

Data Path : Z:\HPCHEM1\BNA G\DATA\BG081017\
 Data File : BG028283.D
 Acq On : 11 Aug 2017 7:13
 Operator : SJ/JU
 Sample : I4550-10
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AF4

Manual Integrations
 APPROVED

Sohil
 8/14/2017 4:03:20 PM

Quant Time: Aug 11 15:28:29 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Aug 11 04:08:50 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.36	152	48248	20.00	ng/ul	0.00
18) Naphthalene-d8	11.17	136	204623	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.96	164	143078	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.71	188	353453	20.00	ng/ul	0.00
75) Chrysene-d12	22.03	240	390169	20.00	ng/ul	0.00
83) Perylene-d12	25.54	264	374147	20.00	ng/ul	0.00

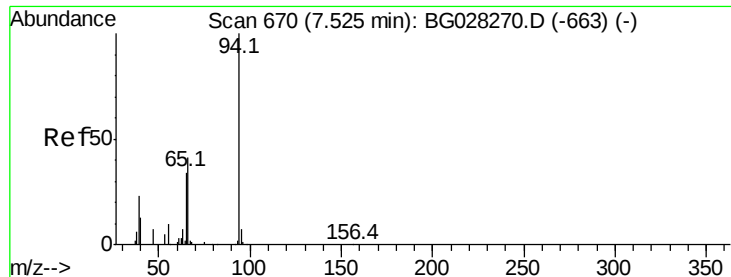
System Monitoring Compounds

3) 1,4-Dioxane-d8	3.84	96	3318	3.20	ng/uL	0.00
5) Phenol-d5	7.50	99	93102	17.57	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.67	67	57293	17.07	ng/ul	0.00
9) 2-Chlorophenol-d4	7.89	132	65603	19.62	ng/ul	0.00
13) 4-Methylphenol-d8	9.05	113	75536	17.06	ng/ul	0.00
19) Nitrobenzene-d5	9.52	128	31493	19.68	ng/ul	0.00
22) 2-Nitrophenol-d4	10.25	143	37102	21.15	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.79	165	74539	20.54	ng/ul	0.00
29) 4-Chloroaniline-d4	11.31	131	55616	13.77	ng/ul	0.00
43) Dimethylphthalate-d6	14.35	166	270270	21.24	ng/ul	0.00
46) Acenaphthylene-d8	14.65	160	295554	20.60	ng/ul	0.00
51) 4-Nitrophenol-d4	15.15	143	32317	15.97	ng/ul	0.00
57) Fluorene-d10	15.95	176	226512	19.84	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.06	200	39279	17.11	ng/ul	0.00
70) Anthracene-d10	17.80	188	367962m	21.71	ng/ul	0.00
76) Pyrene-d10	20.08	212	431878	21.58	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.29	264	387108	22.10	ng/ul	0.00

Target Compounds

					Ovalue	
6) Phenol	7.53	94	15432	2.930	ng/ul	96
44) Dimethylphthalate	14.40	163	74355	6.346	ng/ul	98
69) Phenanthrene	17.75	178	49175	2.765	ng/ul	98
71) Anthracene	17.84	178	18685	1.028	ng/ul	97
74) Fluoranthene	19.75	202	164195	7.595	ng/ul	97
77) Pyrene	20.11	202	146941	6.312	ng/ul	99
80) Benzo(a)anthracene	22.02	228	103087	4.573	ng/ul	94
82) Chrysene	22.09	228	86427	4.257	ng/ul	98
85) Benzo(b)fluoranthene	24.42	252	99600	4.449	ng/ul#	95
86) Benzo(k)fluoranthene	24.49	252	31326m	1.432	ng/ul	
88) Benzo(a)pyrene	25.37	252	76685	3.537	ng/ul	93
89) Indeno(1,2,3-cd)pyrene	29.54	276	38653	1.523	ng/ul#	88
91) Benzo(g,h,i)perylene	30.81	276	25412	1.217	ng/ul#	88

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



#6

Phenol

Concen: 2.930 ng/ul

RT: 7.53 min Scan# 670

Delta R.T. 0.00 min

Lab File: BG028283.D

Acq: 11 Aug 2017 7:13

Instrument :

BNA_G

ClientSampled :

