

Quantitation Report (LSC Reviewed)

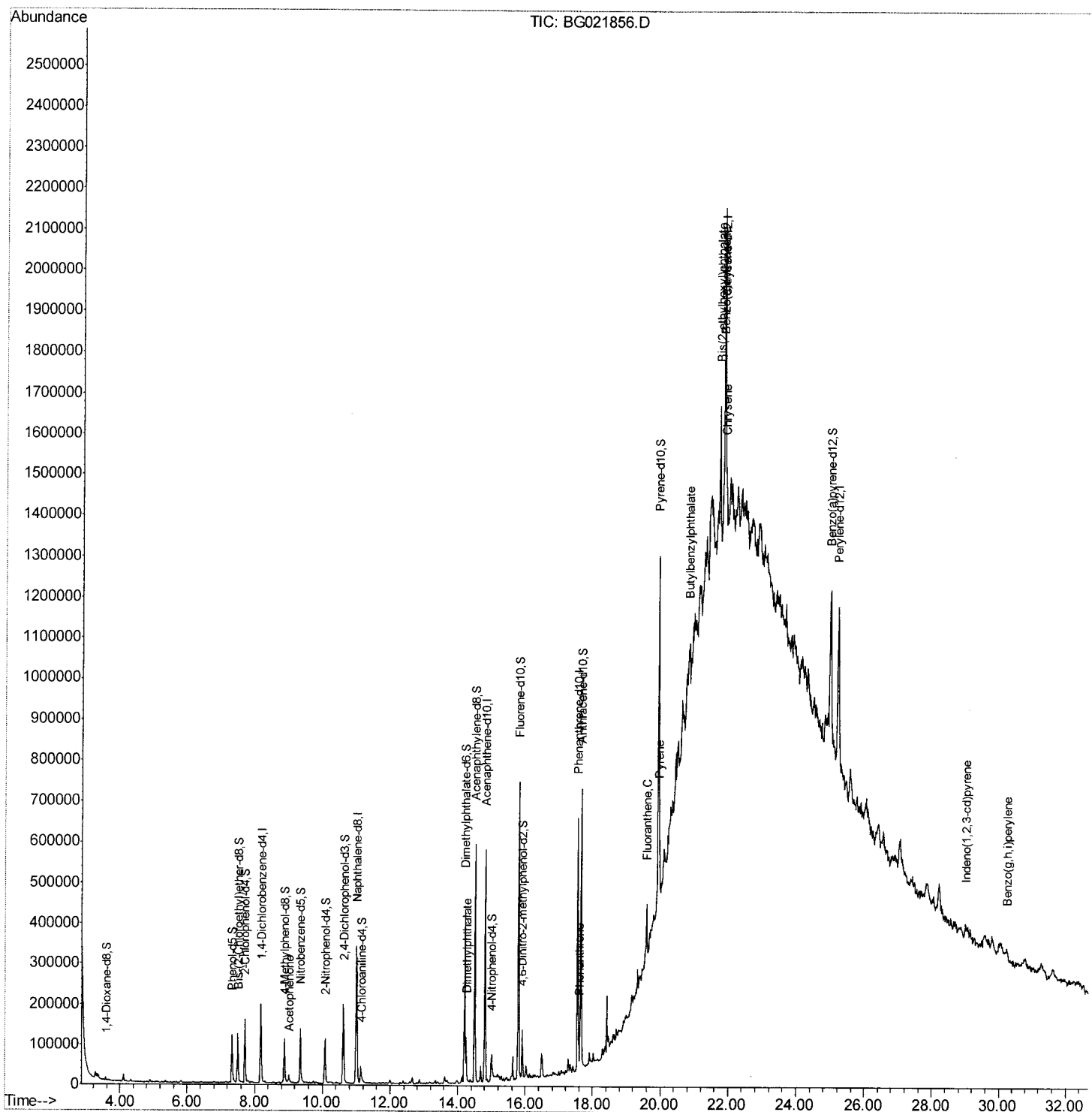
Data Path : Z:\HPCHEM1\BNA G\Data\BG051116\
 Data File : BG021856.D
 Acq On : 11 May 2016 23:01
 Operator : UM/SJ
 Sample : H2936-02
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9WF2

Manual Integrations
 APPROVED

sohil
 5/12/2016 7:27:37 PM

Quant Time: May 12 08:55:46 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



Quantitation Report (Qedit)

