

Data Path : Z:\HPCHEM1\BNA G\DATA\BG070516\
 Data File : BG022859.D
 Acq On : 5 Jul 2016 20:46
 Operator : UM/SJ
 Sample : H3811-14
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4TW2

Manual Integrations

sohil
 7/6/2016 7:17:26 PM

Quant Time: Jul 06 11:31:24 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG063016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 06 03:22:12 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	159902	20.00	ng/ul	0.00
18) Naphthalene-d8	10.99	136	757663	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.80	164	553820	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.55	188	1200518	20.00	ng/ul	0.00
75) Chrysene-d12	21.85	240	1285330	20.00	ng/ul	0.00
83) Perylene-d12	25.23	264	1326338	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.55	96	5066m	1.77	ng/uL	0.00
5) Phenol-d5	7.31	99	316082	18.79	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.47	67	183376	19.33	ng/ul	0.00
9) 2-Chlorophenol-d4	7.69	132	208881	18.59	ng/ul	0.00
13) 4-Methylphenol-d8	8.86	113	245847	18.82	ng/ul	0.00
19) Nitrobenzene-d5	9.33	128	106043m	17.55	ng/ul	0.00
22) 2-Nitrophenol-d4	10.05	143	131984	18.11	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.60	165	266839	17.51	ng/ul	0.00
29) 4-Chloroaniline-d4	11.12	131	146792	11.38	ng/ul	0.00
43) Dimethylphthalate-d6	14.20	166	866086	19.25	ng/ul	0.00
46) Acenaphthylene-d8	14.50	160	994451	19.29	ng/ul	0.00
51) 4-Nitrophenol-d4	15.00	143	118853	16.82	ng/ul	0.00
57) Fluorene-d10	15.79	176	800805	18.79	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.90	200	140214	18.16	ng/ul	0.00
70) Anthracene-d10	17.65	188	1065652	19.10	ng/ul	0.00
76) Pyrene-d10	19.93	212	1271496	20.71	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.99	264	1212827	19.25	ng/ul	0.00

Target Compounds

						Ovalue
44) Dimethylphthalate	14.24	163	249700	5.44	ng/ul#	95
69) Phenanthrene	17.60	178	205868	3.35	ng/ul	98
73) Di-n-butylphthalate	18.50	149	374213	6.24	ng/ul#	97
74) Fluoranthene	19.60	202	436545	6.82	ng/ul#	88
77) Pyrene	19.96	202	480049m	6.67	ng/ul	
78) Butylbenzylphthalate	20.84	149	431658	15.47	ng/ul#	85
80) Benzo(a)anthracene	21.83	228	209144	2.77	ng/ul	97
81) Bis(2-ethylhexyl)phthalate	21.72	149	281904	7.83	ng/ul#	96
82) Chrysene	21.90	228	270990	3.95	ng/ul	97
85) Benzo(b)fluoranthene	24.15	252	310168	3.74	ng/ul#	90
86) Benzo(k)fluoranthene	24.20	252	99621m	1.28	ng/ul	
88) Benzo(a)pyrene	25.06	252	216540	2.75	ng/ul#	89
89) Indeno(1,2,3-cd)pyrene	29.06	276	167215m	2.01	ng/ul	
91) Benzo(g,h,i)perylene	30.30	276	144867m	2.22	ng/ul	

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

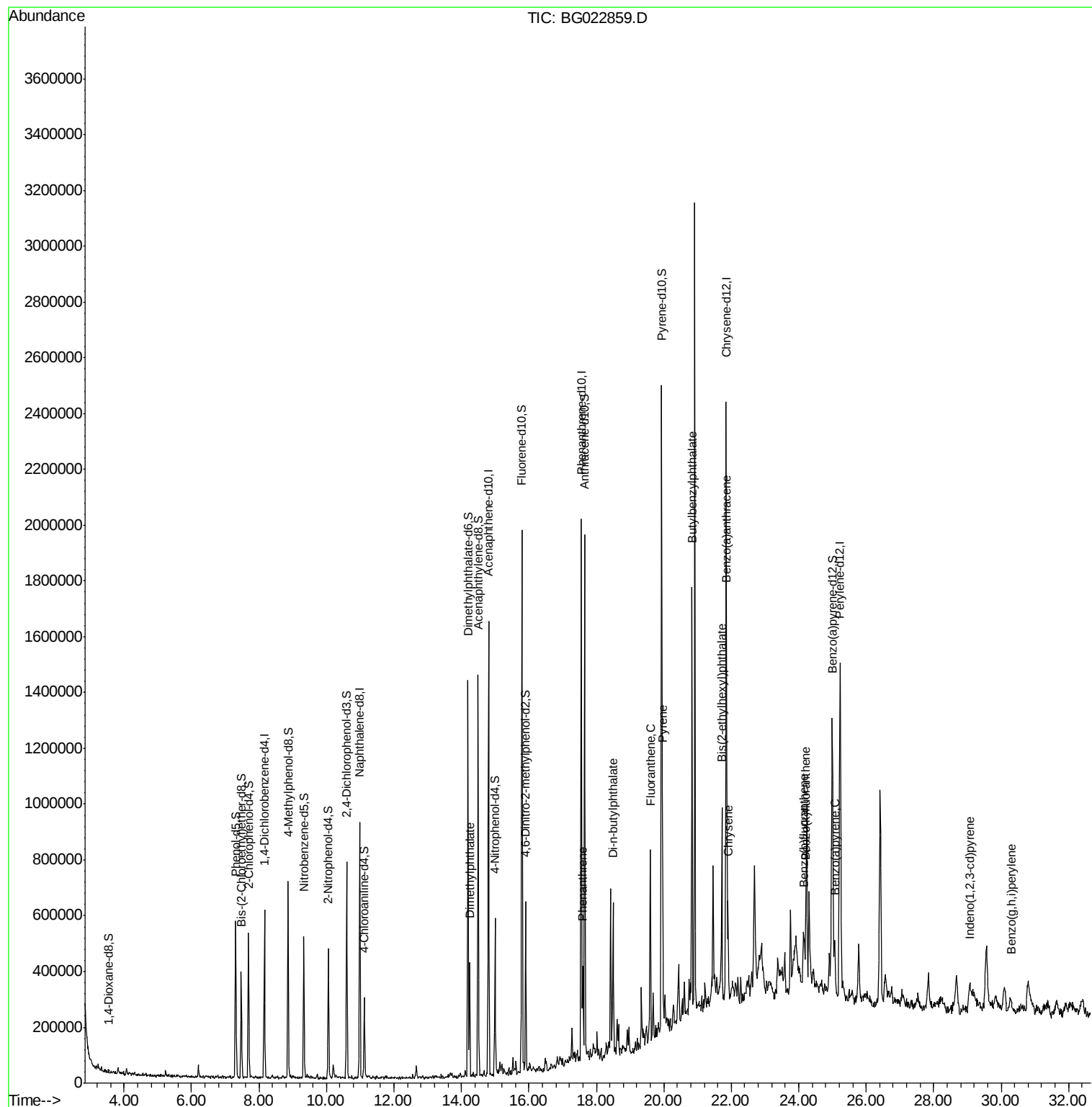
Data Path : Z:\HPCHEM1\BNA G\DATA\BG070516\
Data File : BG022859.D
Acq On : 5 Jul 2016 20:46
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Sample : H3811-14
Misc :
ALS Vial : 15 Sample Multiplier: 1

