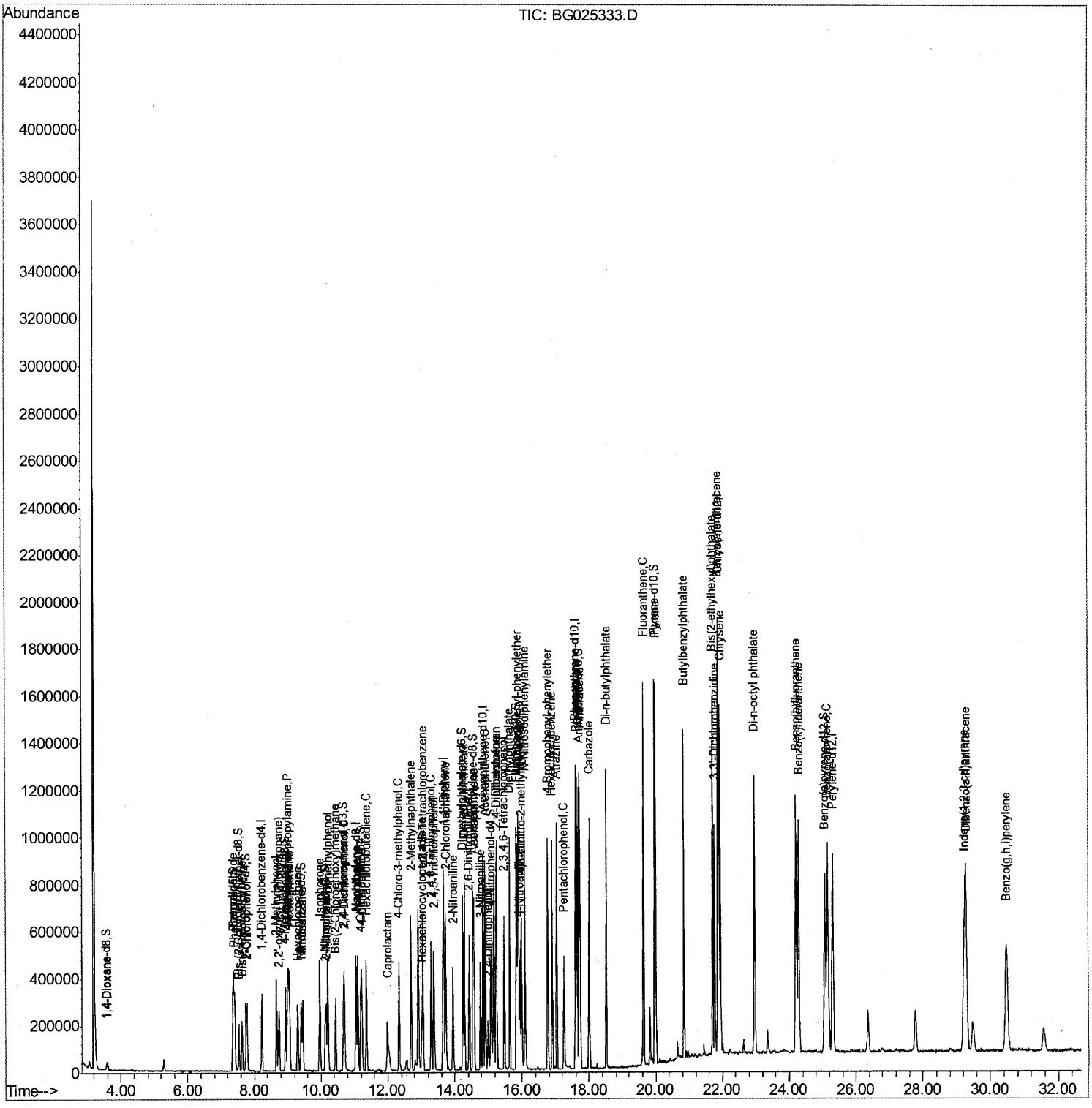
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121916\
Data File : BG025333.D
Acq On : 20 Dec 2016 1:00
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 20 03:03:56 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 20 02:21:52 2016
Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
SSTD02024

Manual Integrations APPROVED
sohil
12/20/2016 6:29:53 PM



Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121916\
Data File : BG025333.D
Acq On : 20 Dec 2016 1:00
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 20 02:28:07 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 20 02:21:52 2016
Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
SSTD02024

Manual Integrations APPROVED
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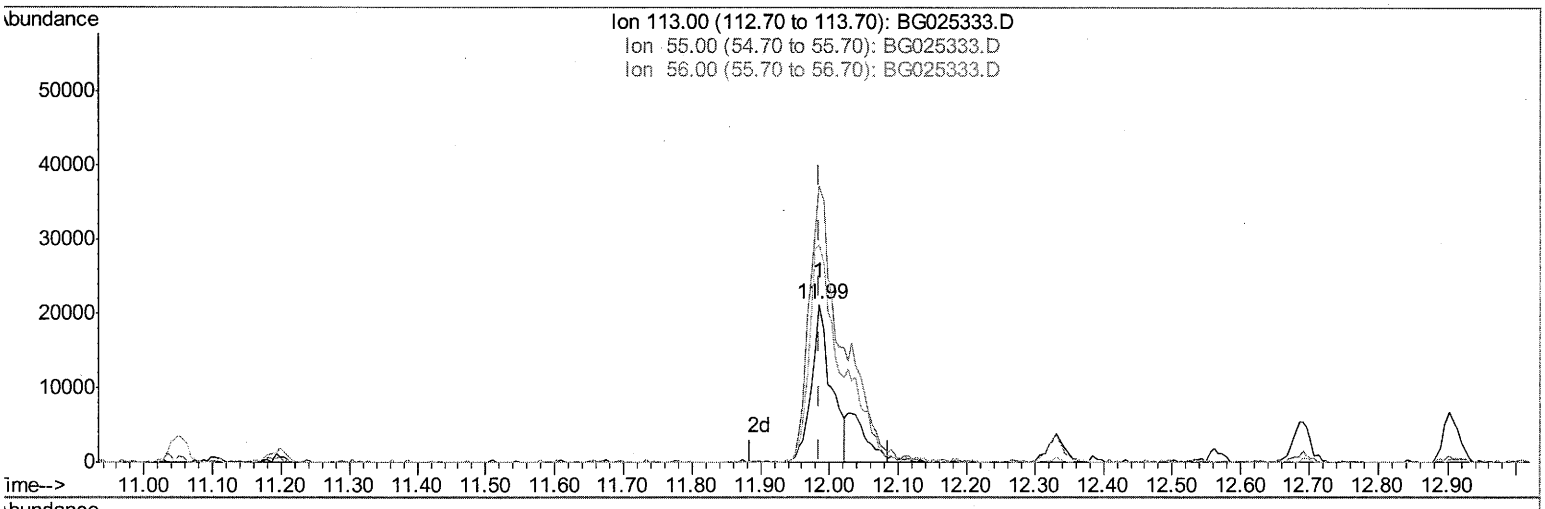

