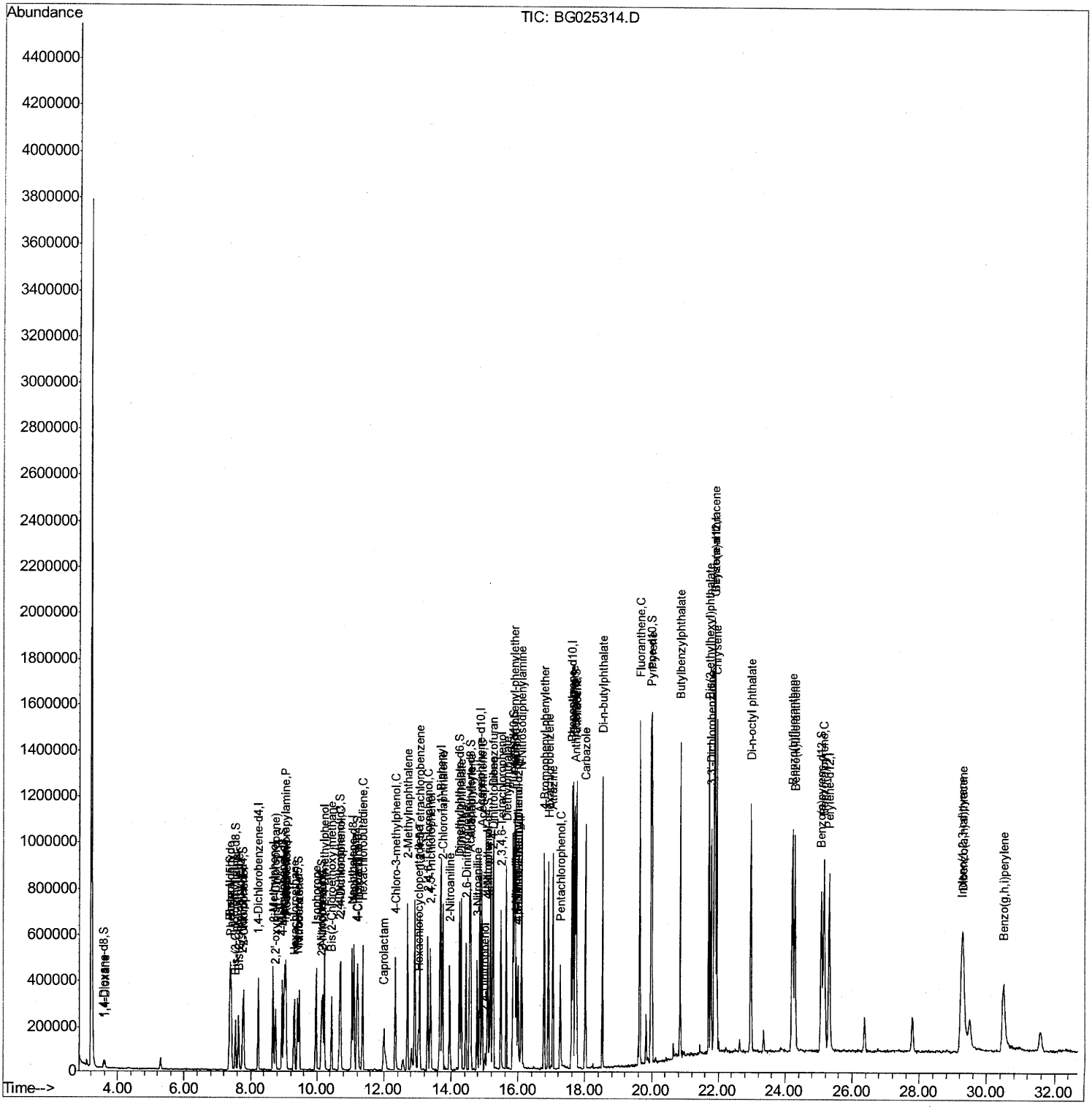
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121916\
Data File : BG025314.D
Acq On : 19 Dec 2016 11:16
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 20 01:29:10 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Dec 18 03:57:56 2016
Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
SSTD02021

Manual Integrations APPROVED
sohil
12/20/2016 6:29:41 PM



Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121916\
Data File : BG025314.D
Acq On : 19 Dec 2016 11:16
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 20 01:08:45 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
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LabSampleId :
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Manual Integrations APPROVED
sohil
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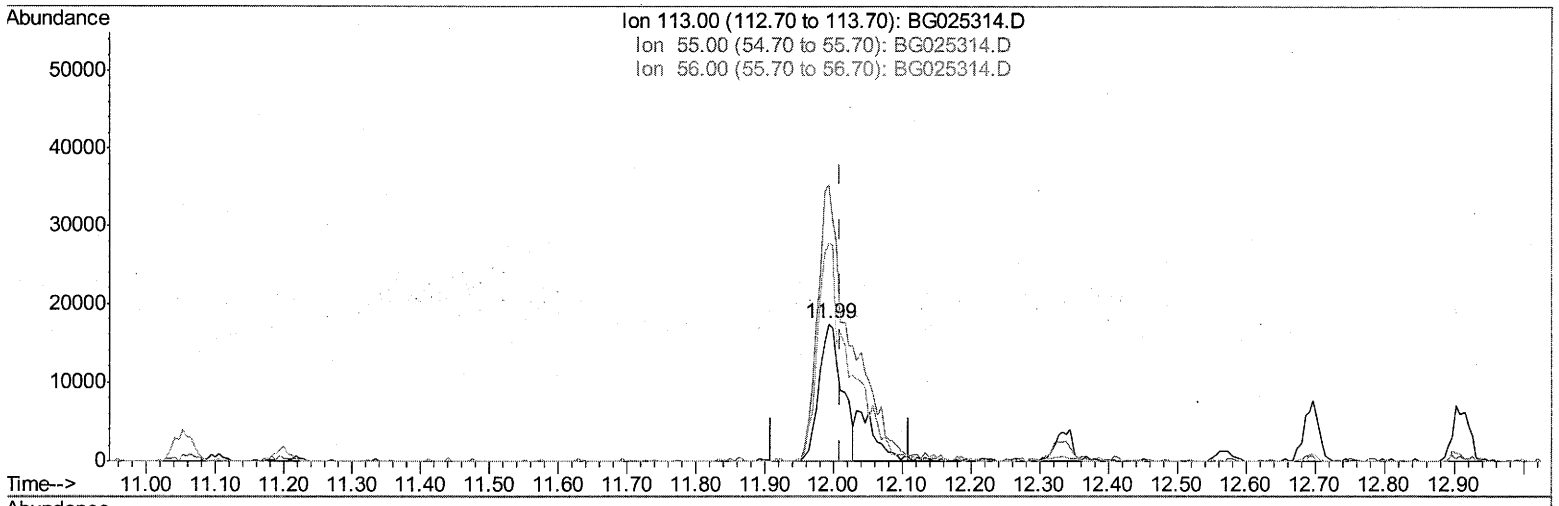

