Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120120\
Data File : BG047533.D
Acq On : 2 Dec 2020 16:04
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 46 Sample Multiplier: 1

Quant Time: Dec 02 17:02:46 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Nov 23 13:14:53 2020
Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
SSTD02069

Manual Integrations APPROVED
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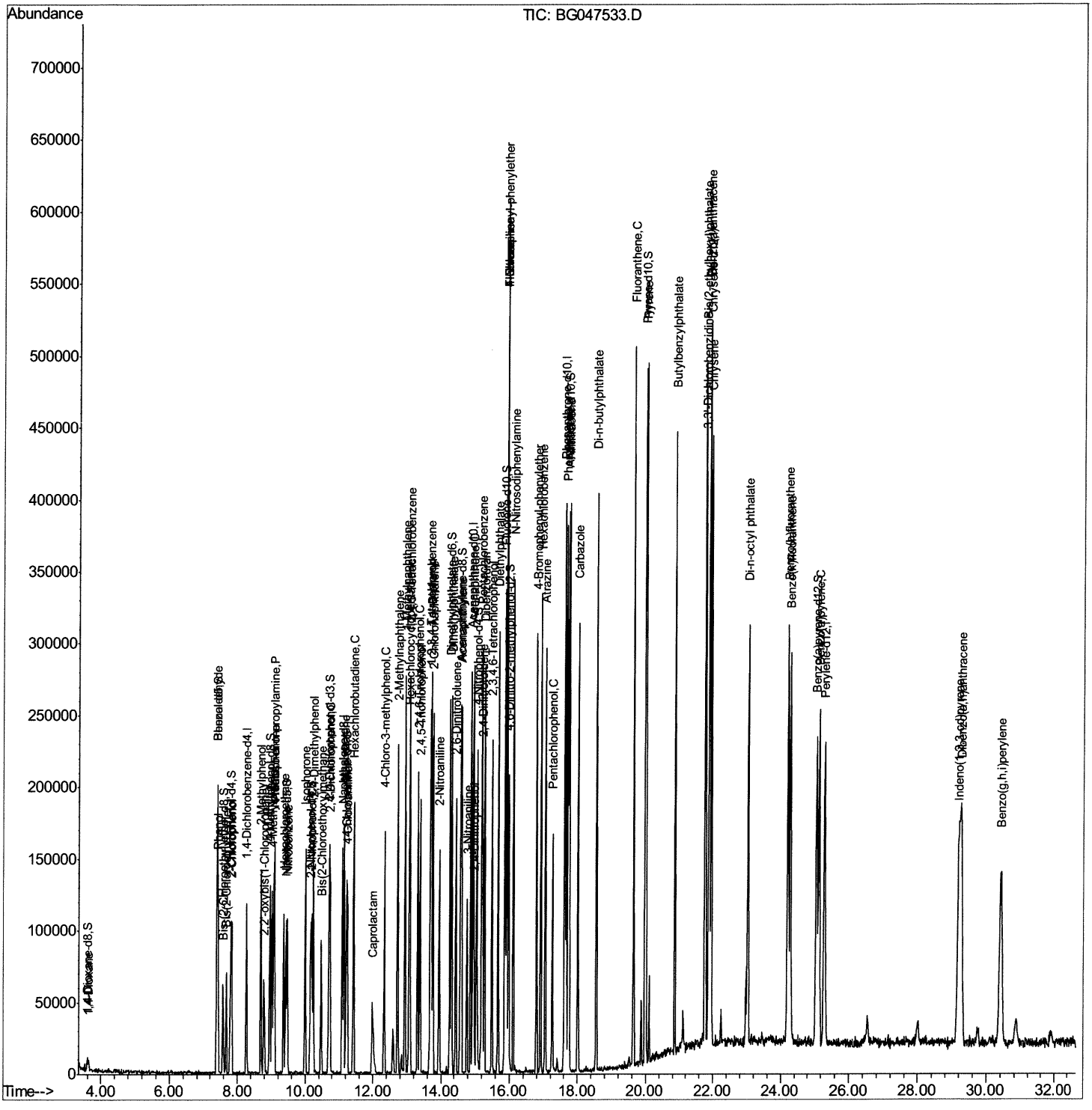

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120120\
Data File : BG047533.D
Acq On : 2 Dec 2020 16:04
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 46 Sample Multiplier: 1

Quant Time: Dec 02 16:59:37 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Nov 23 13:14:53 2020
Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
SSTD02069

