

Data Path : Z:\HPCHEM1\BNA G\DATA\BG051116\
 Data File : BG021855.D
 Acq On : 11 May 2016 22:21
 Operator : UM/SJ
 Sample : H2937-22
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9XA0

Manual Integrations
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 5/12/2016 7:27:45 PM

Quant Time: May 12 08:46:53 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG050916.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu May 12 07:33:29 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.18	152	81563	20.00	ng/ul	0.00
18) Naphthalene-d8	11.00	136	403518	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.81	164	231839	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.55	188	468268	20.00	ng/ul	0.00
76) Chrysene-d12	21.83	240	451294	20.00	ng/ul	0.00
84) Perylene-d12	25.19	264	452617	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.57	96	4909	2.91	ng/uL	0.00
5) Phenol-d5	7.33	99	103426	17.09	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.50	67	51026	17.00	ng/ul	0.00
9) 2-Chlorophenol-d4	7.71	132	96045	20.45	ng/ul	0.00
13) 4-Methylphenol-d8	8.88	113	85322	16.78	ng/ul	0.00
19) Nitrobenzene-d5	9.35	128	48439	18.26	ng/ul	0.00
22) 2-Nitrophenol-d4	10.08	143	53502	31.93	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.62	165	94781	20.00	ng/ul	0.00
29) 4-Chloroaniline-d4	11.13	131	96077m	18.82	ng/ul	0.00
44) Dimethylphthalate-d6	14.20	166	298887m	18.35	ng/ul	0.00
47) Acenaphthylene-d8	14.50	160	411195	17.79	ng/ul	0.00
52) 4-Nitrophenol-d4	15.00	143	39680m	14.22	ng/ul	0.00
58) Fluorene-d10	15.79	176	274456	16.01	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.91	200	30777	23.73	ng/ul	0.00
71) Anthracene-d10	17.65	188	362722	15.91	ng/ul	0.00
77) Pyrene-d10	19.92	212	395239	18.71	ng/ul	0.00
88) Benzo(a)pyrene-d12	24.95	264	362103	16.84	ng/ul	0.01

Target Compounds

						Ovalue
45) Dimethylphthalate	14.25	163	57108	3.44	ng/ul#	97
70) Phenanthrene	17.59	178	40763	1.59	ng/ul	98
75) Fluoranthene	19.59	202	118081	4.06	ng/ul#	96
78) Pyrene	19.95	202	117864m	4.51	ng/ul	
81) Benzo(a)anthracene	21.82	228	122962	4.90	ng/ul	96
82) Bis(2-ethylhexyl)phthalate	21.70	149	26486	2.81	ng/ul#	92
83) Chrysene	21.88	228	148941	6.00	ng/ul	96
86) Benzo(b)fluoranthene	24.11	252	307911	11.88	ng/ul#	96
87) Benzo(k)fluoranthene	24.18	252	103882m	3.75	ng/ul	
89) Benzo(a)pyrene	25.02	252	190328	7.38	ng/ul#	95
90) Indeno(1,2,3-cd)pyrene	29.02	276	158567	5.19	ng/ul#	91
91) Dibenzo(a,h)anthracene	29.05	278	55338m	2.18	ng/ul	
92) Benzo(g,h,i)perylene	30.22	276	148393m	5.88	ng/ul	

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

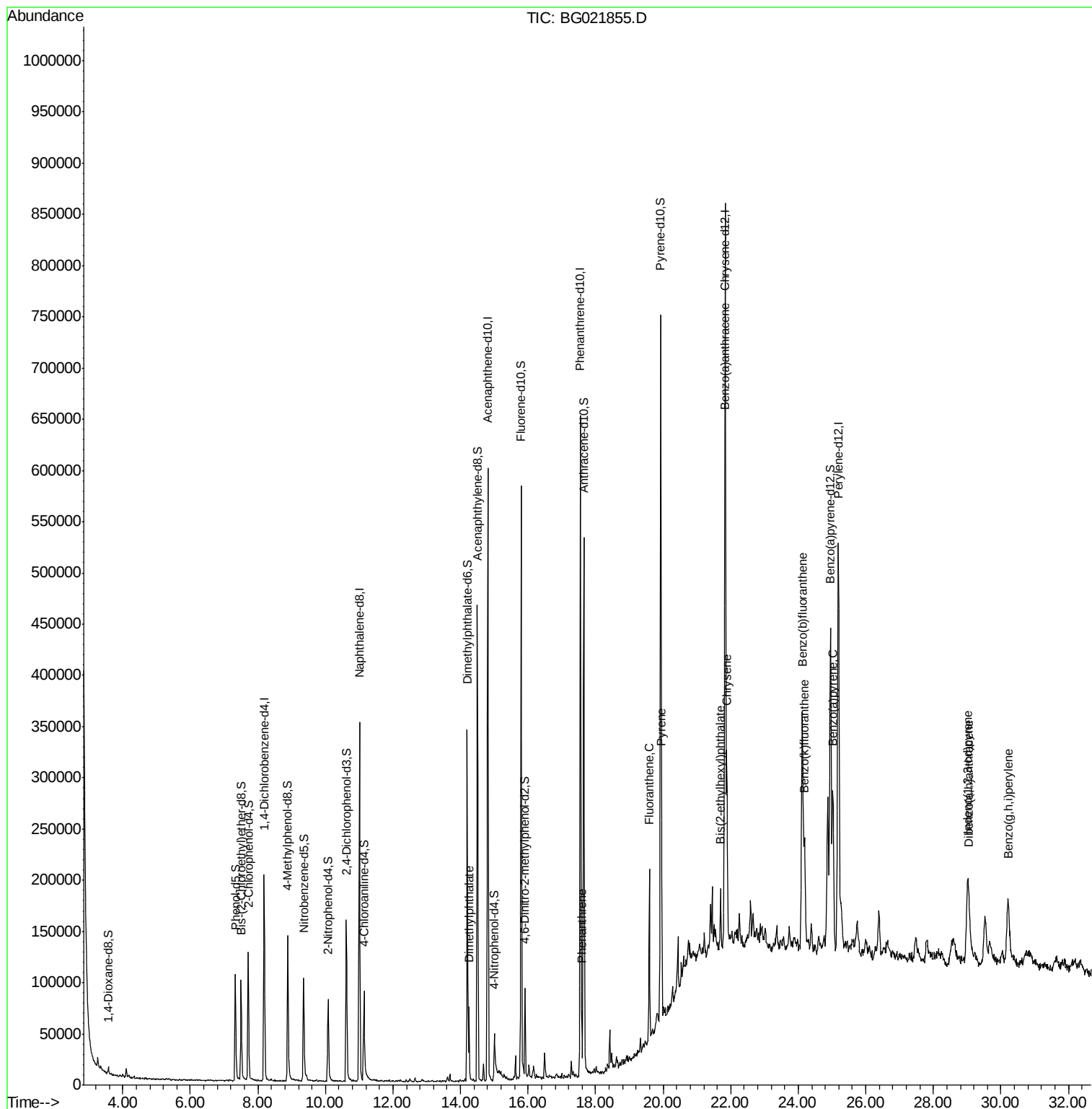
Data Path : Z:\HPCHEM1\BNA G\DATA\BG051116\
Data File : BG021855.D
Acq On : 11 May 2016 22:21
Operator : UM/SJ
Sample : H2937-22
Misc :
ALS Vial : 19 Sample Multiplier: 1

