

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080315\
 Data File : BG018248.D
 Acq On : 3 Aug 2015 18:34
 Operator : UM/TP
 Sample : G3109-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C01P1

Manual Integrations
 APPROVED

MMDadoda
 8/4/2015 12:17:38 PM

Quant Time: Aug 04 04:05:13 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Aug 04 02:54:30 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.46	152	29733	20.00	ng/ul	0.00
18) Naphthalene-d8	10.24	136	135976	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.13	164	93787	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.89	188	217279m	20.00	ng/ul	0.00
78) Chrysene-d12	21.10	240	167399m	20.00	ng/ul	0.00
86) Perylene-d12	23.27	264	145372	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	2.95	96	1072m	2.72	ng/uL	0.00
5) Phenol-d5	6.66	99	31954	11.95	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.80	67	16412	12.01	ng/ul	0.00
9) 2-Chlorophenol-d4	6.99	132	28249	13.99	ng/ul	0.00
13) 4-Methylphenol-d8	8.19	113	16641	7.64	ng/ul	0.00
19) Nitrobenzene-d5	8.61	128	14411	13.45	ng/ul	0.00
22) 2-Nitrophenol-d4	9.33	143	16252	13.22	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.87	165	28557	13.14	ng/ul	0.00
29) 4-Chloroaniline-d4	10.38	131	25130	9.28	ng/ul	0.00
44) Dimethylphthalate-d6	13.55	166	108358	14.95	ng/ul	0.00
47) Acenaphthylene-d8	13.82	160	112266	13.36	ng/ul	0.00
52) 4-Nitrophenol-d4	14.38	143	11234	8.37	ng/ul	-0.01
58) Fluorene-d10	15.14	176	89462	13.64	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.27	200	10096	6.65	ng/ul	-0.01
71) Anthracene-d10	16.99	188	134735	14.26	ng/ul	0.00
79) Pyrene-d10	19.30	212	112836m	13.93	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.13	264	97032	13.20	ng/ul	0.00

Target Compounds

						Qvalue
45) Dimethylphthalate	13.60	163	41228	5.72	ng/ul#	97
70) Phenanthrene	16.94	178	25046m	2.27	ng/ul	
77) Fluoranthene	18.96	202	50148	4.14	ng/ul	99
80) Pyrene	19.33	202	44118	4.34	ng/ul	96
83) Benzo(a)anthracene	21.08	228	16905m	1.88	ng/ul	
84) Bis(2-ethylhexyl)phthalate	21.03	149	14176m	2.55	ng/ul	
85) Chrysene	21.14	228	20843m	2.52	ng/ul	
88) Benzo(b)fluoranthene	22.62	252	20329	2.33	ng/ul	96
89) Benzo(k)fluoranthene	22.64	252	9162m	1.14	ng/ul	
91) Benzo(a)pyrene	23.17	252	13906	1.78	ng/ul#	90
92) Indeno(1,2,3-cd)pyrene	25.46	276	10672m	1.18	ng/ul	
94) Benzo(g,h,i)perylene	26.12	276	10761m	1.46	ng/ul	

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

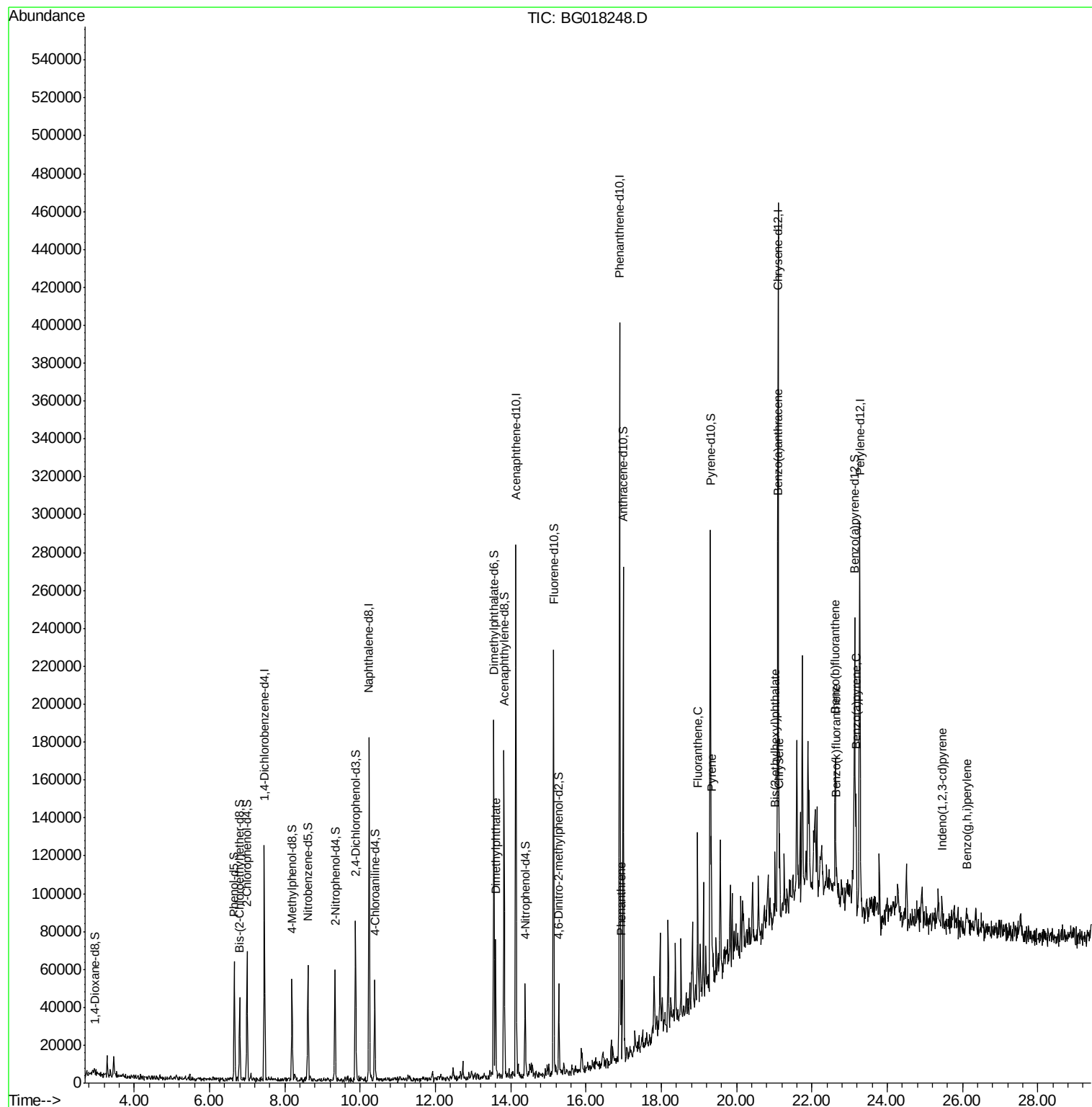
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080315\
Data File : BG018248.D
Acq On : 3 Aug 2015 18:34
Operator : UM/TP
Sample : G3109-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