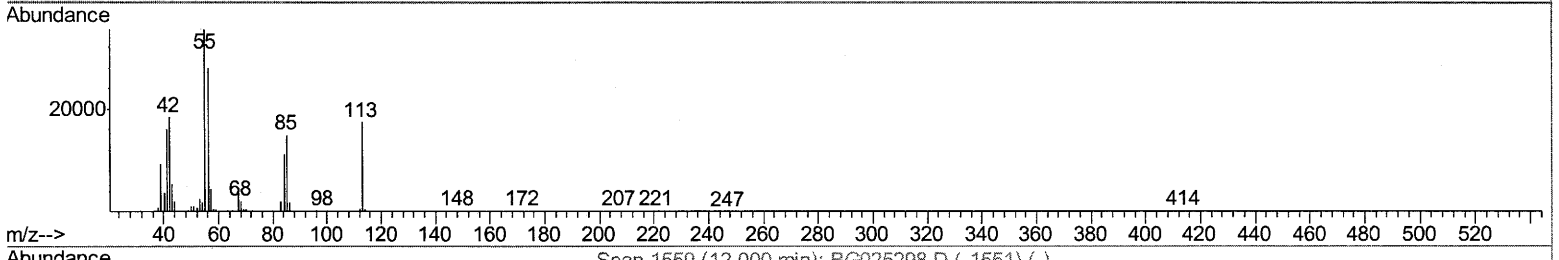

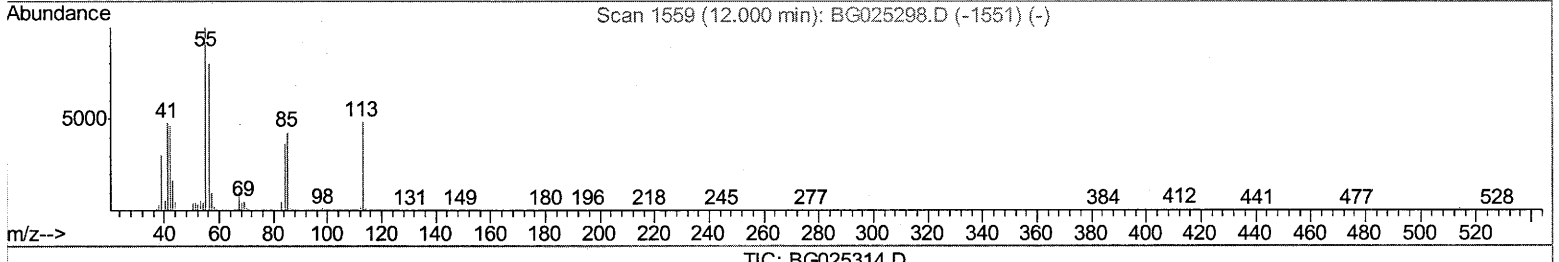

TIC: BG025314.D

(32) Caprolactam

11.992min (-0.018) 13.91ng/ul

response 40809

Ion	Exp%	Act%
113.00	100	100
55.00	210.70	202.85
56.00	160.60	159.94
0.00	0.00	0.00

Quantitation Report (Qedit)

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Instrument :
BNA_G
LabSampleId :
SSTD02021

Manual Integrations APPROVED
sohil
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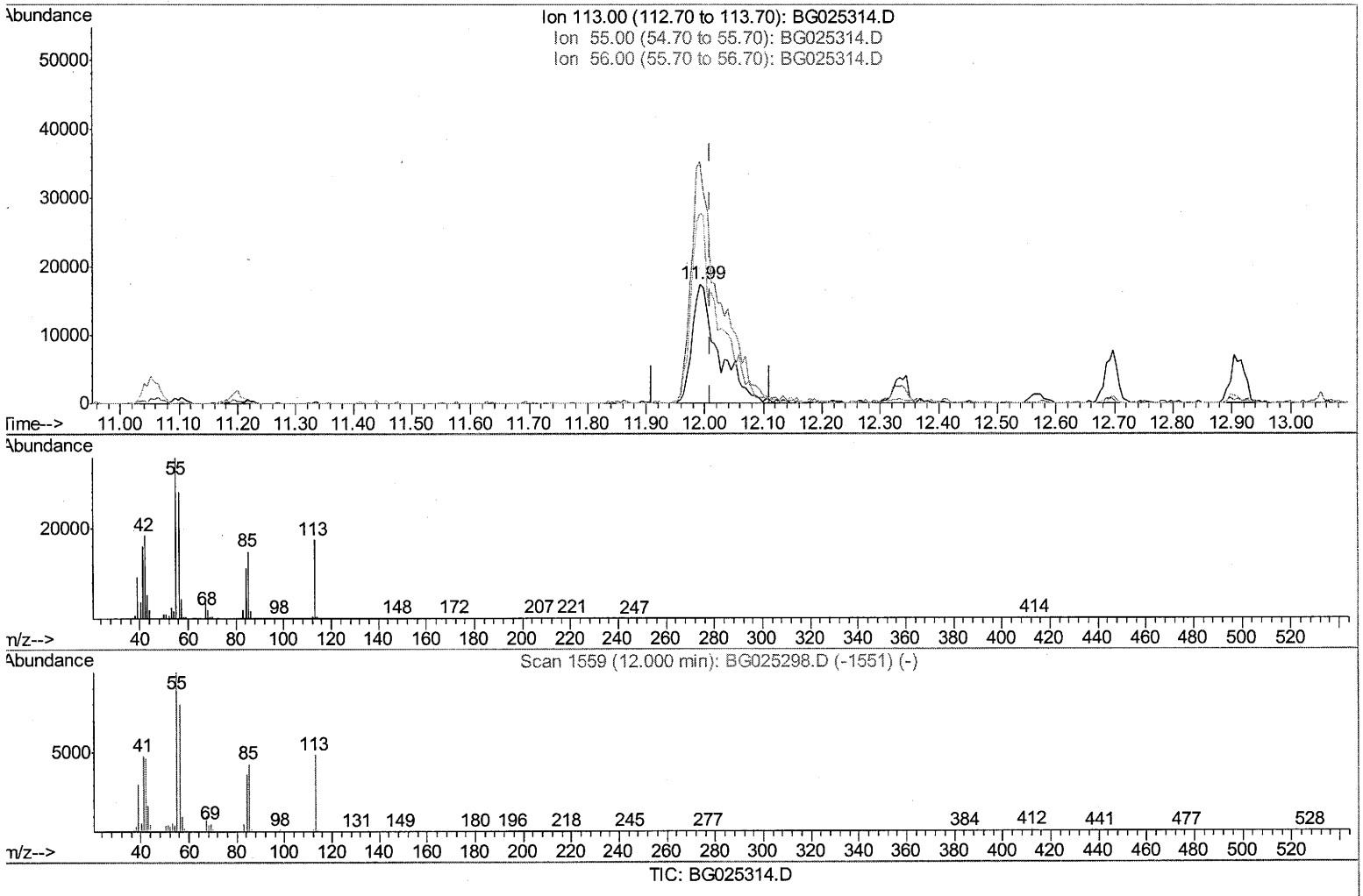