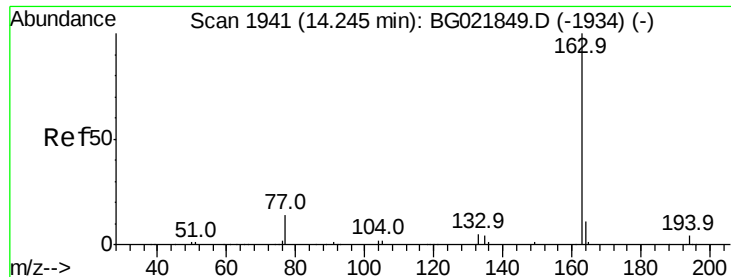
Instrument :
BNA_G
ClientSampled :
D9XA0

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Quant Time: May 12 08:46:53 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG050916.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu May 12 07:33:29 2016
Response via : Initial Calibration





#45

Dimethylphthalate

Concen: 3.44 ng/ul

RT: 14.25 min Scan# 1942

Delta R.T. 0.00 min

Lab File: BG021855.D

Acq: 11 May 2016 22:21

Instrument :

BNA_G

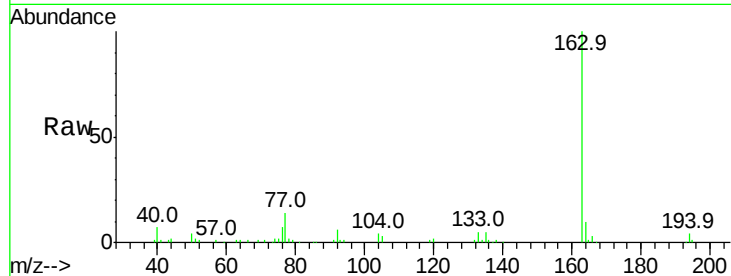
ClientSampleId :

D9XA0

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.5	3.9	5.9#
164	10.1	8.7	13.1

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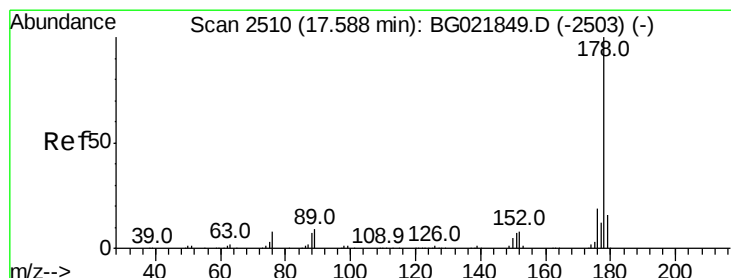
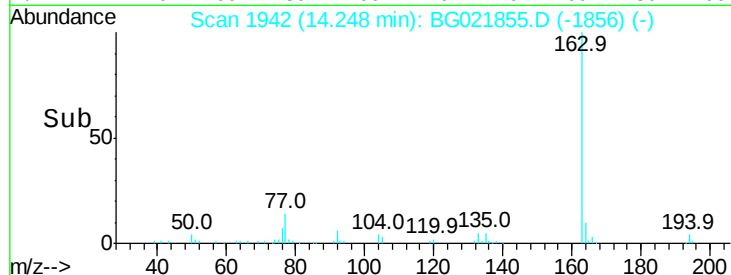
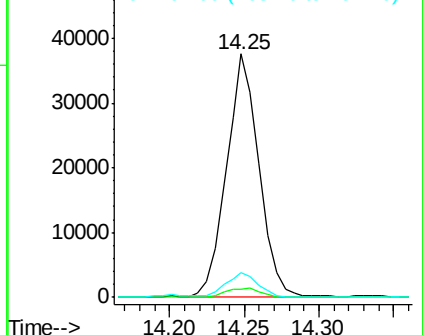


