Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080319\
Data File : BG041961.D
Acq On : 5 Aug 2019 12:13
Operator : HP/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 62 Sample Multiplier: 1

Quant Time: Aug 05 13:23:22 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 05 11:40:45 2019
Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
SSTD02083

Manual Integrations APPROVED
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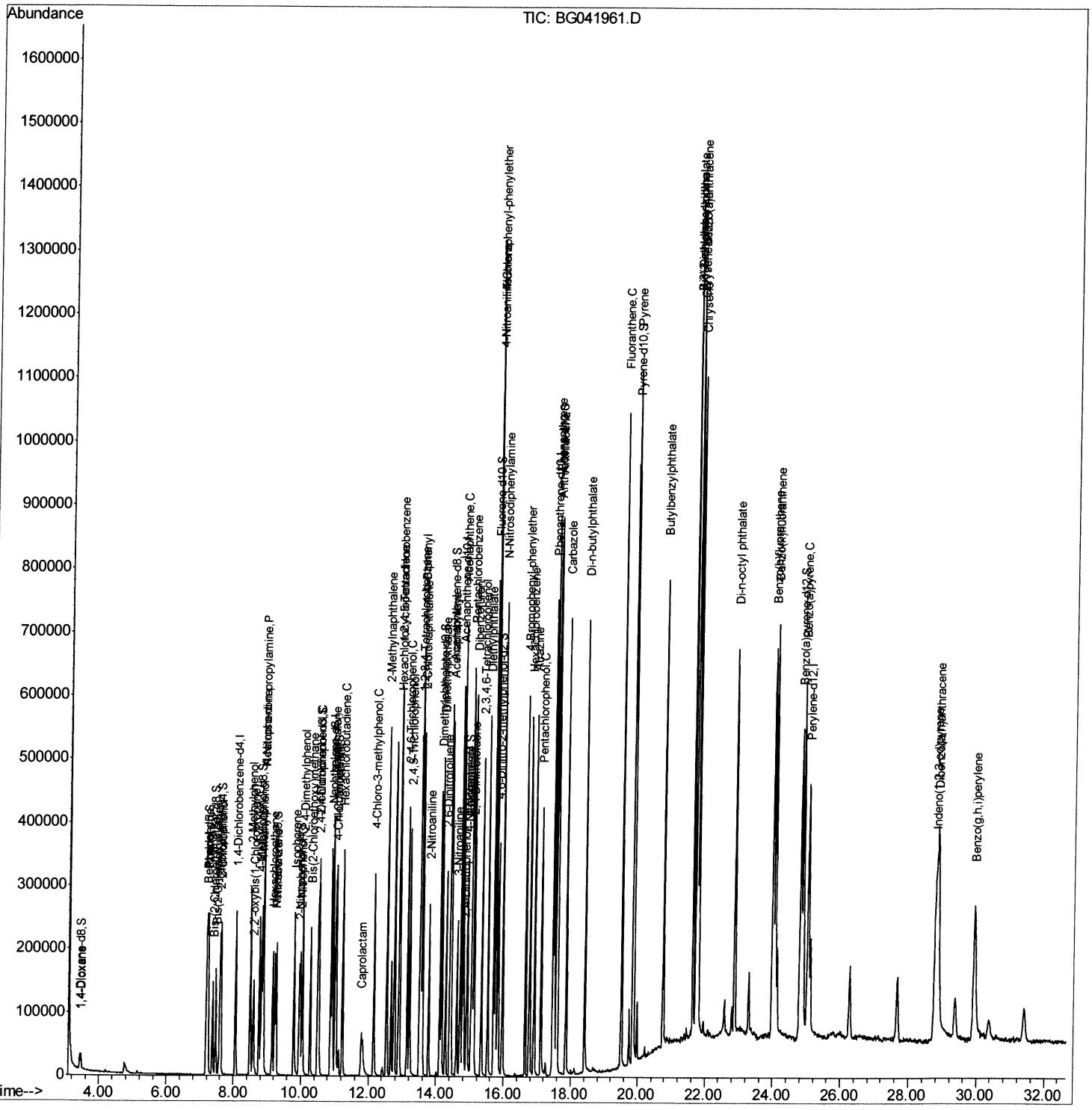

