

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG112215\
 Data File : BG019800.D
 Acq On : 23 Nov 2015 3:08
 Operator : UM/NP
 Sample : G4345-21
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4J66

Manual Integrations
 APPROVED

Mmdadoda
 11/23/2015 7:14:31 PM

Quant Time: Nov 23 05:58:35 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG111615.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Nov 23 04:11:25 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	17948	20.00	ng/ul	0.00
18) Naphthalene-d8	10.94	136	84179	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.75	164	73264	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.50	188	200763	20.00	ng/ul	0.00
78) Chrysene-d12	21.76	240	263613	20.00	ng/ul	0.00
86) Perylene-d12	25.07	264	255657	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.39	96	1402	3.34	ng/uL	0.00
5) Phenol-d5	7.26	99	37230	20.25	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.42	67	23183	19.24	ng/ul	0.00
9) 2-Chlorophenol-d4	7.63	132	23493	19.92	ng/ul	0.00
13) 4-Methylphenol-d8	8.82	113	31274	20.54	ng/ul	0.00
19) Nitrobenzene-d5	9.29	128	12735	18.43	ng/ul	0.00
22) 2-Nitrophenol-d4	10.01	143	16314	20.97	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.56	165	35485	21.10	ng/ul	0.00
29) 4-Chloroaniline-d4	11.07	131	13539	8.48	ng/ul	0.00
44) Dimethylphthalate-d6	14.15	166	130583	19.71	ng/ul	0.00
47) Acenaphthylene-d8	14.45	160	122992	17.13	ng/ul	0.00
52) 4-Nitrophenol-d4	14.95	143	16712	16.01	ng/ul	0.00
58) Fluorene-d10	15.74	176	99473	16.78	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.85	200	22762	17.55	ng/ul	0.00
71) Anthracene-d10	17.59	188	151995	15.59	ng/ul	0.00
79) Pyrene-d10	19.87	212	150740	12.55	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.84	264	130876	9.81	ng/ul	0.00

Target Compounds

						Qvalue
4) Benzaldehyde	7.24	77	4255	3.18	ng/ul#	82
6) Phenol	7.29	94	2735	1.38	ng/ul#	81
45) Dimethylphthalate	14.20	163	89666	13.65	ng/ul	98
70) Phenanthrene	17.54	178	109267	10.17	ng/ul	98
72) Anthracene	17.63	178	22907m	2.11	ng/ul	
77) Fluoranthene	19.54	202	197564	14.43	ng/ul	99
80) Pyrene	19.90	202	162225	10.54	ng/ul	96
83) Benzo(a)anthracene	21.75	228	108334	6.78	ng/ul	97
85) Chrysene	21.81	228	98173	6.53	ng/ul	95
88) Benzo(b)fluoranthene	24.01	252	125550m	7.97	ng/ul	
89) Benzo(k)fluoranthene	24.07	252	39751	2.62	ng/ul	99
91) Benzo(a)pyrene	24.91	252	83664	5.52	ng/ul	94
92) Indeno(1,2,3-cd)pyrene	28.84	276	54164	3.19	ng/ul	96
94) Benzo(g,h,i)perylene	30.02	276	46554m	3.31	ng/ul	

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

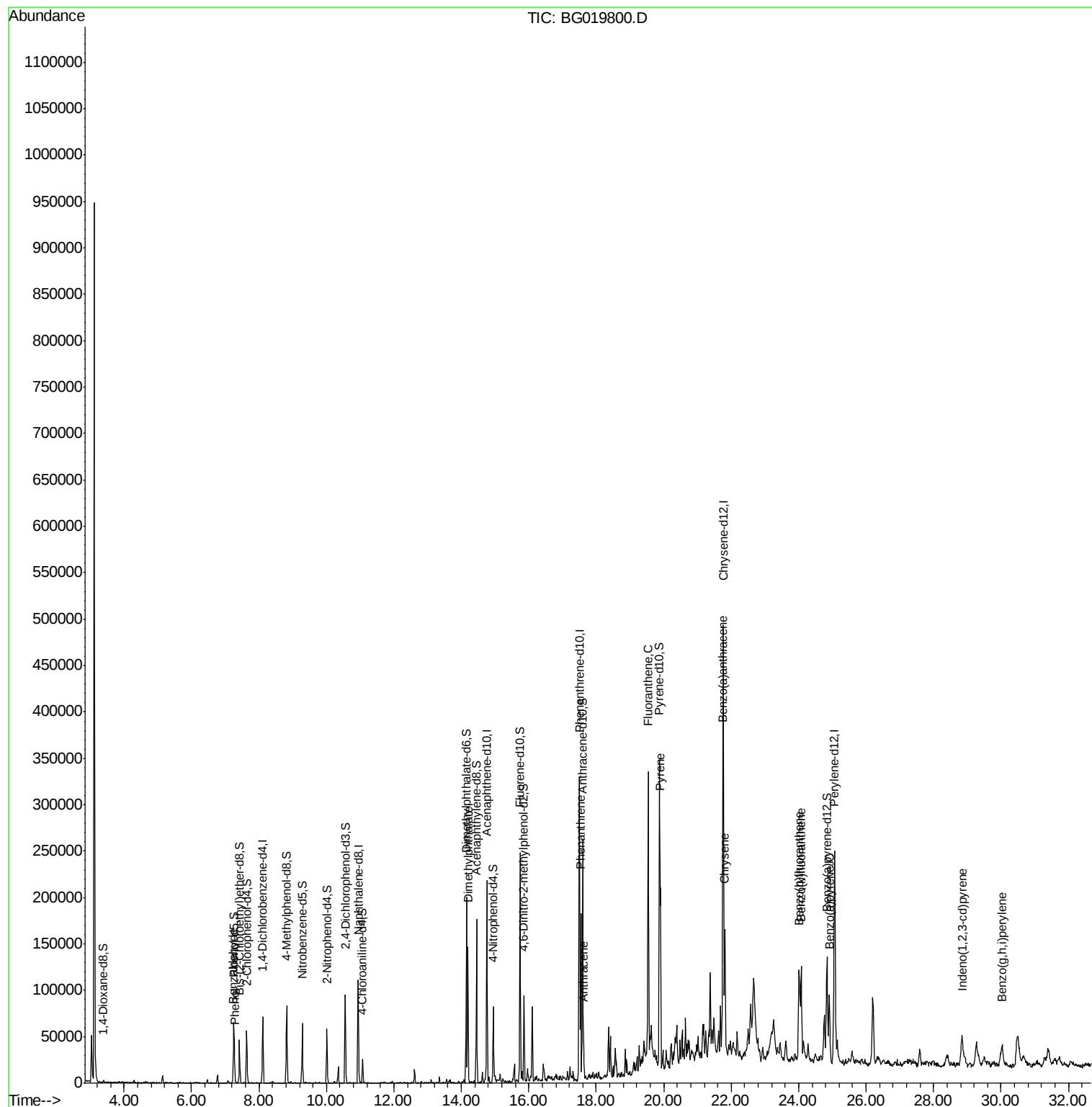
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG112215\
Data File : BG019800.D
Acq On : 23 Nov 2015 3:08
Operator : UM/NP
Sample : G4345-21
Misc :
ALS Vial : 23 Sample Multiplier: 1