C0AF4

Tot Ion: 94 Resp: 15432

Ion Ratio Lower Upper

94 100

65 36.7 26.8 40.2

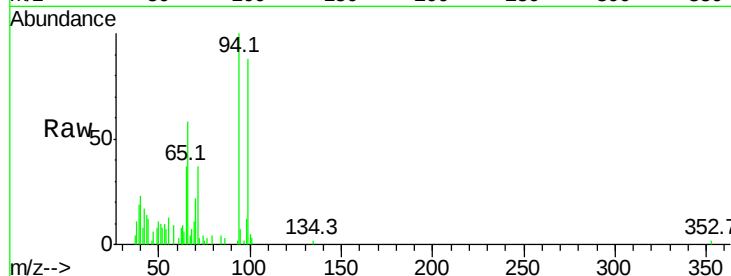
66 57.7 44.4 66.6

Manual Integrations

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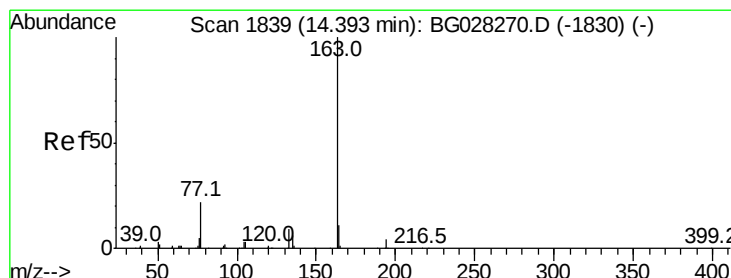
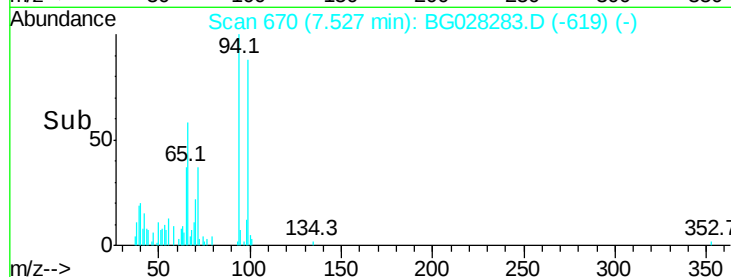
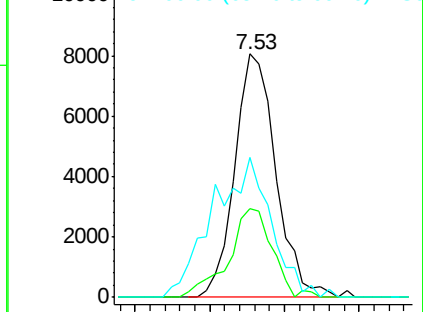
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Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC



#44

Dimethylphthalate

Concen: 6.346 ng/ul

RT: 14.40 min Scan# 1839

Delta R.T. 0.00 min

Lab File: BG028283.D

Acq: 11 Aug 2017 7:13

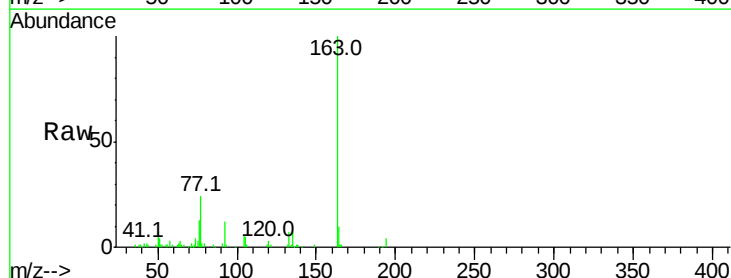
Tgt Ion:163 Resp: 74355

Ion Ratio Lower Upper

163 100

194 4.1 3.4 5.0

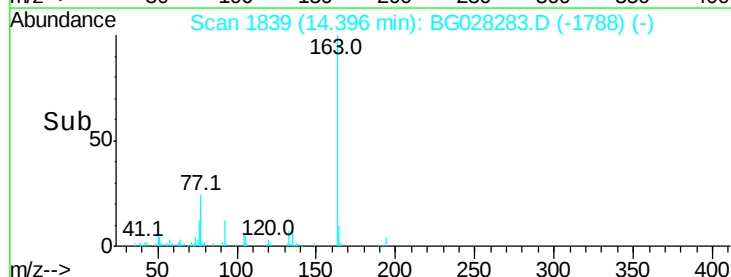
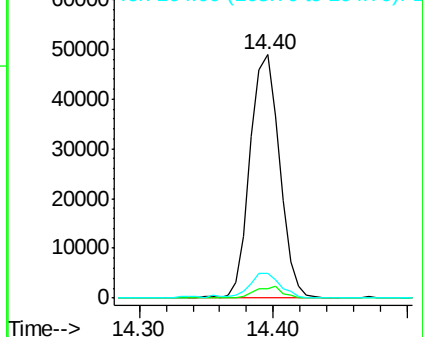
164 10.0 9.0 13.4

