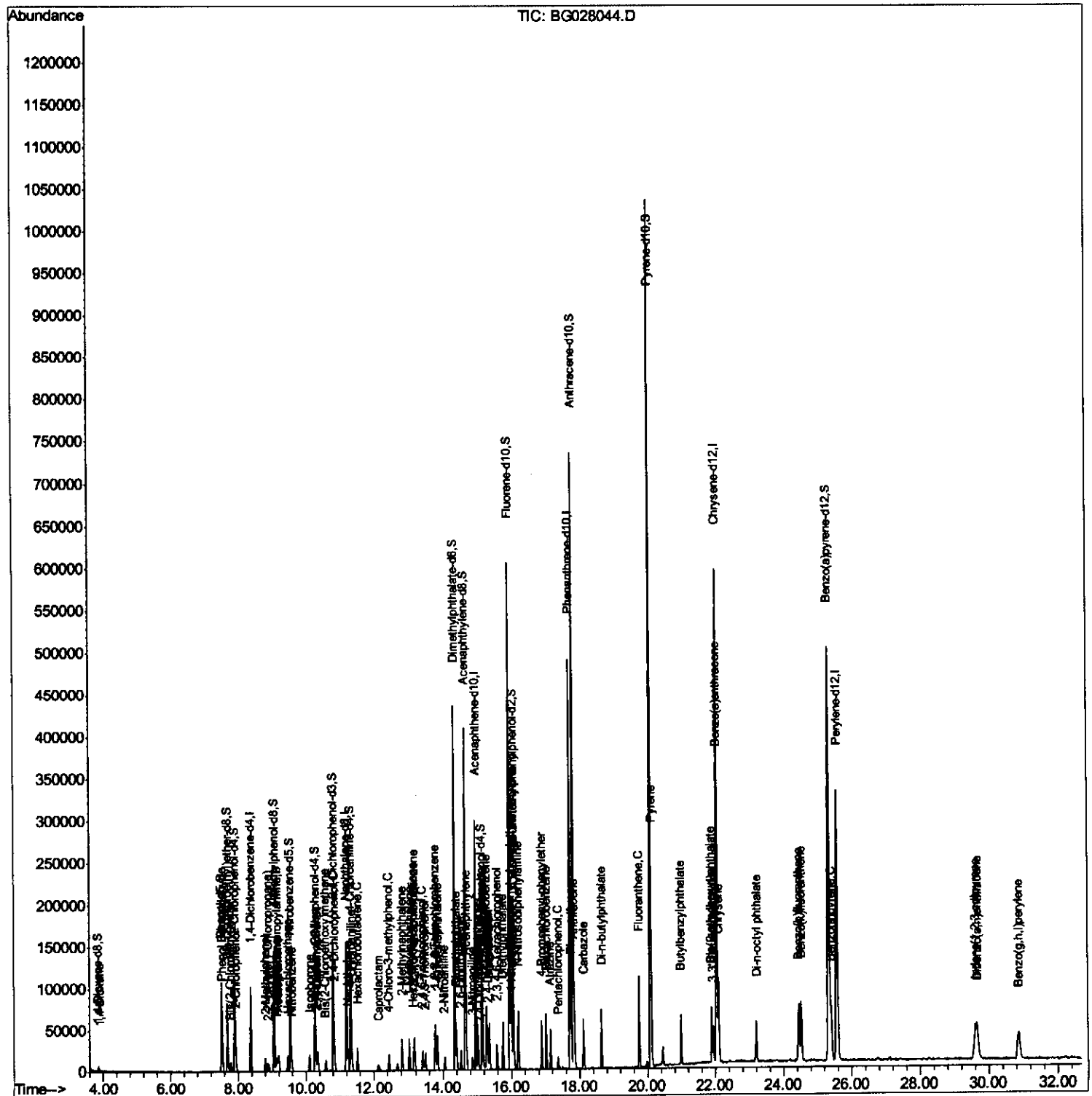


Instrument :
BNA_G
ClientSampleId :
MDL-S-07

Sohil
7/28/2017 4:46:05 PM

Quant Time: Jul 28 05:07:55 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



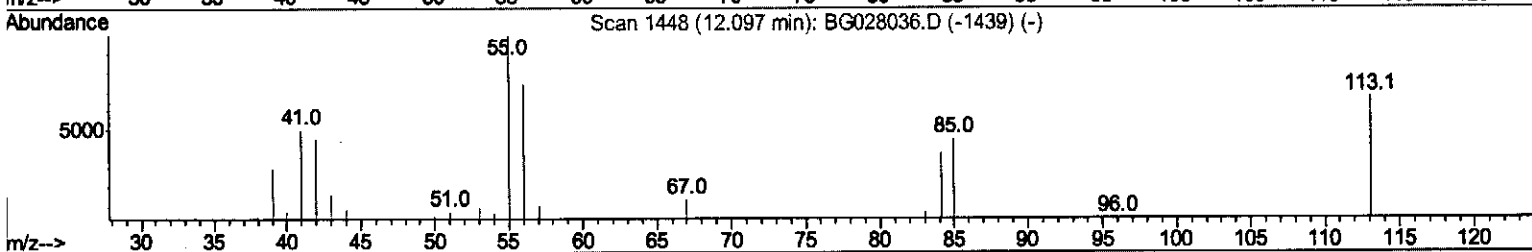
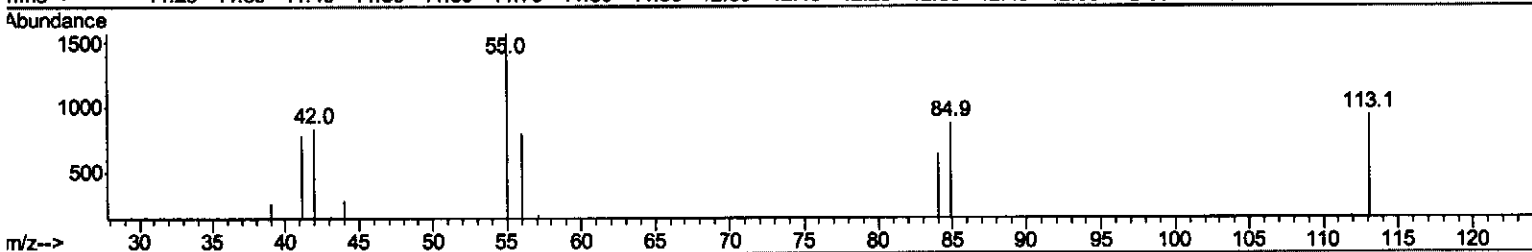
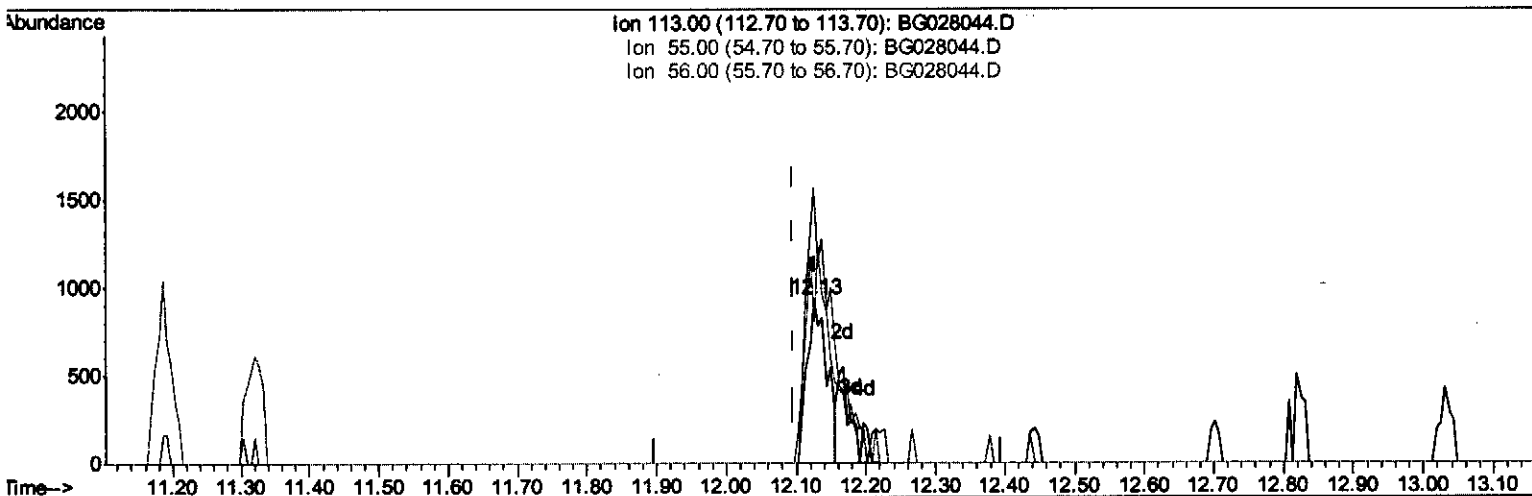
Data Path : Z:\HPCHEM1\BNA G\DATA\BG072717\
Data File : BG028044.D
Acq On : 28 Jul 2017 2:25
Operator : SJ/JU
Sample : MDL-S-07
Misc : 4 PPM
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampled :
MDL-S-07

