

(QT Reviewed)

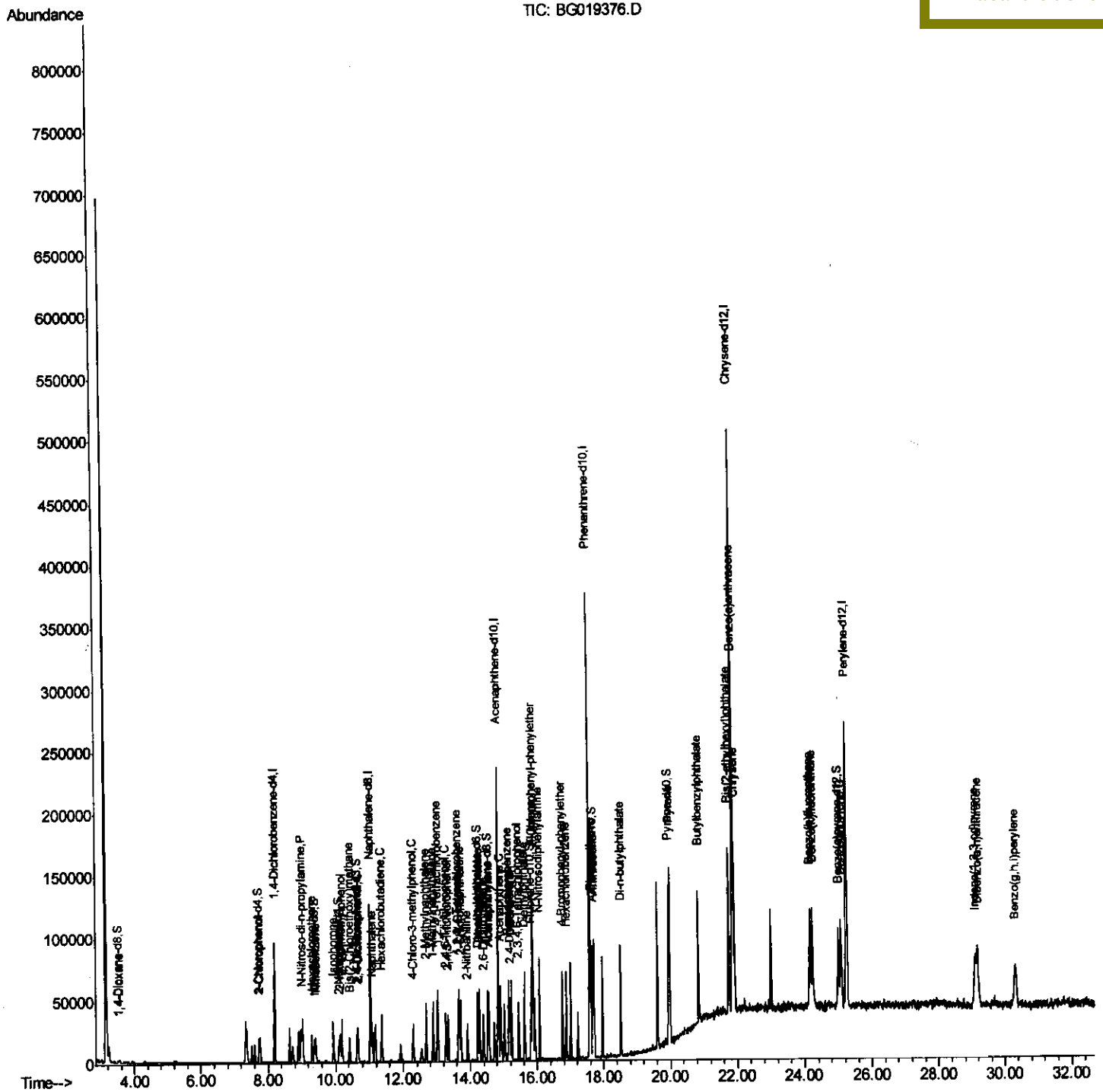
```
Data Path   : Z:\HPCHEM1\BNA_G\Data\BG102815\  
Data File   : BG019376.D  
Acq On      : 28 Oct 2015   11:14  
Operator    : UM/NP  
Sample      : SSTD00510  
Misc        :  
ALS Vial    : 2      Sample Multiplier: 1
```

Instrument :
BNA_G
ClientSampleId :
SSTD00510

Quant Time: Oct 28 15:06:25 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 28 14:34:31 2015
Response via : Initial Calibration

Manual Integrations

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
48) Acenaphthylene	14.56	152	36370	5.14	ng/ul	98
50) Acenaphthene	14.90	153	25938	5.48	ng/ul	93
54) Dibenzofuran	15.23	168	36997	5.15	ng/ul	98
55) 2,4-Dinitrotoluene	15.18	165	11172	5.74	ng/ul#	81
56) 2,3,4,6-Tetrachlorophenol	15.44	232	10573	4.48	ng/ul#	88
57) Diethylphthalate	15.63	149	33851	5.39	ng/ul	92
59) Fluorene	15.87	166	32466	5.21	ng/ul#	96
60) 4-Chlorophenyl-phenylether	15.86	204	18921	4.94	ng/ul	97
65) N-Nitrosodiphenylamine	16.07	169	28948	5.15	ng/ul#	94
66) 4-Bromophenyl-phenylether	16.76	248	13237	4.84	ng/ul	95
67) Hexachlorobenzene	16.88	284	14434	5.08	ng/ul	95
70) Phenanthrene	17.61	178	59785	5.36	ng/ul	96
72) Anthracene	17.71	178	60993	5.41	ng/ul	96
73) 1,2,3,4-Tetrachlorobenzene	13.63	216	15647	5.12	ng/uL	94
74) Pentachlorobenzene	15.14	250	16125	5.13	ng/uL	91
76) Di-n-butylphthalate	18.52	149	61494	5.69	ng/ul	98
80) Pyrene	19.97	202	85287	5.28	ng/ul#	96
81) Butylbenzylphthalate	20.84	149	27192	5.48	ng/ul	91
83) Benzo(a)anthracene	21.84	228	88680	5.30	ng/ul	94
84) Bis(2-ethylhexyl)phthalate	21.73	149	38755	5.65	ng/ul	97
85) Chrysene	21.91	228	83541	5.43	ng/ul	95
88) Benzo(b)fluoranthene	24.15	252	83463	5.09	ng/ul#	96
89) Benzo(k)fluoranthene	24.22	252	78712m →	5.03	ng/ul	92
91) Benzo(a)pyrene	25.07	252	80896	5.33	ng/ul#	
92) Indeno(1,2,3-cd)pyrene	29.09	276	89684m →	5.23	ng/ul	
93) Dibenzo(a,h)anthracene	29.18	278	76410m →	5.37	ng/ul	
94) Benzo(g,h,i)perylene	30.31	276	45596	3.22	ng/ul	95

