

Data Path : Z:\HPCHEM1\BNA G\DATA\BG051116\
 Data File : BG021841.D
 Acq On : 11 May 2016 13:00
 Operator : UM/SJ
 Sample : H2937-09
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9X87

Manual Integrations
 APPROVED

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 5/12/2016 7:28:35 PM

Quant Time: May 12 05:52:54 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG050916.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu May 12 04:46:15 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.18	152	77813	20.00	ng/ul	0.00
18) Naphthalene-d8	11.00	136	433682	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.80	164	275255	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.54	188	575346	20.00	ng/ul	0.00
76) Chrysene-d12	21.83	240	559323	20.00	ng/ul	0.00
84) Perylene-d12	25.18	264	551309	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.57	96	4549	2.82	ng/uL	0.00
5) Phenol-d5	7.33	99	95333	16.51	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.50	67	45788	15.99	ng/ul	0.00
9) 2-Chlorophenol-d4	7.71	132	85159	19.00	ng/ul	0.00
13) 4-Methylphenol-d8	8.88	113	83232	17.16	ng/ul	0.00
19) Nitrobenzene-d5	9.35	128	44148	15.48	ng/ul	0.00
22) 2-Nitrophenol-d4	10.08	143	45664	25.36	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.61	165	91334	17.94	ng/ul	0.00
29) 4-Chloroaniline-d4	11.13	131	100359m	18.29	ng/ul	0.00
44) Dimethylphthalate-d6	14.20	166	321525	16.63	ng/ul	0.00
47) Acenaphthylene-d8	14.50	160	433191	15.78	ng/ul	0.00
52) 4-Nitrophenol-d4	14.99	143	43775m	13.21	ng/ul	0.00
58) Fluorene-d10	15.79	176	297448	14.61	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.90	200	33962	21.31	ng/ul	0.00
71) Anthracene-d10	17.64	188	414868	14.81	ng/ul	0.00
77) Pyrene-d10	19.92	212	428579	16.37	ng/ul	0.00
88) Benzo(a)pyrene-d12	24.95	264	389439	14.87	ng/ul	0.00

Target Compounds

						Ovalue
45) Dimethylphthalate	14.25	163	41233	2.09	ng/ul	97
70) Phenanthrene	17.58	178	87300	2.78	ng/ul	98
75) Fluoranthene	19.59	202	191391	5.36	ng/ul	95
78) Pyrene	19.95	202	175358m	5.42	ng/ul	
79) Butylbenzylphthalate	20.82	149	113456	15.86	ng/ul#	79
81) Benzo(a)anthracene	21.81	228	105649	3.39	ng/ul	96
82) Bis(2-ethylhexyl)phthalate	21.72	149	75518	6.47	ng/ul#	60
83) Chrysene	21.88	228	114932m	3.73	ng/ul	
85) Di-n-octyl phthalate	22.97	149	184534	8.12	ng/ul	100
86) Benzo(b)fluoranthene	24.11	252	166895	5.29	ng/ul#	92
87) Benzo(k)fluoranthene	24.16	252	63562m	1.88	ng/ul	
89) Benzo(a)pyrene	25.02	252	104883	3.34	ng/ul#	94
90) Indeno(1,2,3-cd)pyrene	29.00	276	91682m	2.46	ng/ul	
92) Benzo(g,h,i)perylene	30.19	276	77356	2.52	ng/ul#	86

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

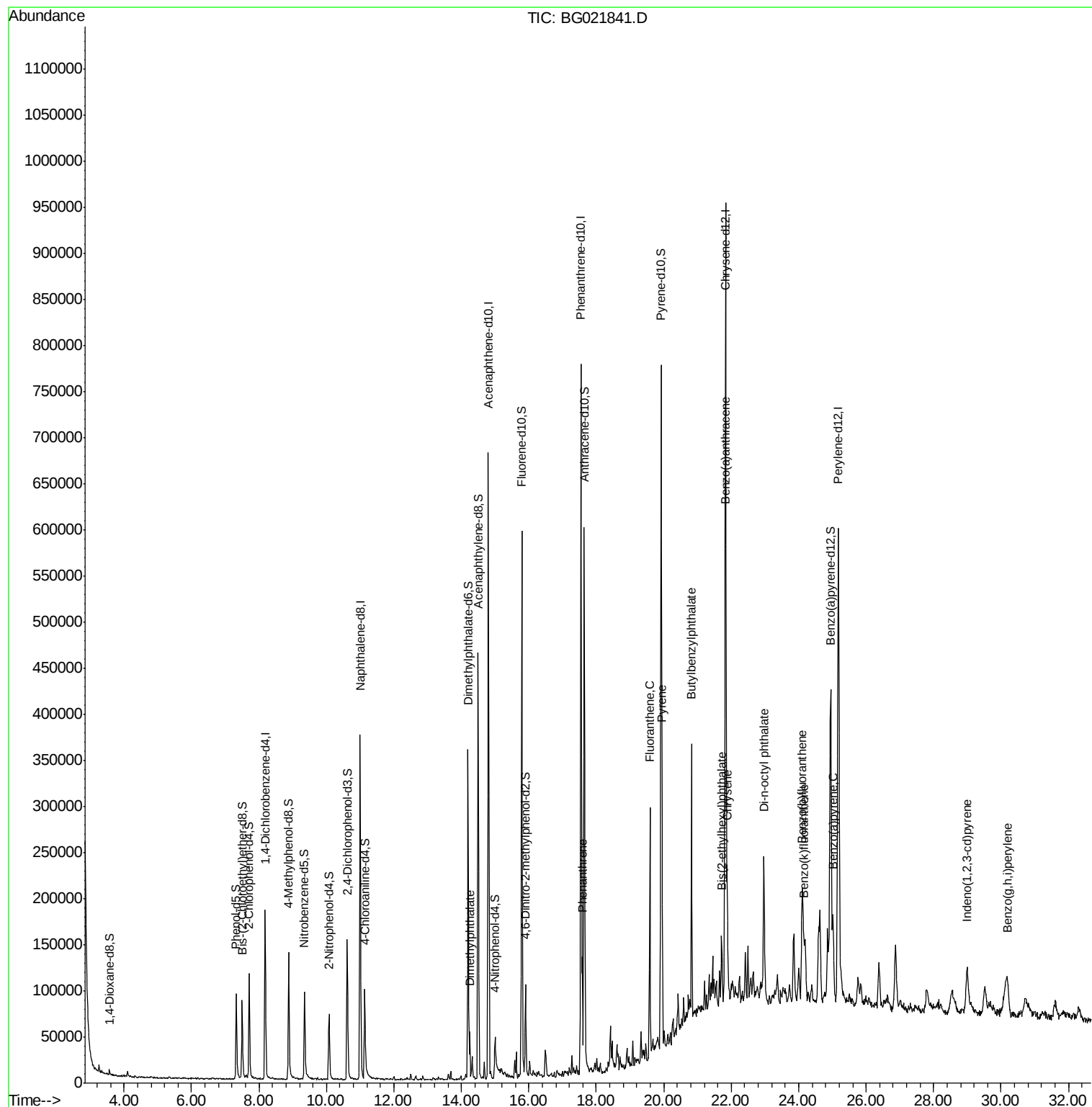
Data Path : Z:\HPCHEM1\BNA G\DATA\BG051116\
Data File : BG021841.D
Acq On : 11 May 2016 13:00
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Sample : H2937-09
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ALS Vial : 6 Sample Multiplier: 1