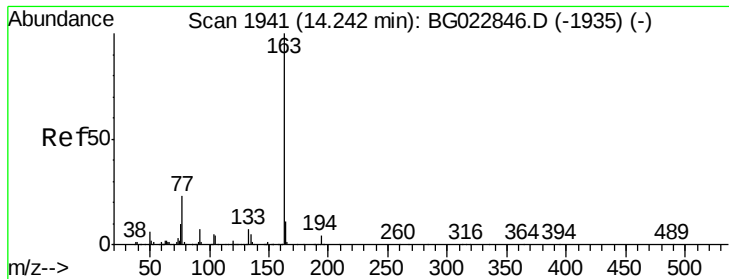
Instrument :
BNA_G
ClientSampled :
A4TW2

Manual Integrations

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Quant Time: Jul 06 11:31:24 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG063016.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 06 03:22:12 2016
Response via : Initial Calibration





#44

Dimethylphthalate

Concen: 5.44 ng/ul

RT: 14.24 min Scan# 1941

Delta R.T. 0.00 min

Lab File: BG022859.D

Acq: 5 Jul 2016 20:46

Instrument :

BNA_G

ClientSampleId :

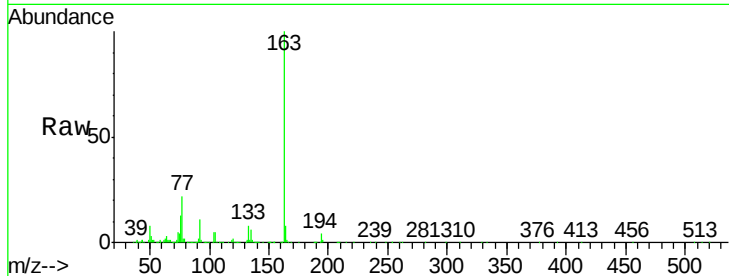
A4TW2

Tot Ion:	163	Resp:	249700
Ion Ratio	Lower	Upper	
163	100		
194	3.6	3.4	5.2
164	8.4	8.8	13.2#

Manual Integrations

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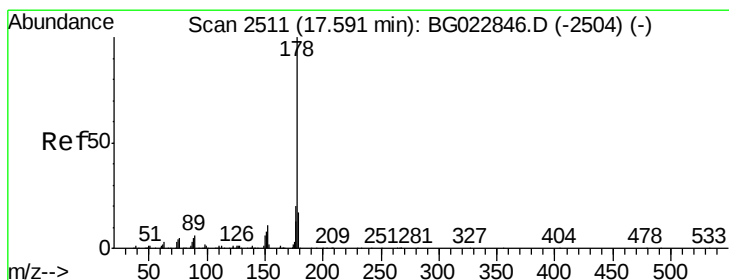
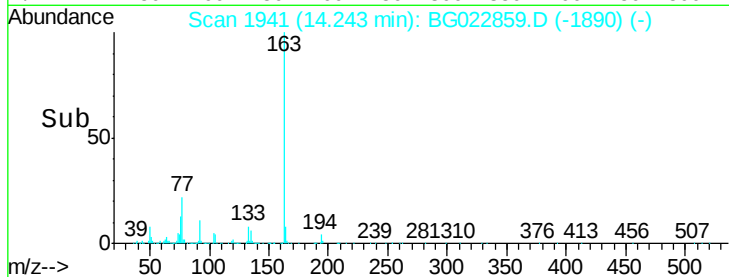
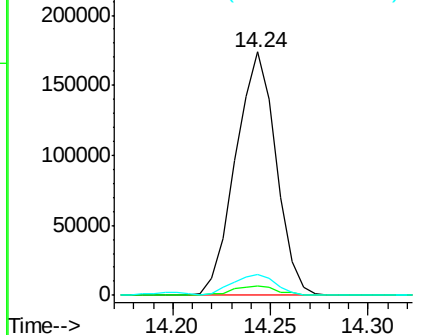
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Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#69

