

Data Path : Z:\HPCHEM1\BNA G\DATA\BG083017\
 Data File : BG028555.D
 Acq On : 30 Aug 2017 16:05
 Operator : SJ/JU
 Sample : I4917-17
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B0B75

Manual Integrations
 APPROVED

Sohil
 8/31/2017 7:17:51 PM

Quant Time: Aug 31 02:42:04 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Aug 31 01:32:56 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.33	152	34901	20.00	ng/ul	0.00
18) Naphthalene-d8	11.15	136	145820	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.95	164	104579	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.70	188	265380	20.00	ng/ul	0.00
75) Chrysene-d12	22.03	240	296599	20.00	ng/ul	0.00
83) Perylene-d12	25.54	264	289448	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.83	96	1380	1.84	ng/uL	0.00
5) Phenol-d5	7.49	99	29910	7.80	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.65	67	23514	9.69	ng/ul	0.00
9) 2-Chlorophenol-d4	7.88	132	24409	10.09	ng/ul	0.00
13) 4-Methylphenol-d8	9.04	113	23784	7.42	ng/ul	0.00
19) Nitrobenzene-d5	9.50	128	14056	12.33	ng/ul	0.00
22) 2-Nitrophenol-d4	10.23	143	13019	10.41	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.78	165	27701	10.71	ng/ul	0.00
29) 4-Chloroaniline-d4	11.30	131	21050	7.31	ng/ul	0.00
43) Dimethylphthalate-d6	14.34	166	108201	11.63	ng/ul	0.00
46) Acenaphthylene-d8	14.64	160	126200	12.03	ng/ul	0.00
51) 4-Nitrophenol-d4	15.18	143	4755	3.22	ng/ul	0.03
57) Fluorene-d10	15.94	176	96973	11.62	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.07	200	8083	4.69	ng/ul	0.00
70) Anthracene-d10	17.80	188	155157m	12.19	ng/ul	0.00
76) Pyrene-d10	20.07	212	183071	12.04	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.29	264	163933	12.10	ng/ul	-0.01

Target Compounds

					Ovalue
44) Dimethylphthalate	14.39	163	33438	3.904 ng/ul	98
69) Phenanthrene	17.74	178	29587	2.215 ng/ul	99
74) Fluoranthene	19.74	202	69300	4.270 ng/ul	99
77) Pyrene	20.10	202	63005	3.561 ng/ul#	96
80) Benzo(a)anthracene	22.01	228	44034	2.569 ng/ul	95
82) Chrysene	22.08	228	39925	2.587 ng/ul	92
85) Benzo(b)fluoranthene	24.42	252	42597m	2.459 ng/ul	
86) Benzo(k)fluoranthene	24.48	252	22336m	1.320 ng/ul	
88) Benzo(a)pyrene	25.37	252	34553	2.060 ng/ul	93
89) Indeno(1,2,3-cd)pyrene	29.57	276	21098	1.074 ng/ul#	92