TIC: BG025314.D

(32) Caprolactam

11.992min (-0.018) 18.31ng/ul m UM

response 53716 12/20/16

Ion	Exp%	Act%
113.00	100	100
55.00	210.70	202.85
56.00	160.60	159.94
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121916\
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Instrument :
BNA_G
LabSampleId :
SSTD02021

Manual Integrations APPROVED
sohil
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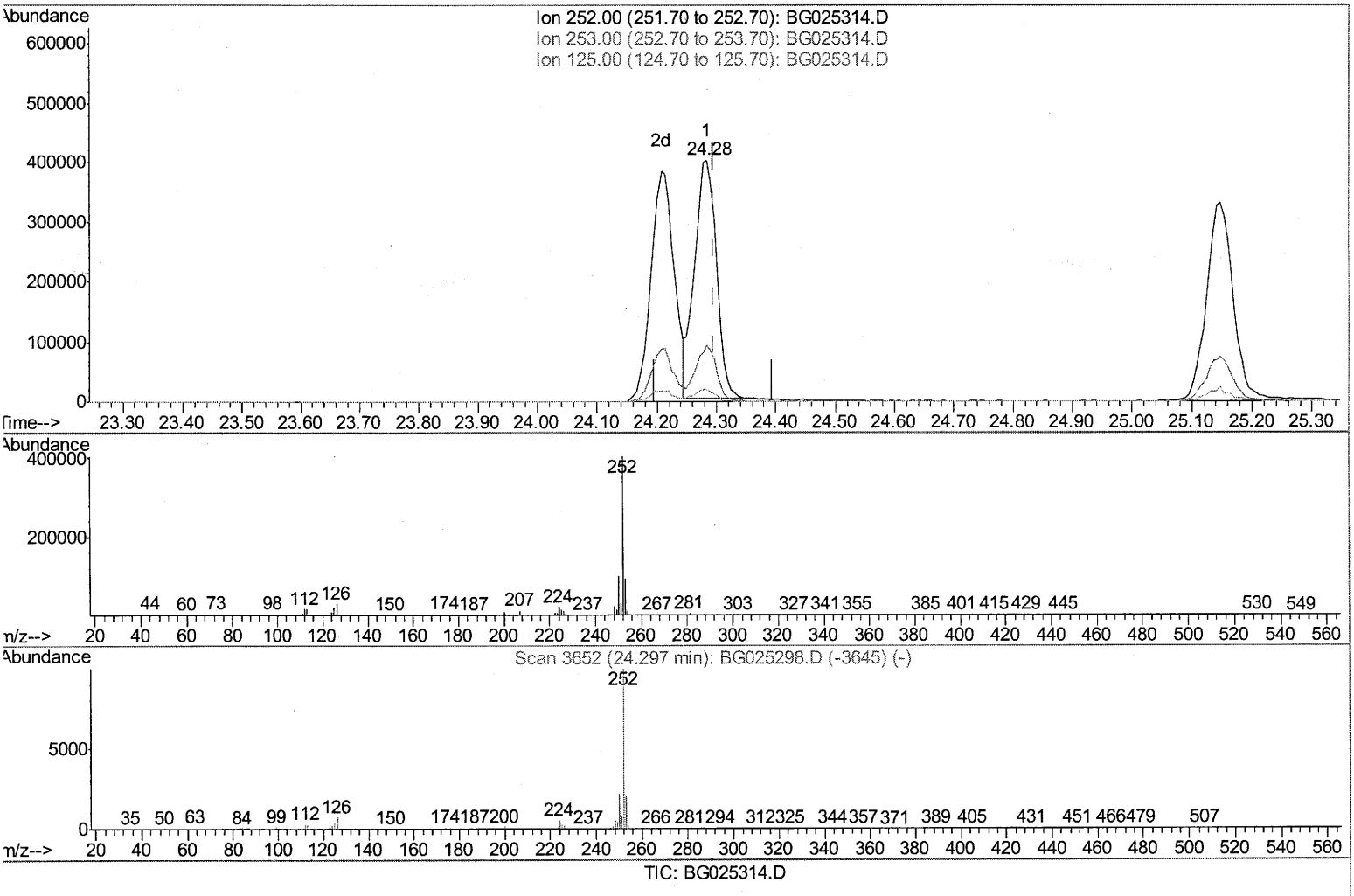

TIC: BG025314.D

(86) Benzo(k)fluoranthene

24.284min (-0.012) 22.17ng/ul

response 1023485

Ion	Exp%	Act%
252.00	100	100
253.00	23.10	23.54
125.00	5.10	4.95
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121916\
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Operator : UM/SJ
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Misc :
ALS Vial : 2 Sample Multiplier: 1

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Quant Title : SVOA CALIBRATION
QLast Update : Sun Dec 18 03:57:56 2016
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Instrument :
BNA_G
LabSampleId :
SSTD02021

