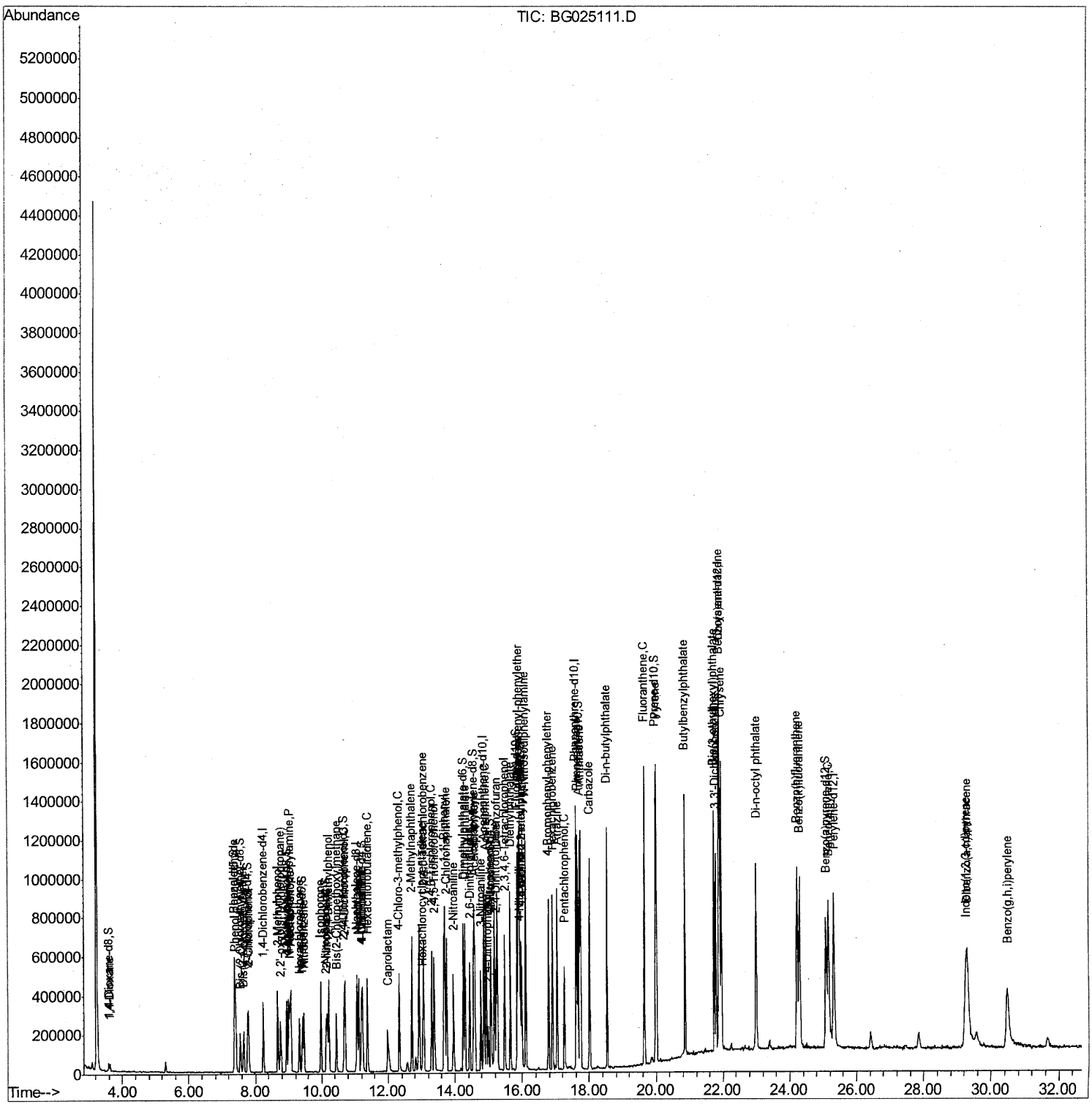
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG121216\
Data File : BG025111.D
Acq On : 12 Dec 2016 10:36
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 13 00:24:06 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 12 03:23:22 2016
Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
SSTD02031

Manual Integrations APPROVED
sohil
12/13/2016 6:06:20 PM



Quantitation Report (QT Reviewed)

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Manual Integrations APPROVED
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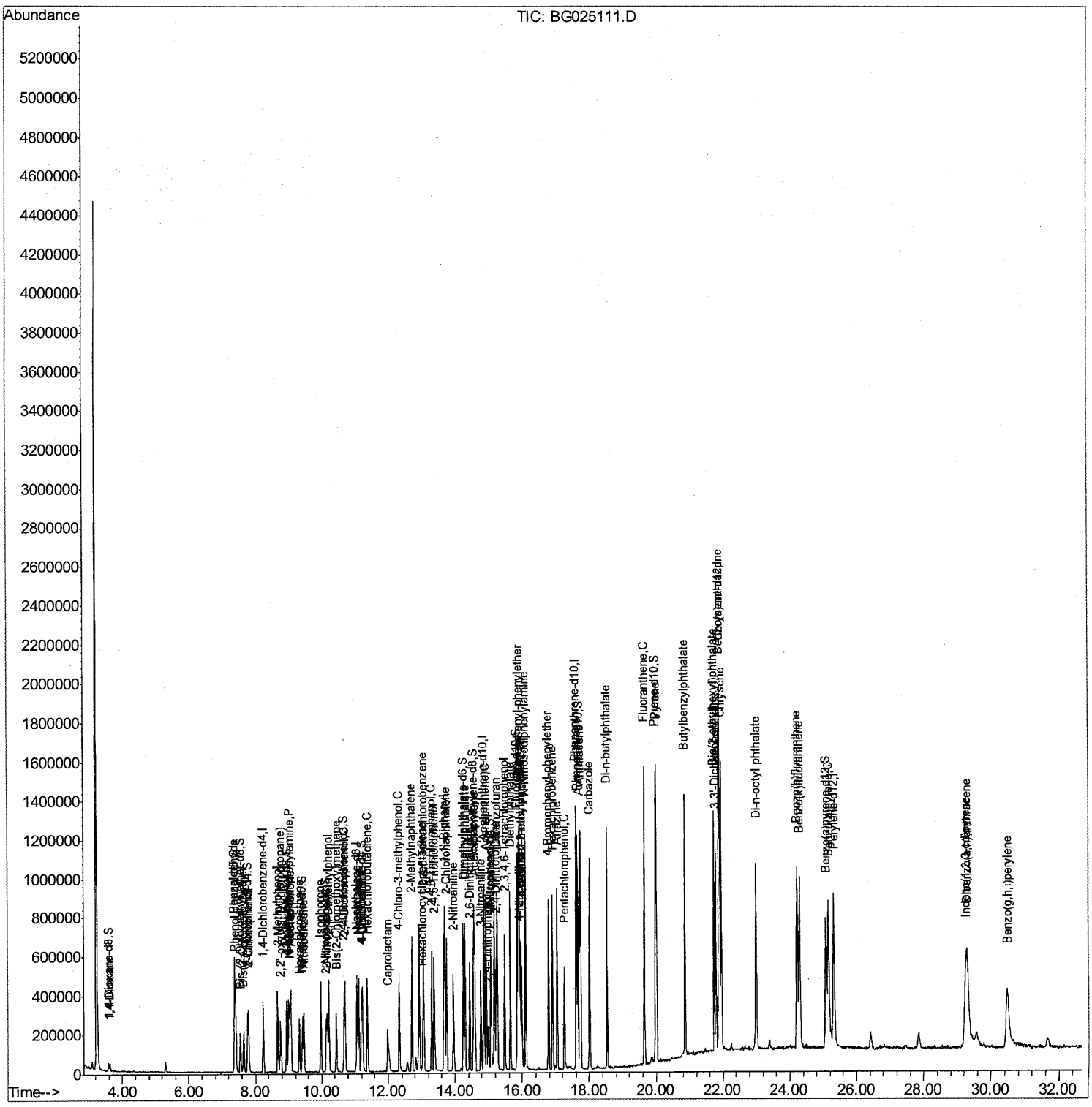

