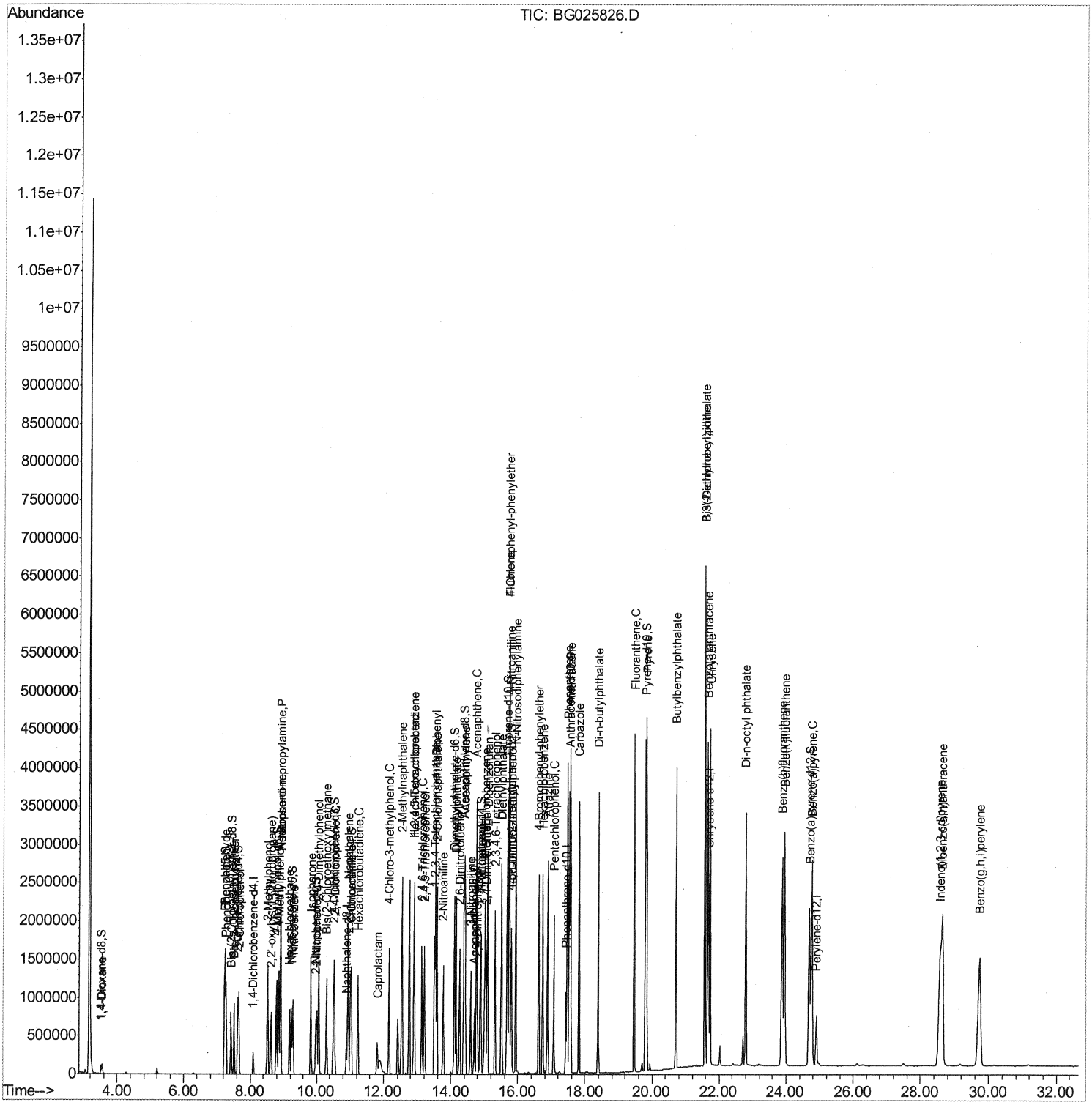
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG021017\
Data File : BG025826.D
Acq On : 10 Feb 2017 12:19
Operator : SJ/MA
Sample : SSTD08008
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Feb 10 13:04:36 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG021017MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Feb 10 12:09:06 2017
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD08008