Abundance

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



#70

Phenanthrene

Concen: 1.59 ng/ul

RT: 17.59 min Scan# 2511

Delta R.T. 0.00 min

Lab File: BG021855.D

Acq: 11 May 2016 22:21

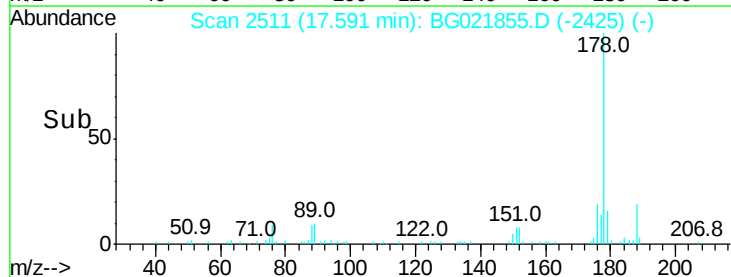
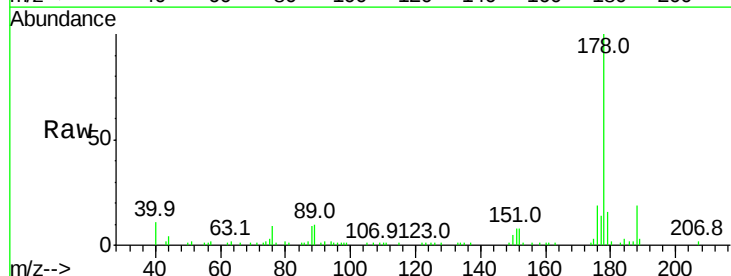
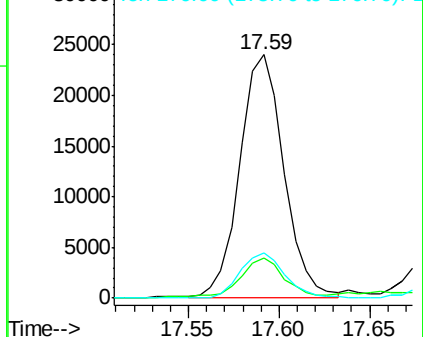
Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.5	11.8	17.8
176	18.7	14.8	22.2

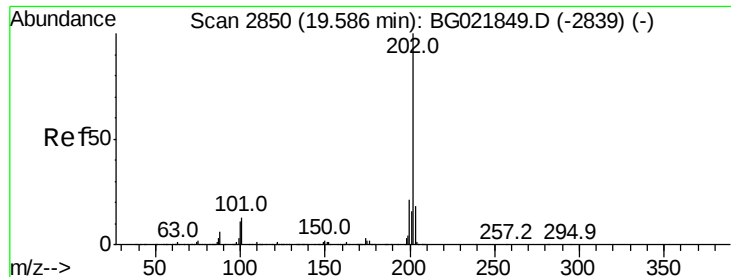
Abundance

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





#75

Fluoranthene

Concen: 4.06 ng/ul

RT: 19.59 min Scan# 2851

Delta R.T. 0.00 min

Lab File: BG021855.D

Acq: 11 May 2016 22:21

Instrument :

BNA_G

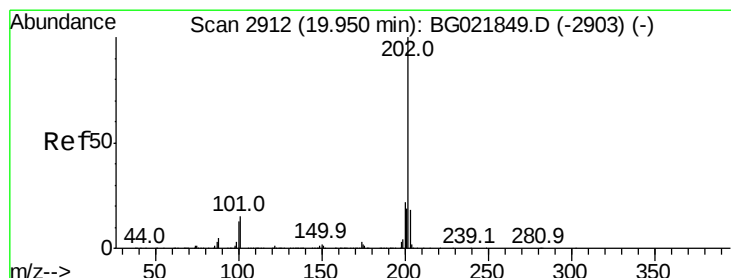
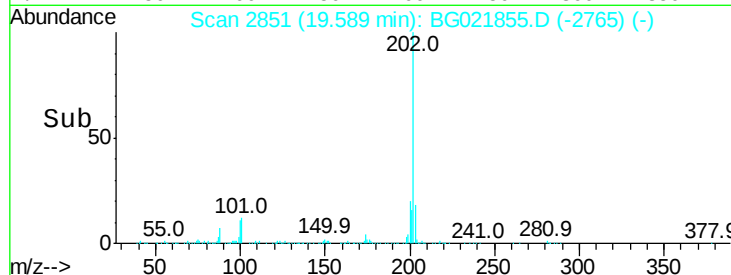
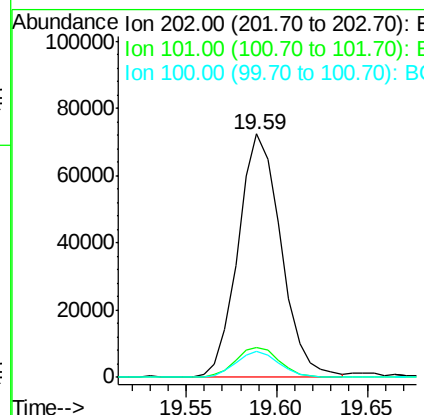
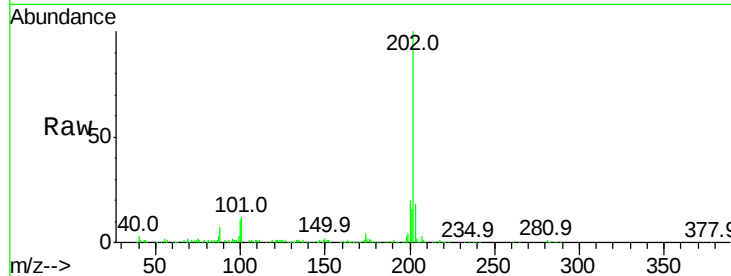
ClientSampleId :