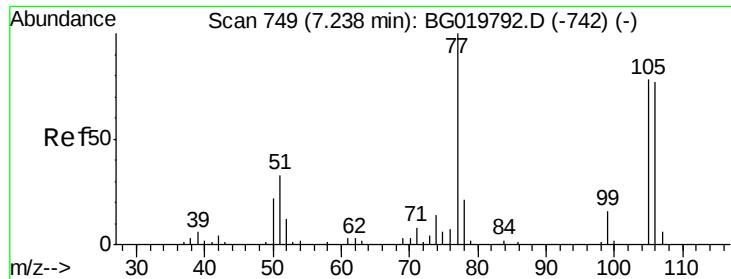
Instrument :
BNA_G
ClientSampleId :
A4J66

Manual Integrations
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11/23/2015 7:14:31 PM

Quant Time: Nov 23 05:58:35 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG111615.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Nov 23 04:11:25 2015
Response via : Initial Calibration





#4

Benzaldehyde

Concen: 3.18 ng/ul

RT: 7.24 min Scan# 749

Delta R.T. 0.00 min

Lab File: BG019800.D

Acq: 23 Nov 2015 3:08

Instrument :

BNA_G

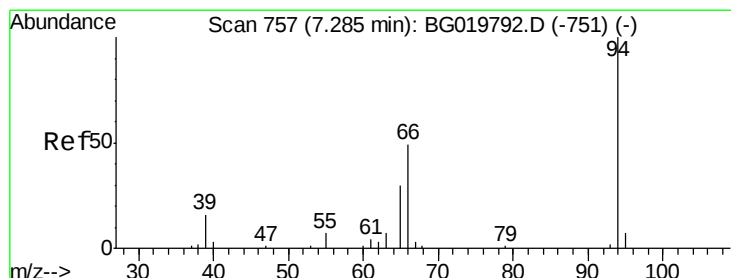
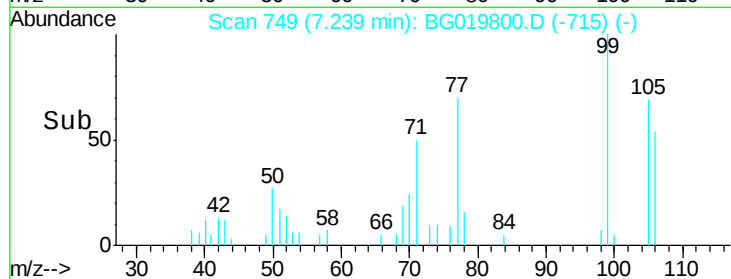
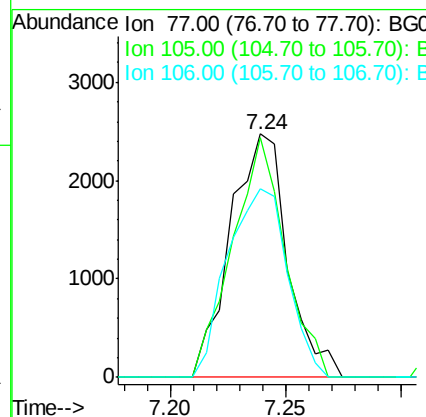
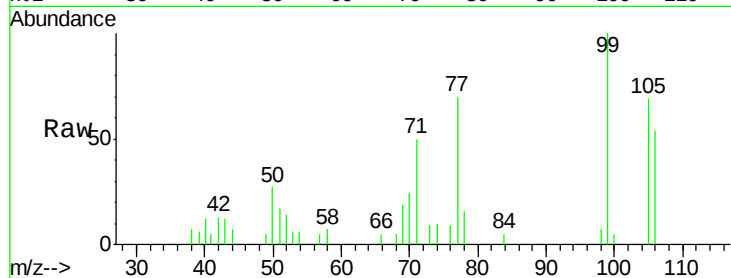
ClientSampleId :

A4J66

Manual Integrations
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Tgt Ion	Ratio	Lower	Upper
77	100		
105	98.7	58.6	88.0#
106	77.4	57.7	86.5