Manual Integrations
APPROVED

Sohil
7/28/2017 4:46:05 PM

Quant Time: Jul 28 04:29:11 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



TIC: BG028044.D

(32) Caprolactam

12.126min (+0.029) 2.36ng/ul

response 1871

Ion	Exp%	Act%
113.00	100	100
55.00	164.60	168.49
56.00	115.90	86.28#
0.00	0.00	0.00

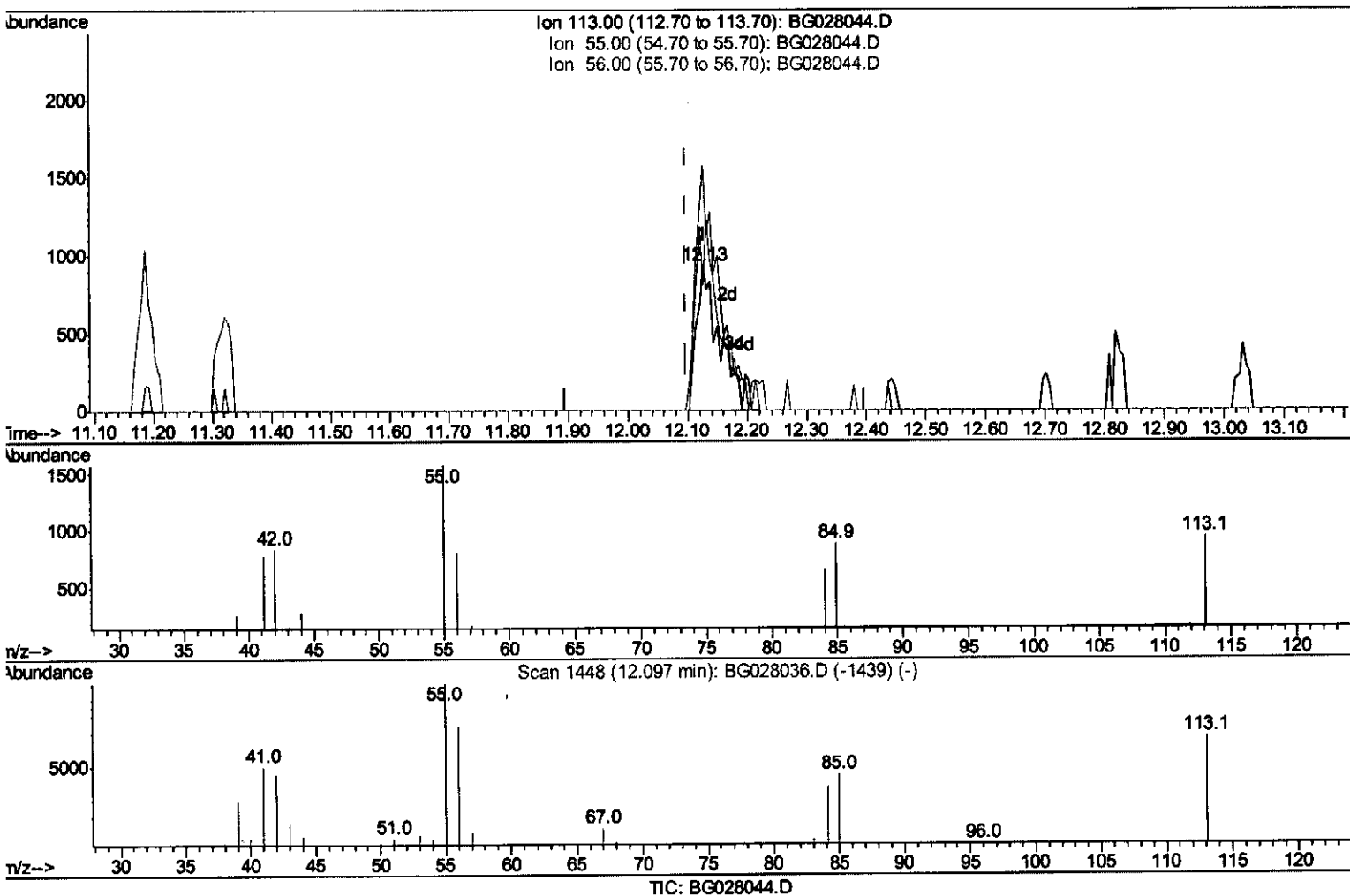
Data Path : Z:\HPCHEM1\BNA G\DATA\BG072717\
Data File : BG028044.D
Acq On : 28 Jul 2017 2:25
Operator : SJ/JU
Sample : MDL-S-07
Misc : 4 PPM
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MDL-S-07

Manual Integrations
APPROVED

Sohil
7/28/2017 4:46:05 PM

Quant Time: Jul 28 04:29:11 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



(32) Caprolactam

12.126min (+0.029) 3.32ng/ul m

response 2632

Ion	Exp%	Act%
113.00	100	100
55.00	164.60	168.49
56.00	115.90	86.28#
0.00	0.00	0.00

Quantitation Report (Qedit)