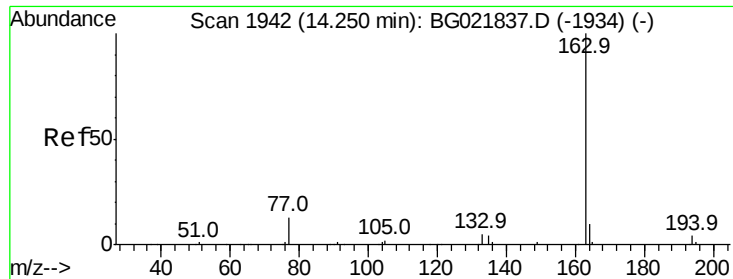
Instrument :
BNA_G
ClientSampleId :
D9X87

Manual Integrations
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Quant Time: May 12 05:52:54 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG050916.M
Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration





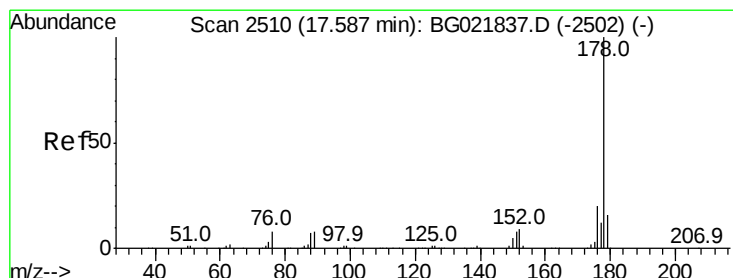
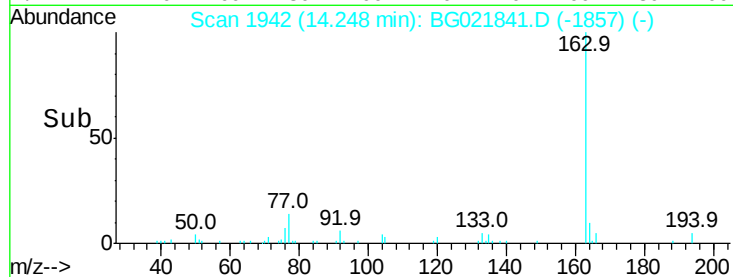
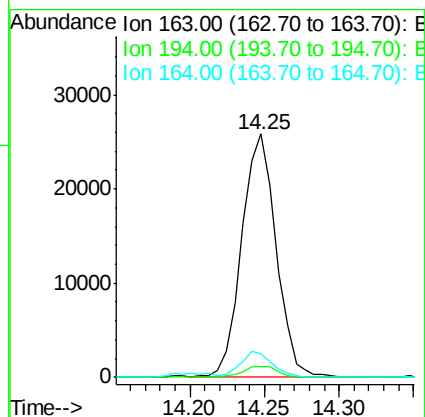
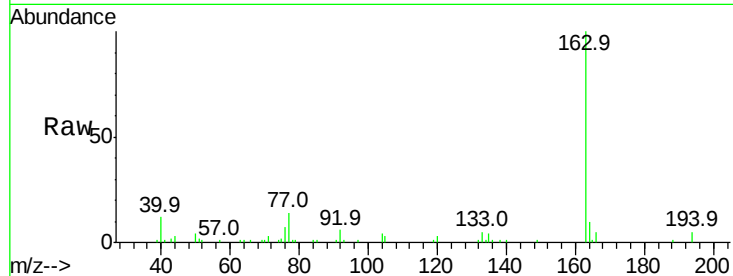
#45
Dimethylphthalate
Concen: 2.09 ng/ul
RT: 14.25 min Scan# 1942
Delta R.T. -0.00 min
Lab File: BG021841.D
Acq: 11 May 2016 13:00

Instrument :
BNA_G
ClientSampleId :
D9X87

Tot Ion	Ratio	Resp	Lower	Upper
163	100	41233		
194	4.5		3.9	5.9
164	9.6		8.7	13.1