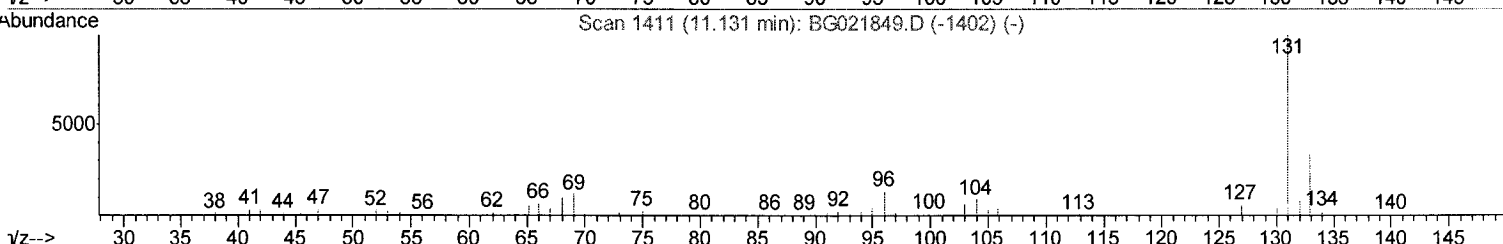
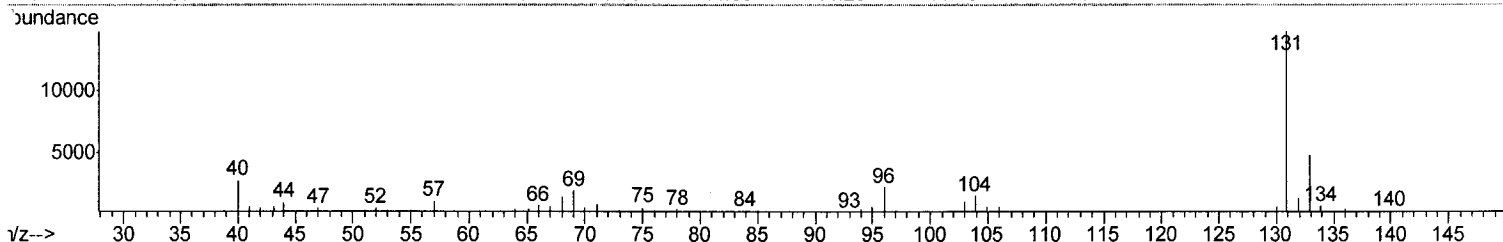
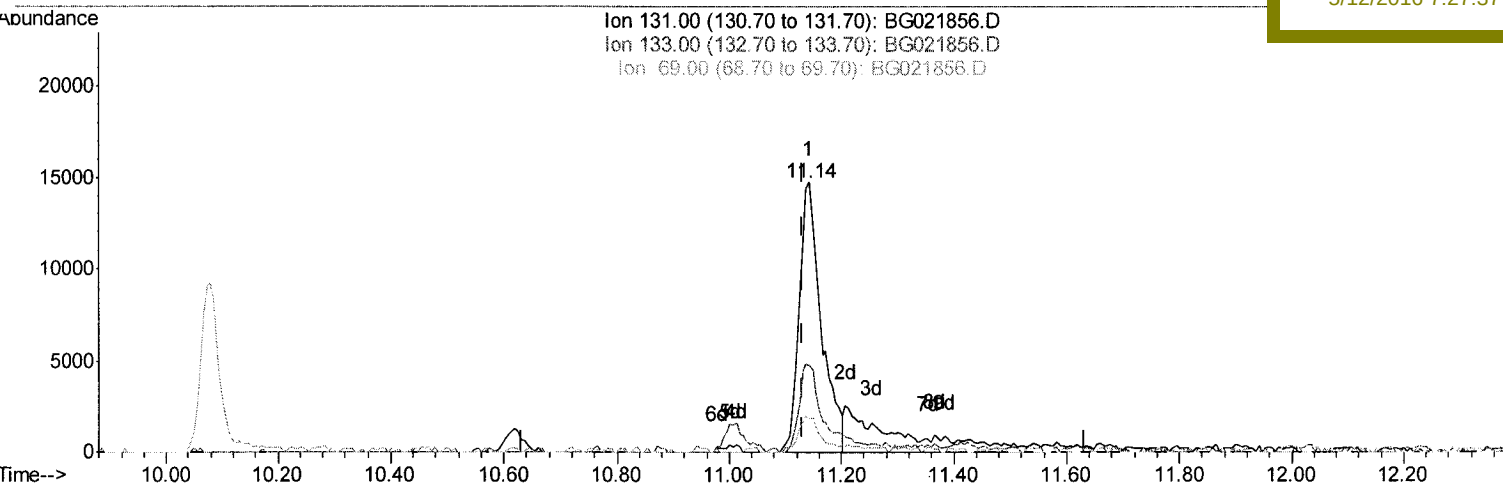
Data Path : Z:\HPCHEM1\BNA G\Data\BG051116\
 Data File : BG021856.D
 Acq On : 11 May 2016 23:01
 Operator : UM/SJ
 Sample : H2936-02
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Quant Time: May 12 07:33:44 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

Instrument :
 BNA_G
 ClientSampleId :
 D9WF2

Manual Integrations
 APPROVED

sohil
 5/12/2016 7:27:37 PM



TIC: BG021856.D

(29) 4-Chloroaniline-d4 (S)

11.142min (+0.011) 8.16ng/ul

response 40339

Ion	Exp%	Act%
131.00	100	100
133.00	34.60	32.40
69.00	23.00	12.50#
0.00	0.00	0.00