Manual Integrations APPROVED
sohil
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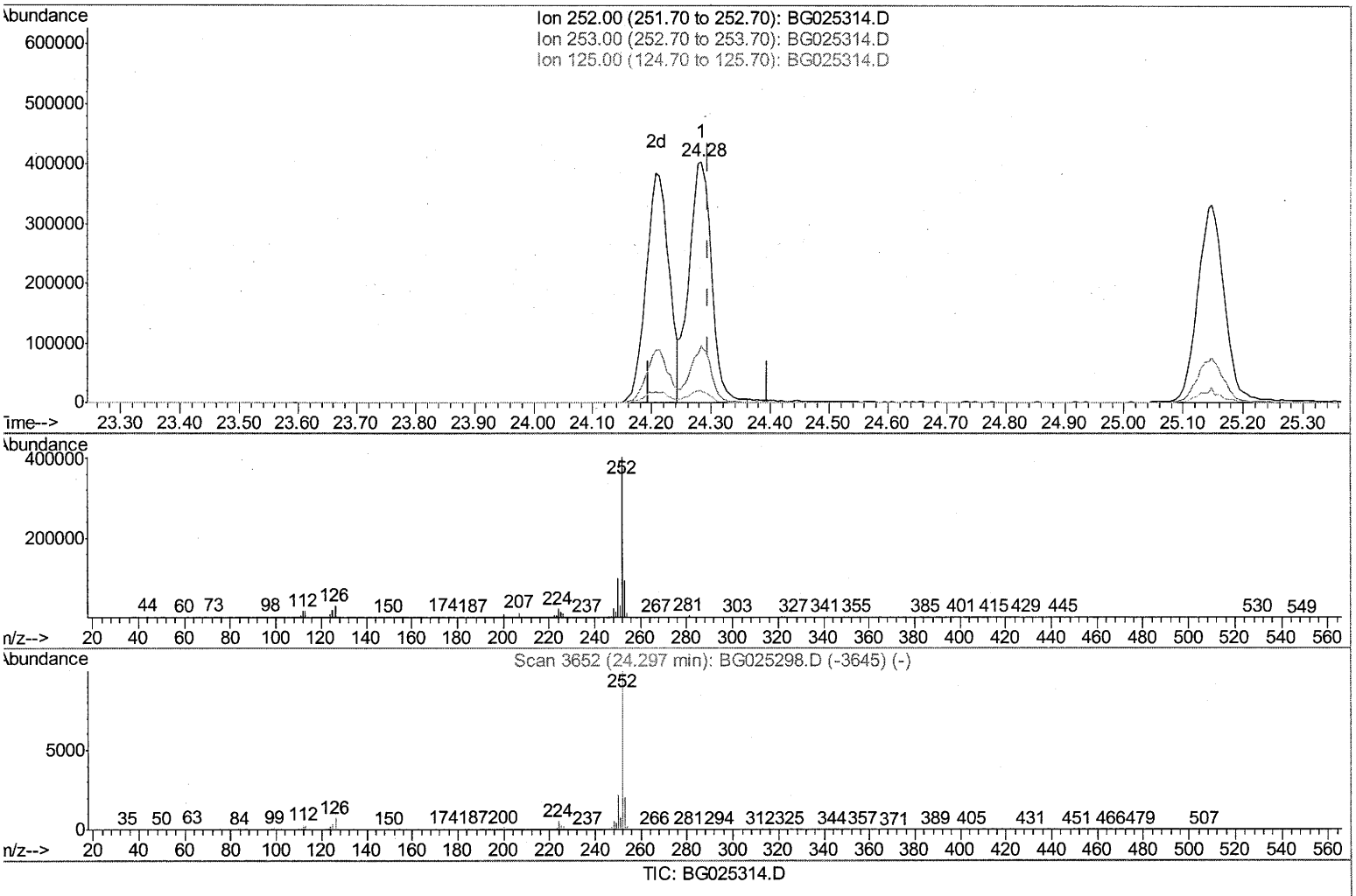

TIC: BG025314.D

(86) Benzo(k)fluoranthene

24.284min (-0.012) 23.01ng/ul m

response 1062286

Ion	Exp%	Act%
252.00	100	100
253.00	23.10	23.54
125.00	5.10	4.95
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121916\
Data File : BG025314.D
Acq On : 19 Dec 2016 11:16
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 20 01:08:45 2016
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Quant Title : SVOA CALIBRATION
QLast Update : Sun Dec 18 03:57:56 2016
Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
SSTD02021

Manual Integrations APPROVED
sohil
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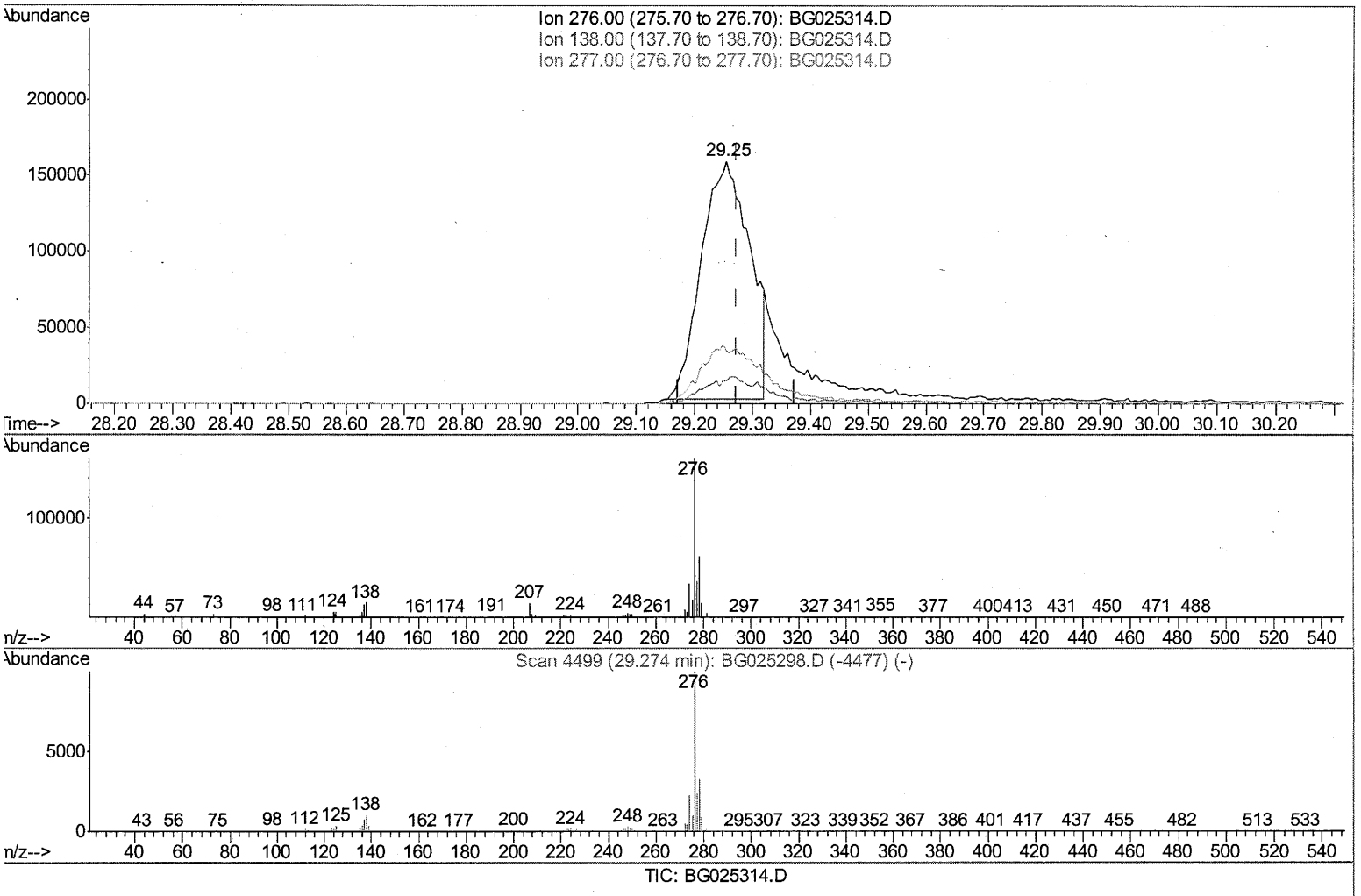