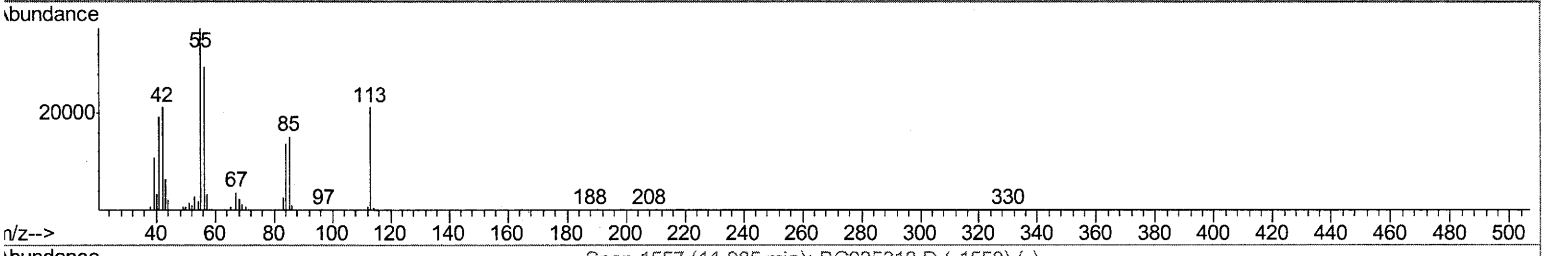

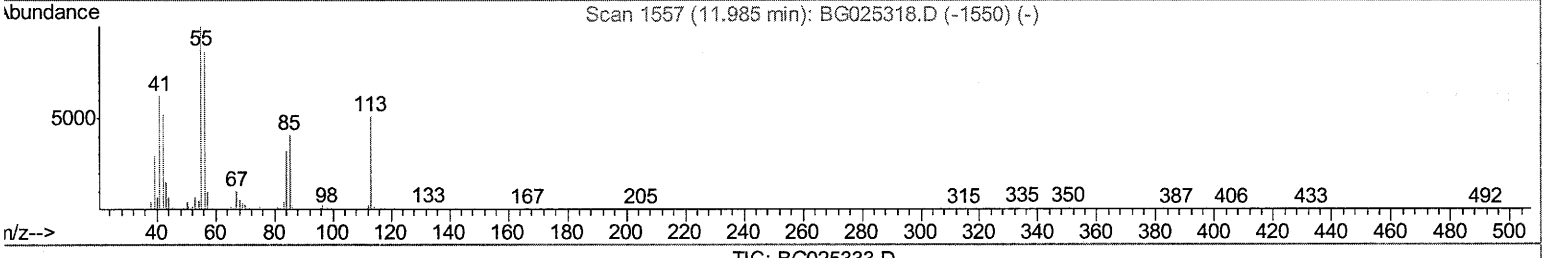

TIC: BG025333.D

(32) Caprolactam

11.985min (-0.000) 16.13ng/ul

response 42179

Ion	Exp%	Act%
113.00	100	100
55.00	210.70	175.84
56.00	160.60	138.60
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121916\
Data File : BG025333.D
Acq On : 20 Dec 2016 1:00
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 20 02:28:07 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 20 02:21:52 2016
Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
SSTD02024

