

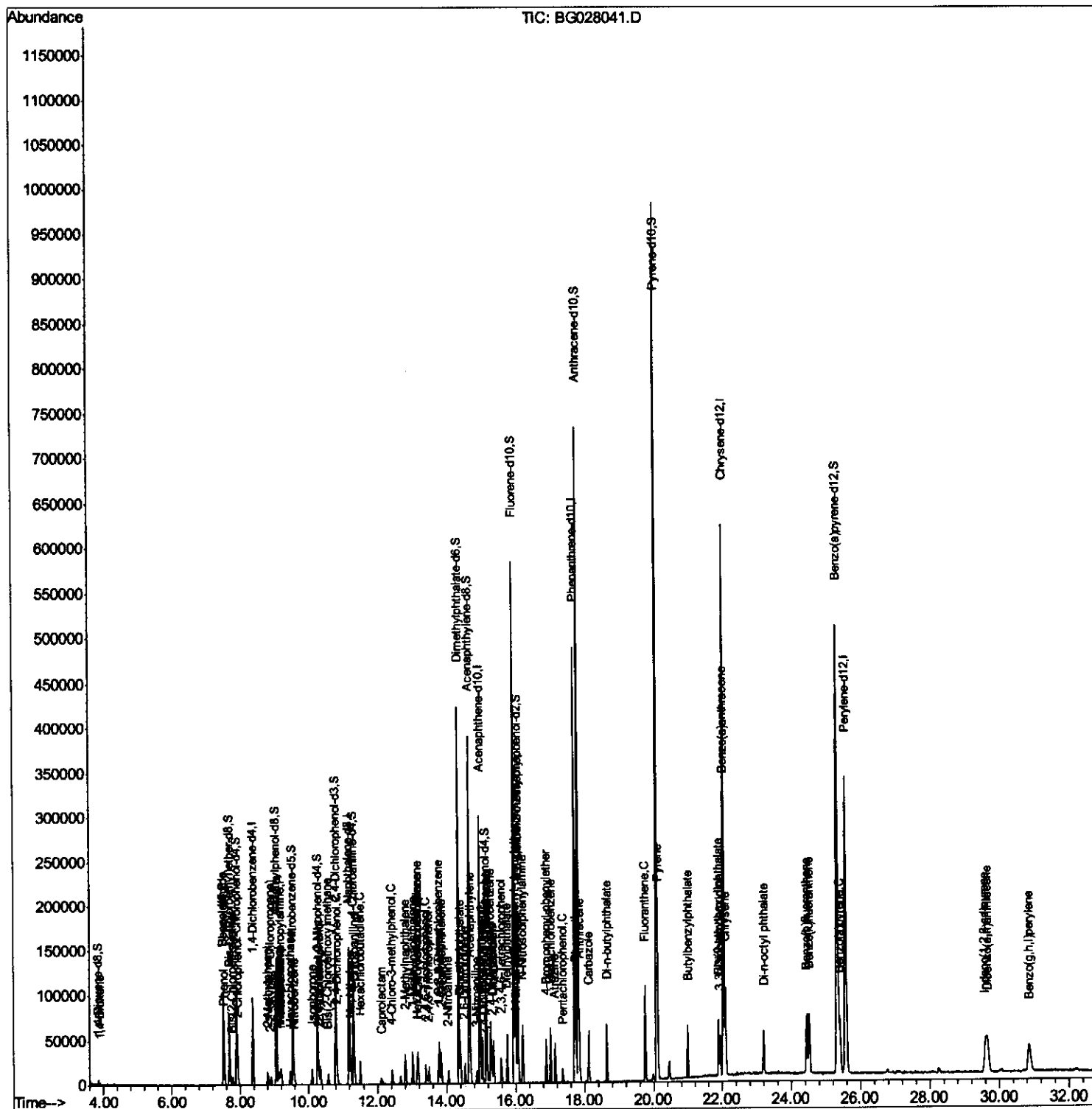
Data Path : Z:\HPCHEM1\BNA G\DATA\BG072717\
Data File : BG028041.D
Acq On : 28 Jul 2017 00:26
Operator : SJ/JU
Sample : MDL-S-04
Misc : 4 PPM
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MDL-S-04

Manual Integrations
APPROVED

Sohil
7/28/2017 4:45:59 PM

Quant Time: Jul 28 03:59:28 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG072717MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 28 02:09:08 2017
Response via : Initial Calibration