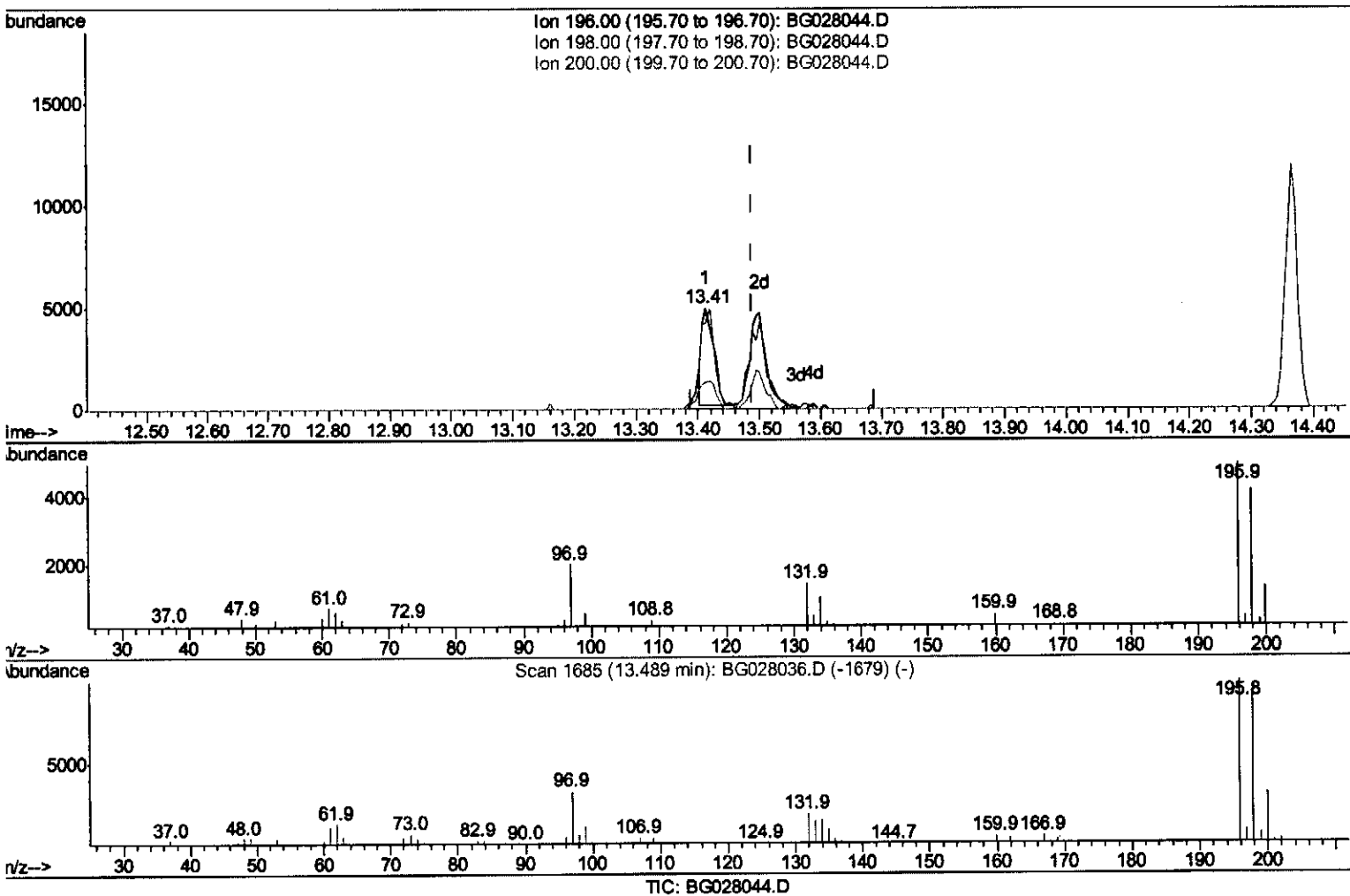
Data Path : Z:\HPCHEM1\BNA G\DATA\BG072717\
 Data File : BG028044.D
 Acq On : 28 Jul 2017 2:25
 Operator : SJ/JU
 Sample : MDL-S-07
 Misc : 4 PPM
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampled :
 MDL-S-07

Manual Integrations
 APPROVED

Sohil
 7/28/2017 4:46:05 PM

Quant Time: Jul 28 04:29:11 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



(40) 2,4,5-Trichlorophenol

13.412min (-0.077) 2.36ng/ul

response 6604

Ion	Exp%	Act%
196.00	100	100
198.00	93.40	84.30
200.00	31.70	26.30
0.00	0.00	0.00

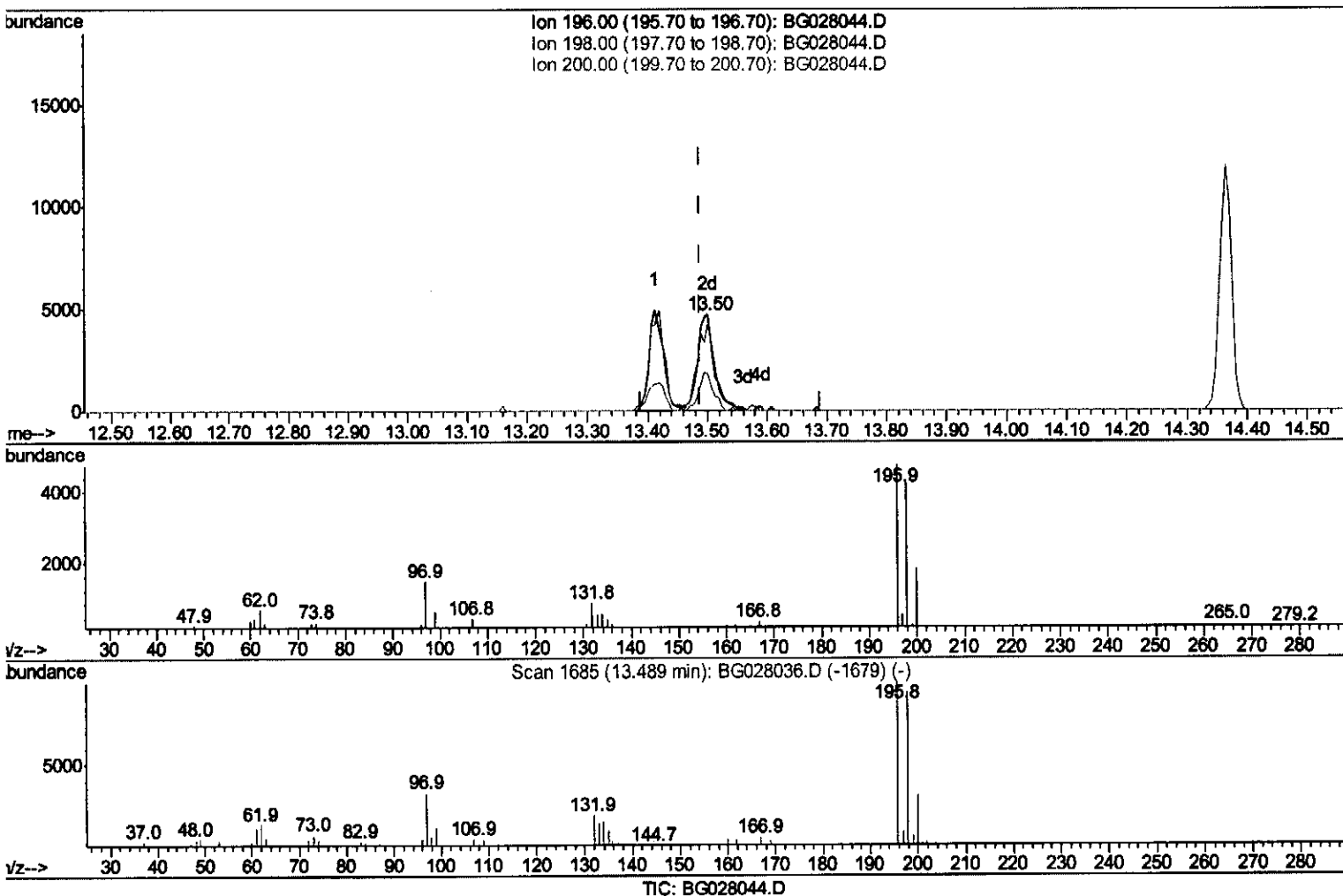
Data Path : Z:\HPCHEM1\BNA G\DATA\BG072717\
Data File : BG028044.D
Acq On : 28 Jul 2017 2:25
Operator : SJ/JU
Sample : MDL-S-07
Misc : 4 PPM
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampled :
MDL-S-07

