Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG111716\
Data File : BG024825.D
Acq On : 17 Nov 2016 16:11
Operator : UM/SJ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 18 00:51:39 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG111416.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Nov 18 00:29:39 2016
Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
SSTD02016

Manual Integrations APPROVED
umangi
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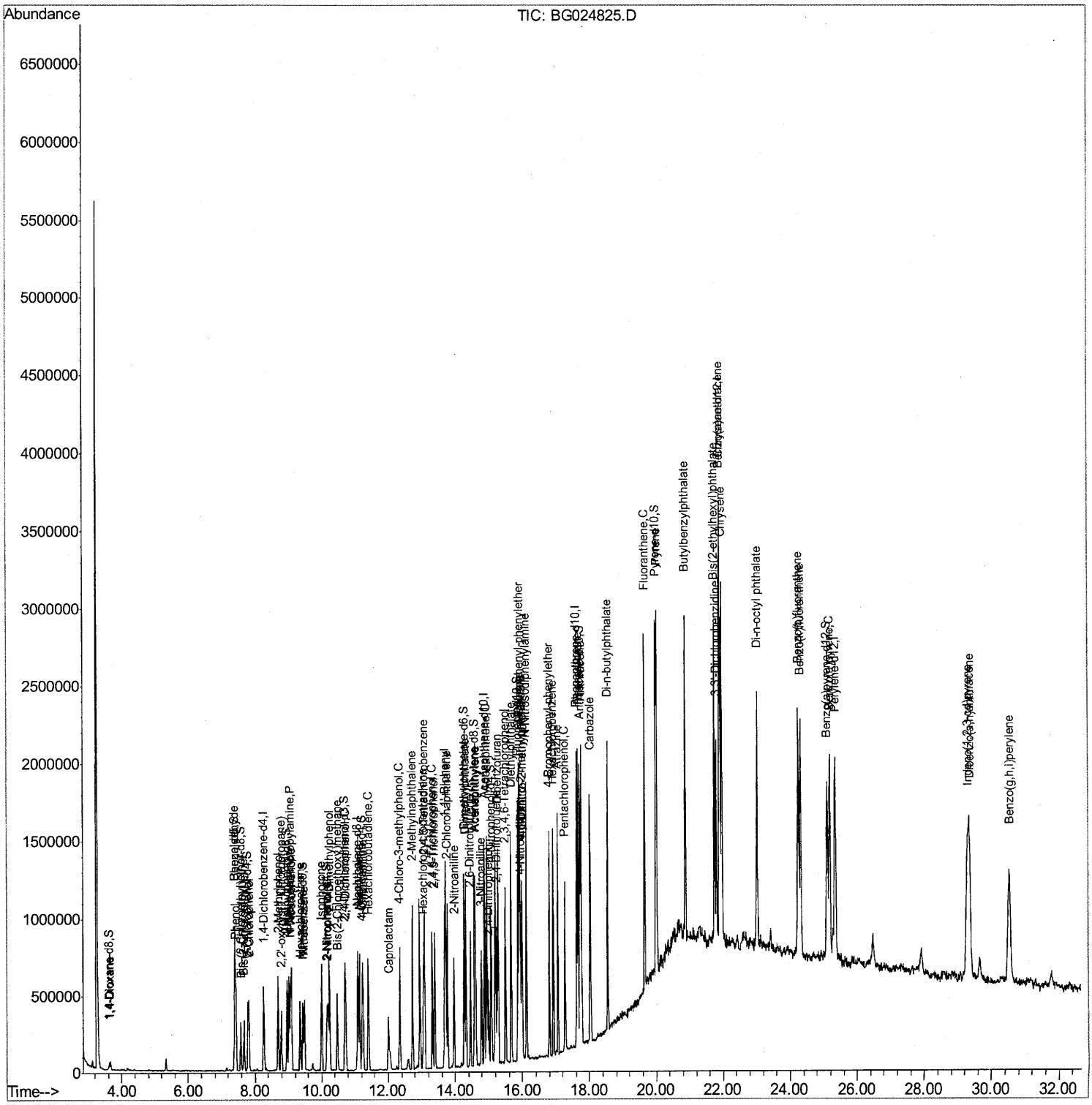

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG111716\
Data File : BG024825.D
Acq On : 17 Nov 2016 16:11
Operator : UM/SJ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 18 00:31:26 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG111416.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Nov 18 00:29:39 2016
Response via : Initial Calibration

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Manual Integrations APPROVED
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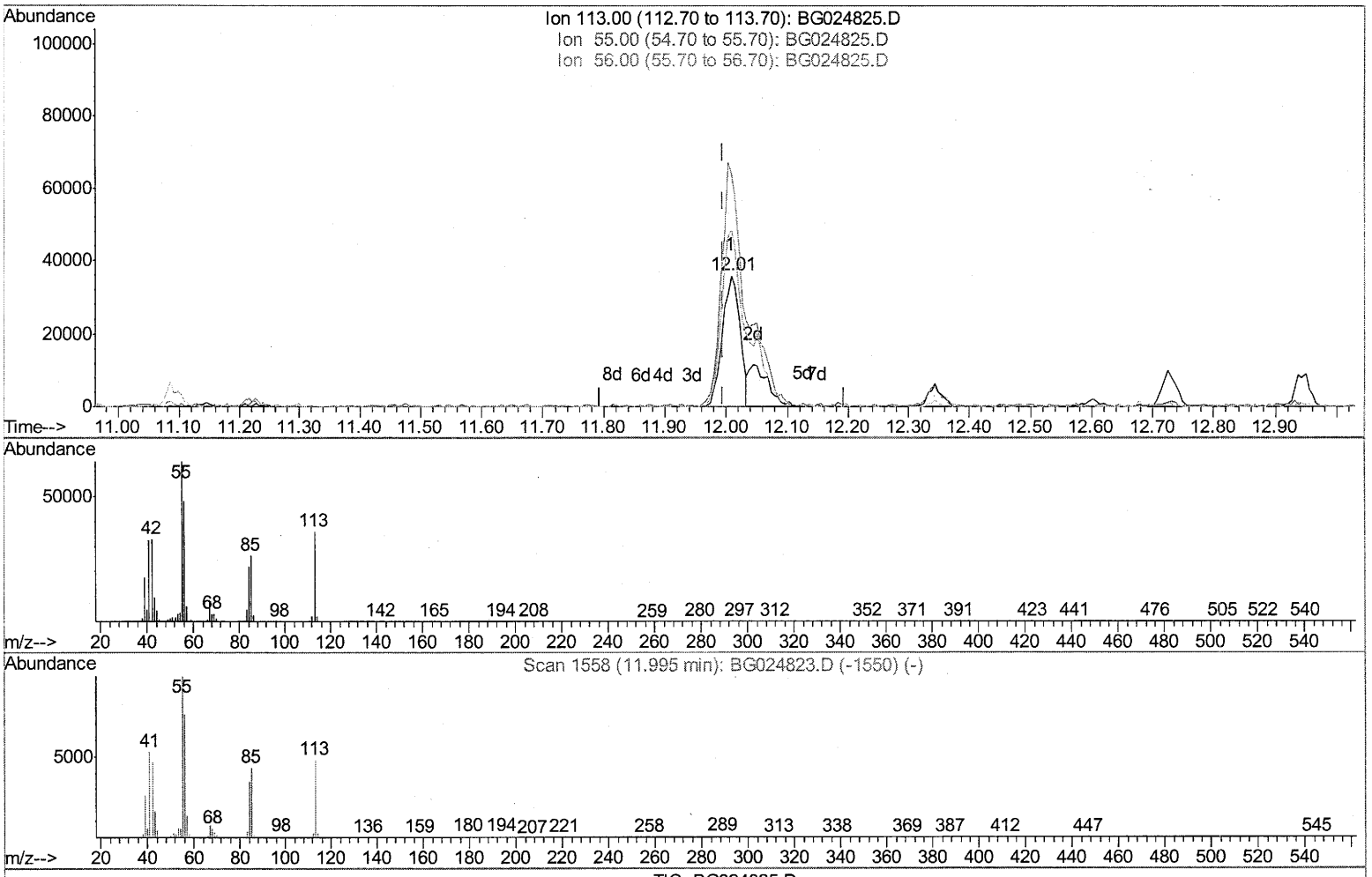

