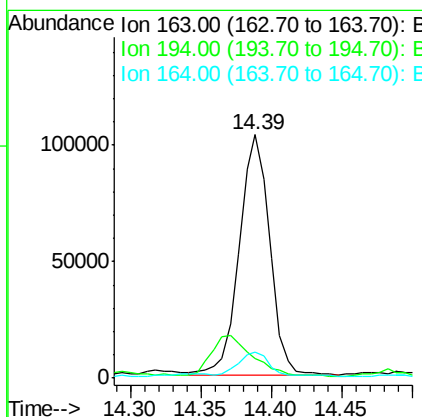
RT: 14.39 min Scan# 1838

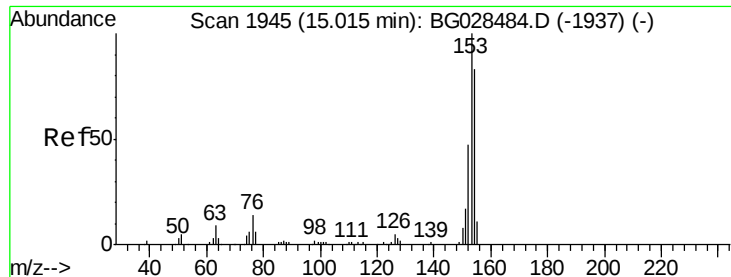
Delta R.T. 0.00 min

Lab File: BG028493.D

Acq: 25 Aug 2017 15:45

Tgt Ion:	163	Resp:	154843
Ion Ratio	Lower	Upper	
163	100		
194	8.2	3.4	5.0#
164	10.6	9.0	13.4





#49

Acenaphthene

Concen: 4.099 ng/ul

RT: 15.03 min Scan# 1947

Delta R.T. 0.01 min

Lab File: BG028493.D

Acq: 25 Aug 2017 15:45

Instrument :

BNA_G

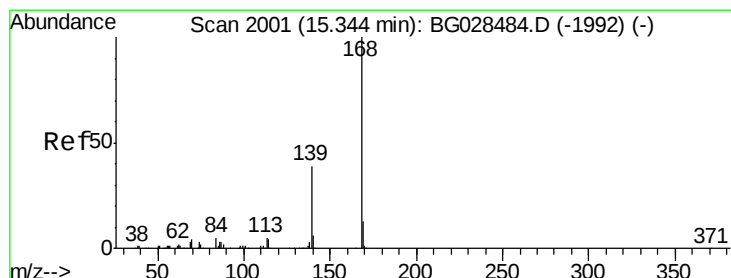
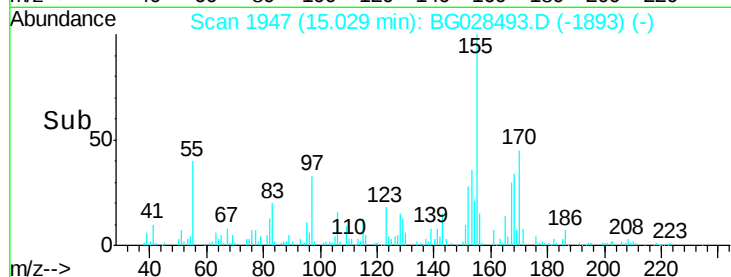
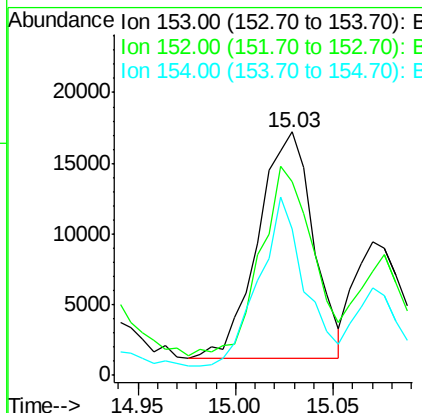
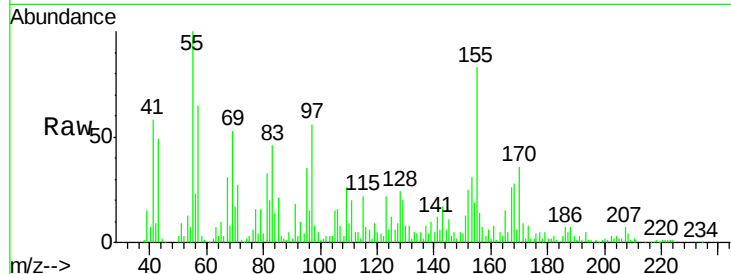
ClientSampleId :