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

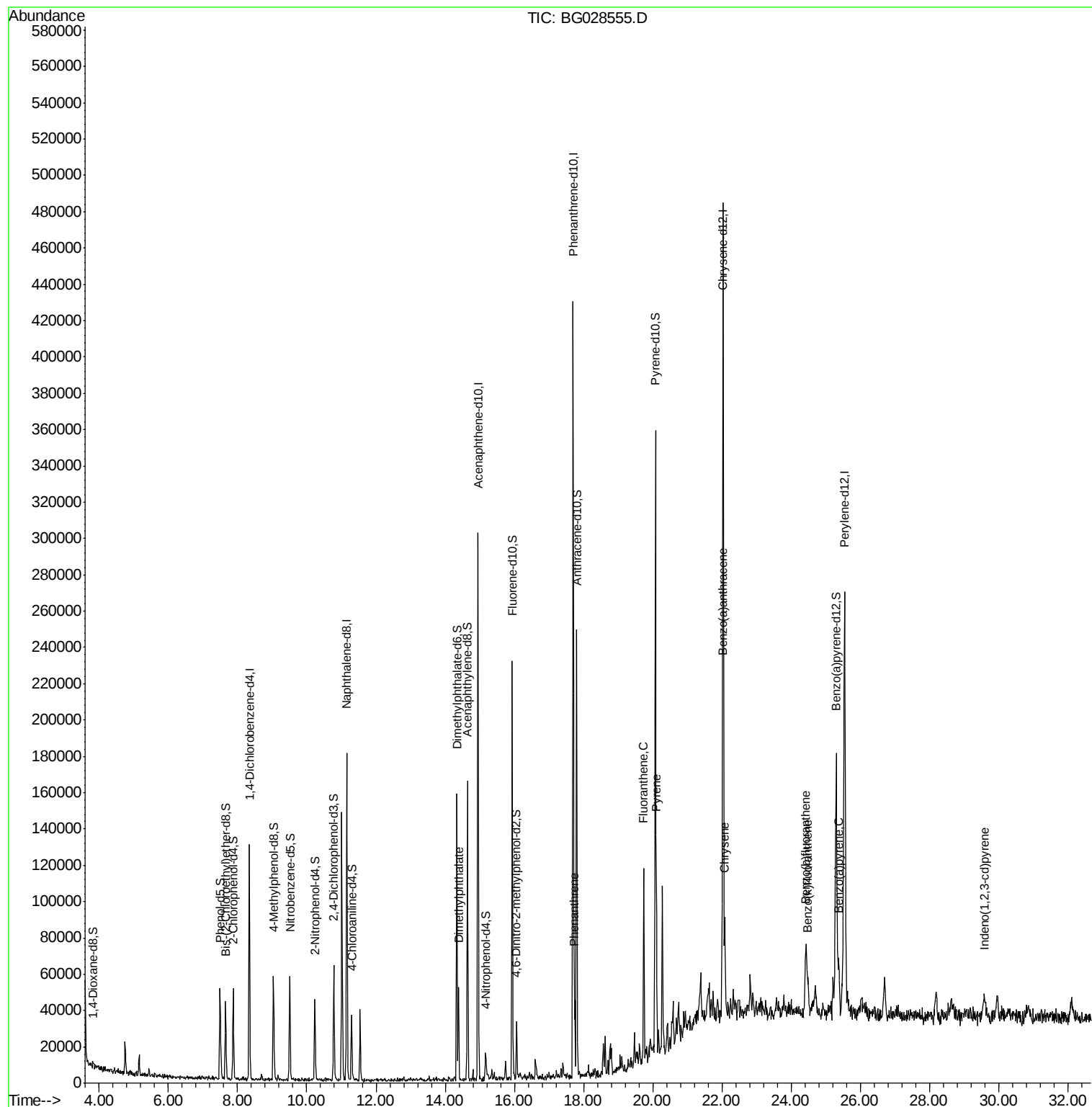
Data Path : Z:\HPCHEM1\BNA G\DATA\BG083017\
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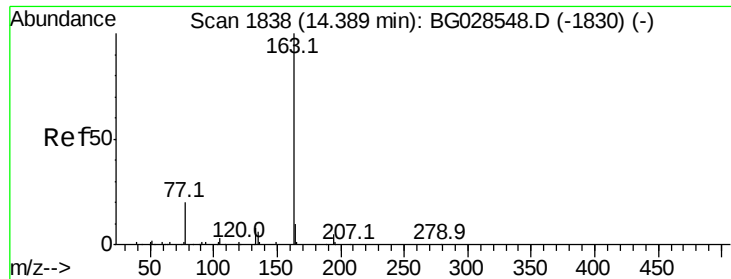
Instrument :
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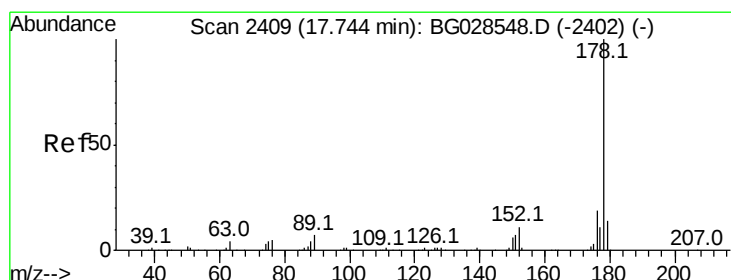
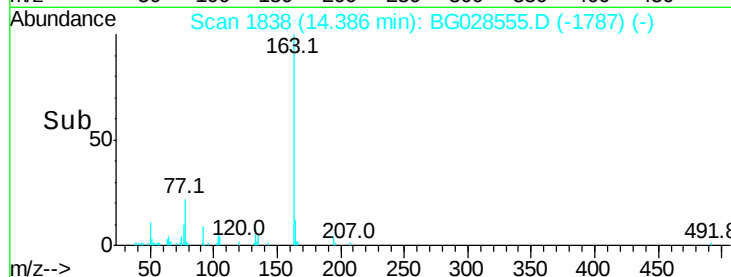
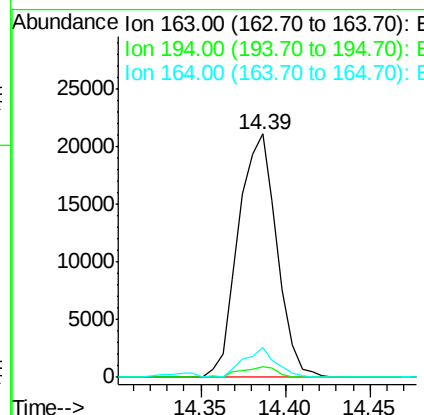
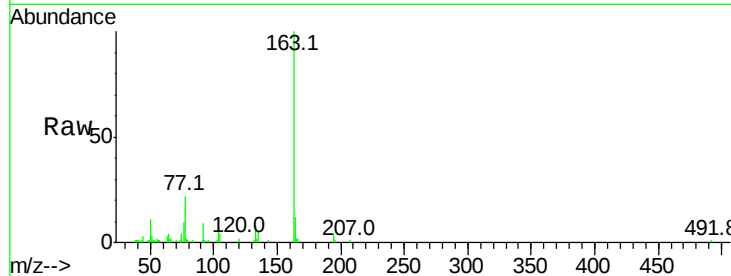
#44
Dimethylphthalate
Concen: 3.904 ng/ul
RT: 14.39 min Scan# 1838
Delta R.T. -0.00 min
Lab File: BG028555.D
Acq: 30 Aug 2017 16:05