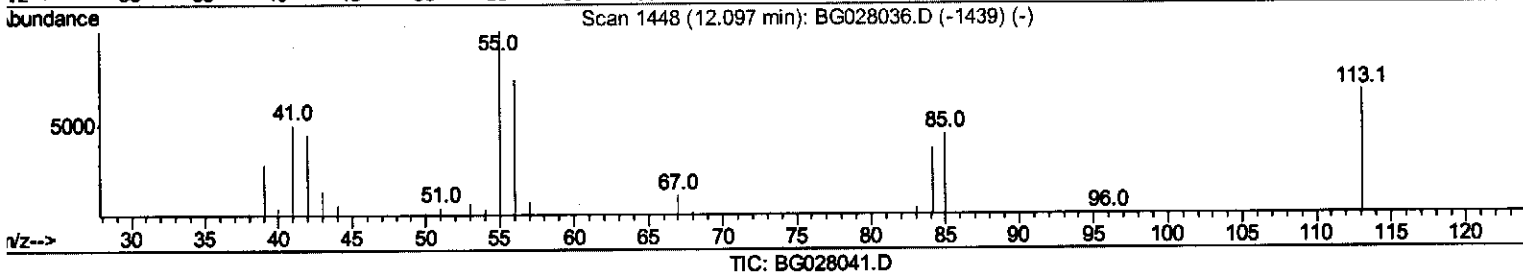
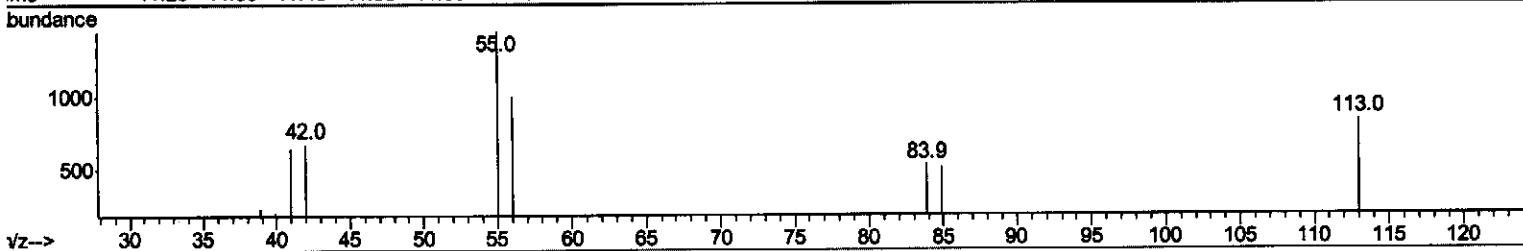
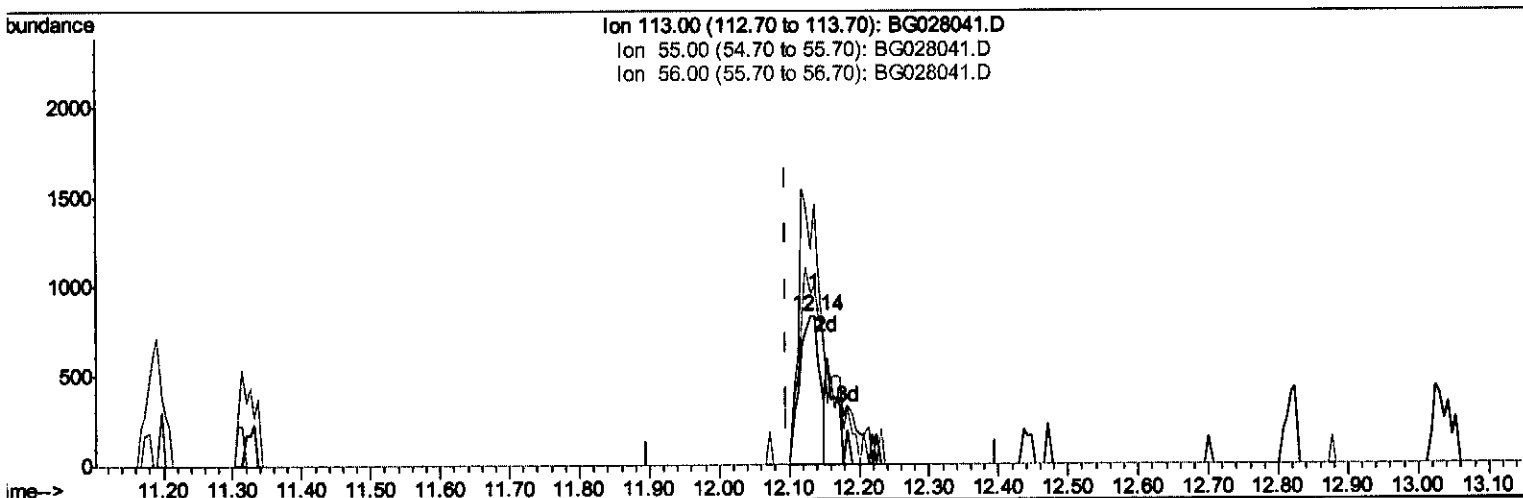
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(32) Caprolactam

12.136min (+0.040) 2.05ng/ul

response 1644

Ion	Exp%	Act%
113.00	100	100
55.00	164.60	176.27
56.00	115.90	120.82
0.00	0.00	0.00