D9XA0

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	12.0	8.9	13.3
100	10.8	7.0	10.4

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#78

Pyrene

Concen: 4.51 ng/ul m

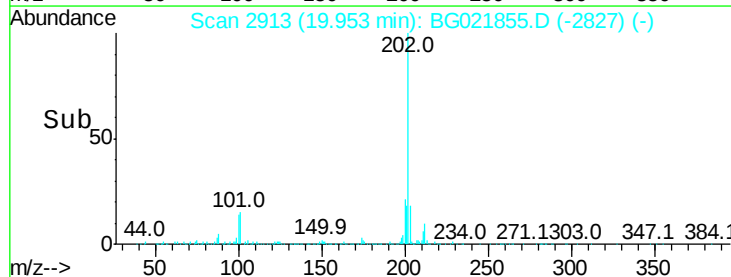
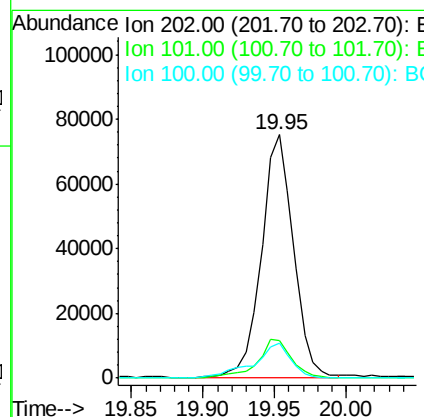
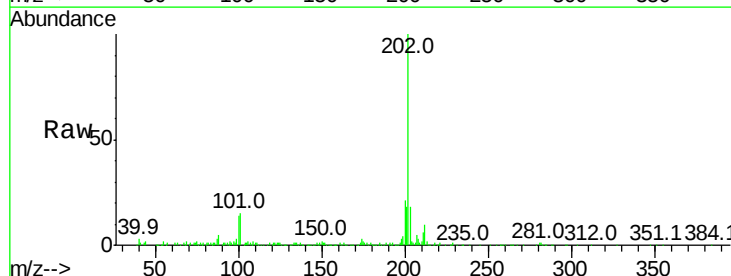
RT: 19.95 min Scan# 2913

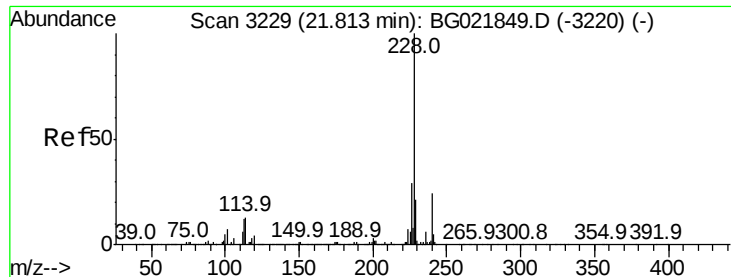
Delta R.T. 0.00 min

Lab File: BG021855.D

Acq: 11 May 2016 22:21

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	15.2	9.8	14.8
100	14.1	9.3	13.9





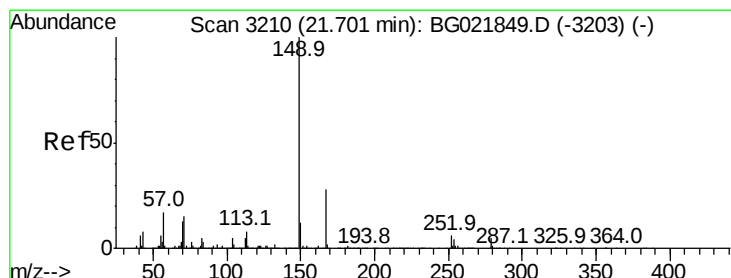
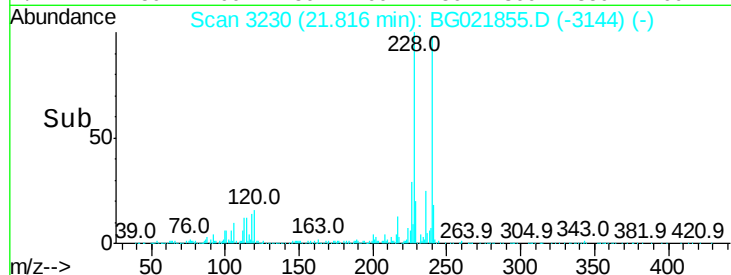
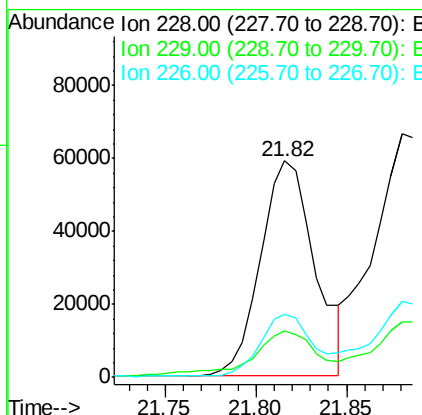
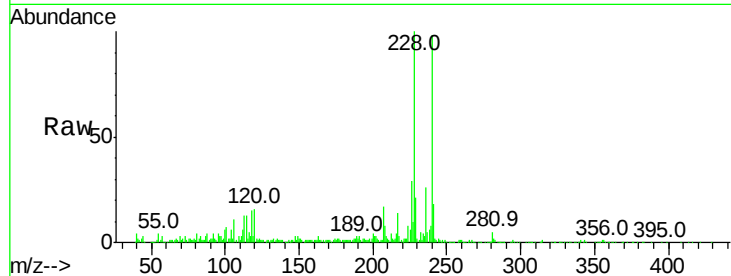
#81
Benzo(a)anthracene
Concen: 4.90 ng/ul
RT: 21.82 min Scan# 3230
Delta R.T. 0.00 min
Lab File: BG021855.D
Acq: 11 May 2016 22:21