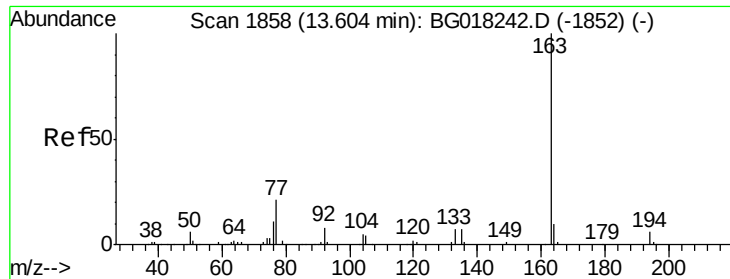
Instrument :
BNA_G
ClientSampleId :
C01P1

Manual Integrations
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8/4/2015 12:17:38 PM

Quant Time: Aug 04 04:05:13 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 04 02:54:30 2015
Response via : Initial Calibration





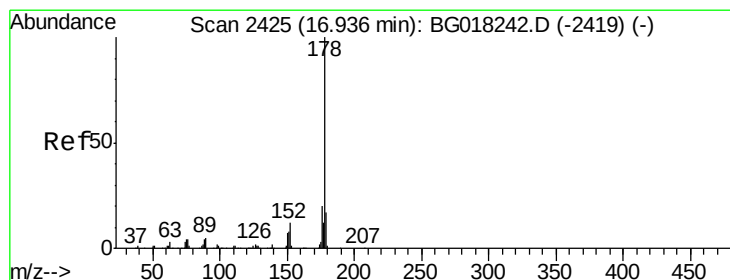
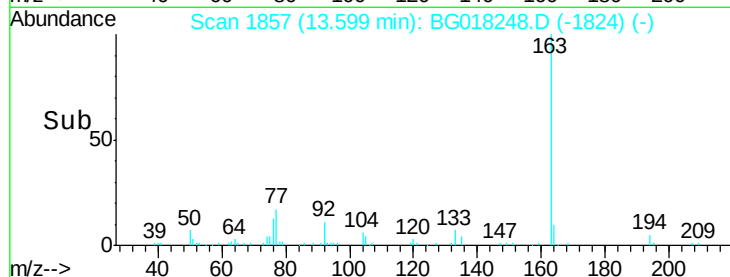
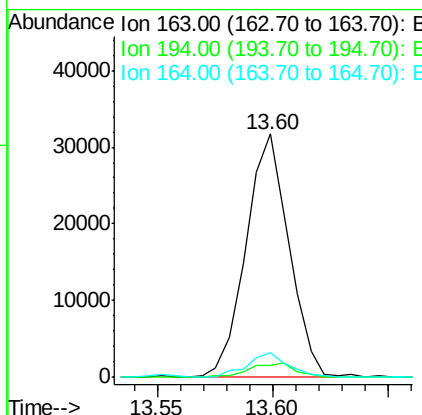
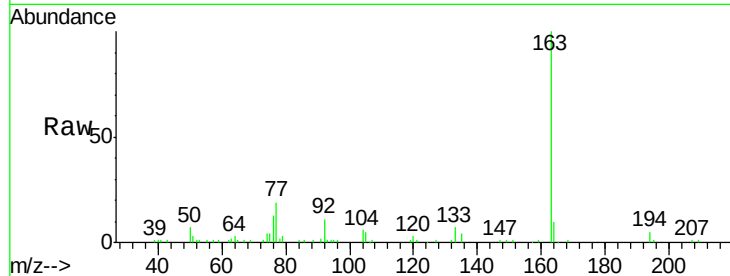
#45
Dimethylphthalate
Concen: 5.72 ng/ul
RT: 13.60 min Scan# 1857
Delta R.T. -0.01 min
Lab File: BG018248.D
Acq: 3 Aug 2015 18:34