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080319\
Data File : BG041961.D
Acq On : 5 Aug 2019 12:13
Operator : HP/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 62 Sample Multiplier: 1

Quant Time: Aug 05 13:07:16 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 05 11:40:45 2019
Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
SSTD02083

Manual Integrations APPROVED
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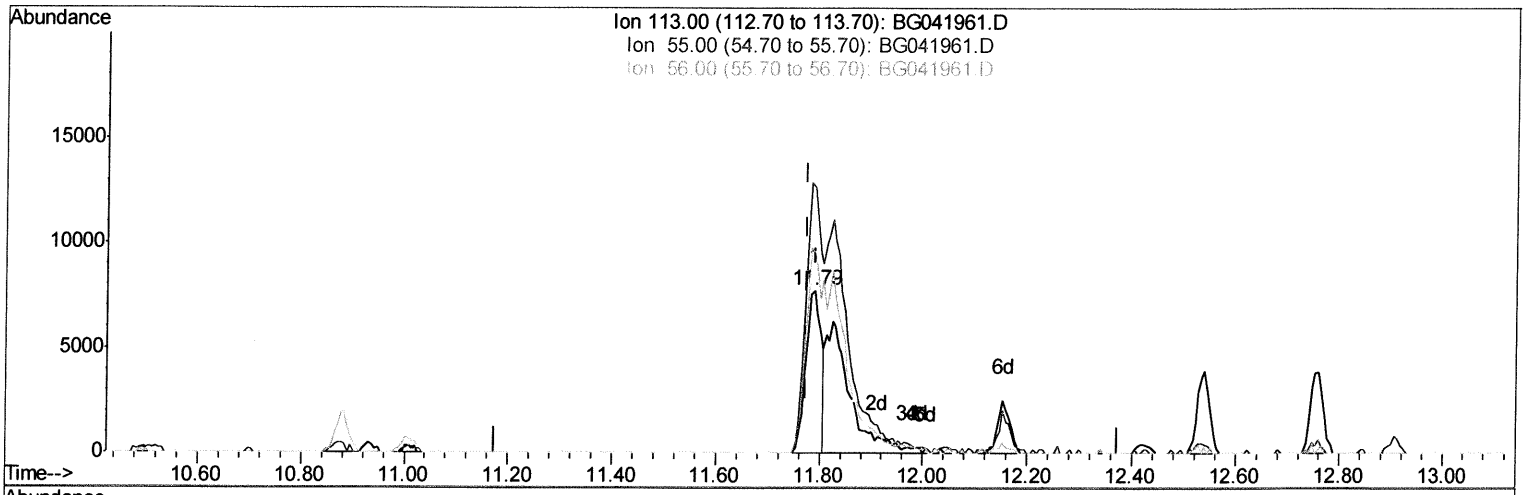