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG121216\
Data File : BG025111.D
Acq On : 12 Dec 2016 10:36
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 13 00:10:57 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 12 03:23:22 2016
Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
SSTD02031

Manual Integrations APPROVED
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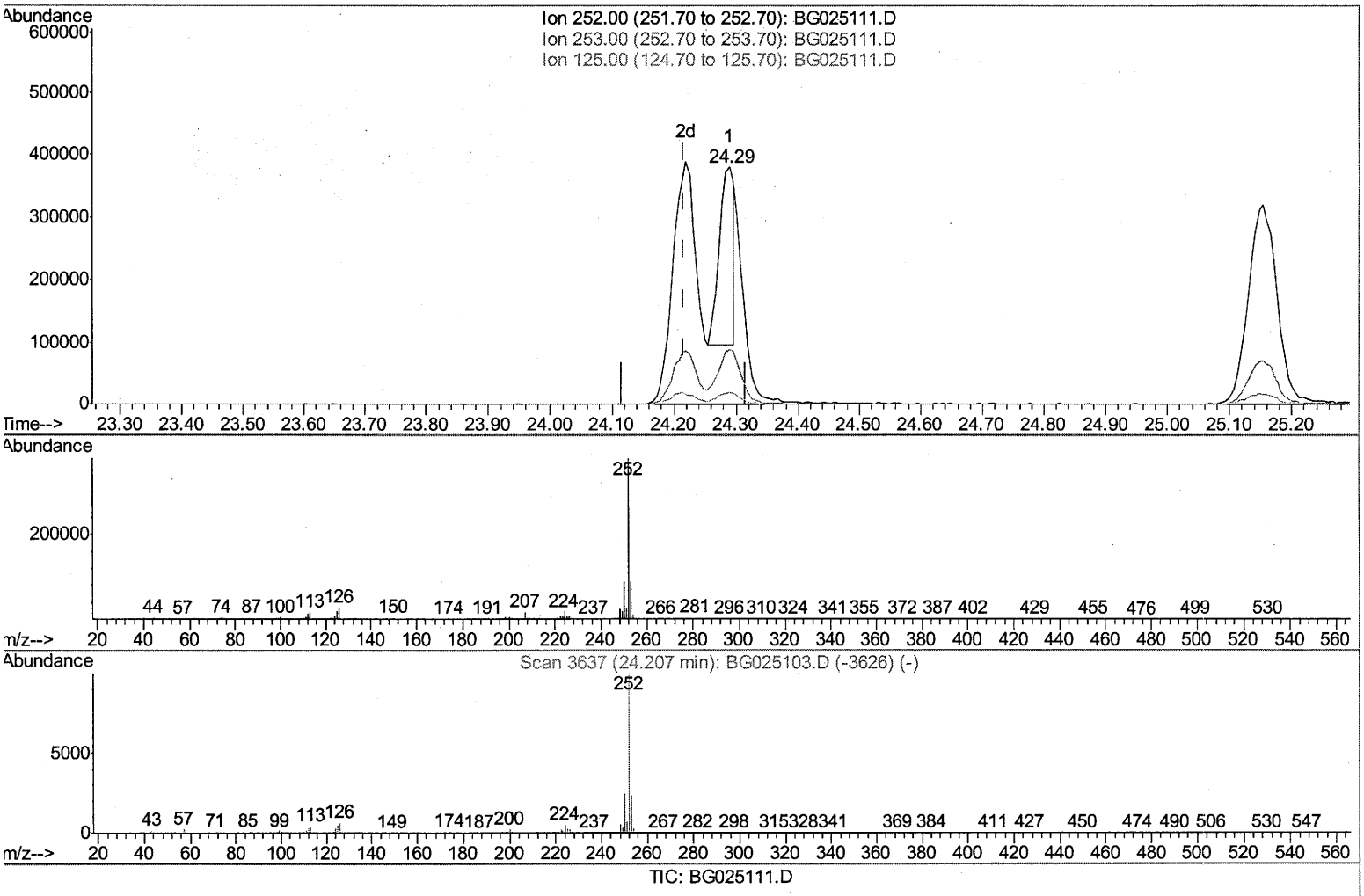

TIC: BG025111.D

(85) Benzo(b)fluoranthene

24.289min (+0.074) 9.17ng/ul

response 462454

Ion	Exp%	Act%
252.00	100	100
253.00	22.10	23.13
125.00	5.00	5.10
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG121216\
Data File : BG025111.D
Acq On : 12 Dec 2016 10:36
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 13 00:10:57 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 12 03:23:22 2016
Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
SSTD02031

Manual Integrations APPROVED
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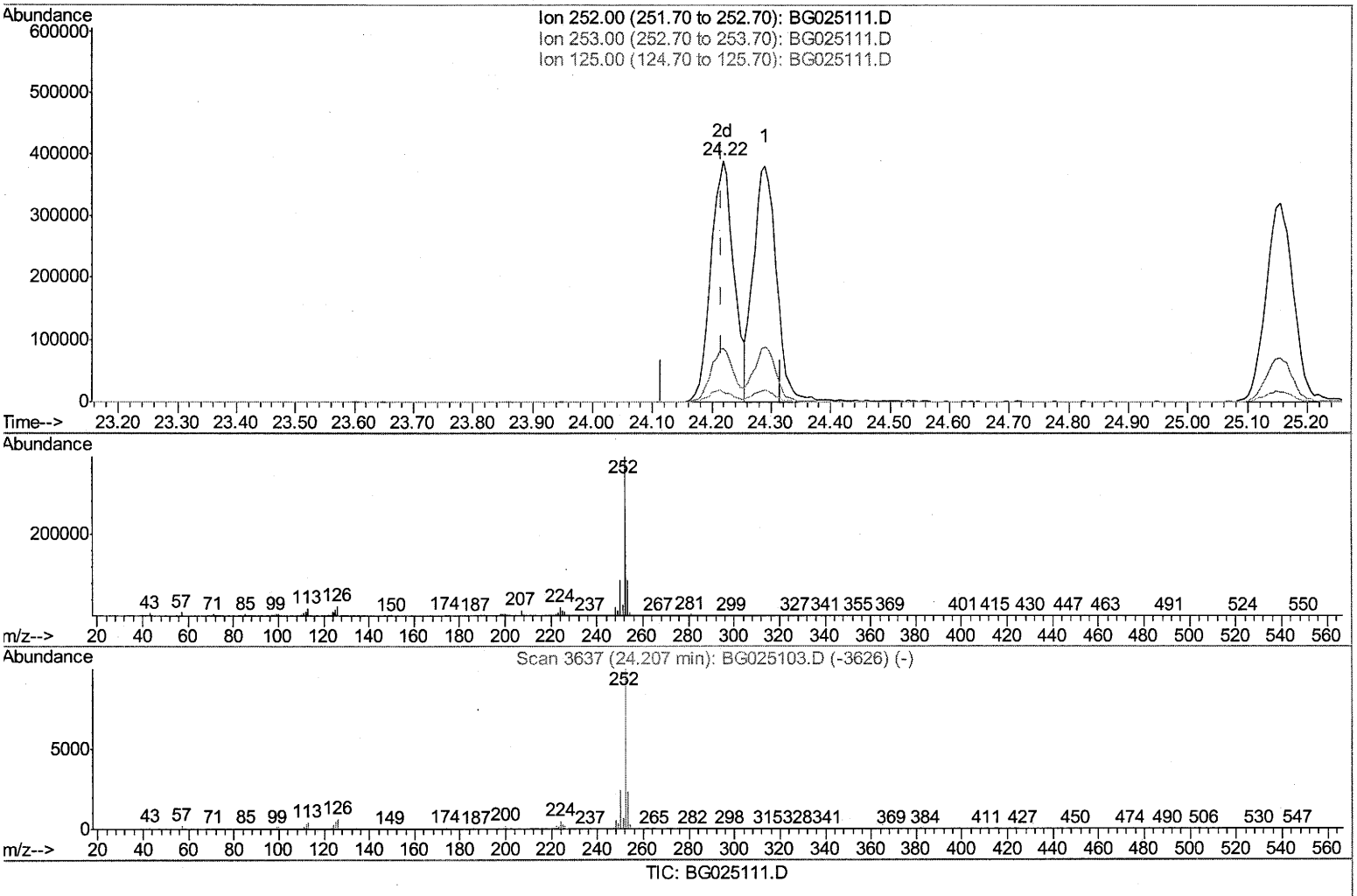