Instrument :
BNA_G
ClientSampleId :
C01P1

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	41228		
194	5.0	5.2	7.8#	
164	9.9	8.4	12.6	

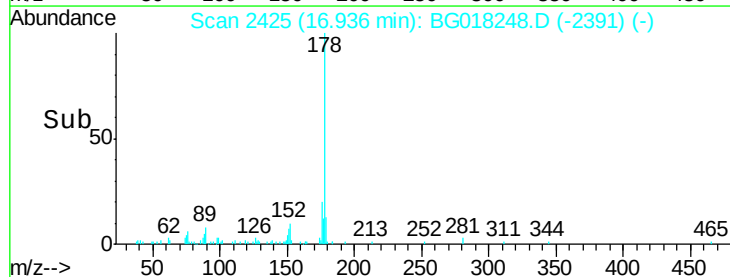
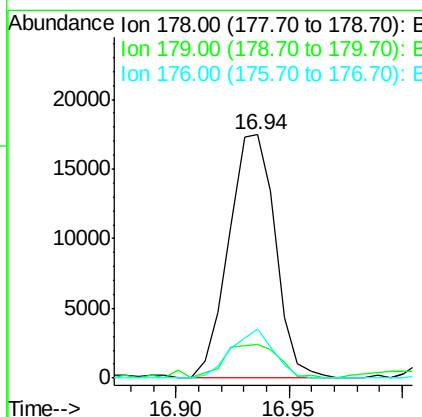
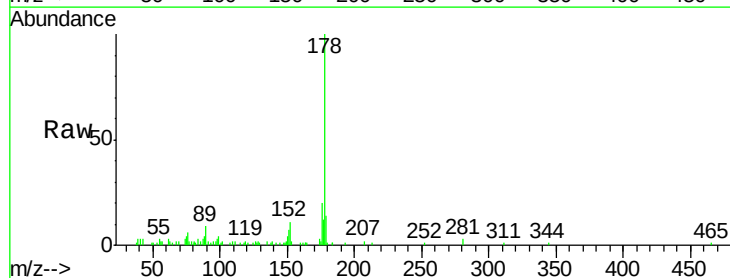
Manual Integrations
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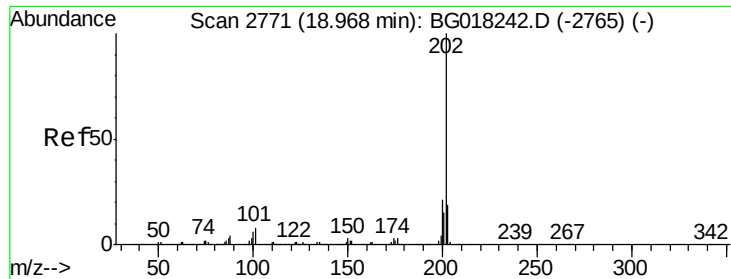
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#70
Phenanthrene
Concen: 2.27 ng/ul m
RT: 16.94 min Scan# 2425
Delta R.T. 0.00 min
Lab File: BG018248.D
Acq: 3 Aug 2015 18:34

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	25046		
179	13.9	12.8	19.2	
176	20.1	16.0	24.0	





#77

Fluoranthene

Concen: 4.14 ng/ul

RT: 18.96 min Scan# 2770

Delta R.T. -0.01 min

Lab File: BG018248.D

Acq: 3 Aug 2015 18:34

Instrument :

BNA_G

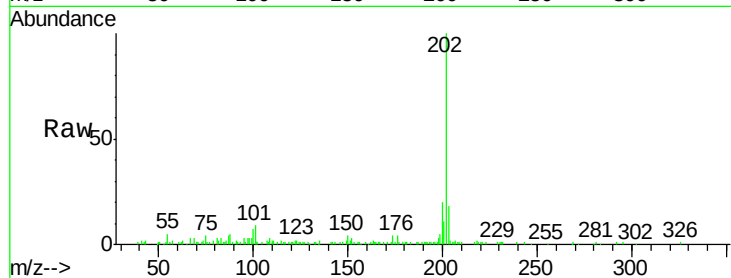
ClientSampleId :

C01P1

Tgt Ion:	202	Resp:	50148
Ion Ratio	Lower	Upper	
202	100		
101	9.2	7.5	11.3
100	6.6	5.5	8.3