Manual Integrations APPROVED
mohammad
2/13/2017 8:53:24 AM



Quantitation Report (Qedit)

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Acq On : 10 Feb 2017 12:19
Operator : SJ/MA
Sample : SSTD08008
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Feb 10 13:00:30 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG021017MA.M
Quant Title : SVOA CALIBRATION
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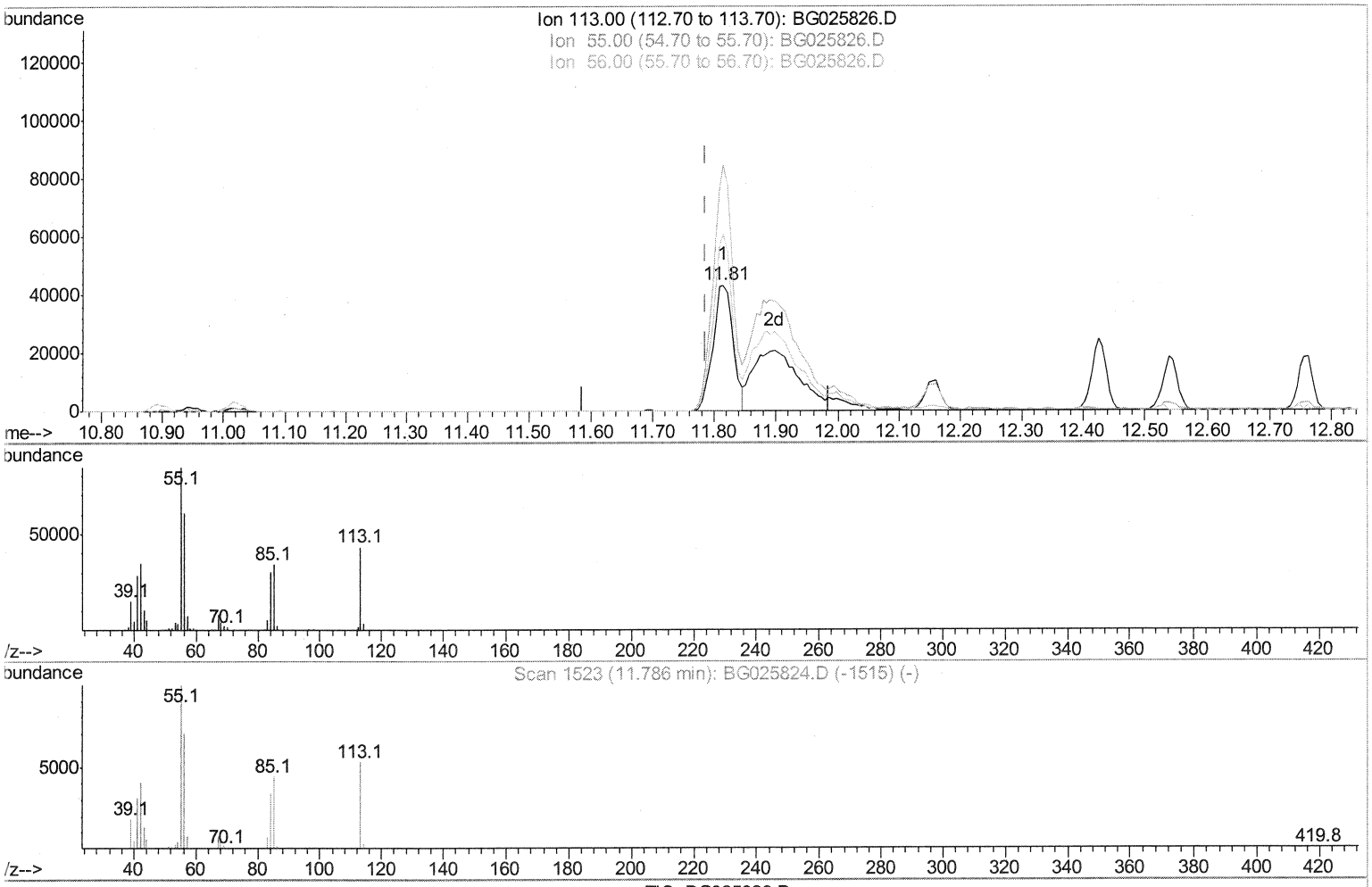