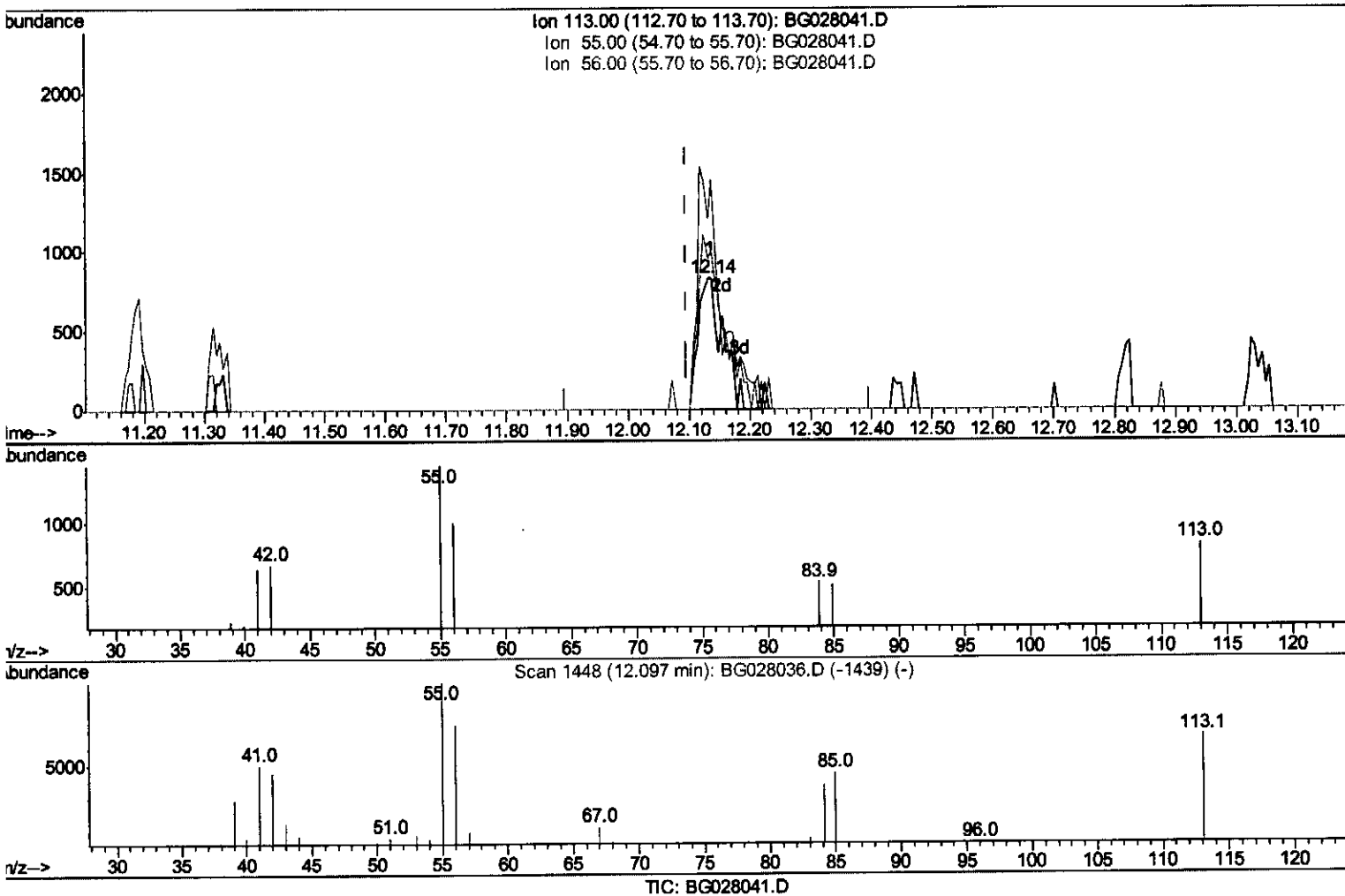
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(32) Caprolactam

12.136min (+0.040) 2.77ng/ul

response 2223

Ion	Exp%	Act%
113.00	100	100
55.00	164.60	176.27
56.00	115.90	120.82
0.00	0.00	0.00