TIC: BG025111.D

(85) Benzo(b)fluoranthene

24.219min (+0.003) 20.86ng/ul m UM

response 1052342 12/13/16

Ion	Exp%	Act%
252.00	100	100
253.00	22.10	22.32
125.00	5.00	3.92#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG121216\
Data File : BG025111.D
Acq On : 12 Dec 2016 10:36
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 13 00:10:57 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 12 03:23:22 2016
Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
SSTD02031

Manual Integrations APPROVED
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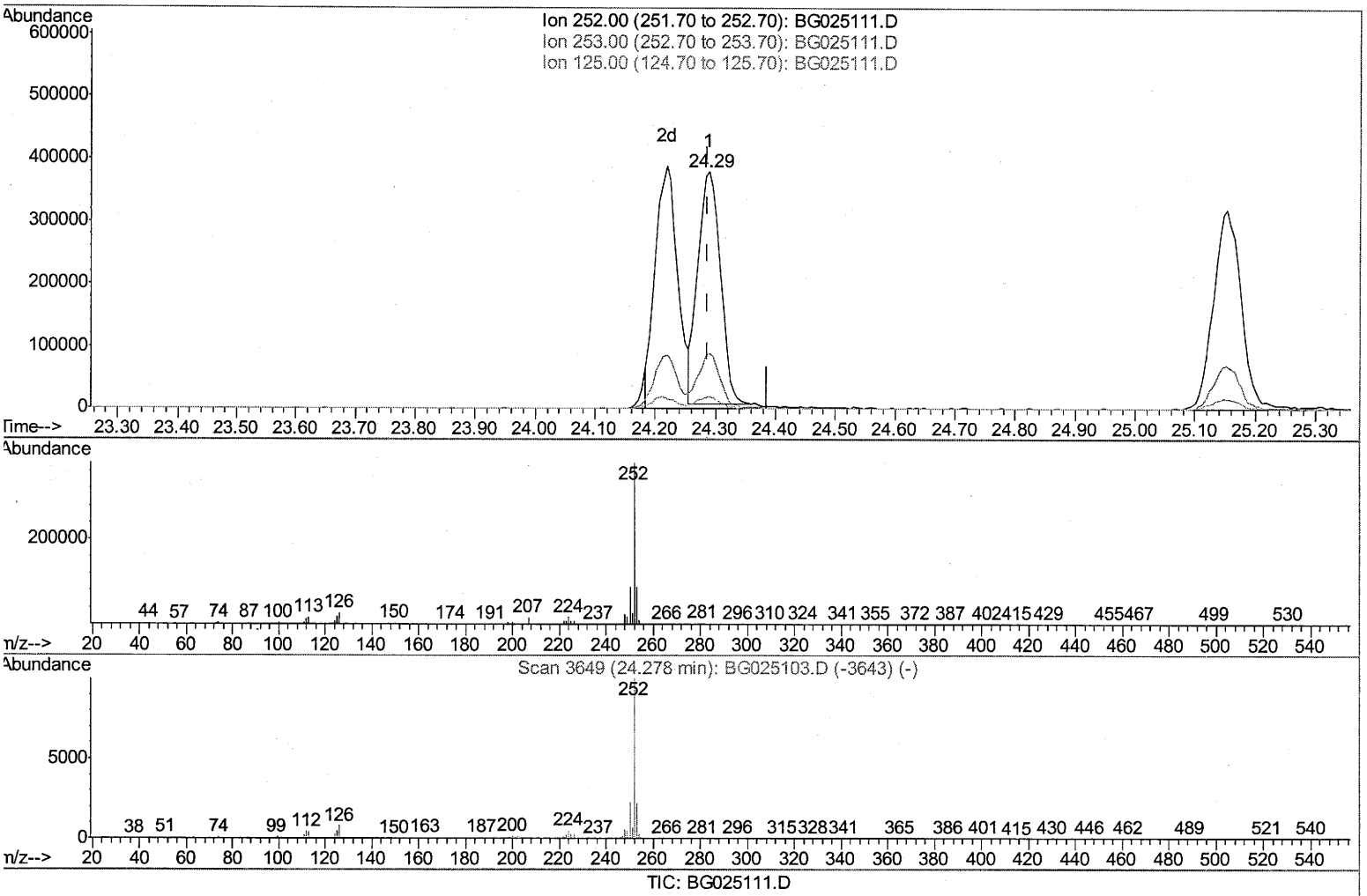

TIC: BG025111.D

(86) Benzo(k)fluoranthene

24.289min (+0.003) 20.27ng/ul

response 972195

Ion	Exp%	Act%
252.00	100	100
253.00	23.10	23.13
125.00	5.10	5.10
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG121216\
Data File : BG025111.D
Acq On : 12 Dec 2016 10:36
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 13 00:10:57 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 12 03:23:22 2016
Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
SSTD02031