TIC: BG025314.D

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

29.254min (-0.018) 15.51ng/ul

response 899991

Ion	Exp%	Act%
276.00	100	100
138.00	10.30	9.41
277.00	23.30	22.36
0.00	0.00	0.00

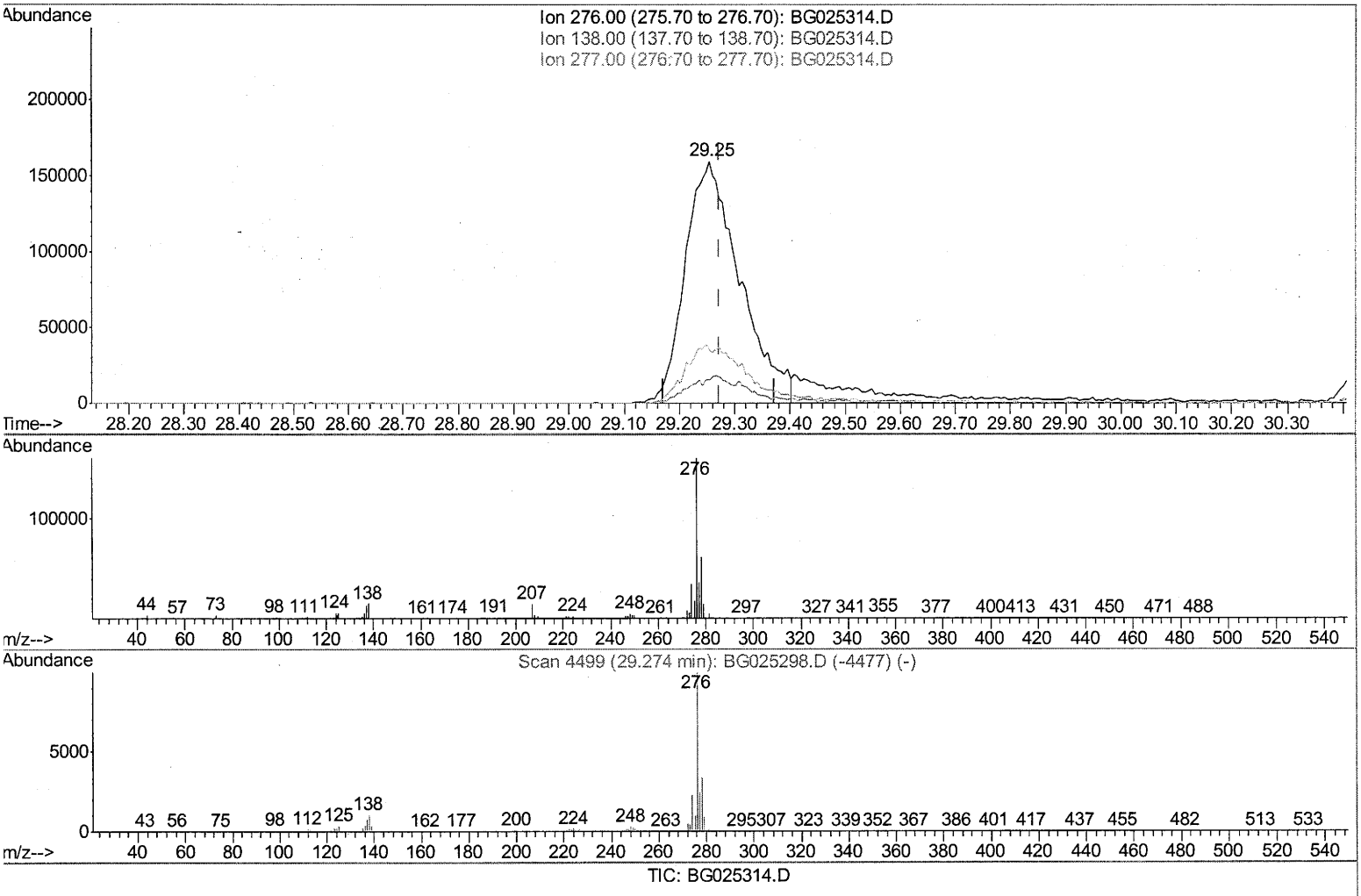
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121916\
Data File : BG025314.D
Acq On : 19 Dec 2016 11:16
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 20 01:08:45 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Dec 18 03:57:56 2016
Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
SSTD02021