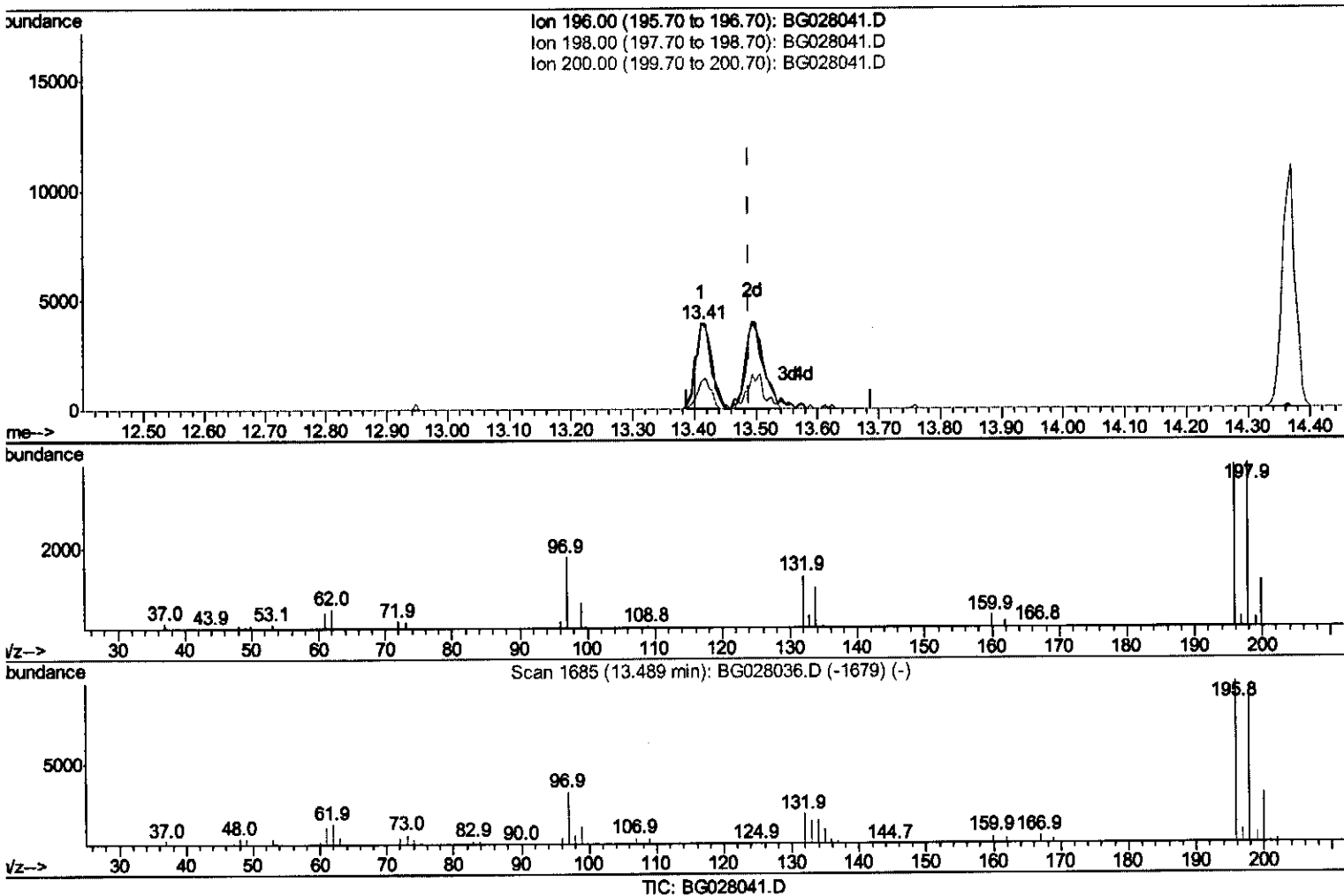
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(40) 2,4,5-Trichlorophenol

13.411min (-0.078) 2.10ng/ul

response 6007

Ion	Exp%	Act%
196.00	100	100
198.00	93.40	100.48
200.00	31.70	32.12
0.00	0.00	0.00