B0AT3

Tgt Ion	Ratio	Lower	Upper
153	100		
152	79.4	36.5	54.7#
154	60.0	72.3	108.5#

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#53

Dibenzofuran

Concen: 2.062 ng/ul m

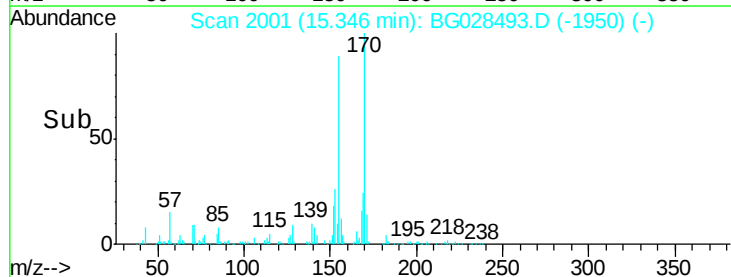
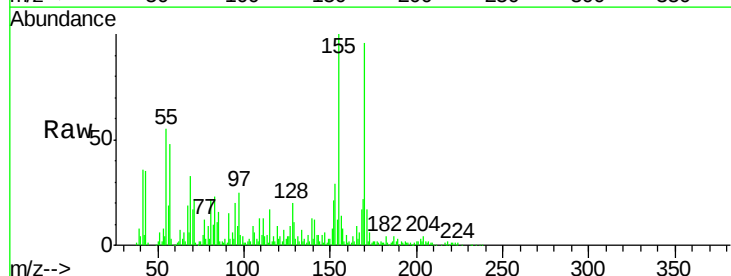
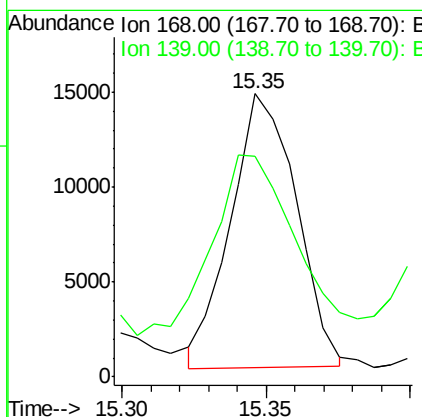
RT: 15.35 min Scan# 2001