Manual Integrations APPROVED
sohil
12/20/2016 6:29:41 PM



TIC: BG025314.D

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

29.254min (-0.018) 18.89ng/ul m UM

response 1095952 12/20/16

Ion	Exp%	Act%
276.00	100	100
138.00	10.30	9.41
277.00	23.30	22.36
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121916\
Data File : BG025314.D
Acq On : 19 Dec 2016 11:16
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 20 01:08:45 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
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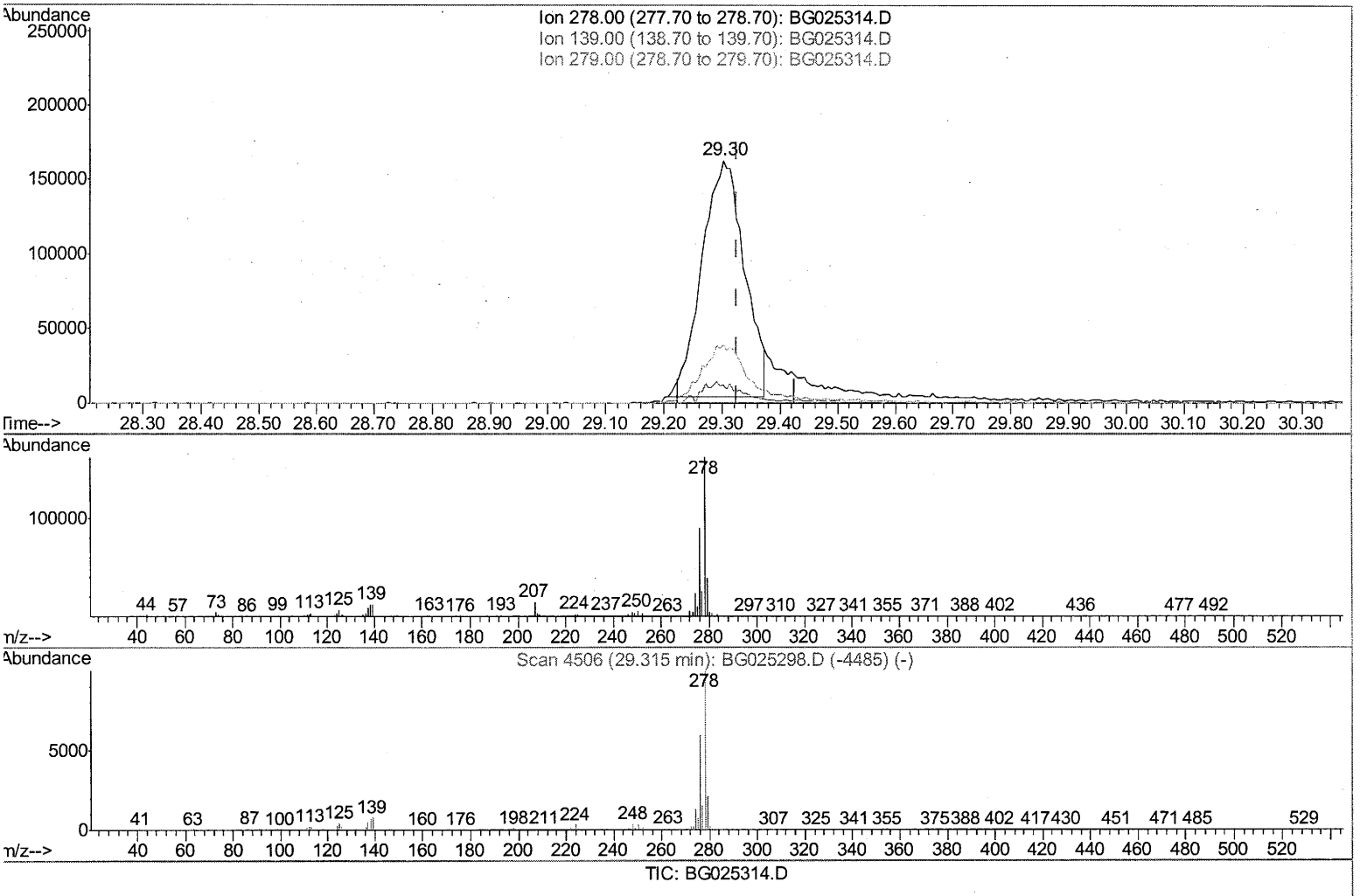
QLast Update : Sun Dec 18 03:57:56 2016
Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
SSTD02021

Manual Integrations APPROVED
sohil
12/20/2016 6:29:41 PM



TIC: BG025314.D

(90) Dibenzo(a,h)anthracene

29.301min (-0.024) 16.48ng/ul

response 805753

Ion	Exp%	Act%
278.00	100	100
139.00	8.40	7.68
279.00	26.10	24.39
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121916\
Data File : BG025314.D
Acq On : 19 Dec 2016 11:16
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 20 01:08:45 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
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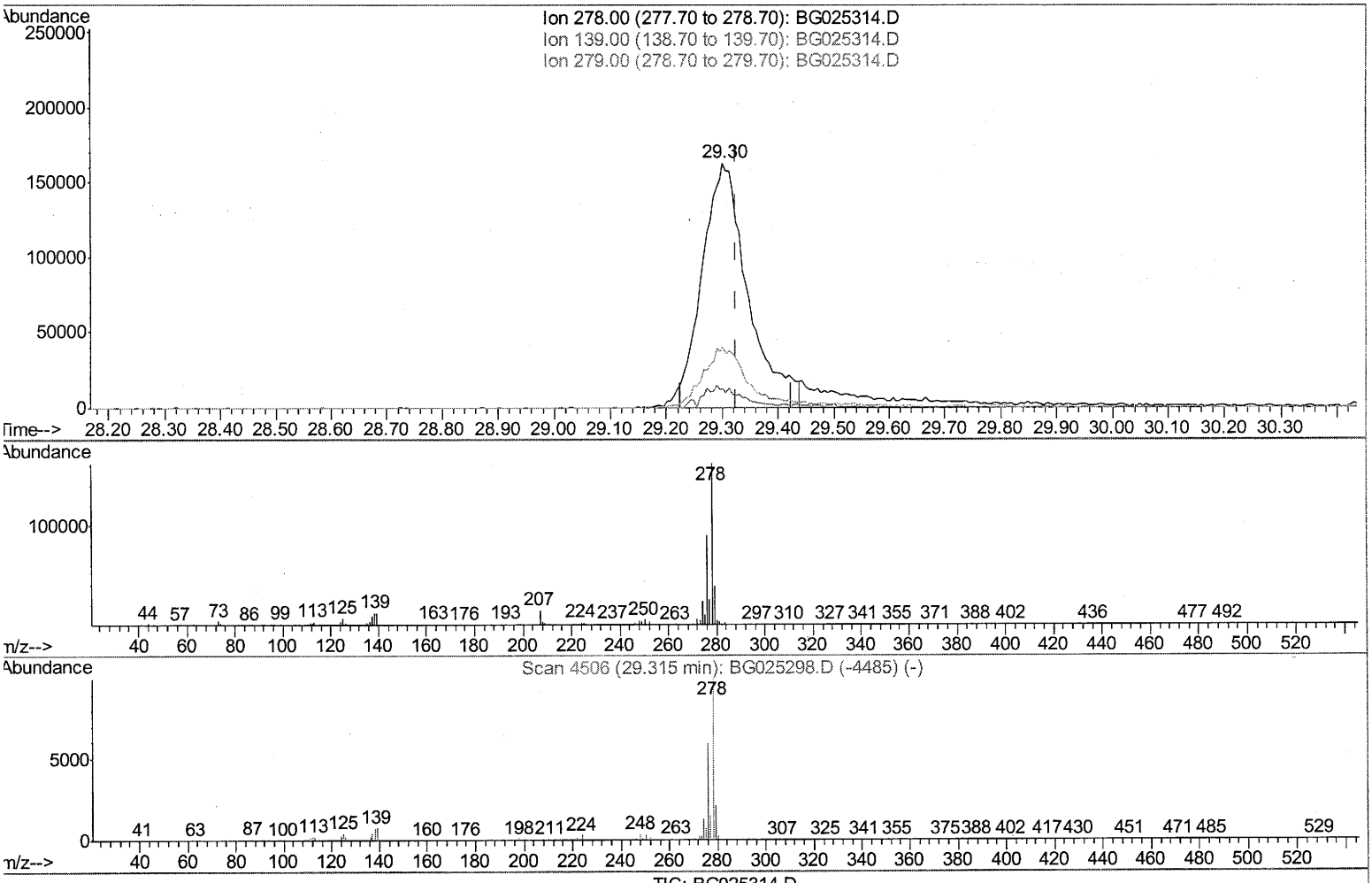
QLast Update : Sun Dec 18 03:57:56 2016
Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
SSTD02021