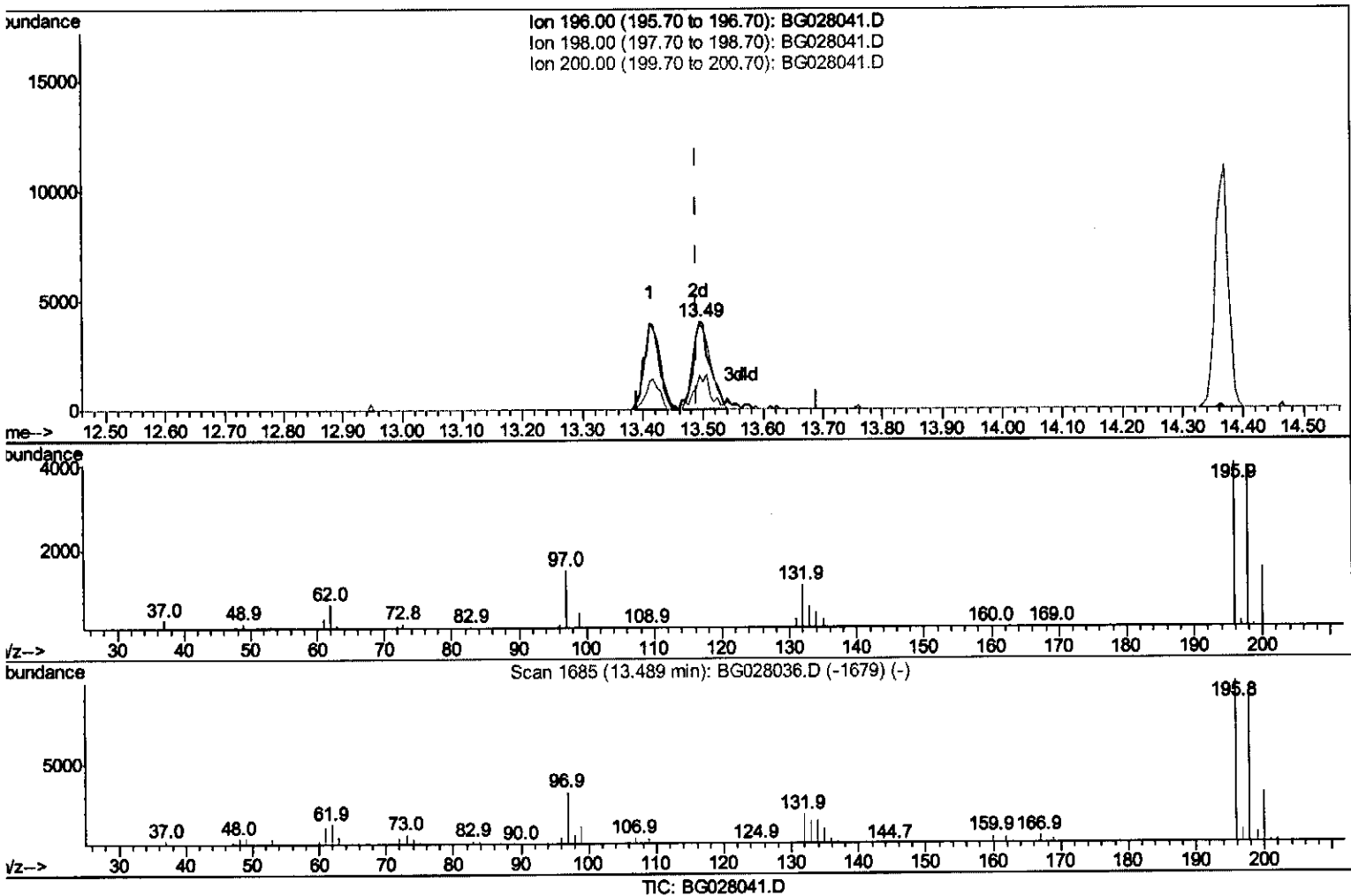
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(40) 2,4,5-Trichlorophenol

13.494min (+0.005) 2.97ng/ul m

response 8500

Ion	Exp%	Act%
196.00	100	100
198.00	93.40	98.21
200.00	31.70	39.05#
0.00	0.00	0.00

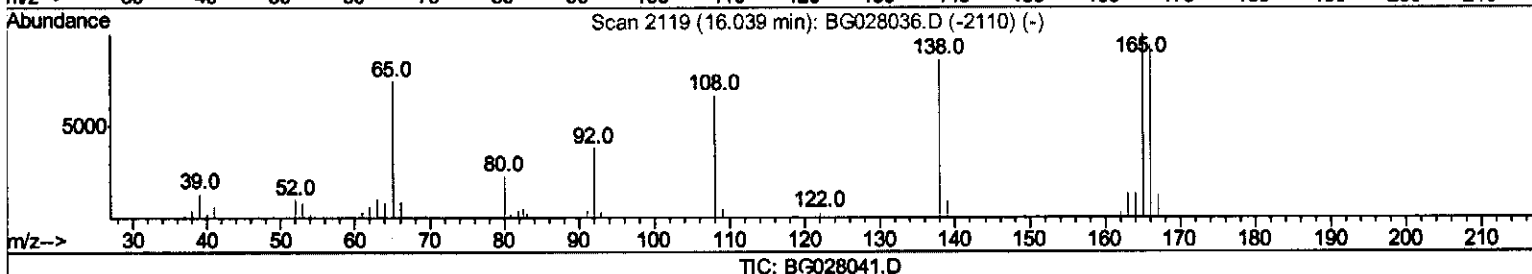
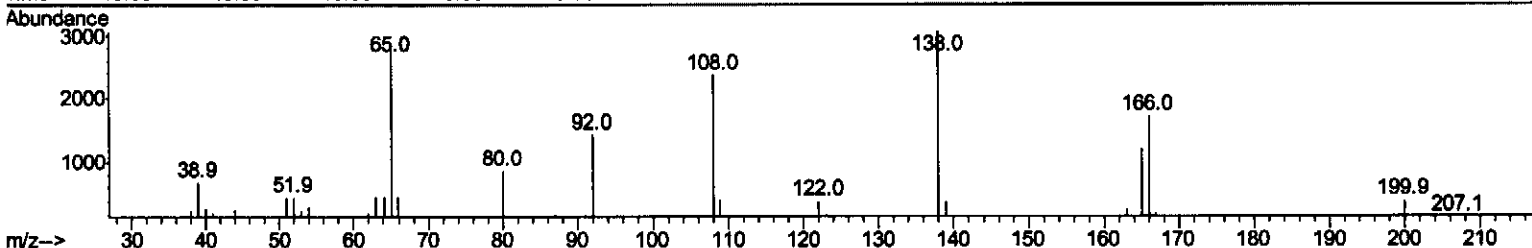
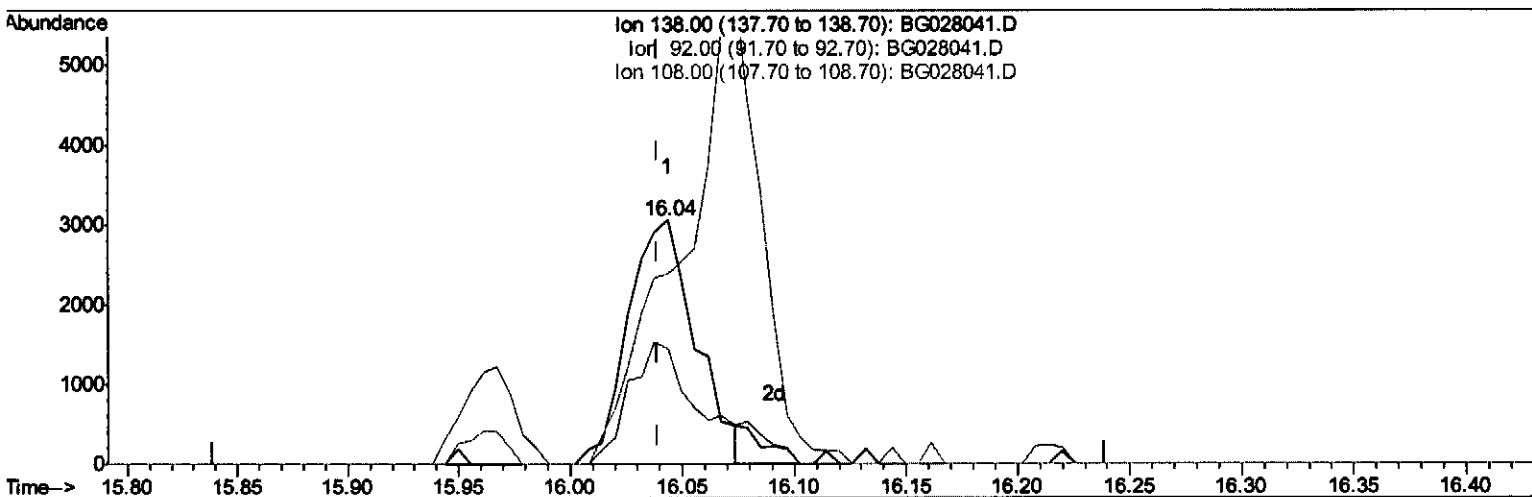
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TIC: BG028041.D

