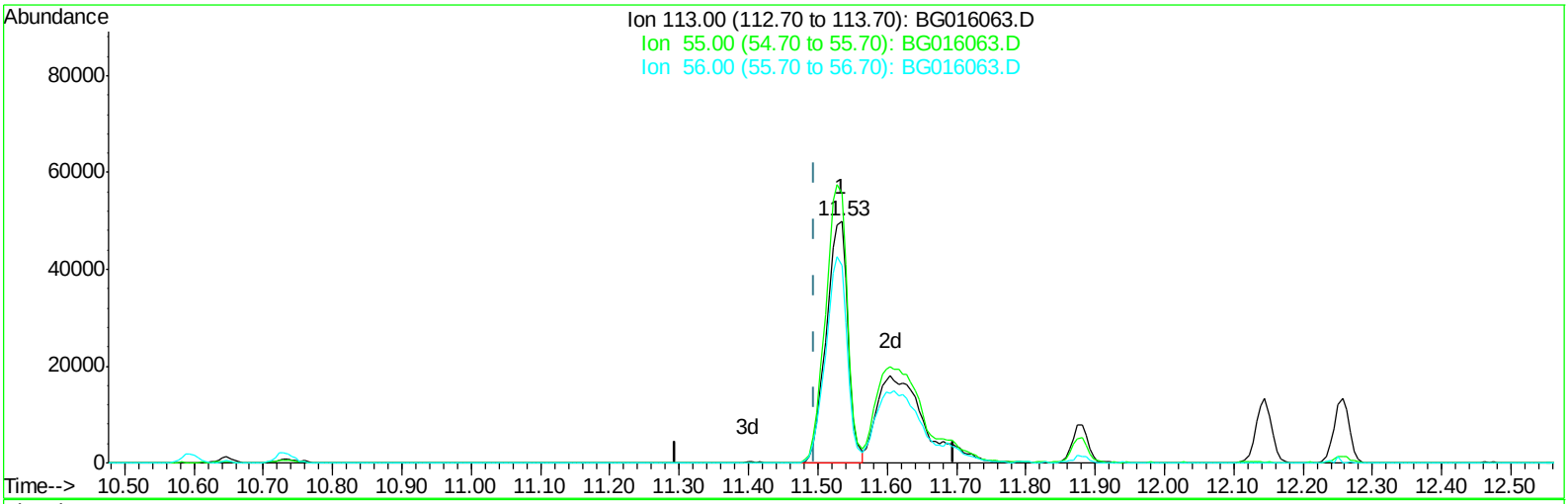
Quantitation Report (Qedit)

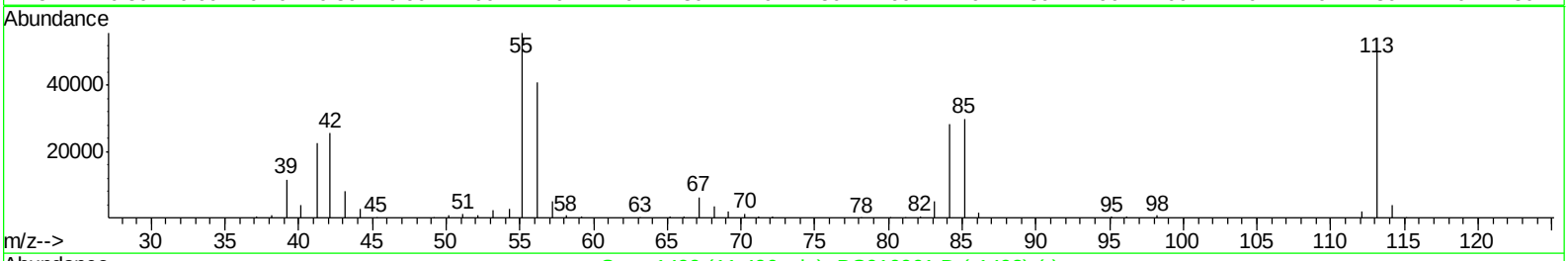
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG031715\
Data File : BG016063.D
Acq On : 17 Mar 2015 18:28
Operator : TP/IZ
Sample : SSTD08025
Misc :
ALS Vial : 6 Sample Multiplier: 1