Manual Integrations APPROVED
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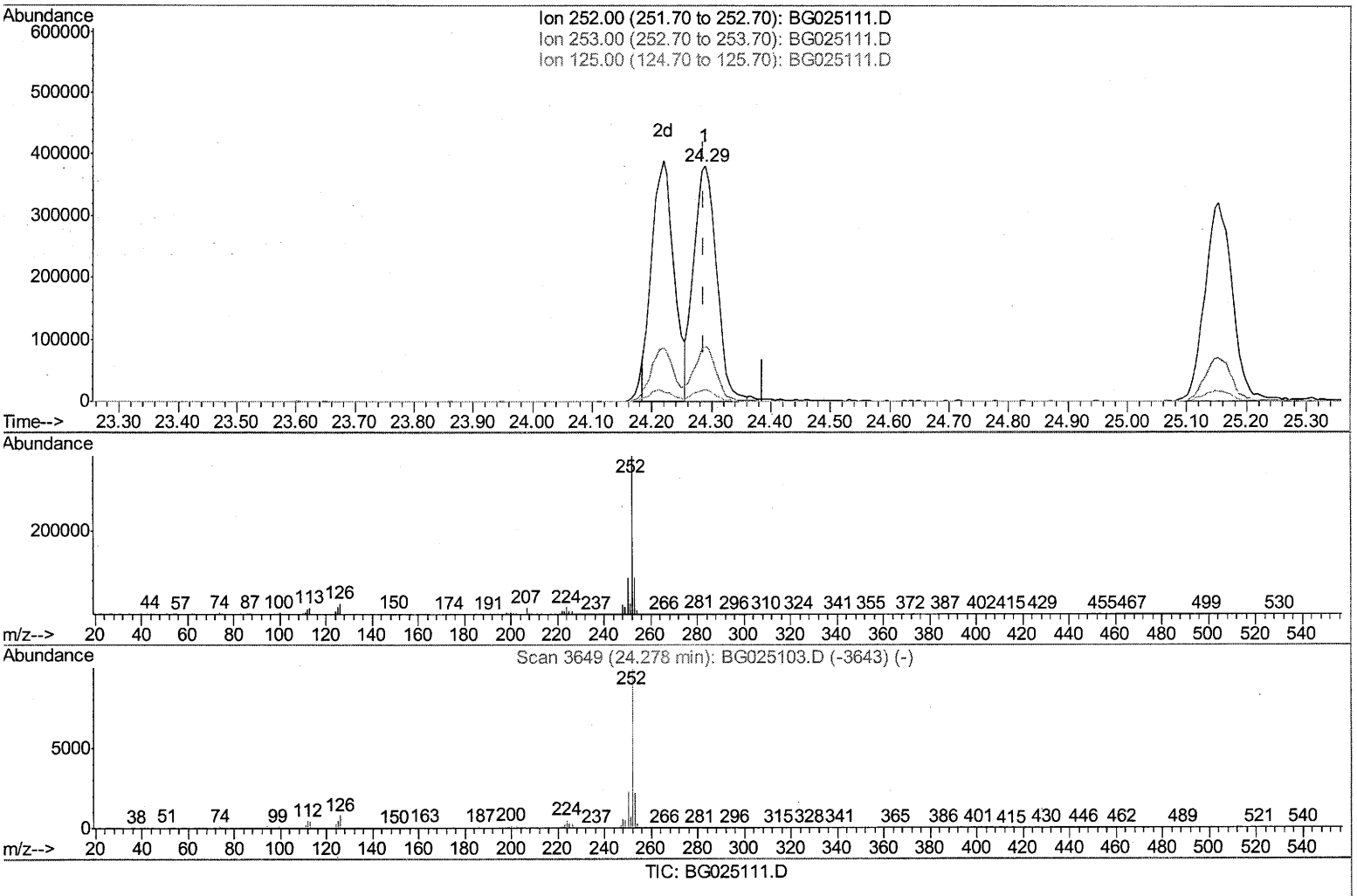

TIC: BG025111.D

(86) Benzo(k)fluoranthene

24.289min (+0.003) 21.21ng/ul m UM

response 1017105 12/13/16

Ion	Exp%	Act%
252.00	100	100
253.00	23.10	23.13
125.00	5.10	5.10
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG121216\
Data File : BG025111.D
Acq On : 12 Dec 2016 10:36
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 13 00:10:57 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 12 03:23:22 2016
Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
SSTD02031

Manual Integrations APPROVED
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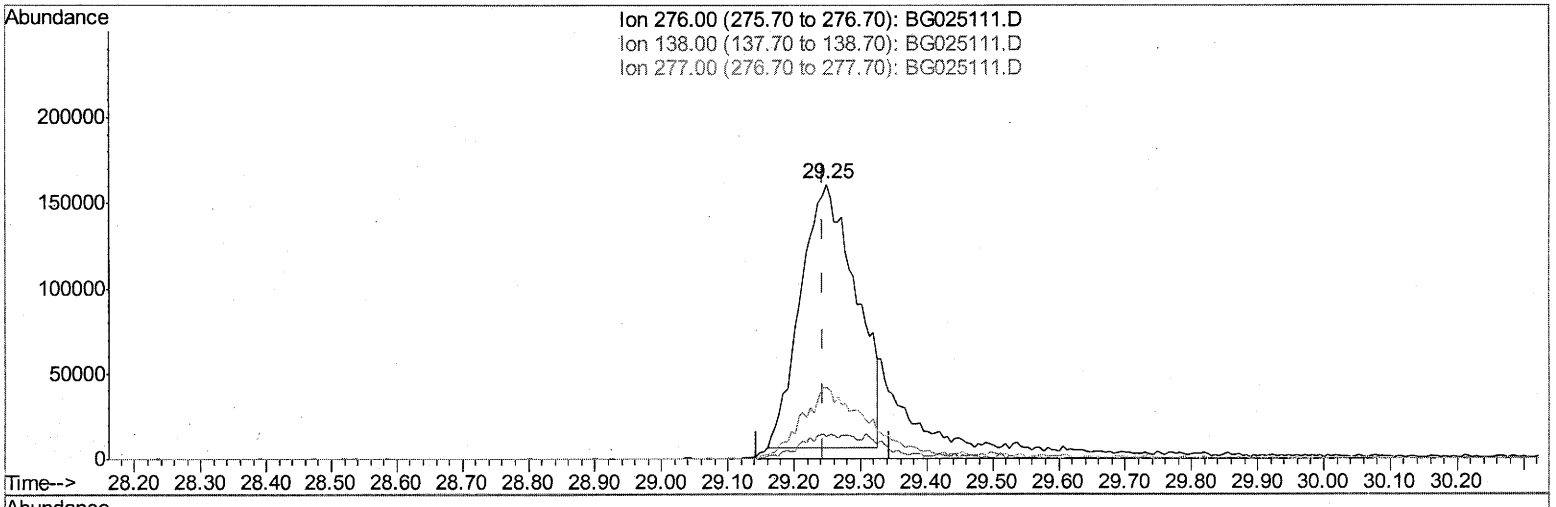