Manual Integrations APPROVED
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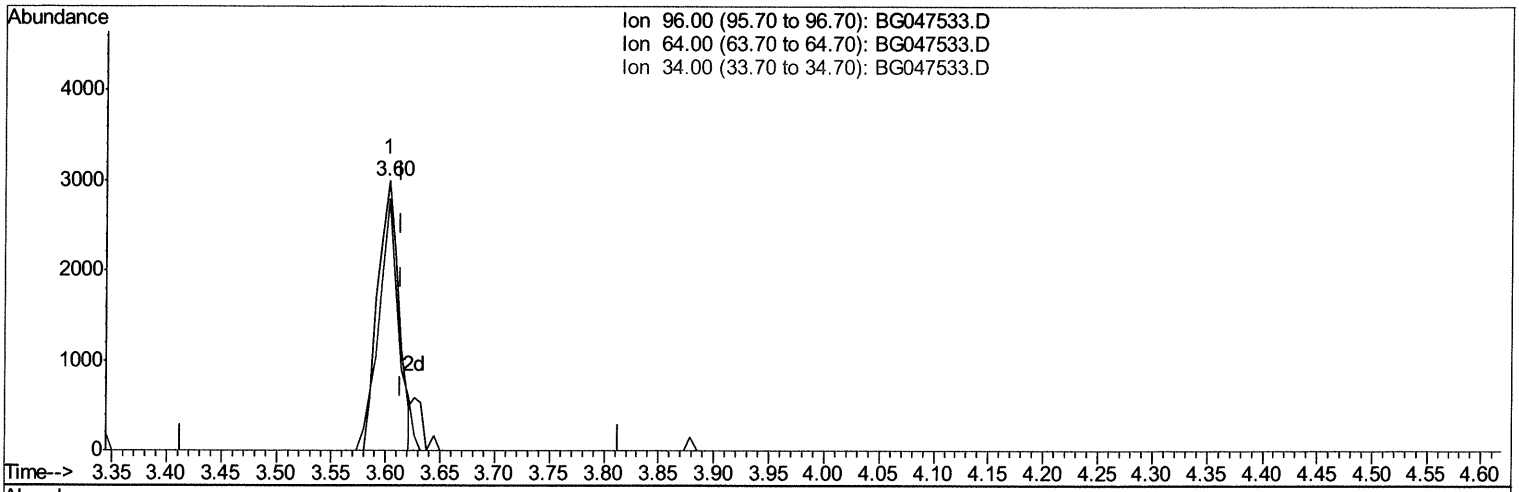
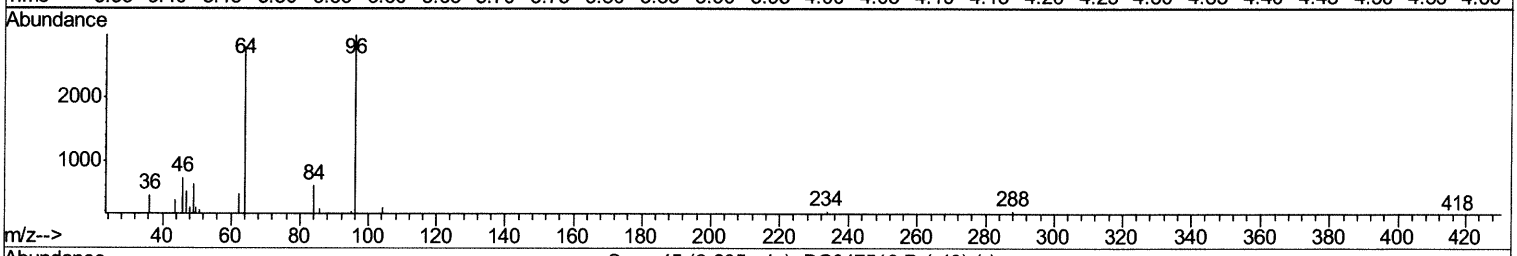
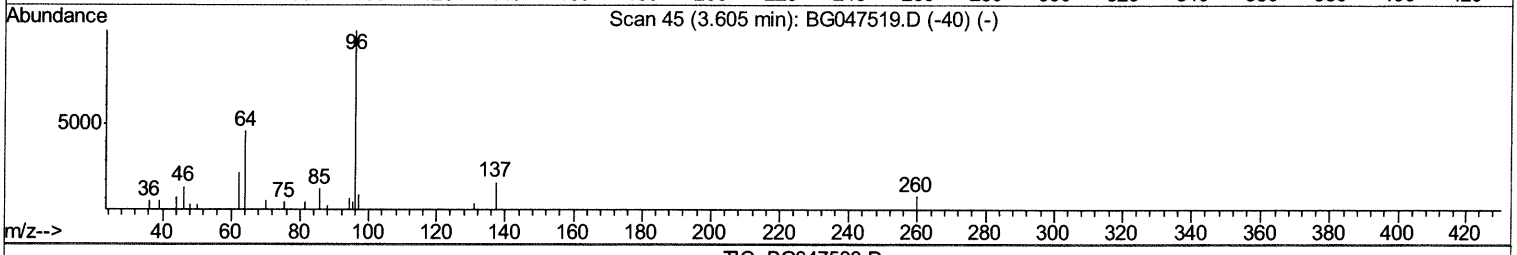
12/3/2020 3:35:14 PM







TIC: BG047533.D

(3) 1,4-Dioxane-d8 (S)

3.603min (-0.010) 4.93ng/uL

response 4024

Ion	Exp%	Act%
96.00	100	100
64.00	88.60	93.29
34.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120120\
Data File : BG047533.D
Acq On : 2 Dec 2020 16:04
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 46 Sample Multiplier: 1

Quant Time: Dec 02 16:59:37 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Nov 23 13:14:53 2020
Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
SSTD02069

Manual Integrations APPROVED
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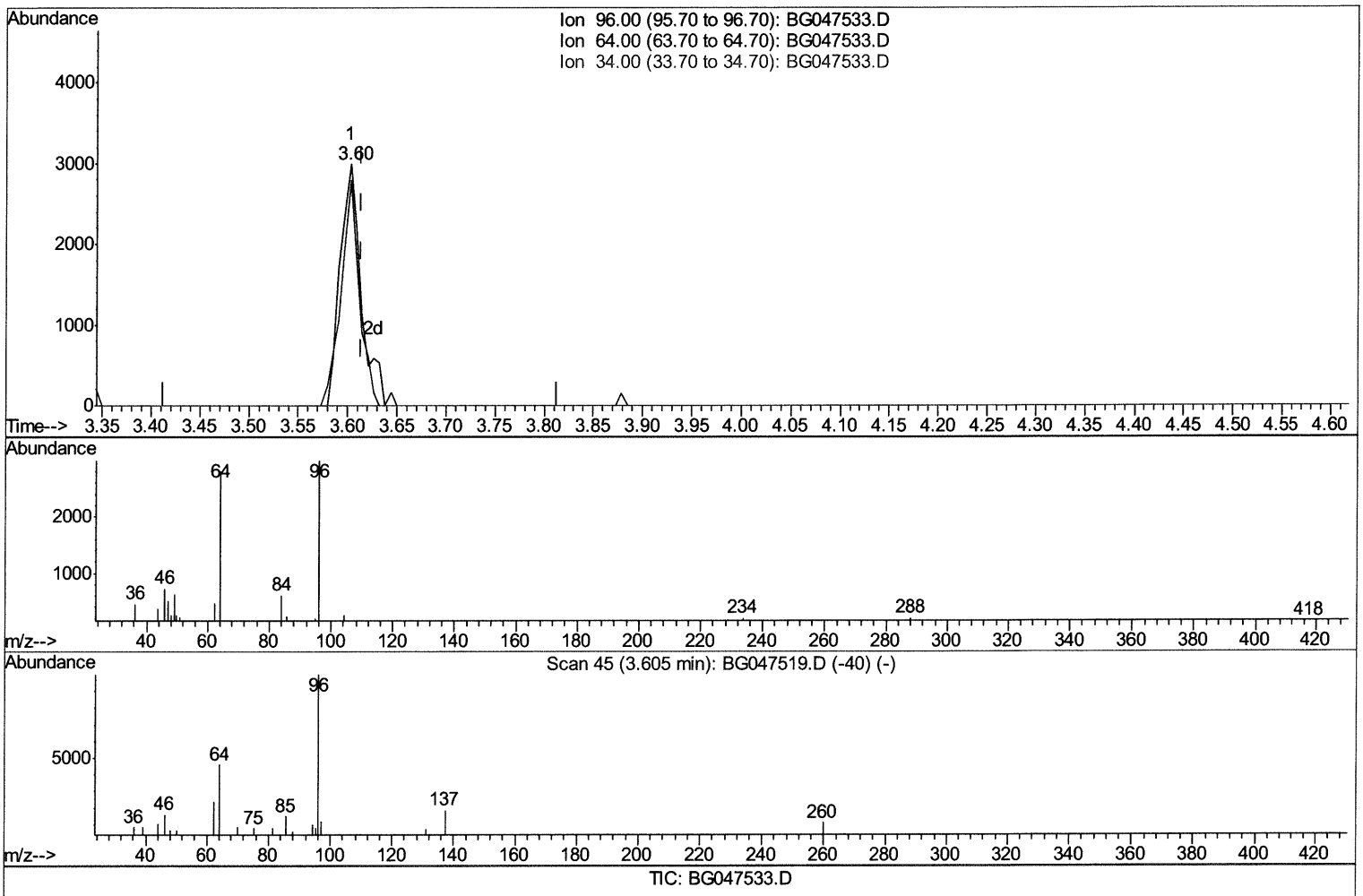