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

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 ClientSampled :
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 10/30/2015 6:31:37 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.21	152	22786	20.00	ng/ul	0.00
18) Naphthalene-d8	11.03	136	93042	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.83	164	76075	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.57	188	220661	20.00	ng/ul	0.00
78) Chrysene-d12	21.86	240	288411	20.00	ng/ul	0.00
86) Perylene-d12	25.24	264	268017	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.51	96	1190	2.90	ng/uL	0.00
5) Phenol-d5	0.00	99	0d	0.00	ng/ul	
7) Bis-(2-Chloroethyl)ether-d	0.00	67	0d	0.00	ng/ul	
9) 2-Chlorophenol-d4	7.73	132	6554	5.06	ng/ul	0.00
13) 4-Methylphenol-d8	0.00	113	0d	0.00	ng/ul	
19) Nitrobenzene-d5	9.37	128	3700	5.24	ng/ul	0.00
22) 2-Nitrophenol-d4	10.10	143	4085	5.06	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.65	165	8640	4.91	ng/ul	0.00
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
44) Dimethylphthalate-d6	14.22	166	32522	5.16	ng/ul	0.00
47) Acenaphthylene-d8	14.53	160	35304	5.06	ng/ul	0.00
52) 4-Nitrophenol-d4	0.00	143	0d	0.00	ng/ul	
58) Fluorene-d10	15.81	176	31644	5.35	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	0.00	200	0d	0.00	ng/ul	
71) Anthracene-d10	17.67	188	53987	5.34	ng/ul	0.00
79) Pyrene-d10	19.94	212	65736	5.20	ng/ul	0.00
90) Benzo(a)pyrene-d12	25.00	264	69870	5.11	ng/ul	-0.01

Target Compounds

				Qvalue	
2) 1,4-Dioxane	3.56	88	1354m	2.94	ng/uL
10) 2-Chlorophenol	7.76	128	7038	5.35	ng/ul
15) N-Nitroso-di-n-propylamine	9.00	70	10325	6.40	ng/ul#
17) Hexachloroethane	9.30	117	3763	5.58	ng/ul
20) Nitrobenzene	9.41	77	13520	5.37	ng/ul#
21) Isophorone	9.94	82	25735	5.86	ng/ul#
23) 2-Nitrophenol	10.13	139	5023	5.59	ng/ul#
24) 2,4-Dimethylphenol	10.19	107	12655	5.56	ng/ul
25) Bis(2-Chloroethoxy)methane	10.41	93	11551	5.44	ng/ul#
27) 2,4-Dichlorophenol	10.67	162	8517	4.96	ng/ul#
28) Naphthalene	11.08	128	23950	5.17	ng/ul#
31) Hexachlorobutadiene	11.36	225	9493	5.34	ng/ul#
33) 4-Chloro-3-methylphenol	12.29	107	11928	5.40	ng/ul#
34) 2-Methylnaphthalene	12.68	142	19400	5.03	ng/ul
35) 1-Methylnaphthalene	12.89	142	18160	5.06	ng/ul#
37) 1,2,4,5-Tetrachlorobenzene	13.04	216	16095	5.18	ng/ul
39) 2,4,6-Trichlorophenol	13.27	196	9283	4.92	ng/ul#
40) 2,4,5-Trichlorophenol	13.34	196	11029	5.22	ng/ul
41) 1,1'-Biphenyl	13.67	154	27354	4.98	ng/ul#
42) 2-Chloronaphthalene	13.72	162	21913	5.08	ng/ul
43) 2-Nitroaniline	13.91	65	8669	5.08	ng/ul
45) Dimethylphthalate	14.27	163	34763	5.52	ng/ul
46) 2,6-Dinitrotoluene	14.40	165	6574	4.97	ng/ul

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Quantitation Report (Qedit)