#6

Phenol

Concen: 1.38 ng/ul

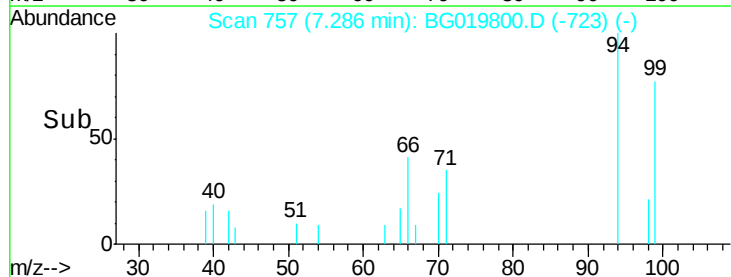
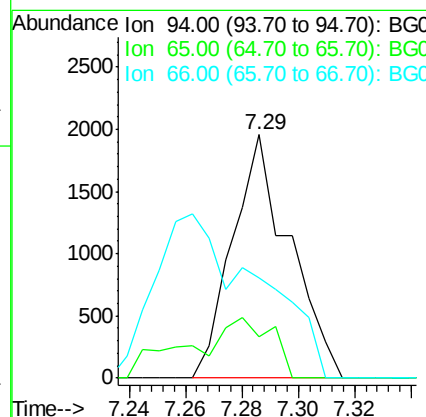
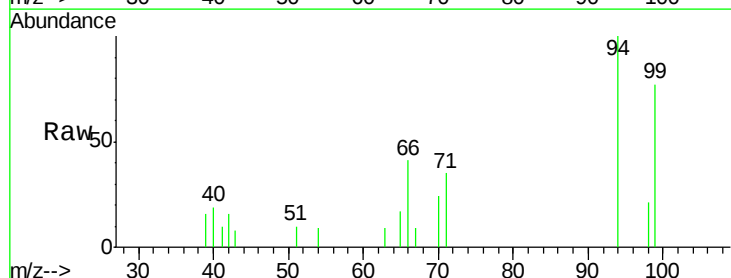
RT: 7.29 min Scan# 757

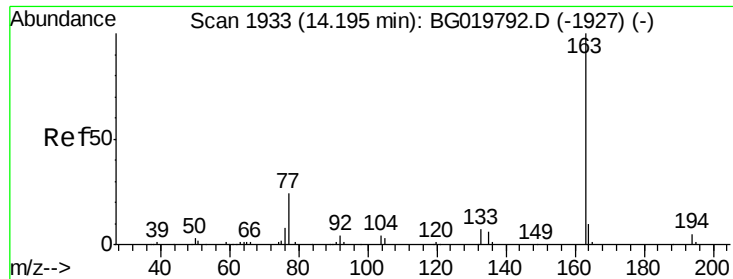
Delta R.T. 0.00 min

Lab File: BG019800.D

Acq: 23 Nov 2015 3:08

Tgt Ion	Ratio	Lower	Upper
94	100		
65	17.0	27.4	41.0#
66	41.0	39.0	58.6





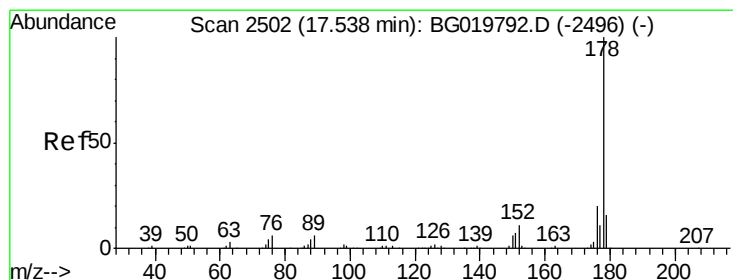
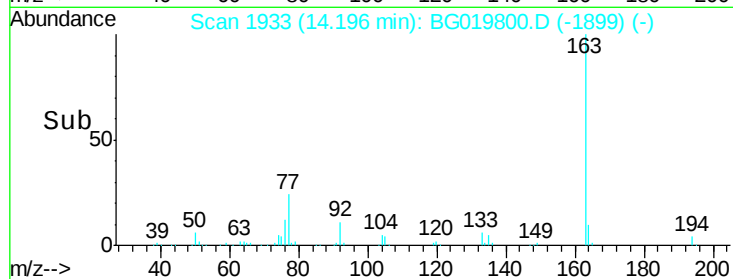
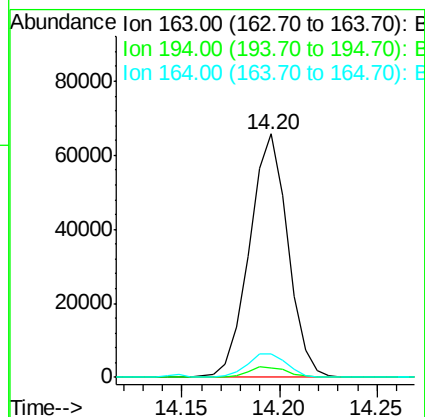
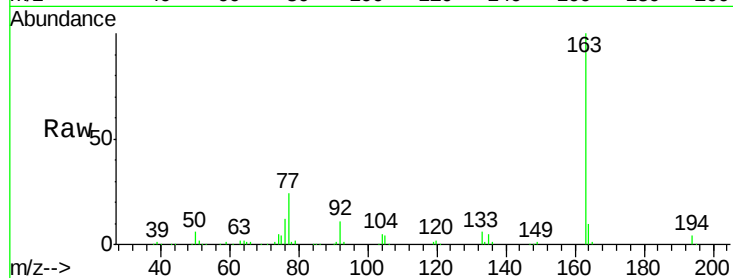
#45
Dimethylphthalate
Concen: 13.65 ng/ul
RT: 14.20 min Scan# 1933
Delta R.T. 0.00 min
Lab File: BG019800.D
Acq: 23 Nov 2015 3:08

Instrument :
BNA_G
ClientSampleId :
A4J66

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	4.0	3.5	5.3
164	9.6	8.3	12.5