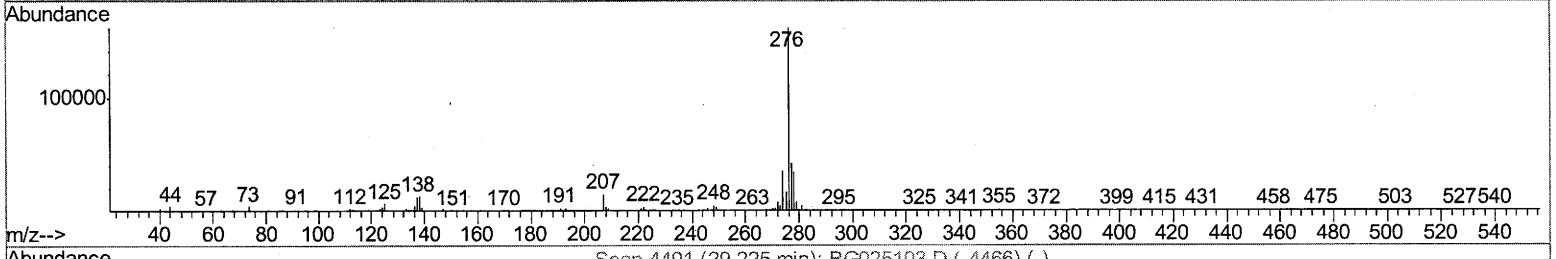

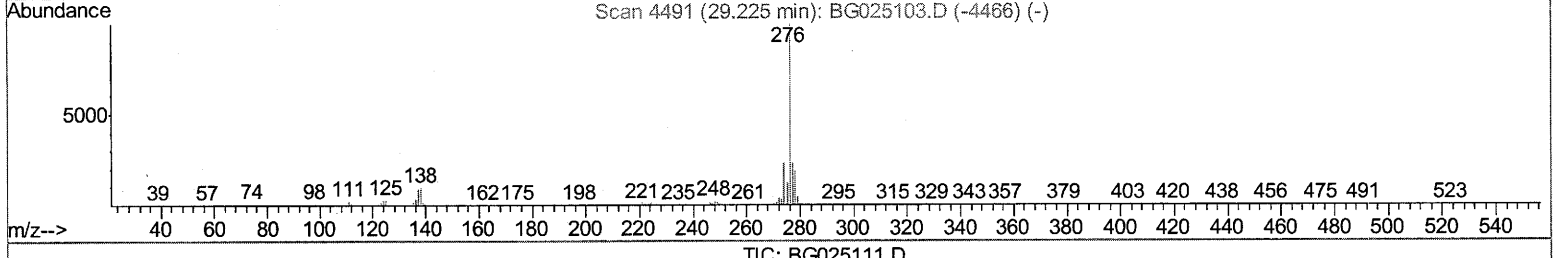

TIC: BG025111.D

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

29.248min (+0.003) 14.72ng/ul

response 887511

Ion	Exp%	Act%
276.00	100	100
138.00	10.30	8.28
277.00	23.30	26.10
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG121216\
Data File : BG025111.D
Acq On : 12 Dec 2016 10:36
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 13 00:10:57 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 12 03:23:22 2016
Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
SSTD02031

Manual Integrations APPROVED
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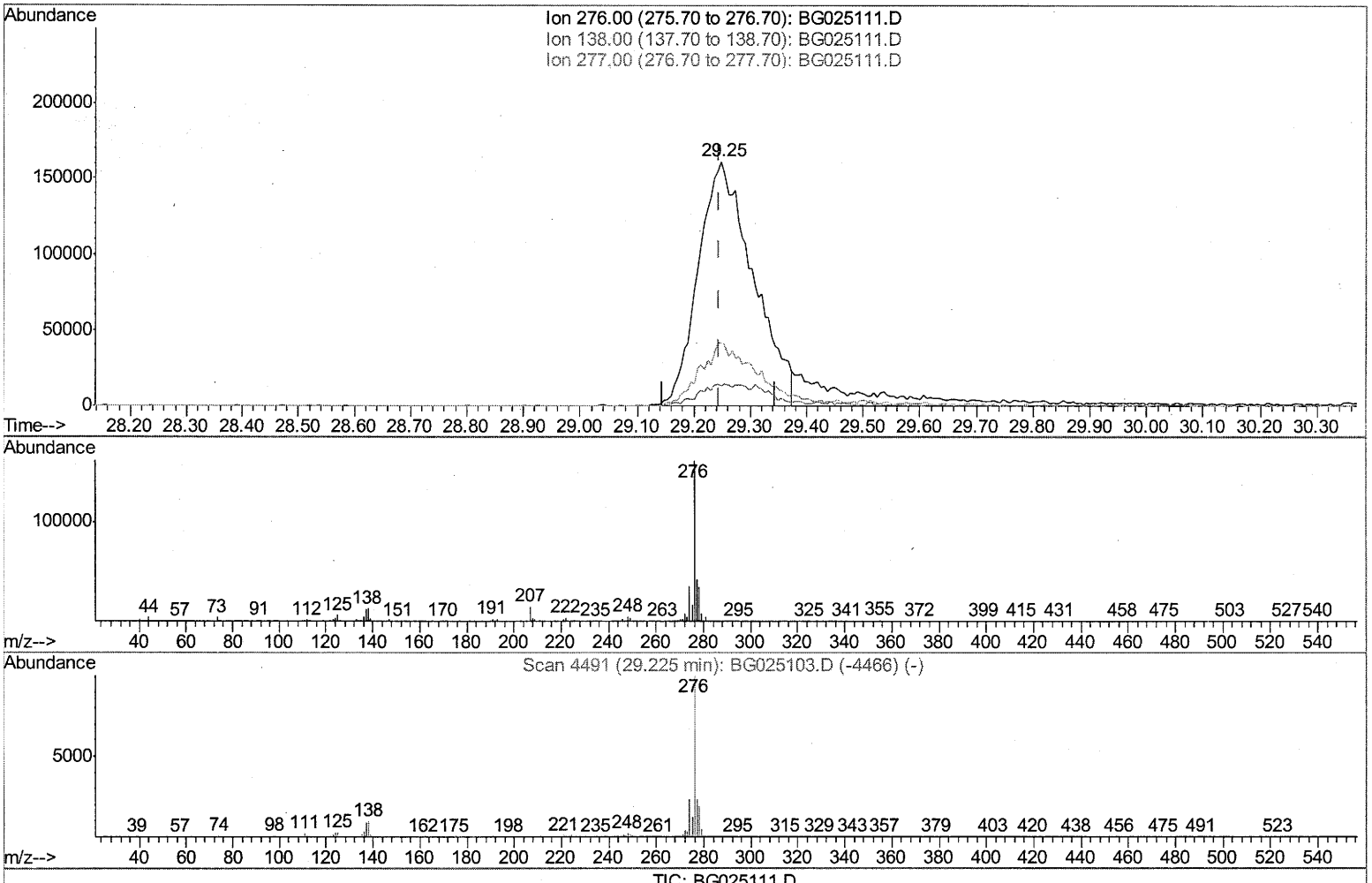

TIC: BG025111.D

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

29.248min (+0.003) 17.67ng/ul m UM

response 1065598 12/13/16

Ion	Exp%	Act%
276.00	100	100
138.00	10.30	8.28
277.00	23.30	26.10
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG121216\
Data File : BG025111.D
Acq On : 12 Dec 2016 10:36
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 13 00:10:57 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 12 03:23:22 2016
Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
SSTD02031

Manual Integrations APPROVED
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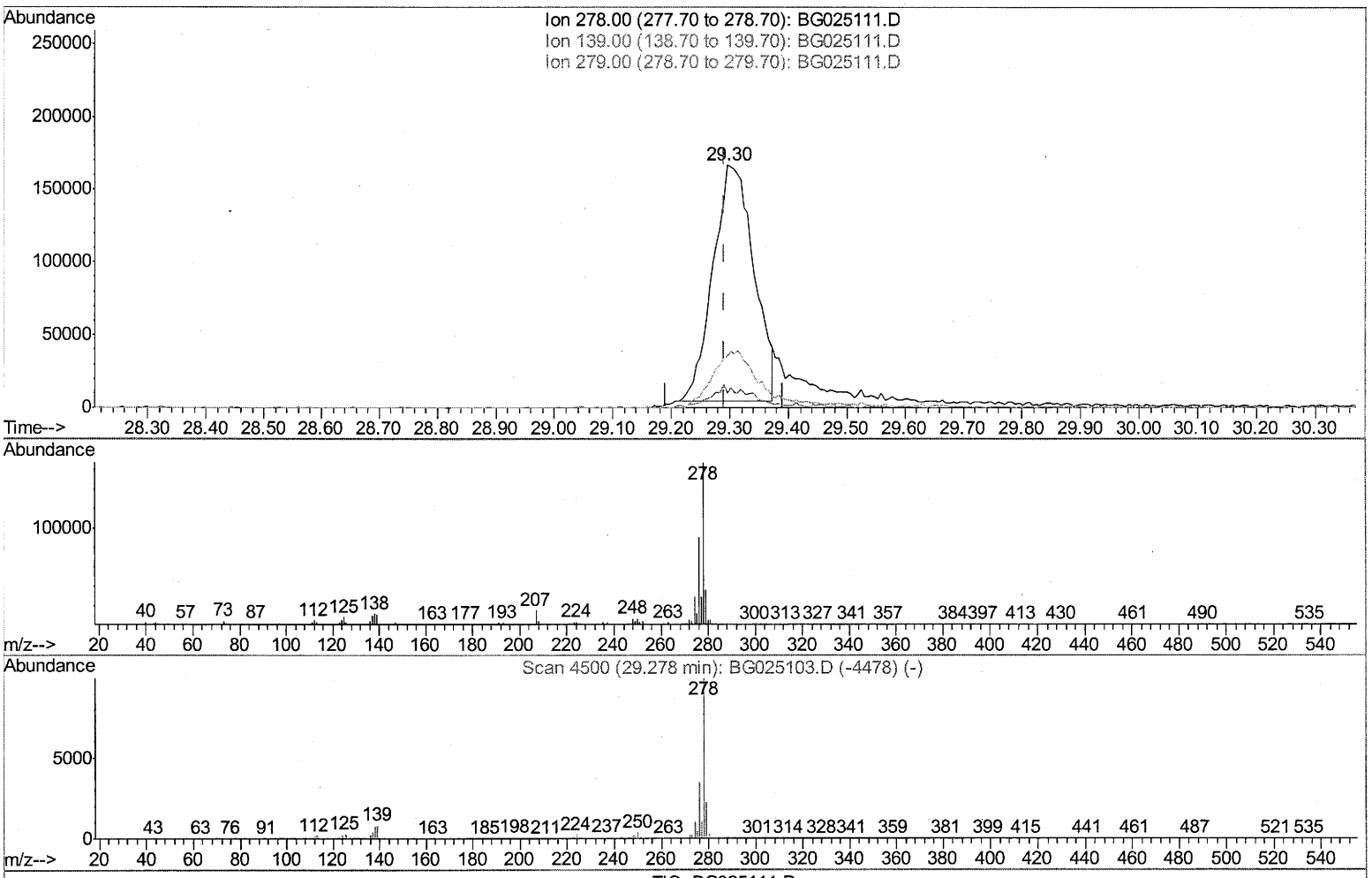