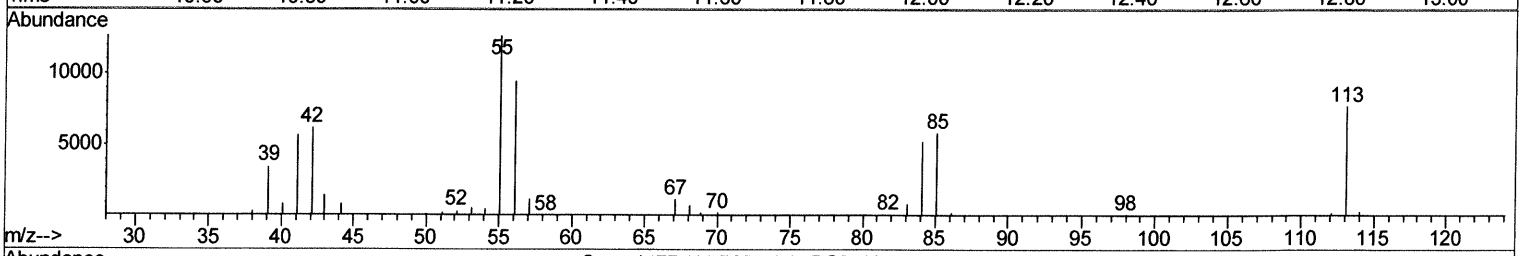

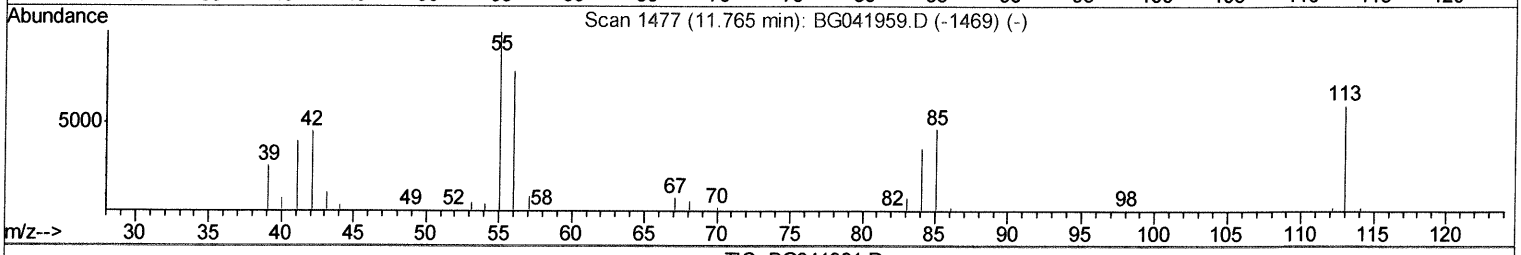

TIC: BG041961.D

(32) Caprolactam

11.789min (+0.015) 8.47ng/ul

response 15981

Ion	Exp%	Act%
113.00	100	100
55.00	178.00	163.32
56.00	136.80	122.94
0.00	0.00	0.00

Quantitation Report (Qedit)

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Instrument :
BNA_G
LabSampleId :
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Manual Integrations APPROVED
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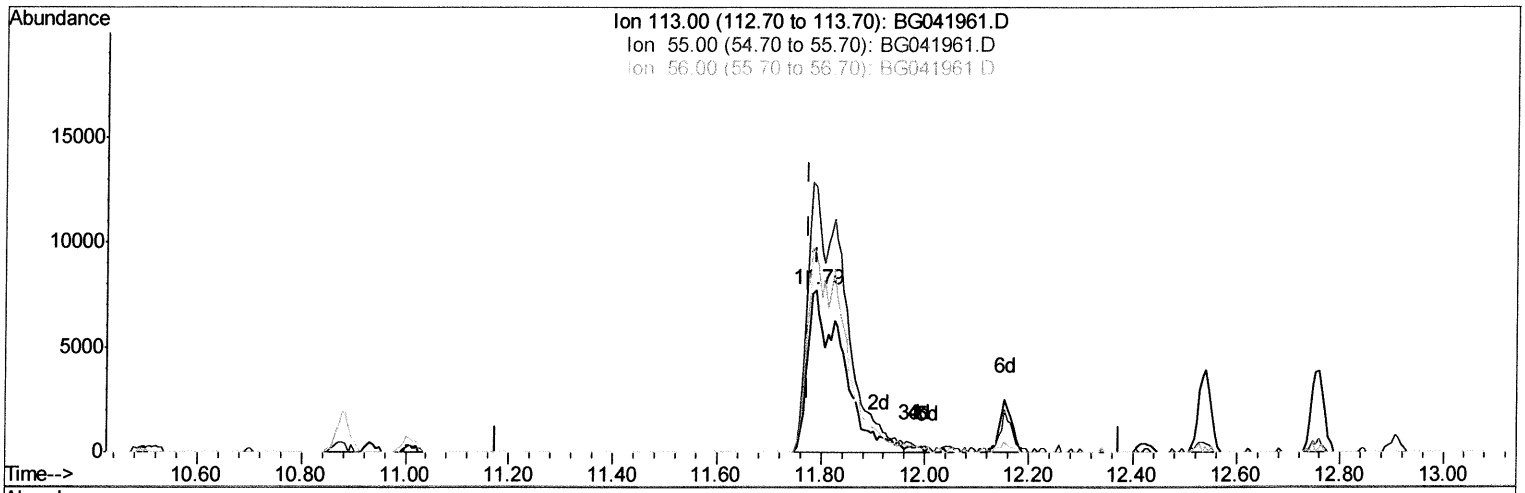