TIC: BG047533.D

(3) 1,4-Dioxane-d8 (S)

3.603min (-0.010) 5.41ng/uL m 12/04/20 JU

response 4416

Ion	Exp%	Act%
96.00	100	100
64.00	88.60	93.29
34.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120120\
Data File : BG047533.D
Acq On : 2 Dec 2020 16:04
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 46 Sample Multiplier: 1

Quant Time: Dec 02 16:59:37 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Nov 23 13:14:53 2020
Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
SSTD02069

Manual Integrations APPROVED
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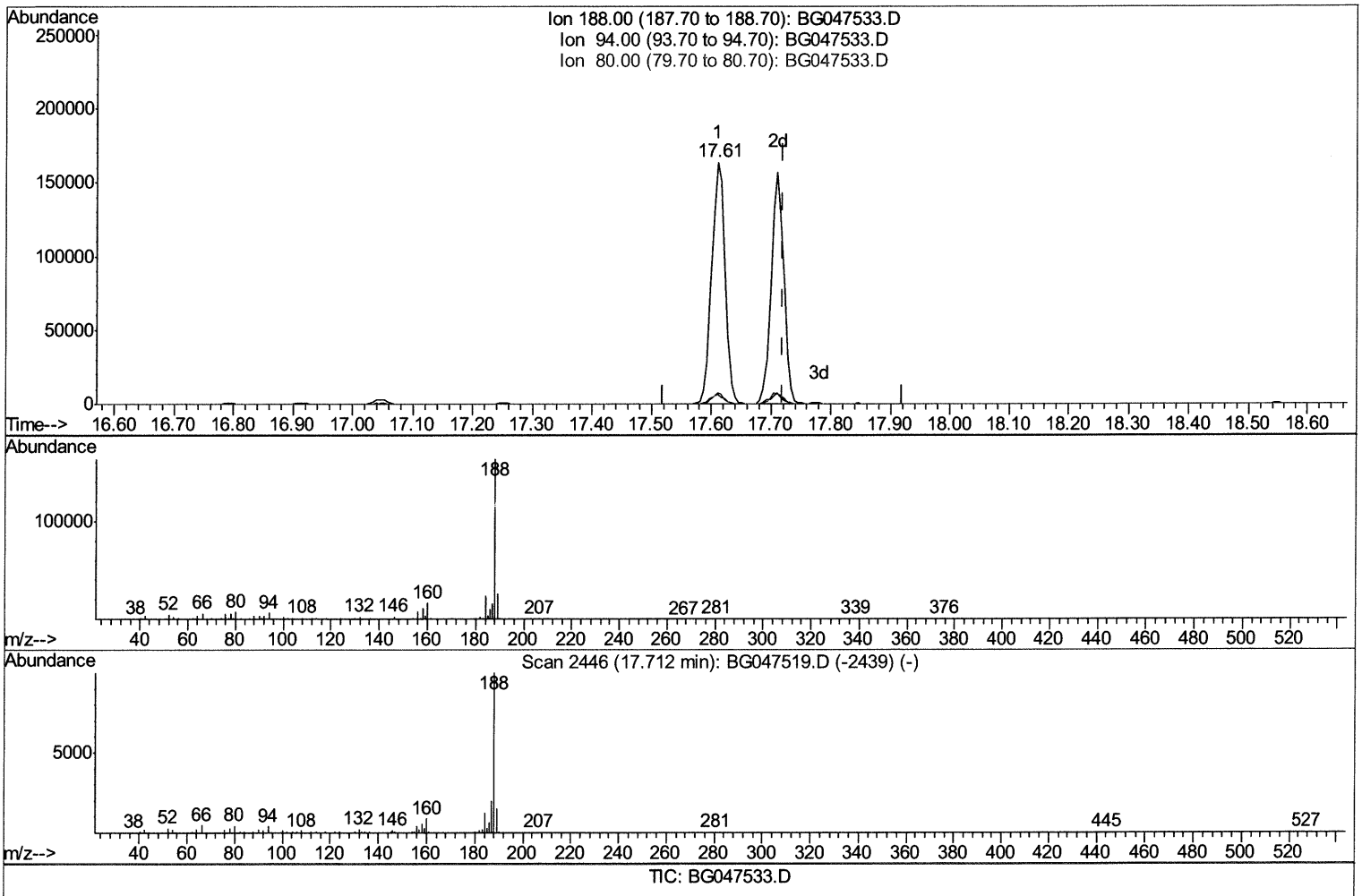

TIC: BG047533.D

(71) Anthracene-d10 (S)

17.610min (-0.110) 20.16ng/ul

response 254498

Ion	Exp%	Act%
188.00	100	100
94.00	4.50	4.00
80.00	5.10	4.61
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120120\
Data File : BG047533.D
Acq On : 2 Dec 2020 16:04
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 46 Sample Multiplier: 1

Quant Time: Dec 02 16:59:37 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Nov 23 13:14:53 2020
Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
SSTD02069