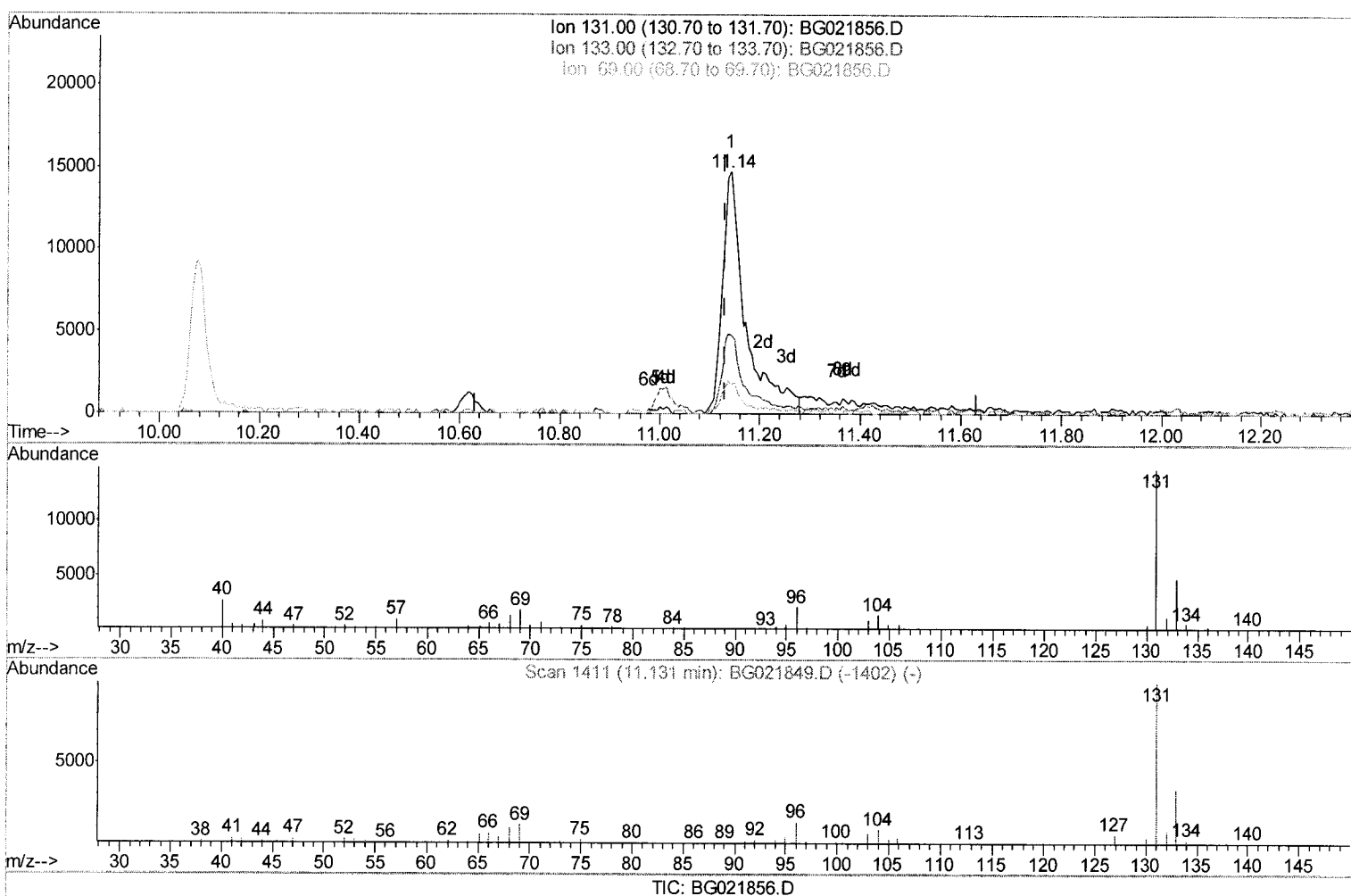
```
Data Path   : Z:\HPCHEM1\BNA G\Data\BG051116\  
Data File  : BG021856.D  
Acq On     : 11 May 2016   23:01  
Operator   : UM/SJ  
Sample     : H2936-02  
Misc       :  
ALS Vial   : 20      Sample Multiplier: 1
```

Instrument :
BNA_G
ClientSampleId :
D9WF2

Manual Integrations APPROVED

sohil
5/12/2016 7:27:37 PM

Quant Time: May 12 07:33:44 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



11.142min (+0.011) 9.68ng/ul m

response 47842

Ion	Exp%	Act%
131.00	100	100
133.00	34.60	32.40
69.00	23.00	12.50#
0.00	0.00	0.00

m > U.M
05/14/16

Quantitation Report (Qedit)