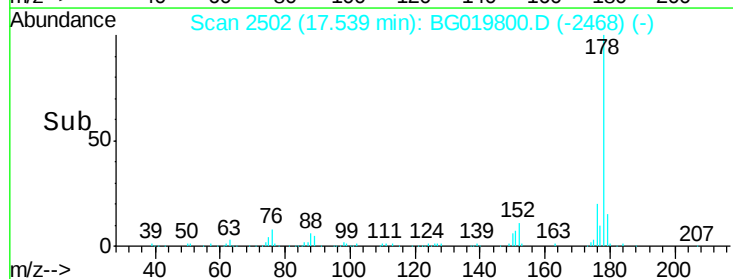
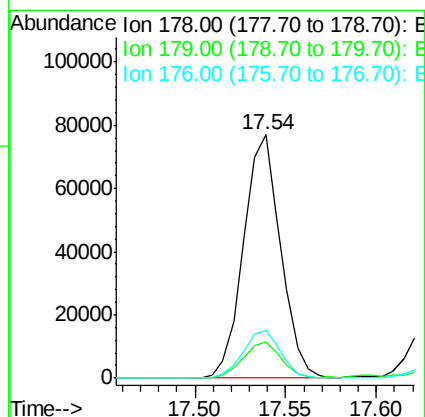
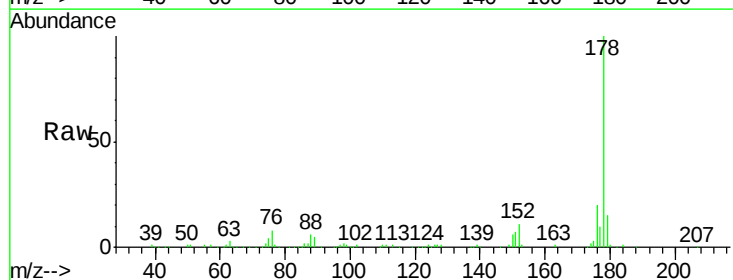
Manual Integrations
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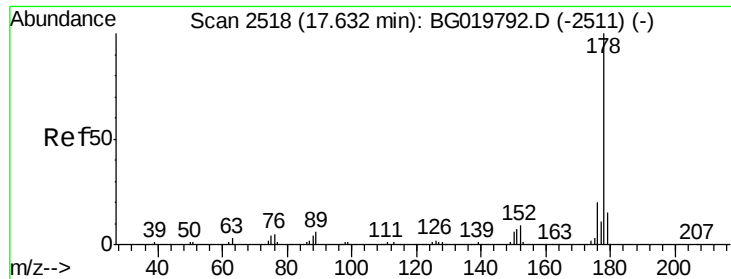
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#70
Phenanthrene
Concen: 10.17 ng/ul
RT: 17.54 min Scan# 2502
Delta R.T. 0.00 min
Lab File: BG019800.D
Acq: 23 Nov 2015 3:08

Tgt Ion	Ratio	Resp Lower	Resp Upper
178	100		
179	14.7	12.2	18.2
176	19.8	16.6	24.8





#72

Anthracene

Concen: 2.11 ng/ul m

RT: 17.63 min Scan# 2517

Delta R.T. -0.00 min

Lab File: BG019800.D

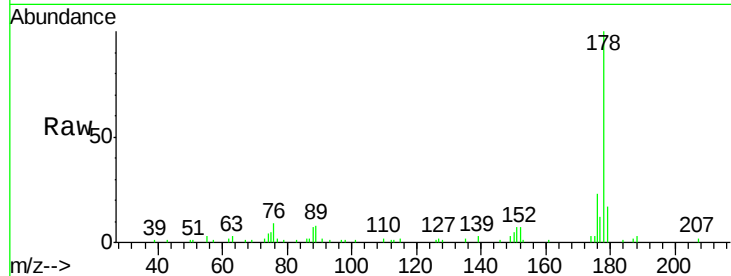
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Instrument :

BNA_G

ClientSampleId :

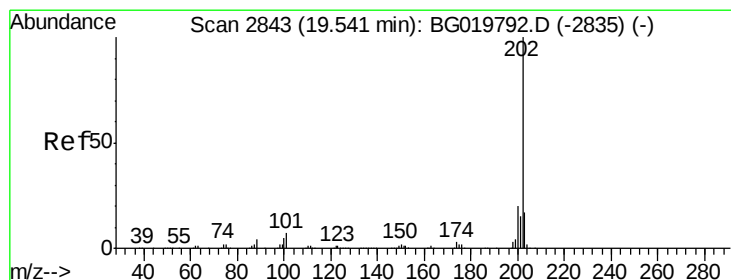
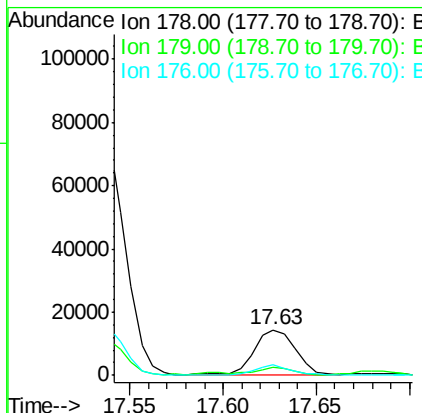
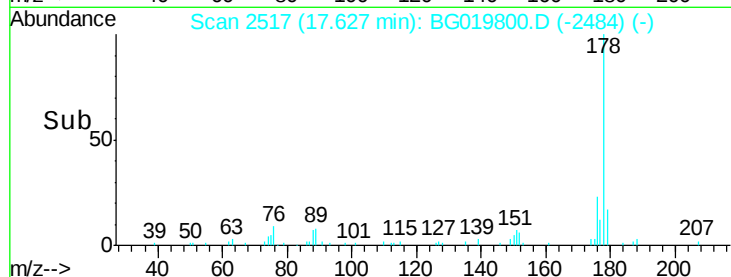
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Tgt Ion:	178	Resp:	22907
Ion Ratio	Lower	Upper	
178	100		
179	17.4	12.6	19.0
176	22.9	15.0	22.4#