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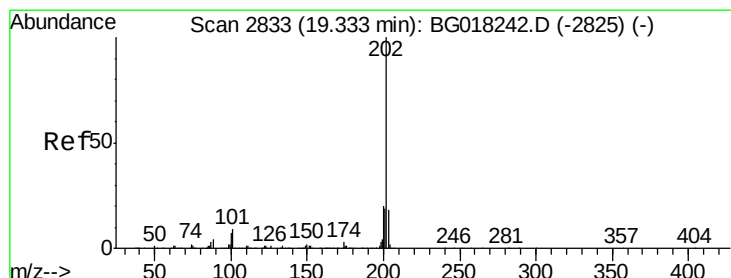
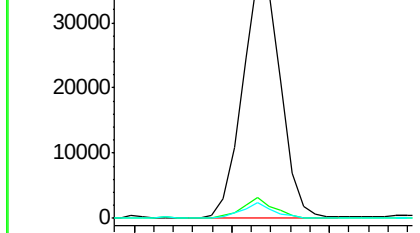
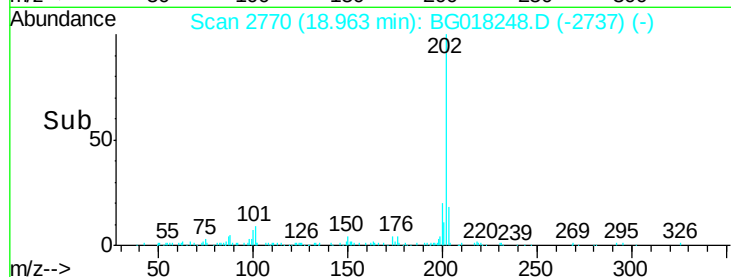


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

Time--> 18.90 18.95 19.00



#80

Pyrene

Concen: 4.34 ng/ul

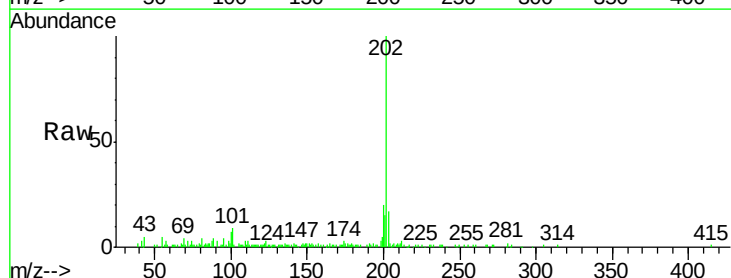
RT: 19.33 min Scan# 2832

Delta R.T. -0.01 min

Lab File: BG018248.D

Acq: 3 Aug 2015 18:34

Tgt Ion:	202	Resp:	44118
Ion Ratio	Lower	Upper	
202	100		
101	9.1	8.1	12.1
100	7.4	7.4	11.0

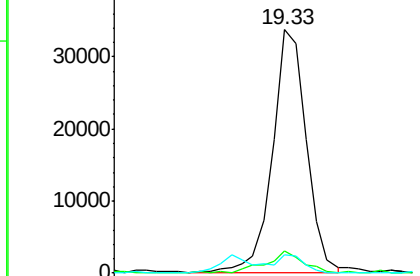
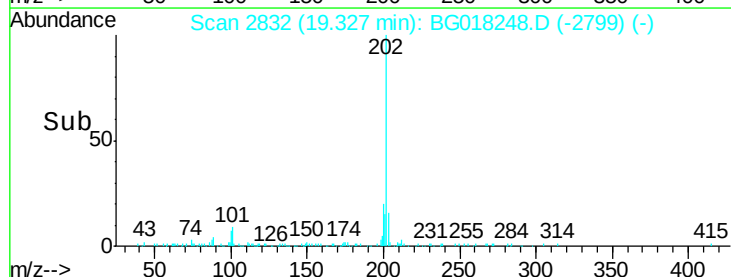


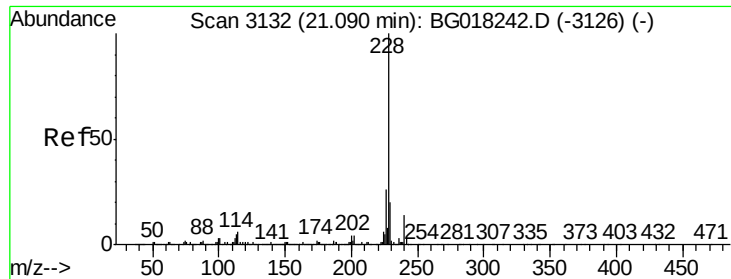
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