Manual Integrations
APPROVED

Sohil
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Quant Time: Jul 28 04:29:11 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG072717MA.M
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Response via : Initial Calibration



(40) 2,4,5-Trichlorophenol

13.501min (+0.012) 3.29ng/ul m

response 9217

Ion	Exp%	Act%
196.00	100	100
198.00	93.40	89.22
200.00	31.70	38.36#
0.00	0.00	0.00

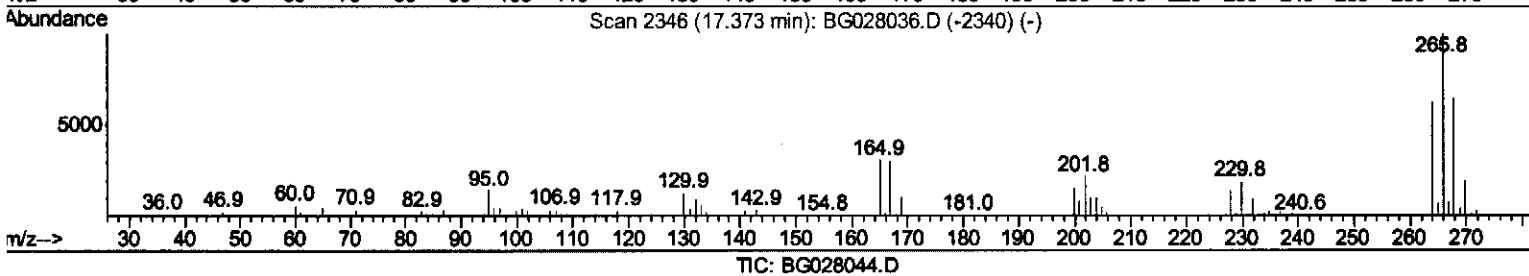
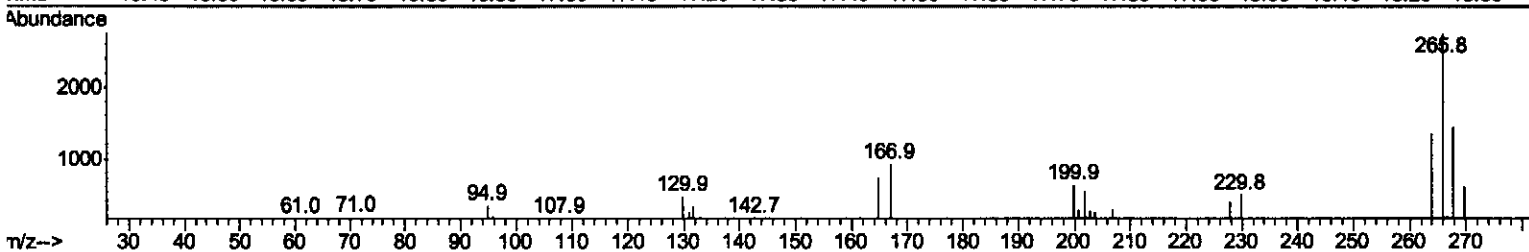
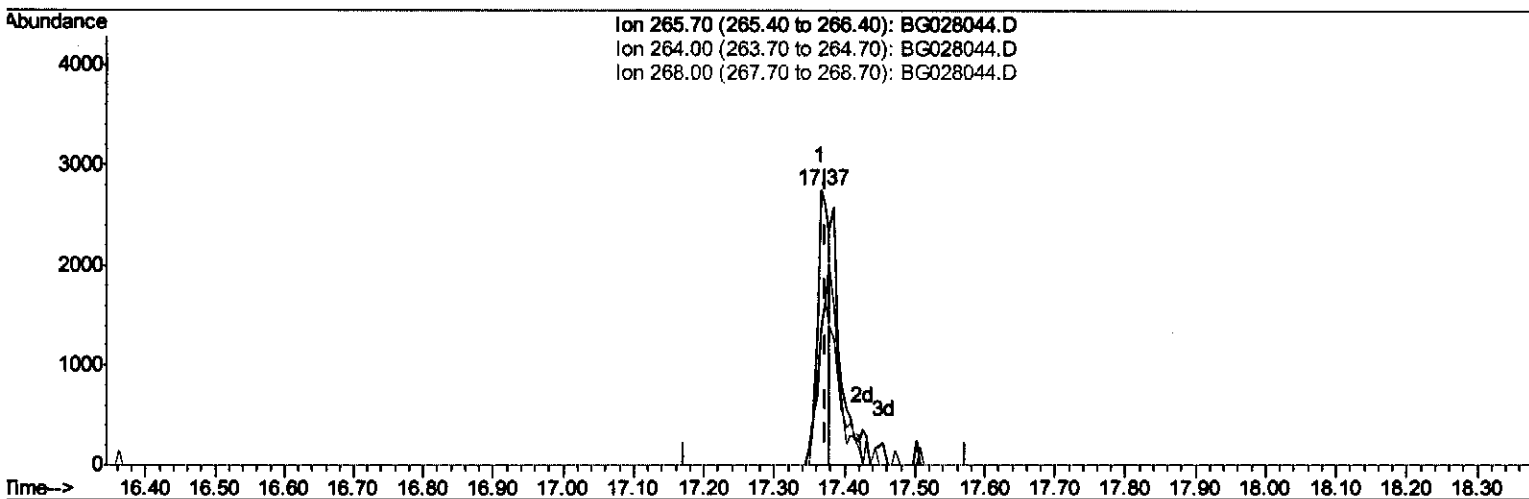
Data Path : Z:\HPCHEM1\BNA G\DATA\BG072717\
Data File : BG028044.D
Acq On : 28 Jul 2017 2:25
Operator : SJ/JU
Sample : MDL-S-07
Misc : 4 PPM
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MDL-S-07

Manual Integrations
APPROVED

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Quant Time: Jul 28 04:29:11 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



(69) Pentachlorophenol (C)

17.367min (-0.006) 1.31ng/ul

response 3417

Ion	Exp%	Act%
265.70	100	100
264.00	60.30	48.61
268.00	65.40	57.55
0.00	0.00	0.00

Quantitation Report (Qedit)