Manual Integrations APPROVED
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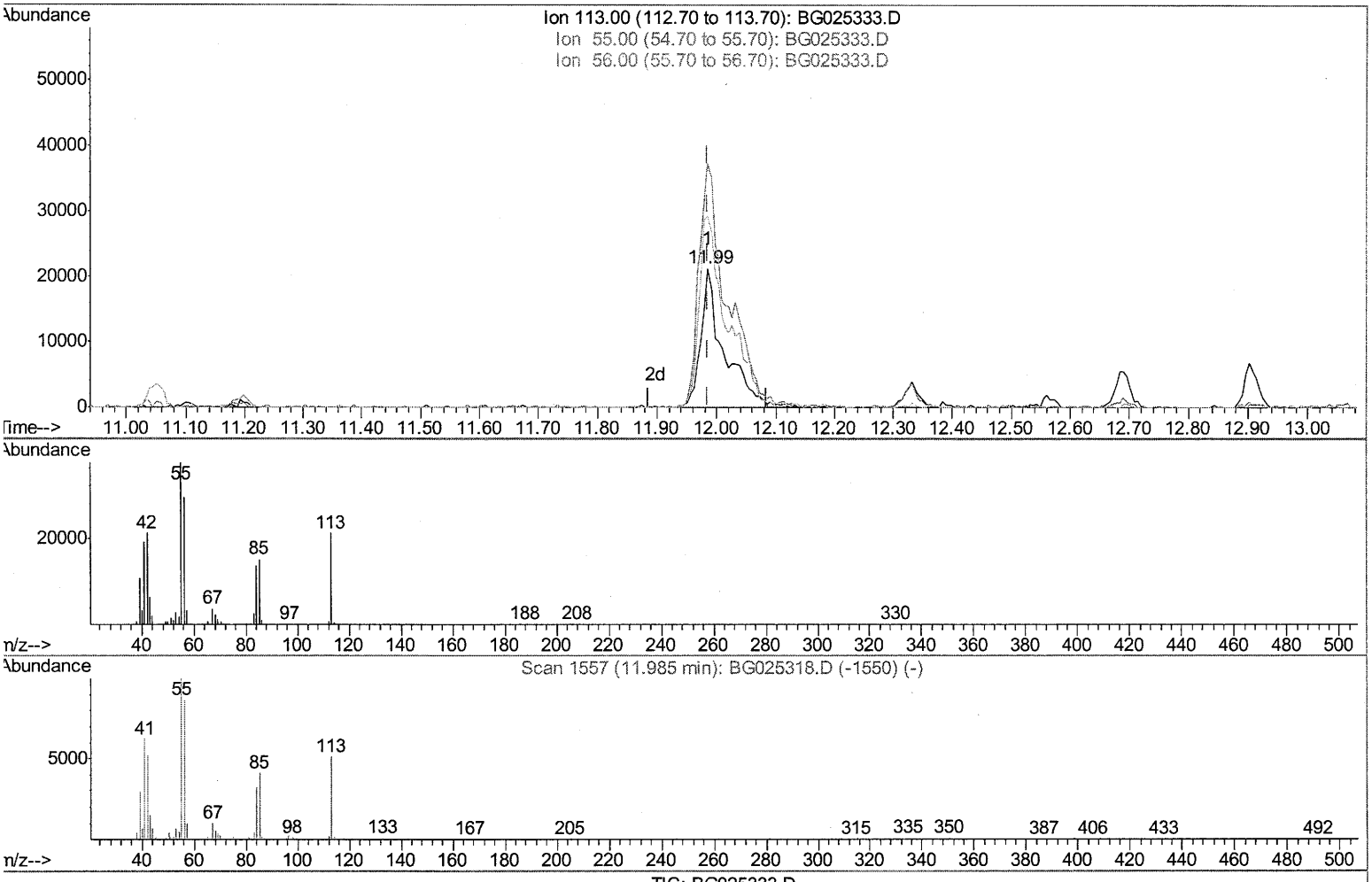

TIC: BG025333.D

(32) Caprolactam

11.985min (-0.000) 21.28ng/ul m

response 55650

UM 12/20/16

Ion	Exp%	Act%
113.00	100	100
55.00	210.70	175.84
56.00	160.60	138.60
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121916\
Data File : BG025333.D
Acq On : 20 Dec 2016 1:00
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 20 02:28:07 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 20 02:21:52 2016
Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
SSTD02024

Manual Integrations APPROVED
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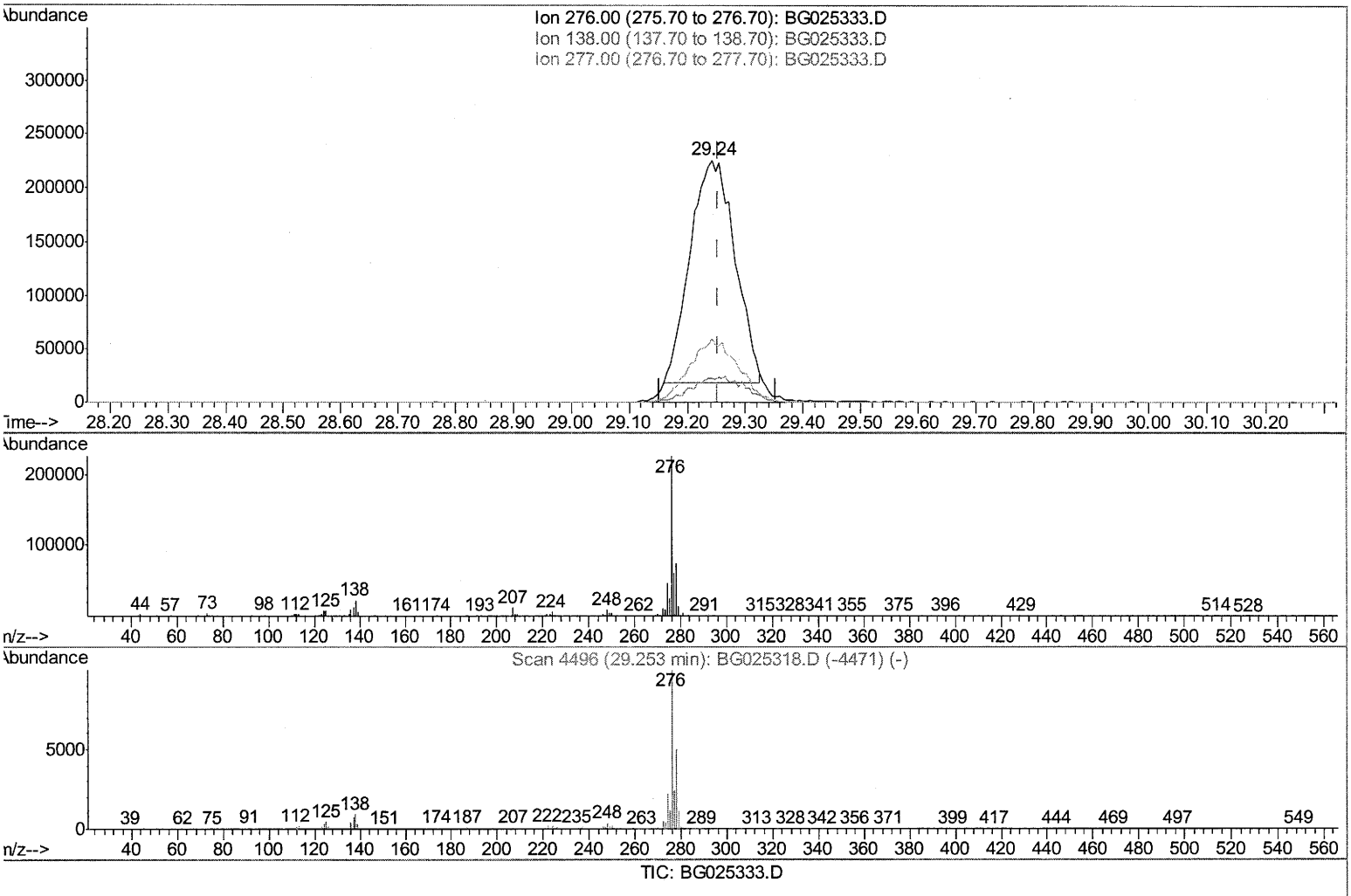