Manual Integrations APPROVED
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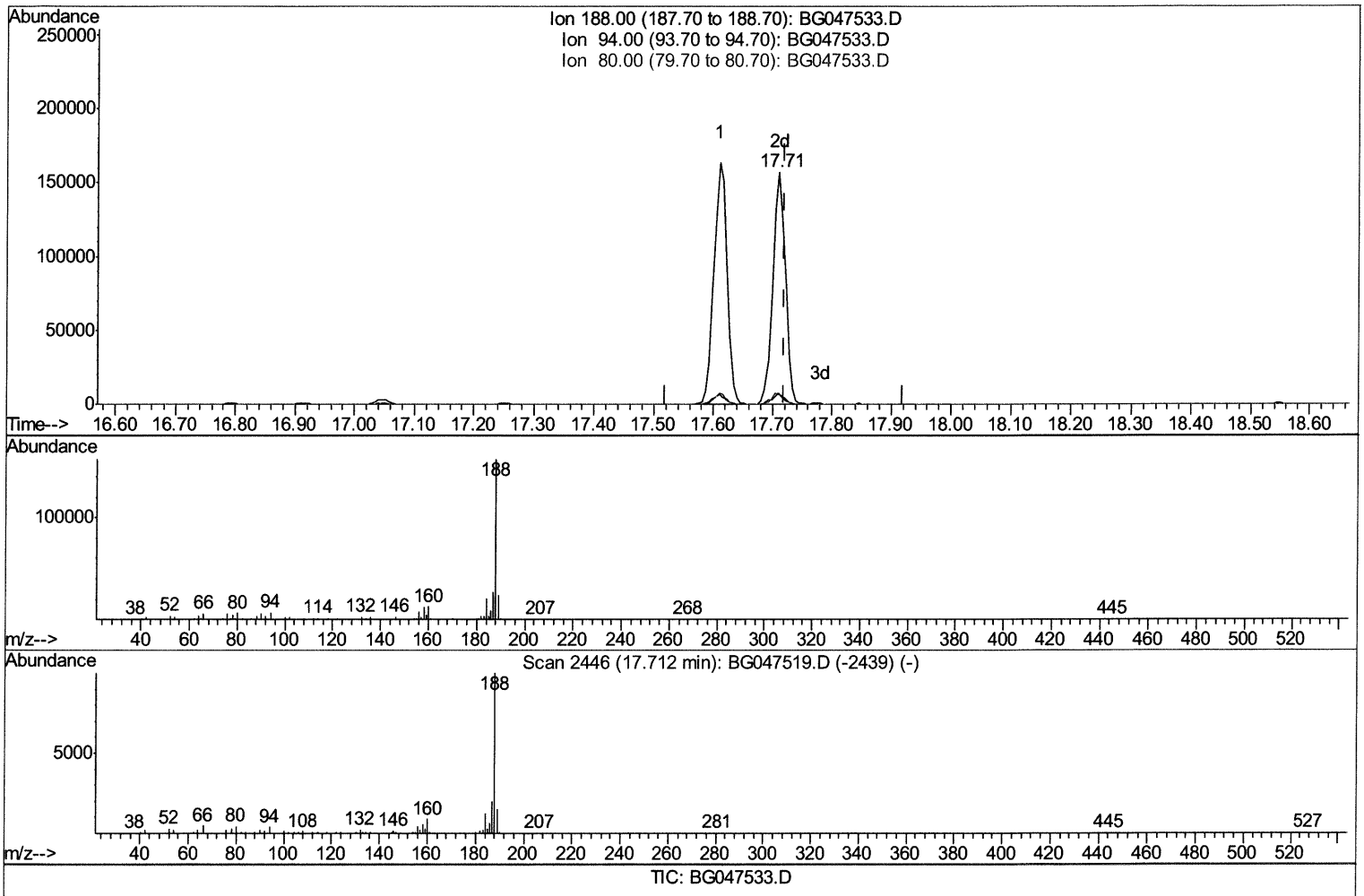

TIC: BG047533.D

(71) Anthracene-d10 (S)

17.710min (-0.010) 18.46ng/ul m 12/04/20 JU

response 233027

Ion	Exp%	Act%
188.00	100	100
94.00	4.50	4.53
80.00	5.10	4.07#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120120\
Data File : BG047533.D
Acq On : 2 Dec 2020 16:04
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 46 Sample Multiplier: 1

Quant Time: Dec 02 16:59:37 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Nov 23 13:14:53 2020
Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
SSTD02069