TIC: BG024825.D

(32) Caprolactam

12.009min (+0.014) 16.92ng/ul

response 72270

Ion	Exp%	Act%
113.00	100	100
55.00	210.70	177.51
56.00	160.60	134.21
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG111716\
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Misc :
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BNA_G
LabSampleId :
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Manual Integrations APPROVED
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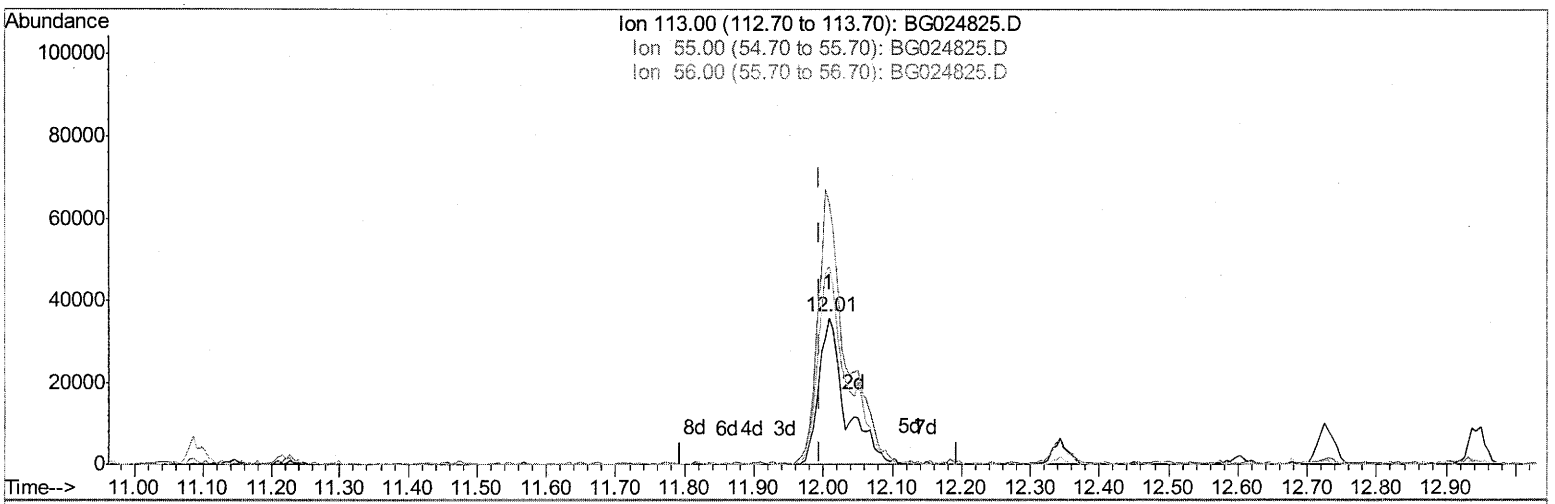

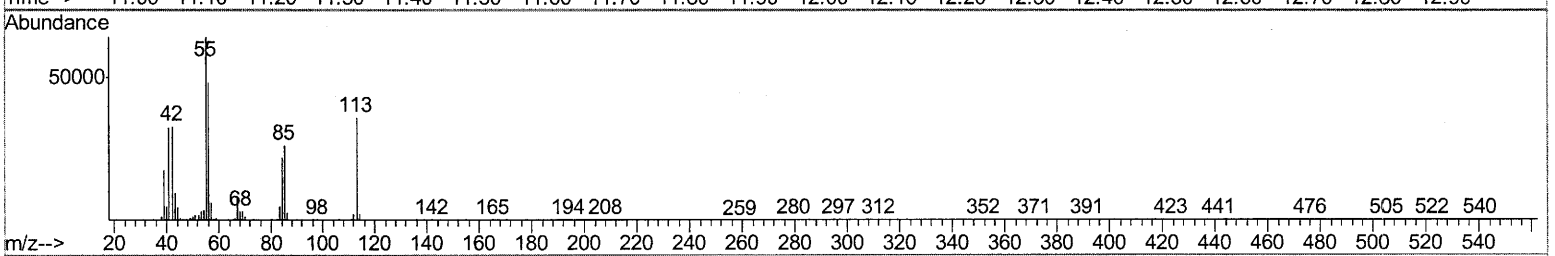

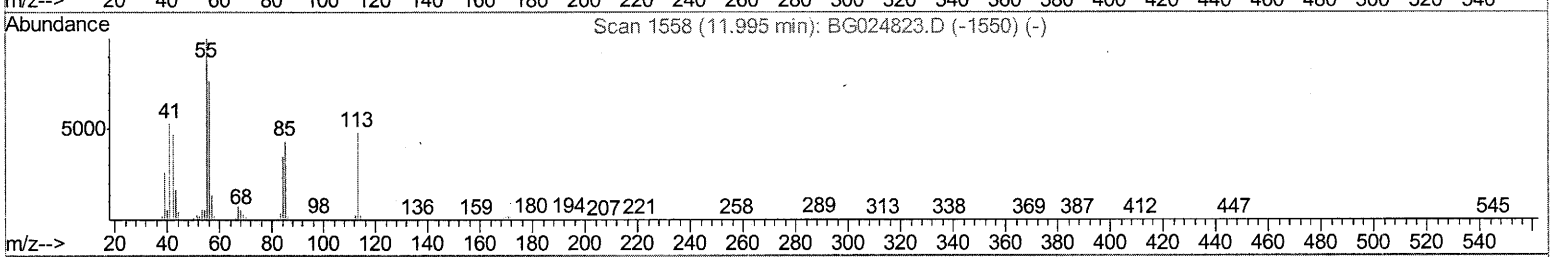

TIC: BG024825.D

(32) Caprolactam

12.009min (+0.014) 22.95ng/ul m

response 98012

Ion	Exp%	Act%
113.00	100	100
55.00	210.70	177.51
56.00	160.60	134.21
0.00	0.00	0.00