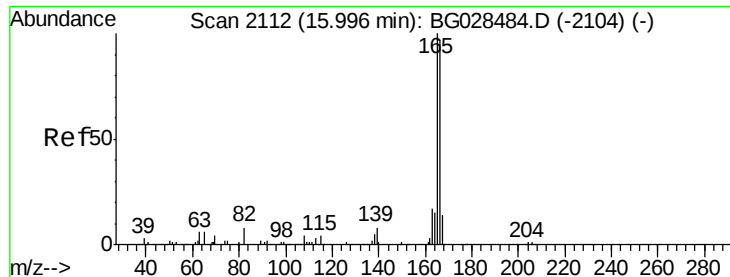
Delta R.T. 0.00 min

Lab File: BG028493.D

Acq: 25 Aug 2017 15:45

Tgt Ion	Ratio	Lower	Upper
168	100		
139	77.9	33.8	50.8#





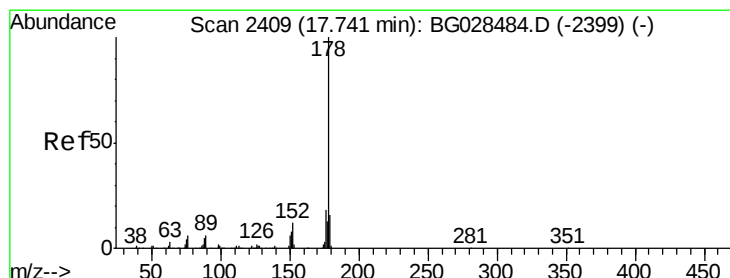
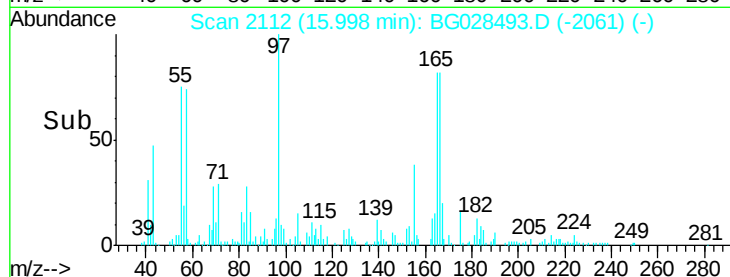
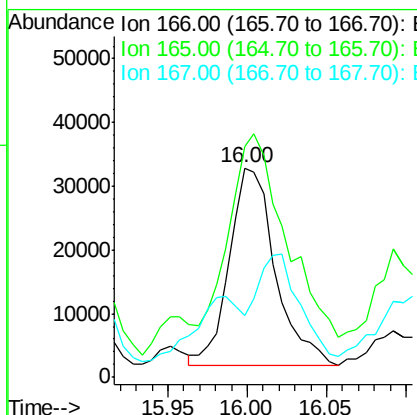
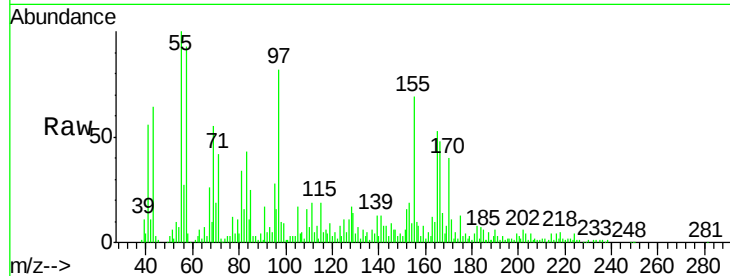
#58
 Fluorene
 Concen: 6.328 ng/ul
 RT: 16.00 min Scan# 2112
 Delta R.T. 0.00 min
 Lab File: BG028493.D
 Acq: 25 Aug 2017 15:45

Instrument :
 BNA_G
 ClientSampleId :
 B0AT3

Tgt Ion	Ratio	Lower	Upper
166	100		
165	110.3	79.7	119.5
167	29.5	11.4	17.2#

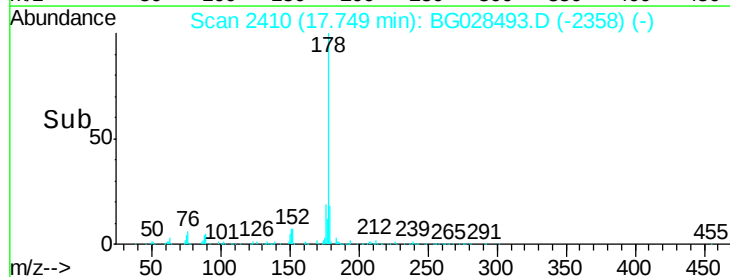
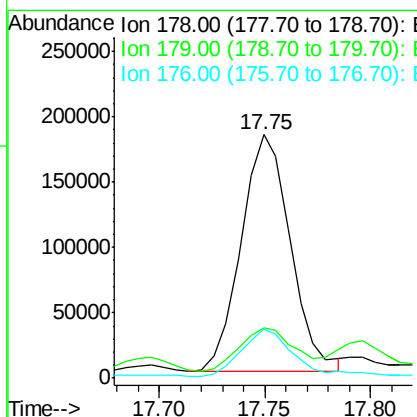
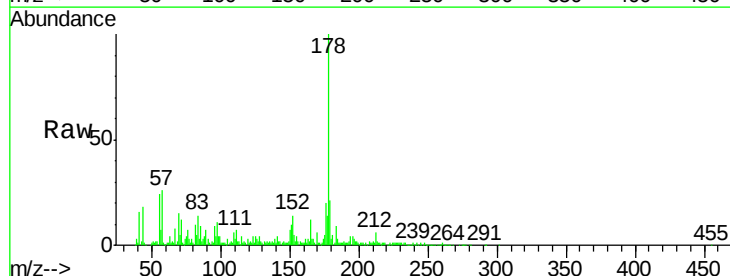
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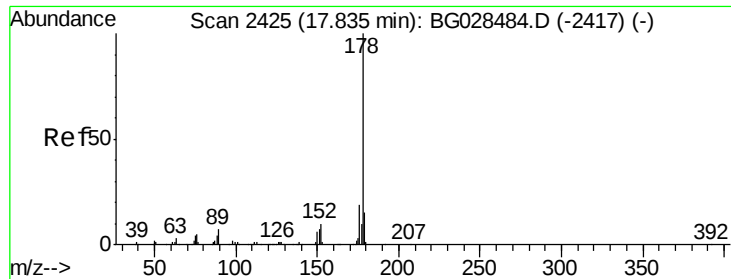
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#69
 Phenanthrene
 Concen: 21.376 ng/ul
 RT: 17.75 min Scan# 2410
 Delta R.T. 0.01 min
 Lab File: BG028493.D
 Acq: 25 Aug 2017 15:45