Instrument :
BNA_G
ClientSampled :
B0B75

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.4	5.0
164	12.2	9.0	13.4

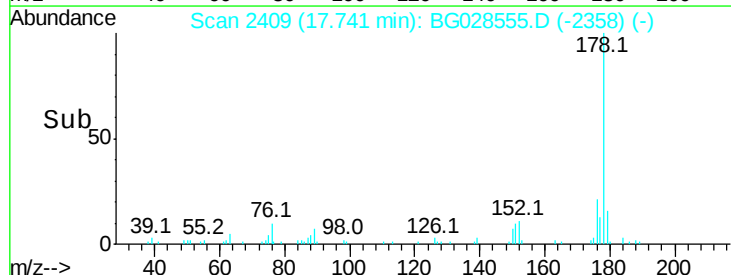
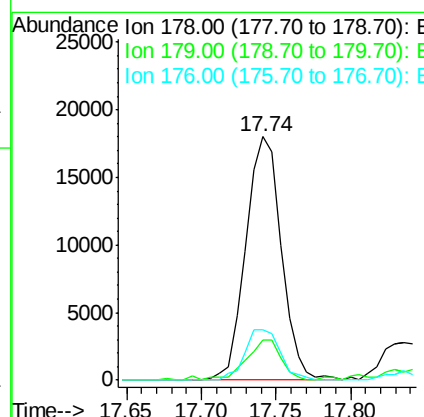
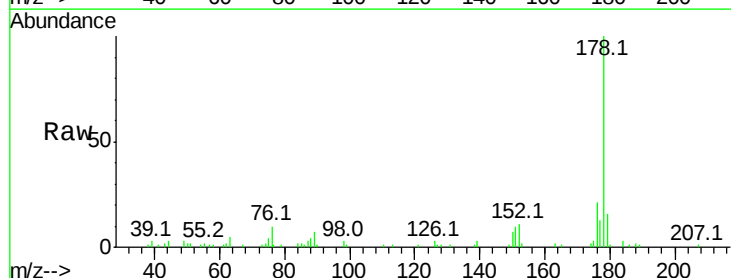
Manual Integrations
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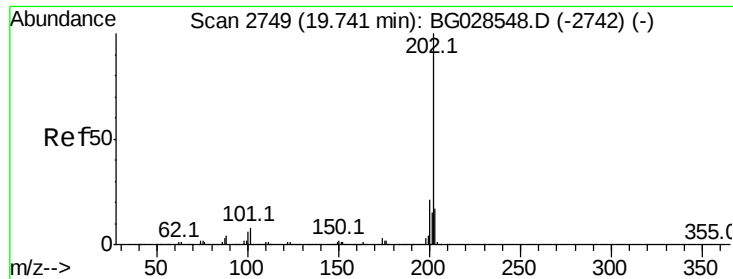
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#69
Phenanthrene
Concen: 2.215 ng/ul
RT: 17.74 min Scan# 2409
Delta R.T. -0.00 min
Lab File: BG028555.D
Acq: 30 Aug 2017 16:05