TIC: BG025826.D

(32) Caprolactam

11.815min (+0.029) 37.26ng/ul

response 96885

Ion	Exp%	Act%
113.00	100	100
55.00	127.40	195.55#
56.00	101.50	140.14#
0.00	0.00	0.00

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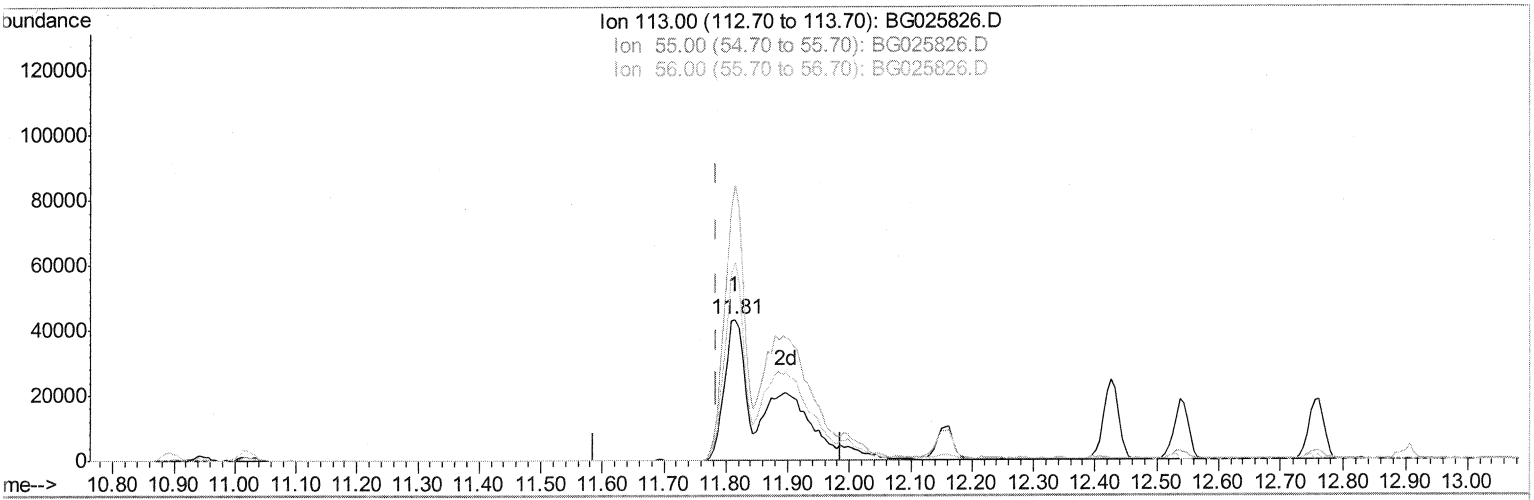