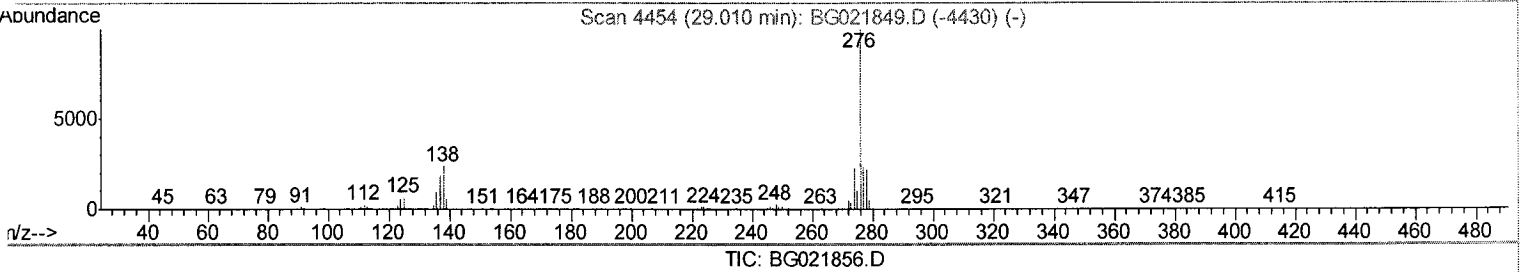
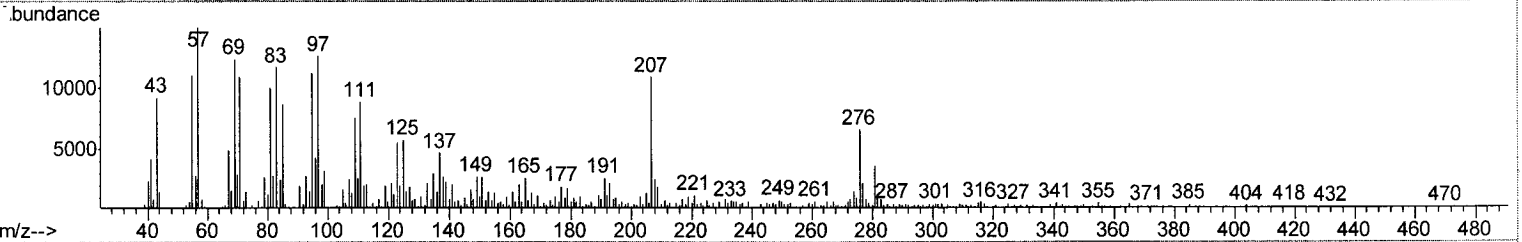
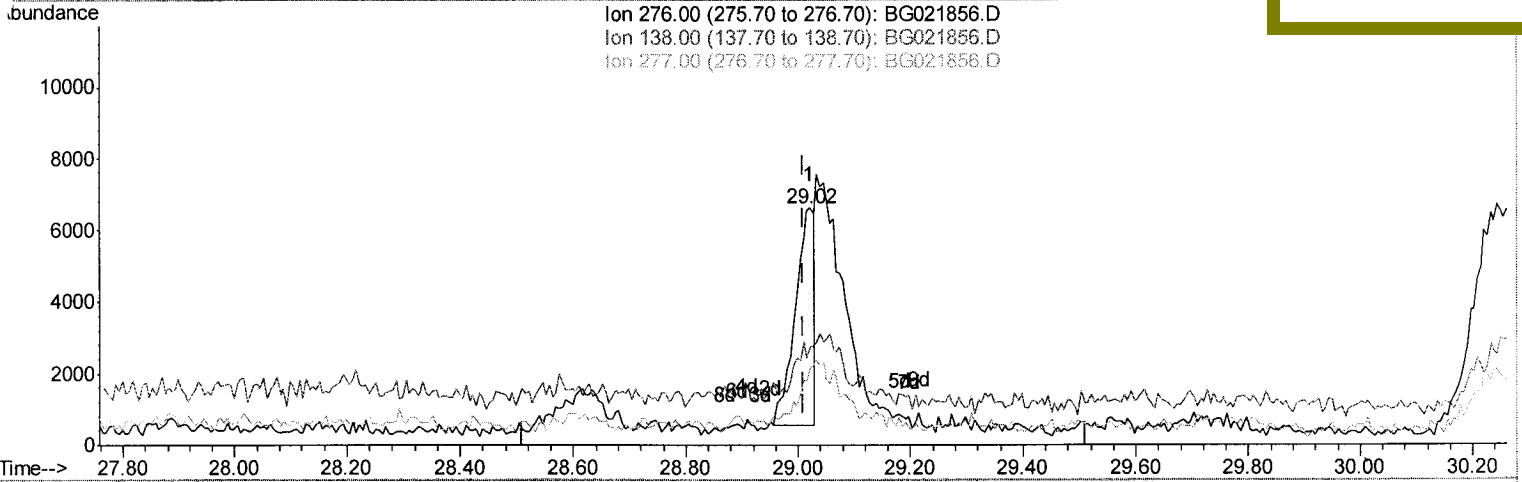
Data Path : Z:\HPCHEM1\BNA G\Data\BG051116\
 Data File : BG021856.D
 Acq On : 11 May 2016 23:01
 Operator : UM/SJ
 Sample : H2936-02
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
ClientSampleId :
 D9WF2