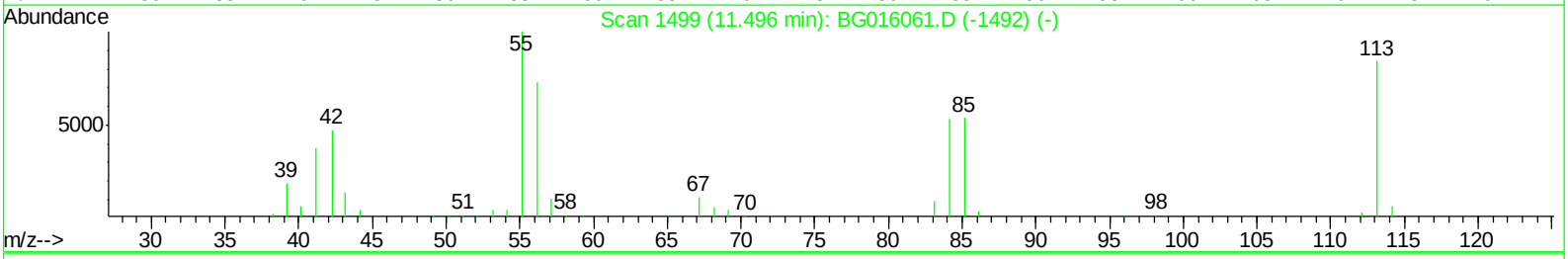
Quant Time: Mar 21 00:34:44 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM01.2-EPA-BG031715.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Mar 21 00:15:08 2015
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD08025

Manual Integrations APPROVED
mohammad
3/19/2015 11:38:03 AM







TIC: BG016063.D

(32) Caprolactam

11.534min (+0.038) 43.48ng/ul

response 107625

Ion	Exp%	Act%
113.00	100	100
55.00	118.50	111.25
56.00	86.70	81.68
0.00	0.00	0.00

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Manual Integrations APPROVED
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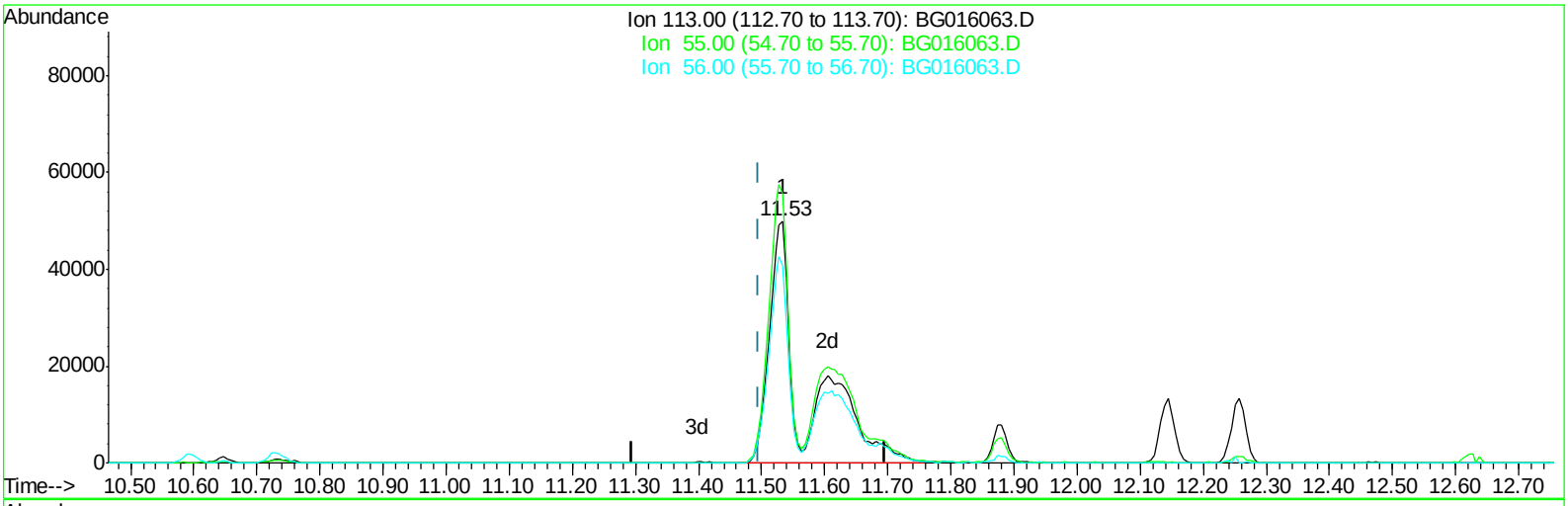