Phenanthrene

Concen: 3.35 ng/ul

RT: 17.60 min Scan# 2512

Delta R.T. 0.01 min

Lab File: BG022859.D

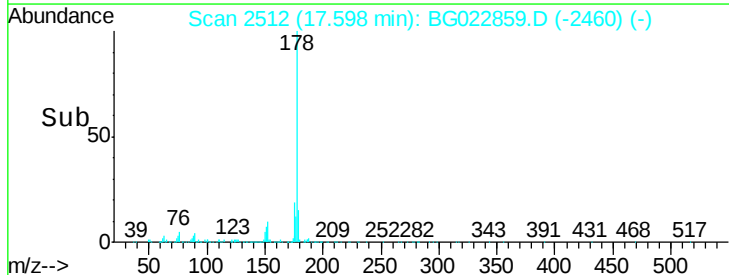
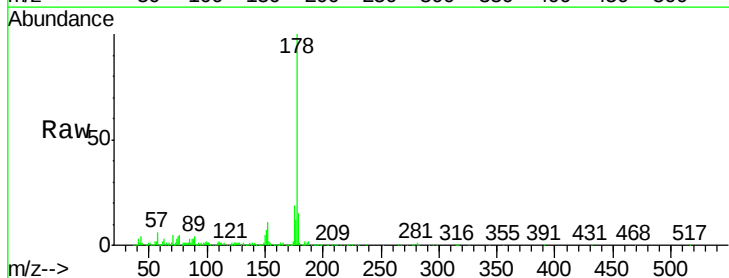
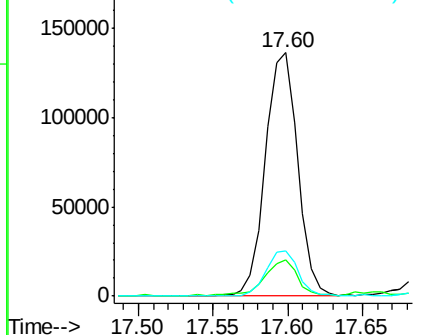
Acq: 5 Jul 2016 20:46

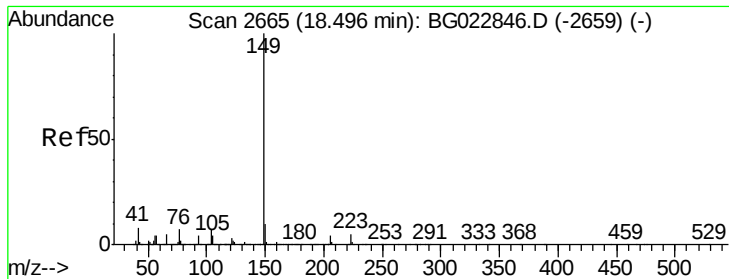
Tgt Ion:	178	Resp:	205868
Ion Ratio	Lower	Upper	
178	100		
179	15.1	12.9	19.3
176	18.8	15.8	23.8

Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#73

Di-n-butylphthalate

Concen: 6.24 ng/ul

RT: 18.50 min Scan# 2665

Delta R.T. 0.00 min

Lab File: BG022859.D

Acq: 5 Jul 2016 20:46

Instrument :

BNA_G

ClientSampleId :

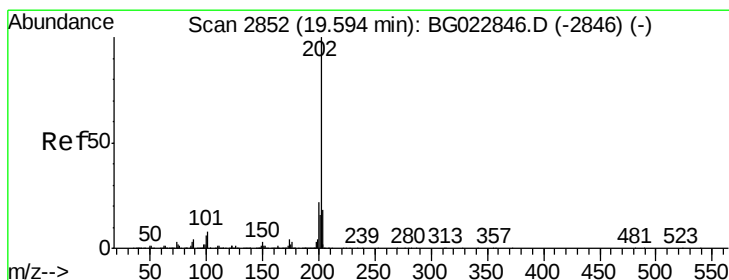
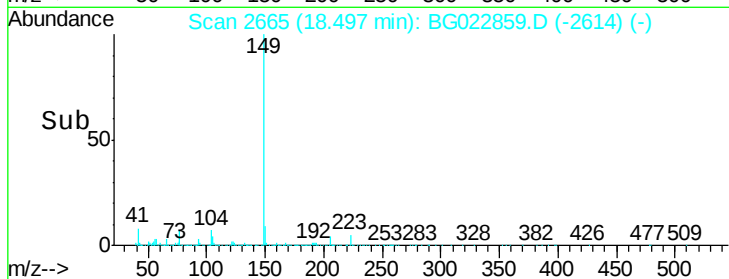
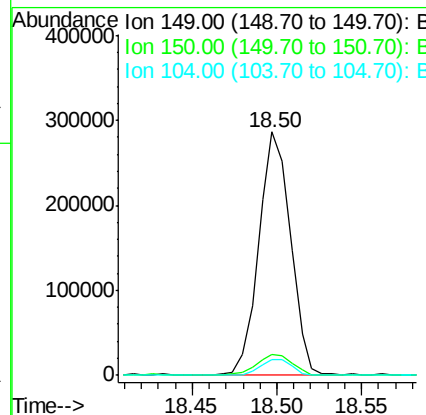
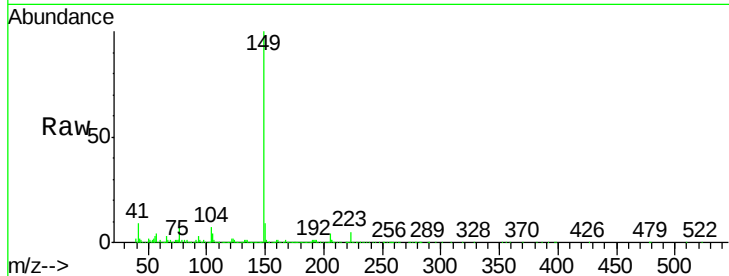
A4TW2

Tot Ion:	149	Resp:	374213
Ion Ratio	Lower	Upper	
149	100		
150	8.6	7.1	10.7
104	6.6	3.3	4.9#