Quant Time: May 12 08:52:08 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

Manual Integrations
APPROVED

sohil
 5/12/2016 7:27:37 PM



(90) Indeno(1,2,3-cd)pyrene

29.021min (+0.011) 0.47ng/ul

response 13924

Ion	Exp%	Act%
276.00	100	100
138.00	19.70	41.32#
277.00	23.80	32.83#
0.00	0.00	0.00

Quantitation Report (Qedit)

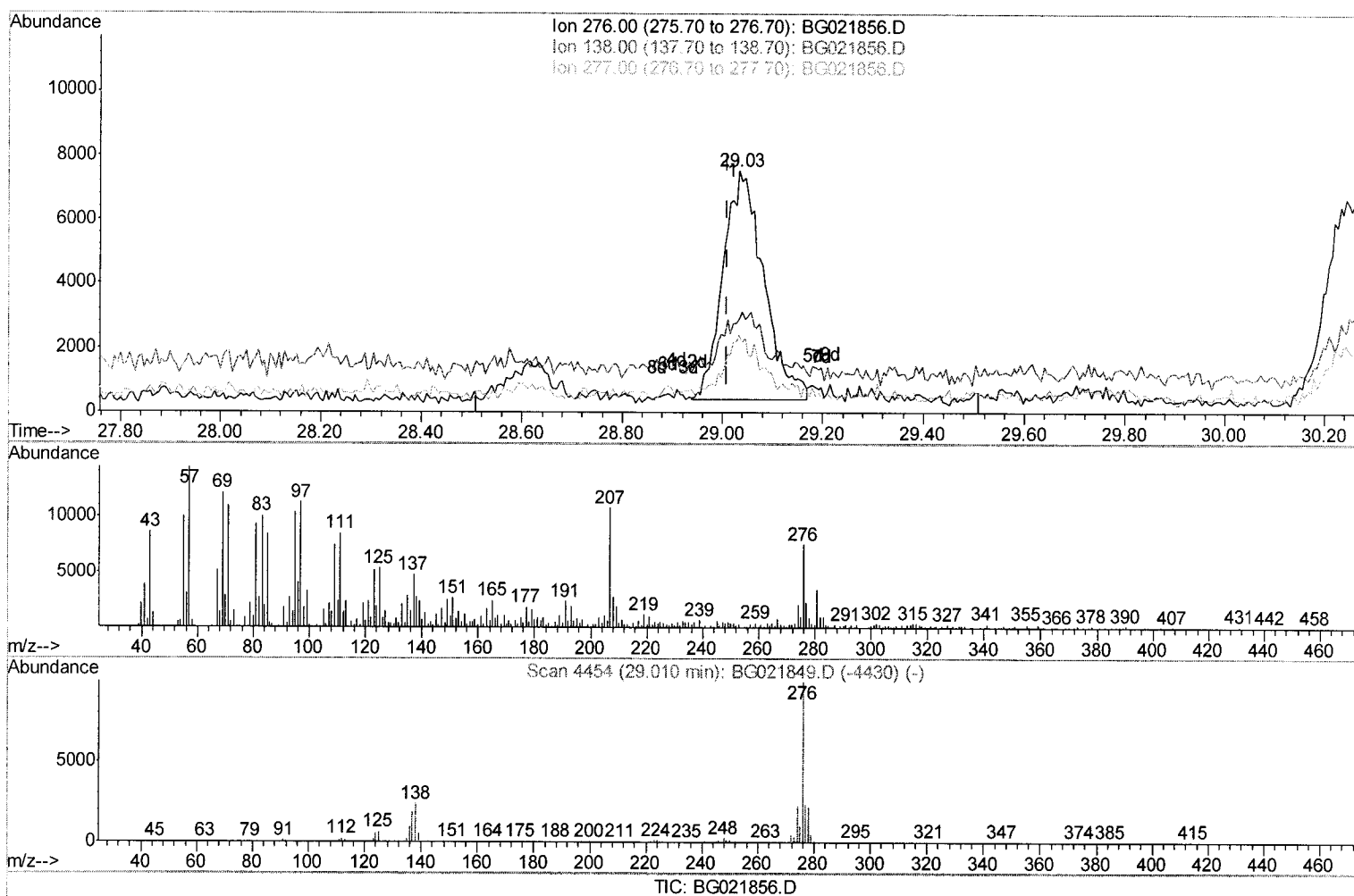
Data Path : Z:\HPCHEM1\BNA G\Data\BG051116\
 Data File : BG021856.D
 Acq On : 11 May 2016 23:01
 Operator : UM/SJ
 Sample : H2936-02
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 Client Sampled :
 D9WF2