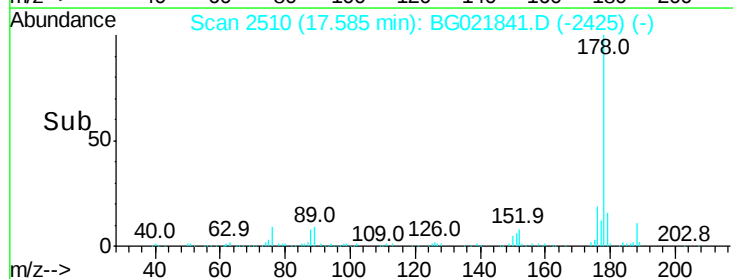
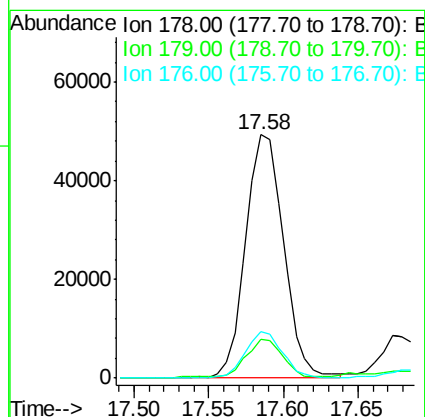
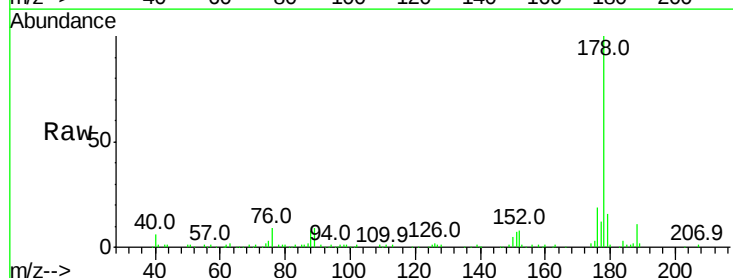
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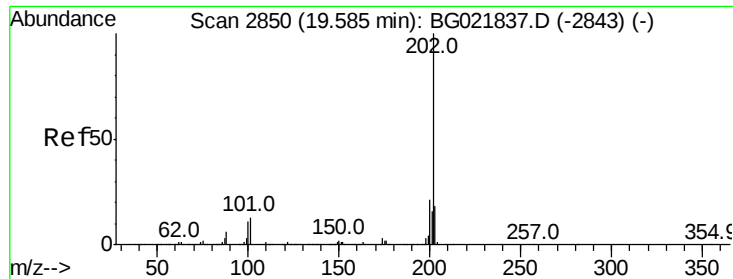
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#70
Phenanthrene
Concen: 2.78 ng/ul
RT: 17.58 min Scan# 2510
Delta R.T. -0.00 min
Lab File: BG021841.D
Acq: 11 May 2016 13:00

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	87300		
179	16.0		11.8	17.8
176	18.9		14.8	22.2





#75

Fluoranthene

Concen: 5.36 ng/ul

RT: 19.59 min Scan# 2851

Delta R.T. 0.00 min

Lab File: BG021841.D

Acq: 11 May 2016 13:00

Instrument :

BNA_G

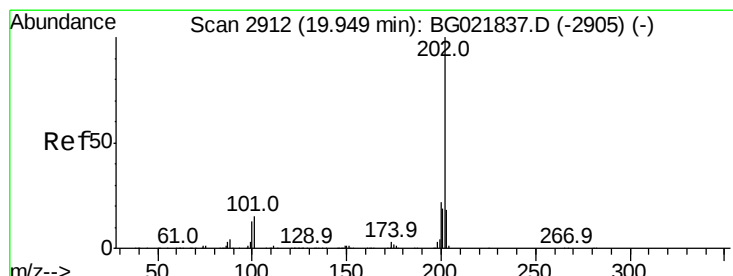
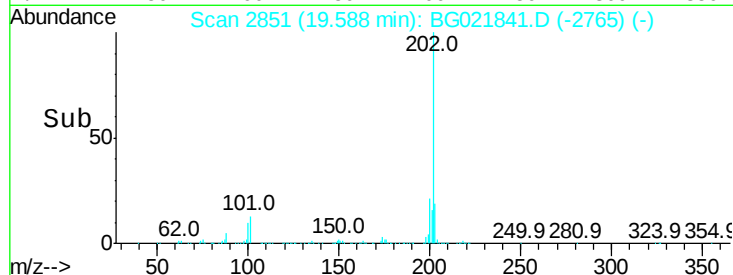
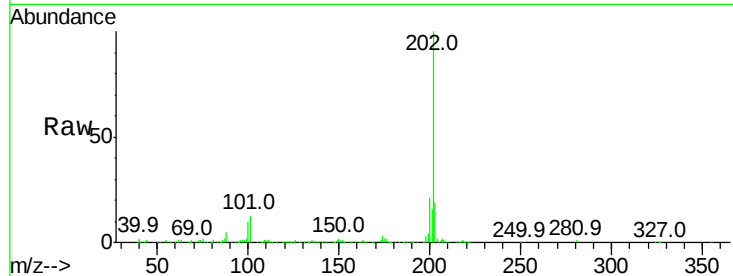
ClientSampleId :

D9X87

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	12.7	8.9	13.3
100	10.4	7.0	10.4