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.4	12.4	18.6
176	20.8	16.5	24.7





#74

Fluoranthene

Concen: 4.270 ng/ul

RT: 19.74 min Scan# 2749

Delta R.T. -0.00 min

Lab File: BG028555.D

Acq: 30 Aug 2017 16:05

Instrument :

BNA_G

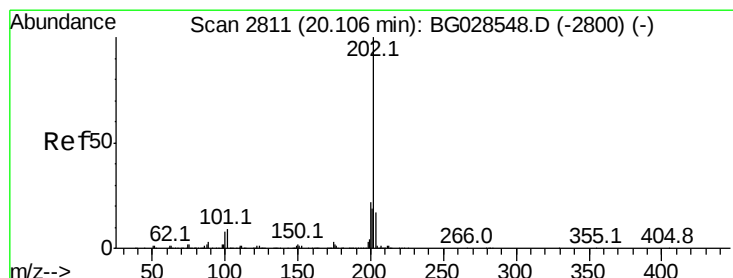
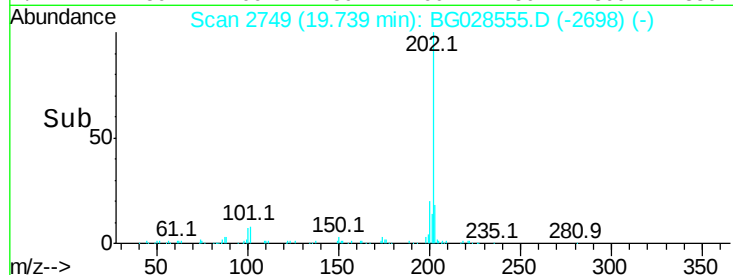
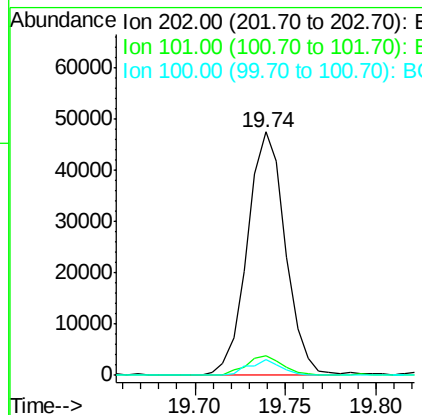
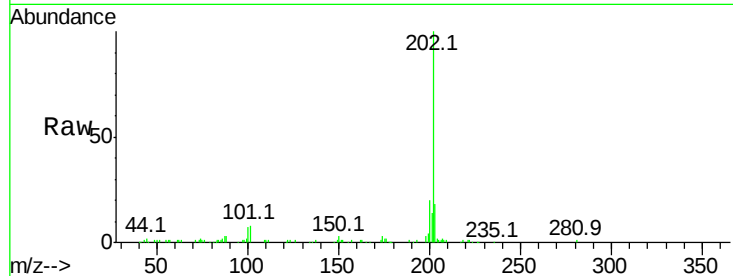
ClientSampleId :

B0B75

Tot Ion:	202	Resp:	69300
Ion Ratio	Lower	Upper	
202	100		
101	8.1	6.2	9.2
100	6.6	5.2	7.8