TIC: BG025333.D

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

29.242min (-0.012) 18.13ng/ul

response 1113979

Ion	Exp%	Act%
276.00	100	100
138.00	10.30	9.84
277.00	23.30	26.48
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121916\
Data File : BG025333.D
Acq On : 20 Dec 2016 1:00
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 20 02:28:07 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 20 02:21:52 2016
Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
SSTD02024

Manual Integrations APPROVED
sohil
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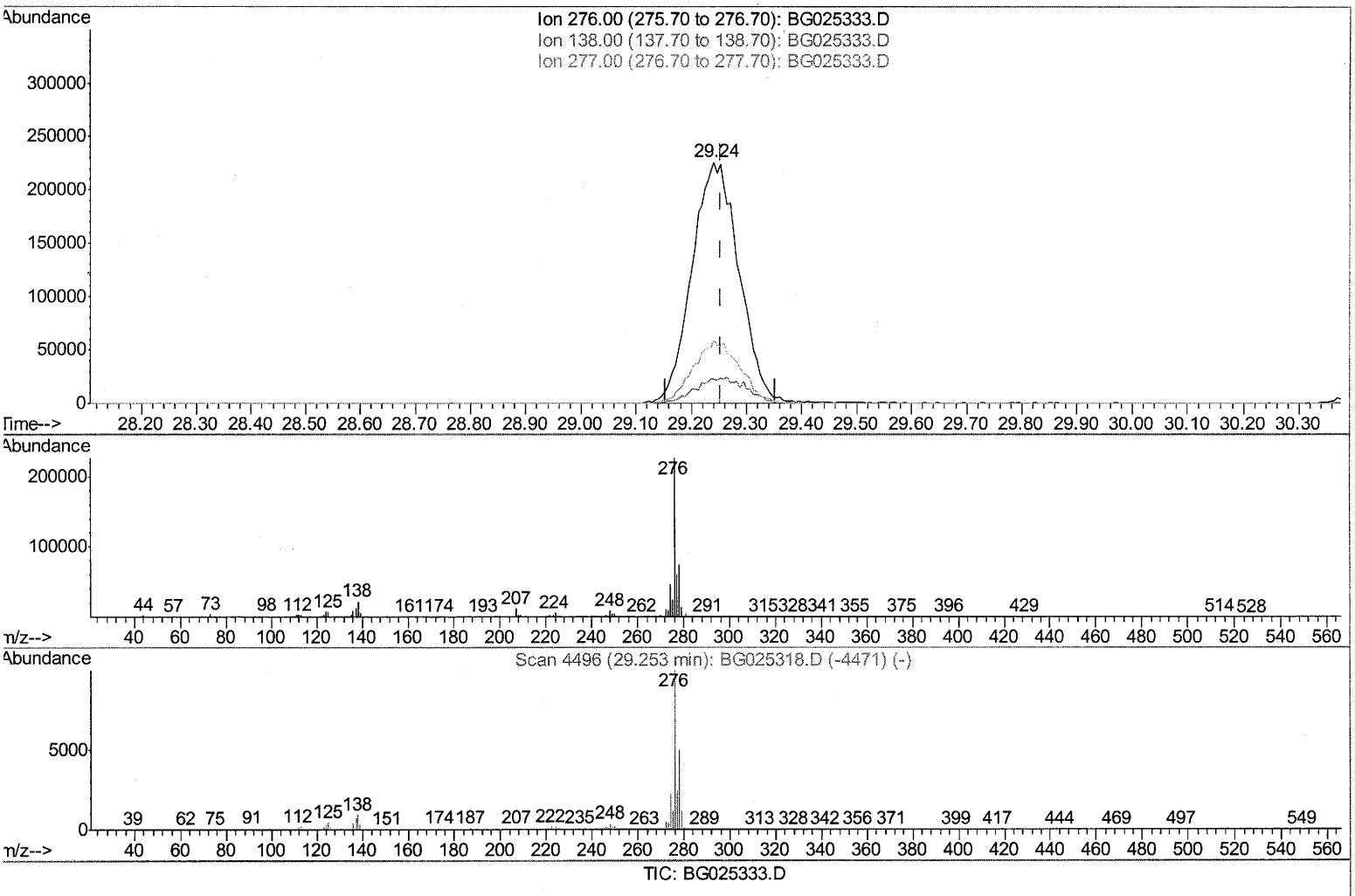

TIC: BG025333.D

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

29.242min (-0.012) 21.71ng/ul m

response 1333900

Ion	Exp%	Act%
276.00	100	100
138.00	10.30	9.84
277.00	23.30	26.48
0.00	0.00	0.00

12/20/16

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121916\
Data File : BG025333.D
Acq On : 20 Dec 2016 1:00
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 20 02:28:07 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 20 02:21:52 2016
Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
SSTD02024