Manual Integrations
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#77

Fluoranthene

Concen: 14.43 ng/ul

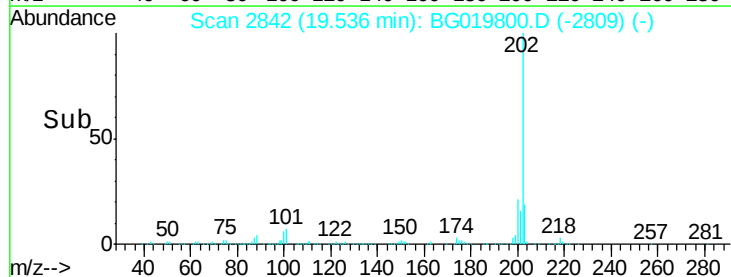
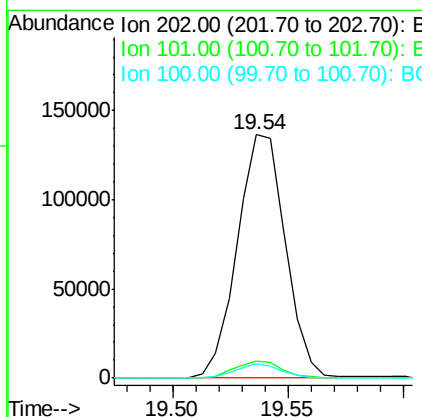
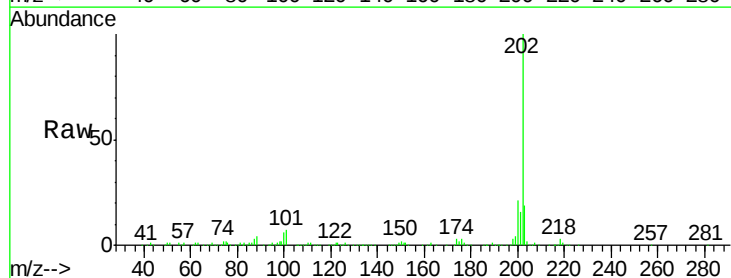
RT: 19.54 min Scan# 2842

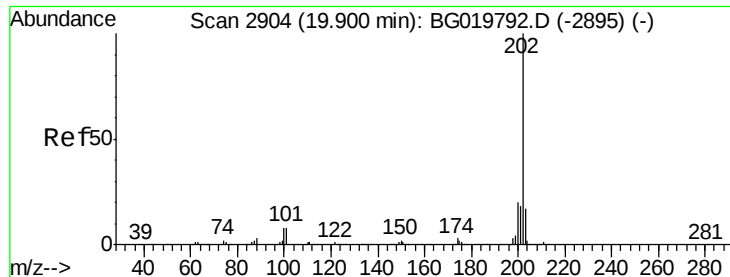
Delta R.T. -0.00 min

Lab File: BG019800.D

Acq: 23 Nov 2015 3:08

Tgt Ion:	202	Resp:	197564
Ion Ratio	Lower	Upper	
202	100		
101	7.0	5.2	7.8
100	5.9	5.0	7.4





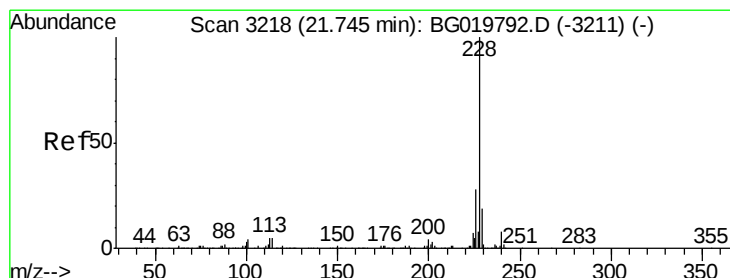
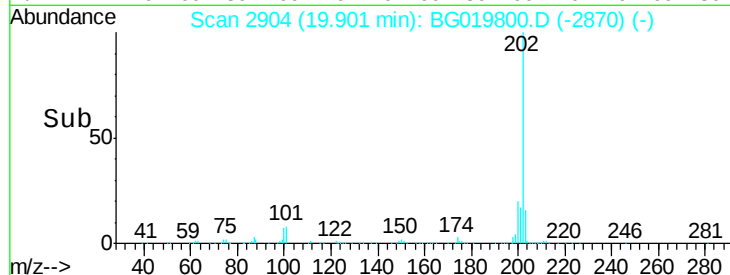
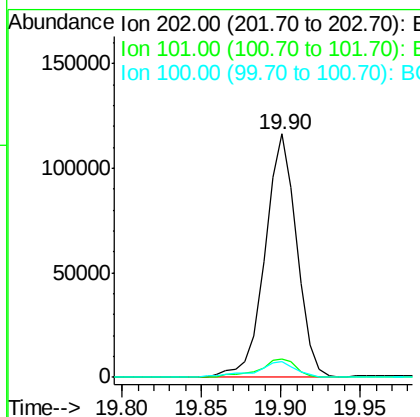
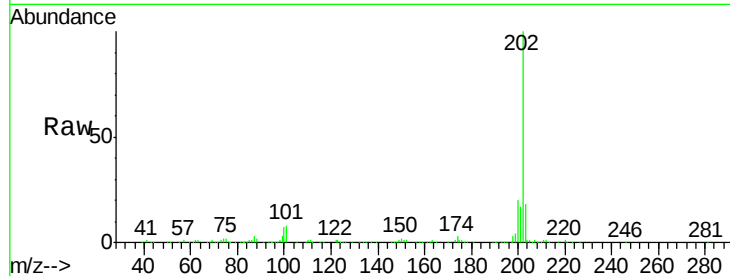
#80
Pyrene
Concen: 10.54 ng/ul
RT: 19.90 min Scan# 2904
Delta R.T. 0.00 min
Lab File: BG019800.D
Acq: 23 Nov 2015 3:08

Instrument :
BNA_G
ClientSampleId :
A4J66

Tgt	Ion	Ratio	Resp	Lower	Upper
202	100		162225		
101	7.7	7.0	10.6		
100	6.6	6.6	10.0		