Instrument :
BNA_G
ClientSampleId :
D9XA0

Tot Ion	Ratio	Resp Lower	Upper
228	100		
229	21.5	16.6	25.0
226	29.0	21.0	31.4

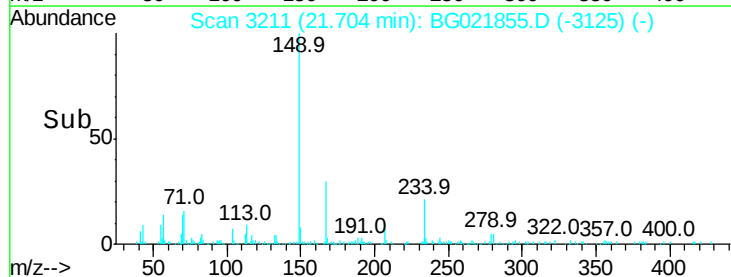
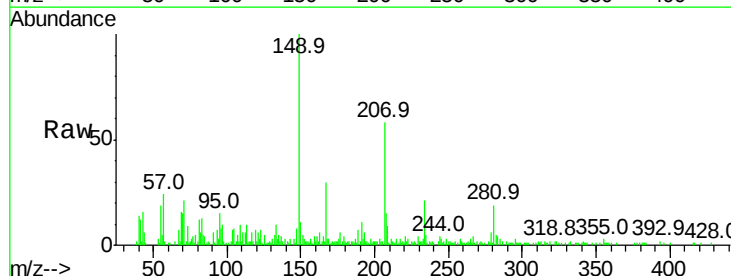
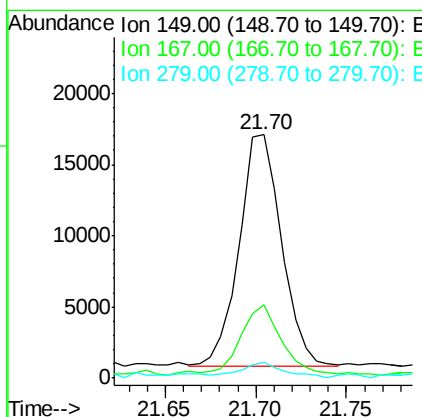
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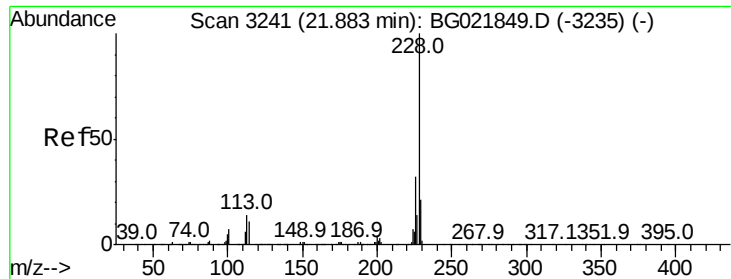
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#82
Bis(2-ethylhexyl)phthalate
Concen: 2.81 ng/ul
RT: 21.70 min Scan# 3211
Delta R.T. 0.00 min
Lab File: BG021855.D
Acq: 11 May 2016 22:21

Tgt Ion	Ratio	Resp Lower	Upper
149	100		
167	30.0	20.5	30.7
279	6.4	3.7	5.5#





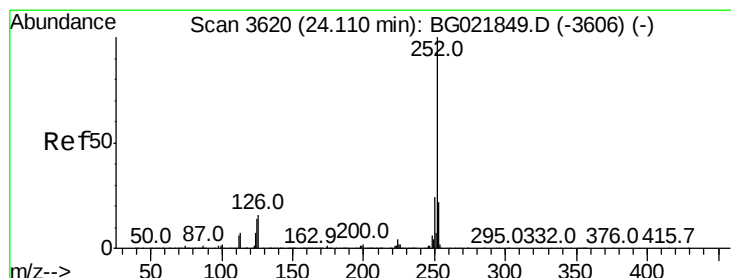
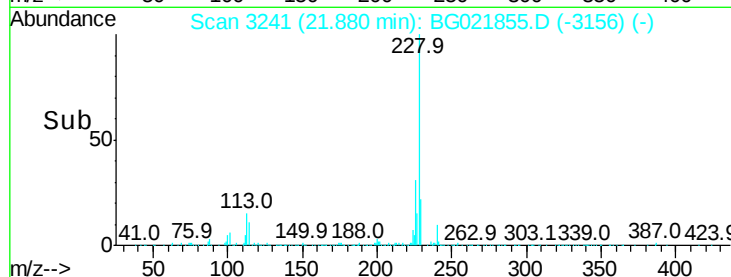
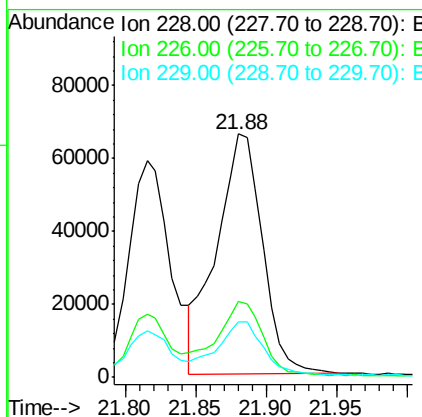
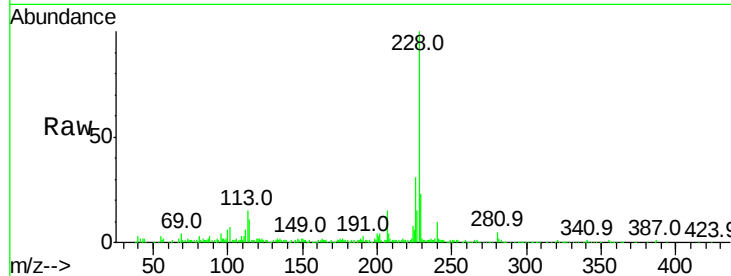
#83
 Chrysene
 Concen: 6.00 ng/ul
 RT: 21.88 min Scan# 3241
 Delta R.T. -0.00 min
 Lab File: BG021855.D
 Acq: 11 May 2016 22:21