(61) 4-Nitroaniline

16.044min (+0.005) 3.30ng/ul

response 6359

Ion	Exp%	Act%
138.00	100	100
92.00	47.80	47.23
108.00	87.50	77.84
0.00	0.00	0.00

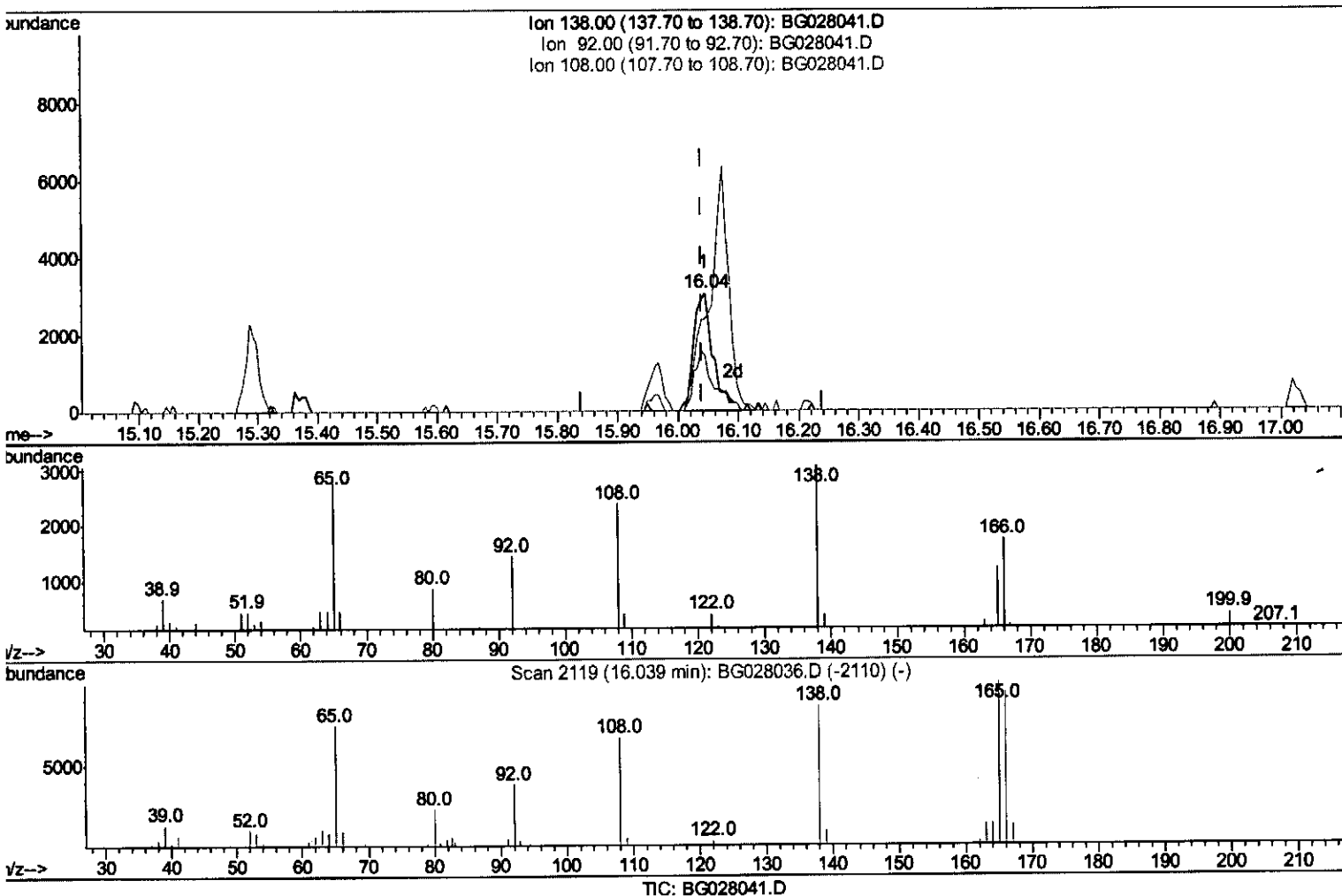
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Manual Integrations
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(61) 4-Nitroaniline