TIC: BG025111.D

(90) Dibenzo(a,h)anthracene

29.295min (+0.003) 15.57ng/ul

response 791065

Ion	Exp%	Act%
278.00	100	100
139.00	8.40	6.05#
279.00	26.10	21.27
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG121216\
Data File : BG025111.D
Acq On : 12 Dec 2016 10:36
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 13 00:10:57 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 12 03:23:22 2016
Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
SSTD02031

Manual Integrations APPROVED
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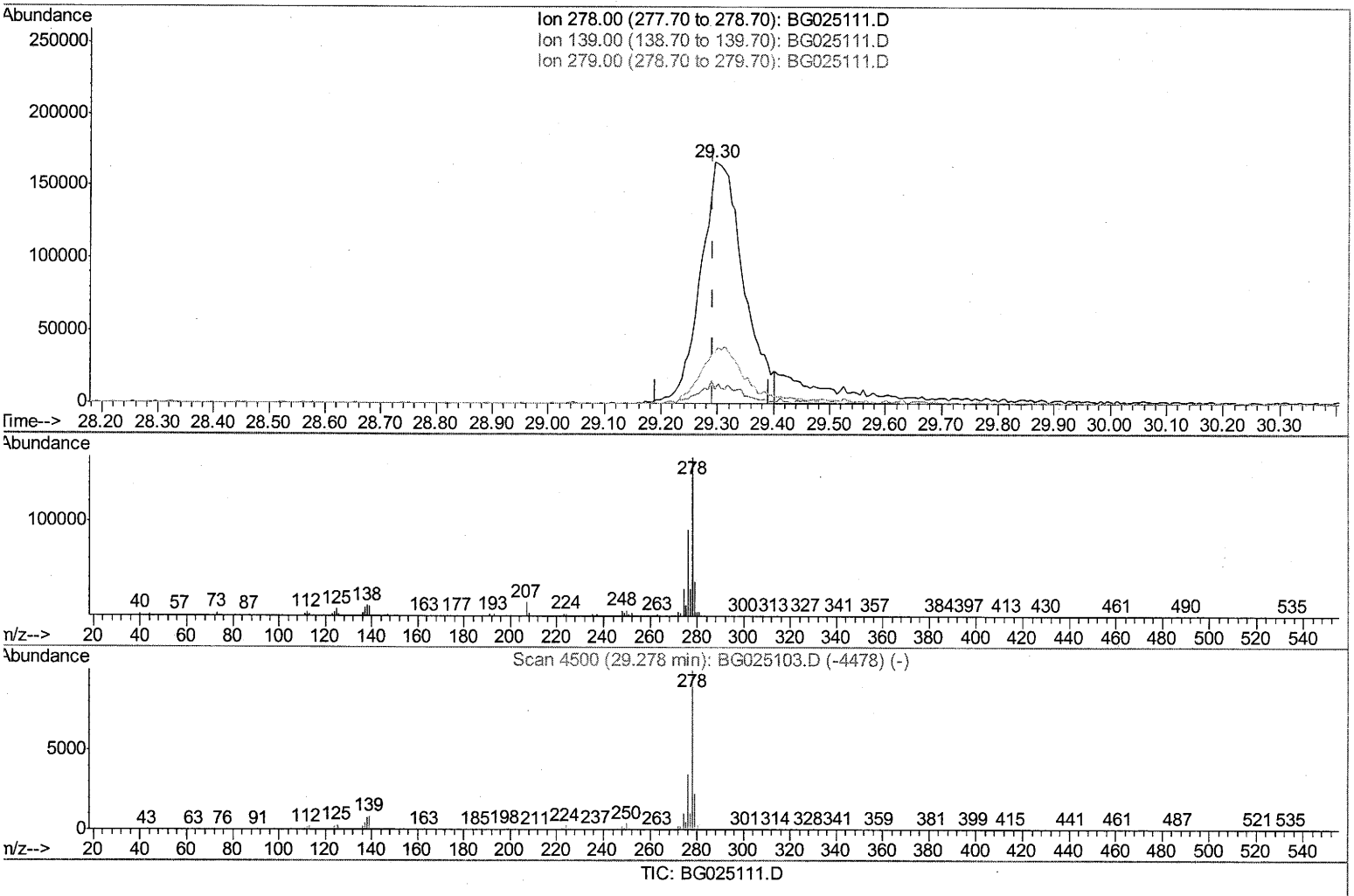

TIC: BG025111.D

(90) Dibenzo(a,h)anthracene

29.295min (+0.003) 17.45ng/ul m

response 886522

Ion	Exp%	Act%
278.00	100	100
139.00	8.40	6.05#
279.00	26.10	21.27
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG121216\
Data File : BG025111.D
Acq On : 12 Dec 2016 10:36
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 13 00:10:57 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 12 03:23:22 2016
Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
SSTD02031