Tgt Ion	Ratio	Lower	Upper
178	100		
179	20.8	12.4	18.6#
176	20.0	16.5	24.7





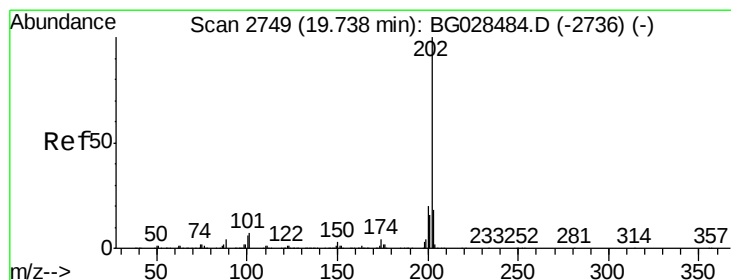
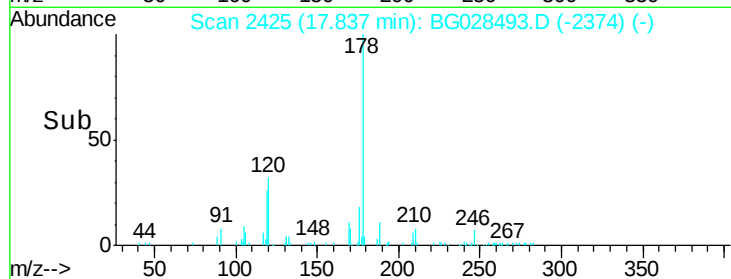
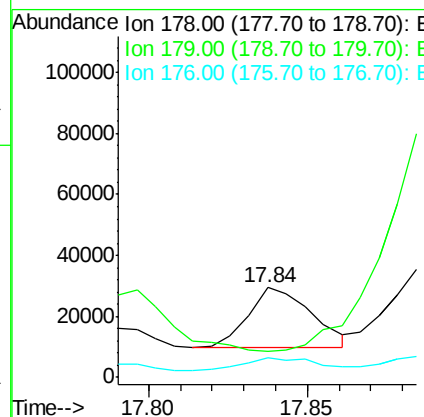
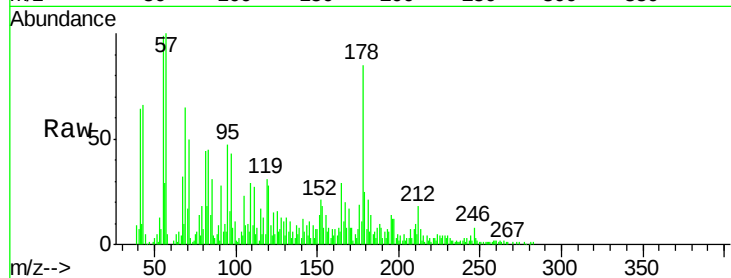
#71
 Anthracene
 Concen: 1.942 ng/ul
 RT: 17.84 min Scan# 2425
 Delta R.T. 0.00 min
 Lab File: BG028493.D
 Acq: 25 Aug 2017 15:45