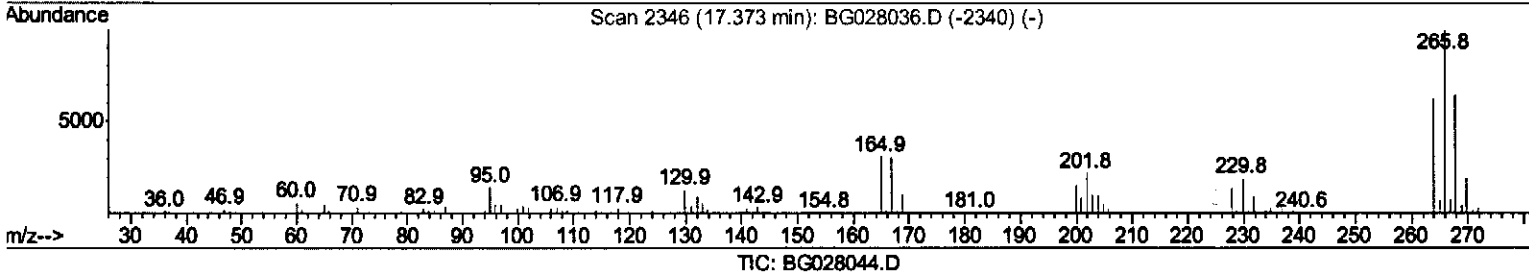
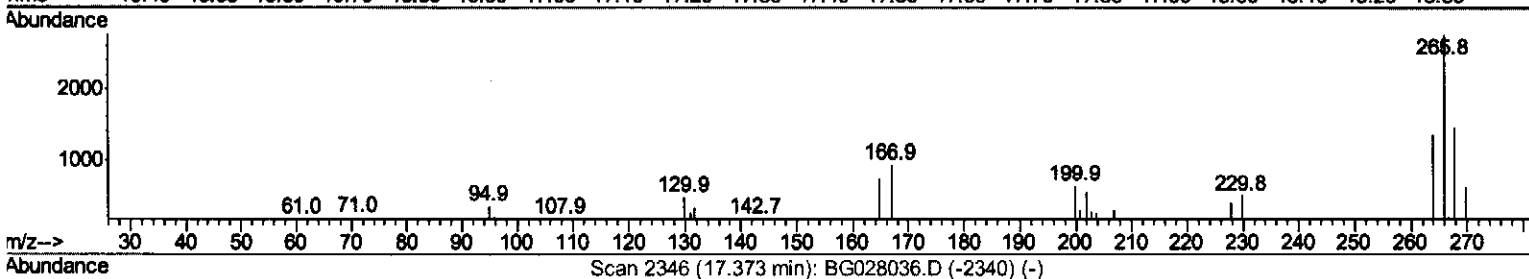
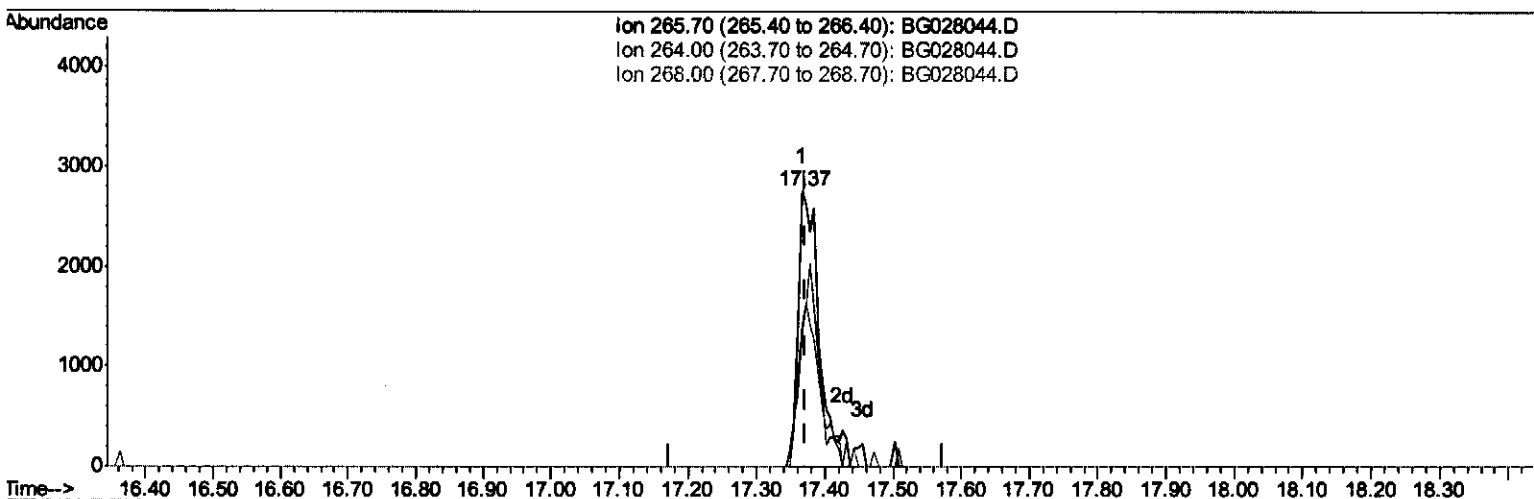
Data Path : Z:\HPCHEM1\BNA G\DATA\BG072717\
 Data File : BG028044.D
 Acq On : 28 Jul 2017 2:25
 Operator : SJ/JU
 Sample : MDL-S-07
 Misc : 4 PPM
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MDL-S-07

Manual Integrations
 APPROVED

Sohil
 7/28/2017 4:46:05 PM

Quant Time: Jul 28 04:29:11 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



(69) Pentachlorophenol (C)

17.367min (-0.006) 2.24ng/ul m

[Handwritten signature]

response 5829

Ion	Exp%	Act%
265.70	100	100
264.00	60.30	48.61
268.00	65.40	52.08#
0.00	0.00	0.00