Manual Integrations APPROVED
sohil
12/20/2016 6:29:41 PM



TIC: BG025314.D

(90) Dibenzo(a,h)anthracene

29.301min (-0.024) 19.19ng/ul m

response 938329

Ion	Exp%	Act%
278.00	100	100
139.00	8.40	7.68
279.00	26.10	24.39
0.00	0.00	0.00

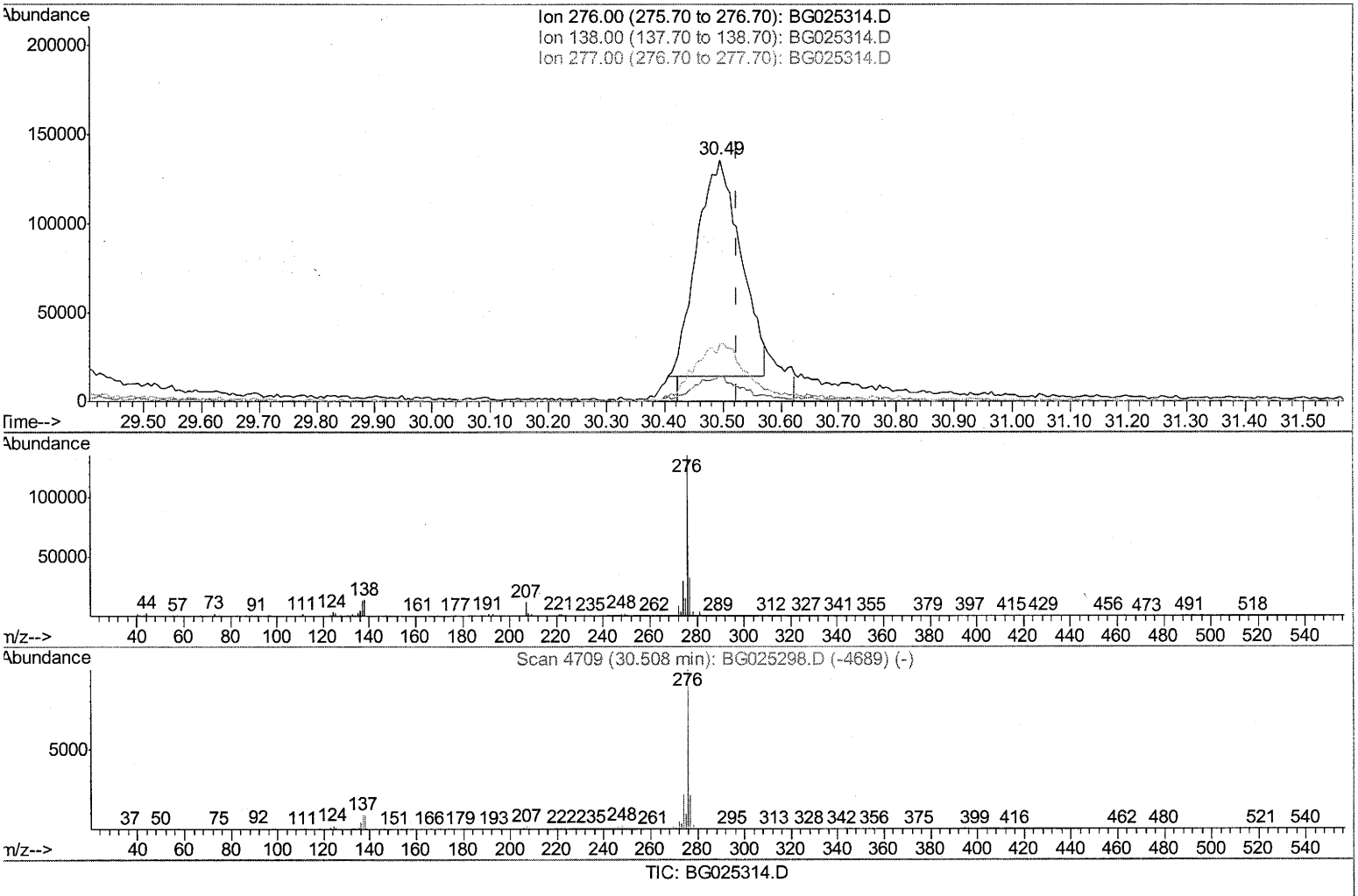
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121916\
Data File : BG025314.D
Acq On : 19 Dec 2016 11:16
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 20 01:08:45 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Dec 18 03:57:56 2016
Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
SSTD02021

Manual Integrations APPROVED
sohil
12/20/2016 6:29:41 PM



TIC: BG025314.D

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

30.494min (-0.030) 13.09ng/ul

response 633704

Ion	Exp%	Act%
276.00	100	100
138.00	10.70	10.27
277.00	22.00	24.23
0.00	0.00	0.00

Quantitation Report (Qedit)