Instrument :
 BNA_G
 ClientSampled :
 B0AT3

Tgt Ion	Ratio	Lower	Upper
178	100		
179	29.1	12.6	19.0#
176	21.9	15.9	23.9

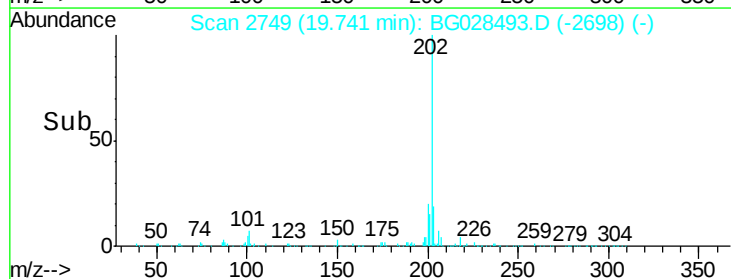
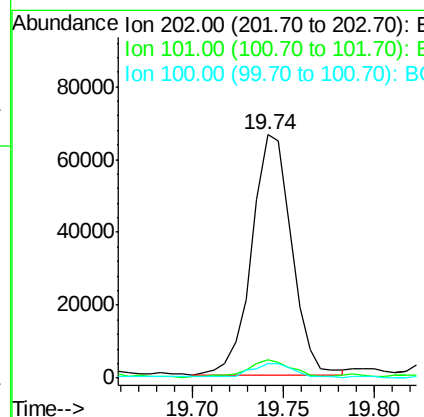
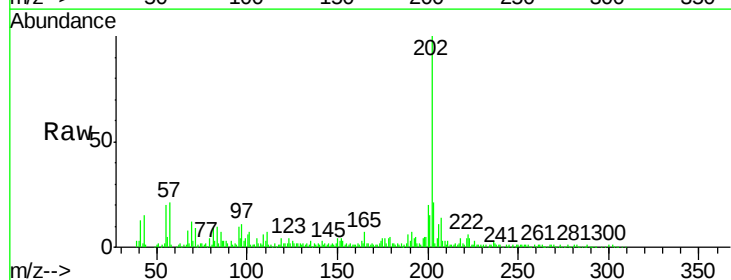
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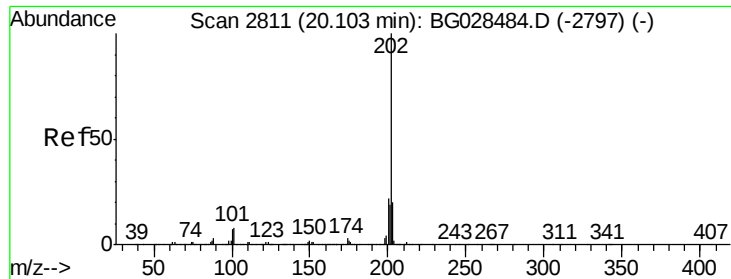
Sohil
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#74
 Fluoranthene
 Concen: 5.974 ng/ul
 RT: 19.74 min Scan# 2749
 Delta R.T. 0.00 min
 Lab File: BG028493.D
 Acq: 25 Aug 2017 15:45

Tgt Ion	Ratio	Lower	Upper
202	100		
101	7.4	6.2	9.2
100	5.9	5.2	7.8





#77

Pyrene

Concen: 5.855 ng/ul m

RT: 20.11 min Scan# 2811

Delta R.T. 0.00 min

Lab File: BG028493.D

Acq: 25 Aug 2017 15:45

Instrument :

BNA_G

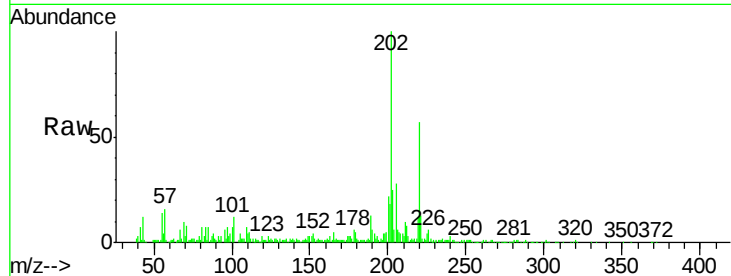
ClientSampleId :

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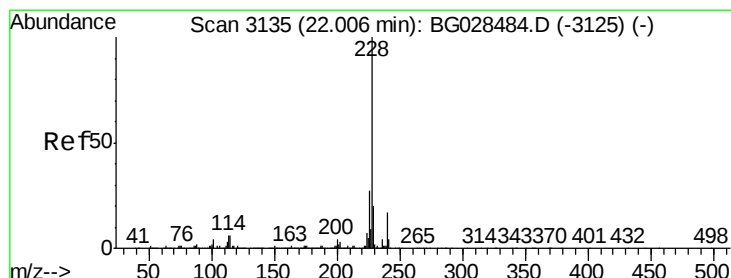
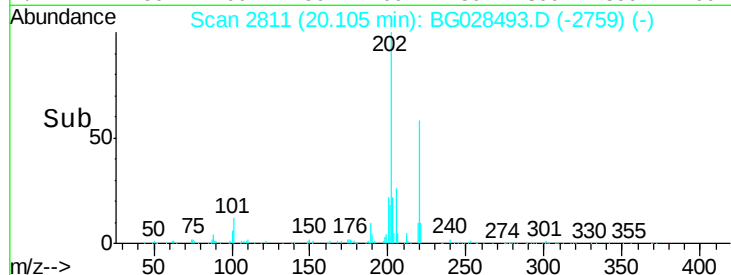
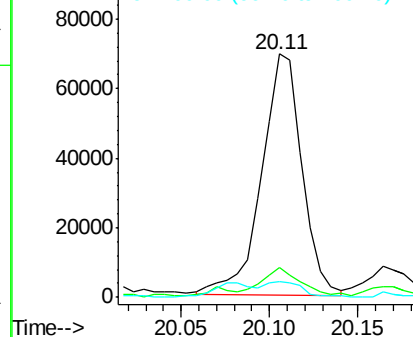
Tgt Ion:	202	Resp:	109569
Ion Ratio	Lower	Upper	
202	100		
101	12.1	6.9	10.3#
100	6.6	6.6	10.0#