Manual Integrations APPROVED
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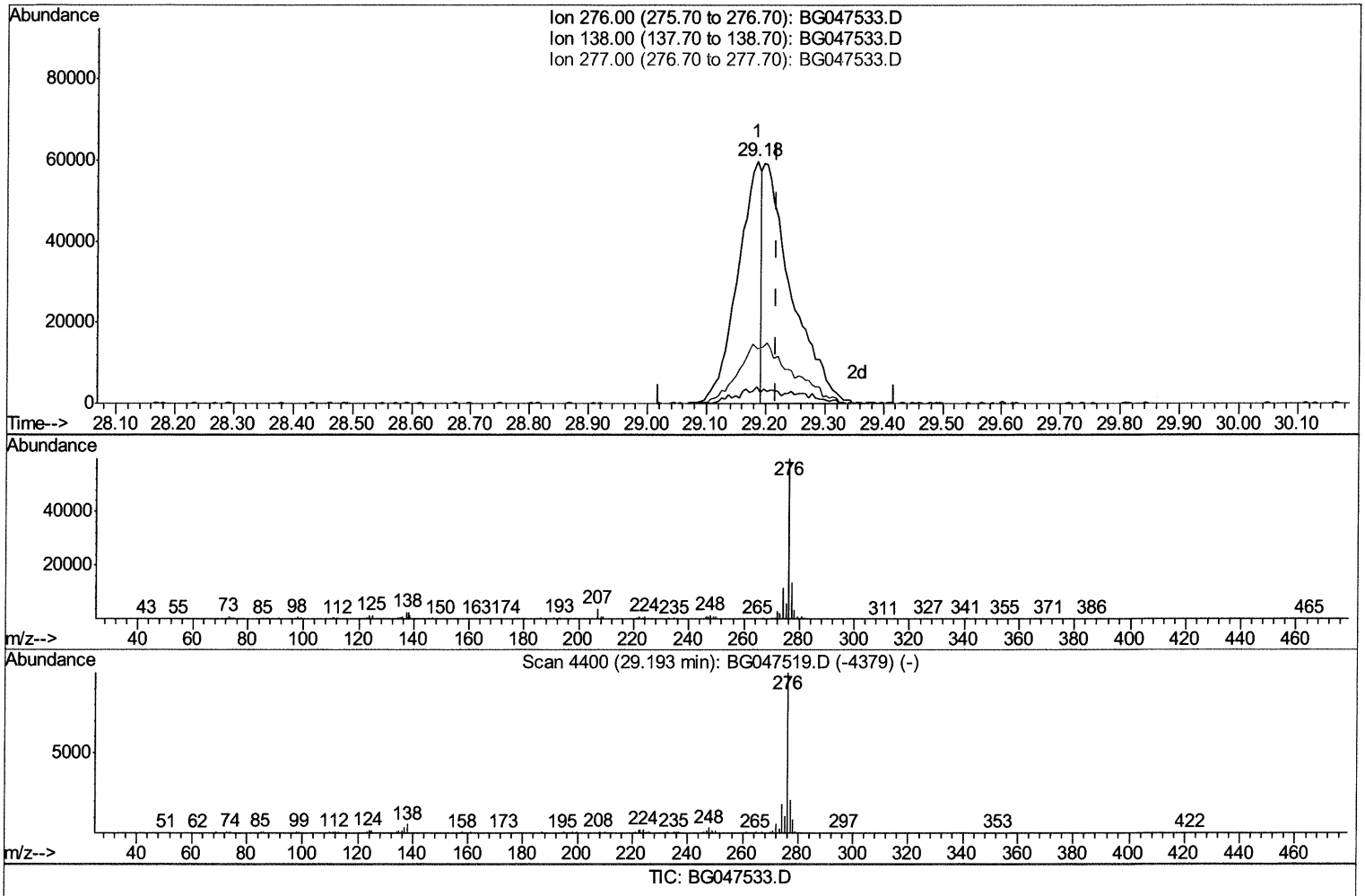

TIC: BG047533.D

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

29.185min (-0.034) 8.55ng/ul

response 163811

Ion	Exp%	Act%
276.00	100	100
138.00	6.30	6.84
277.00	20.60	22.82
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120120\
Data File : BG047533.D
Acq On : 2 Dec 2020 16:04
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 46 Sample Multiplier: 1

Quant Time: Dec 02 16:59:37 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Nov 23 13:14:53 2020
Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
SSTD02069

Manual Integrations APPROVED
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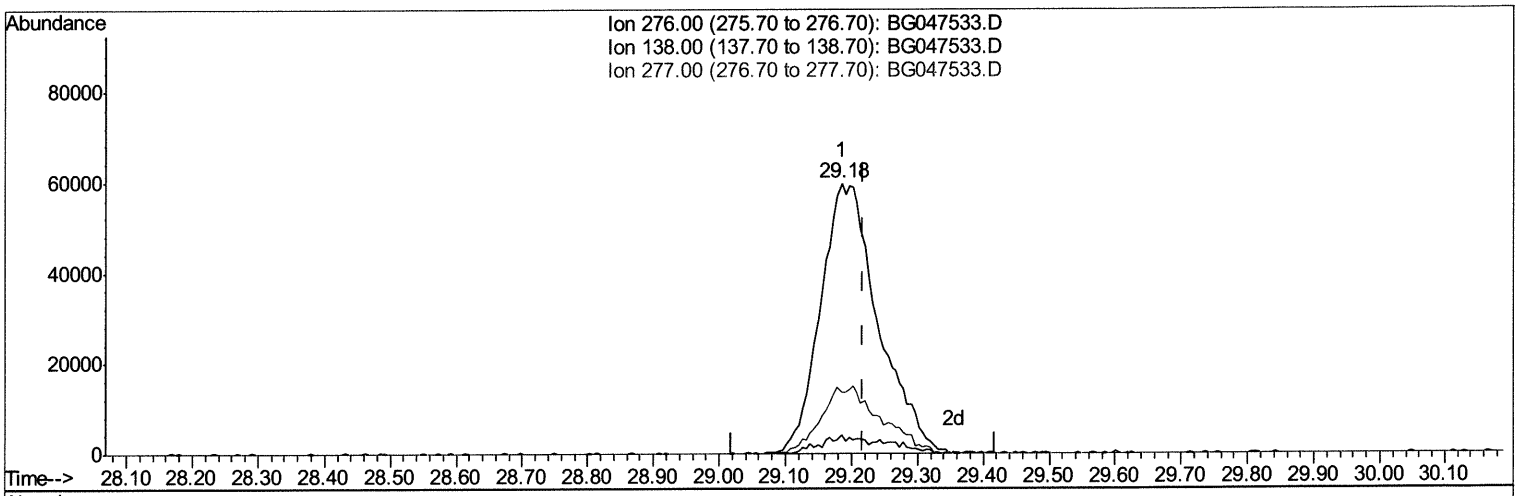