Manual Integrations APPROVED
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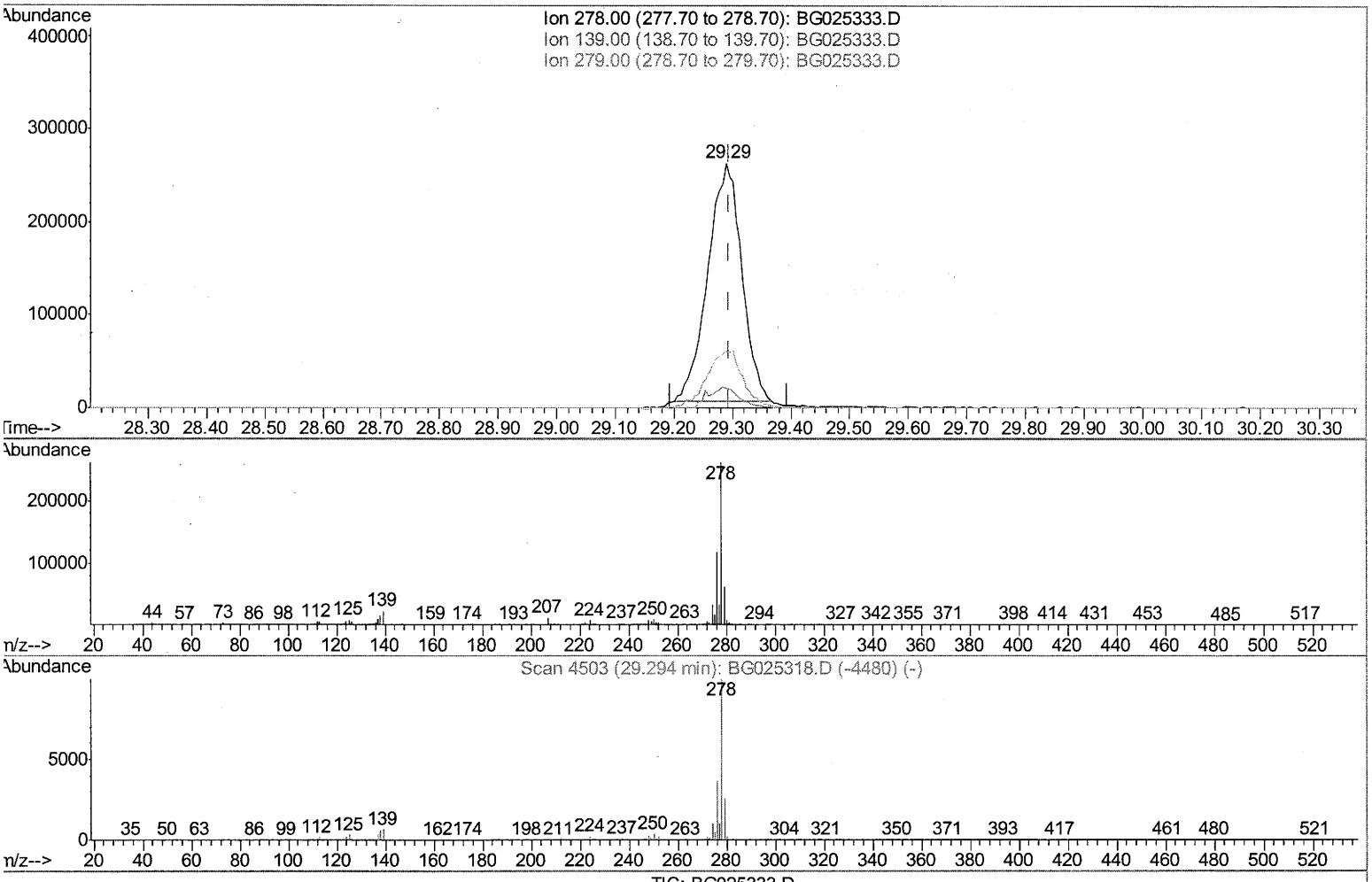

TIC: BG025333.D

(90) Dibenzo(a,h)anthracene

29.289min (-0.006) 19.98ng/ul

response 1033929

Ion	Exp%	Act%
278.00	100	100
139.00	8.40	8.36
279.00	26.10	23.22
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121916\
Data File : BG025333.D
Acq On : 20 Dec 2016 1:00
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 20 02:28:07 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 20 02:21:52 2016
Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
SSTD02024

Manual Integrations APPROVED
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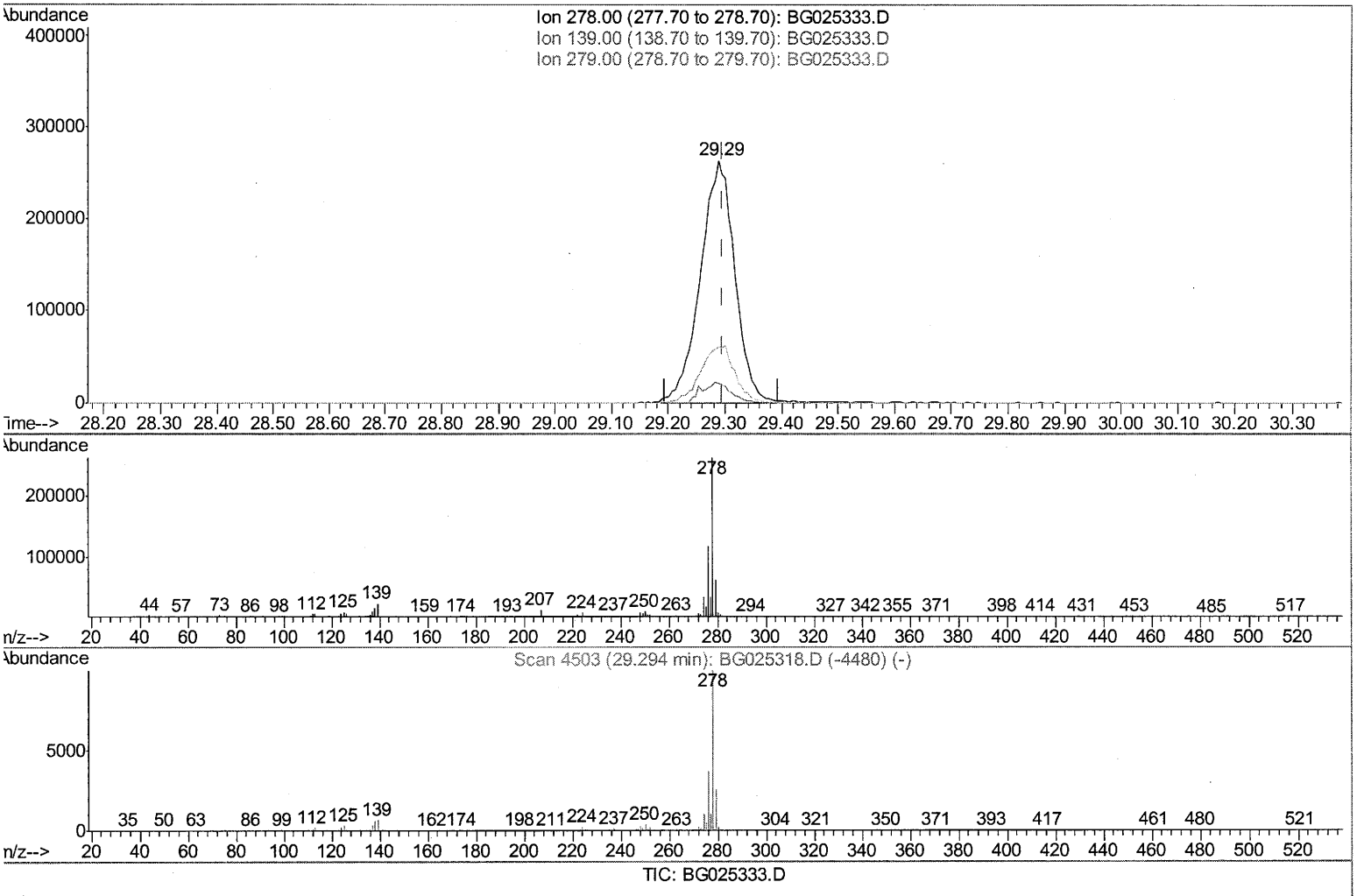