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#78

Pyrene

Concen: 5.42 ng/ul m

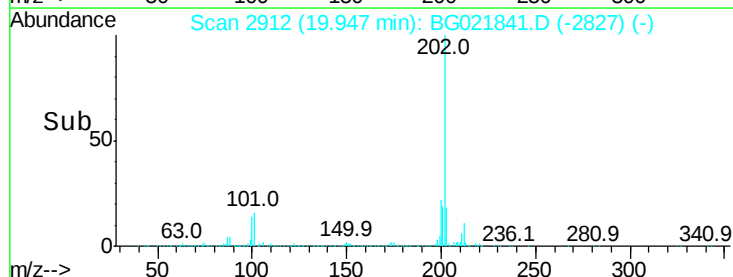
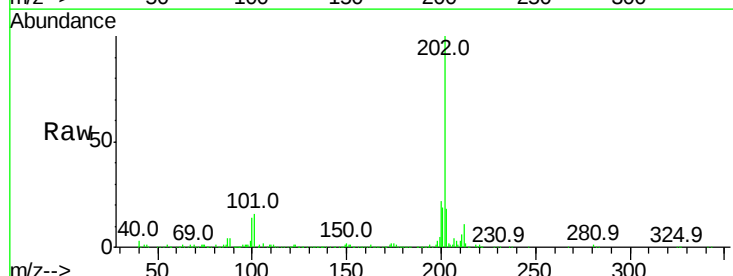
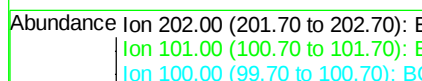
RT: 19.95 min Scan# 2912

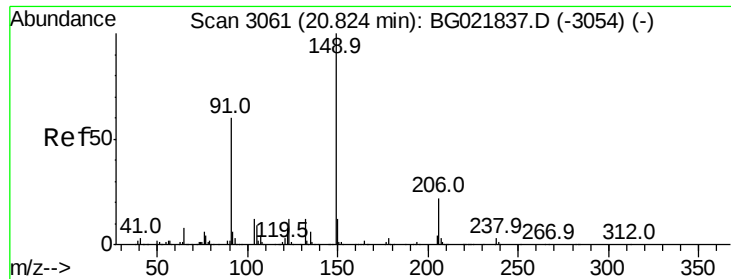
Delta R.T. -0.00 min

Lab File: BG021841.D

Acq: 11 May 2016 13:00

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	16.0	9.8	14.8#
100	14.1	9.3	13.9#





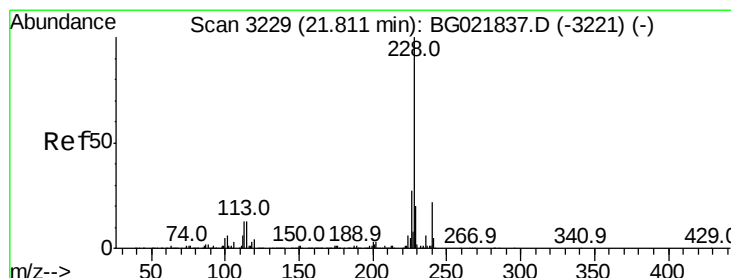
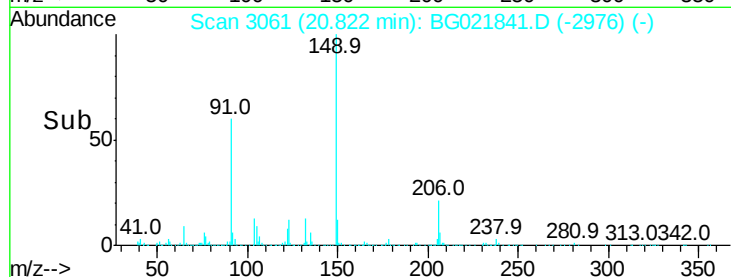
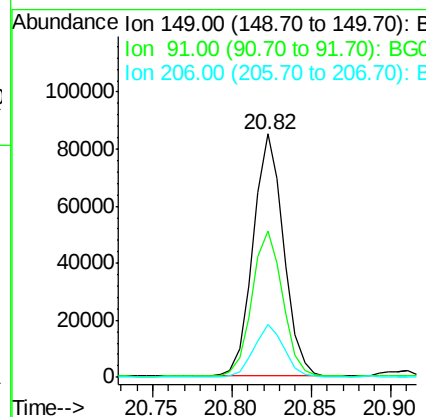
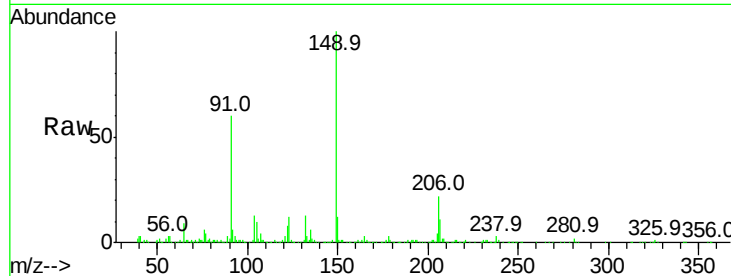
#79
Butylbenzylphthalate
Concen: 15.86 ng/ul
RT: 20.82 min Scan# 3061
Delta R.T. -0.00 min
Lab File: BG021841.D
Acq: 11 May 2016 13:00

Instrument :
BNA_G
ClientSampled :
D9X87

Tot Ion	Ratio	Resp	Lower	Upper
149	100	113456		
91	60.3	65.8	98.8#	
206	21.6	15.5	23.3	