Manual Integrations APPROVED
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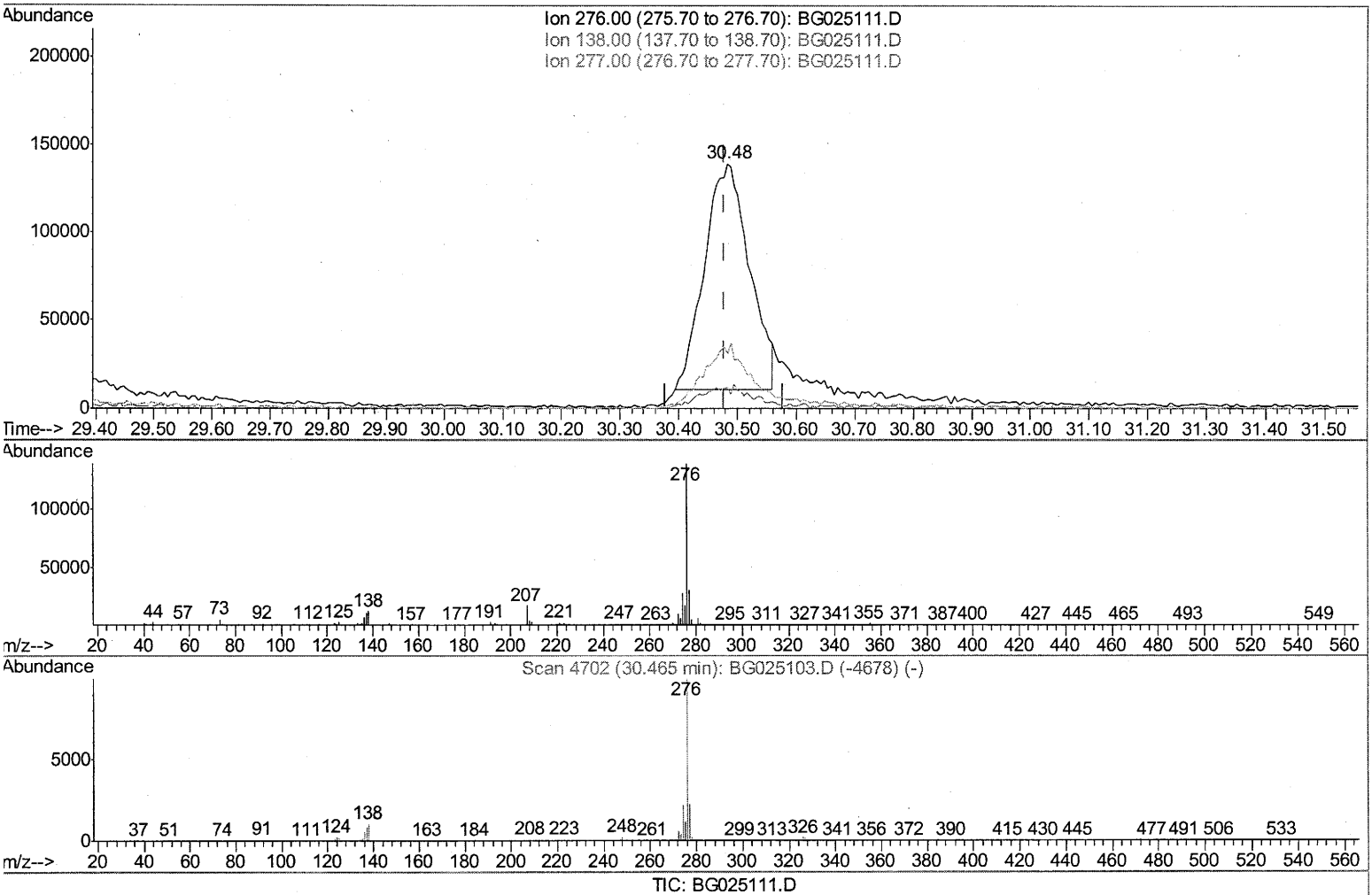
12/13/2016 6:06:20 PM



TIC: BG025111.D

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

30.482min (+0.003) 13.41ng/ul

response 674973

Ion	Exp%	Act%
276.00	100	100
138.00	10.70	8.80
277.00	22.00	22.33
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG121216\
Data File : BG025111.D
Acq On : 12 Dec 2016 10:36
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 13 00:10:57 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
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Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
SSTD02031

Manual Integrations APPROVED
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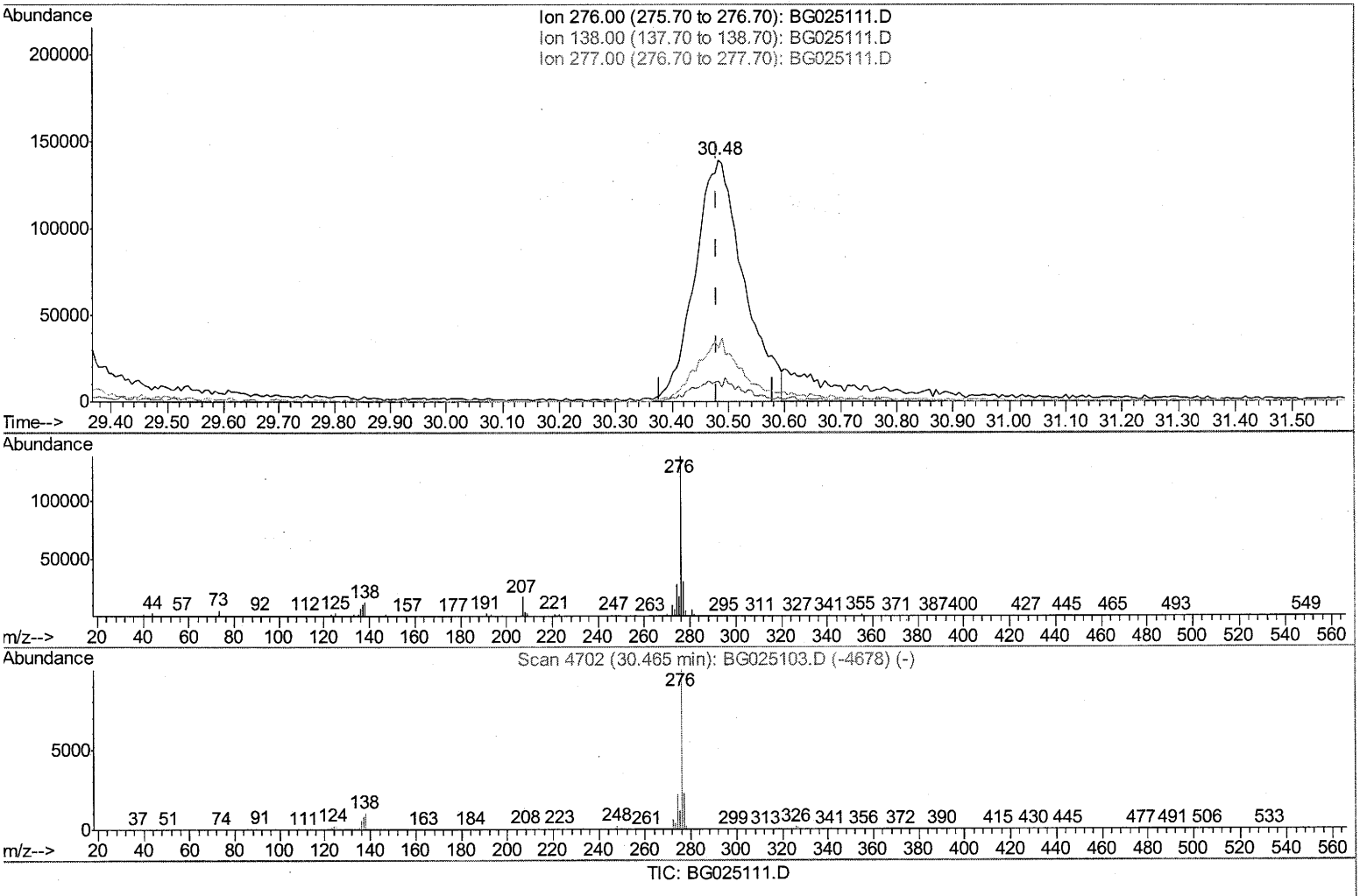

TIC: BG025111.D

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

30.482min (+0.003) 16.81ng/ul m UM

response 845922 12/13/16

Ion	Exp%	Act%
276.00	100	100
138.00	10.70	8.80
277.00	22.00	22.33
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
LabSampleId : SSTD02031