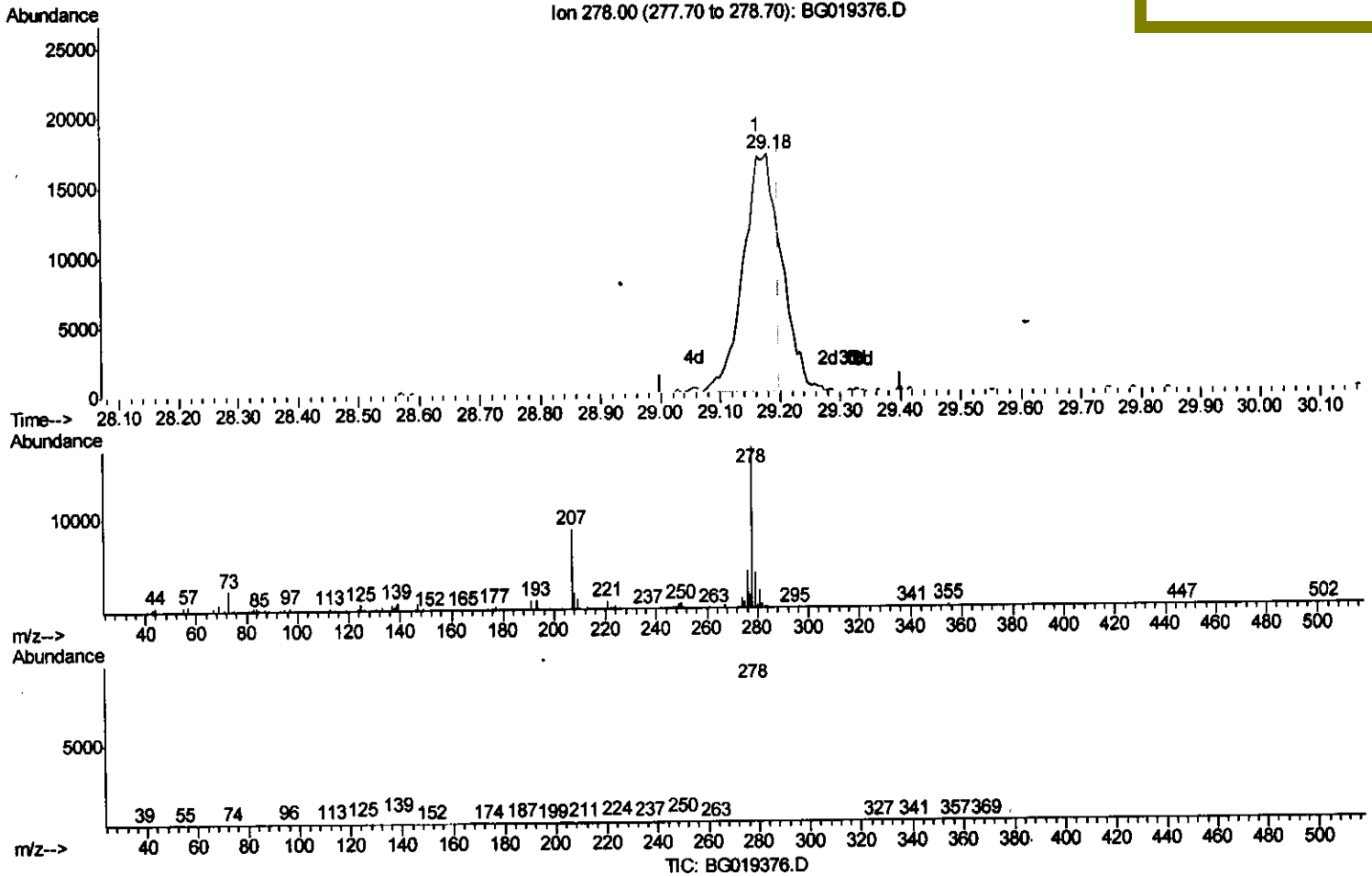
Data Path : Z:\HPCHEM1\BNA_G\Data\BG102815\
 Data File : BG019376.D
 Acq On : 28 Oct 2015 11:14
 Operator : UM/NP
 Sample : SSTD00510
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD00510

Quant Time: Oct 28 14:45:06 2015
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(93) Dibenzo(a,h)anthracene

29.181min (-0.020) 5.37ng/ul m

response 76410

Ion	Exp%	Act%
278.00	100	100
139.00	7.20	5.86
279.00	25.40	22.59
0.00	0.00	0.00

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Quantitation Report (Qedit)

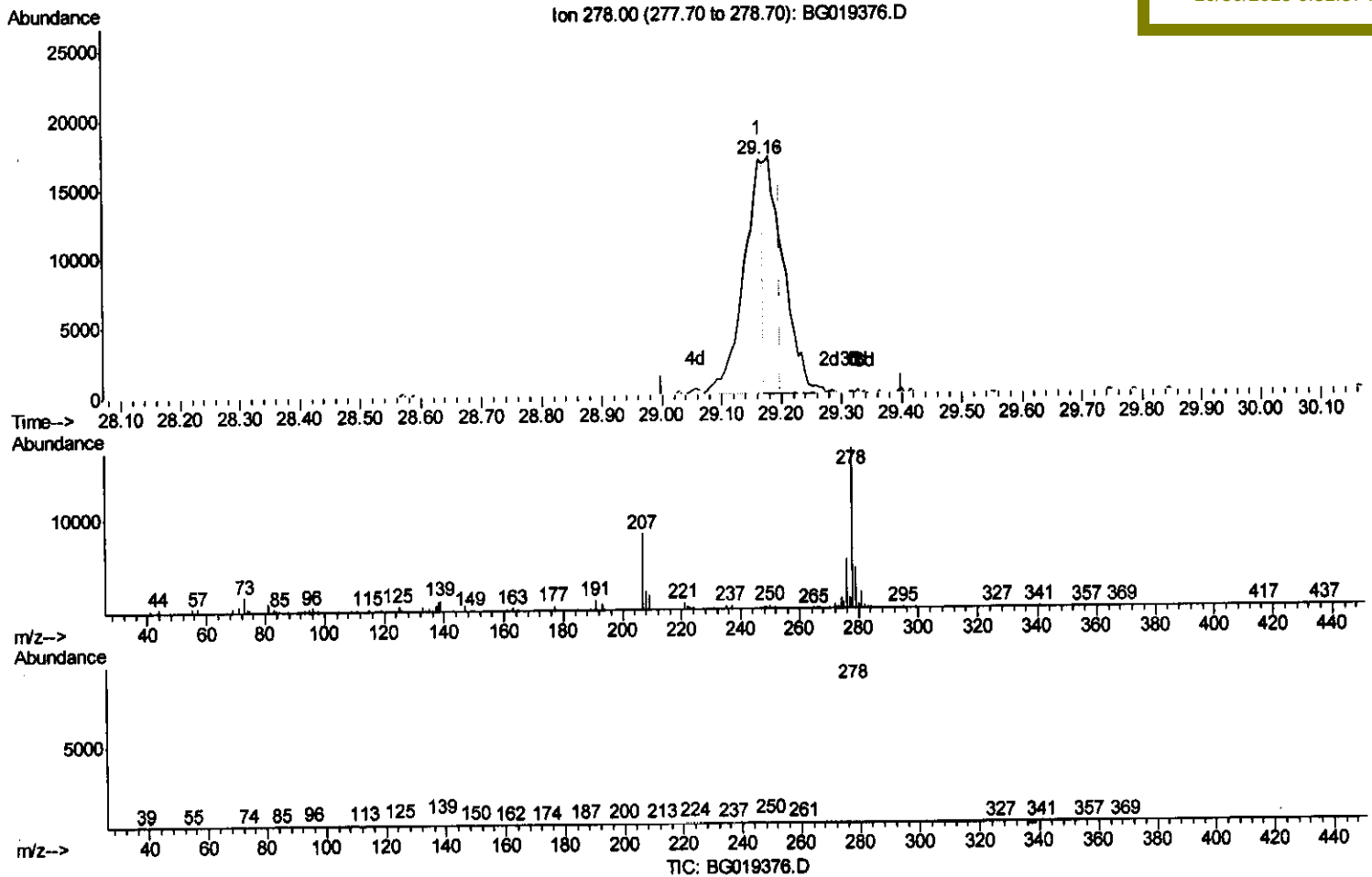
Data Path : Z:\HPCHEM1\BNA_G\Data\BG102815\
Data File : BG019376.D
Acq On : 28 Oct 2015 11:14
Operator : UM/NP
Sample : SST00510
Misc :
ALS Vial : 2 Sample Multiplier: 1