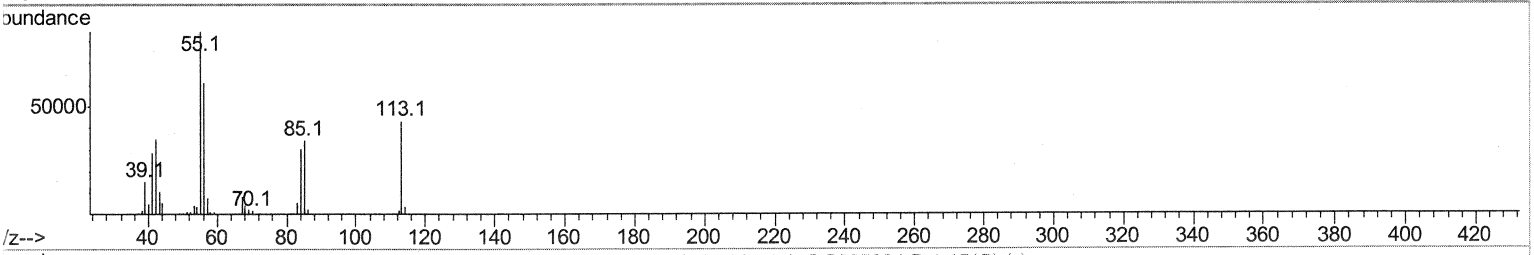

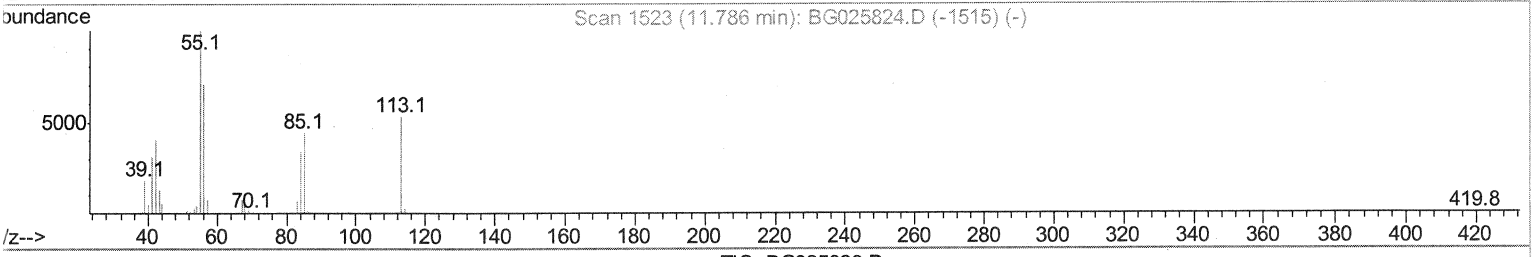

TIC: BG025826.D

(32) Caprolactam

11.815min (+0.029) 83.91ng/ul m SJ 2/13/17

response 218203

Ion	Exp%	Act%
113.00	100	100
55.00	127.40	195.55#
56.00	101.50	140.14#
0.00	0.00	0.00