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Quantitation Report (Qedit)

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Misc :
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Instrument :
BNA_G
LabSampleId :
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Manual Integrations APPROVED
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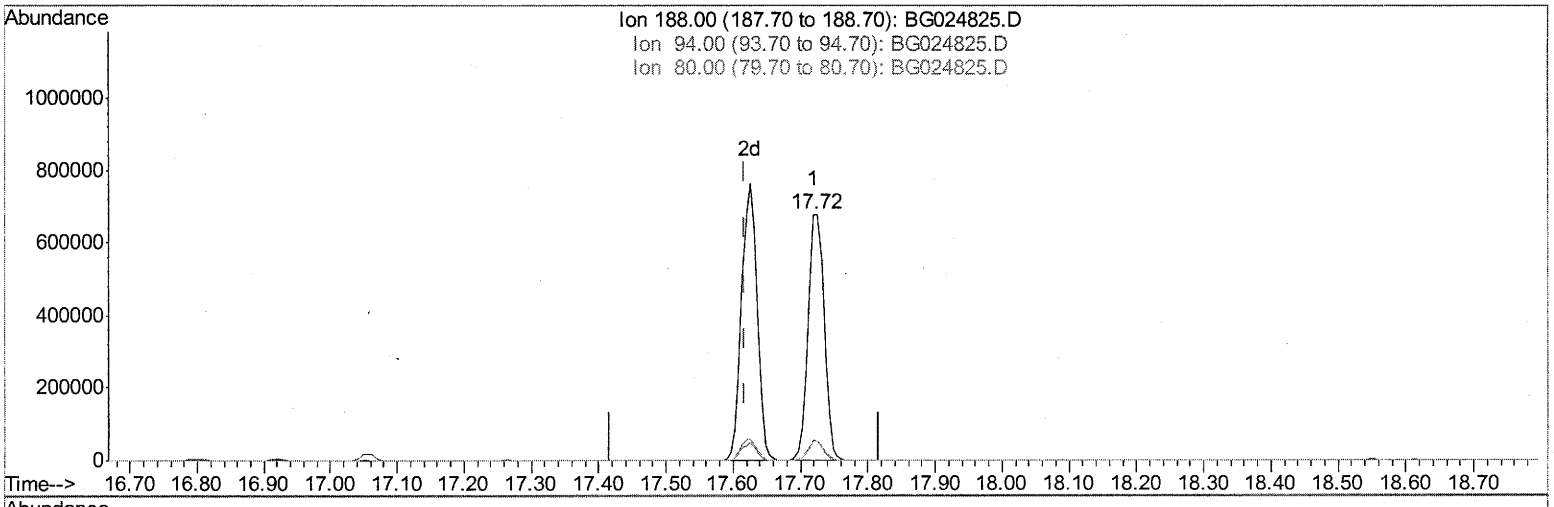

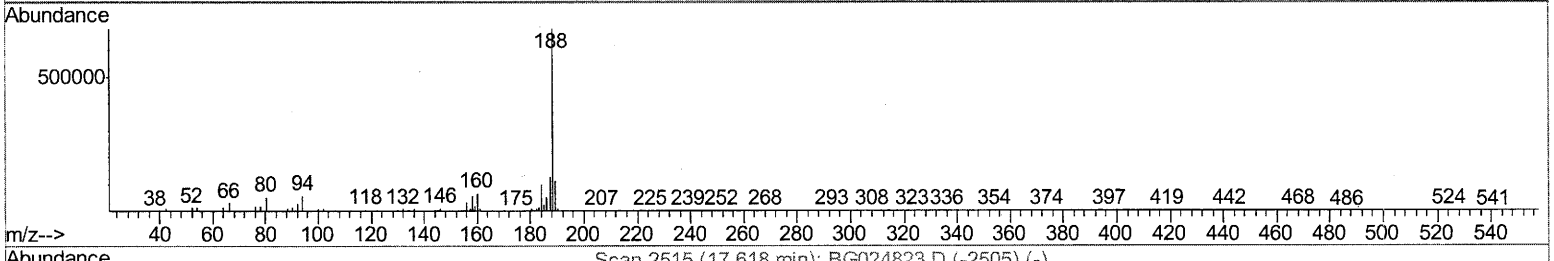

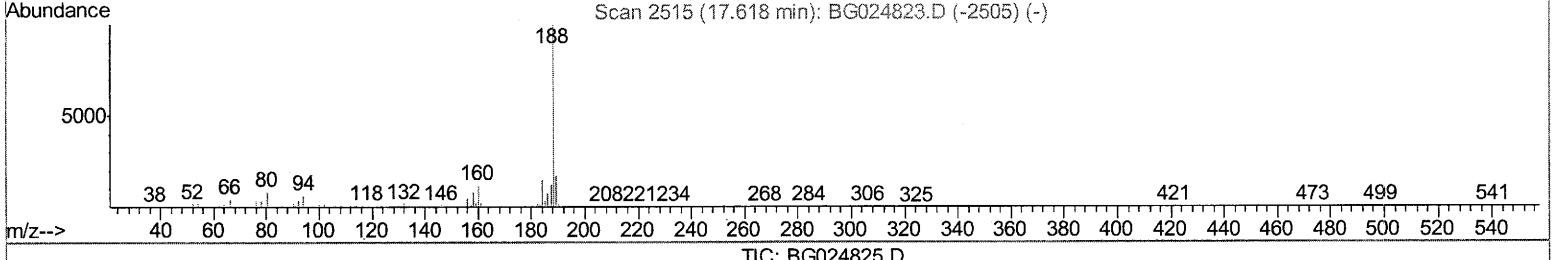

TIC: BG024825.D

(61) Phenanthrene-d10 (I)

17.720min (+0.102) 20.00ng/ul

response 1115307

Ion	Exp%	Act%
188.00	100	100
94.00	8.80	8.44
80.00	9.50	7.82
0.00	0.00	0.00

Quantitation Report (Qedit)

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Misc :
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Quant Time: Nov 18 00:51:39 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG111416.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Nov 18 00:29:39 2016
Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
SSTD02016