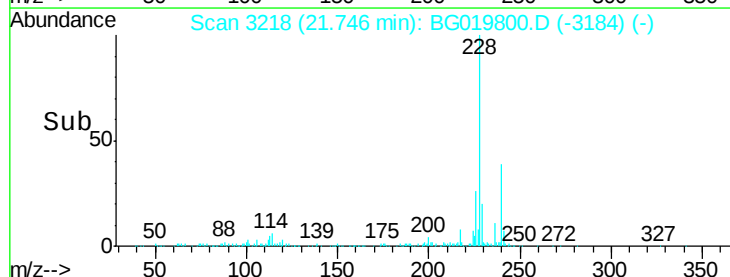
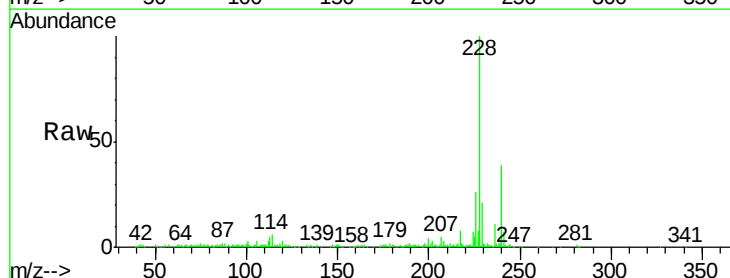
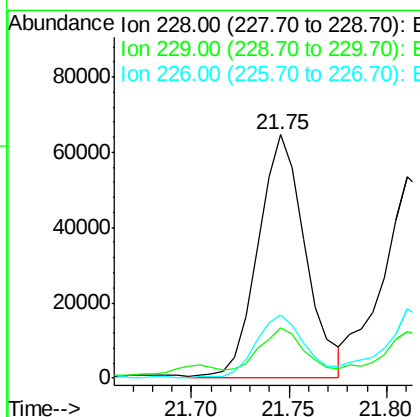
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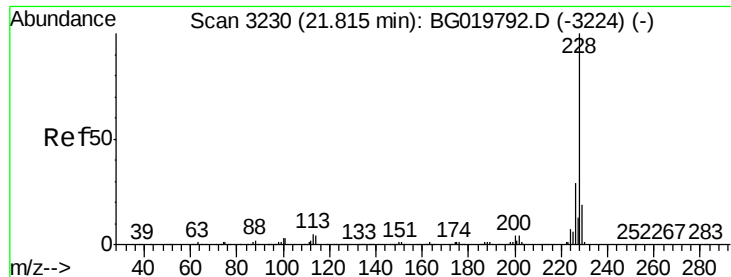
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11/23/2015 7:14:31 PM



#83
Benzo(a)anthracene
Concen: 6.78 ng/ul
RT: 21.75 min Scan# 3218
Delta R.T. 0.00 min
Lab File: BG019800.D
Acq: 23 Nov 2015 3:08

Tgt	Ion	Ratio	Resp	Lower	Upper
228	100		108334		
229	20.5	15.7	23.5		
226	25.9	22.6	33.8		





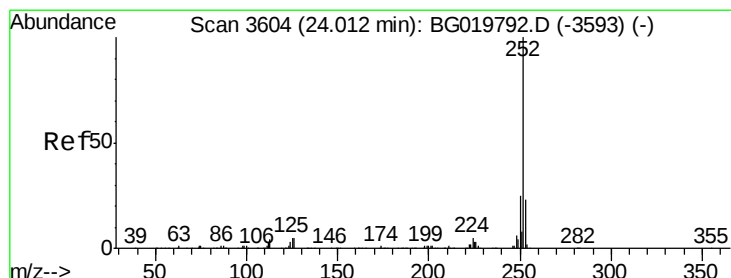
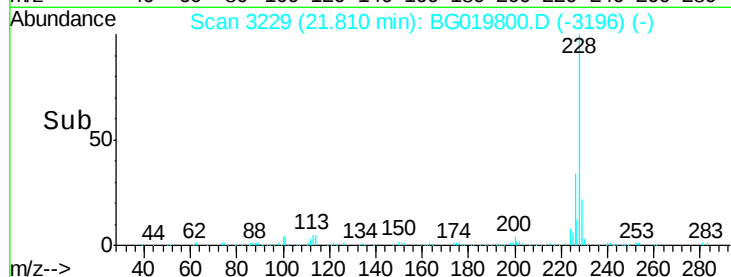
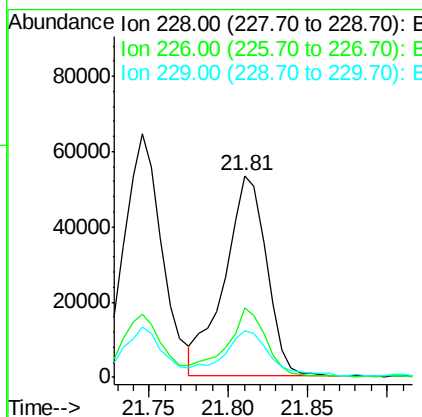
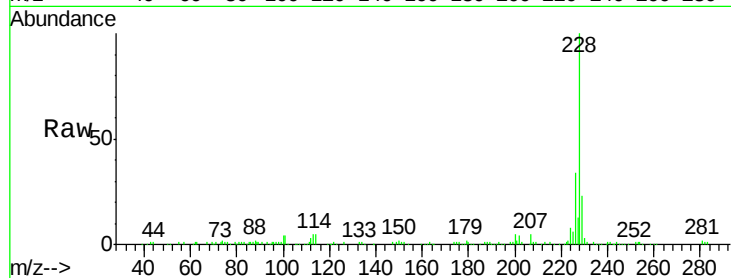
#85
 Chrysene
 Concen: 6.53 ng/ul
 RT: 21.81 min Scan# 3229
 Delta R.T. -0.00 min
 Lab File: BG019800.D
 Acq: 23 Nov 2015 3:08

Instrument :
 BNA_G
 ClientSampleId :
 A4J66

Tgt Ion:	228	Resp:	98173
Ion Ratio	Lower	Upper	
228	100		
226	34.4	24.9	37.3
229	22.9	17.0	25.6