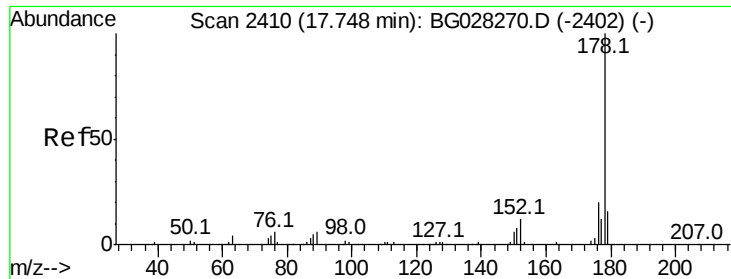


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





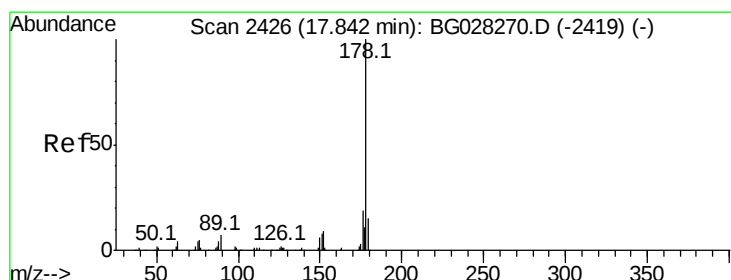
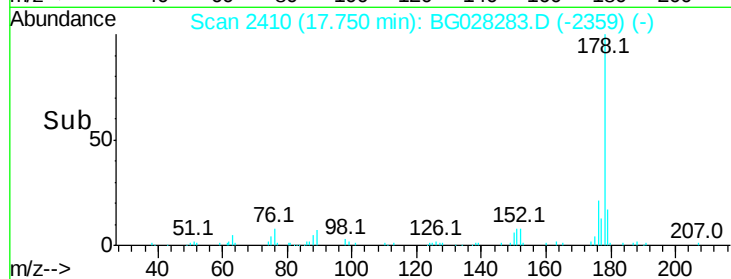
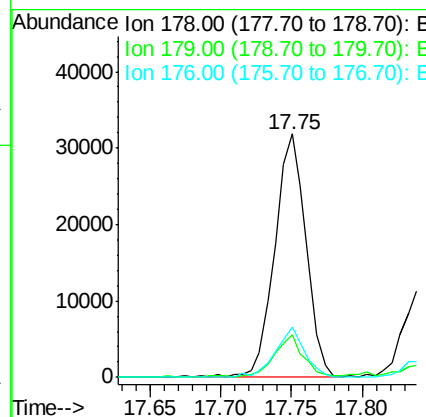
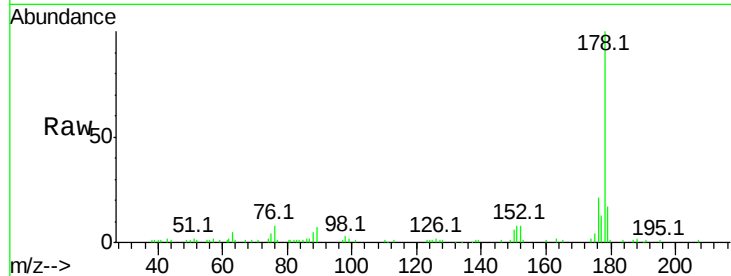
#69
 Phenanthrene
 Concen: 2.765 ng/ul
 RT: 17.75 min Scan# 2410
 Delta R.T. 0.00 min
 Lab File: BG028283.D
 Acq: 11 Aug 2017 7:13

Instrument :
 BNA_G
 ClientSampleId :
 C0AF4

Tot Ion	Ratio	Lower	Upper
178	100		
179	17.4	12.4	18.6
176	20.6	16.5	24.7

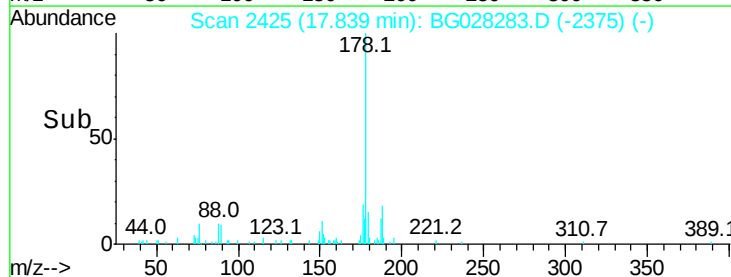
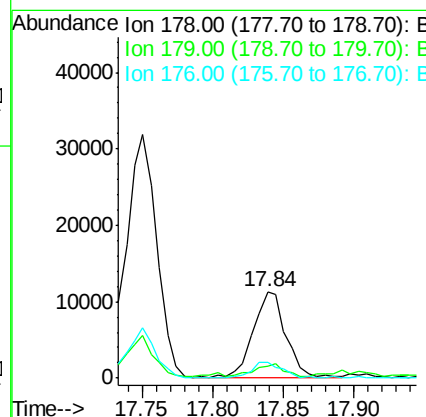
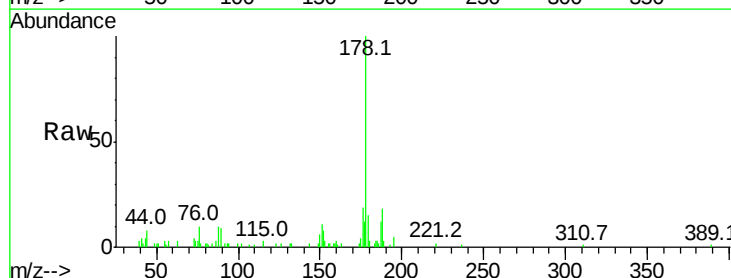
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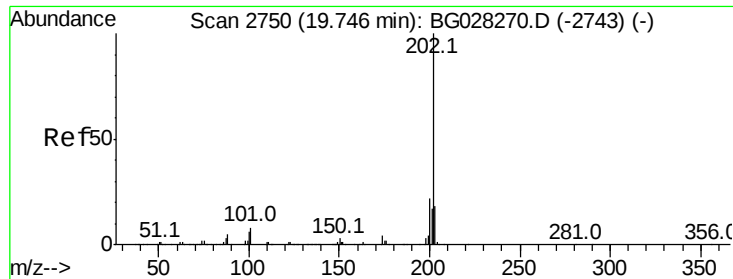
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#71
 Anthracene
 Concen: 1.028 ng/ul
 RT: 17.84 min Scan# 2425
 Delta R.T. -0.00 min
 Lab File: BG028283.D
 Acq: 11 Aug 2017 7:13