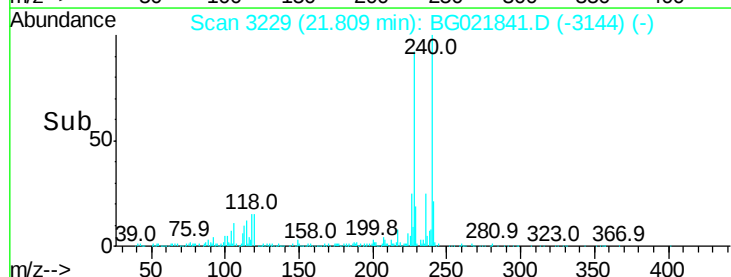
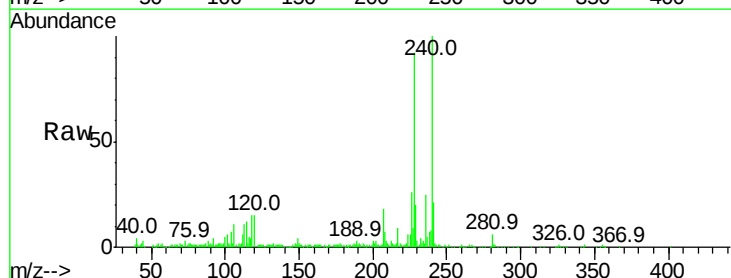
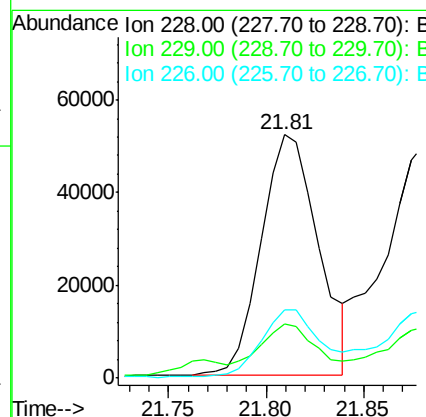
Manual Integrations
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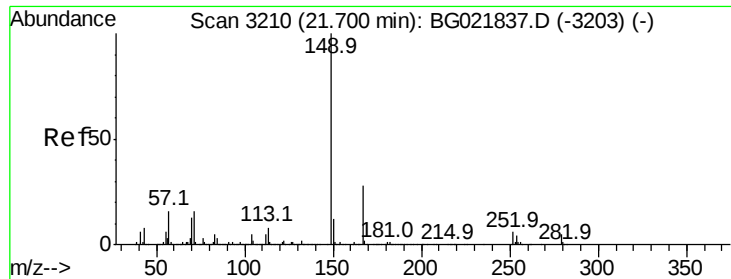
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#81
Benzo(a)anthracene
Concen: 3.39 ng/ul
RT: 21.81 min Scan# 3229
Delta R.T. -0.00 min
Lab File: BG021841.D
Acq: 11 May 2016 13:00

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	105649		
229	22.2	16.6	25.0	
226	28.3	21.0	31.4	





#82

Bis(2-ethylhexyl)phthalate

Concen: 6.47 ng/ul

RT: 21.72 min Scan# 3214

Delta R.T. 0.02 min

Lab File: BG021841.D

Acq: 11 May 2016 13:00

Instrument :

BNA_G

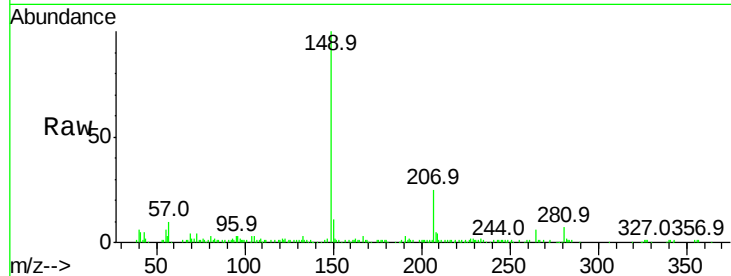
ClientSampleId :

D9X87

Tot Ion	Ratio	Resp Lower	Upper
149	100		
167	2.8	20.5	30.7#
279	0.5	3.7	5.5#

Manual Integrations
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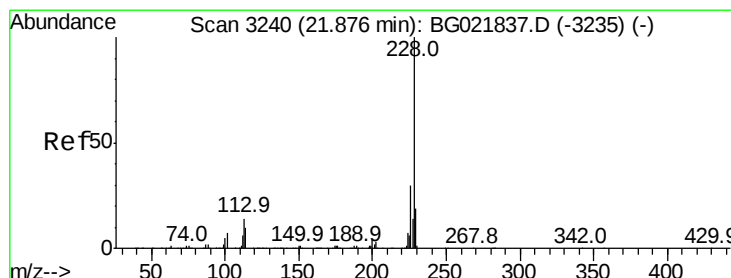
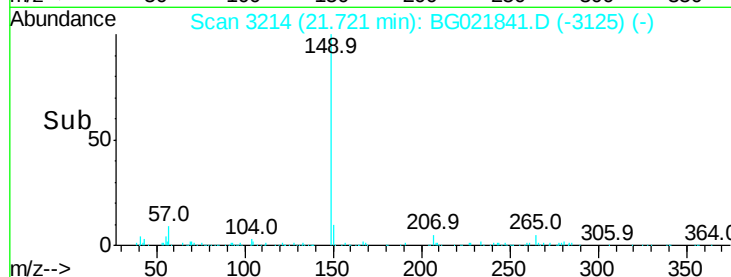
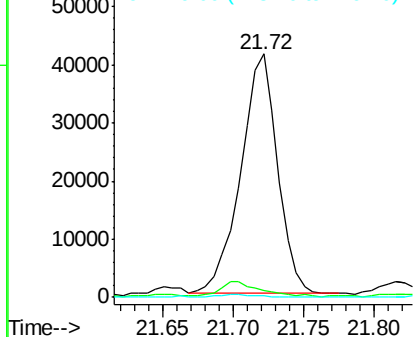
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#83