Manual Integrations
 APPROVED

sohil
 5/12/2016 7:27:37 PM

Quant Time: May 12 08:52:08 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



(90) Indeno(1,2,3-cd)pyrene

29.033min (+0.023) 1.36ng/ul m

response 39928

Ion	Exp%	Act%
276.00	100	100
138.00	19.70	37.98#
277.00	23.80	31.76#
0.00	0.00	0.00

U.M
 05/14/16

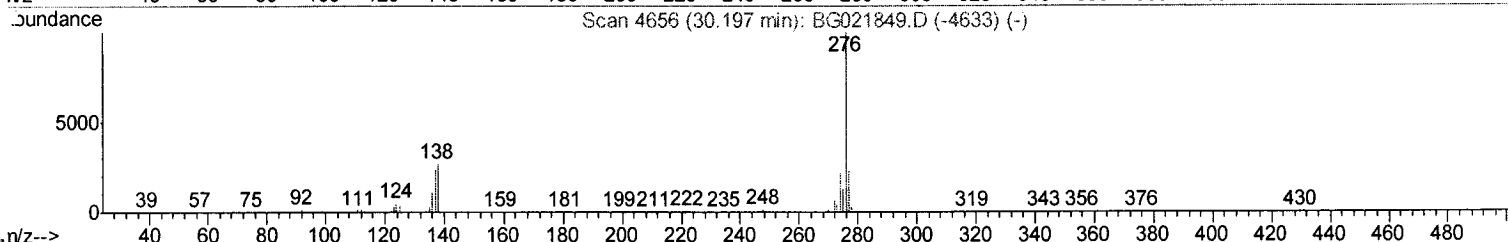
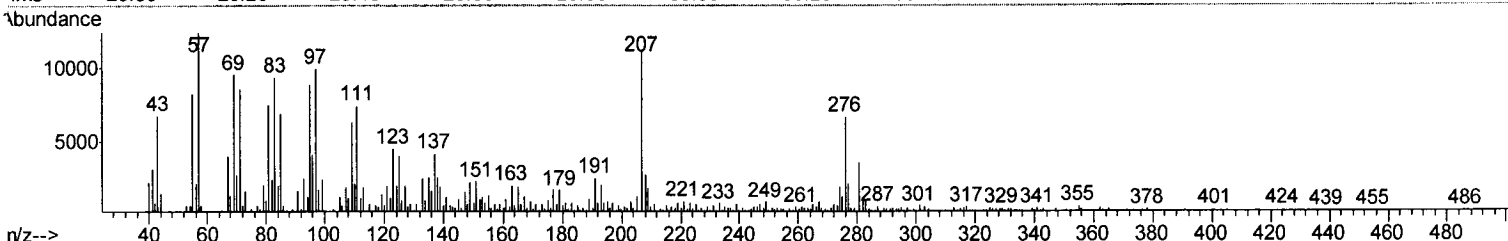
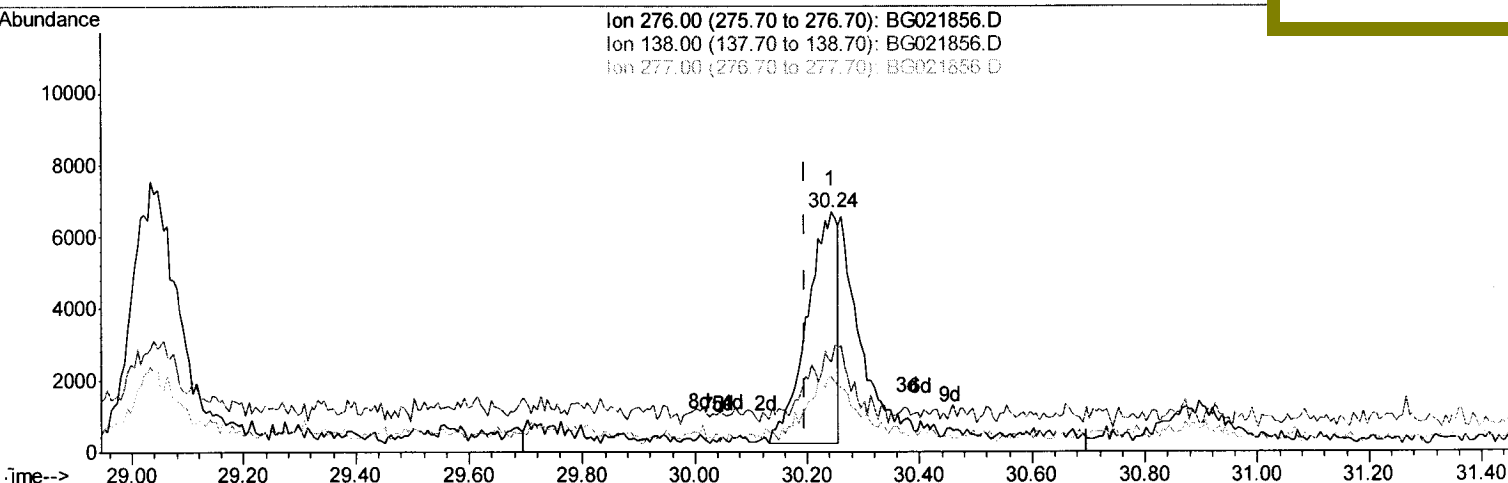
Data Path : Z:\HPCHEM1\BNA G\Data\BG051116\
Data File : BG021856.D
Acq On : 11 May 2016 23:01
Operator : UM/SJ
Sample : H2936-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
D9WF2