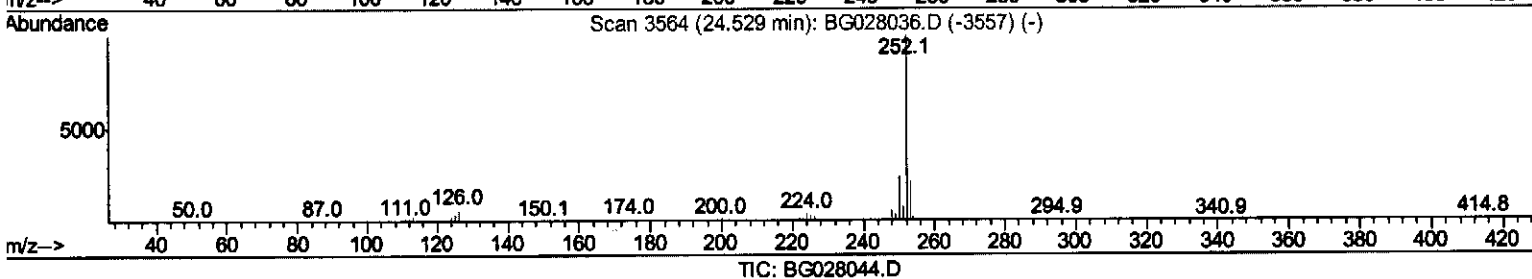
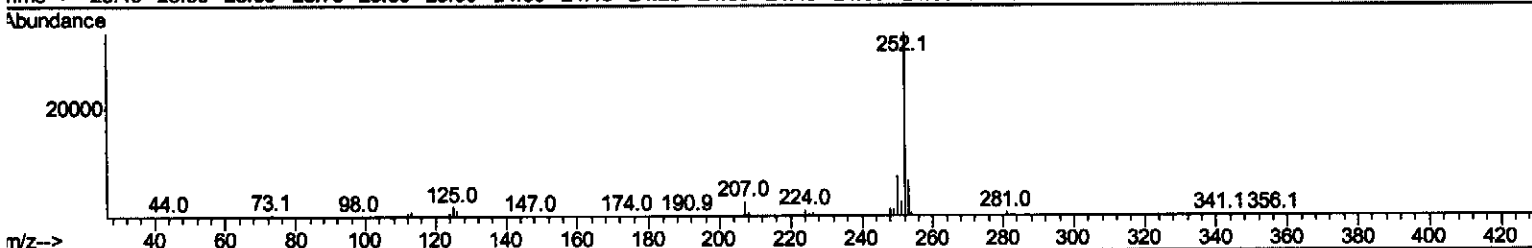
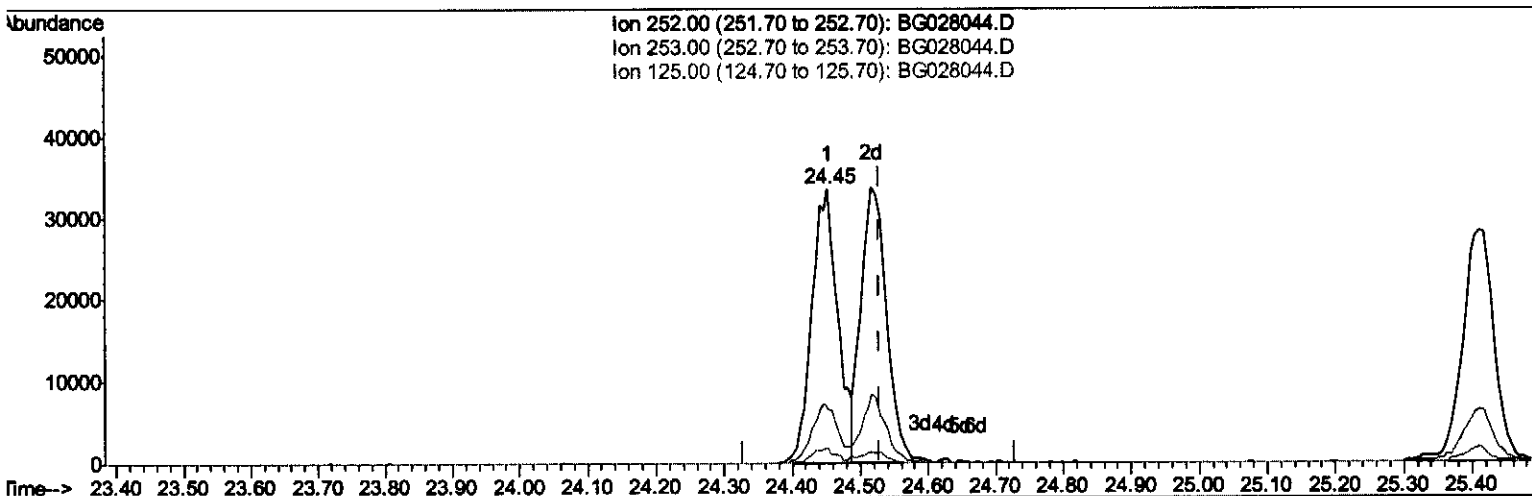
Data Path : Z:\HPCHEM1\BNA G\DATA\BG072717\
Data File : BG028044.D
Acq On : 28 Jul 2017 2:25
Operator : SJ/JU
Sample : MDL-S-07
Misc : 4 PPM
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MDL-S-07

Manual Integrations
APPROVED

Sohil
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG072717MA.M
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(89) Benzo(k)fluoranthene

24.452min (-0.077) 3.76ng/ui

response 90470

Ion	Exp%	Act%
252.00	100	100
253.00	21.40	19.59
125.00	6.70	5.68
0.00	0.00	0.00

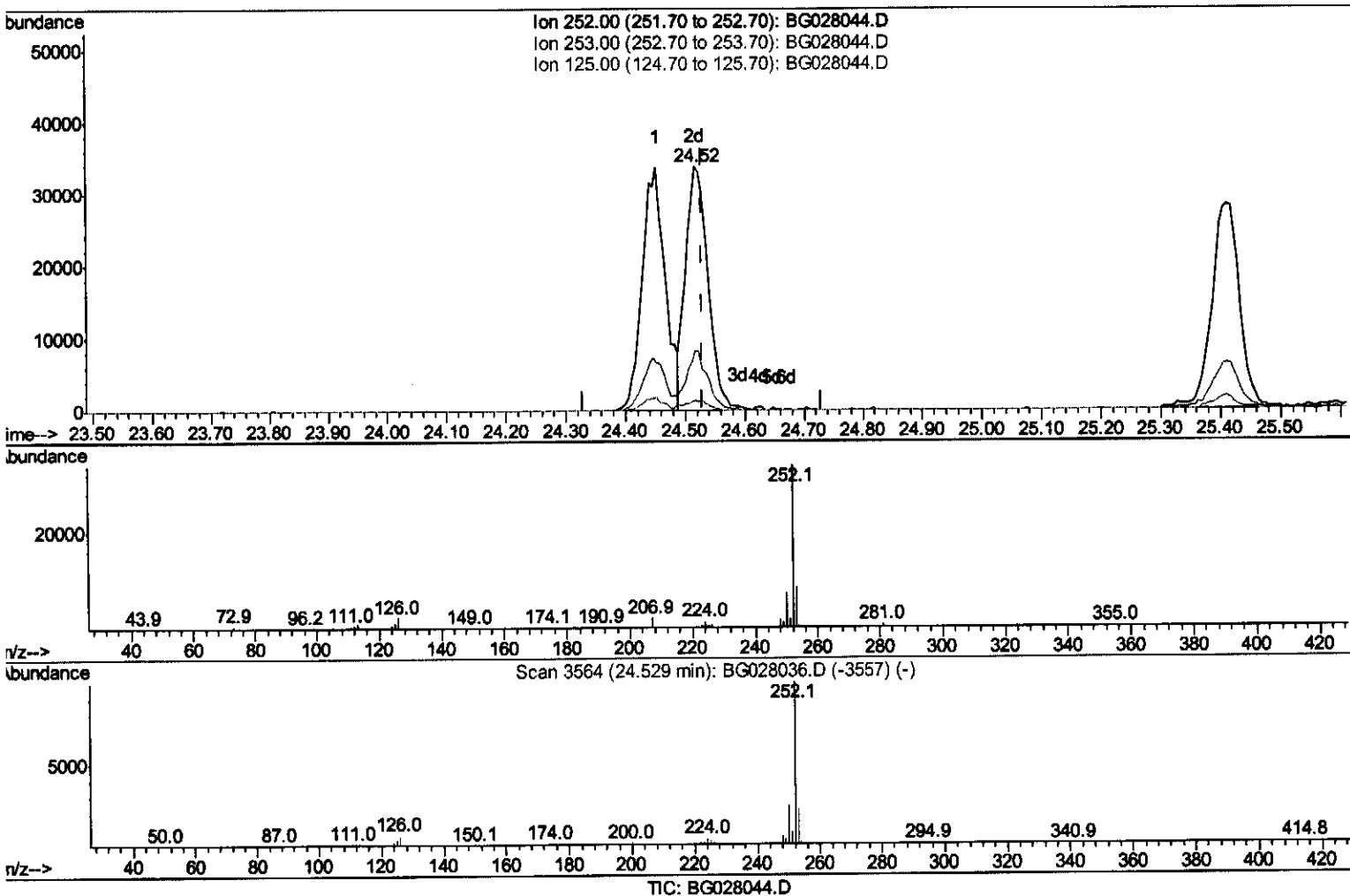
Data Path : Z:\HPCHEM1\BNA G\DATA\BG072717\
Data File : BG028044.D
Acq On : 28 Jul 2017 2:25
Operator : SJ/JU
Sample : MDL-S-07
Misc : 4 PPM
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampled :
MDL-S-07