Chrysene

Concen: 3.73 ng/ul m

RT: 21.88 min Scan# 3241

Delta R.T. 0.00 min

Lab File: BG021841.D

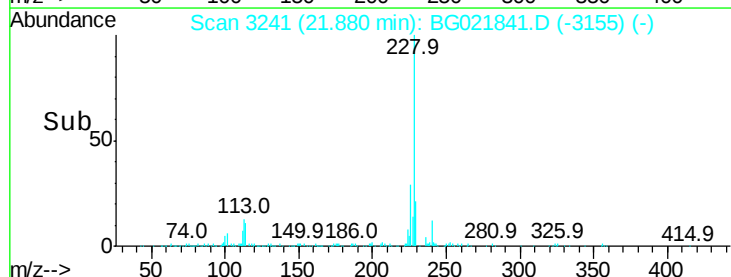
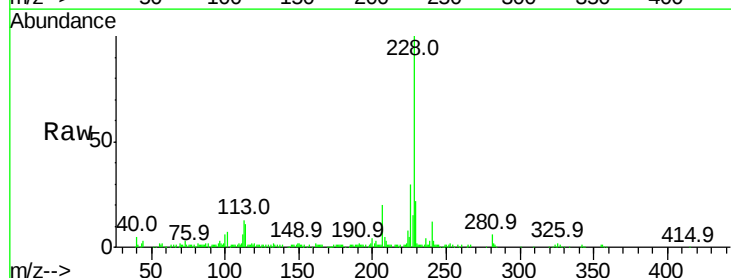
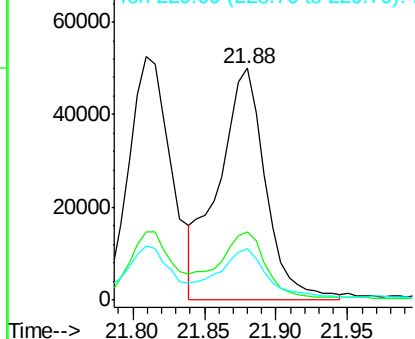
Acq: 11 May 2016 13:00

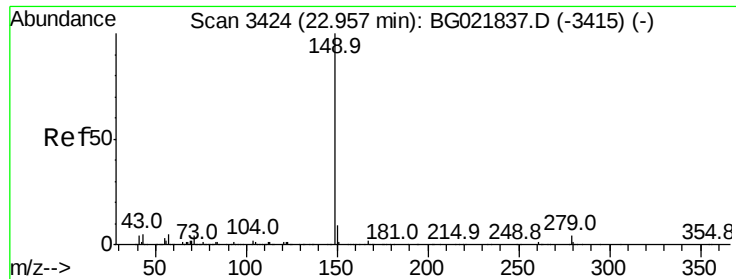
Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	29.6	23.4	35.2
229	22.4	16.2	24.2

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

Di-n-octyl phthalate

Concen: 8.12 ng/ul

RT: 22.97 min Scan# 3426

Delta R.T. 0.01 min

Lab File: BG021841.D

Acq: 11 May 2016 13:00

Instrument :

BNA_G

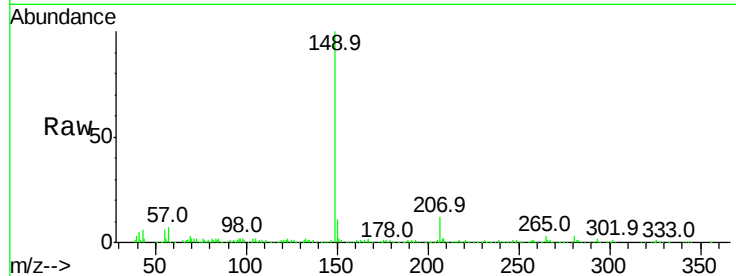
ClientSampleId :

D9X87

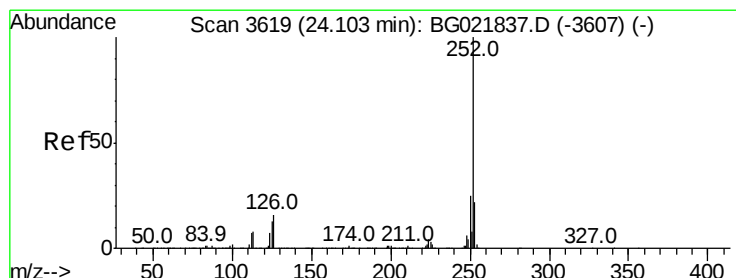
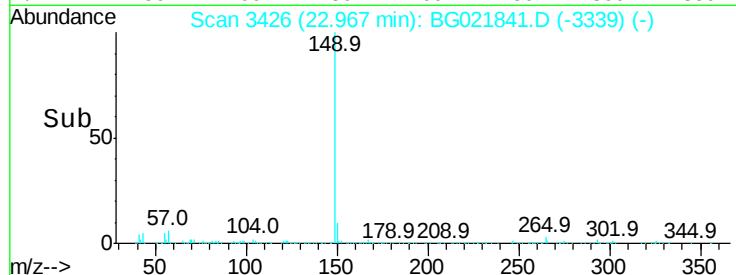
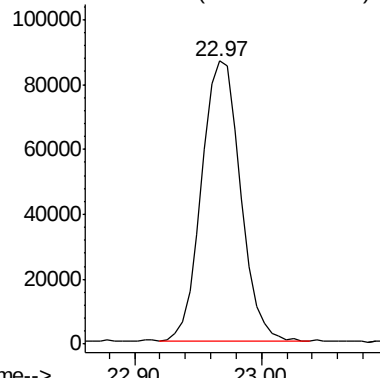
Tgt Ion:149 Resp: 184534

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Abundance Ion 149.00 (148.70 to 149.70): E