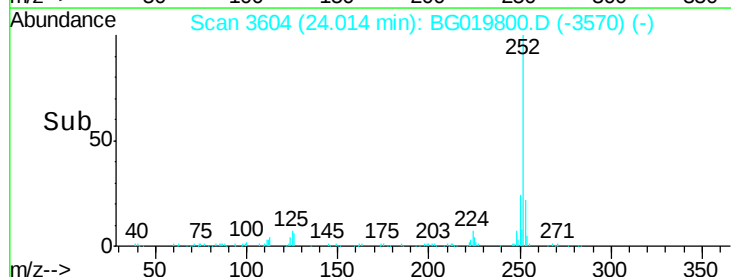
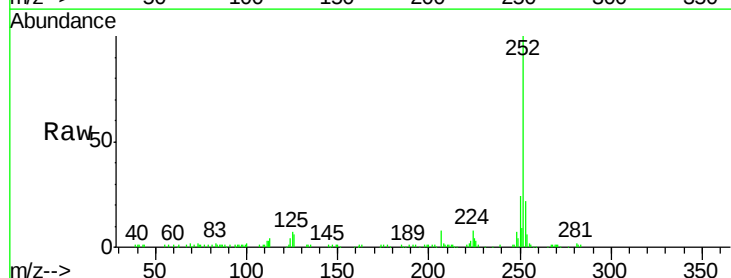
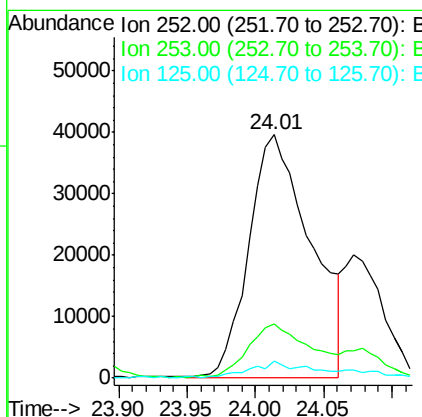
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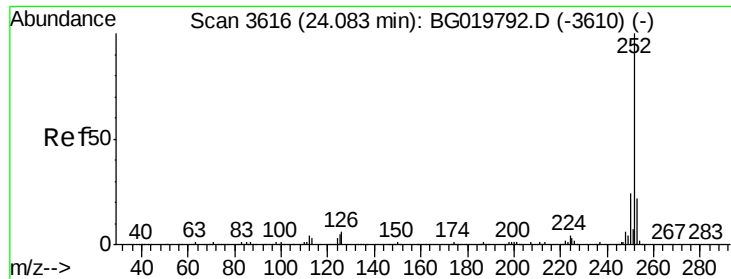
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 11/23/2015 7:14:31 PM



#88
 Benzo(b)fluoranthene
 Concen: 7.97 ng/ul m
 RT: 24.01 min Scan# 3604
 Delta R.T. 0.00 min
 Lab File: BG019800.D
 Acq: 23 Nov 2015 3:08

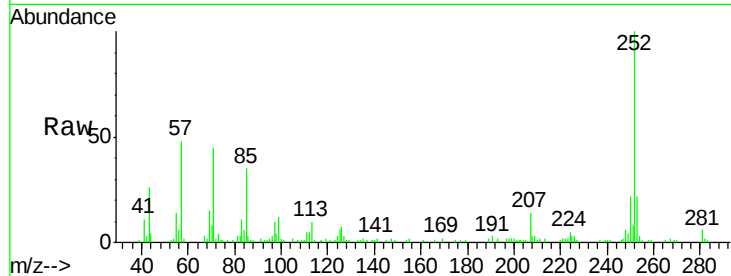
Tgt Ion:	252	Resp:	125550
Ion Ratio	Lower	Upper	
252	100		
253	22.4	17.1	25.7
125	6.8	4.2	6.4#





#89
Benzo(k)fluoranthene
Concen: 2.62 ng/ul
RT: 24.07 min Scan# 3614
Delta R.T. -0.01 min
Lab File: BG019800.D
Acq: 23 Nov 2015 3:08

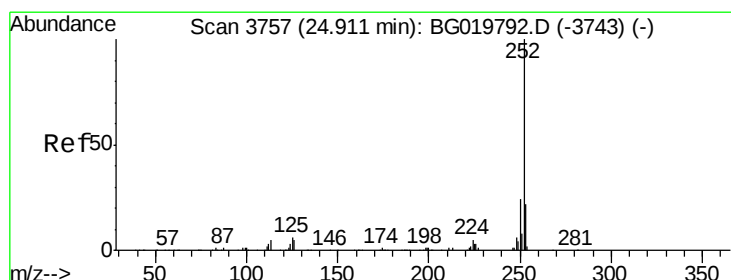
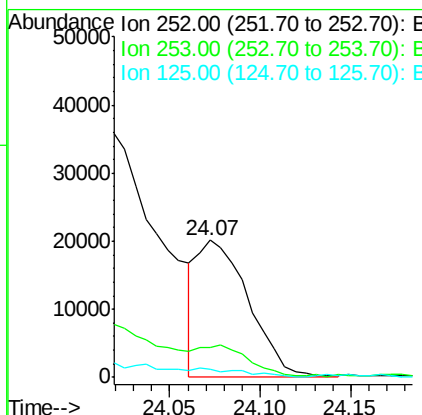
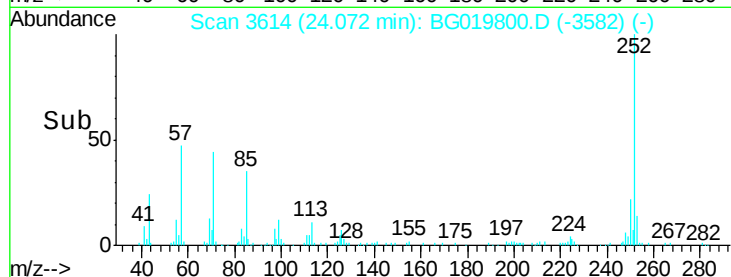
Instrument :
BNA_G
ClientSampled :
A4J66



Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	21.8	17.1	25.7
125	6.2	4.4	6.6