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



#80

Benzo(a)anthracene

Concen: 2.577 ng/ul

RT: 22.01 min Scan# 3135

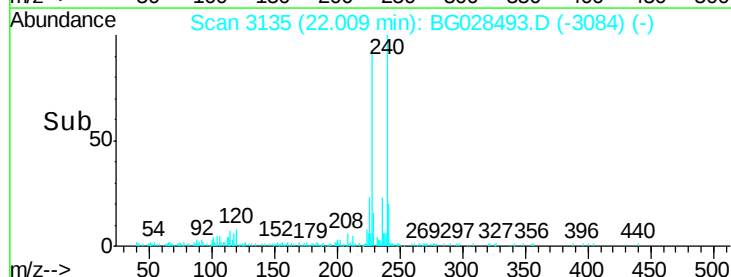
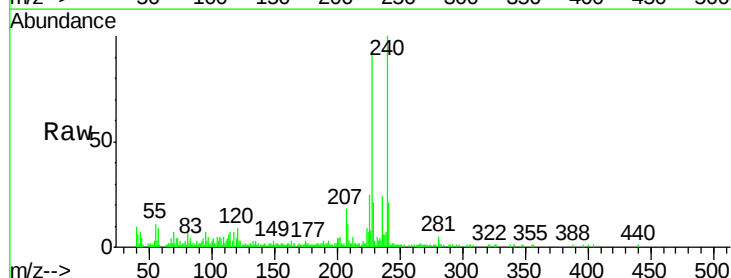
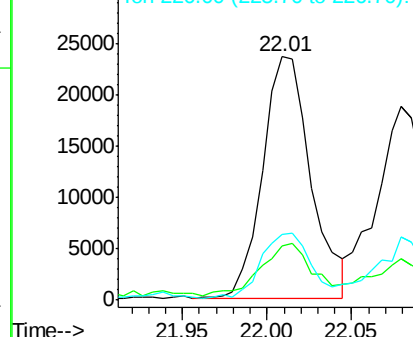
Delta R.T. 0.00 min

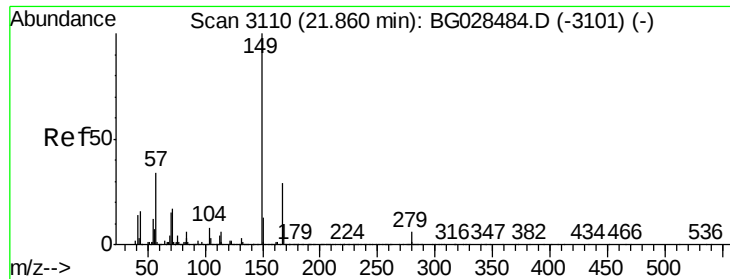
Lab File: BG028493.D

Acq: 25 Aug 2017 15:45

Tgt Ion:	228	Resp:	46713
Ion Ratio	Lower	Upper	
228	100		
229	22.1	16.3	24.5
226	27.0	21.9	32.9

Abundance Ion 228.00 (227.70 to 228.70): E
Ion 229.00 (228.70 to 229.70): E
Ion 226.00 (225.70 to 226.70): E





#81

Bis(2-ethylhexyl)phthalate

Concen: 2.843 ng/ul

RT: 21.86 min Scan# 3110

Delta R.T. 0.00 min

Lab File: BG028493.D

Acq: 25 Aug 2017 15:45

Instrument :

BNA_G

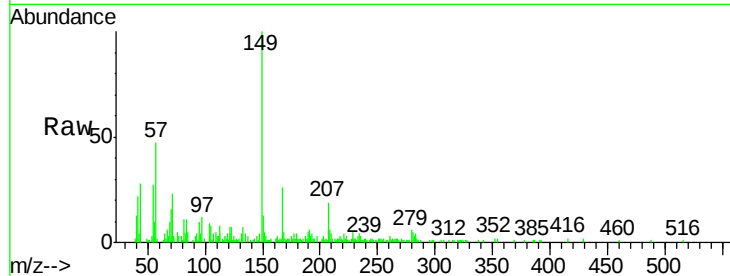
ClientSampleId :