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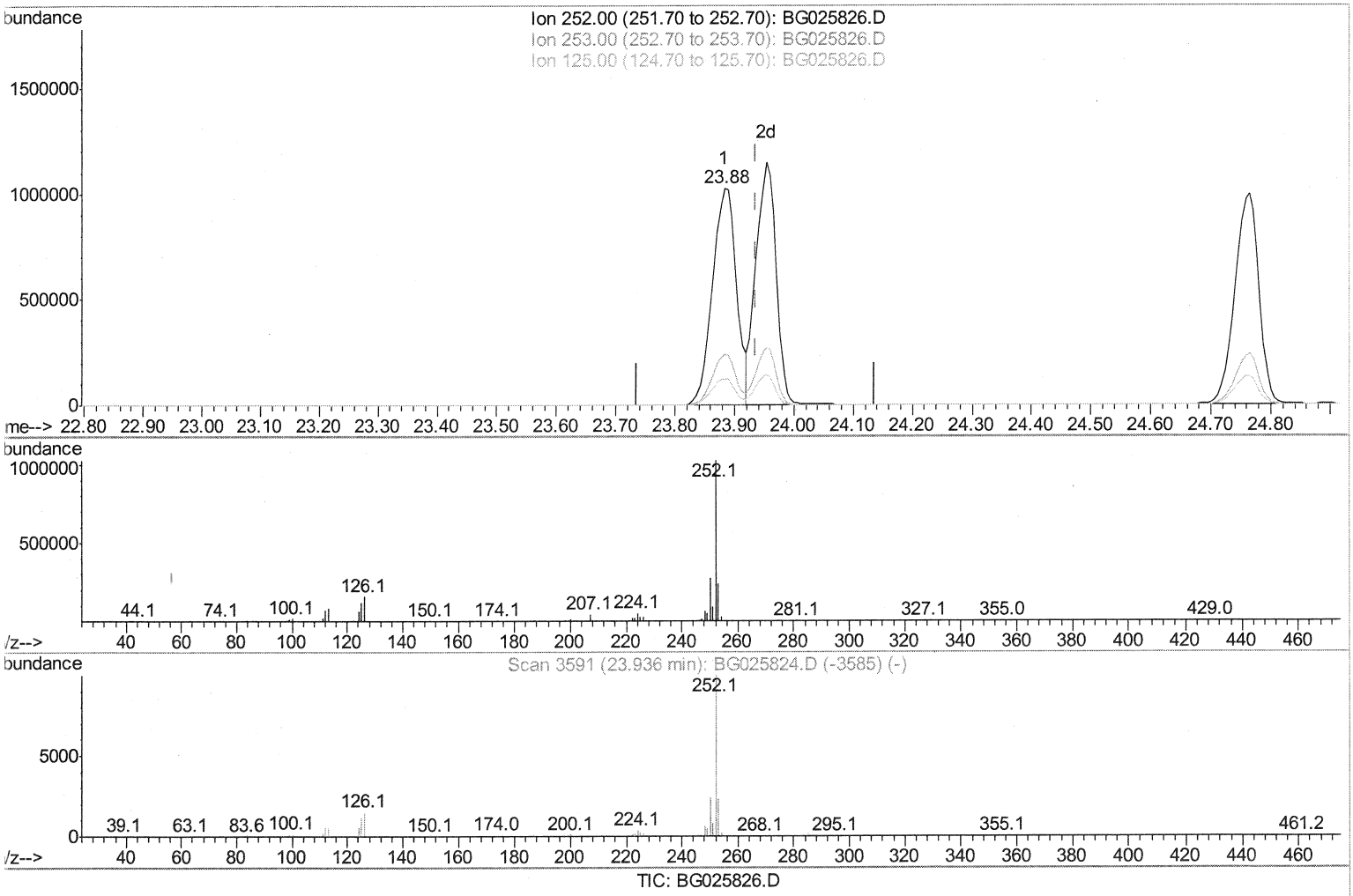
Instrument :
BNA_G
ClientSampleId :
SSTD08008

Manual Integrations APPROVED
mohammad
2/13/2017 8:53:24 AM



(88) Benzo(k)fluoranthene

23.883min (-0.053) 95.57ng/ul

response 2855272

Ion	Exp%	Act%
252.00	100	100
253.00	21.60	23.54
125.00	10.20	11.98
0.00	0.00	0.00