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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
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Instrument :
BNA_G
ClientSampleId :
SST00510

Manual Integrations
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(93) Dibenzo(a,h)anthracene

29.163min (-0.038) 2.65ng/ul

response 37676

Ion	Exp%	Act%
278.00	100	100
139.00	7.20	8.80#
279.00	25.40	25.75
0.00	0.00	0.00

Quantitation Report (Qedit)

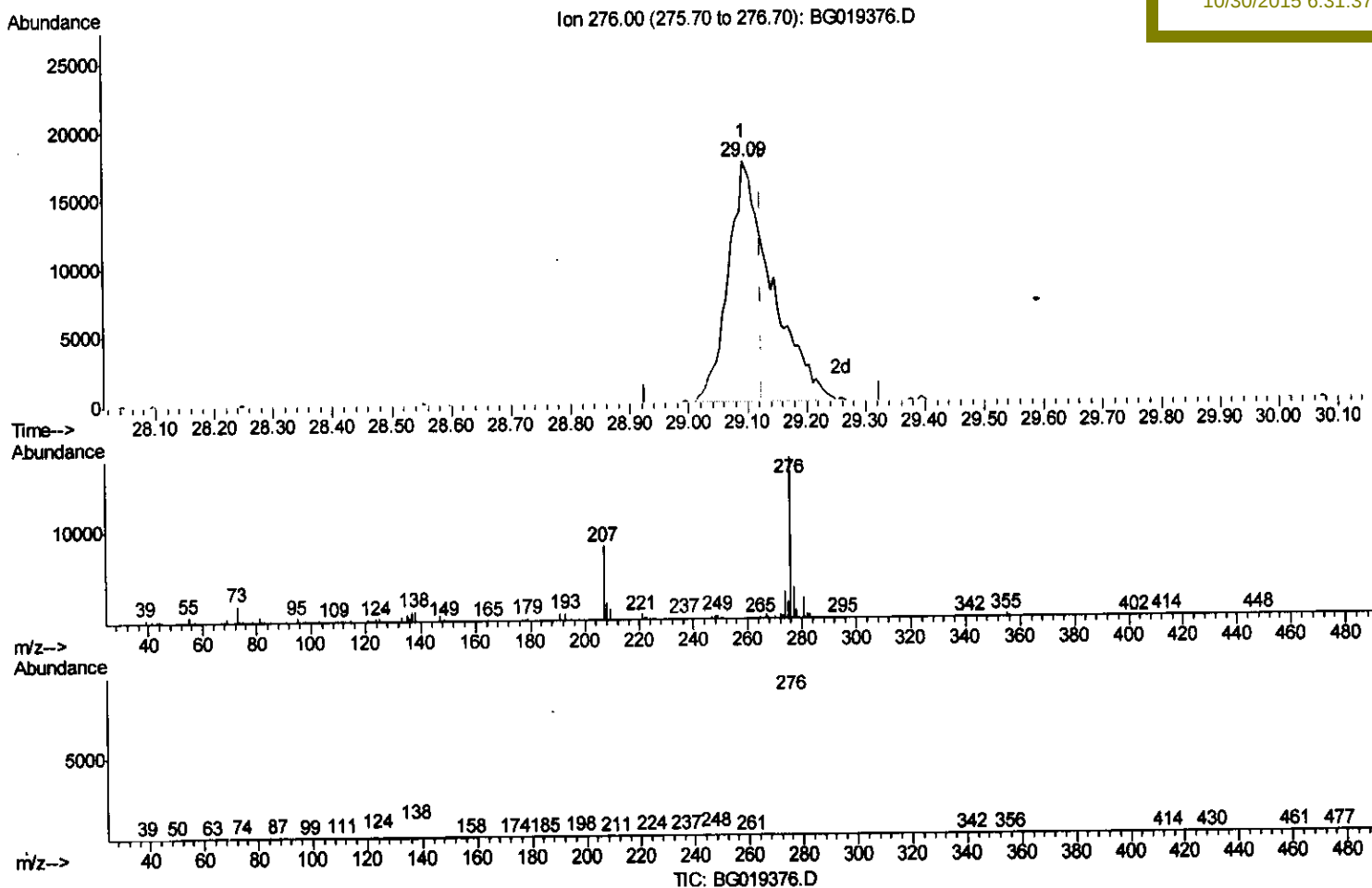
Data Path : Z:\HPCHEM1\BNA_G\Data\BG102815\
Data File : BG019376.D
Acq On : 28 Oct 2015 11:14
Operator : UM/NP
Sample : SSTD00510
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD00510