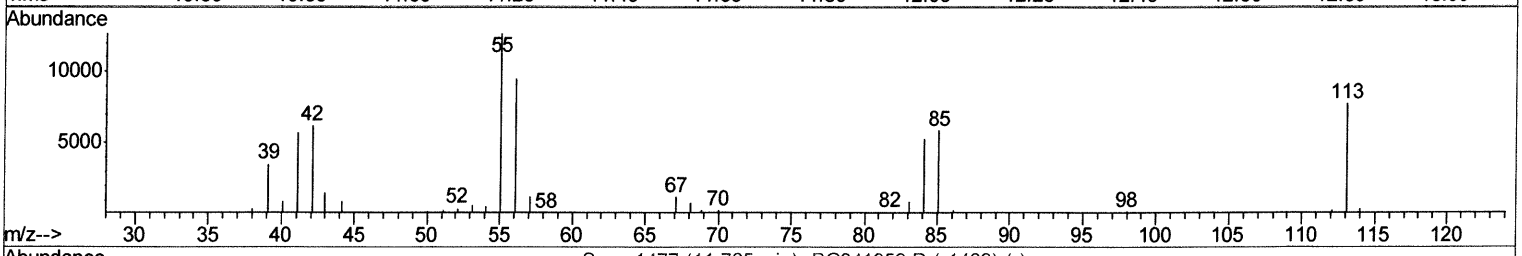

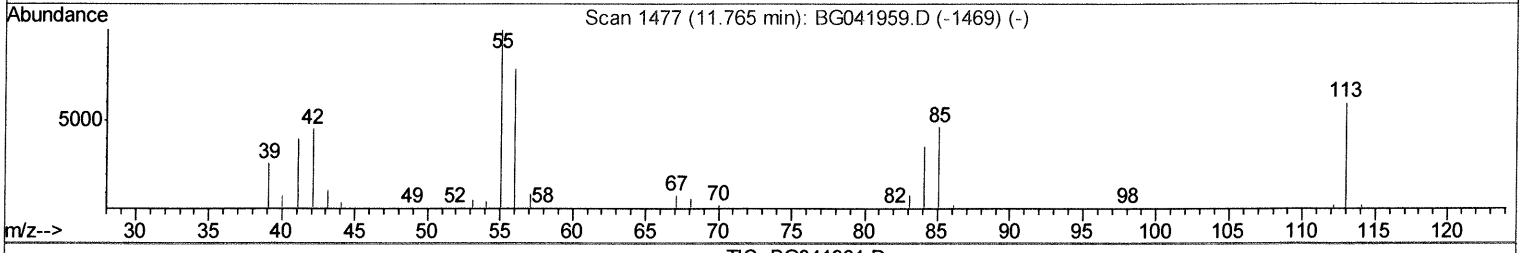

TIC: BG041961.D

(32) Caprolactam

11.789min (+0.015) 19.14ng/ul m JU 08/05/19

response 36101

Ion	Exp%	Act%
113.00	100	100
55.00	178.00	163.32
56.00	136.80	122.94
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080319\
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Operator : HP/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 62 Sample Multiplier: 1

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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
SSTD02083