Instrument :
 BNA_G
 ClientSampleId :
 D9XA0

Tot Ion:	228	Resp:	148941
Ion Ratio	Lower	Upper	
228	100		
226	31.2	23.4	35.2
229	22.7	16.2	24.2

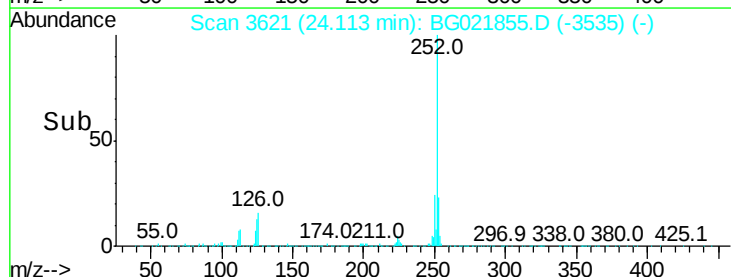
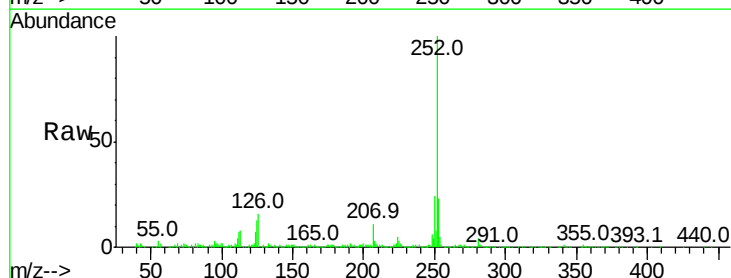
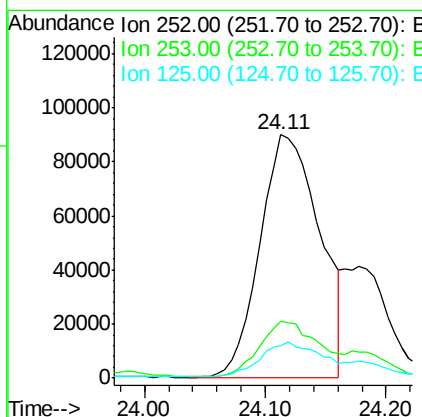
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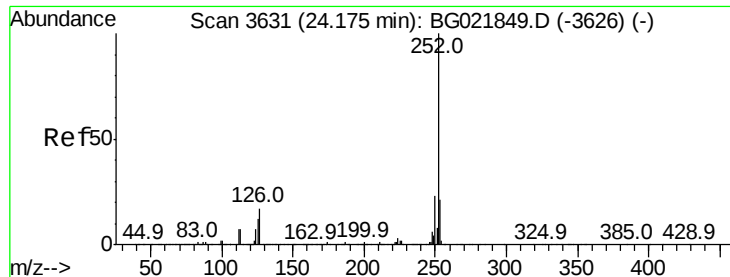
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#86
 Benzo(b)fluoranthene
 Concen: 11.88 ng/ul
 RT: 24.11 min Scan# 3621
 Delta R.T. 0.00 min
 Lab File: BG021855.D
 Acq: 11 May 2016 22:21

Tgt Ion:	252	Resp:	307911
Ion Ratio	Lower	Upper	
252	100		
253	23.3	18.1	27.1
125	13.4	7.6	11.4#





#87

Benzo(k)fluoranthene

Concen: 3.75 ng/ul m

RT: 24.18 min Scan# 3632

Delta R.T. 0.00 min

Lab File: BG021855.D

Acq: 11 May 2016 22:21

Instrument :

BNA_G

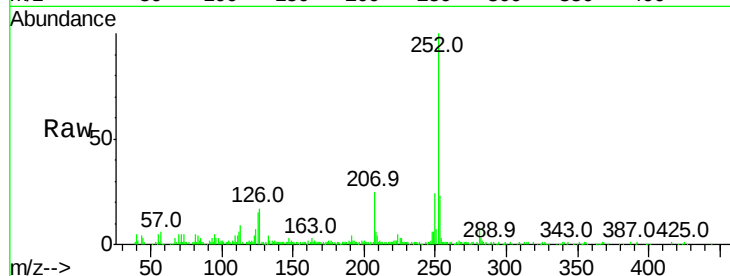
ClientSampleId :