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10/30/2015 6:31:37 PM



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

29.093min (-0.032) 5.23ng/ul m

response 89684

Ion	Exp%	Act%
276.00	100	100
138.00	7.80	7.30
277.00	22.40	19.80
0.00	0.00	0.00

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Quantitation Report (Qedit)

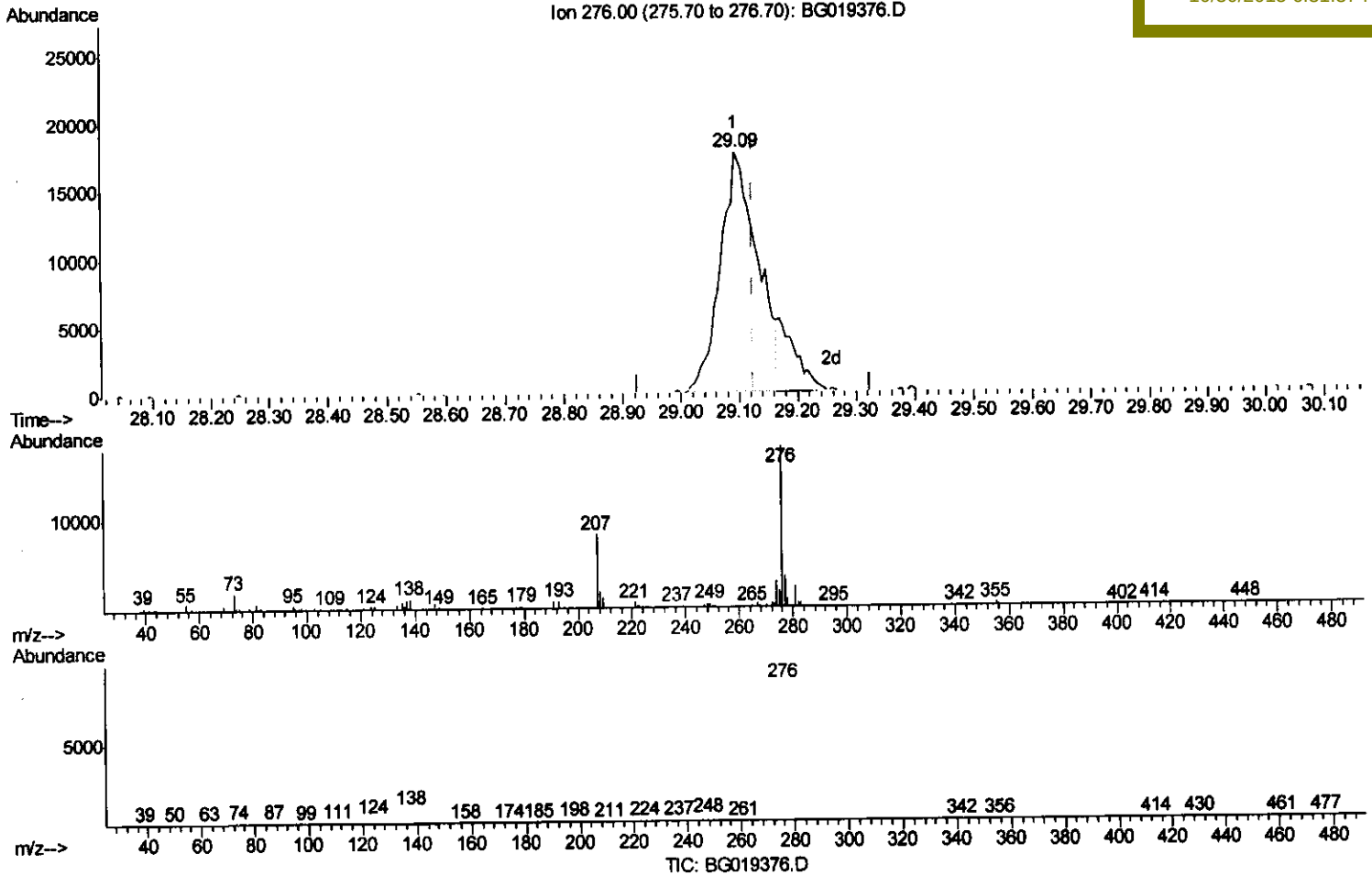
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 Operator : UM/NP
 Sample : SSTD00510
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
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 10/30/2015 6:31:37 PM



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

29.093min (-0.032) 4.55ng/ui

response 78042

Ion	Exp%	Act%
276.00	100	100
138.00	7.80	7.30
277.00	22.40	19.80
0.00	0.00	0.00

Quantitation Report (Qedit)