Manual Integrations APPROVED
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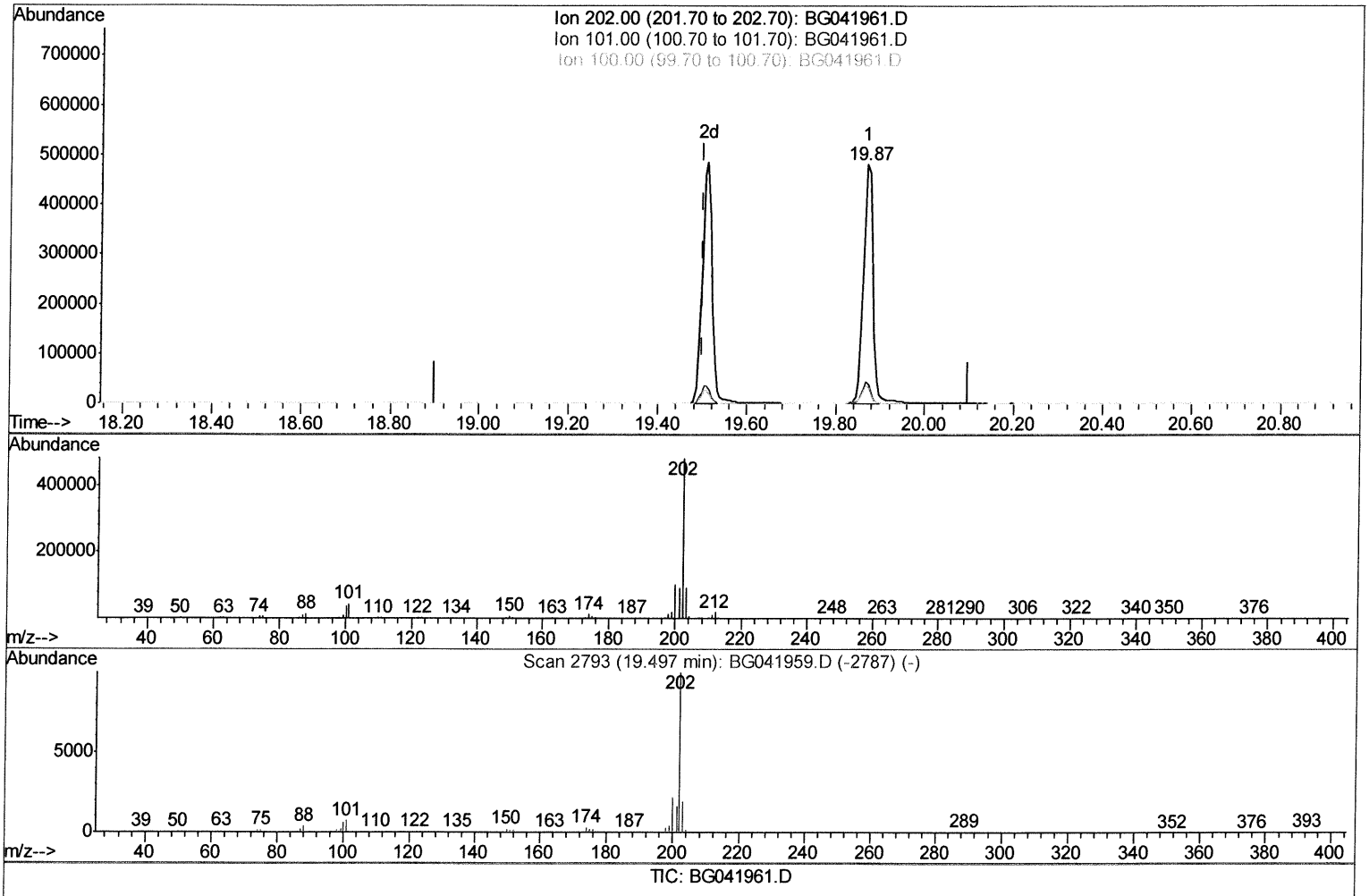

TIC: BG041961.D

(76) Fluoranthene (C)

19.867min (+0.368) 22.55ng/ul

response 723554

Ion	Exp%	Act%
202.00	100	100
101.00	8.40	9.09
100.00	6.60	7.61
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080319\
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Misc :
ALS Vial : 62 Sample Multiplier: 1