Manual Integrations APPROVED
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Quant Time: Dec 13 00:24:06 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 12 03:23:22 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.24	152	93859	20.00	ng/ul	0.00
18) Naphthalene-d8	11.07	136	401874	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.86	164	355408	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.60	188	813035	20.00	ng/ul	0.00
75) Chrysene-d12	21.90	240	1014075	20.00	ng/ul	0.00
83) Perylene-d12	25.32	264	1017567	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.59	96	15287	8.41	ng/uL	-0.01
5) Phenol-d5	7.39	99	173580	21.44	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.56	67	104981	20.96	ng/ul	0.00
9) 2-Chlorophenol-d4	7.77	132	123150	21.75	ng/ul	0.00
13) 4-Methylphenol-d8	8.94	113	136548	20.18	ng/ul	0.00
19) Nitrobenzene-d5	9.42	128	58146	20.43	ng/ul	0.00
22) 2-Nitrophenol-d4	10.14	143	73159	20.62	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.68	165	150191	22.01	ng/ul	0.00
29) 4-Chloroaniline-d4	11.20	131	172178	25.68	ng/ul	0.00
43) Dimethylphthalate-d6	14.25	166	487167	19.93	ng/ul	0.00
46) Acenaphthylene-d8	14.56	160	574513	21.45	ng/ul	0.00
51) 4-Nitrophenol-d4	15.05	143	81415	19.38	ng/ul	0.00
57) Fluorene-d10	15.85	176	477534	20.75	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.96	200	97533	19.40	ng/ul	0.00
70) Anthracene-d10	17.70	188	684356	19.94	ng/ul	0.00
76) Pyrene-d10	19.98	212	855769	20.49	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.08	264	871845	21.15	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.63	88	17133	7.24	ng/uL	98
4) Benzaldehyde	7.37	77	130921	21.48	ng/ul	94
6) Phenol	7.42	94	184005	22.14	ng/ul	92
8) Bis(2-Chloroethyl)ether	7.65	93	120513	19.82	ng/ul	96
10) 2-Chlorophenol	7.80	128	118370	20.79	ng/ul#	84
11) 2-Methylphenol	8.68	108	129703	21.20	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.76	45	232777	22.51	ng/ul	98
14) Acetophenone	9.07	105	207300	20.13	ng/ul#	89
15) N-Nitroso-di-n-propylamine	9.04	70	114841	19.31	ng/ul	92
16) 4-Methylphenol	9.01	108	142922	20.99	ng/ul	98
17) Hexachloroethane	9.32	117	48299	19.15	ng/ul	91
20) Nitrobenzene	9.46	77	179894	20.57	ng/ul	100
21) Isophorone	9.98	82	309548	18.70	ng/ul#	94
23) 2-Nitrophenol	10.17	139	76674	21.31	ng/ul	89
24) 2,4-Dimethylphenol	10.22	107	171417	20.83	ng/ul	94
25) Bis(2-Chloroethoxy)methane	10.45	93	171769	20.37	ng/ul#	93
27) 2,4-Dichlorophenol	10.71	162	149016	22.49	ng/ul	97
28) Naphthalene	11.12	128	376689	20.16	ng/ul	97
30) 4-Chloroaniline	11.23	127	166903	24.35	ng/ul#	86
31) Hexachlorobutadiene	11.38	225	115234	20.23	ng/ul	93
32) Caprolactam	11.99	113	52285	19.01	ng/ul	98
33) 4-Chloro-3-methylphenol	12.33	107	179019	21.92	ng/ul	98
34) 2-Methylnaphthalene	12.70	142	305958	20.75	ng/ul	91

Quantitation Report (QT Reviewed)

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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
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QLast Update : Mon Dec 12 03:23:22 2016
Response via : Initial Calibration

Instrument : BNA_G
LabSampleId : SSTD02031

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.06	216	215759	20.14	ng/ul	93
37) Hexachlorocyclopentadiene	13.03	237	91558	14.56	ng/ul	96
38) 2,4,6-Trichlorophenol	13.30	196	143985	21.40	ng/ul	91
39) 2,4,5-Trichlorophenol	13.38	196	162160	21.99	ng/ul	97
40) 1,1'-Biphenyl	13.70	154	442736	20.55	ng/ul	97
41) 2-Chloronaphthalene	13.74	162	346948	20.23	ng/ul	99
42) 2-Nitroaniline	13.95	65	151184	22.52	ng/ul	94
44) Dimethylphthalate	14.30	163	476823	19.85	ng/ul	96
45) 2,6-Dinitrotoluene	14.44	165	101625	19.69	ng/ul	93
47) Acenaphthylene	14.59	152	531922	20.43	ng/ul	99
48) 3-Nitroaniline	14.77	138	103911	23.24	ng/ul#	91
49) Acenaphthene	14.92	153	378167	21.20	ng/ul	99
50) 2,4-Dinitrophenol	14.98	184	54269	16.18	ng/ul	89
52) 4-Nitrophenol	15.08	109	107569	21.29	ng/ul	100
53) Dibenzofuran	15.25	168	584702	20.73	ng/ul	97
54) 2,4-Dinitrotoluene	15.22	165	160658	20.65	ng/ul#	96
55) 2,3,4,6-Tetrachlorophenol	15.48	232	167282	21.47	ng/ul	92
56) Diethylphthalate	15.65	149	491508	19.32	ng/ul	96
58) Fluorene	15.91	166	479199	20.87	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.88	204	263171	20.35	ng/ul	89
60) 4-Nitroaniline	15.93	138	106958	19.84	ng/ul	97
63) 4,6-Dinitro-2-methylphenol	15.98	198	102080	19.60	ng/ul#	94
64) N-Nitrosodiphenylamine	16.10	169	453237	21.67	ng/ul	92
65) 4-Bromophenyl-phenylether	16.78	248	195206	21.26	ng/ul	91
66) Hexachlorobenzene	16.90	284	220529	21.33	ng/ul	97
67) Atrazine	17.04	200	190711	19.18	ng/ul	97
68) Pentachlorophenol	17.25	266	118168	19.03	ng/ul#	87
69) Phenanthrene	17.64	178	798863	20.59	ng/ul	97
71) Anthracene	17.74	178	812549	20.37	ng/ul	99
72) Carbazole	18.01	167	697319	20.95	ng/ul	98
73) Di-n-butylphthalate	18.53	149	826307	19.66	ng/ul	99
74) Fluoranthene	19.64	202	1008485	21.87	ng/ul	99
77) Pyrene	20.01	202	1006952	20.66	ng/ul#	97
78) Butylbenzylphthalate	20.86	149	390951	20.48	ng/ul	95
79) 3,3'-Dichlorobenzidine	21.78	252	398400	22.54	ng/ul	96
80) Benzo(a)anthracene	21.87	228	1078656	20.47	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.73	149	512051	19.49	ng/ul	98
82) Chrysene	21.95	228	1016430	20.63	ng/ul	97
84) Di-n-octyl phthalate	22.99	149	895328	21.67	ng/ul	100
85) Benzo(b)fluoranthene	24.22	252	1052342m	20.86	ng/ul	
86) Benzo(k)fluoranthene	24.29	252	1017105m	21.21	ng/ul	
88) Benzo(a)pyrene	25.15	252	1019644	21.02	ng/ul#	99
89) Indeno(1,2,3-cd)pyrene	29.25	276	1065598m	17.67	ng/ul	
90) Dibenzo(a,h)anthracene	29.30	278	886522m	17.45	ng/ul	
91) Benzo(g,h,i)perylene	30.48	276	845922m	16.81	ng/ul	

UM 12/13/16

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