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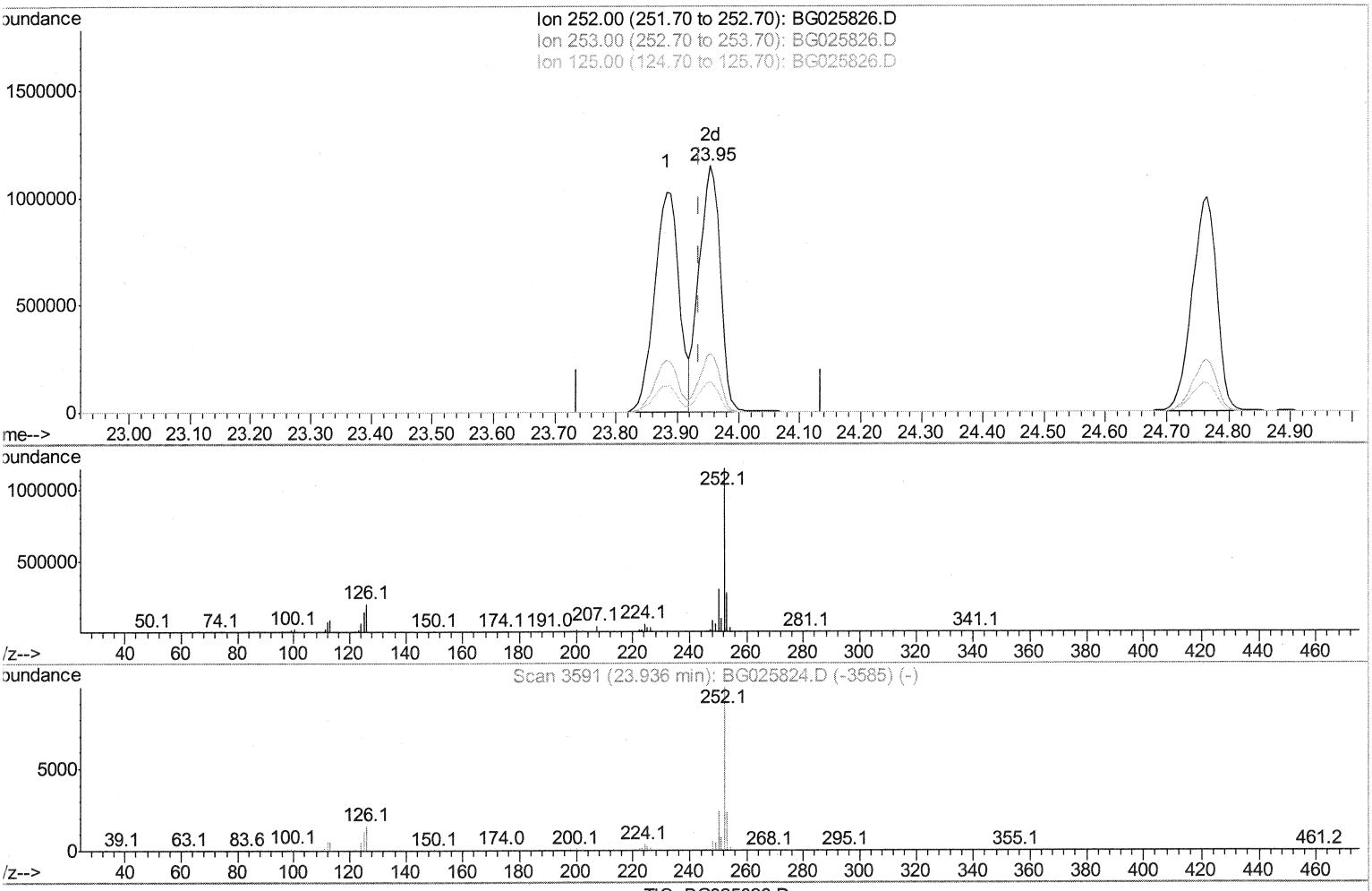