B0AT3

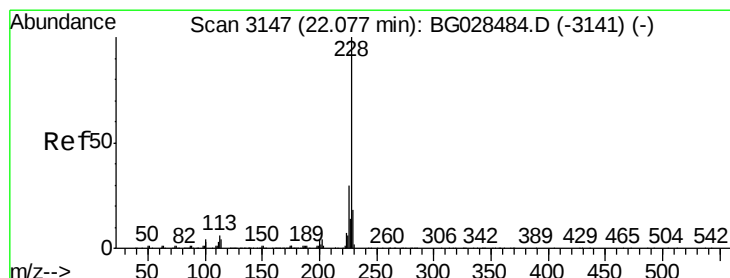
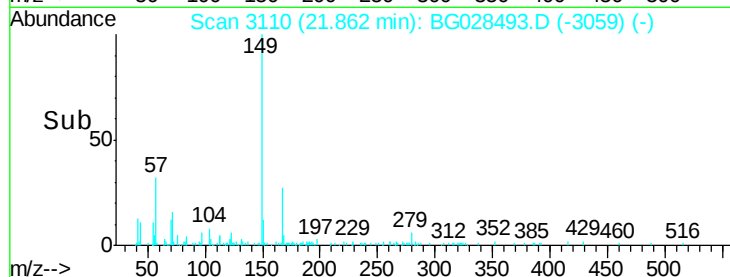
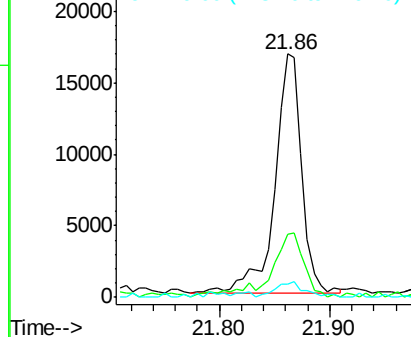
Tgt Ion:	149	Resp:	28346
Ion Ratio	Lower	Upper	
149	100		
167	26.0	21.8	32.8
279	5.5	4.5	6.7

Manual Integrations
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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#82

Chrysene

Concen: 2.385 ng/ul

RT: 22.08 min Scan# 3147

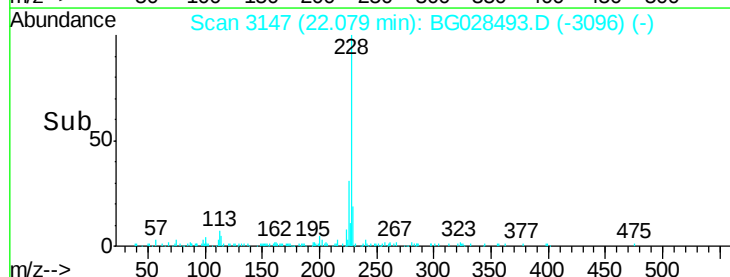
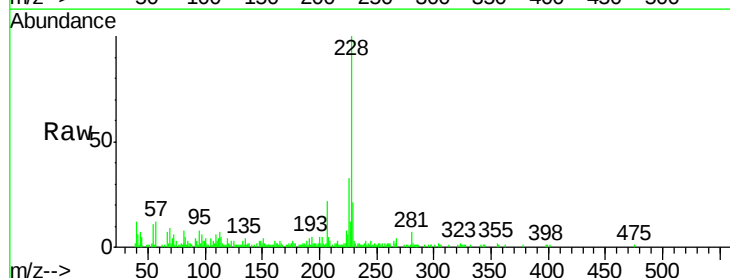
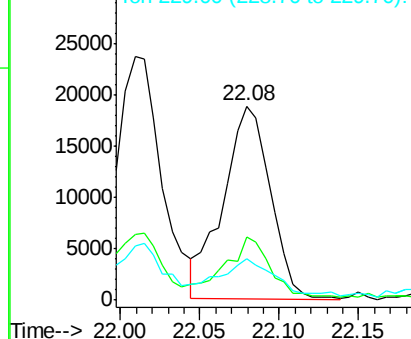
Delta R.T. 0.00 min