Quant Time: May 12 08:52:08 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

Manual Integrations
APPROVED

sohil
5/12/2016 7:27:37 PM



TIC: BG021856.D

(92) Benzo(g,h,i)perylene

30.243min (+0.046) 1.01ng/ul

response 24505

Ion	Exp%	Act%
276.00	100	100
138.00	17.40	37.40#
277.00	24.70	31.06#
0.00	0.00	0.00

Quantitation Report (Qedit)

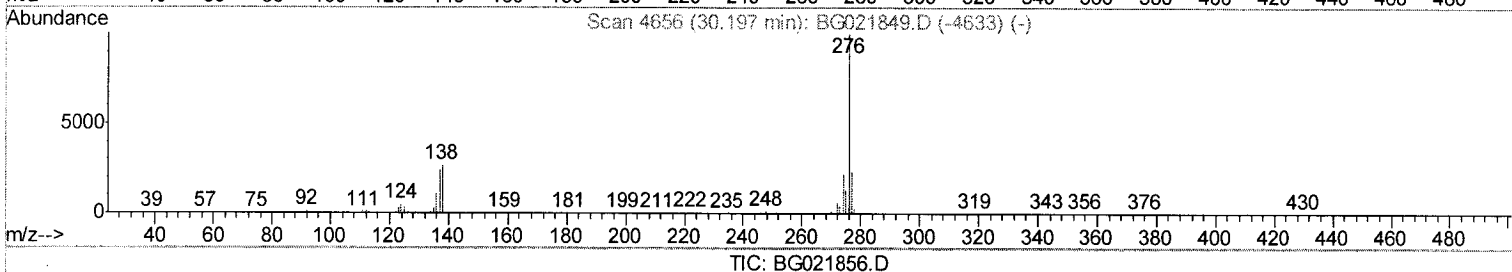
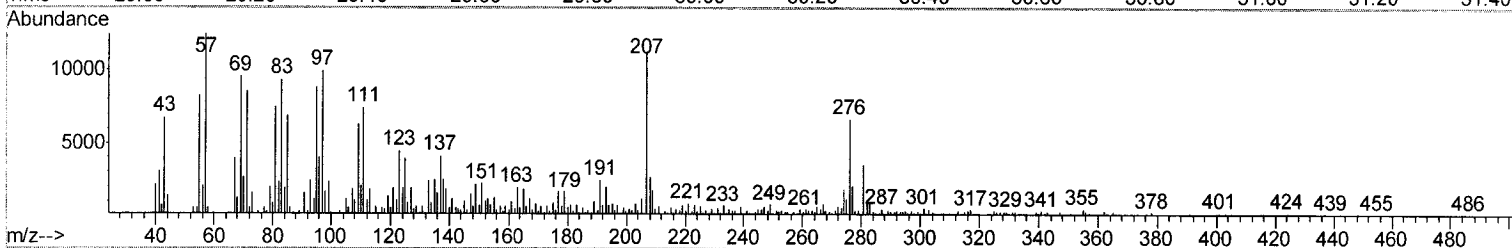
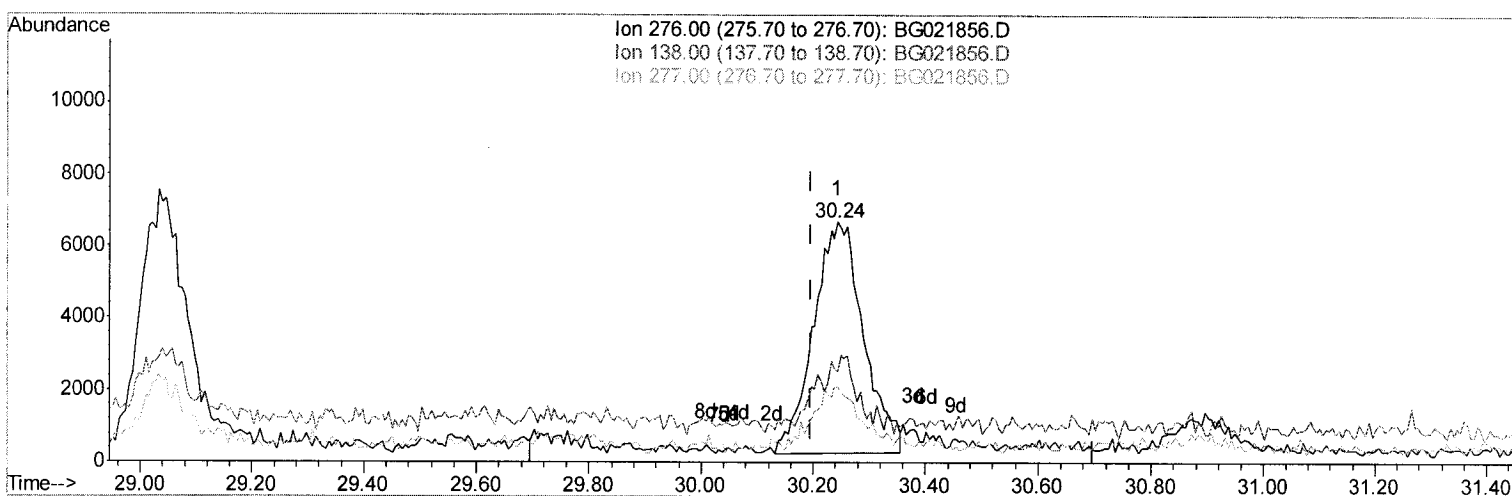
Data Path : Z:\HPCHEM1\BNA G\Data\BG051116\
Data File : BG021856.D
Acq On : 11 May 2016 23:01
Operator : UM/SJ
Sample : H2936-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
D9WF2