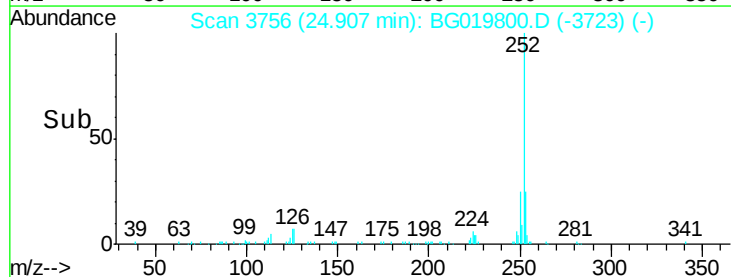
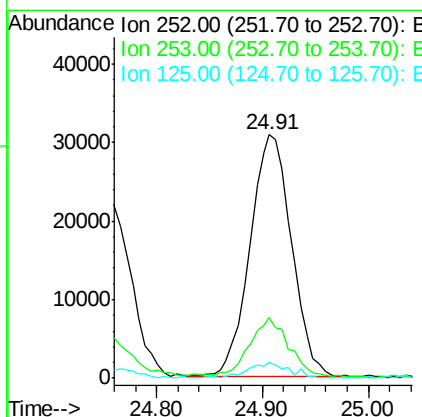
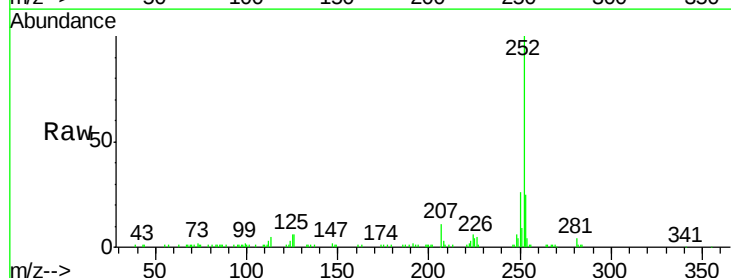
Manual Integrations
APPROVED

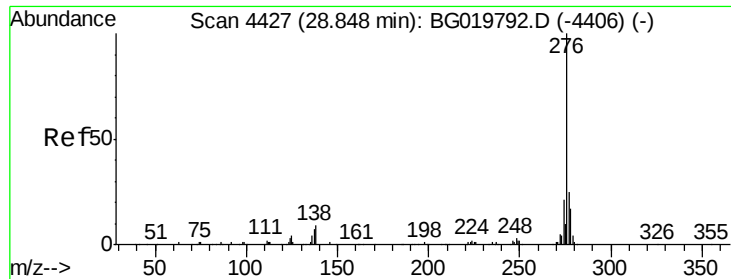
Mmdadoda
11/23/2015 7:14:31 PM



#91
Benzo(a)pyrene
Concen: 5.52 ng/ul
RT: 24.91 min Scan# 3756
Delta R.T. -0.00 min
Lab File: BG019800.D
Acq: 23 Nov 2015 3:08

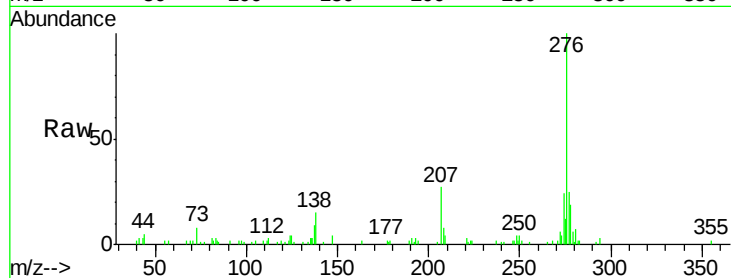
Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	24.6	16.9	25.3
125	6.3	5.4	8.0





#92
 Indeno(1,2,3-cd)pyrene
 Concen: 3.19 ng/ul
 RT: 28.84 min Scan# 4426
 Delta R.T. -0.00 min
 Lab File: BG019800.D
 Acq: 23 Nov 2015 3:08

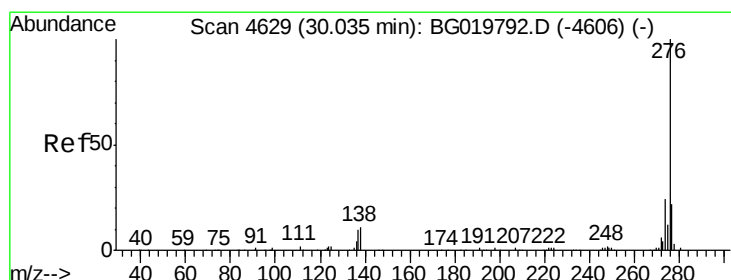
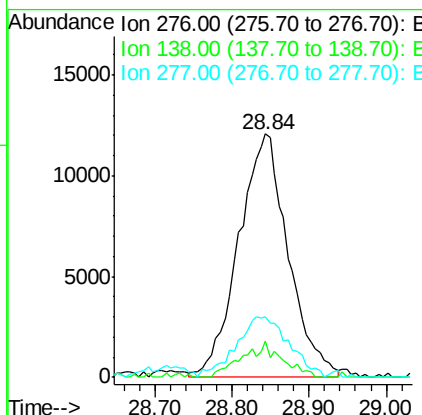
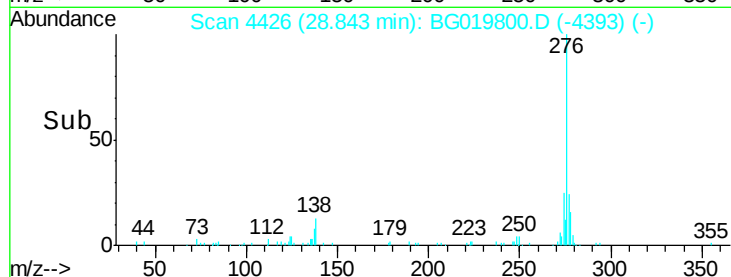
Instrument :
 BNA_G
 ClientSampleId :
 A4J66



Tgt Ion	Ratio	Lower	Upper
276	100		
138	14.7	9.9	14.9
277	25.1	21.3	31.9

Manual Integrations
 APPROVED

Mmdadoda
 11/23/2015 7:14:31 PM



#94
 Benzo(g,h,i)perylene
 Concen: 3.31 ng/ul m
 RT: 30.02 min Scan# 4626
 Delta R.T. -0.02 min
 Lab File: BG019800.D
 Acq: 23 Nov 2015 3:08

Tgt Ion	Ratio	Lower	Upper
276	100		
138	10.7	9.2	13.8
277	25.4	18.6	28.0