16.044min (+0.005) 3.50ng/ul m

response 6744

Ion	Exp%	Act%
138.00	100	100
92.00	47.80	47.23
108.00	87.50	77.84
0.00	0.00	0.00

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.37	152	34413	20.00	ng/ul	0.00
18) Naphthalene-d8	11.18	136	149921	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.97	164	117279	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.72	188	344325	20.00	ng/ul	0.00
78) Chrysene-d12	22.06	240	460233	20.00	ng/ul	0.00
86) Perylene-d12	25.58	264	462592	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.85	96	3214	6.05	ng/uL	0.00
5) Phenol-d5	7.51	99	66244	25.48	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.68	67	37282	28.68	ng/ul	0.00
9) 2-Chlorophenol-d4	7.89	132	62238	28.40	ng/ul	0.00
13) 4-Methylphenol-d8	9.05	113	59657	25.71	ng/ul	0.00
19) Nitrobenzene-d5	9.53	128	30845	29.44	ng/ul	0.00
22) 2-Nitrophenol-d4	10.26	143	38989	29.21	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.80	165	70576	26.87	ng/ul	0.00
29) 4-Chloroaniline-d4	11.32	131	87010	32.84	ng/ul	0.00
44) Dimethylphthalate-d6	14.36	166	321323	30.27	ng/ul	0.00
47) Acenaphthylene-d8	14.67	160	324351	28.25	ng/ul	0.00
52) 4-Nitrophenol-d4	15.16	143	39974	25.07	ng/ul	0.00
58) Fluorene-d10	15.96	176	282050	28.85	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	16.07	200	62884	25.65	ng/ul	0.00
71) Anthracene-d10	17.82	188	491111	29.78	ng/ul	0.00
79) Pyrene-d10	20.10	212	620750	30.37	ng/ul	0.00
90) Benzo(a)pyrene-d12	25.34	264	618101	29.05	ng/ul	0.00