Manual Integrations APPROVED
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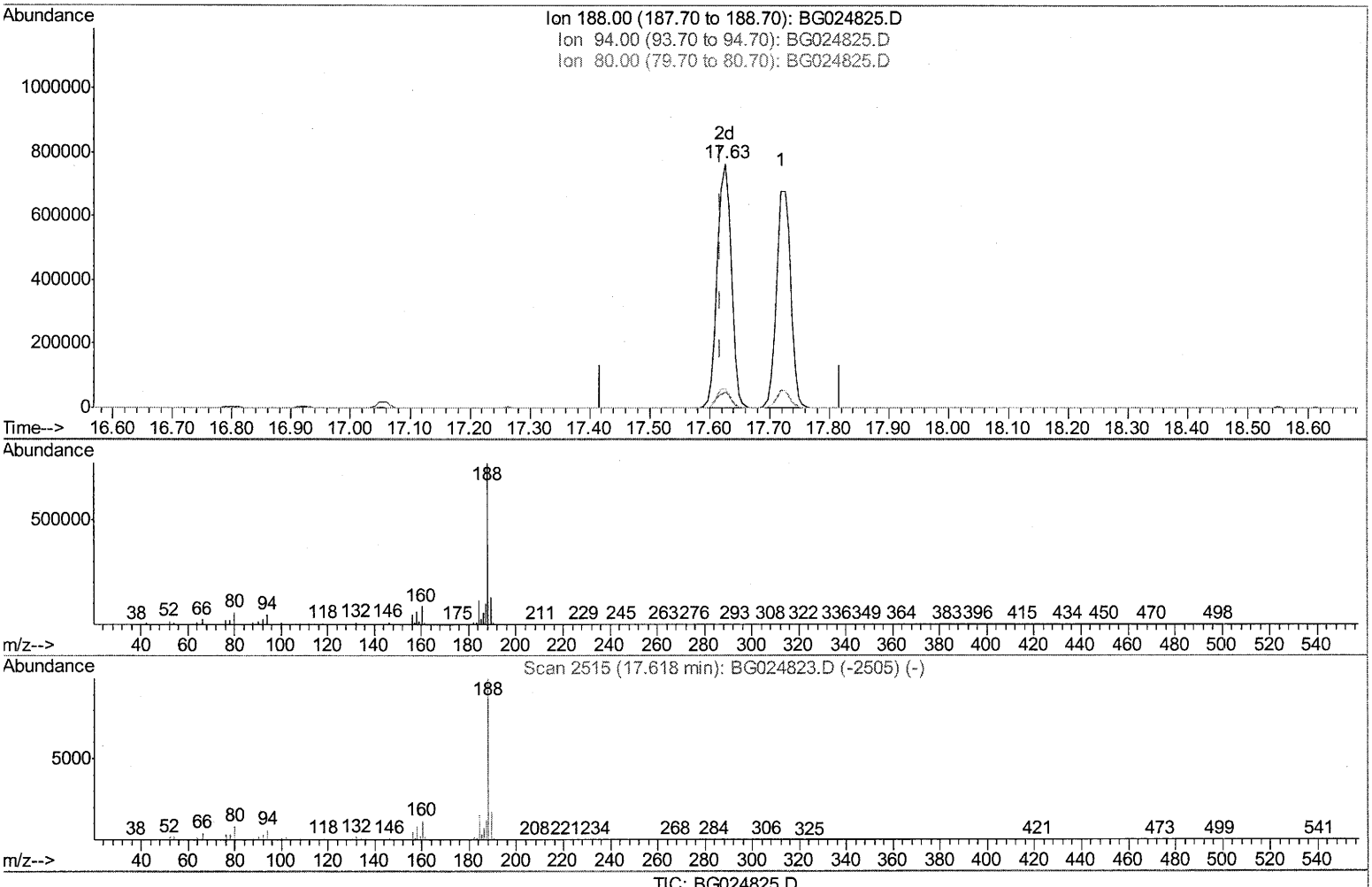

TIC: BG024825.D

(61) Phenanthrene-d10 (I)

17.626min (+0.008) 20.00ng/ul m

response 1235697

Ion	Exp%	Act%
188.00	100	100
94.00	8.80	6.32#
80.00	9.50	7.69
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG111716\
Data File : BG024825.D
Acq On : 17 Nov 2016 16:11
Operator : UM/SJ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 18 00:51:10 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG111416.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Nov 18 00:29:39 2016
Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
SSTD02016

Manual Integrations APPROVED
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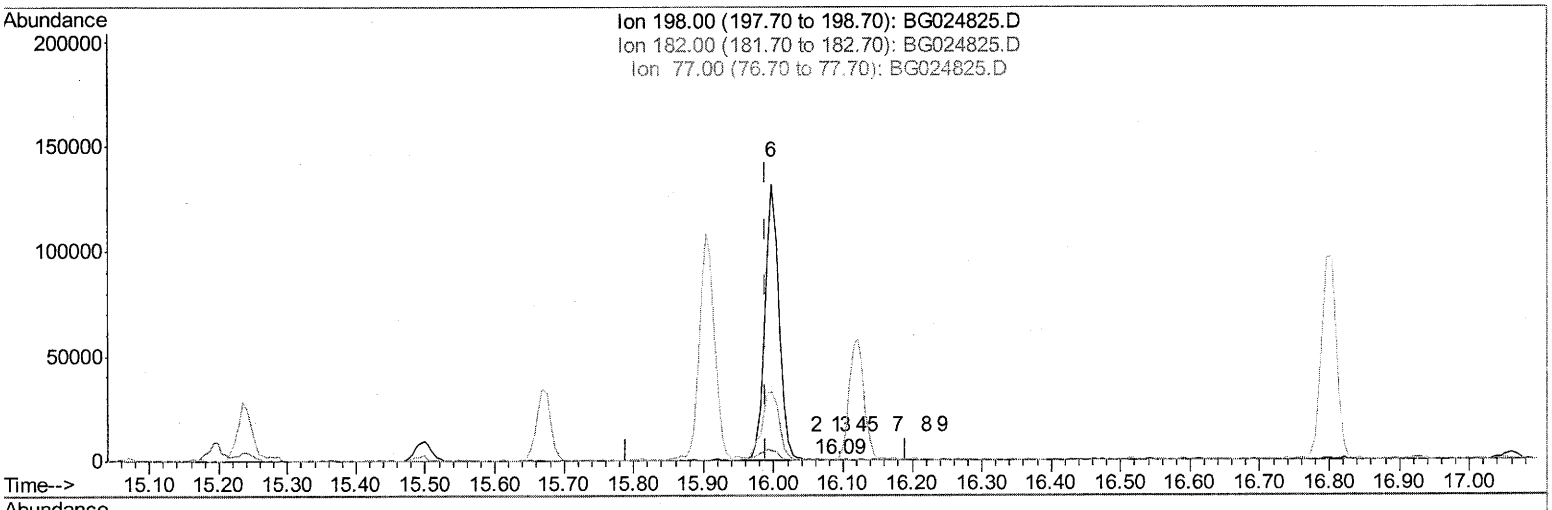