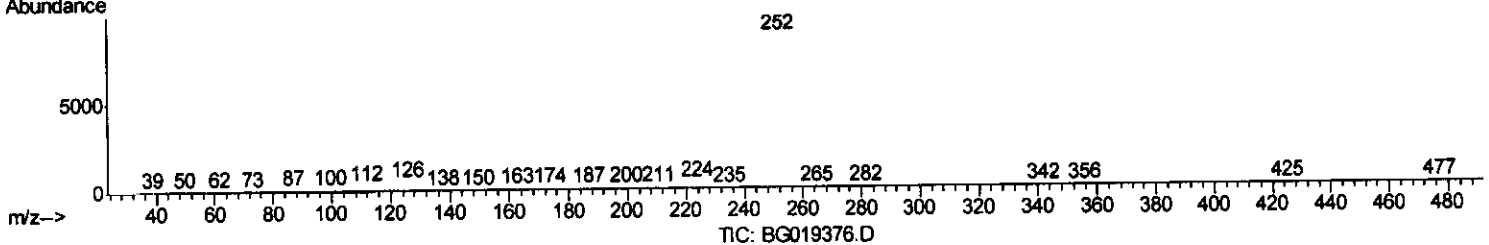
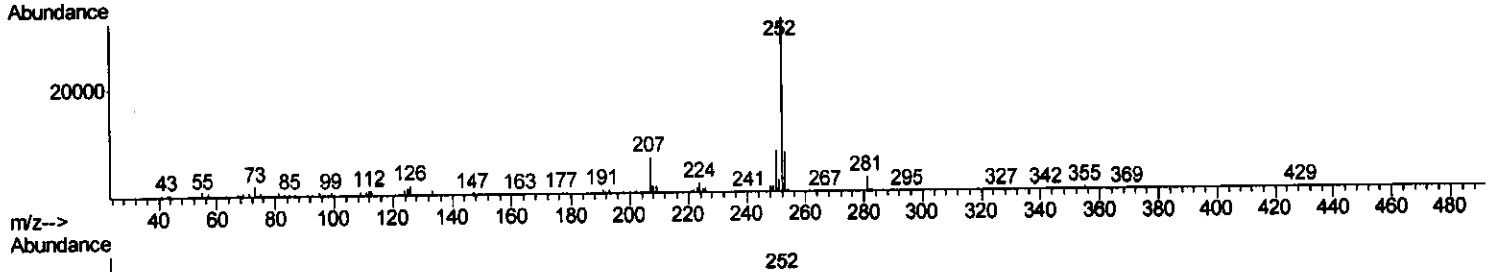
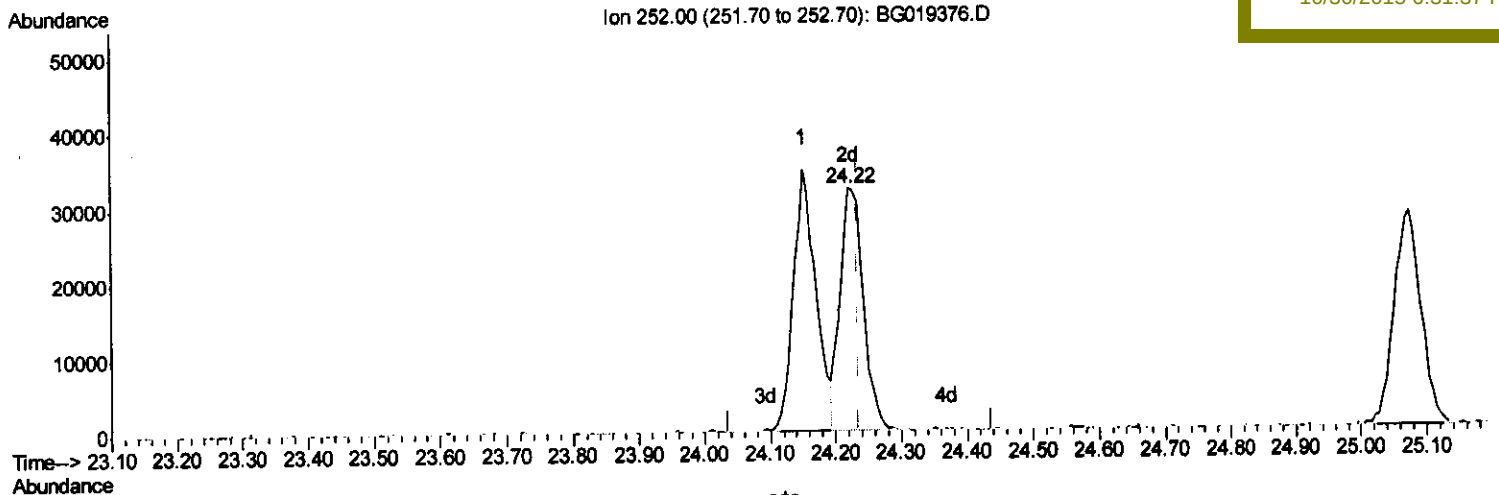
Data Path : Z:\HPCHEM1\BNA_G\Data\BG102815\
Data File : BG019376.D
Acq On : 28 Oct 2015 11:14
Operator : UM/NP
Sample : SST000510
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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10/30/2015 6:31:37 PM



(89) Benzo(k)fluoranthene

24.222min (-0.014) 5.03ng/ui m

response 78712

Ion	Exp%	Act%
252.00	100	100
253.00	21.50	23.67
125.00	3.90	4.73#
0.00	0.00	0.00

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Quantitation Report (Qedit)