Tgt Ion	Ratio	Lower	Upper
178	100		
179	14.5	12.6	19.0
176	18.5	15.9	23.9





#74

Fluoranthene

Concen: 7.595 ng/ul

RT: 19.75 min Scan# 2750

Delta R.T. 0.00 min

Lab File: BG028283.D

Acq: 11 Aug 2017 7:13

Instrument :

BNA_G

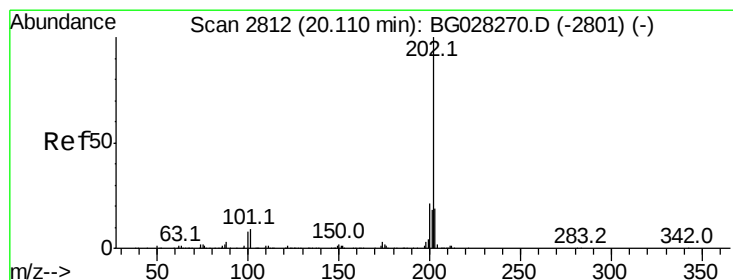
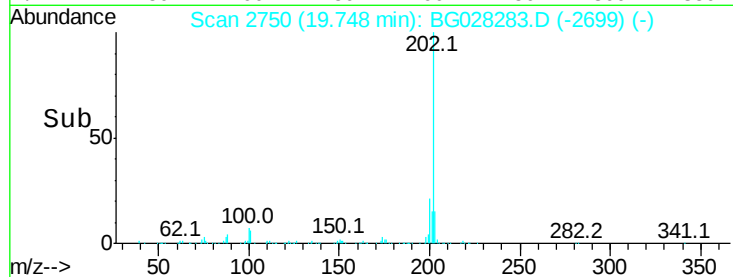
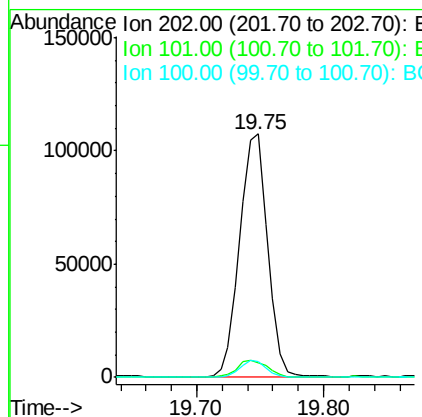
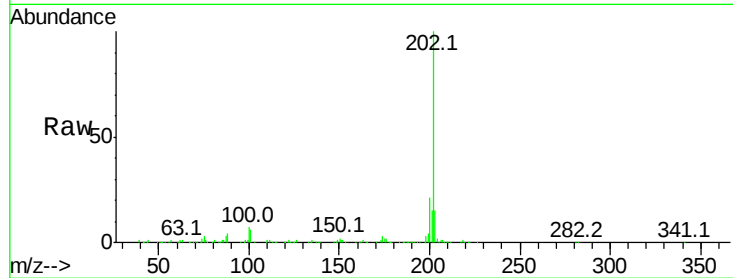
ClientSampled :

C0AF4

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	6.2	6.2	9.2
100	6.7	5.2	7.8

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#77

Pyrene

Concen: 6.312 ng/ul

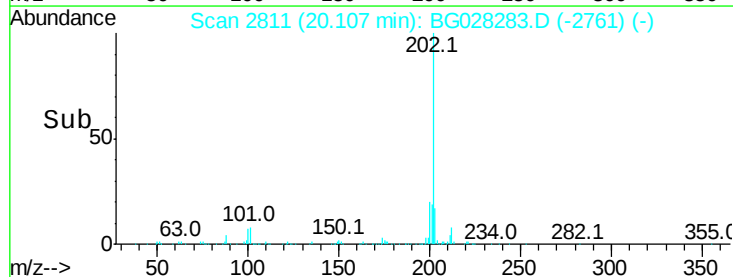
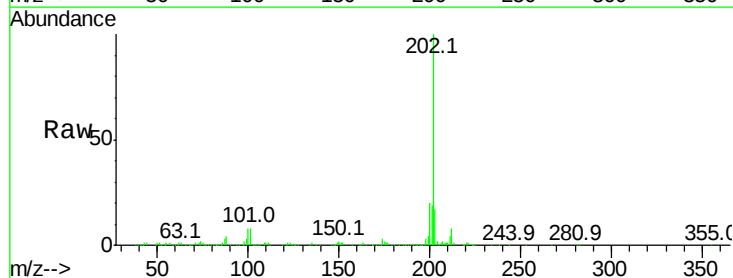
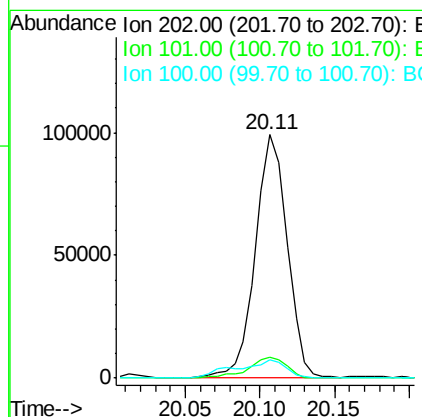
RT: 20.11 min Scan# 2811