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LabSampleId :
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Manual Integrations APPROVED
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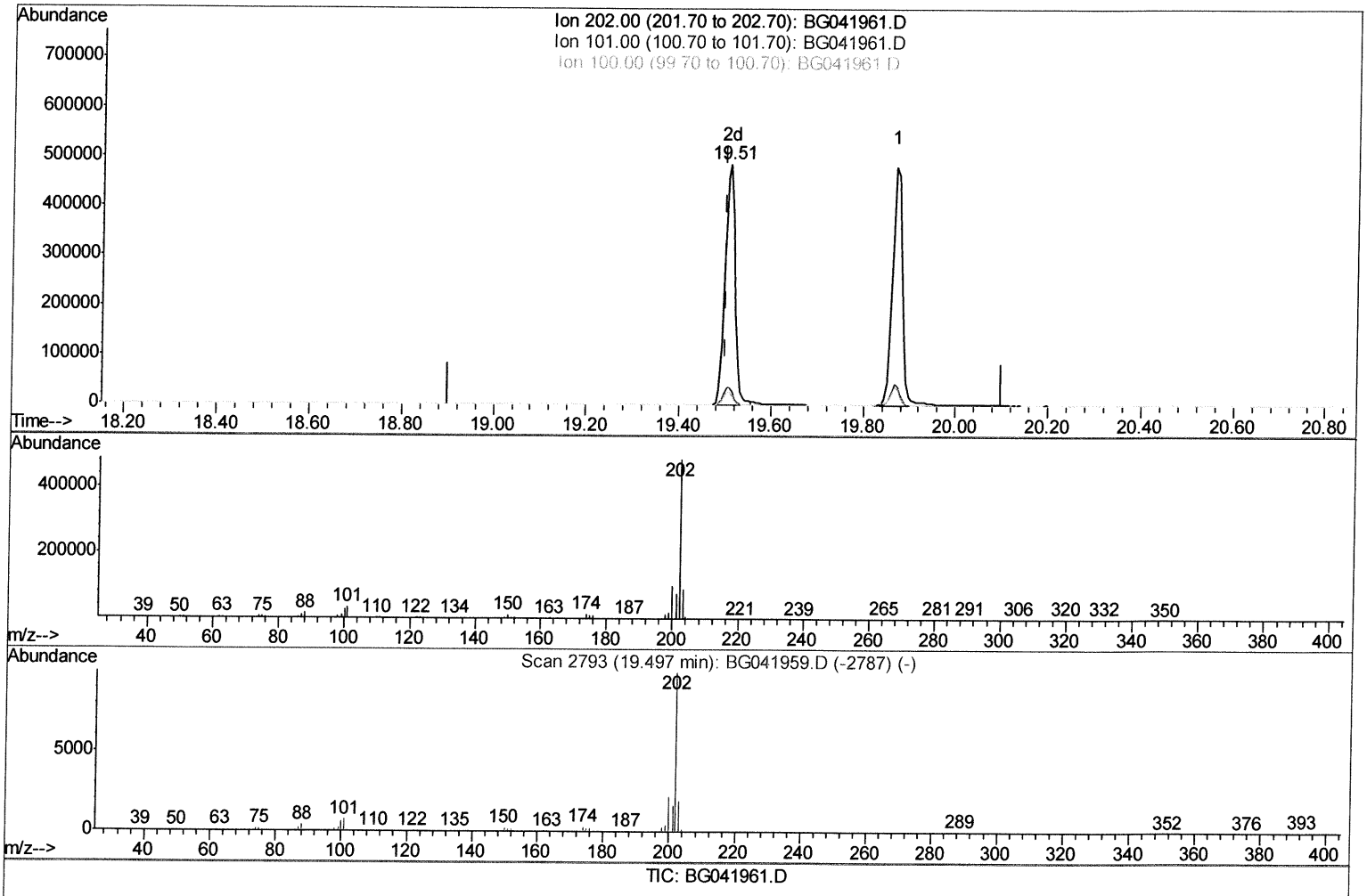