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#77

Pyrene

Concen: 3.561 ng/ul

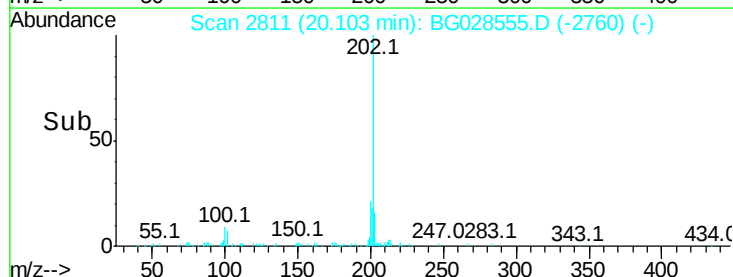
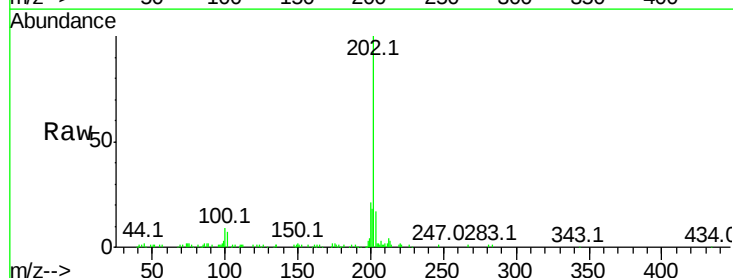
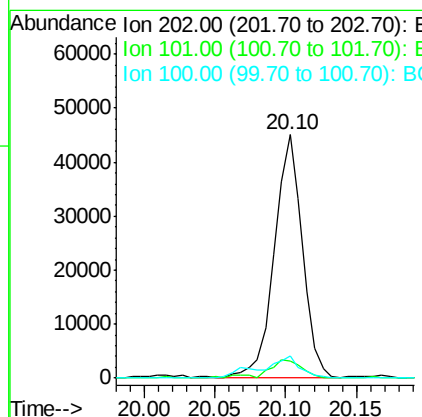
RT: 20.10 min Scan# 2811

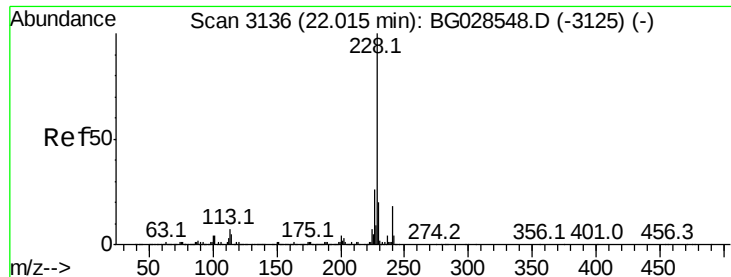
Delta R.T. -0.00 min

Lab File: BG028555.D

Acq: 30 Aug 2017 16:05

Tgt Ion:	202	Resp:	63005
Ion Ratio	Lower	Upper	
202	100		
101	6.9	6.9	10.3#
100	9.1	6.6	10.0





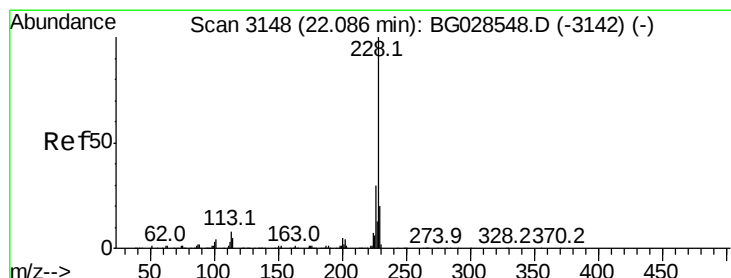
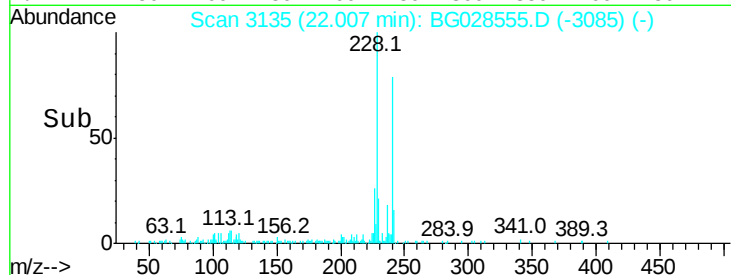
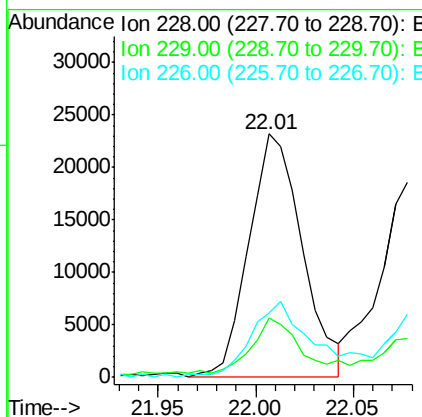
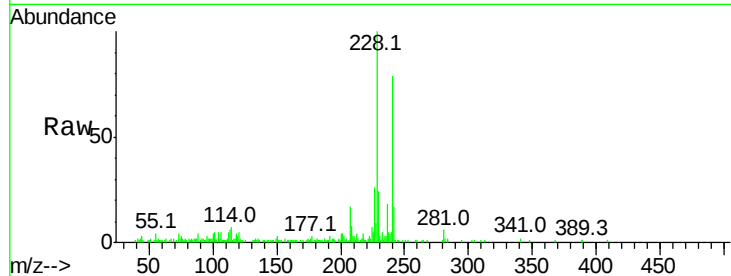
#80
Benzo(a)anthracene
Concen: 2.569 ng/ul
RT: 22.01 min Scan# 3135
Delta R.T. -0.01 min
Lab File: BG028555.D
Acq: 30 Aug 2017 16:05