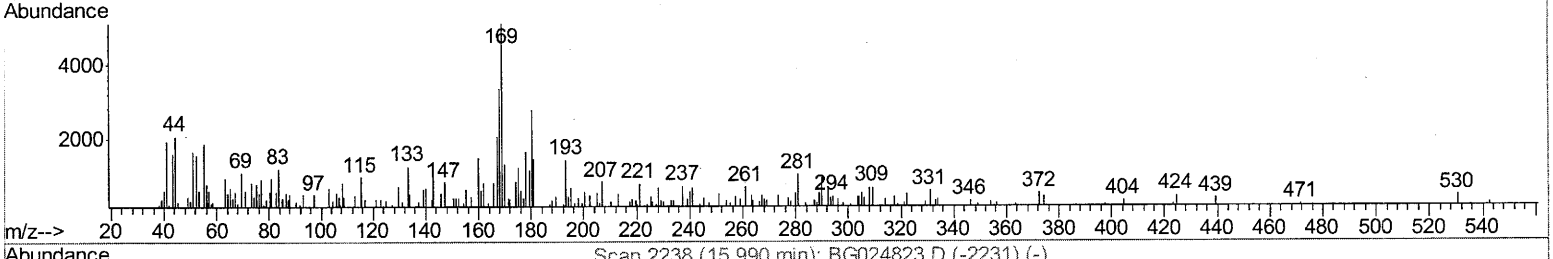

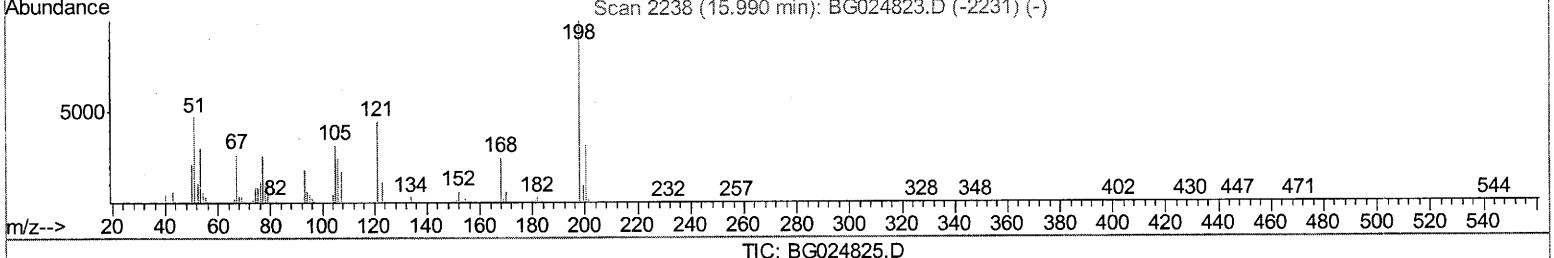

TIC: BG024825.D

(63) 4,6-Dinitro-2-methylphenol

16.092min (+0.102) 0.06ng/ul

response 481

Ion	Exp%	Act%
198.00	100	100
182.00	6.10	0.00#
77.00	28.00	236.20#
0.00	0.00	0.00

Quantitation Report (Qedit)

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Sample : SSTDCCC020EC
Misc :
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG111416.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Nov 18 00:29:39 2016
Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
SSTD02016

Manual Integrations APPROVED
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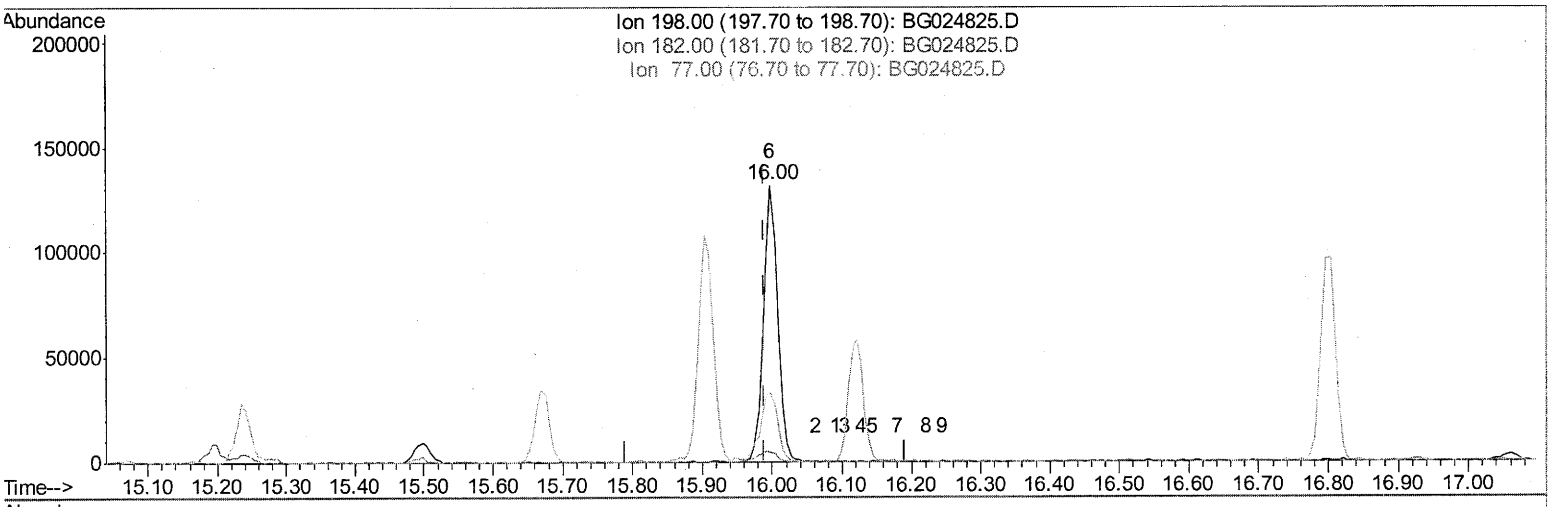