TIC: BG025826.D

(88) Benzo(k)fluoranthene

23.953min (+0.017) 90.96ng/ul m SJ 2/13/17

response 2717607

Ion	Exp%	Act%
252.00	100	100
253.00	21.60	23.73
125.00	10.20	12.38#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
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Manual Integrations APPROVED
mohammad
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Quant Time: Feb 10 13:04:36 2017
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Quant Title : SVOA CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	85328	20.00	ng/ul	0.00
18) Naphthalene-d8	10.90	136	438524	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.69	164	317220	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.43	188	651002	20.00	ng/ul	0.00
77) Chrysene-d12	21.69	240	629450	20.00	ng/ul	0.01
85) Perylene-d12	24.90	264	625266	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.52	96	58760	37.36	ng/uL	0.00
5) Phenol-d5	7.24	99	669731	100.11	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.41	67	390362	89.95	ng/ul	0.00
9) 2-Chlorophenol-d4	7.63	132	525433	106.29	ng/ul	0.00
13) 4-Methylphenol-d8	8.79	113	555024	100.09	ng/ul	0.00
19) Nitrobenzene-d5	9.25	128	258552	84.59	ng/ul	0.01
22) 2-Nitrophenol-d4	9.97	143	298136	81.73	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.51	165	564386	83.61	ng/ul	0.00
29) 4-Chloroaniline-d4	11.02	131	678426	87.53	ng/ul	0.00
43) Dimethylphthalate-d6	14.10	166	1767827	80.91	ng/ul	0.00
46) Acenaphthylene-d8	14.39	160	2087938	86.82	ng/ul	0.00
51) 4-Nitrophenol-d4	14.88	143	379394	125.08	ng/ul	0.02
57) Fluorene-d10	15.68	176	1554005	76.27	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.79	200	306995	74.17	ng/ul	0.01
70) Anthracene-d10	17.53	188	2253229	81.58	ng/ul	0.00
78) Pyrene-d10	19.80	212	2273924	93.53	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.69	264	2264140	87.59	ng/ul	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.55	88	62214	32.93	ng/uL#	71
4) Benzaldehyde	7.23	77	411114	88.45	ng/ul	98
6) Phenol	7.27	94	693520	99.19	ng/ul	94
8) Bis(2-Chloroethyl)ether	7.51	93	498690	95.44	ng/ul#	82
10) 2-Chlorophenol	7.65	128	501355	100.41	ng/ul#	87
11) 2-Methylphenol	8.52	108	542681	105.56	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.63	45	707520	74.43	ng/ul#	87
14) Acetophenone	8.91	105	808900	94.17	ng/ul#	96
15) N-Nitroso-di-n-propylamine	8.91	70	420802	80.77	ng/ul	92
16) 4-Methylphenol	8.86	108	597341	105.19	ng/ul	100
17) Hexachloroethane	9.18	117	172671	73.12	ng/ul	96
20) Nitrobenzene	9.29	77	569370	58.43	ng/ul	99
21) Isophorone	9.82	82	1231046	70.79	ng/ul	97
23) 2-Nitrophenol	10.00	139	305985	79.15	ng/ul#	93
24) 2,4-Dimethylphenol	10.06	107	621870	71.99	ng/ul	96
25) Bis(2-Chloroethoxy)methane	10.30	93	734167	80.91	ng/ul	99
27) 2,4-Dichlorophenol	10.54	162	538124	78.96	ng/ul	100
28) Naphthalene	10.95	128	1681648	84.05	ng/ul	96
30) 4-Chloroaniline	11.04	127	650305	84.17	ng/ul	96
31) Hexachlorobutadiene	11.24	225	289629	43.69	ng/ul	98
32) Caprolactam	11.81	113	218203m>	83.91	ng/ul	
33) 4-Chloro-3-methylphenol	12.16	107	622023	79.27	ng/ul	93
34) 2-Methylnaphthalene	12.54	142	1328215	85.53	ng/ul	99

SJ 2/13/17

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Manual Integrations APPROVED
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2/13/2017 8:53:24 AM