Instrument :
BNA_G
ClientSampleId :
B0B75

Tot Ion	Ratio	Lower	Upper
228	100		
229	24.3	16.3	24.5
226	26.5	21.9	32.9

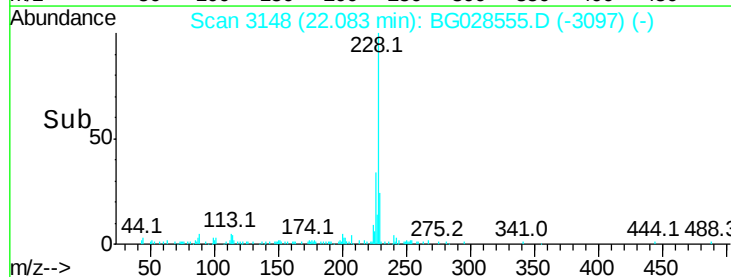
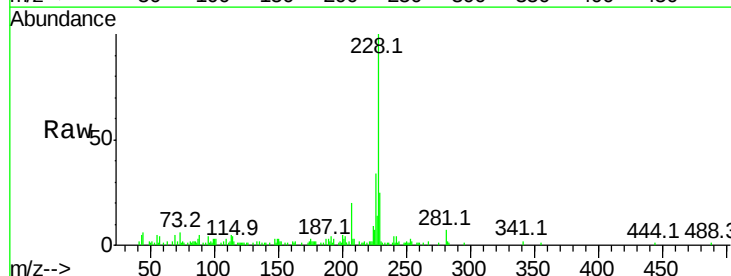
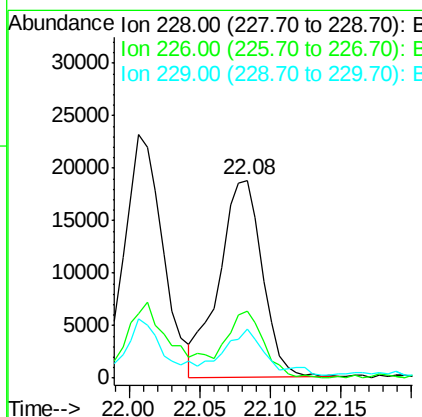
Manual Integrations
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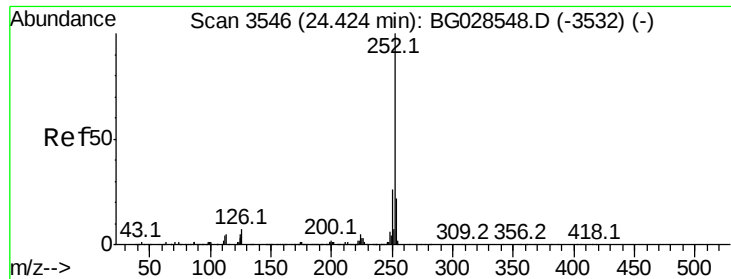
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#82
Chrysene
Concen: 2.587 ng/ul
RT: 22.08 min Scan# 3148
Delta R.T. -0.00 min
Lab File: BG028555.D
Acq: 30 Aug 2017 16:05

Tgt Ion	Ratio	Lower	Upper
228	100		
226	34.0	24.0	36.0
229	25.1	16.9	25.3





#85

Benzo(b)fluoranthene

Concen: 2.459 ng/ul m

RT: 24.42 min Scan# 3545

Delta R.T. -0.01 min

Lab File: BG028555.D

Acq: 30 Aug 2017 16:05

Instrument :