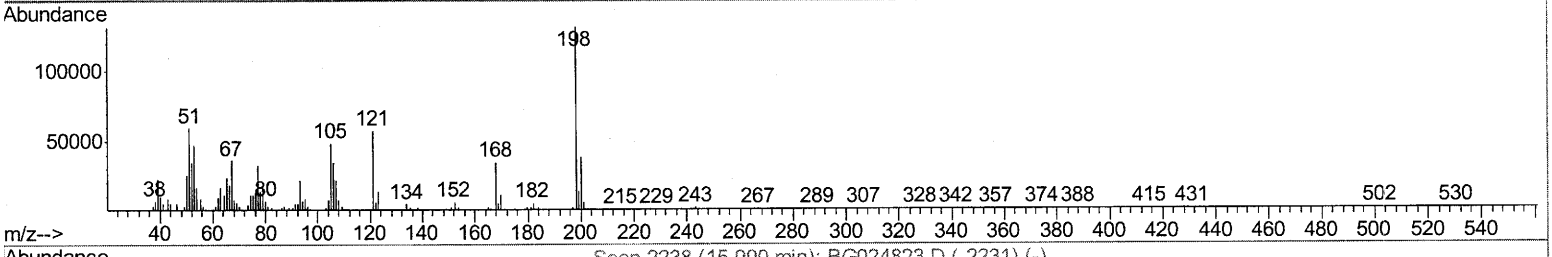

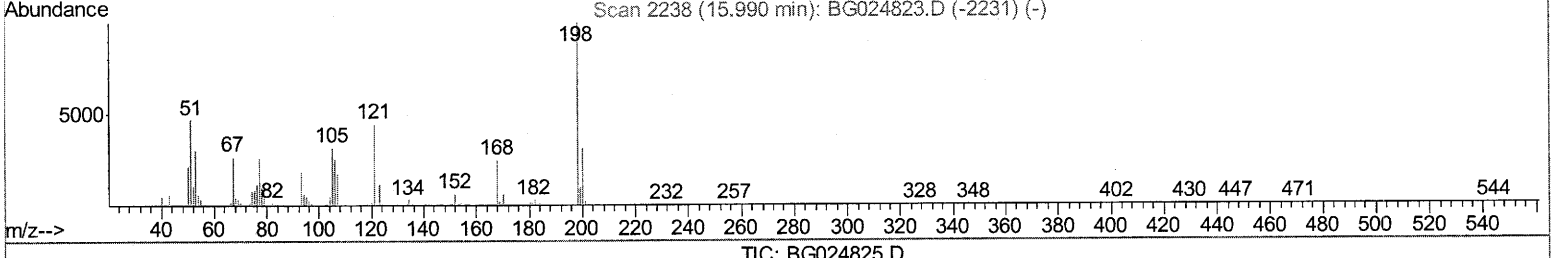

TIC: BG024825.D

(63) 4,6-Dinitro-2-methylphenol

15.998min (+0.008) 21.56ng/ul m

response 185732

Ion	Exp%	Act%
198.00	100	100
182.00	6.10	3.85#
77.00	28.00	24.86
0.00	0.00	0.00

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Quantitation Report (Qedit)

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Misc :
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Quant Title : SVOA CALIBRATION
QLast Update : Fri Nov 18 00:29:39 2016
Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
SSTD02016

Manual Integrations APPROVED
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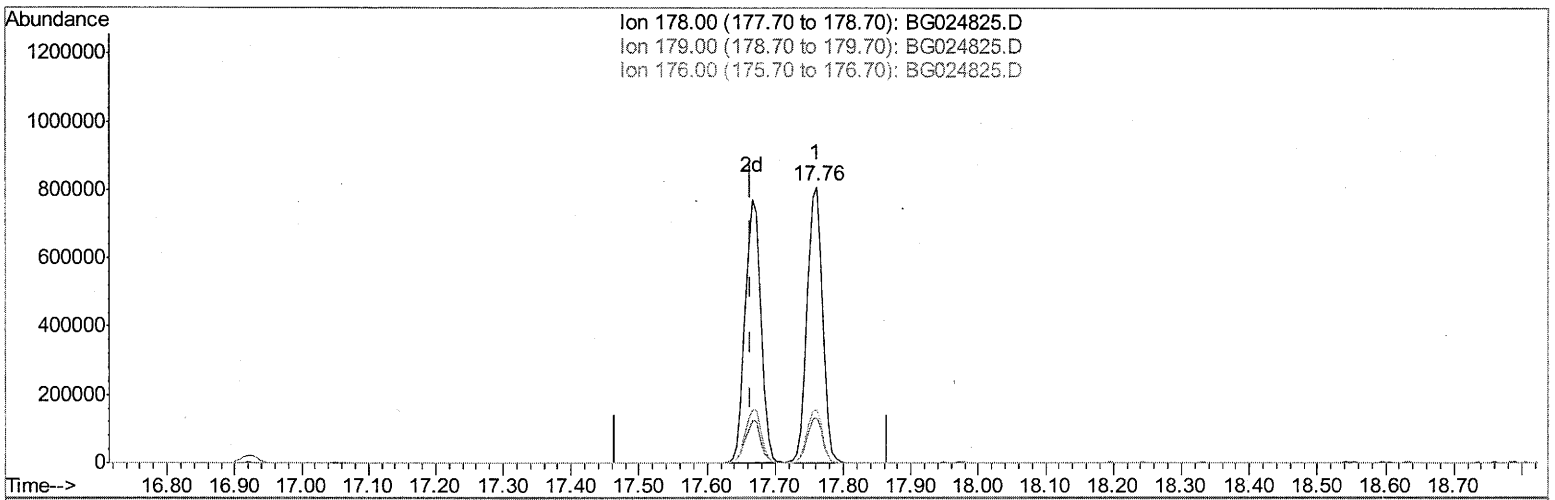

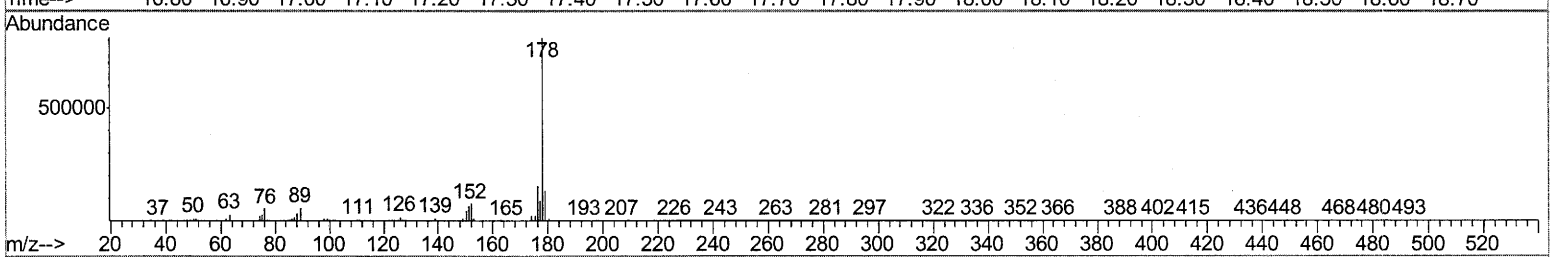

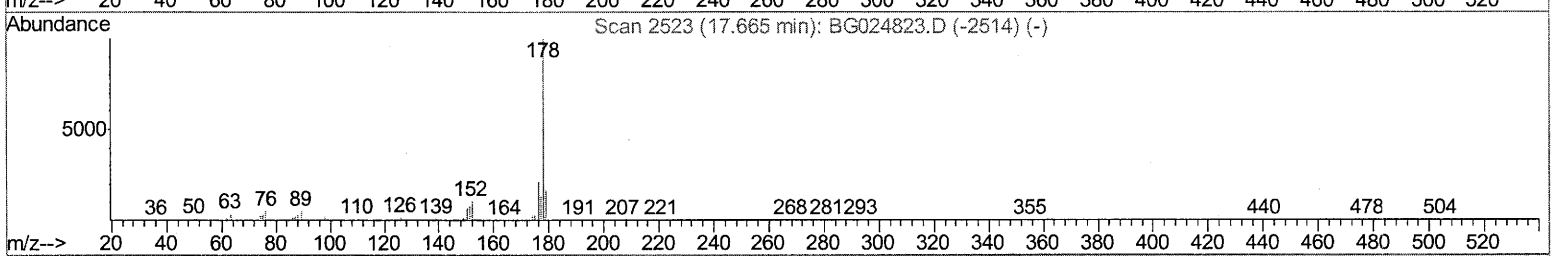

TIC: BG024825.D

(69) Phenanthrene

17.761min (+0.096) 20.76ng/ul

response 1278589

Ion	Exp%	Act%
178.00	100	100
179.00	15.50	16.49
176.00	20.60	18.88
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG111716\
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Misc :
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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
SSTD02016