D9XA0

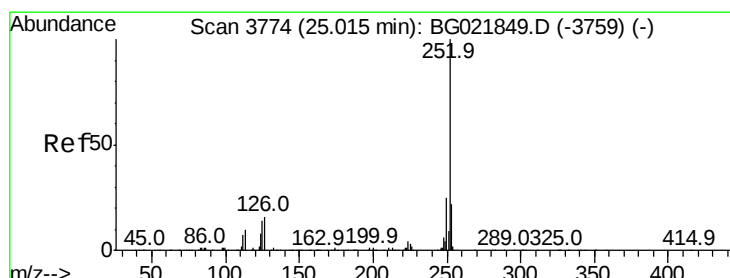
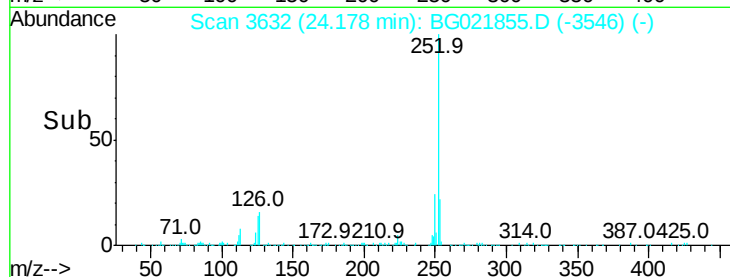
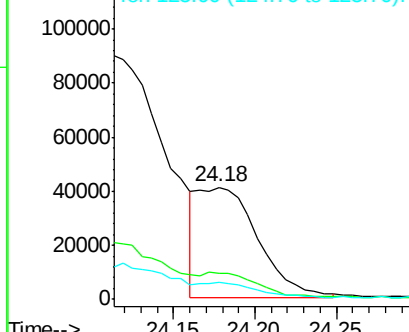
Tot Ion	Ratio	Resp	Lower	Upper
252	100	103882		
253	22.8	17.8	26.8	
125	14.9	7.7	11.5	

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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



#89

Benzo(a)pyrene

Concen: 7.38 ng/ul

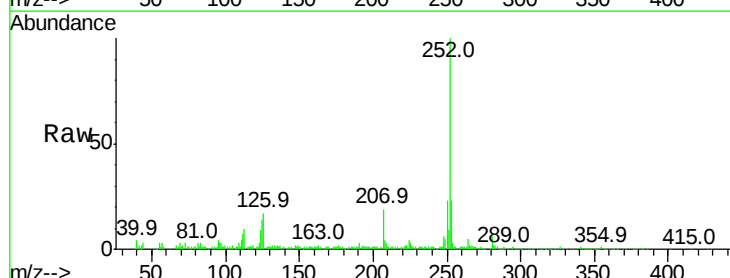
RT: 25.02 min Scan# 3776

Delta R.T. 0.01 min

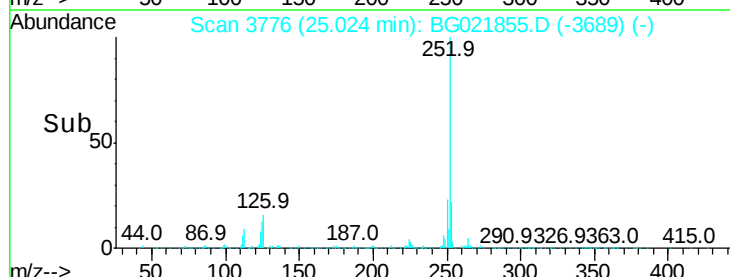
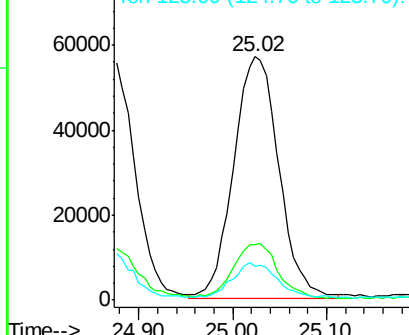
Lab File: BG021855.D

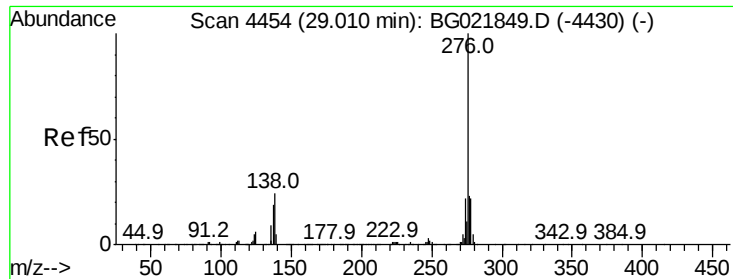
Acq: 11 May 2016 22:21

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	190328		
253	23.0	17.4	26.0	
125	14.1	8.2	12.2	