BNA_G

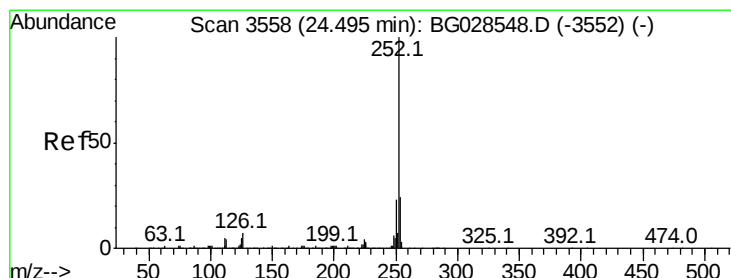
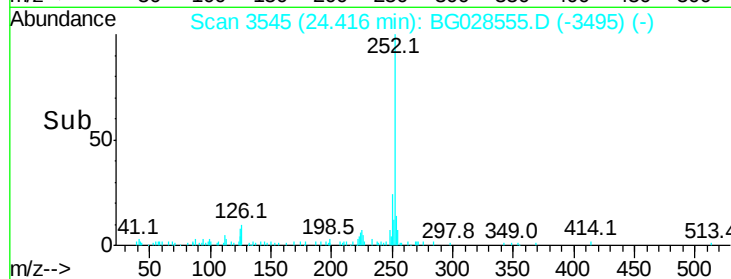
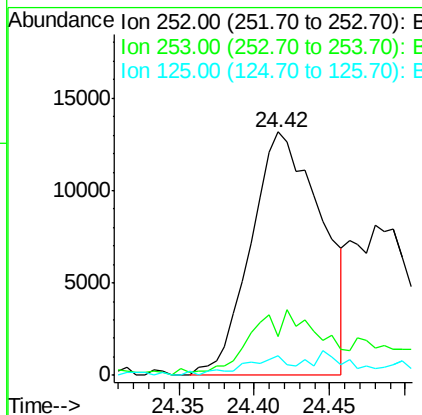
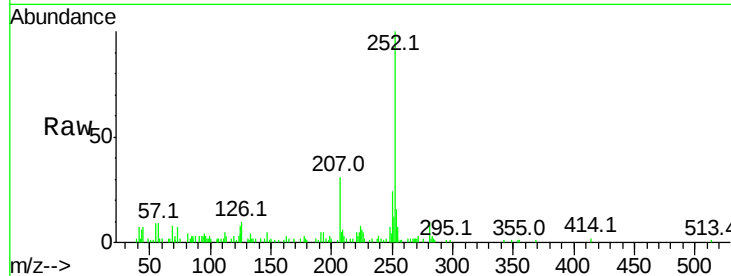
ClientSampleId :

B0B75

Tot Ion	Ratio	Lower	Upper
252	100		
253	15.9	17.7	26.5#
125	8.3	4.0	6.0#

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#86

Benzo(k)fluoranthene

Concen: 1.320 ng/ul m

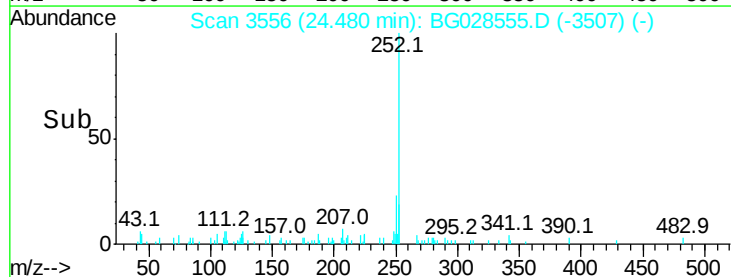
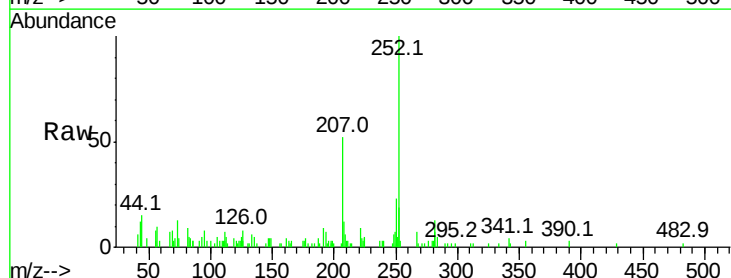
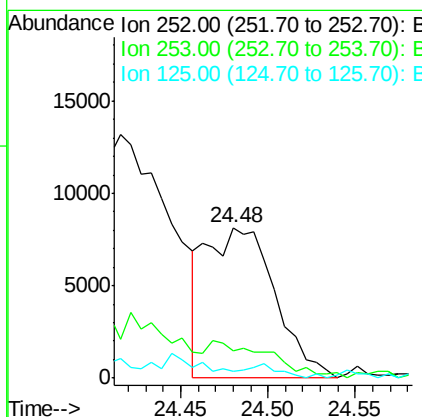
RT: 24.48 min Scan# 3556