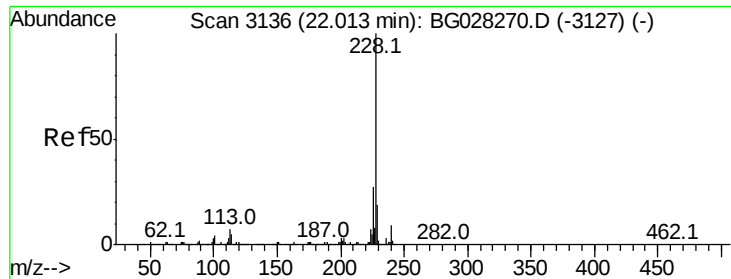
Delta R.T. -0.00 min

Lab File: BG028283.D

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Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	8.5	6.9	10.3
100	7.6	6.6	10.0





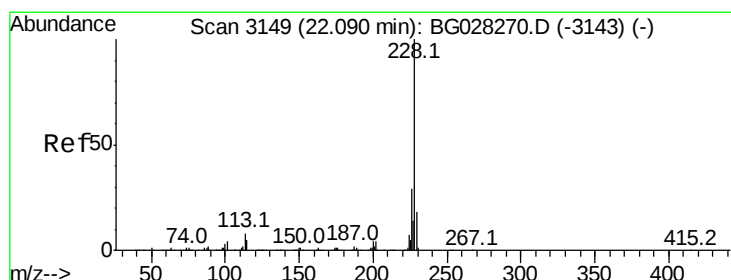
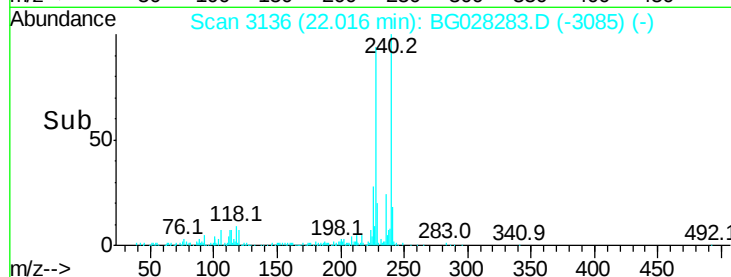
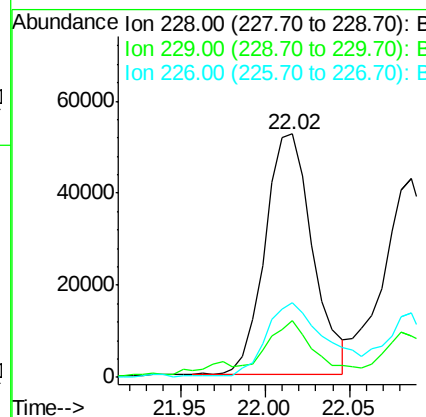
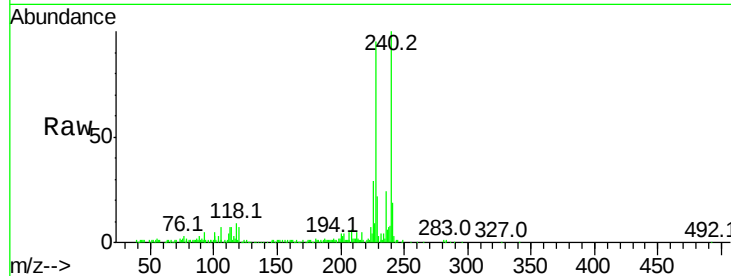
#80
Benzo(a)anthracene
Concen: 4.573 ng/ul
RT: 22.02 min Scan# 3136
Delta R.T. 0.00 min
Lab File: BG028283.D
Acq: 11 Aug 2017 7:13