Time--> 19.25 19.30 19.35





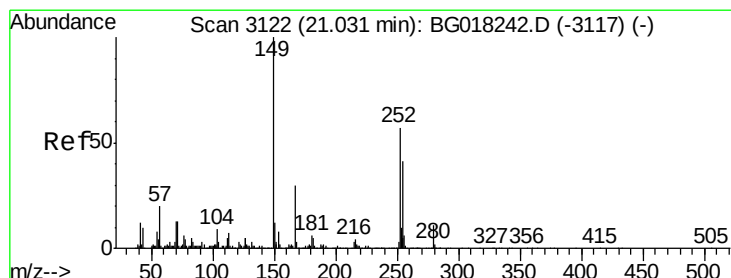
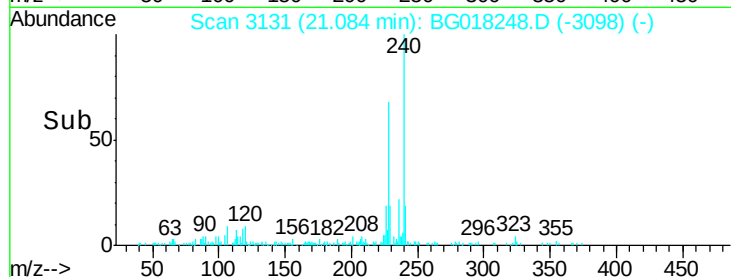
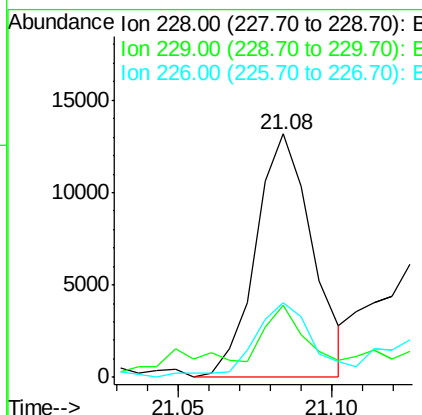
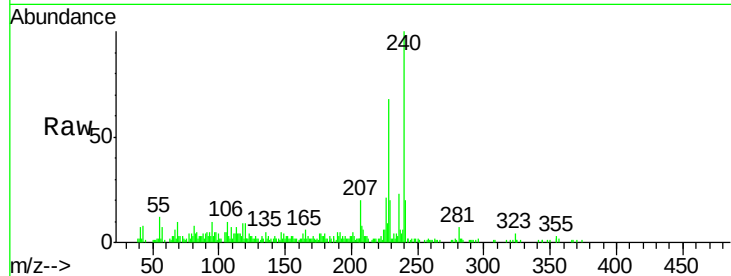
#83
Benzo(a)anthracene
Concen: 1.88 ng/ul m
RT: 21.08 min Scan# 3131
Delta R.T. -0.01 min
Lab File: BG018248.D
Acq: 3 Aug 2015 18:34

Instrument :
BNA_G
ClientSampleId :
C01P1

Tgt Ion	Ratio	Lower	Upper
228	100		
229	29.7	16.5	24.7#
226	30.4	21.5	32.3

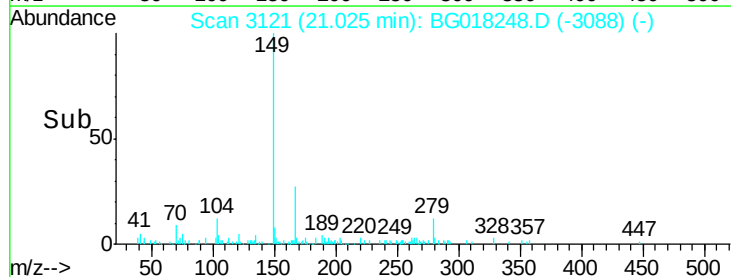
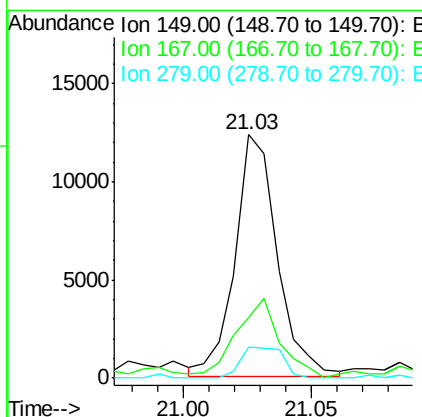
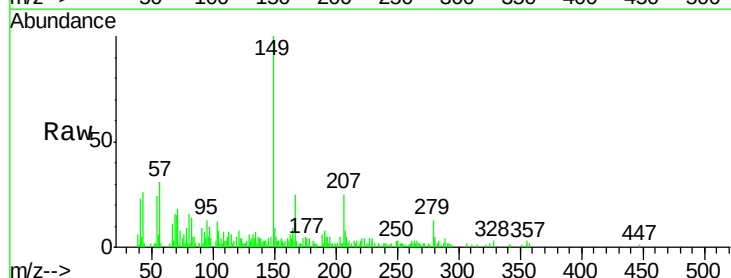
Manual Integrations
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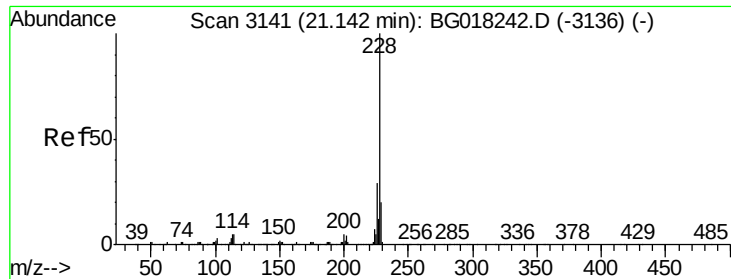
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#84
Bis(2-ethylhexyl)phthalate
Concen: 2.55 ng/ul m
RT: 21.03 min Scan# 3121
Delta R.T. -0.01 min
Lab File: BG018248.D
Acq: 3 Aug 2015 18:34

Tgt Ion	Ratio	Lower	Upper
149	100		
167	24.9	27.4	41.2#
279	12.8	8.3	12.5#





#85

Chrysene

Concen: 2.52 ng/ul m

RT: 21.14 min Scan# 3140

Delta R.T. -0.01 min

Lab File: BG018248.D

Acq: 3 Aug 2015 18:34

Instrument :