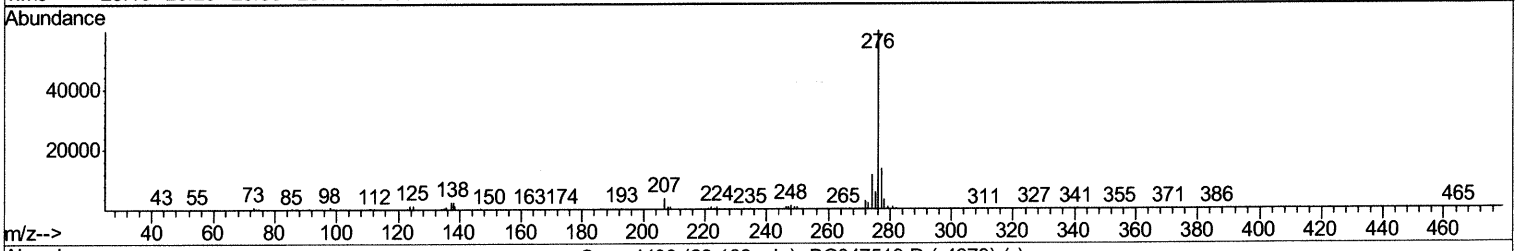

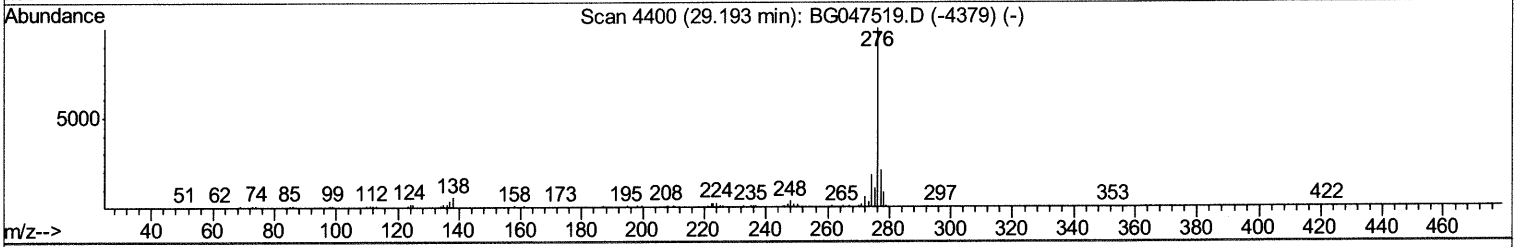

TIC: BG047533.D

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

29.185min (-0.034) 18.84ng/ul m 12/04/20 JU

response 360858

Ion	Exp%	Act%
276.00	100	100
138.00	6.30	4.38#
277.00	20.60	22.82
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120120\
Data File : BG047533.D
Acq On : 2 Dec 2020 16:04
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 46 Sample Multiplier: 1

Quant Time: Dec 02 16:59:37 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Nov 23 13:14:53 2020
Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
SSTD02069

Manual Integrations APPROVED
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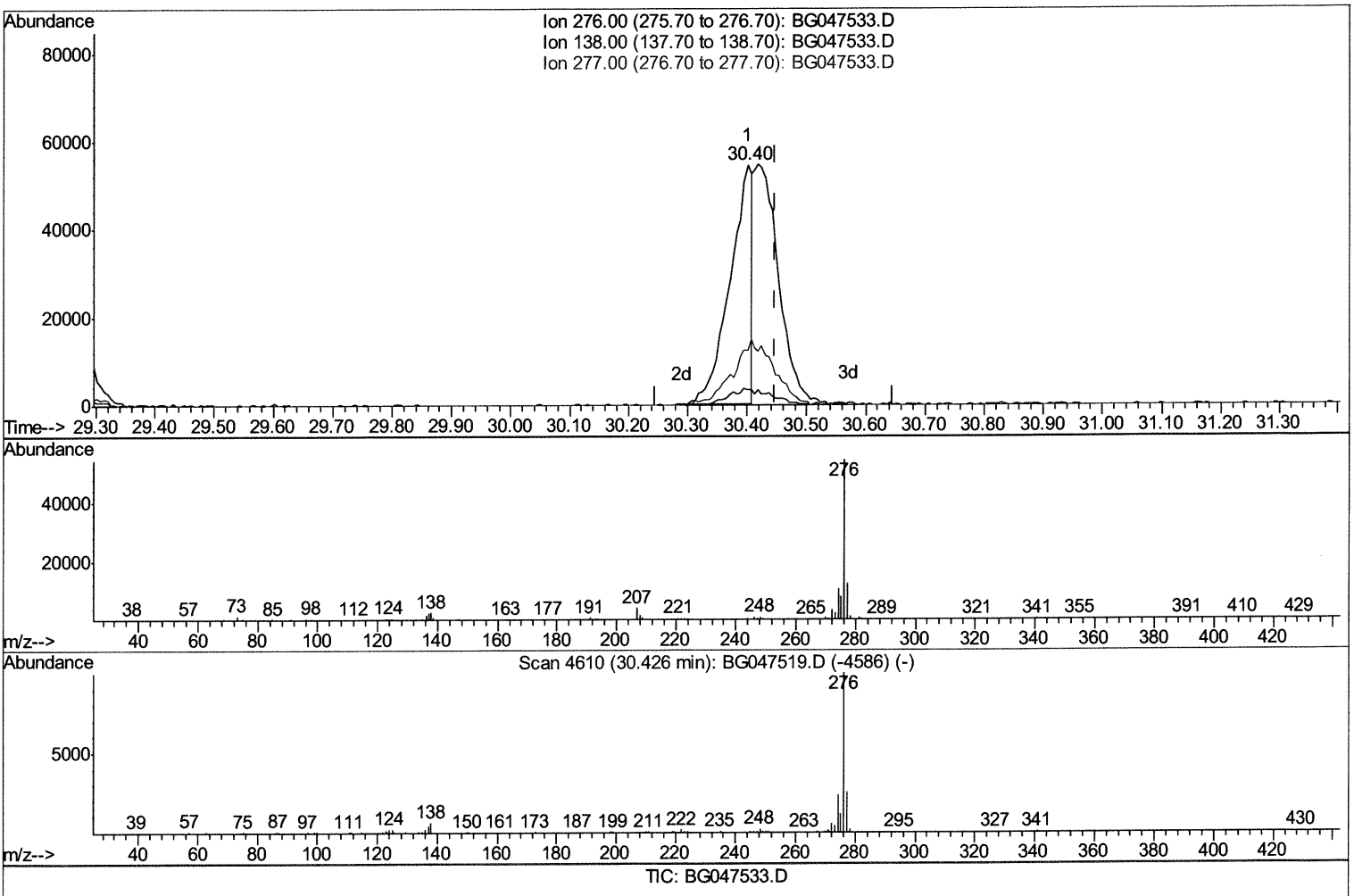

TIC: BG047533.D

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

30.401min (-0.046) 8.77ng/ul

response 138627

Ion	Exp%	Act%
276.00	100	100
138.00	7.20	6.36
277.00	21.80	22.97
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120120\
Data File : BG047533.D
Acq On : 2 Dec 2020 16:04
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 46 Sample Multiplier: 1

Quant Time: Dec 02 16:59:37 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Nov 23 13:14:53 2020
Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
SSTD02069