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Data File : BG025314.D
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Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 20 01:08:45 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
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QLast Update : Sun Dec 18 03:57:56 2016
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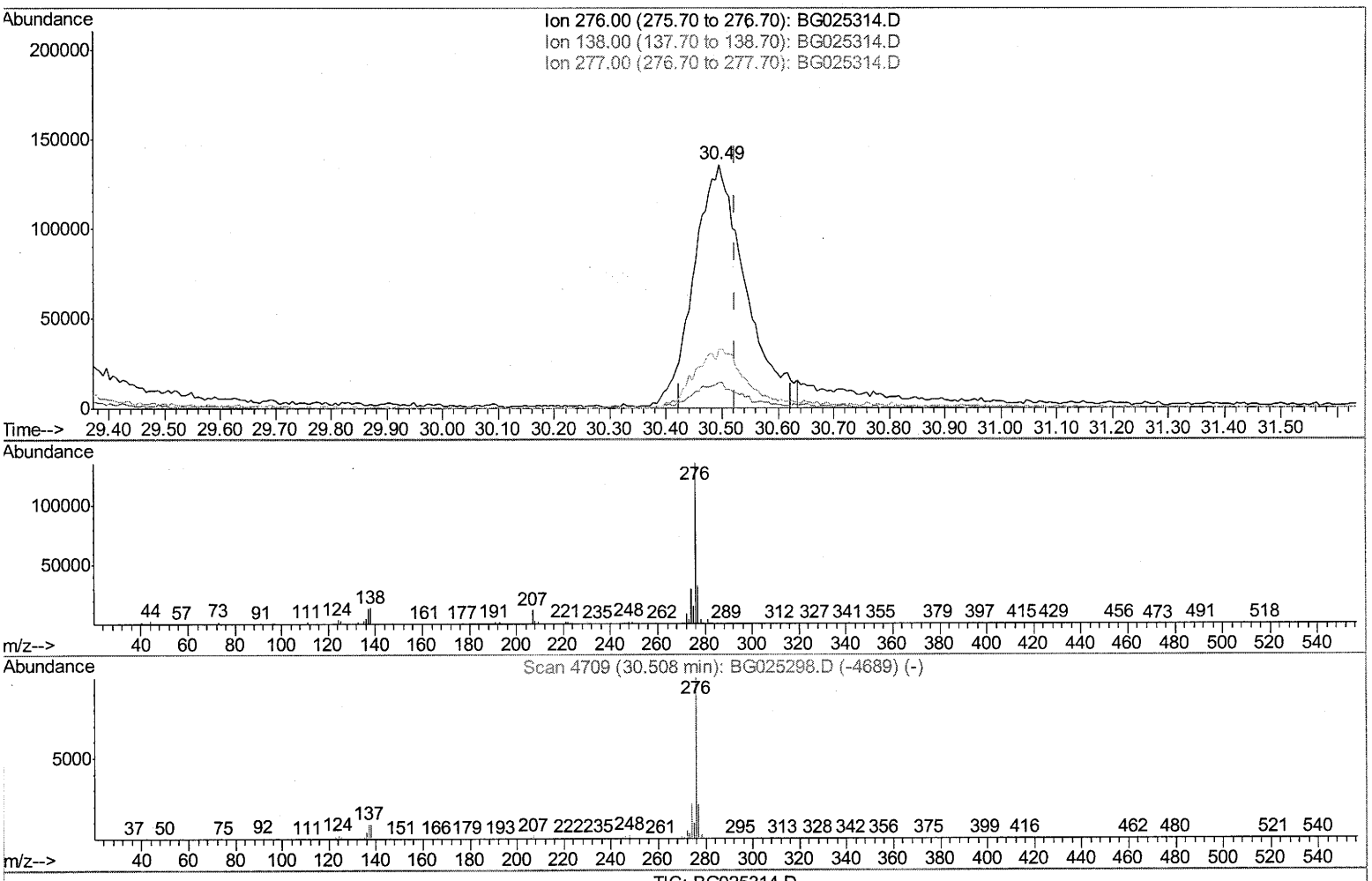
Instrument :
BNA_G
LabSampleId :
SSTD02021

Manual Integrations APPROVED
sohil
12/20/2016 6:29:41 PM



TIC: BG025314.D

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

30.494min (-0.030) 17.93ng/ul m

response 868506

Ion	Exp%	Act%
276.00	100	100
138.00	10.70	10.27
277.00	22.00	24.23
0.00	0.00	0.00

UM 12/20/16

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121916\
Data File : BG025314.D
Acq On : 19 Dec 2016 11:16
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
LabSampleId : SSTD02021

Manual Integrations APPROVED
sohil
12/20/2016 6:29:41 PM

Quant Time: Dec 20 01:29:10 2016
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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.23	152	105580	20.00	ng/ul	0.00
18) Naphthalene-d8	11.06	136	428633	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.85	164	343282	20.00	ng/ul	-0.01
61) Phenanthrene-d10	17.60	188	767136	20.00	ng/ul	0.00
75) Chrysene-d12	21.89	240	975478	20.00	ng/ul	0.00
83) Perylene-d12	25.31	264	979285	20.00	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.58	96	14473	7.08	ng/uL	0.00
5) Phenol-d5	7.39	99	187948	20.63	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	7.54	67	116987	20.76	ng/ul	0.00
9) 2-Chlorophenol-d4	7.76	132	134892	21.18	ng/ul	-0.01
13) 4-Methylphenol-d8	8.94	113	152880	20.08	ng/ul	0.00
19) Nitrobenzene-d5	9.41	128	62941	20.74	ng/ul	-0.01
22) 2-Nitrophenol-d4	10.14	143	84035	22.21	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.68	165	159904	21.97	ng/ul	-0.01
29) 4-Chloroaniline-d4	11.20	131	182059	25.46	ng/ul	0.00
43) Dimethylphthalate-d6	14.24	166	485350	20.55	ng/ul	-0.01
46) Acenaphthylene-d8	14.55	160	557065	21.54	ng/ul	0.00
51) 4-Nitrophenol-d4	15.08	143	72793	17.94	ng/ul	-0.01
57) Fluorene-d10	15.84	176	458113	20.61	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.98	200	79483	16.76	ng/ul	0.00
70) Anthracene-d10	17.70	188	694687	21.45	ng/ul	0.00
76) Pyrene-d10	19.97	212	850805	21.18	ng/ul	-0.01
87) Benzo(a)pyrene-d12	25.07	264	874286	22.03	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.61	88	17102	6.42	ng/uL#	74
4) Benzaldehyde	7.37	77	147345	21.49	ng/ul	93
6) Phenol	7.42	94	197343	21.11	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.64	93	133195	19.47	ng/ul	94
10) 2-Chlorophenol	7.79	128	129854	20.28	ng/ul	96
11) 2-Methylphenol	8.67	108	137359	19.95	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.75	45	240207	20.65	ng/ul	99
14) Acetophenone	9.06	105	225263	19.45	ng/ul	97
15) N-Nitroso-di-n-propylamine	9.03	70	129612	19.37	ng/ul#	91
16) 4-Methylphenol	9.01	108	147401	19.25	ng/ul	98
17) Hexachloroethane	9.31	117	60020	21.16	ng/ul	96
20) Nitrobenzene	9.45	77	207128	22.21	ng/ul	96
21) Isophorone	9.97	82	344877	19.54	ng/ul	97
23) 2-Nitrophenol	10.16	139	82266	21.43	ng/ul	89
24) 2,4-Dimethylphenol	10.21	107	189404	21.58	ng/ul	97
25) Bis(2-Chloroethoxy)methane	10.44	93	181594	20.19	ng/ul	97
27) 2,4-Dichlorophenol	10.71	162	155307	21.98	ng/ul	96
28) Naphthalene	11.11	128	419904	21.07	ng/ul	97
30) 4-Chloroaniline	11.22	127	174810	23.91	ng/ul#	88
31) Hexachlorobutadiene	11.36	225	128481	21.15	ng/ul	89
32) Caprolactam	11.99	113	53716m	18.31	ng/ul	
33) 4-Chloro-3-methylphenol	12.33	107	181010	20.78	ng/ul	98
34) 2-Methylnaphthalene	12.69	142	333438	21.21	ng/ul	94

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