BNA_G

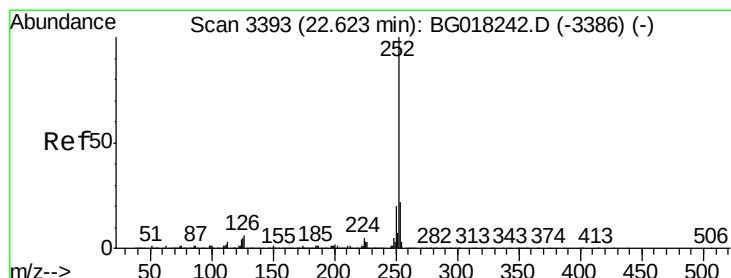
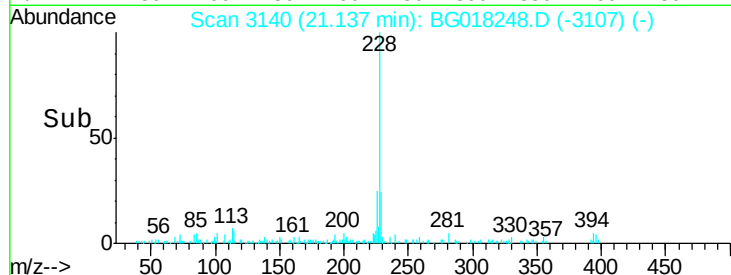
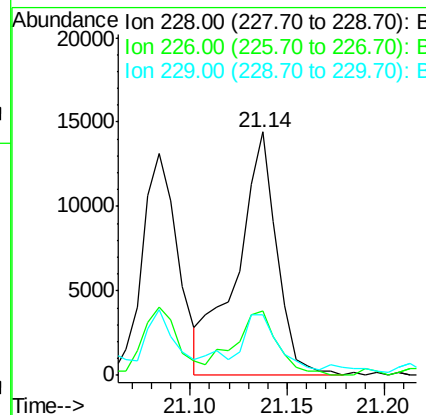
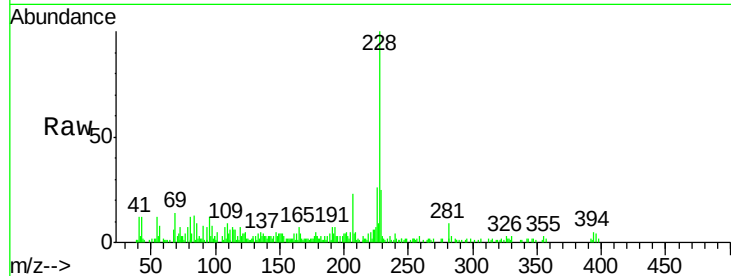
ClientSampleId :

C01P1

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	20843		
226	26.2	22.7	34.1	
229	24.9	16.2	24.2#	

Manual Integrations
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#88

Benzo(b)fluoranthene

Concen: 2.33 ng/ul

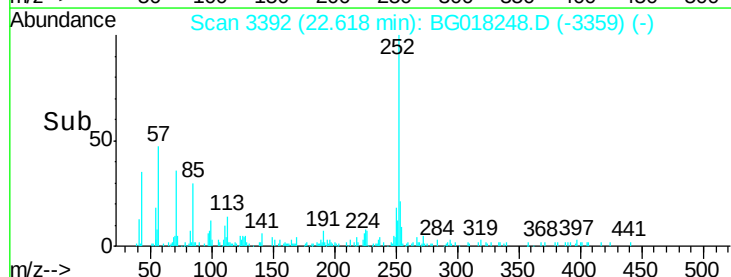
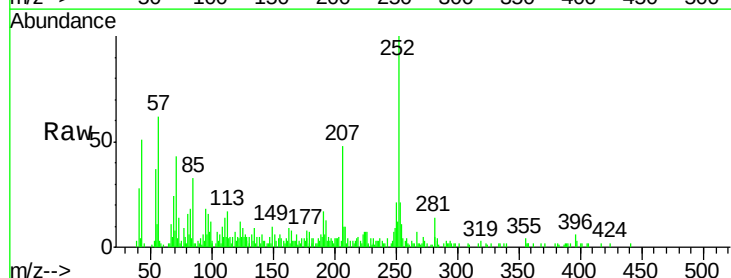
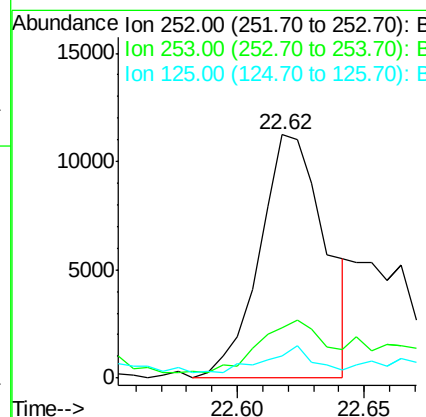
RT: 22.62 min Scan# 3392