Manual Integrations

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7/6/2016 7:17:26 PM



#74

Fluoranthene

Concen: 6.82 ng/ul

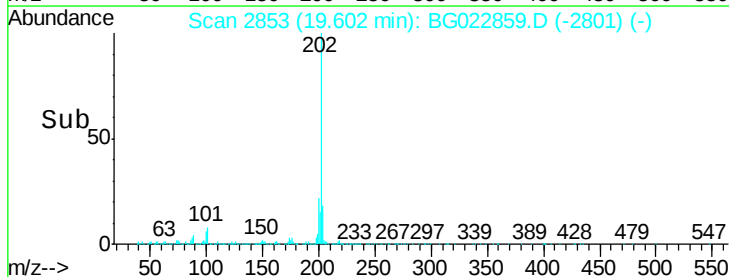
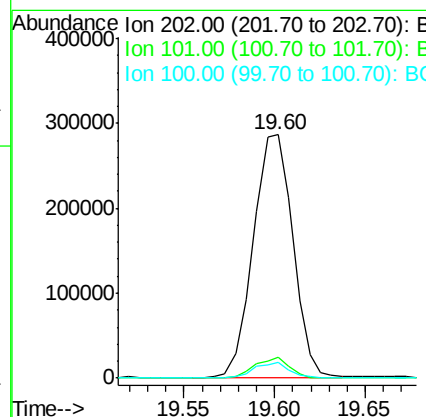
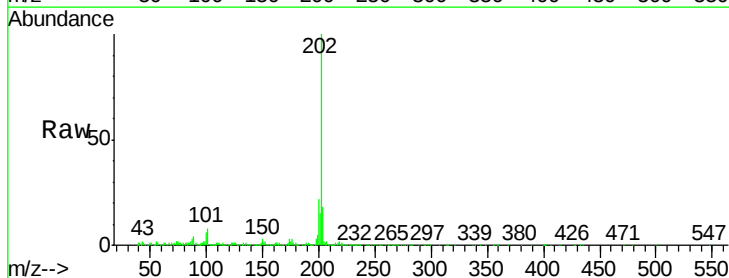
RT: 19.60 min Scan# 2853

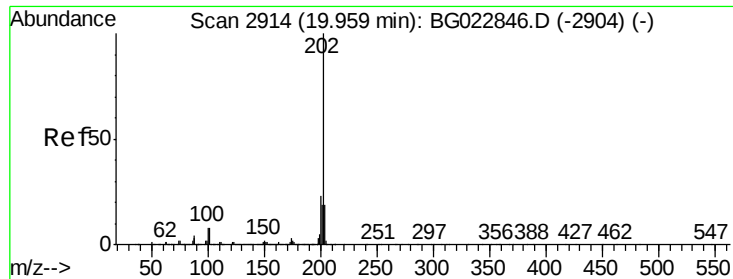
Delta R.T. 0.01 min

Lab File: BG022859.D

Acq: 5 Jul 2016 20:46

Tgt Ion:	202	Resp:	436545
Ion Ratio	Lower	Upper	
202	100		
101	8.3	10.6	16.0#
100	6.5	8.7	13.1#





#77

Pvrene

Concen: 6.67 ng/ul m

RT: 19.96 min Scan# 2914

Delta R.T. 0.00 min

Lab File: BG022859.D

Acq: 5 Jul 2016 20:46

Instrument :

BNA_G

ClientSampleId :

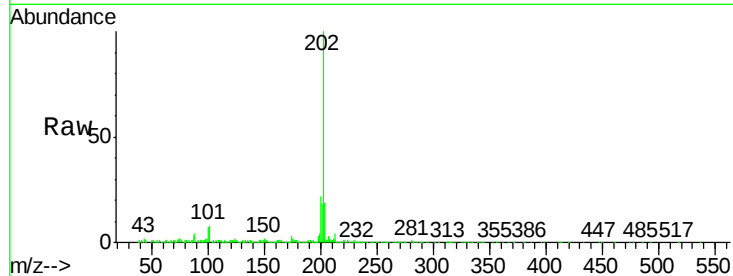
A4TW2

Tot Ion:	202	Resp:	480049
Ion Ratio	Lower	Upper	
202	100		
101	8.2	12.5	18.7#
100	7.3	10.2	15.4#

Manual Integrations

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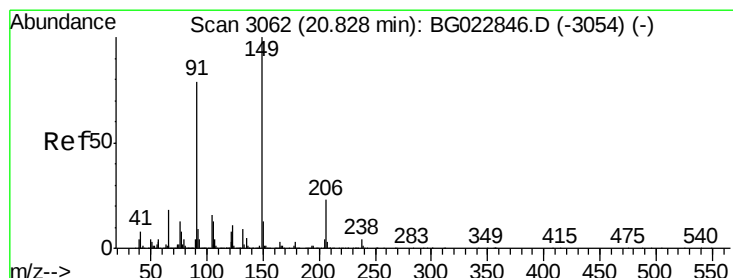
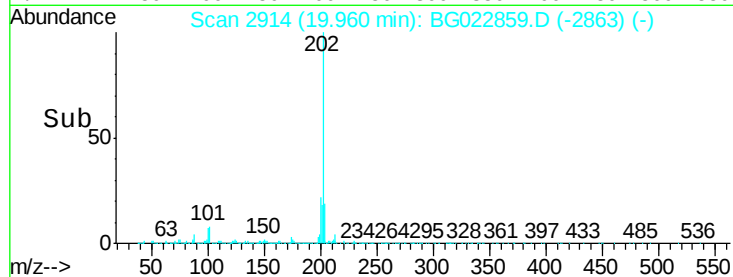
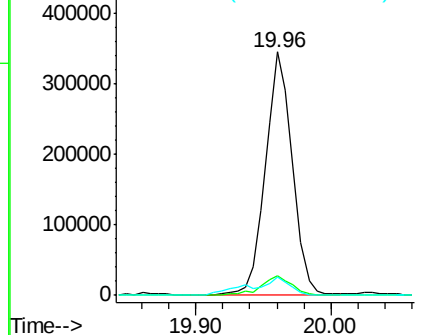
7/6/2016 7:17:26 PM