TIC: BG041961.D

(76) Fluoranthene (C)

19.509min (+0.009) 22.97ng/ul m 08/05/19

response 737057

Ion	Exp%	Act%
202.00	100	100
101.00	8.40	7.24
100.00	6.60	5.27#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	81013	20.00	ng/ul	0.02
18) Naphthalene-d8	10.88	136	333109	20.00	ng/ul	0.02
35) Acenaphthene-d10	14.71	164	228658	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.46	188	507265	20.00	ng/ul	0.00
77) Chrysene-d12	21.74	240	498313	20.00	ng/ul	0.00
85) Perylene-d12	25.03	264	503263	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.43	96	13084	7.07	ng/uL	0.02
5) Phenol-d5	7.21	99	133161	20.94	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	7.38	67	68354	19.22	ng/ul	0.03
9) 2-Chlorophenol-d4	7.59	132	115788	21.30	ng/ul	0.03
13) 4-Methylphenol-d8	8.77	113	109460	20.51	ng/ul	0.03
19) Nitrobenzene-d5	9.22	128	56101	22.37	ng/ul	0.02
22) 2-Nitrophenol-d4	9.95	143	69515	23.88	ng/ul	0.02
26) 2,4-Dichlorophenol-d3	10.50	165	135931	23.13	ng/ul	0.02
29) 4-Chloroaniline-d4	11.01	131	151806	23.28	ng/ul	0.02
43) Dimethylphthalate-d6	14.11	166	366166	20.65	ng/ul	0.02
46) Acenaphthylene-d8	14.40	160	432926	21.37	ng/ul	0.02
51) 4-Nitrophenol-d4	14.89	143	64654	21.71	ng/ul	0.00
57) Fluorene-d10	15.70	176	336896	21.35	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.82	200	68068	20.91	ng/ul	0.00
70) Anthracene-d10	17.56	188	524132	21.54	ng/ul	0.00
78) Pyrene-d10	19.84	212	597825	21.50	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.80	264	624632	23.76	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.47	88	13599	7.089	ng/uL#	90
4) Benzaldehyde	7.19	77	67008	22.306	ng/ul	97
6) Phenol	7.24	94	137571	20.963	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.47	93	100848	20.199	ng/ul	95
10) 2-Chlorophenol	7.62	128	117946	21.406	ng/ul	99
11) 2-Methylphenol	8.50	108	108484	20.618	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.59	45	156584	18.541	ng/ul	96
14) Acetophenone	8.88	105	170804	20.806	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.87	70	80994	18.676	ng/ul	96
16) 4-Methylphenol	8.83	108	115823	20.376	ng/ul	95
17) Hexachloroethane	9.16	117	36663	16.069	ng/ul	90
20) Nitrobenzene	9.27	77	121358	21.249	ng/ul	97
21) Isophorone	9.80	82	209988	18.441	ng/ul#	96
23) 2-Nitrophenol	9.98	139	72583	23.335	ng/ul	98
24) 2,4-Dimethylphenol	10.04	107	121054	19.725	ng/ul	96
25) Bis(2-Chloroethoxy)methane	10.28	93	138702	20.516	ng/ul	98
27) 2,4-Dichlorophenol	10.53	162	132553	22.743	ng/ul	95
28) Naphthalene	10.93	128	365177	21.444	ng/ul	99
30) 4-Chloroaniline	11.03	127	151379	23.096	ng/ul	97
31) Hexachlorobutadiene	11.22	225	97165	21.958	ng/ul	98
32) Caprolactam	11.79	113	36101m>	19.145	ng/ul	97
33) 4-Chloro-3-methylphenol	12.15	107	122367	21.309	ng/ul	100
34) 2-Methylnaphthalene	12.54	142	289360	21.378	ng/ul	99

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Response via : Initial Calibration