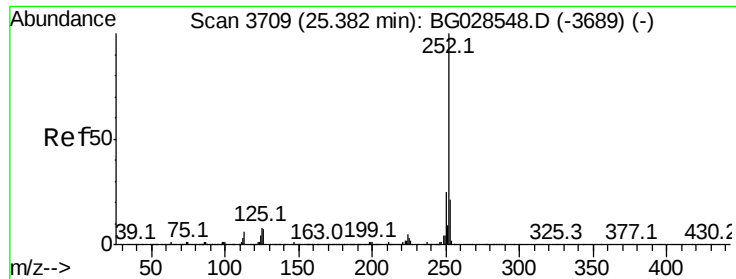
Delta R.T. -0.01 min

Lab File: BG028555.D

Acq: 30 Aug 2017 16:05

Tgt Ion	Ratio	Lower	Upper
252	100		
253	18.5	18.5	27.7
125	4.9	4.1	6.1





#88

Benzo(a)pyrene

Concen: 2.060 ng/ul

RT: 25.37 min Scan# 3708

Delta R.T. -0.01 min

Lab File: BG028555.D

Acq: 30 Aug 2017 16:05

Instrument :

BNA_G

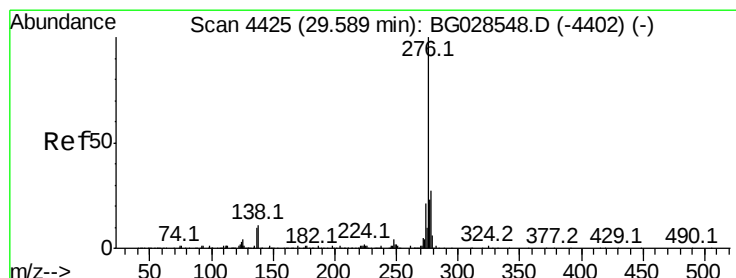
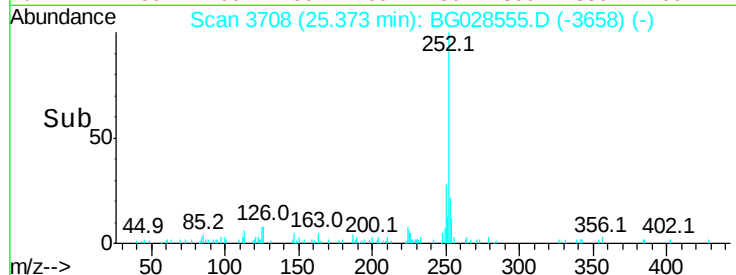
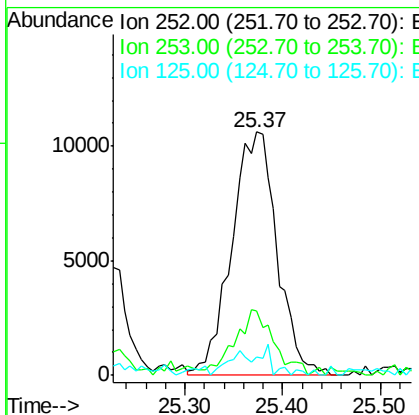
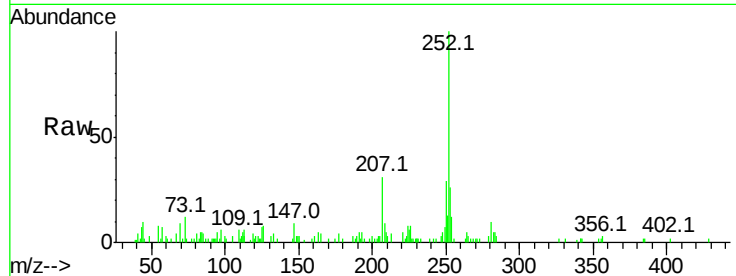
ClientSampled :

B0B75

Tot Ion:	252	Resp:	34553
Ion Ratio	Lower	Upper	
252	100		
253	26.5	17.8	26.6
125	7.3	5.4	8.0

Manual Integrations
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#89

Indeno(1,2,3-cd)pyrene

Concen: 1.074 ng/ul

RT: 29.57 min Scan# 4422

Delta R.T. -0.02 min

Lab File: BG028555.D

Acq: 30 Aug 2017 16:05

Tgt Ion:	276	Resp:	21098
Ion Ratio	Lower	Upper	
276	100		
138	10.7	8.2	12.4
277	18.2	18.6	28.0#