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): E



#78

Butylbenzylphthalate

Concen: 15.47 ng/ul

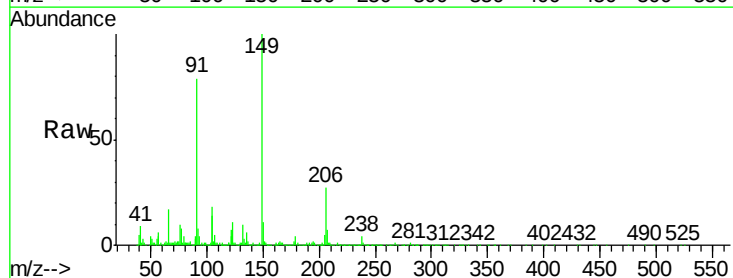
RT: 20.84 min Scan# 3063

Delta R.T. 0.01 min

Lab File: BG022859.D

Acq: 5 Jul 2016 20:46

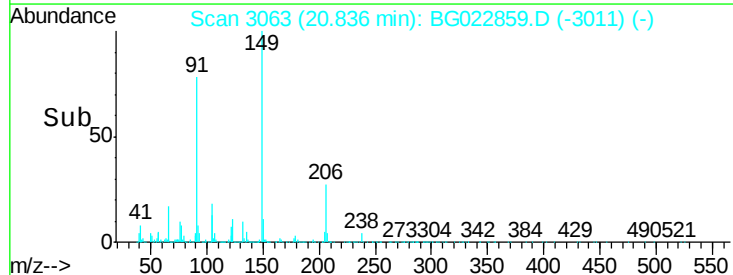
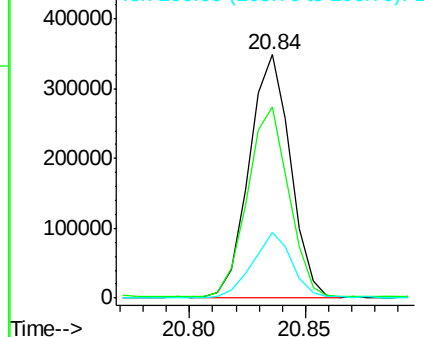
Tgt Ion:	149	Resp:	431658
Ion Ratio	Lower	Upper	
149	100		
91	78.6	54.2	81.4
206	27.2	14.1	21.1#

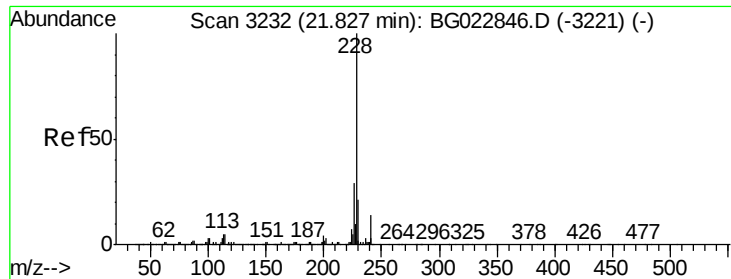


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): E

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 2.77 ng/ul

RT: 21.83 min Scan# 3233

Delta R.T. 0.01 min

Lab File: BG022859.D

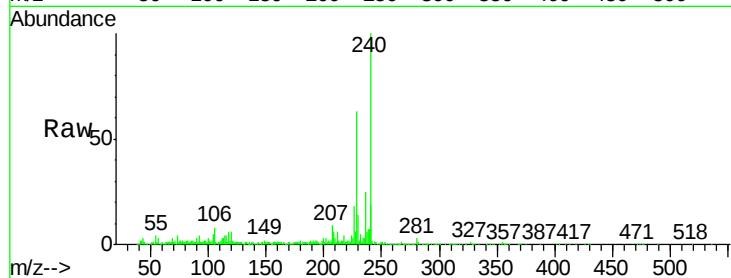
Acq: 5 Jul 2016 20:46

Instrument :

BNA_G

ClientSampleId :

A4TW2

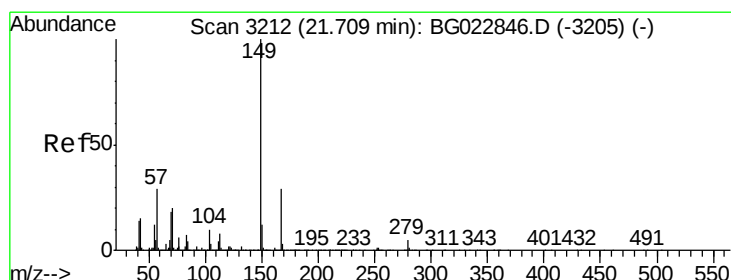
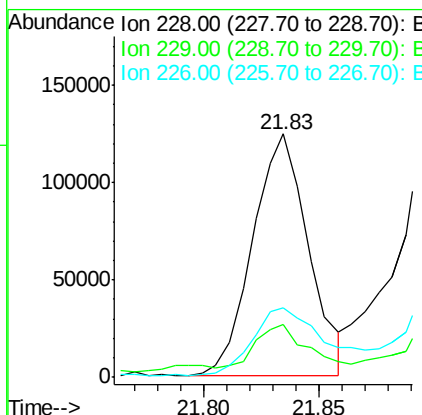
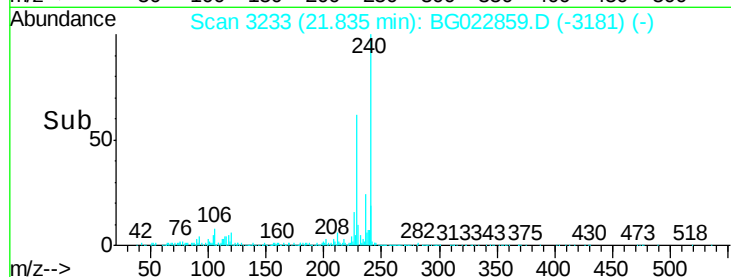


Tot Ion:	228	Resp:	209144
Ion	Ratio	Lower	Upper
228	100		
229	21.9	15.4	23.2
226	28.7	22.8	34.2