Instrument : BNA_G
LabSampleId : SSTD02083

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.90	216	198520	24.282	ng/ul	99
37) Hexachlorocyclopentadiene	12.89	237	101938	19.749	ng/ul	99
38) 2,4,6-Trichlorophenol	13.14	196	122964	24.304	ng/ul	98
39) 2,4,5-Trichlorophenol	13.21	196	131935	23.378	ng/ul	98
40) 1,1'-Biphenyl	13.54	154	373977	22.493	ng/ul	97
41) 2-Chloronaphthalene	13.59	162	305365	22.809	ng/ul	98
42) 2-Nitroaniline	13.78	65	77043	21.998	ng/ul	94
44) Dimethylphthalate	14.16	163	357717	20.315	ng/ul	98
45) 2,6-Dinitrotoluene	14.27	165	85533	22.332	ng/ul	95
47) Acenaphthylene	14.43	152	434479	21.250	ng/ul	99
48) 3-Nitroaniline	14.60	138	74829	24.499	ng/ul	96
49) Acenaphthene	14.77	153	307794	21.529	ng/ul	98
50) 2,4-Dinitrophenol	14.81	184	53868	25.704	ng/ul	95
52) 4-Nitrophenol	14.91	109	49805	22.571	ng/ul	97
53) Dibenzofuran	15.11	168	469832	22.020	ng/ul	98
54) 2,4-Dinitrotoluene	15.06	165	121892	21.889	ng/ul	91
55) 2,3,4,6-Tetrachlorophenol	15.33	232	121378	22.694	ng/ul#	100
56) Diethylphthalate	15.52	149	346096	19.759	ng/ul	98
58) Fluorene	15.75	166	368784	21.458	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.75	204	221347	22.180	ng/ul	99
60) 4-Nitroaniline	15.77	138	79024	23.222	ng/ul	96
63) 4,6-Dinitro-2-methylphenol	15.83	198	74938	21.373	ng/ul	97
64) N-Nitrosodiphenylamine	15.95	169	338338	22.481	ng/ul	98
65) 4-Bromophenyl-phenylether	16.64	248	152868	22.763	ng/ul	96
66) Hexachlorobenzene	16.77	284	145023	21.501	ng/ul	95
67) Atrazine	16.91	200	127849	20.270	ng/ul	99
68) Pentachlorophenol	17.11	266	99544	27.097	ng/ul	95
69) Phenanthrene	17.50	178	609471	21.947	ng/ul	100
71) Anthracene	17.59	178	613965	21.798	ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.51	216	198653	24.575	ng/uL	99
73) Pentachlorobenzene	15.03	250	196241	24.010	ng/uL	98
74) Carbazole	17.86	167	531839	22.795	ng/ul	100
75) Di-n-butylphthalate	18.42	149	571639	19.879	ng/ul	100
76) Fluoranthene	19.51	202	737057m>	22.971	ng/ul	100
79) Pyrene	19.87	202	723554	21.586	ng/ul	99
80) Butylbenzylphthalate	20.75	149	256179	19.417	ng/ul	95
81) 3,3'-Dichlorobenzidine	21.63	252	270226	23.859	ng/ul#	96
82) Benzo(a)anthracene	21.72	228	752935	21.792	ng/ul	98
83) Bis(2-ethylhexyl)phthalate	21.63	149	342066	19.002	ng/ul	99
84) Chrysene	21.79	228	710724	22.040	ng/ul	98
86) Di-n-octyl phthalate	22.86	149	622979	25.020	ng/ul	100
87) Benzo(b)fluoranthene	23.98	252	708341	22.428	ng/ul	99
88) Benzo(k)fluoranthene	24.04	252	726179	23.914	ng/ul	100
90) Benzo(a)pyrene	24.87	252	712046	23.660	ng/ul	98
91) Indeno(1,2,3-cd)pyrene	28.77	276	688498	19.614	ng/ul	98
92) Dibenzo(a,h)anthracene	28.85	278	600800	20.983	ng/ul	98
93) Benzo(g,h,i)perylene	29.94	276	499796	17.054	ng/ul	98

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