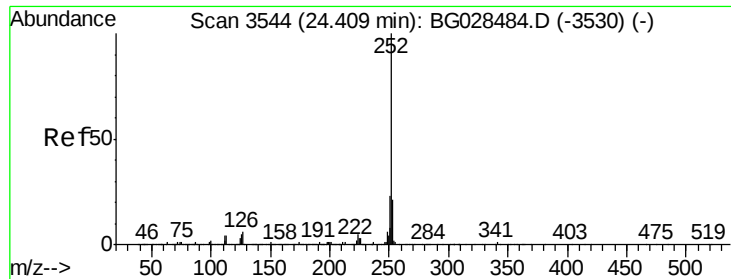
Lab File: BG028493.D

Acq: 25 Aug 2017 15:45

Tgt Ion:	228	Resp:	38932
Ion Ratio	Lower	Upper	
228	100		
226	32.8	24.0	36.0
229	21.1	16.9	25.3

Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





#85

Benzo(b)fluoranthene

Concen: 2.442 ng/ul

RT: 24.42 min Scan# 3546

Delta R.T. 0.01 min

Lab File: BG028493.D

Acq: 25 Aug 2017 15:45

Instrument :

BNA_G

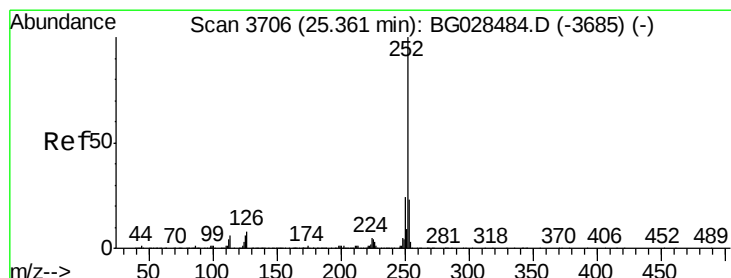
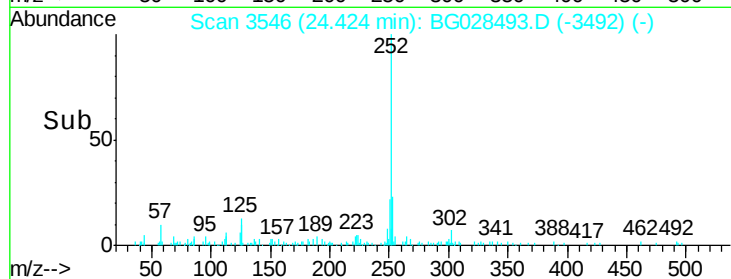
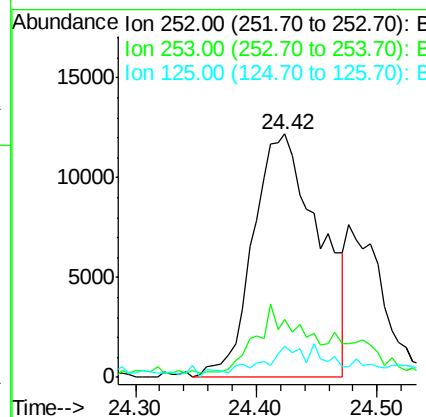
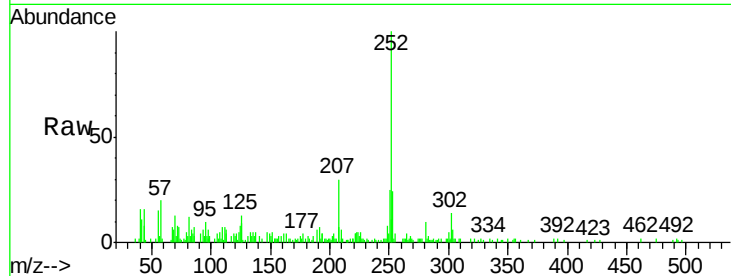
ClientSampleId :

B0AT3

Tgt Ion:	252	Resp:	46277
Ion Ratio	Lower	Upper	
252	100		
253	24.0	17.7	26.5
125	13.0	4.0	6.0#

Manual Integrations
APPROVED

Sohil
8/28/2017 3:16:41 PM



#88

Benzo(a)pyrene

Concen: 1.750 ng/ul

RT: 25.38 min Scan# 3708

Delta R.T. 0.01 min

Lab File: BG028493.D

Acq: 25 Aug 2017 15:45

Tgt Ion:	252	Resp:	32115
Ion Ratio	Lower	Upper	
252	100		
253	23.7	17.8	26.6
125	15.6	5.4	8.0#