Instrument :
BNA_G
ClientSampleId :
C0AF4

Tot Ion	Ratio	Lower	Upper
228	100		
229	23.6	16.3	24.5
226	30.7	21.9	32.9

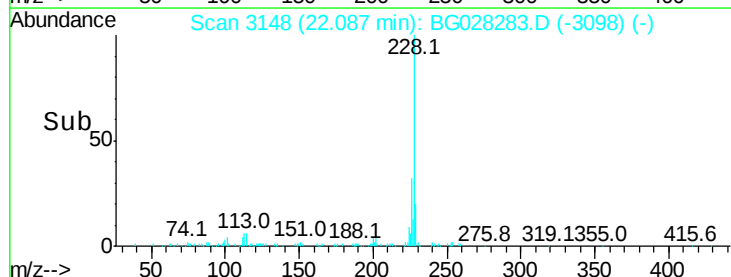
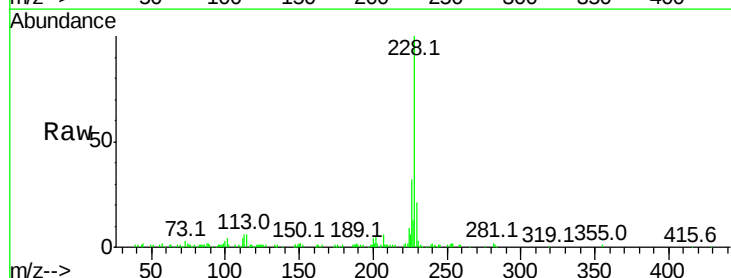
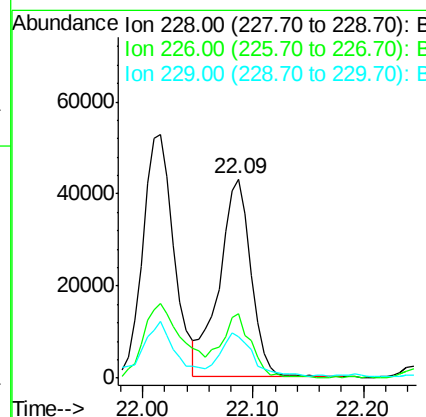
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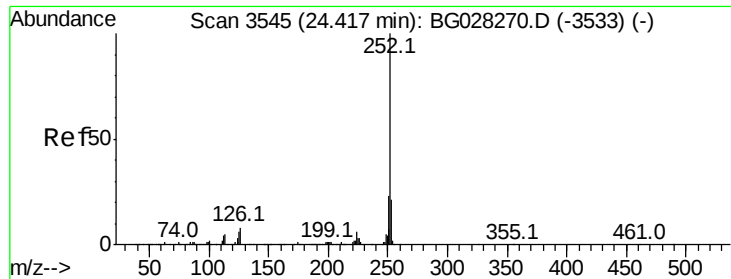
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#82
Chrysene
Concen: 4.257 ng/ul
RT: 22.09 min Scan# 3148
Delta R.T. -0.00 min
Lab File: BG028283.D
Acq: 11 Aug 2017 7:13

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.3	24.0	36.0
229	21.1	16.9	25.3





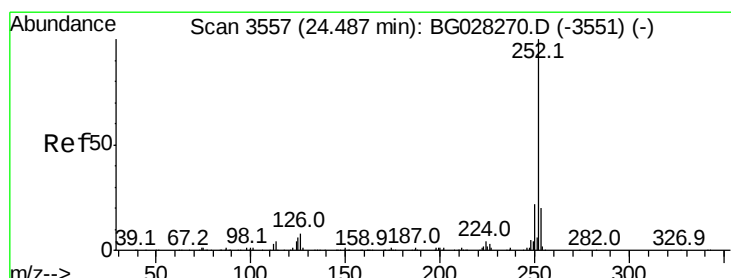
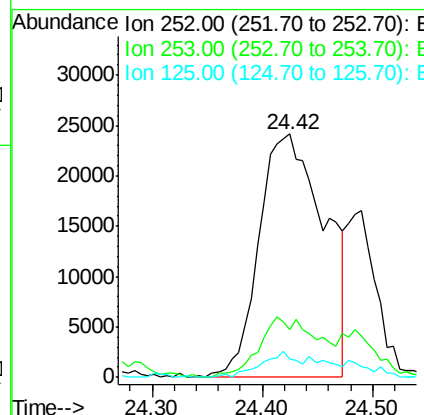
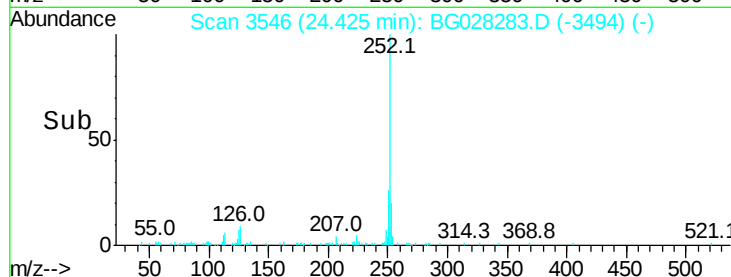
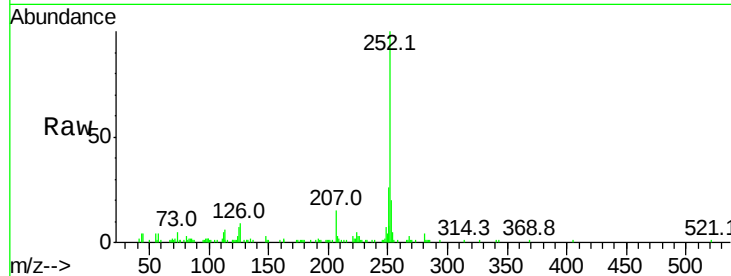
#85
Benzo(b)fluoranthene
Concen: 4.449 ng/ul
RT: 24.42 min Scan# 3546
Delta R.T. 0.01 min
Lab File: BG028283.D
Acq: 11 Aug 2017 7:13