Manual Integrations APPROVED
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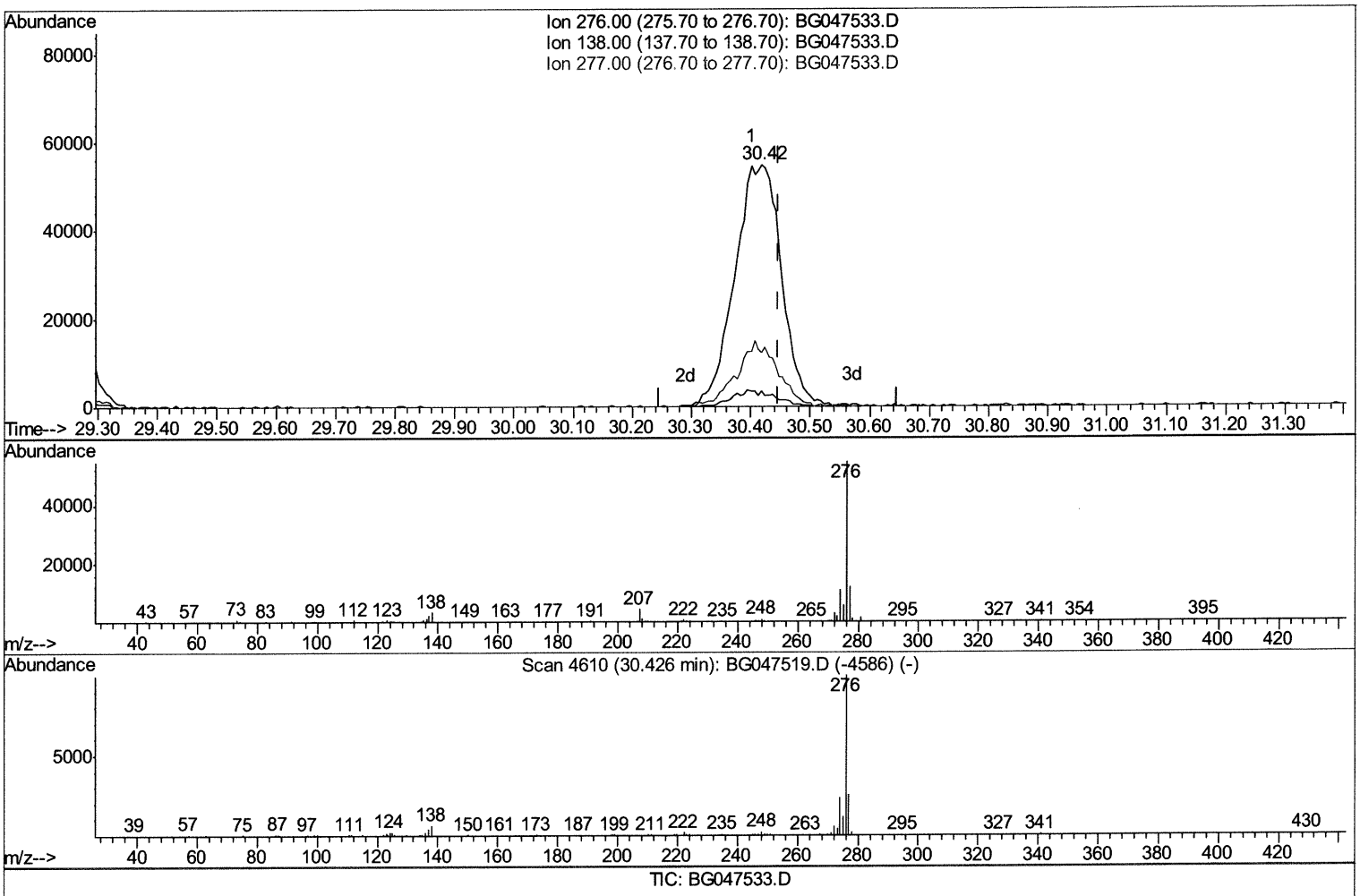

TIC: BG047533.D

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

30.418min (-0.028) 18.79ng/ul m 12/04/20 JU

response 297093

Ion	Exp%	Act%
276.00	100	100
138.00	7.20	6.30
277.00	21.80	22.27
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120120\
Data File : BG047533.D
Acq On : 2 Dec 2020 16:04
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 46 Sample Multiplier: 1

Quant Time: Dec 02 17:02:46 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Nov 23 13:14:53 2020
Response via : Initial Calibration

Instrument : BNA_G
LabSampleId : SSTD02069

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.27	152	29652	20.00	ng/ul	-0.01
18) Naphthalene-d8	11.09	136	119438	20.00	ng/ul	-0.02
36) Acenaphthene-d10	14.88	164	94690	20.00	ng/ul	-0.01
62) Phenanthrene-d10	17.61	188	254498	20.00	ng/ul	-0.01
78) Chrysene-d12	21.89	240	235603	20.00	ng/ul	-0.01
86) Perylene-d12	25.29	264	250219	20.00	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.60	96	4416m>	5.41	ng/uL>	-0.01 12/04/20 JU
5) Phenol-d5	7.40	99	51379	17.28	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	7.57	67	26145	15.42	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.79	132	36947	18.52	ng/ul	-0.02
13) 4-Methylphenol-d8	8.96	113	39560	17.31	ng/ul	-0.01
19) Nitrobenzene-d5	9.43	128	19557	19.82	ng/ul	-0.01
22) 2-Nitrophenol-d4	10.16	143	23216	21.57	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	10.69	165	50412	20.45	ng/ul	-0.02
29) 4-Chloroaniline-d4	11.21	131	48913	19.62	ng/ul	-0.02
44) Dimethylphthalate-d6	14.27	166	151492	18.64	ng/ul	-0.02
47) Acenaphthylene-d8	14.57	160	179315	19.09	ng/ul	-0.01
52) 4-Nitrophenol-d4	15.04	143	23494	18.94	ng/ul	0.00
58) Fluorene-d10	15.86	176	143148	19.22	ng/ul	-0.01
63) 4,6-Dinitro-2-methylphenol	15.96	200	29403	20.30	ng/ul	-0.01
71) Anthracene-d10	17.71	188	233027m>	18.46	ng/ul>	-0.01 12/04/20 JU
79) Pyrene-d10	19.98	212	260432	19.00	ng/ul	0.00
90) Benzo(a)pyrene-d12	25.05	264	267068	18.54	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.64	88	3707	4.404	ng/uL#	62
4) Benzaldehyde	7.39	77	31783	18.095	ng/ul	91
6) Phenol	7.42	94	48373	16.979	ng/ul	92
8) Bis(2-Chloroethyl)ether	7.67	93	33844	16.093	ng/ul	94
10) 2-Chlorophenol	7.82	128	36340	18.055	ng/ul#	88
11) 2-Methylphenol	8.69	108	37130	16.776	ng/ul	95
12) 2,2'-oxybis(1-Chloropropan	8.78	45	33418	15.107	ng/ul#	93
14) Acetophenone	9.08	105	64658	18.370	ng/ul	93
15) N-Nitroso-di-n-propylamine	9.07	70	35560	16.746	ng/ul#	87
16) 4-Methylphenol	9.02	108	40944	17.627	ng/ul	99
17) Hexachloroethane	9.36	117	17988	19.018	ng/ul	95
20) Nitrobenzene	9.47	77	57754	18.100	ng/ul#	94
21) Isophorone	10.00	82	100345	16.500	ng/ul#	95
23) 2-Nitrophenol	10.19	139	22698	19.396	ng/ul#	75
24) 2,4-Dimethylphenol	10.24	107	54793	18.445	ng/ul	94
25) Bis(2-Chloroethoxy)methane	10.48	93	47042	16.082	ng/ul	94
27) 2,4-Dichlorophenol	10.72	162	44825	20.485	ng/ul	98
28) Naphthalene	11.14	128	125326	18.526	ng/ul	98
30) 4-Chloroaniline	11.24	127	48501	20.417	ng/ul	99
31) Hexachlorobutadiene	11.42	225	44517	21.624	ng/ul	97
32) Caprolactam	11.99	113	14861	18.633	ng/ul#	82
33) 4-Chloro-3-methylphenol	12.33	107	48646	17.988	ng/ul	93
34) 2-Methylnaphthalene	12.73	142	100370	20.022	ng/ul	84