Target Compounds

				Ovalue	
2) 1,4-Dioxane	3.90	88	863	1.516 ng/uL#	67
4) Benzaldehyde	7.51	77	906	0.704 ng/ul#	70
6) Phenol	7.54	94	7649	3.034 ng/ul#	88
8) Bis(2-Chloroethyl)ether	7.78	93	5867	3.288 ng/ul#	80
10) 2-Chlorophenol	7.93	128	6379	3.160 ng/ul#	89
11) 2-Methylphenol	8.79	108	5549	2.823 ng/ul#	79
12) 2,2'-oxybis(1-Chloropropan	8.89	45	7143	3.049 ng/ul#	92
14) Acetophenone	9.19	105	10927	3.241 ng/ul	88
15) N-Nitroso-di-n-propylamine	9.16	70	5089	3.216 ng/ul#	91
16) 4-Methylphenol	9.12	108	6547	3.002 ng/ul#	73
17) Hexachloroethane	9.46	117	2736	3.388 ng/ul	88
20) Nitrobenzene	9.57	77	7289	3.239 ng/ul#	95
21) Isophorone	10.10	82	14331	3.333 ng/ul#	93
23) 2-Nitrophenol	10.30	139	4149	3.226 ng/ul#	89
24) 2,4-Dimethylphenol	10.33	107	8013	3.115 ng/ul	99
25) Bis(2-Chloroethoxy)methane	10.57	93	8733	3.496 ng/ul	94
27) 2,4-Dichlorophenol	10.83	162	8712	3.481 ng/ul#	88
28) Naphthalene	11.24	128	22931	3.389 ng/ul	99
30) 4-Chloroaniline	11.34	127	5814	2.306 ng/ul	93
31) Hexachlorobutadiene	11.51	225	7181	3.316 ng/ul	90
32) Caprolactam	12.14	113	2223m	2.767 ng/ul	97
33) 4-Chloro-3-methylphenol	12.44	107	6909	2.833 ng/ul#	86
34) 2-Methylnaphthalene	12.82	142	19777	3.387 ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	13.04	142	18746	3.311	ng/ul	91
37) 1,2,4,5-Tetrachlorobenzene	13.18	216	15769	3.490	ng/ul#	83
38) Hexachlorocyclopentadiene	13.16	237	6477	2.445	ng/ul#	82
39) 2,4,6-Trichlorophenol	13.41	196	7107	2.635	ng/ul	96
40) 2,4,5-Trichlorophenol	13.49	196	8500m	2.967	ng/ul	96
41) 1,1'-Biphenyl	13.81	154	28119	3.299	ng/ul#	89
42) 2-Chloronaphthalene	13.86	162	22891	3.330	ng/ul	94
43) 2-Nitroaniline	14.06	65	4515	2.786	ng/ul#	85
45) Dimethylphthalate	14.41	163	33764	3.472	ng/ul#	98
46) 2,6-Dinitrotoluene	14.55	165	5905	3.025	ng/ul#	84
48) Acenaphthylene	14.70	152	38191	3.510	ng/ul	97
49) 3-Nitroaniline	14.88	138	4686	2.889	ng/ul	81
50) Acenaphthene	15.04	153	25329	3.399	ng/ul	95
51) 2,4-Dinitrophenol	15.09	184	2054	1.649	ng/ul#	70
53) 4-Nitrophenol	15.17	109	3765	2.903	ng/ul	94
54) Dibenzofuran	15.37	168	40058	3.536	ng/ul	95
55) 2,4-Dinitrotoluene	15.33	165	9413	3.229	ng/ul	100
56) 2,3,4,6-Tetrachlorophenol	15.60	232	8718	2.857	ng/ul#	93
57) Diethylphthalate	15.77	149	33419	3.274	ng/ul	96
59) Fluorene	16.02	166	33038	3.361	ng/ul	92
60) 4-Chlorophenyl-phenylether	16.00	204	19910	3.391	ng/ul	98
61) 4-Nitroaniline	16.04	138	6744m	3.500	ng/ul	98
64) 4,6-Dinitro-2-methylphenol	16.08	198	7743	3.296	ng/ul#	73
65) N-Nitrosodiphenylamine	16.21	169	28556	3.285	ng/ul	97
66) 4-Bromophenyl-phenylether	16.90	248	14707	3.322	ng/ul#	89
67) Hexachlorobenzene	17.02	284	16848	3.346	ng/ul	93
68) Atrazine	17.15	200	12332	2.974	ng/ul#	95
69) Pentachlorophenol	17.38	266	5317	2.023	ng/ul#	84
70) Phenanthrene	17.77	178	57411	3.354	ng/ul	96
72) Anthracene	17.86	178	61937	3.475	ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.78	216	15761	3.282	ng/ul	91
74) Pentachlorobenzene	15.29	250	24166	3.386	ng/ul	90
75) Carbazole	18.13	167	48362	3.313	ng/ul	96
76) Di-n-butylphthalate	18.65	149	51165	3.157	ng/ul	98
77) Fluoranthene	19.76	202	76422	3.493	ng/ul#	92
80) Pylene	20.13	202	85515	3.580	ng/ul#	90
81) Butylbenzylphthalate	21.00	149	20169	2.841	ng/ul#	93
82) 3,3'-Dichlorobenzidine	21.94	252	23323	2.770	ng/ul#	98
83) Benzo(a)anthracene	22.04	228	82620	3.380	ng/ul	97
84) Bis(2-ethylhexyl)phthalate	21.90	149	29450	2.836	ng/ul#	96
85) Chrysene	22.11	228	78373	3.505	ng/ul	96
87) Di-n-octyl phthalate	23.21	149	49933	2.739	ng/ul	100
88) Benzo(b)fluoranthene	24.45	252	84414	3.278	ng/ul	95
89) Benzo(k)fluoranthene	24.52	252	79945	3.184	ng/ul	99
91) Benzo(a)pyrene	25.41	252	81637	3.294	ng/ul#	94
92) Indeno(1,2,3-cd)pyrene	29.60	276	94063	3.128	ng/ul	96
93) Dibenzo(a,h)anthracene	29.66	278	77168	2.992	ng/ul#	90
94) Benzo(a,h,i)perylene	30.87	276	80427	3.226	ng/ul#	95

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