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.91	216	617532	58.67 ng/ul	99
37) Hexachlorocyclopentadiene	12.89	237	377727	91.02 ng/ul	98
38) 2,4,6-Trichlorophenol	13.14	196	427807	73.62 ng/ul	98
39) 2,4,5-Trichlorophenol	13.21	196	465916	74.14 ng/ul	98
40) 1,1'-Biphenyl	13.54	154	1709508	86.12 ng/ul#	94
41) 2-Chloronaphthalene	13.58	162	1286091	81.28 ng/ul	96
42) 2-Nitroaniline	13.77	65	428748	70.26 ng/ul	91
44) Dimethylphthalate	14.15	163	1685641	79.60 ng/ul	98
45) 2,6-Dinitrotoluene	14.26	165	373864	84.82 ng/ul	96
47) Acenaphthylene	14.42	152	2067823	89.34 ng/ul	94
48) 3-Nitroaniline	14.59	138	377320	100.39 ng/ul	98
49) Acenaphthene	14.76	153	1491538	91.37 ng/ul	100
50) 2,4-Dinitrophenol	14.79	184	208962	86.93 ng/ul	95
52) 4-Nitrophenol	14.89	109	221321	55.00 ng/ul#	63
53) Dibenzofuran	15.09	168	2019350	79.99 ng/ul	97
54) 2,4-Dinitrotoluene	15.05	165	526915	80.09 ng/ul	96
55) 2,3,4,6-Tetrachlorophenol	15.31	232	444178	68.34 ng/ul	97
56) Diethylphthalate	15.51	149	1745900	78.63 ng/ul	95
58) Fluorene	15.74	166	1662304	81.38 ng/ul	98
59) 4-Chlorophenyl-phenylether	15.73	204	796003	67.97 ng/ul	92
60) 4-Nitroaniline	15.75	138	438337	117.03 ng/ul#	82
63) 4,6-Dinitro-2-methylphenol	15.81	198	326113	77.22 ng/ul#	89
64) N-Nitrosodiphenylamine	15.94	169	1486852	89.09 ng/ul	94
65) 4-Bromophenyl-phenylether	16.62	248	532727	70.19 ng/ul#	87
66) Hexachlorobenzene	16.74	284	549010	62.21 ng/ul	95
67) Atrazine	16.89	200	550349	69.84 ng/ul	98
68) Pentachlorophenol	17.07	266	372817	96.81 ng/ul	98
69) Phenanthrene	17.47	178	2570948	81.41 ng/ul	92
71) Anthracene	17.57	178	2597604	81.46 ng/ul#	91
72) 1,2,3,4-Tetrachlorobenzene	13.51	216	612188	67.26 ng/uL	99
73) Pentachlorobenzene	15.02	250	616582	65.04 ng/uL	99
74) Carbazole	17.83	167	2451352	92.22 ng/ul#	94
75) Di-n-butylphthalate	18.38	149	2713661	78.83 ng/ul#	96
76) Fluoranthene	19.47	202	2732494	69.39 ng/ul#	92
79) Pyrene	19.83	202	2711104	95.01 ng/ul#	88
80) Butylbenzylphthalate	20.71	149	1246095	107.20 ng/ul	97
81) 3,3'-Dichlorobenzidine	21.57	252	943944	80.25 ng/ul	100
82) Benzo(a)anthracene	21.66	228	2695553	82.78 ng/ul	93
83) Bis(2-ethylhexyl)phthalate	21.58	149	1765527	105.43 ng/ul#	91
84) Chrysene	21.73	228	2537596	82.34 ng/ul	91
86) Di-n-octyl phthalate	22.80	149	3054193	117.47 ng/ul#	95
87) Benzo(b)fluoranthene	23.88	252	2855272	91.97 ng/ul	96
88) Benzo(k)fluoranthene	23.95	252	2717607m	90.96 ng/ul	
90) Benzo(a)pyrene	24.76	252	2764846	92.01 ng/ul	95
91) Indeno(1,2,3-cd)pyrene	28.58	276	3368242	88.70 ng/ul	95
92) Dibenzo(a,h)anthracene	28.65	278	2760450	86.57 ng/ul	97
93) Benzo(g,h,i)perylene	29.73	276	2766781	87.77 ng/ul	98

SJ 2/13/17

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