Manual Integrations APPROVED
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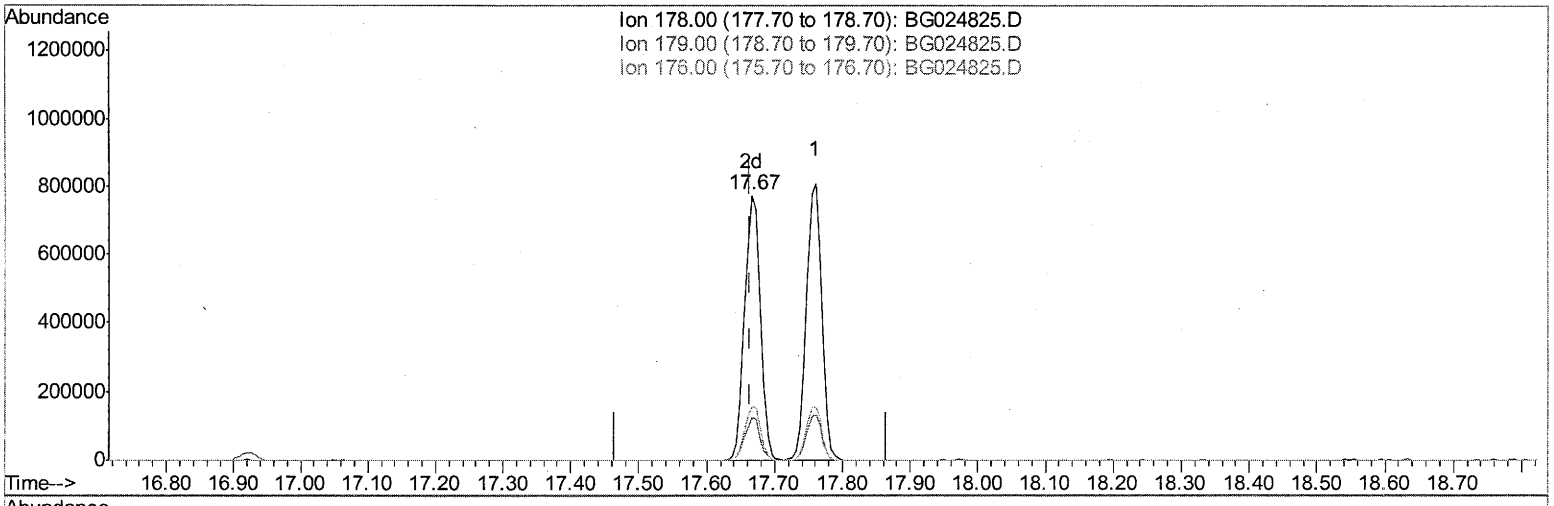

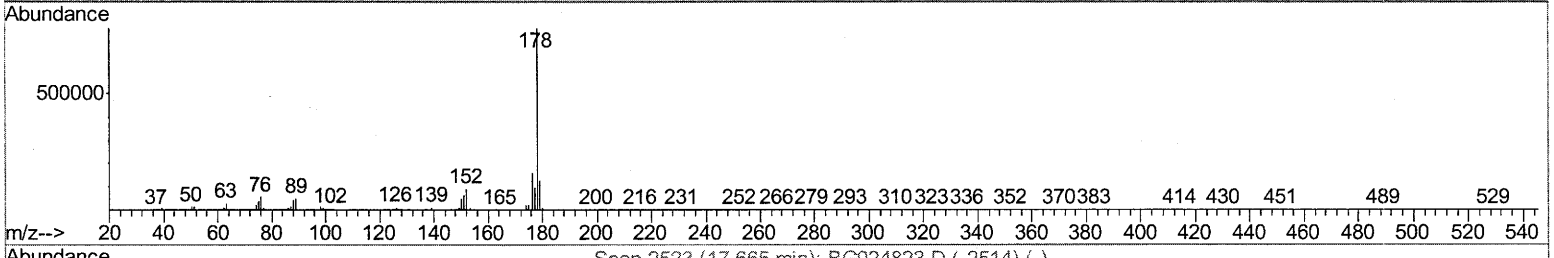

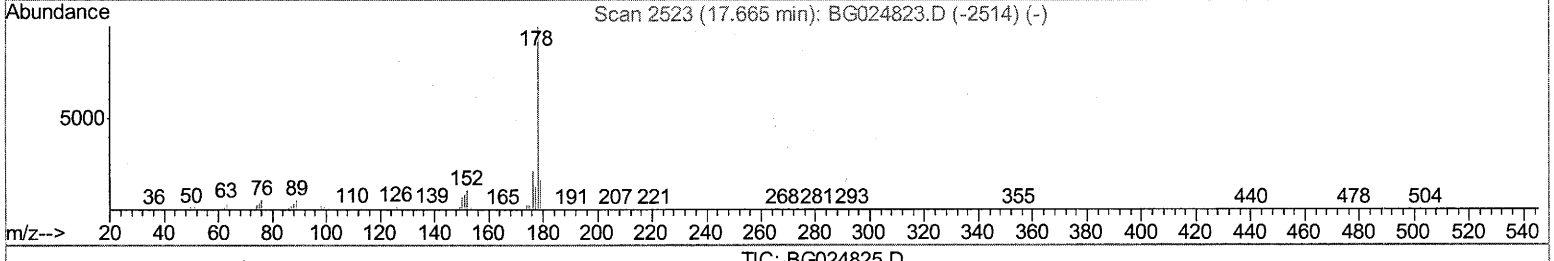

TIC: BG024825.D

(69) Phenanthrene

17.667min (+0.002) 20.34ng/ul m

response 1253316

Ion	Exp%	Act%
178.00	100	100
179.00	15.50	16.31
176.00	20.60	20.69
0.00	0.00	0.00

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11/18/16

Quantitation Report (QT Reviewed)