(90) Dibenzo(a,h)anthracene

29.289min (-0.006) 21.57ng/ul m

response 1116580

Ion	Exp%	Act%
278.00	100	100
139.00	8.40	8.36
279.00	26.10	23.22
0.00	0.00	0.00

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12/20/16

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121916\
Data File : BG025333.D
Acq On : 20 Dec 2016 1:00
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 20 02:28:07 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 20 02:21:52 2016
Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
SSTD02024

Manual Integrations APPROVED
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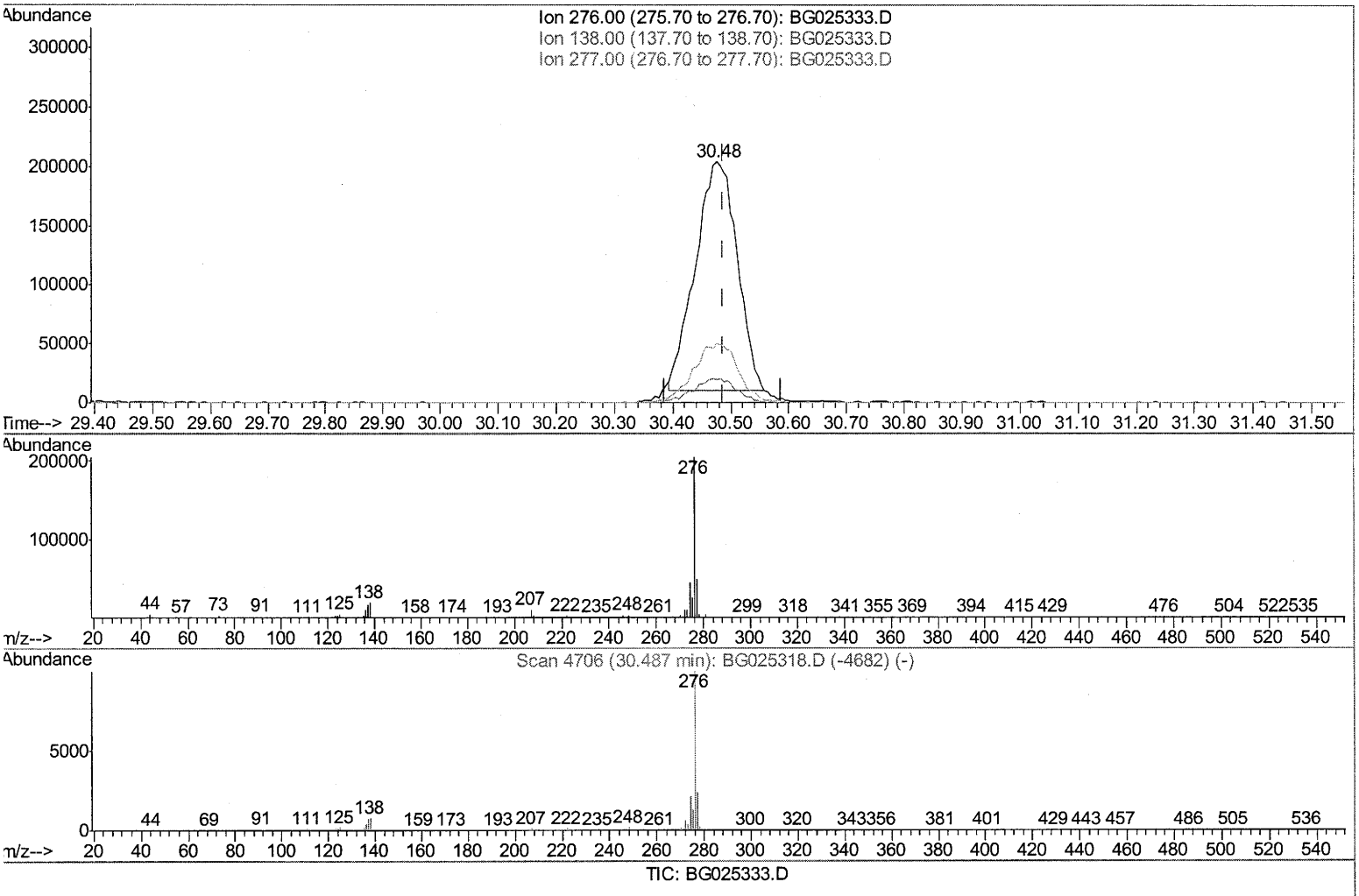
12/20/2016 6:29:53 PM



TIC: BG025333.D

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

30.475min (-0.012) 18.90ng/ul

response 969086

Ion	Exp%	Act%
276.00	100	100
138.00	10.70	9.43
277.00	22.00	24.39
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121916\
Data File : BG025333.D
Acq On : 20 Dec 2016 1:00
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 20 02:28:07 2016
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Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
SSTD02024