Manual Integrations
APPROVED

Sohil
7/28/2017 4:46:05 PM

Quant Time: Jul 28 04:29:11 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



(89) Benzo(k)fluoranthene

24.517min (-0.012) 3.65ng/ul m

response 87639

Ion	Exp%	Act%
252.00	100	100
253.00	21.40	24.69
125.00	6.70	3.95#
0.00	0.00	0.00

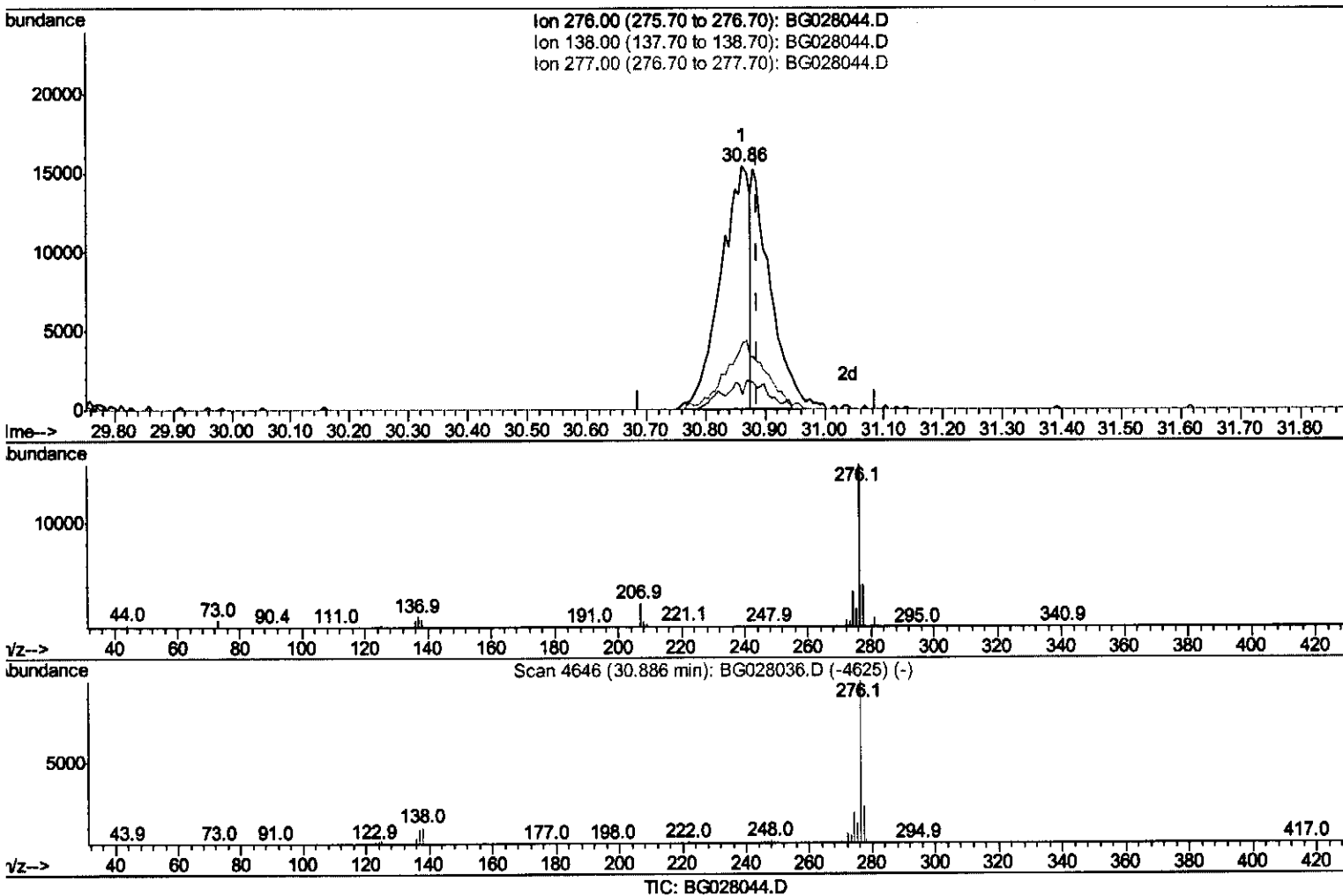
Data Path : Z:\HPCHEM1\BNA G\DATA\BG072717\
Data File : BG028044.D
Acq On : 28 Jul 2017 2:25
Operator : SJ/JU
Sample : MDL-S-07
Misc : 4 PPM
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampled :
MDL-S-07

Manual Integrations
APPROVED

Sohil
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Quant Time: Jul 28 04:29:11 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



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

30.863min (-0.024) 2.14ng/ul

response 51150

Ion	Exp%	Act%
276.00	100	100
138.00	14.00	5.77#
277.00	23.80	26.74
0.00	0.00	0.00

Quantitation Report (Qedit)