Manual Integrations
APPROVED

sohil
5/12/2016 7:27:37 PM

Quant Time: May 12 08:52:08 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



TIC: BG021856.D

(92) Benzo(g,h,i)perylene

30.243min (+0.046) 1.64ng/ul m

response 39788

Ion	Exp%	Act%
276.00	100	100
138.00	17.40	37.40#
277.00	24.70	31.06#
0.00	0.00	0.00

U.M
05114116

Data Path : Z:\HPCHEM1\BNA G\Data\BG051116\
 Data File : BG021856.D
 Acq On : 11 May 2016 23:01
 Operator : UM/SJ
 Sample : H2936-02
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9WF2

Quant Time: May 12 08:55:46 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

Manual Integrations
 APPROVED

sohil
 5/12/2016 7:27:37 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.19	152	80199	20.00	ng/ul	0.00
18) Naphthalene-d8	11.01	136	390718	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.80	164	225498	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.55	188	451402	20.00	ng/ul	0.00
76) Chrysene-d12	21.84	240	441988	20.00	ng/ul	0.01
84) Perylene-d12	25.20	264	435667	20.00	ng/ul	0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.57	96	5806	3.49	ng/uL	0.00
5) Phenol-d5	7.33	99	120438	20.24	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.50	67	64313	21.79	ng/ul	0.00
9) 2-Chlorophenol-d4	7.71	132	116553	25.23	ng/ul	0.00
13) 4-Methylphenol-d8	8.88	113	66794	13.36	ng/ul	0.00
19) Nitrobenzene-d5	9.35	128	60843	23.69	ng/ul	0.00
22) 2-Nitrophenol-d4	10.08	143	67622	41.68	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.62	165	114648	24.99	ng/ul	0.00
29) 4-Chloroaniline-d4	11.14	131	47842m	9.68	ng/ul	0.01
44) Dimethylphthalate-d6	14.20	166	380498	24.02	ng/ul	0.00
47) Acenaphthylene-d8	14.50	160	522177	23.22	ng/ul	0.00
52) 4-Nitrophenol-d4	15.00	143	47785	17.60	ng/ul	0.00
58) Fluorene-d10	15.80	176	354467	21.26	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.91	200	44114	35.28	ng/ul	0.00
71) Anthracene-d10	17.65	188	475141	21.62	ng/ul	0.00
77) Pyrene-d10	19.93	212	502970	24.31	ng/ul	0.00
88) Benzo(a)pyrene-d12	24.97	264	461888	22.31	ng/ul	0.03

U.M
 05/14/16

Target Compounds

						Ovalue
14) Acetophenone	9.02	105	16706	2.03	ng/ul#	65
45) Dimethylphthalate	14.25	163	88456	5.48	ng/ul	97
70) Phenanthrene	17.59	178	47335	1.92	ng/ul	96
75) Fluoranthene	19.59	202	92017	3.28	ng/ul	95
78) Pvrene	19.96	202	80238	3.14	ng/ul	97
79) Butylbenzylphthalate	20.83	149	26409	4.67	ng/ul	90
81) Benzo(a)anthracene	21.82	228	43876	1.78	ng/ul#	87
82) Bis(2-ethylhexyl)phthalate	21.71	149	147007	15.93	ng/ul	95
83) Chrysene	21.89	228	52218	2.15	ng/ul#	92
90) Indeno(1,2,3-cd)pyrene	29.03	276	39928m	1.36	ng/ul	
92) Benzo(a,h,i)perylene	30.24	276	39788m	1.64	ng/ul	

U.M
 05/14/16

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