Manual Integrations APPROVED
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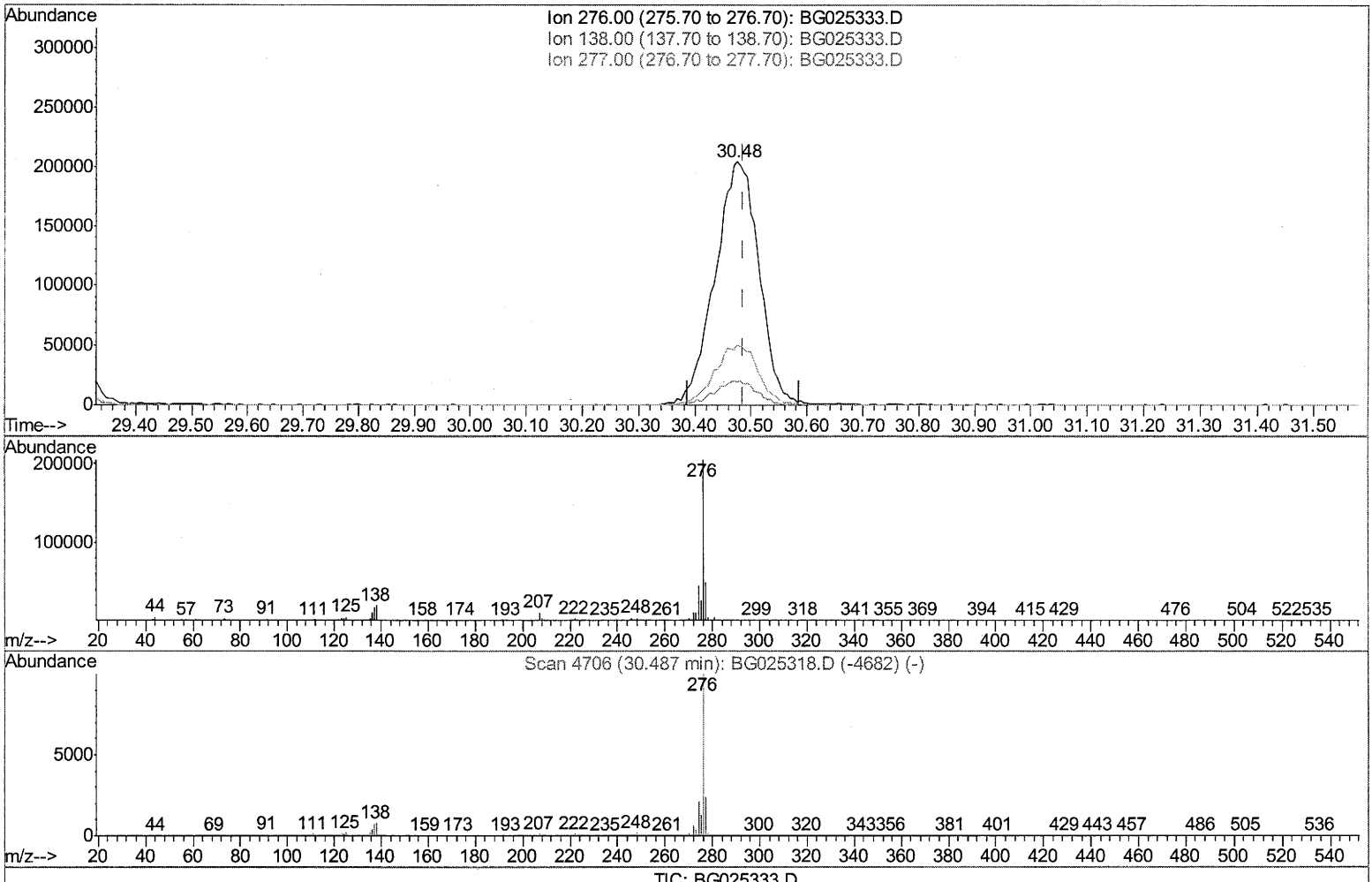
12/20/2016 6:29:53 PM



TIC: BG025333.D

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

30.475min (-0.012) 21.44ng/ul m

response 1099232

Ion	Exp%	Act%
276.00	100	100
138.00	10.70	9.43
277.00	22.00	24.39
0.00	0.00	0.00

UM 12/20/16

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121916\
Data File : BG025333.D
Acq On : 20 Dec 2016 1:00
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 20 03:03:56 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 20 02:21:52 2016
Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
SSTD02024