Manual Integrations

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7/6/2016 7:17:26 PM



#81

Bis(2-ethylhexyl)phthalate

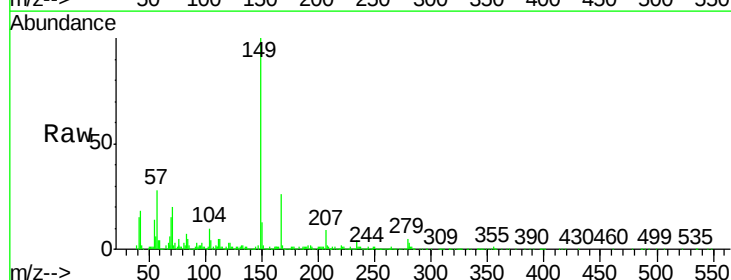
Concen: 7.83 ng/ul

RT: 21.72 min Scan# 3213

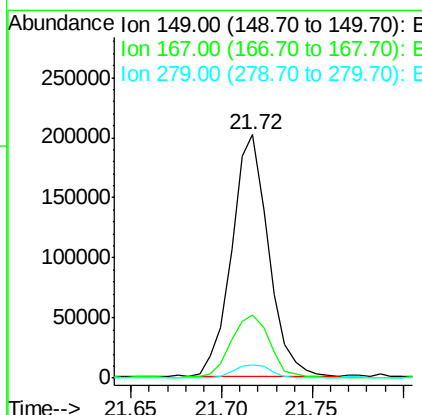
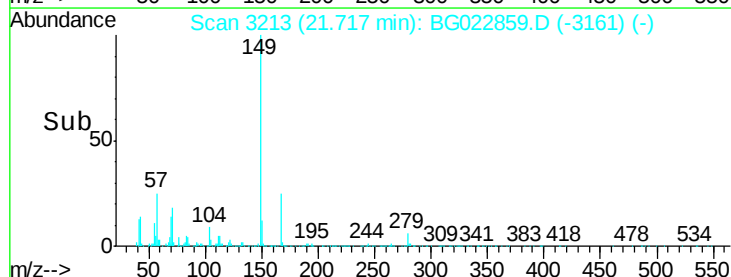
Delta R.T. 0.01 min

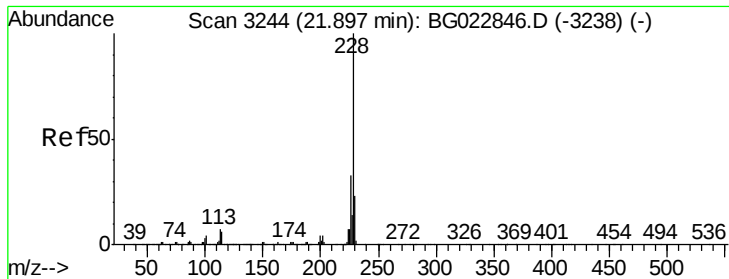
Lab File: BG022859.D

Acq: 5 Jul 2016 20:46



Tgt Ion:	149	Resp:	281904
Ion	Ratio	Lower	Upper
149	100		
167	25.7	21.9	32.9
279	5.5	2.9	4.3#





#82

Chrysene

Concen: 3.95 ng/ul

RT: 21.90 min Scan# 3244

Delta R.T. 0.00 min

Lab File: BG022859.D

Acq: 5 Jul 2016 20:46

Instrument :

BNA_G

ClientSampleId :

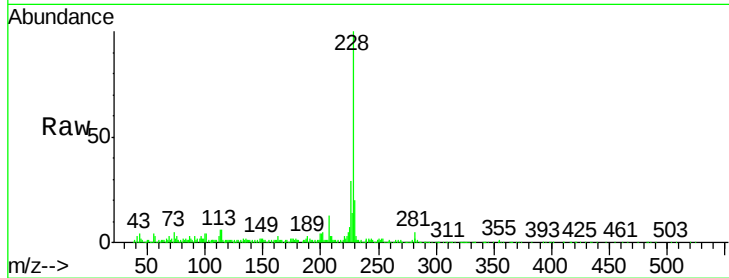
A4TW2

Tot Ion:	228	Resp:	270990
Ion Ratio	Lower	Upper	
228	100		
226	29.0	24.2	36.4
229	20.3	15.0	22.6

Manual Integrations

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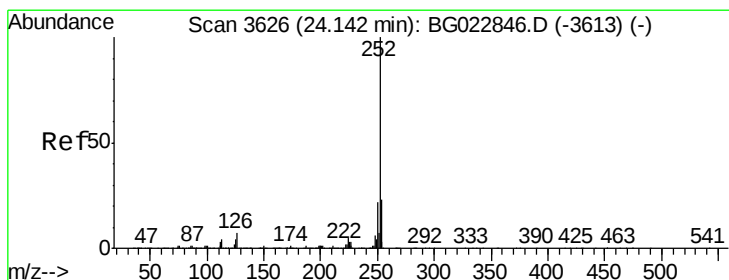
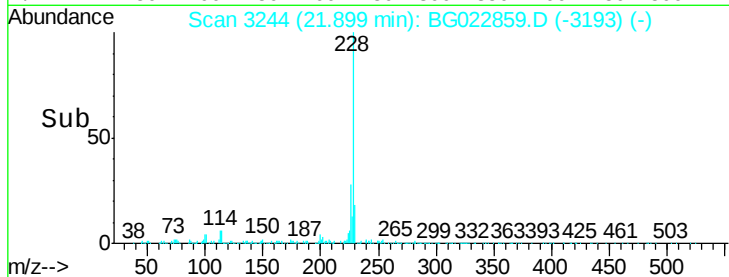
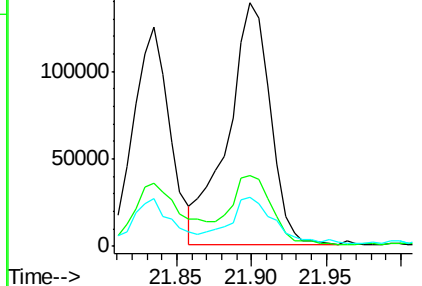
7/6/2016 7:17:26 PM