Instrument :
BNA_G
ClientSampleId :
C0AF4

Tot Ion	Ratio	Lower	Upper
252	100		
253	19.9	17.7	26.5
125	7.4	4.0	6.0#

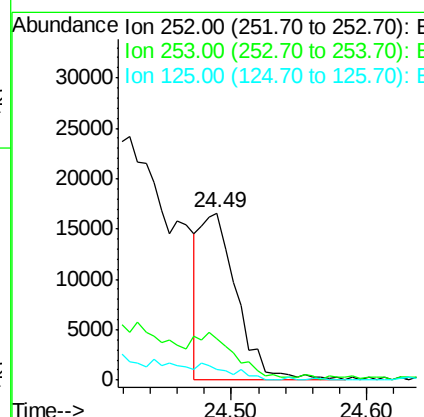
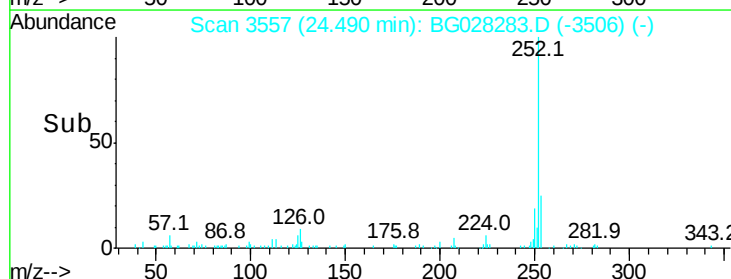
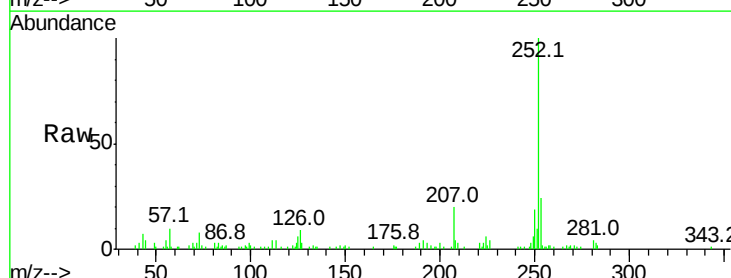
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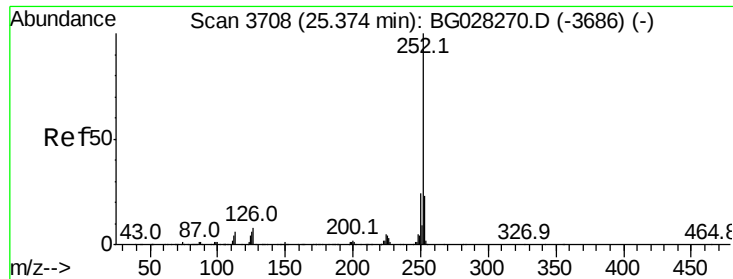
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#86
Benzo(k)fluoranthene
Concen: 1.432 ng/ul m
RT: 24.49 min Scan# 3557
Delta R.T. 0.00 min
Lab File: BG028283.D
Acq: 11 Aug 2017 7:13

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.4	18.5	27.7
125	6.3	4.1	6.1#





#88

Benzo(a)pyrene

Concen: 3.537 ng/ul

RT: 25.37 min Scan# 3707

Delta R.T. -0.00 min

Lab File: BG028283.D

Acq: 11 Aug 2017 7:13

Instrument :

BNA_G

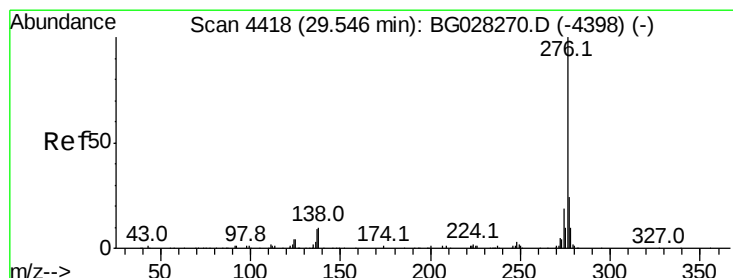
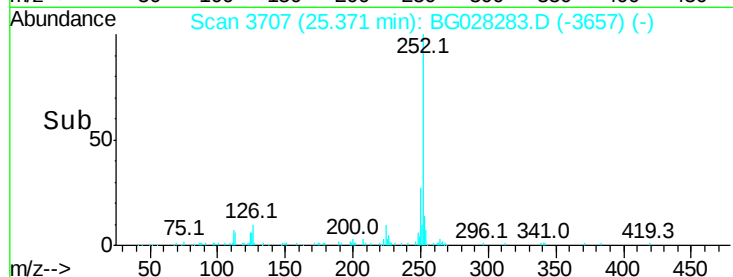
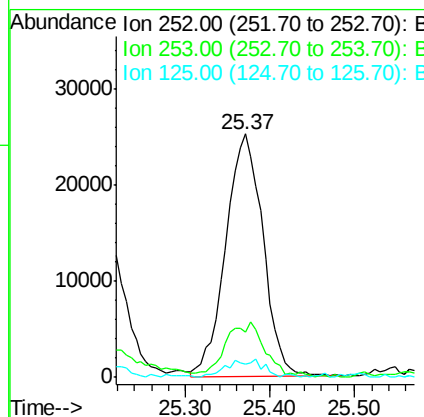
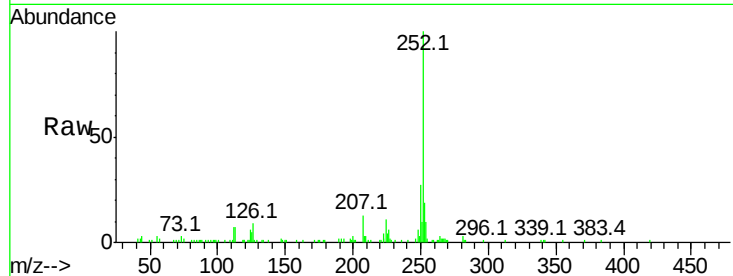
ClientSampleId :