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120120\
Data File : BG047533.D
Acq On : 2 Dec 2020 16:04
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 46 Sample Multiplier: 1

Quant Time: Dec 02 17:02:46 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Nov 23 13:14:53 2020
Response via : Initial Calibration

Instrument : BNA_G
LabSampleId : SSTD02069

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.94	142	111666	18.952 ng/uL	99
37) 1,2,4,5-Tetrachlorobenzene	13.09	216	74049	19.901 ng/ul	98
38) Hexachlorocyclopentadiene	13.06	237	46250	17.863 ng/ul	96
39) 2,4,6-Trichlorophenol	13.31	196	44731	19.359 ng/ul	98
40) 2,4,5-Trichlorophenol	13.39	196	50577	21.083 ng/ul	91
41) 1,1'-Biphenyl	13.71	154	138552	18.864 ng/ul	99
42) 2-Chloronaphthalene	13.76	162	109696	18.841 ng/ul	99
43) 2-Nitroaniline	13.95	65	40976	19.350 ng/ul	95
45) Dimethylphthalate	14.32	163	156947	18.928 ng/ul	97
46) 2,6-Dinitrotoluene	14.44	165	33082	20.835 ng/ul	97
48) Acenaphthylene	14.60	152	168714	19.322 ng/ul#	94
49) 3-Nitroaniline	14.77	138	25186	20.313 ng/ul	90
50) Acenaphthene	14.94	153	115285	18.823 ng/ul	98
51) 2,4-Dinitrophenol	14.97	184	17282	20.425 ng/ul#	70
53) 4-Nitrophenol	15.05	109	37715	21.004 ng/ul	95
54) Dibenzofuran	15.27	168	168746	18.758 ng/ul	96
55) 2,4-Dinitrotoluene	15.22	165	47740	21.191 ng/ul	93
56) 2,3,4,6-Tetrachlorophenol	15.49	232	47987	20.887 ng/ul#	96
57) Diethylphthalate	15.67	149	153743	18.900 ng/ul	99
59) Fluorene	15.92	166	144486	19.065 ng/ul	94
60) 4-Chlorophenyl-phenylether	15.91	204	91544	20.109 ng/ul	93
61) 4-Nitroaniline	15.92	138	28994	19.972 ng/ul	88
64) 4,6-Dinitro-2-methylphenol	15.98	198	30021	19.804 ng/ul#	97
65) N-Nitrosodiphenylamine	16.11	169	128876	17.741 ng/ul	97
66) 4-Bromophenyl-phenylether	16.79	248	62714	19.398 ng/ul	93
67) Hexachlorobenzene	16.92	284	68367	20.215 ng/ul	96
68) Atrazine	17.05	200	59374	18.569 ng/ul	94
69) Pentachlorophenol	17.26	266	31628	15.988 ng/ul	90
70) Phenanthrene	17.66	178	249933	18.186 ng/ul	99
72) Anthracene	17.75	178	252982	18.278 ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.69	216	76303	19.073 ng/uL	96
74) Pentachlorobenzene	15.19	250	73323	19.063 ng/uL	95
75) Carbazole	18.00	167	201566	18.054 ng/ul	96
76) Di-n-butylphthalate	18.55	149	251805	17.706 ng/ul	98
77) Fluoranthene	19.64	202	329987	19.012 ng/ul	99
80) Pyrene	20.00	202	317866	19.046 ng/ul	99
81) Butylbenzylphthalate	20.87	149	105662	18.027 ng/ul	95
82) 3,3'-Dichlorobenzidine	21.78	252	102639	18.661 ng/ul	85
83) Benzo(a)anthracene	21.88	228	303949	18.132 ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.76	149	147216	18.019 ng/ul	95
85) Chrysene	21.94	228	294599	18.467 ng/ul	99
87) Di-n-octyl phthalate	23.03	149	244845	17.668 ng/ul	100
88) Benzo(b)fluoranthene	24.21	252	336790	19.063 ng/ul	97
89) Benzo(k)fluoranthene	24.28	252	314045	18.038 ng/ul	98
91) Benzo(a)pyrene	25.13	252	292836	18.594 ng/ul#	99
92) Indeno(1,2,3-cd)pyrene	29.18	276	360858m >	18.837 ng/ul >	12/04/20 JU
93) Dibenzo(a,h)anthracene	29.26	278	304194	19.367 ng/ul#	94
94) Benzo(g,h,i)perylene	30.42	276	297093m >	18.795 ng/ul >	12/04/20 JU

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120120\
Data File : BG047533.D
Acq On : 2 Dec 2020 16:04
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 46 Sample Multiplier: 1

Quant Time: Dec 02 17:02:46 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Nov 23 13:14:53 2020
Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
SSTD02069

Manual Integrations APPROVED
mohammad
12/3/2020 3:35:14 PM

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

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