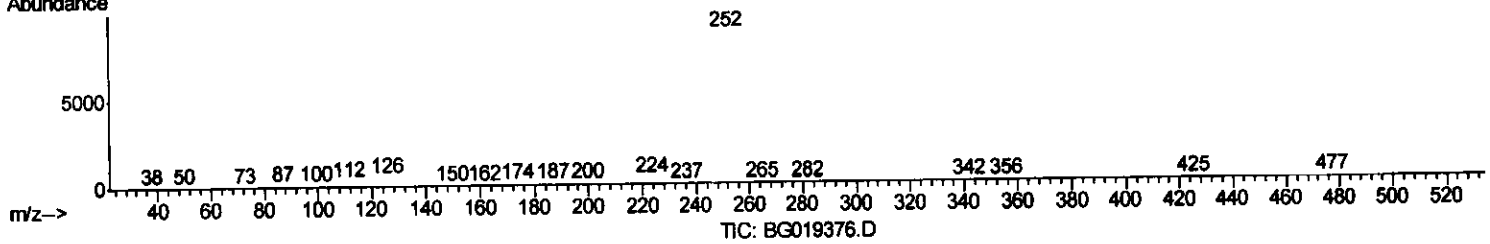
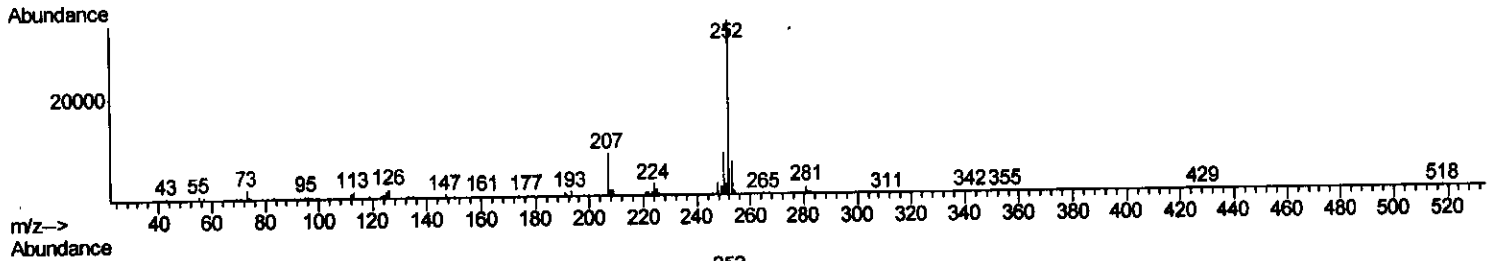
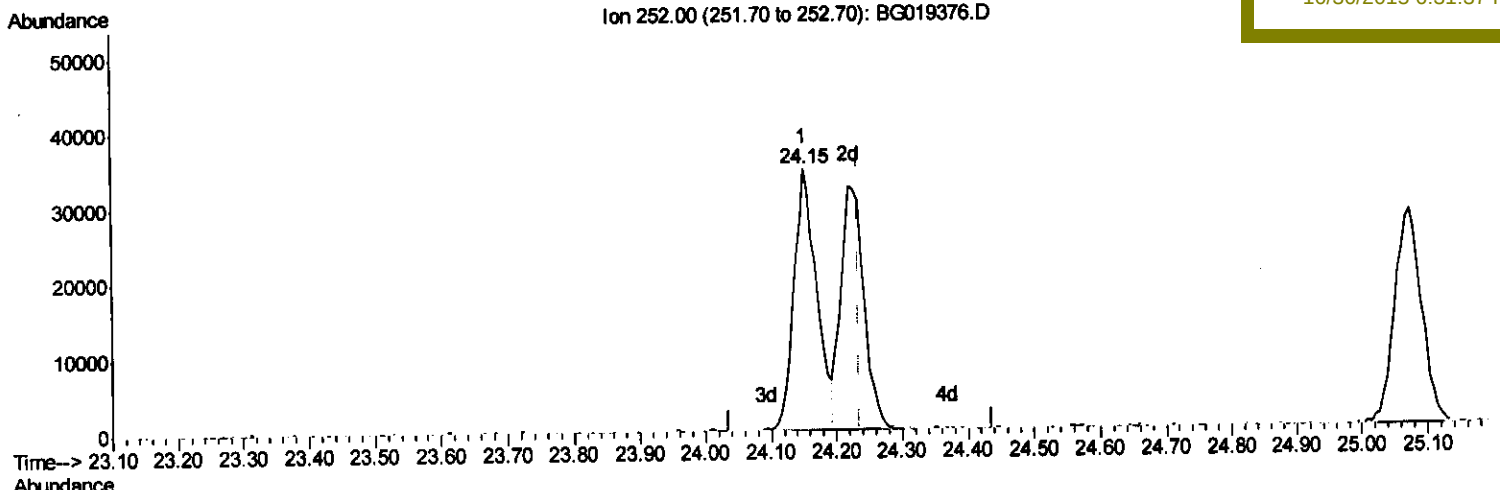
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 10/30/2015 6:31:37 PM



(89) Benzo(k)fluoranthene

24.151min (-0.085) 5.33ng/ul

response 83463

Ion	Exp%	Act%
252.00	100	100
253.00	21.50	19.53
125.00	3.90	3.89
0.00	0.00	0.00

Quantitation Report (Qedit)

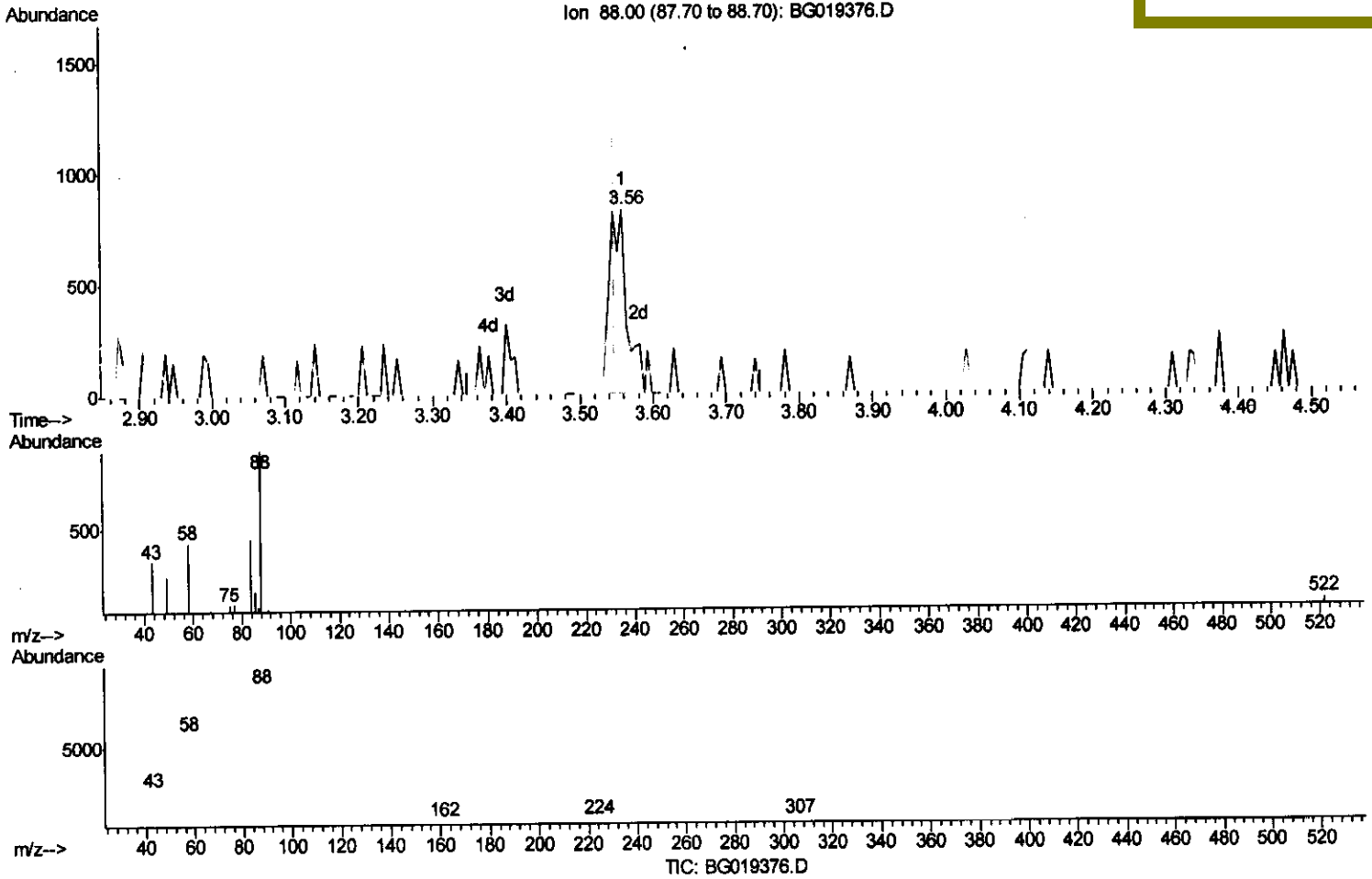
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(2) 1,4-Dioxane