Manual Integrations APPROVED
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12/20/2016 6:29:53 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.23	152	87303	20.00	ng/ul	0.00
18) Naphthalene-d8	11.05	136	382050	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.85	164	326442	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.59	188	769038	20.00	ng/ul	0.00
75) Chrysene-d12	21.89	240	1010907	20.00	ng/ul	0.00
83) Perylene-d12	25.30	264	1036704	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.57	96	11501	6.80	ng/uL	0.00
5) Phenol-d5	7.38	99	158696	21.07	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.54	67	99864	21.43	ng/ul	0.00
9) 2-Chlorophenol-d4	7.75	132	112450	21.35	ng/ul	0.00
13) 4-Methylphenol-d8	8.94	113	131253	20.85	ng/ul	0.00
19) Nitrobenzene-d5	9.41	128	59773	22.09	ng/ul	0.00
22) 2-Nitrophenol-d4	10.13	143	72923	21.62	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.67	165	140672	21.69	ng/ul	0.00
29) 4-Chloroaniline-d4	11.19	131	161711	25.37	ng/ul	0.00
43) Dimethylphthalate-d6	14.24	166	488392	21.75	ng/ul	0.00
46) Acenaphthylene-d8	14.55	160	530139	21.55	ng/ul	0.00
51) 4-Nitrophenol-d4	15.07	143	68788	17.83	ng/ul	0.00
57) Fluorene-d10	15.83	176	452322	21.40	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.97	200	94118	19.79	ng/ul	0.00
70) Anthracene-d10	17.69	188	692703	21.34	ng/ul	0.00
76) Pyrene-d10	19.96	212	877916	21.08	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.06	264	934292	22.24	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.61	88	14423	6.55	ng/uL	96
4) Benzaldehyde	7.36	77	125254	22.09	ng/ul	91
6) Phenol	7.41	94	168506	21.80	ng/ul	96
8) Bis(2-Chloroethyl)ether	7.63	93	116907	20.67	ng/ul	96
10) 2-Chlorophenol	7.78	128	108372	20.47	ng/ul	96
11) 2-Methylphenol	8.67	108	120472	21.17	ng/ul	91
12) 2,2'-oxybis(1-Chloropropan	8.74	45	221094	22.98	ng/ul	97
14) Acetophenone	9.05	105	207511	21.66	ng/ul	97
15) N-Nitroso-di-n-propylamine	9.02	70	124906	22.58	ng/ul#	92
16) 4-Methylphenol	9.00	108	136867	21.61	ng/ul	93
17) Hexachloroethane	9.31	117	51644	22.02	ng/ul	85
20) Nitrobenzene	9.45	77	185502	22.31	ng/ul	98
21) Isophorone	9.96	82	345521	21.96	ng/ul	97
23) 2-Nitrophenol	10.16	139	71058	20.77	ng/ul	99
24) 2,4-Dimethylphenol	10.21	107	167669	21.43	ng/ul	95
25) Bis(2-Chloroethoxy)methane	10.43	93	172507	21.52	ng/ul	95
27) 2,4-Dichlorophenol	10.70	162	138939	22.06	ng/ul	94
28) Naphthalene	11.10	128	379557	21.37	ng/ul	98
30) 4-Chloroaniline	11.22	127	159586	24.49	ng/ul	89
31) Hexachlorobutadiene	11.36	225	118579	21.90	ng/ul	95
32) Caprolactam	11.99	113	55650m	21.28	ng/ul	
33) 4-Chloro-3-methylphenol	12.33	107	164083	21.14	ng/ul	97
34) 2-Methylnaphthalene	12.68	142	294979	21.05	ng/ul	99

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Quantitation Report (QT Reviewed)

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Quant Time: Dec 20 03:03:56 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 20 02:21:52 2016
Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
SSTD02024

Manual Integrations APPROVED
sohil
12/20/2016 6:29:53 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.05	216	219374	22.30	ng/ul	92
37) Hexachlorocyclopentadiene	13.01	237	81266	14.07	ng/ul	96
38) 2,4,6-Trichlorophenol	13.30	196	132766	21.48	ng/ul#	86
39) 2,4,5-Trichlorophenol	13.38	196	142355	21.01	ng/ul	98
40) 1,1'-Biphenyl	13.68	154	430131	21.73	ng/ul	98
41) 2-Chloronaphthalene	13.74	162	333849	21.19	ng/ul	97
42) 2-Nitroaniline	13.95	65	145070	23.52	ng/ul	92
44) Dimethylphthalate	14.29	163	474496	21.50	ng/ul	98
45) 2,6-Dinitrotoluene	14.43	165	103706	21.87	ng/ul#	89
47) Acenaphthylene	14.58	152	503289	21.05	ng/ul	97
48) 3-Nitroaniline	14.77	138	91577	22.30	ng/ul#	75
49) Acenaphthene	14.91	153	362806	22.15	ng/ul	98
50) 2,4-Dinitrophenol	14.99	184	51215	16.62	ng/ul#	83
52) 4-Nitrophenol	15.09	109	88366	19.04	ng/ul	95
53) Dibenzofuran	15.24	168	563009	21.73	ng/ul	99
54) 2,4-Dinitrotoluene	15.22	165	151628	21.22	ng/ul	98
55) 2,3,4,6-Tetrachlorophenol	15.47	232	152974	21.37	ng/ul#	98
56) Diethylphthalate	15.63	149	500519	21.42	ng/ul	98
58) Fluorene	15.89	166	452839	21.47	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.87	204	255840	21.54	ng/ul	86
60) 4-Nitroaniline	15.93	138	88854	17.94	ng/ul	90
63) 4,6-Dinitro-2-methylphenol	15.99	198	93080	18.90	ng/ul#	89
64) N-Nitrosodiphenylamine	16.09	169	425741	21.52	ng/ul	95
65) 4-Bromophenyl-phenylether	16.76	248	189975	21.87	ng/ul	93
66) Hexachlorobenzene	16.89	284	219290	22.42	ng/ul	95
67) Atrazine	17.03	200	205586	21.86	ng/ul	96
68) Pentachlorophenol	17.24	266	103787	17.67	ng/ul	91
69) Phenanthrene	17.63	178	785135	21.39	ng/ul	98
71) Anthracene	17.73	178	812155	21.52	ng/ul	98
72) Carbazole	18.00	167	699439	22.22	ng/ul	98
73) Di-n-butylphthalate	18.51	149	862358	21.69	ng/ul	98
74) Fluoranthene	19.63	202	1021940	23.43	ng/ul	98
77) Pyrene	19.99	202	1020062	20.99	ng/ul	98
78) Butylbenzylphthalate	20.84	149	407340	21.41	ng/ul	98
79) 3,3'-Dichlorobenzidine	21.77	252	380077	21.57	ng/ul	93
80) Benzo(a)anthracene	21.86	228	1121957	21.36	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.70	149	570898	21.80	ng/ul	98
82) Chrysene	21.93	228	1044036	21.25	ng/ul	99
84) Di-n-octyl phthalate	22.97	149	986897	23.45	ng/ul	100
85) Benzo(b)fluoranthene	24.21	252	1131716	22.02	ng/ul	99
86) Benzo(k)fluoranthene	24.28	252	1038648	21.25	ng/ul	99
88) Benzo(a)pyrene	25.14	252	1058501	21.42	ng/ul	94
89) Indeno(1,2,3-cd)pyrene	29.24	276	1333900m	21.71	ng/ul	
90) Dibenzo(a,h)anthracene	29.29	278	1116580m	21.57	ng/ul	
91) Benzo(g,h,i)perylene	30.48	276	1099232m	21.44	ng/ul	

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