#86

Benzo(b)fluoranthene

Concen: 5.29 ng/ul

RT: 24.11 min Scan# 3620

Delta R.T. 0.00 min

Lab File: BG021841.D

Acq: 11 May 2016 13:00

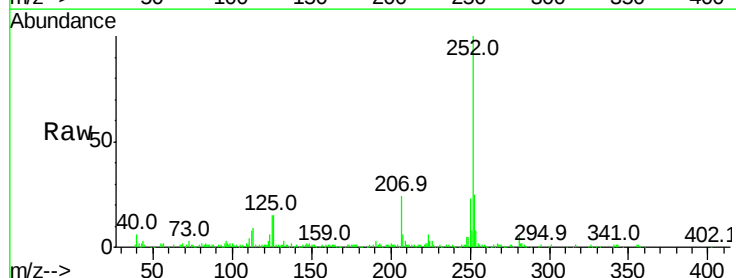
Tgt Ion:252 Resp: 166895

Ion Ratio Lower Upper

252 100

253 24.6 18.1 27.1

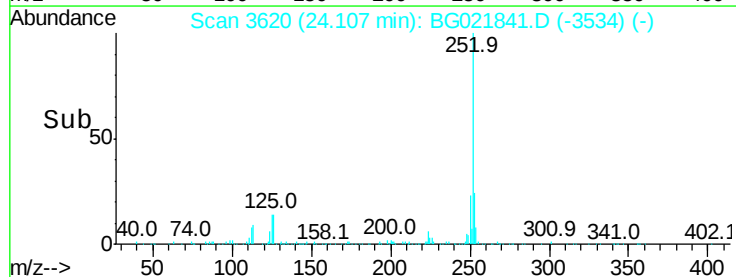
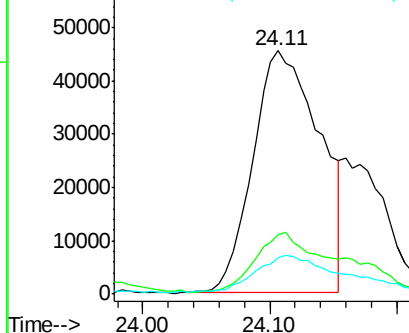
125 15.1 7.6 11.4#

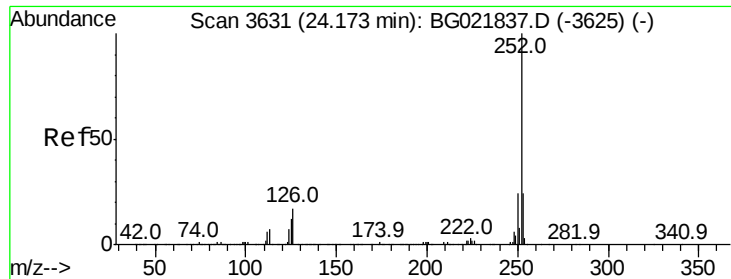


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#87

Benzo(k)fluoranthene

Concen: 1.88 ng/ul m

RT: 24.16 min Scan# 3629

Delta R.T. -0.01 min

Lab File: BG021841.D

Acq: 11 May 2016 13:00

Instrument :

BNA_G

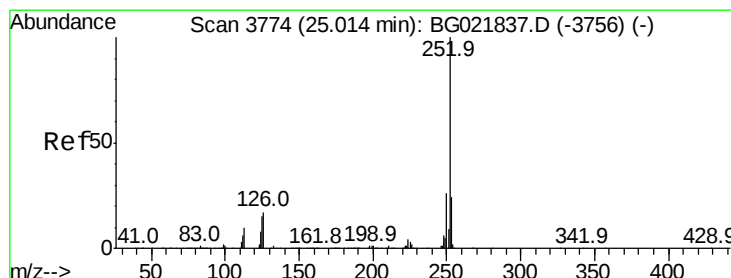
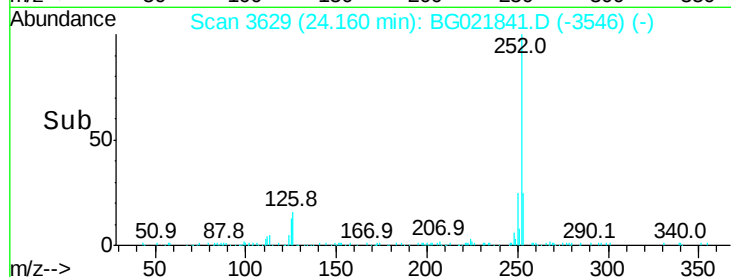
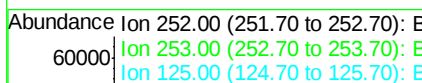
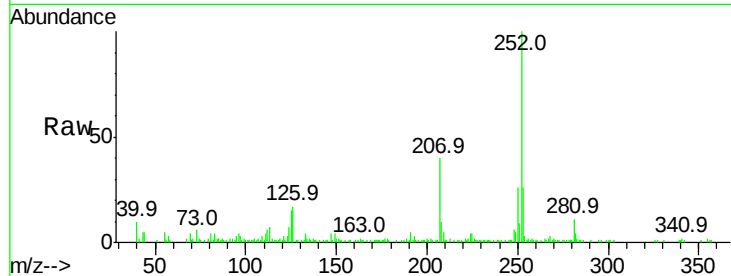
ClientSampleId :

D9X87

Tot Ion:	252	Resp:	63562
Ion Ratio	Lower	Upper	
252	100		
253	26.3	17.8	26.8
125	14.8	7.7	11.5#