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LabSampleId : SSTD02016

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)	
1) 1,4-Dichlorobenzene-d4	8.26	152	147743	20.00	ng/ul	0.00	
18) Naphthalene-d8	11.09	136	628332	20.00	ng/ul	0.00	
35) Acenaphthene-d10	14.88	164	540065	20.00	ng/ul	0.00	
61) Phenanthrene-d10	17.63	188	1235697m	20.00	ng/ul	0.00	UM 11/15/16
75) Chrysene-d12	21.92	240	1527214	20.00	ng/ul	0.00	
83) Perylene-d12	25.36	264	1624186	20.00	ng/ul	0.00	
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.62	96	23537	8.25	ng/uL	0.00	
5) Phenol-d5	7.40	99	264310	20.88	ng/ul	0.00	
7) Bis-(2-Chloroethyl)ether-d	7.58	67	157034	19.72	ng/ul	0.00	
9) 2-Chlorophenol-d4	7.79	132	187862	20.70	ng/ul	0.00	
13) 4-Methylphenol-d8	8.95	113	222255	20.91	ng/ul	0.00	
19) Nitrobenzene-d5	9.44	128	94532	19.87	ng/ul	0.00	
22) 2-Nitrophenol-d4	10.16	143	114519	20.17	ng/ul	0.00	
26) 2,4-Dichlorophenol-d3	10.70	165	232846	20.60	ng/ul	0.00	
29) 4-Chloroaniline-d4	11.23	131	271980	21.54	ng/ul	0.00	
43) Dimethylphthalate-d6	14.27	166	813631	20.66	ng/ul	0.00	
46) Acenaphthylene-d8	14.58	160	890837	20.76	ng/ul	0.00	
51) 4-Nitrophenol-d4	15.06	143	145382	20.75	ng/ul	0.00	
57) Fluorene-d10	15.87	176	757238	20.43	ng/ul	0.00	
62) 4,6-Dinitro-2-methylphenol	15.98	200	176904	20.82	ng/ul	0.00	
70) Anthracene-d10	17.72	188	1116014	20.45	ng/ul	0.00	
76) Pyrene-d10	19.99	212	1271728	19.20	ng/ul	0.00	
87) Benzo(a)pyrene-d12	25.12	264	1450398	20.40	ng/ul	0.01	
Target Compounds						Qvalue	
2) 1,4-Dioxane	3.66	88	27064	7.57	ng/uL#	88	
4) Benzaldehyde	7.40	77	181189	22.22	ng/ul	92	
6) Phenol	7.43	94	265698	20.10	ng/ul	93	
8) Bis(2-Chloroethyl)ether	7.67	93	186696	19.84	ng/ul	88	
10) 2-Chlorophenol	7.83	128	176875	20.15	ng/ul	92	
11) 2-Methylphenol	8.69	108	199976	20.65	ng/ul	90	
12) 2,2'-oxybis(1-Chloropropan	8.79	45	317781	19.89	ng/ul#	95	
14) Acetophenone	9.09	105	339347	21.20	ng/ul	93	
15) N-Nitroso-di-n-propylamine	9.07	70	188391	20.71	ng/ul	87	
16) 4-Methylphenol	9.02	108	222695	21.25	ng/ul	94	
17) Hexachloroethane	9.36	117	83911	20.88	ng/ul	89	
20) Nitrobenzene	9.48	77	282347	19.99	ng/ul#	96	
21) Isophorone	10.00	82	534881	20.30	ng/ul	99	
23) 2-Nitrophenol	10.20	139	121845	21.23	ng/ul	88	
24) 2,4-Dimethylphenol	10.23	107	269881	19.81	ng/ul	93	
25) Bis(2-Chloroethoxy)methane	10.48	93	271373	19.62	ng/ul	92	
27) 2,4-Dichlorophenol	10.73	162	219962	20.31	ng/ul	96	
28) Naphthalene	11.14	128	615415	20.42	ng/ul	97	
30) 4-Chloroaniline	11.24	127	266126	21.85	ng/ul	93	
31) Hexachlorobutadiene	11.41	225	190765	20.06	ng/ul	91	
32) Caprolactam	12.01	113	98012m	22.95	ng/ul		UM 11/15/16
33) 4-Chloro-3-methylphenol	12.34	107	277797	21.18	ng/ul	96	
34) 2-Methylnaphthalene	12.73	142	485284	20.46	ng/ul	92	

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Response via : Initial Calibration

Instrument : BNA_G
LabSampleId : SSTD02016

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.08	216	346824	19.79	ng/ul#	94
37) Hexachlorocyclopentadiene	13.05	237	221724	19.63	ng/ul	98
38) 2,4,6-Trichlorophenol	13.32	196	219650	20.61	ng/ul	87
39) 2,4,5-Trichlorophenol	13.40	196	255033	22.02	ng/ul	98
40) 1,1'-Biphenyl	13.72	154	709310	20.41	ng/ul	100
41) 2-Chloronaphthalene	13.77	162	544122	20.15	ng/ul	96
42) 2-Nitroaniline	13.97	65	230128	21.48	ng/ul	98
44) Dimethylphthalate	14.32	163	793885	21.02	ng/ul	97
45) 2,6-Dinitrotoluene	14.46	165	176204	22.19	ng/ul#	90
47) Acenaphthylene	14.61	152	853324	20.54	ng/ul	99
48) 3-Nitroaniline	14.79	138	161158	21.96	ng/ul#	84
49) Acenaphthene	14.95	153	597325	20.31	ng/ul	98
50) 2,4-Dinitrophenol	14.99	184	127118	22.37	ng/ul#	81
52) 4-Nitrophenol	15.08	109	173435	20.67	ng/ul	96
53) Dibenzofuran	15.28	168	905213	20.12	ng/ul	97
54) 2,4-Dinitrotoluene	15.24	165	256622	21.37	ng/ul	87
55) 2,3,4,6-Tetrachlorophenol	15.50	232	264622	21.95	ng/ul	95
56) Diethylphthalate	15.67	149	818711	20.40	ng/ul	96
58) Fluorene	15.93	166	740648	20.28	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.90	204	423008	20.48	ng/ul	88
60) 4-Nitroaniline	15.95	138	169682	20.33	ng/ul	99
63) 4,6-Dinitro-2-methylphenol	16.00	198	185732m	21.56	ng/ul	
64) N-Nitrosodiphenylamine	16.12	169	701495	21.01	ng/ul	95
65) 4-Bromophenyl-phenylether	16.80	248	321297	21.38	ng/ul	93
66) Hexachlorobenzene	16.92	284	360390	21.67	ng/ul	95
67) Atrazine	17.06	200	306876	19.61	ng/ul	97
68) Pentachlorophenol	17.27	266	223117	22.73	ng/ul	89
69) Phenanthrene	17.67	178	1253316m	20.34	ng/ul	
71) Anthracene	17.76	178	1277892	20.06	ng/ul	98
72) Carbazole	18.03	167	1083967	20.74	ng/ul	98
73) Di-n-butylphthalate	18.55	149	1288471	19.56	ng/ul	99
74) Fluoranthene	19.66	202	1455190	20.34	ng/ul	97
77) Pyrene	20.02	202	1485134	19.79	ng/ul	96
78) Butylbenzylphthalate	20.88	149	599398	19.51	ng/ul	98
79) 3,3'-Dichlorobenzidine	21.81	252	488914	16.65	ng/ul	98
80) Benzo(a)anthracene	21.90	228	1667045	20.06	ng/ul	96
81) Bis(2-ethylhexyl)phthalate	21.76	149	854179	20.32	ng/ul#	97
82) Chrysene	21.97	228	1559968	20.02	ng/ul	97
84) Di-n-octyl phthalate	23.03	149	1457691	21.20	ng/ul	100
85) Benzo(b)fluoranthene	24.25	252	1714440	20.04	ng/ul	97
86) Benzo(k)fluoranthene	24.32	252	1647169	20.27	ng/ul	99
88) Benzo(a)pyrene	25.19	252	1683415	20.33	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	29.31	276	2124636	20.52	ng/ul	98
90) Dibenzo(a,h)anthracene	29.37	278	1792915	20.78	ng/ul	95
91) Benzo(g,h,i)perylene	30.54	276	1736129	20.36	ng/ul	98

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

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