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: 3.74 ng/ul

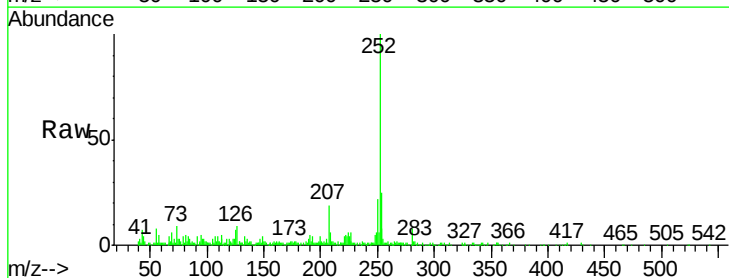
RT: 24.15 min Scan# 3627

Delta R.T. 0.01 min

Lab File: BG022859.D

Acq: 5 Jul 2016 20:46

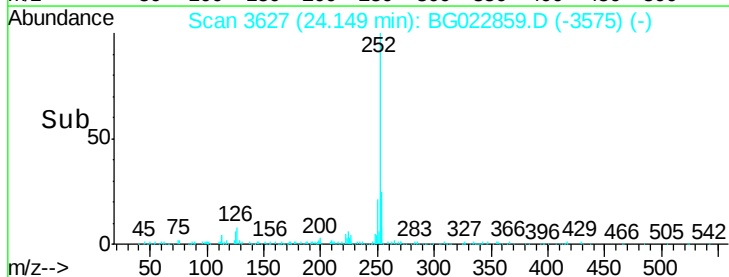
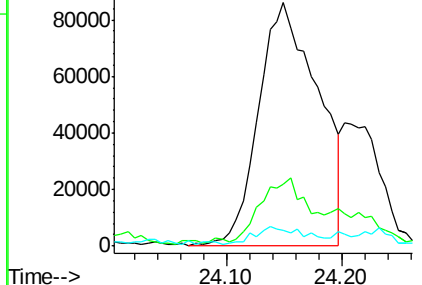
Tgt Ion:	252	Resp:	310168
Ion Ratio	Lower	Upper	
252	100		
253	25.2	18.2	27.2
125	6.7	10.8	16.2#

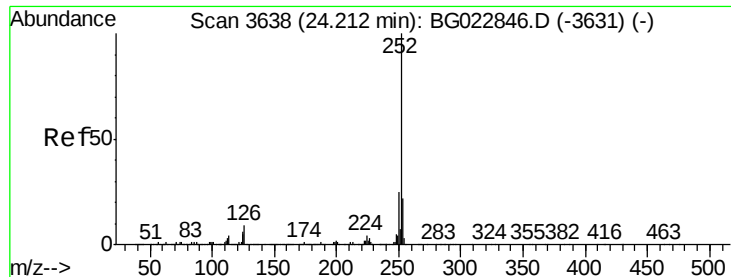


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#86

Benzo(k)fluoranthene

Concen: 1.28 ng/ul m

RT: 24.20 min Scan# 3636

Delta R.T. -0.01 min

Lab File: BG022859.D

Acq: 5 Jul 2016 20:46

Instrument :

BNA_G

ClientSampled :

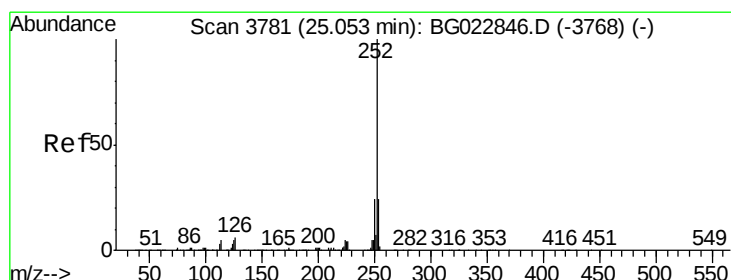
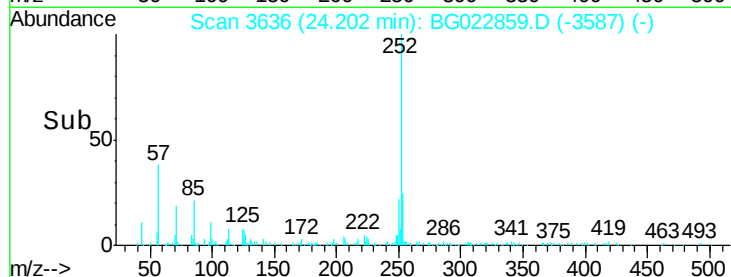
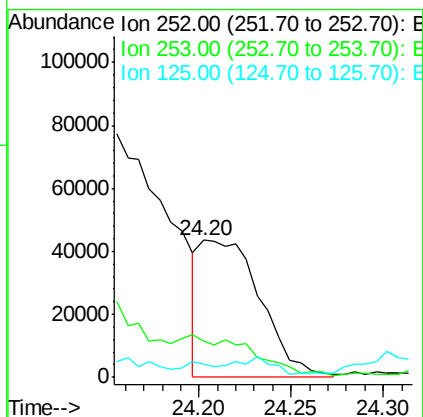
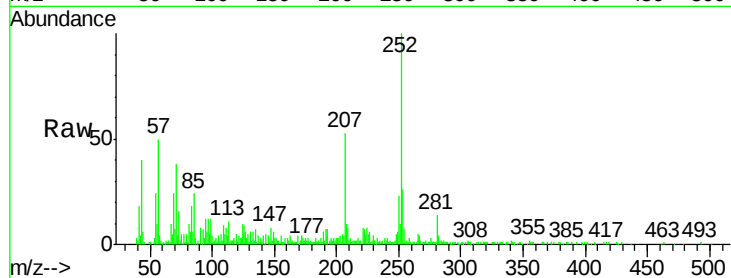
A4TW2

Tot Ion:	252	Resp:	99621
Ion Ratio	Lower	Upper	
252	100		
253	26.5	15.8	23.6#
125	9.6	10.6	16.0#