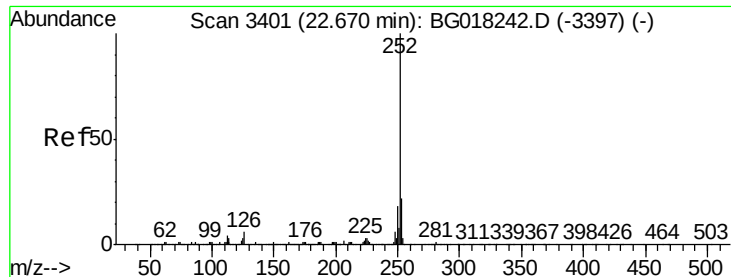
Delta R.T. -0.01 min

Lab File: BG018248.D

Acq: 3 Aug 2015 18:34

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	20329		
253	20.6	18.5	27.7	
125	9.3	7.4	11.0	





#89

Benzo(k)fluoranthene

Concen: 1.14 ng/ul m

RT: 22.64 min Scan# 3396

Delta R.T. -0.03 min

Lab File: BG018248.D

Acq: 3 Aug 2015 18:34

Instrument :

BNA_G

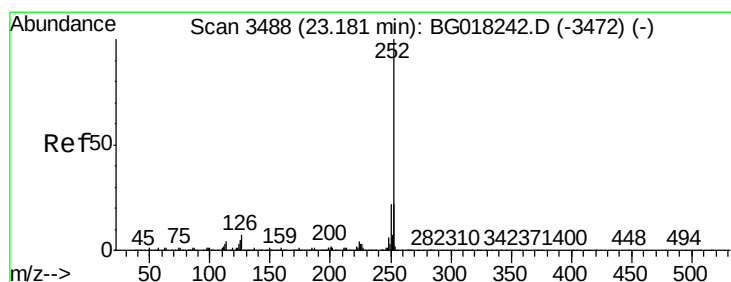
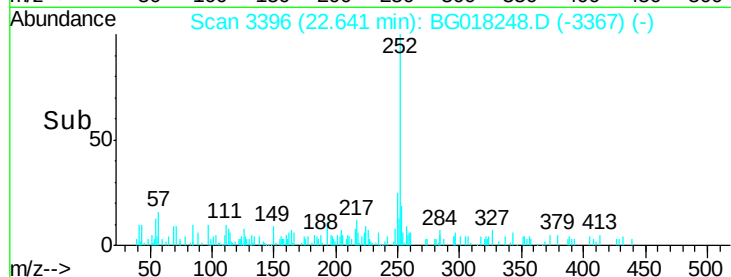
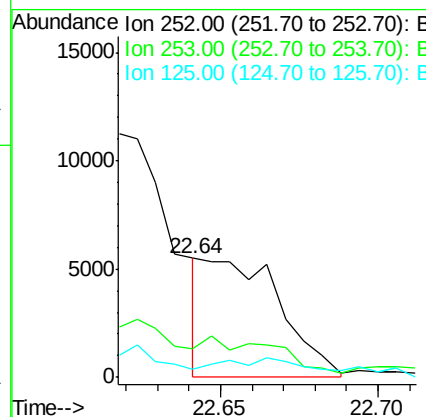
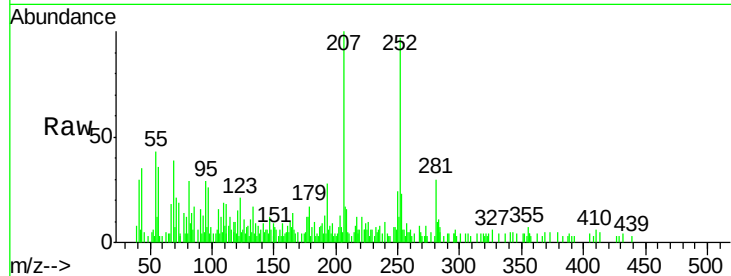
ClientSampled :

C01P1

Tgt Ion:	252	Resp:	9162
Ion Ratio	Lower	Upper	
252	100		
253	23.7	18.2	27.2
125	6.3	7.5	11.3#

Manual Integrations
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#91

Benzo(a)pyrene

Concen: 1.78 ng/ul

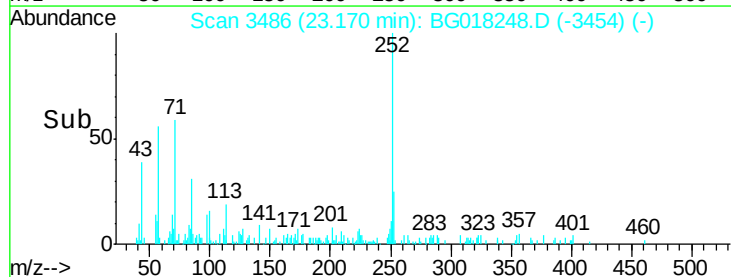
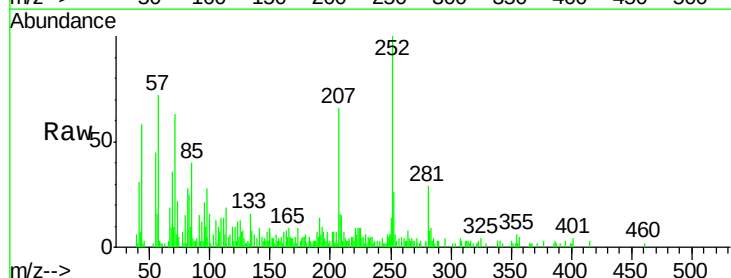
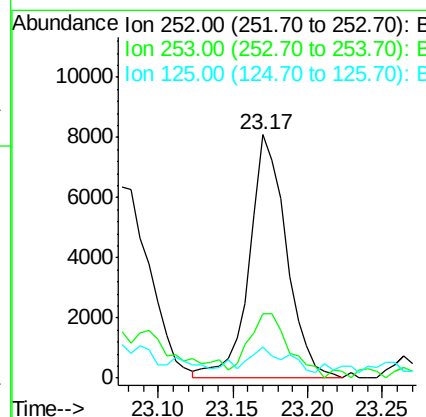
RT: 23.17 min Scan# 3486