C0AF4

Tot Ion:	252	Resp:	76685
Ion Ratio	Lower	Upper	
252	100		
253	18.6	17.8	26.6
125	5.4	5.4	8.0

Manual Integrations
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#89

Indeno(1,2,3-cd)pyrene

Concen: 1.523 ng/ul

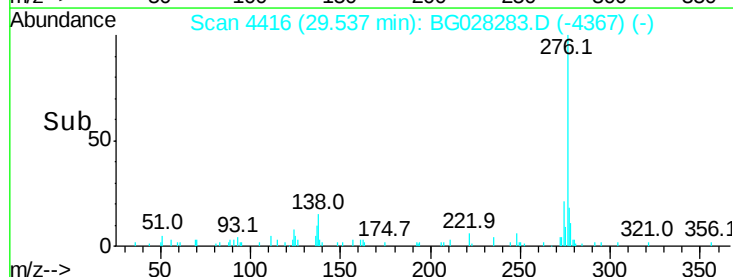
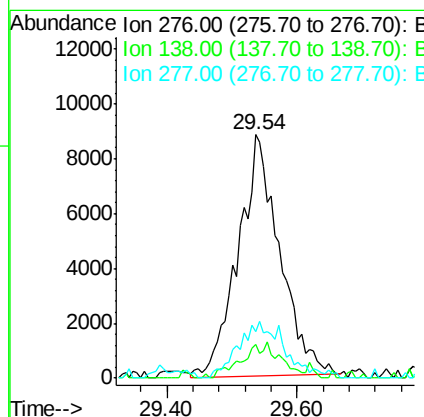
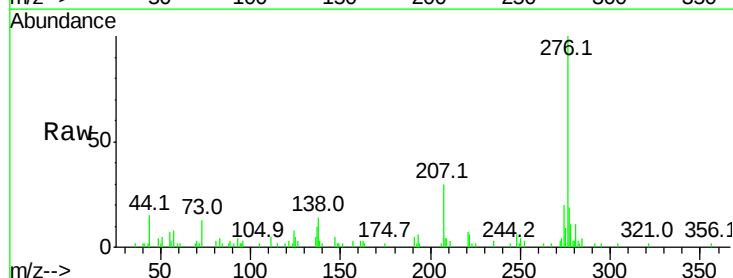
RT: 29.54 min Scan# 4416

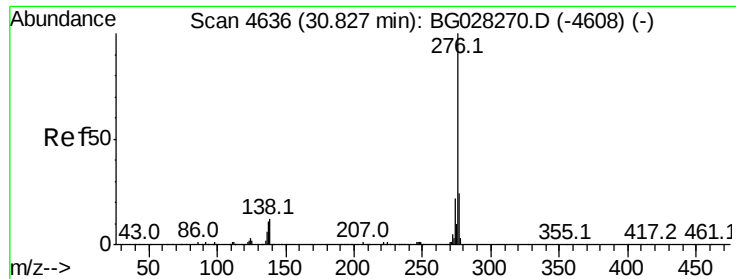
Delta R.T. -0.01 min

Lab File: BG028283.D

Acq: 11 Aug 2017 7:13

Tgt Ion:	276	Resp:	38653
Ion Ratio	Lower	Upper	
276	100		
138	17.3	8.2	12.4#
277	19.2	18.6	28.0





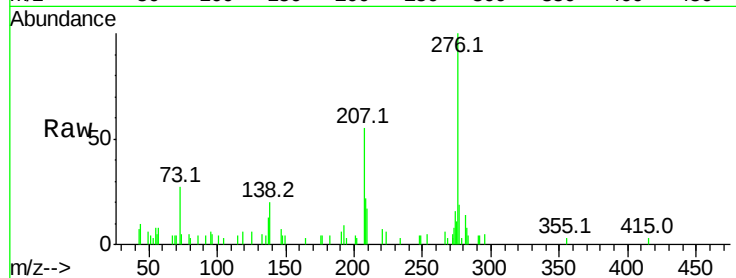
#91
 Benzo(a,h,i)perylene
 Concen: 1.217 ng/ul
 RT: 30.81 min Scan# 4632
 Delta R.T. -0.02 min
 Lab File: BG028283.D
 Acq: 11 Aug 2017 7:13

Instrument :
 BNA_G
 ClientSampleId :
 C0AF4

Tot Ion	Ratio	Lower	Upper
276	100		
138	20.3	8.6	12.8#
277	19.3	17.6	26.4

Manual Integrations
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Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