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





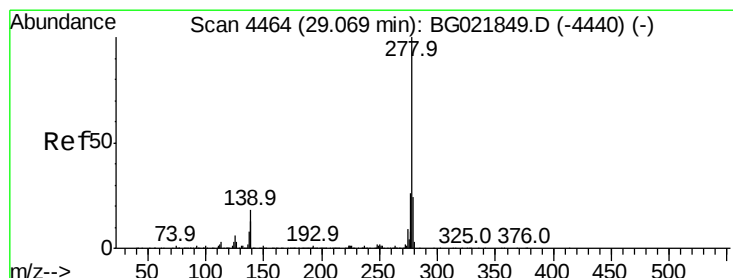
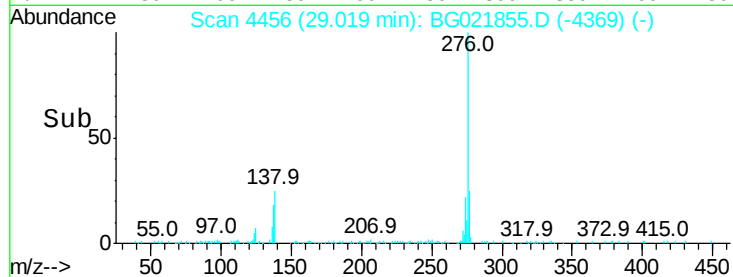
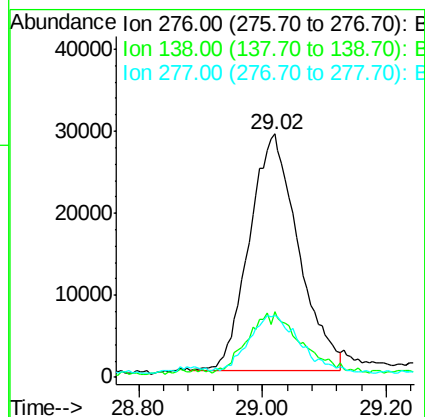
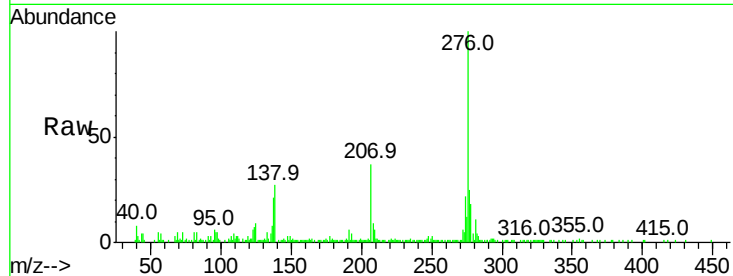
#90
 Indeno(1,2,3-cd)pyrene
 Concen: 5.19 ng/ul
 RT: 29.02 min Scan# 4456
 Delta R.T. 0.01 min
 Lab File: BG021855.D
 Acq: 11 May 2016 22:21

Instrument :
 BNA_G
 ClientSampleId :
 D9XA0

Tot Ion	Ratio	Resp	Lower	Upper
276	100	158567		
138	26.9	15.8	23.6#	
277	25.3	19.0	28.6	

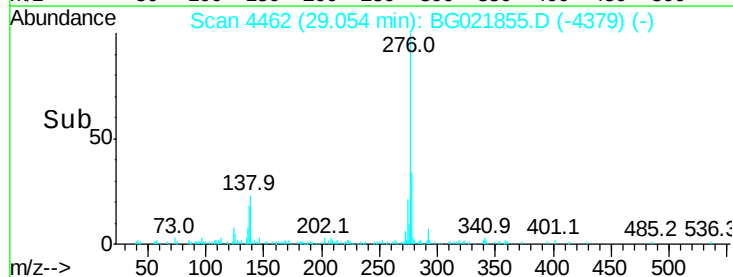
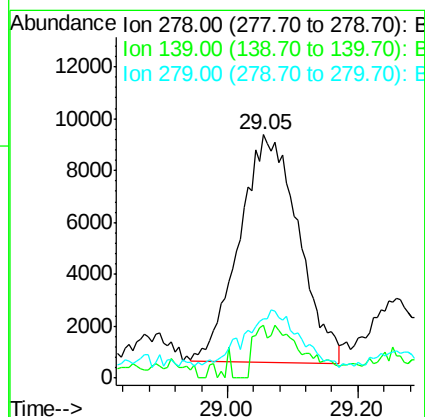
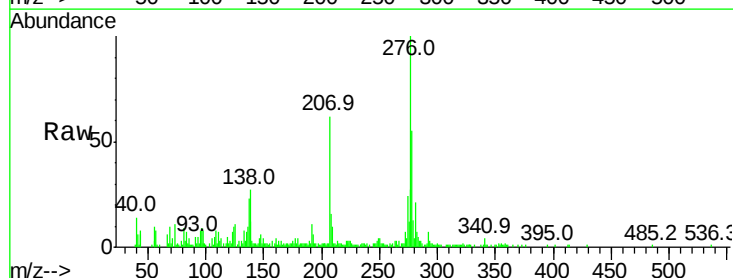
Manual Integrations
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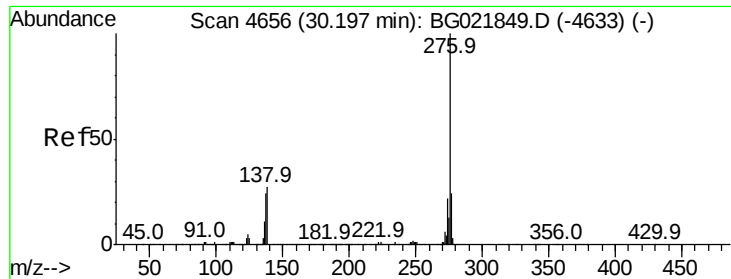
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#91
 Dibenzo(a,h)anthracene
 Concen: 2.18 ng/ul m
 RT: 29.05 min Scan# 4462
 Delta R.T. -0.01 min
 Lab File: BG021855.D
 Acq: 11 May 2016 22:21

Tgt Ion	Ratio	Resp	Lower	Upper
278	100	55338		
139	21.5	12.1	18.1#	
279	24.3	19.8	29.8	





#92

Benzo(a,h,i)perylene

Concen: 5.88 ng/ul m

RT: 30.22 min Scan# 4661

Delta R.T. 0.03 min

Lab File: BG021855.D

Acq: 11 May 2016 22:21

Instrument :

BNA_G

ClientSampleId :

D9XA0

Tot Ion:	276	Resp:	148393
Ion Ratio	Lower	Upper	
276	100		
138	26.2	13.9	20.9#
277	25.0	19.8	29.6

Manual Integrations
APPROVED

sohil
5/12/2016 7:27:45 PM