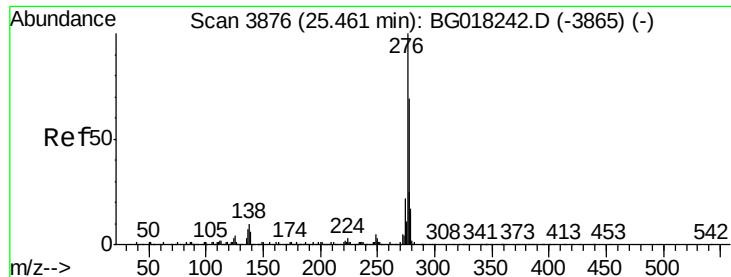
Delta R.T. -0.01 min

Lab File: BG018248.D

Acq: 3 Aug 2015 18:34

Tgt Ion:	252	Resp:	13906
Ion Ratio	Lower	Upper	
252	100		
253	26.5	17.4	26.2#
125	12.6	7.3	10.9#





#92

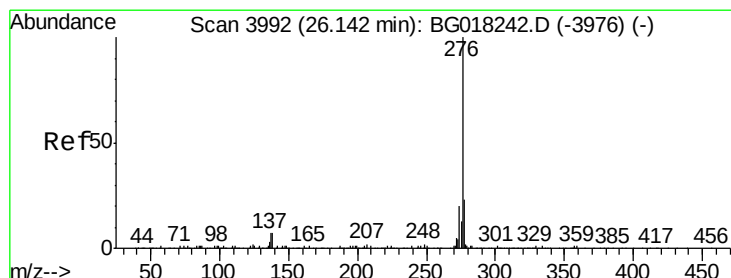
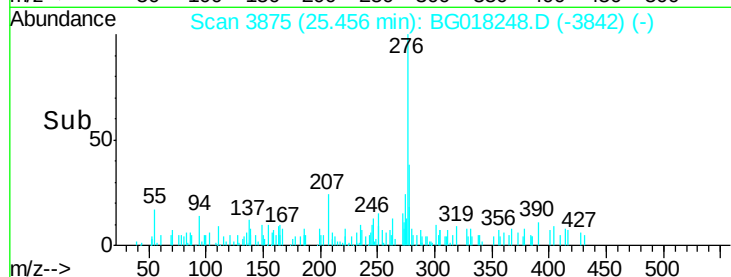
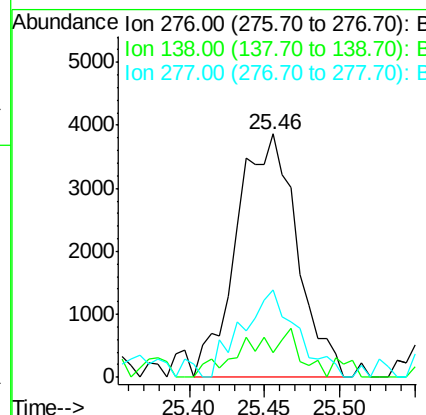
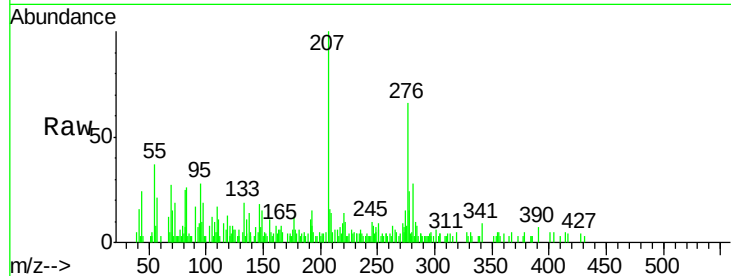
Indeno(1,2,3-cd)pyrene
Concen: 1.18 ng/ul m
RT: 25.46 min Scan# 3875
Delta R.T. -0.01 min
Lab File: BG018248.D
Acq: 3 Aug 2015 18:34

Instrument :
BNA_G
ClientSampleId :
C01P1

Tgt Ion	Ratio	Lower	Upper
276	100		
138	5.2	17.2	25.8#
277	36.0	19.5	29.3#

Manual Integrations
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8/4/2015 12:17:38 PM



#94

Benzo(g,h,i)perylene
Concen: 1.46 ng/ul m
RT: 26.12 min Scan# 3988
Delta R.T. -0.02 min
Lab File: BG018248.D
Acq: 3 Aug 2015 18:34

Tgt Ion	Ratio	Lower	Upper
276	100		
138	16.0	15.1	22.7
277	32.6	19.8	29.6#