Manual Integrations

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7/6/2016 7:17:26 PM



#88

Benzo(a)pyrene

Concen: 2.75 ng/ul

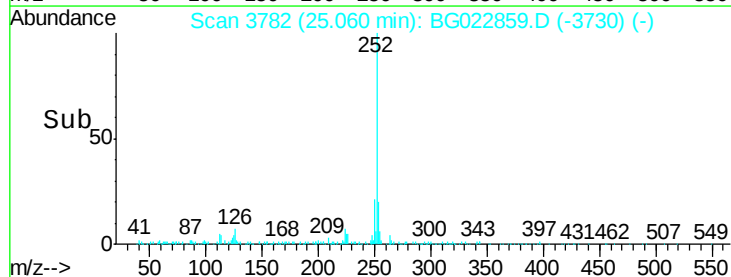
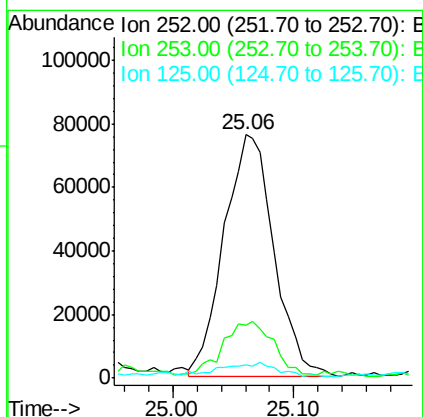
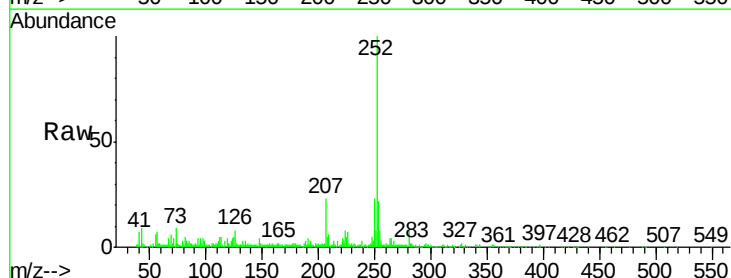
RT: 25.06 min Scan# 3782

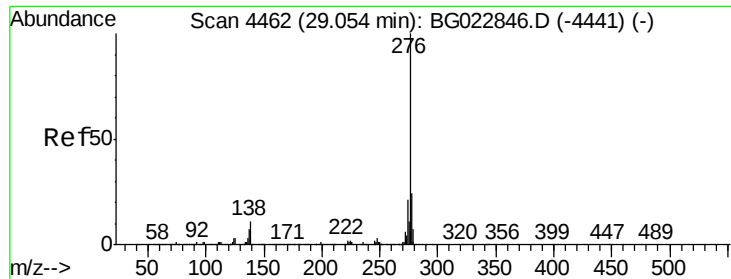
Delta R.T. 0.01 min

Lab File: BG022859.D

Acq: 5 Jul 2016 20:46

Tgt Ion:	252	Resp:	216540
Ion Ratio	Lower	Upper	
252	100		
253	21.8	19.0	28.4
125	5.3	12.0	18.0#





#89

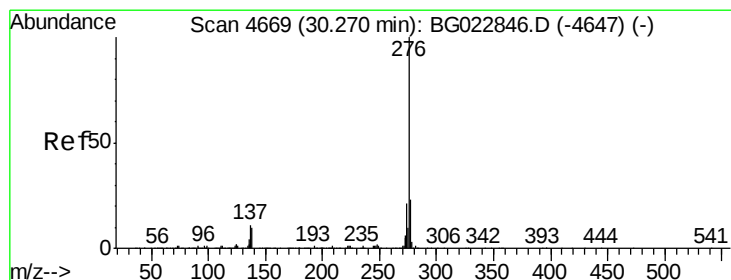
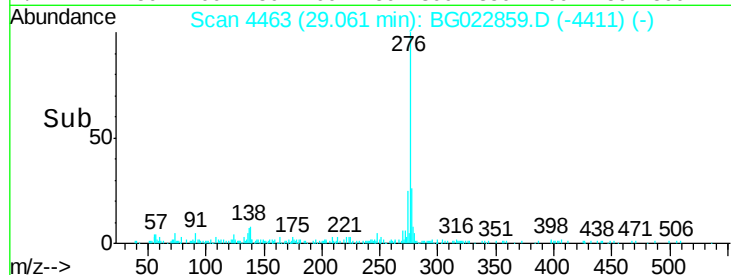
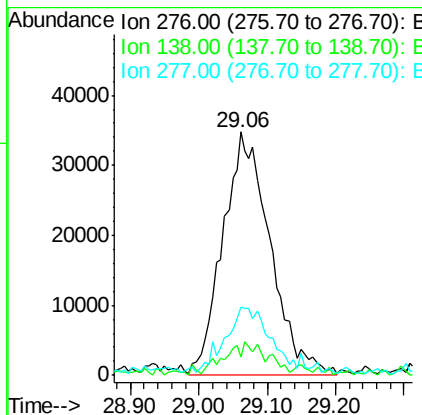
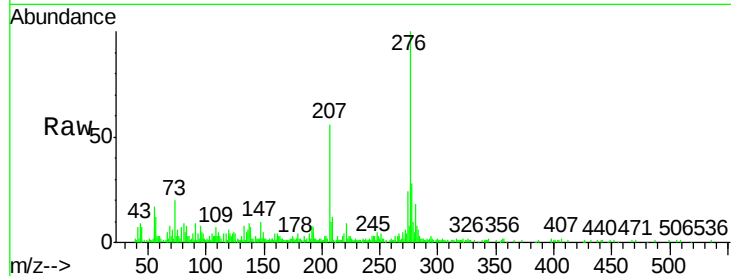
Indeno(1,2,3-cd)pyrene
Concen: 2.01 ng/ul m
RT: 29.06 min Scan# 4463
Delta R.T. 0.01 min
Lab File: BG022859.D
Acq: 5 Jul 2016 20:46

Instrument :
BNA_G
ClientSampleId :
A4TW2

Tot Ion	Ratio	Lower	Upper
276	100		
138	7.4	20.8	31.2#
277	27.8	17.6	26.4#

Manual Integrations

sohil
7/6/2016 7:17:26 PM



#91

Benzo(g,h,i)perylene
Concen: 2.22 ng/ul m
RT: 30.30 min Scan# 4673
Delta R.T. 0.03 min
Lab File: BG022859.D
Acq: 5 Jul 2016 20:46

Tgt Ion	Ratio	Lower	Upper
276	100		
138	18.9	22.1	33.1#
277	26.5	17.0	25.4#