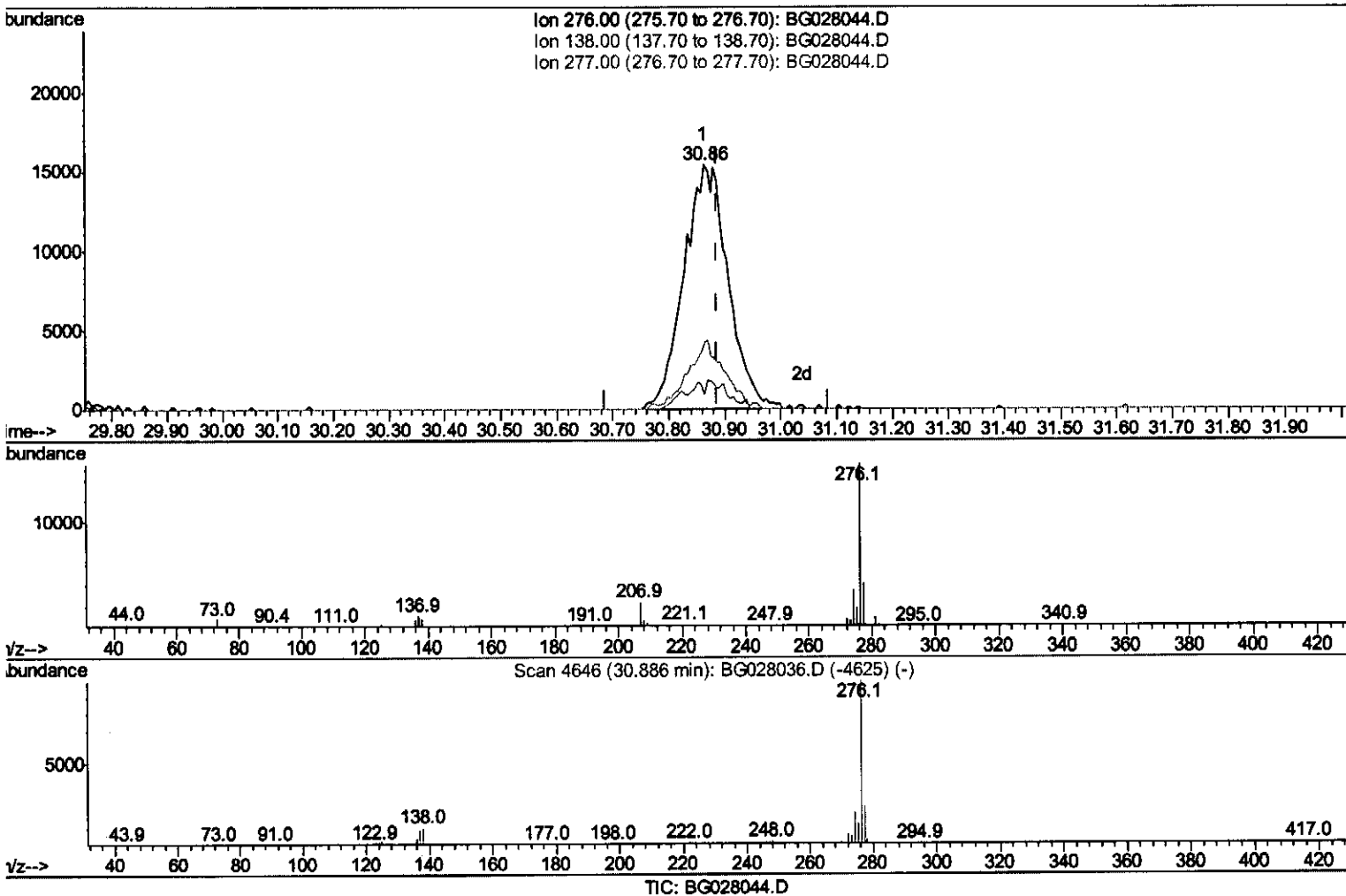
Data Path : Z:\HPCHEM1\BNA G\DATA\BG072717\
 Data File : BG028044.D
 Acq On : 28 Jul 2017 2:25
 Operator : SJ/JU
 Sample : MDL-S-07
 Misc : 4 PPM
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MDL-S-07

Manual Integrations
 APPROVED

Sohil
 7/28/2017 4:46:05 PM

Quant Time: Jul 28 04:29:11 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



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

30.863min (-0.024) 3.58ng/ul m

response 85397

Ion	Exp%	Act%
276.00	100	100
138.00	14.00	5.77#
277.00	23.80	26.74
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA G\DATA\BG072717\
 Data File : BG028044.D
 Acq On : 28 Jul 2017 2:25
 Operator : SJ/JU
 Sample : MDL-S-07
 Misc : 4 PPM
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampled :
 MDL-S-07

Manual Integrations
 APPROVED

Sohil
 7/28/2017 4:46:05 PM

Quant Time: Jul 28 05:07:55 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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.37	152	33835	20.00	ng/ul	0.00
18) Naphthalene-d8	11.19	136	147795	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.98	164	114628	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.73	188	340717	20.00	ng/ul	0.00
78) Chrysene-d12	22.06	240	447872	20.00	ng/ul	0.00
86) Perylene-d12	25.58	264	442868	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.85	96	3386	6.49	ng/uL	0.00
5) Phenol-d5	7.51	99	67134	26.26	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.68	67	37662	29.47	ng/ul	0.00
9) 2-Chlorophenol-d4	7.90	132	63499	29.47	ng/ul	0.00
13) 4-Methylphenol-d8	9.06	113	61714	27.05	ng/ul	0.00
19) Nitrobenzene-d5	9.53	128	30268	29.30	ng/ul	0.00
22) 2-Nitrophenol-d4	10.26	143	39631	30.12	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.80	165	73778	28.49	ng/ul	0.00
29) 4-Chloroaniline-d4	11.32	131	88616	33.93	ng/ul	0.00
44) Dimethylphthalate-d6	14.36	166	325396	31.37	ng/ul	0.00
47) Acenaphthylene-d8	14.67	160	333768	29.74	ng/ul	0.00
52) 4-Nitrophenol-d4	15.15	143	41378	26.55	ng/ul	0.00
58) Fluorene-d10	15.96	176	287604	30.10	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	16.07	200	62917	25.93	ng/ul	0.00
71) Anthracene-d10	17.82	188	491573	30.13	ng/ul	0.00
79) Pyrene-d10	20.10	212	617719	31.05	ng/ul	0.00
90) Benzo(a)pyrene-d12	25.33	264	616635	30.27	ng/ul	0.00

Target Compounds

				Ovalue	
2) 1,4-Dioxane	3.89	88	783	1.399 ng/uL#	86
4) Benzaldehyde	7.52	77	919	0.727 ng/ul#	75
6) Phenol	7.53	94	7809	3.150 ng/ul#	81
8) Bis(2-Chloroethyl)ether	7.77	93	6153	3.507 ng/ul	89
10) 2-Chlorophenol	7.93	128	7025	3.540 ng/ul	93
11) 2-Methylphenol	8.79	108	6753	3.494 ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.88	45	8032	3.487 ng/ul#	92
14) Acetophenone	9.19	105	12178	3.674 ng/ul	86
15) N-Nitroso-di-n-propylamine	9.16	70	5053	3.248 ng/ul#	93
16) 4-Methylphenol	9.12	108	7197	3.357 ng/ul	87
17) Hexachloroethane	9.46	117	2812	3.542 ng/ul#	61
20) Nitrobenzene	9.58	77	8284	3.734 ng/ul#	89
21) Isophorone	10.09	82	15456	3.646 ng/ul#	91
23) 2-Nitrophenol	10.29	139	5260	4.149 ng/ul#	76
24) 2,4-Dimethylphenol	10.33	107	9079	3.580 ng/ul	90
25) Bis(2-Chloroethoxy)methane	10.56	93	8699	3.533 ng/ul#	93
27) 2,4-Dichlorophenol	10.83	162	9493	3.847 ng/ul#	91
28) Naphthalene	11.24	128	25738	3.858 ng/ul#	95
30) 4-Chloroaniline	11.34	127	5904	2.375 ng/ul#	61
31) Hexachlorobutadiene	11.51	225	8095	3.792 ng/ul	97
32) Caprolactam	12.13	113	2632m	3.323 ng/ul	92
33) 4-Chloro-3-methylphenol	12.44	107	8106	3.371 ng/ul	92
34) 2-Methylnaphthalene	12.82	142	21260	3.693 ng/ul	89

7/28/17

Instrument :
BNA_G
ClientSampleId :
MDL-S-07

Sohil
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83
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Data Path : Z:\HPCHEM1\BNA G\DATA\BG072717\
Data File : BG028044.D
Acq On : 28 Jul 2017 2:25
Operator : SJ/JU
Sample : MDL-S-07
Misc : 4 PPM
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Instrument :
BNA_G
ClientSampled :
MDL-S-07

Manual Integrations
APPROVED

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7/28/2017 4:46:05 PM

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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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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