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#89

Benzo(a)pyrene

Concen: 3.34 ng/ul

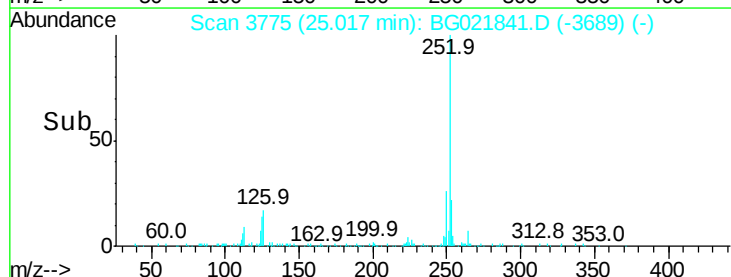
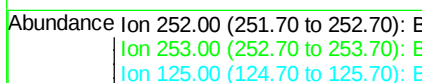
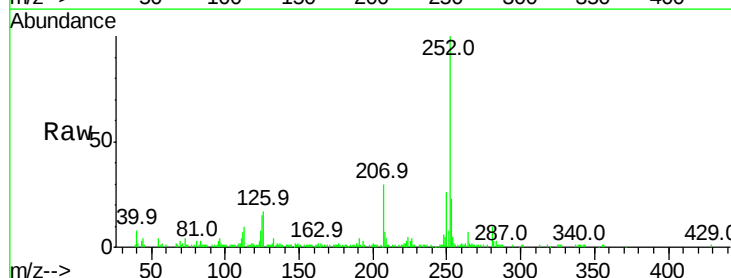
RT: 25.02 min Scan# 3775

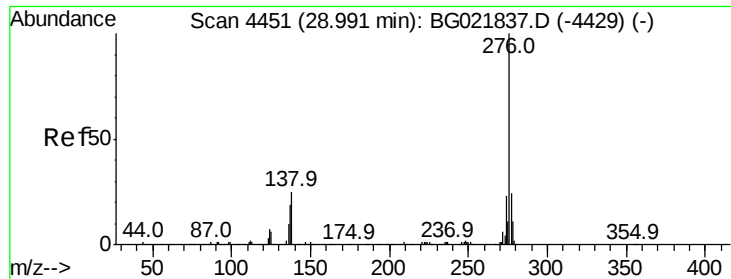
Delta R.T. 0.00 min

Lab File: BG021841.D

Acq: 11 May 2016 13:00

Tgt Ion:	252	Resp:	104883
Ion Ratio	Lower	Upper	
252	100		
253	23.1	17.4	26.0
125	15.2	8.2	12.2#





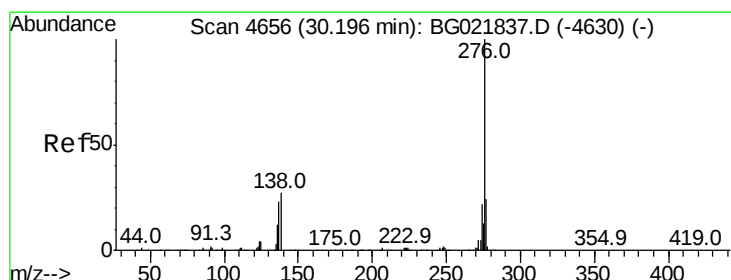
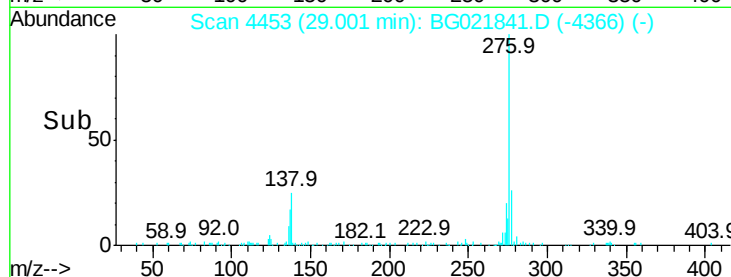
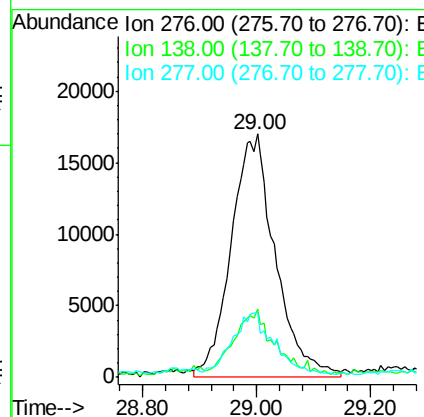
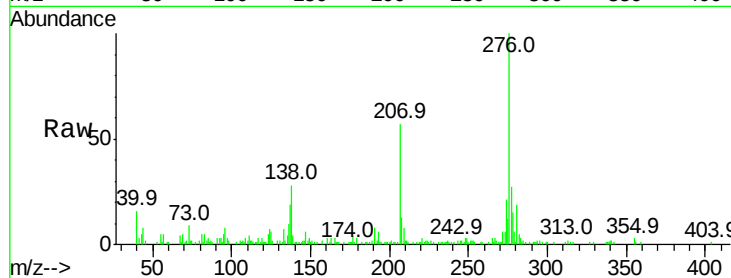
#90
 Indeno(1,2,3-cd)pyrene
 Concen: 2.46 ng/ul m
 RT: 29.00 min Scan# 4453
 Delta R.T. 0.01 min
 Lab File: BG021841.D
 Acq: 11 May 2016 13:00

Instrument :
 BNA_G
 ClientSampleId :
 D9X87

Tot Ion	Ratio	Lower	Upper
276	100		
138	28.3	15.8	23.6#
277	26.6	19.0	28.6

Manual Integrations
 APPROVED

sohil
 5/12/2016 7:28:35 PM



#92
 Benzo(g,h,i)perylene
 Concen: 2.52 ng/ul
 RT: 30.19 min Scan# 4655
 Delta R.T. -0.01 min
 Lab File: BG021841.D
 Acq: 11 May 2016 13:00

Tgt Ion	Ratio	Lower	Upper
276	100		
138	30.7	13.9	20.9#
277	25.8	19.8	29.6