3.558min (+0.009) 2.94ng/uL m

response 1354

Ion	Exp%	Act%
88.00	100	100
43.00	37.30	43.98
58.00	62.90	53.37
0.00	0.00	0.00

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Quantitation Report (Qedit)

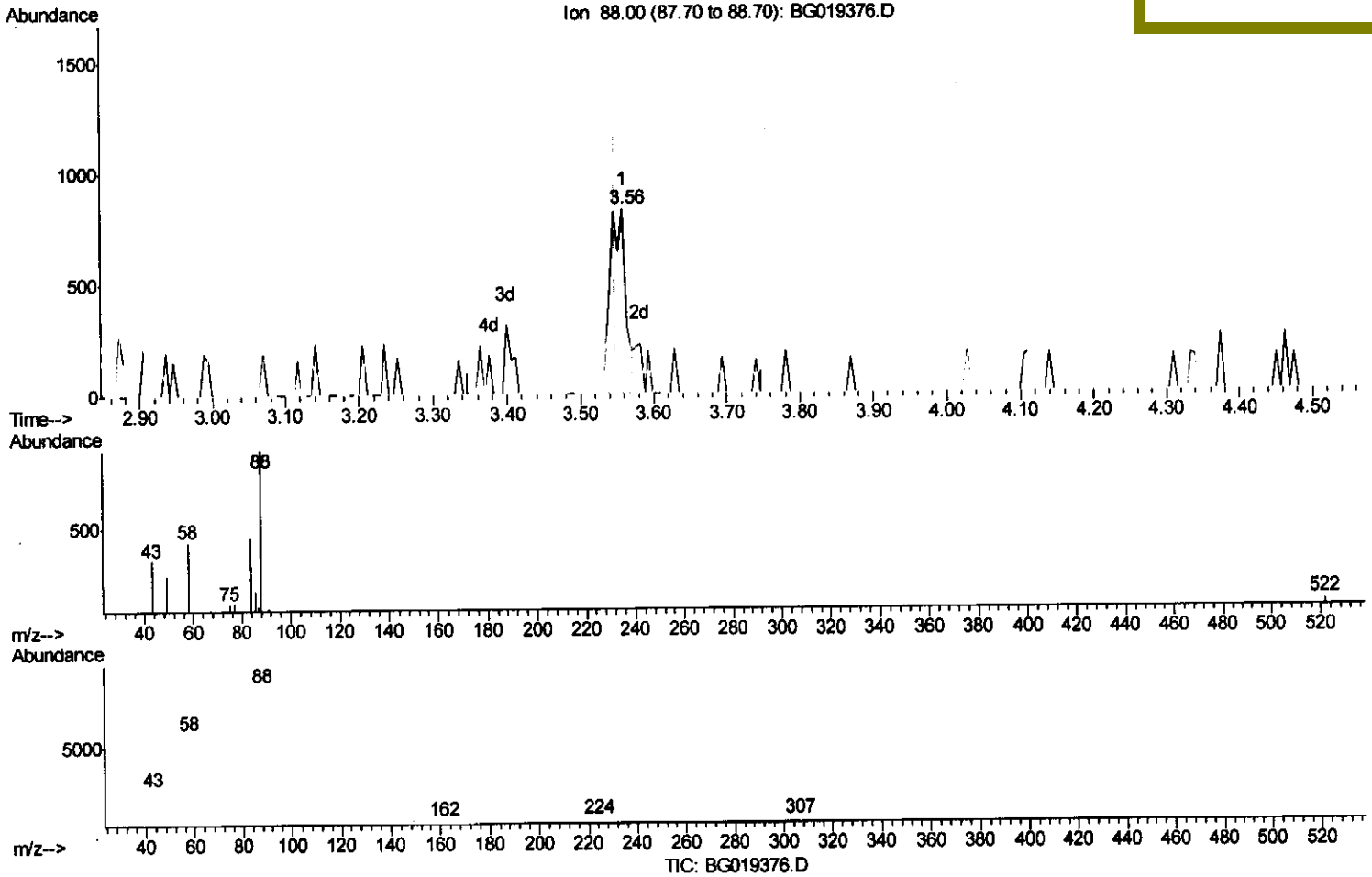
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(2) 1,4-Dioxane

3.558min (+0.009) 2.61ng/uL

response 1201

Ion	Exp%	Act%
88.00	100	100
43.00	37.30	43.98
58.00	62.90	53.37
0.00	0.00	0.00