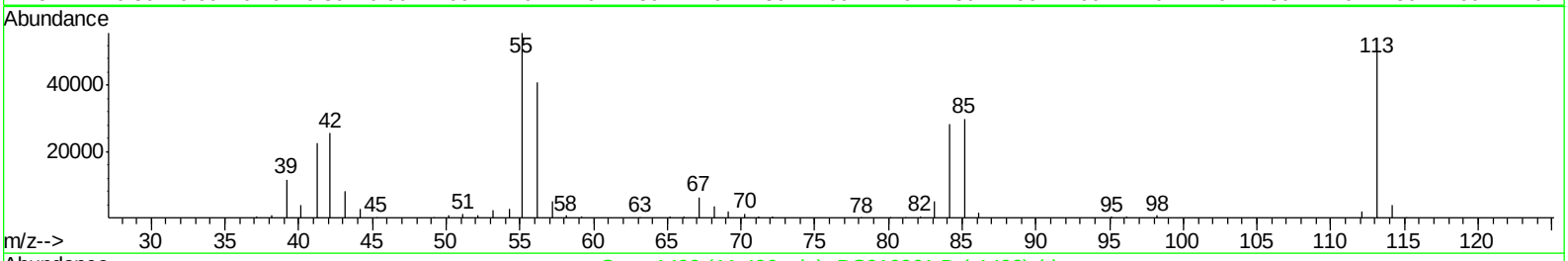

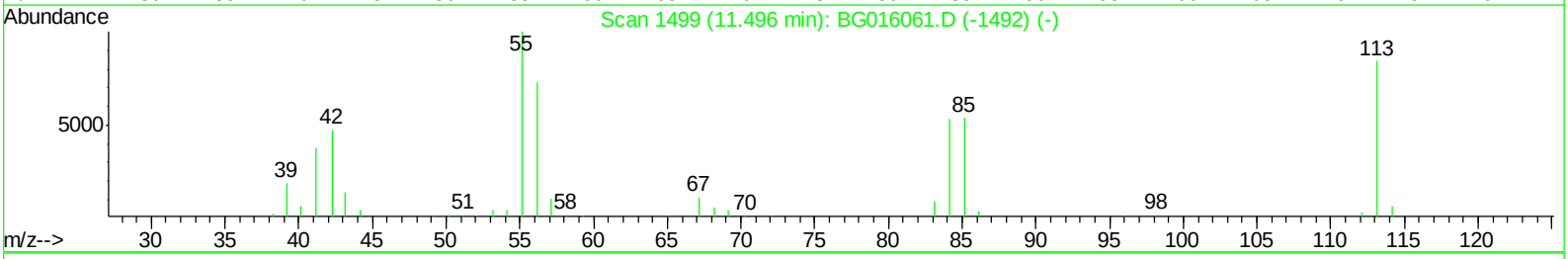

TIC: BG016063.D

(32) Caprolactam

11.534min (+0.038) 78.12ng/ul m

response 193357

Ion	Exp%	Act%
113.00	100	100
55.00	118.50	111.25
56.00	86.70	81.68
0.00	0.00	0.00

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Manual Integrations APPROVED
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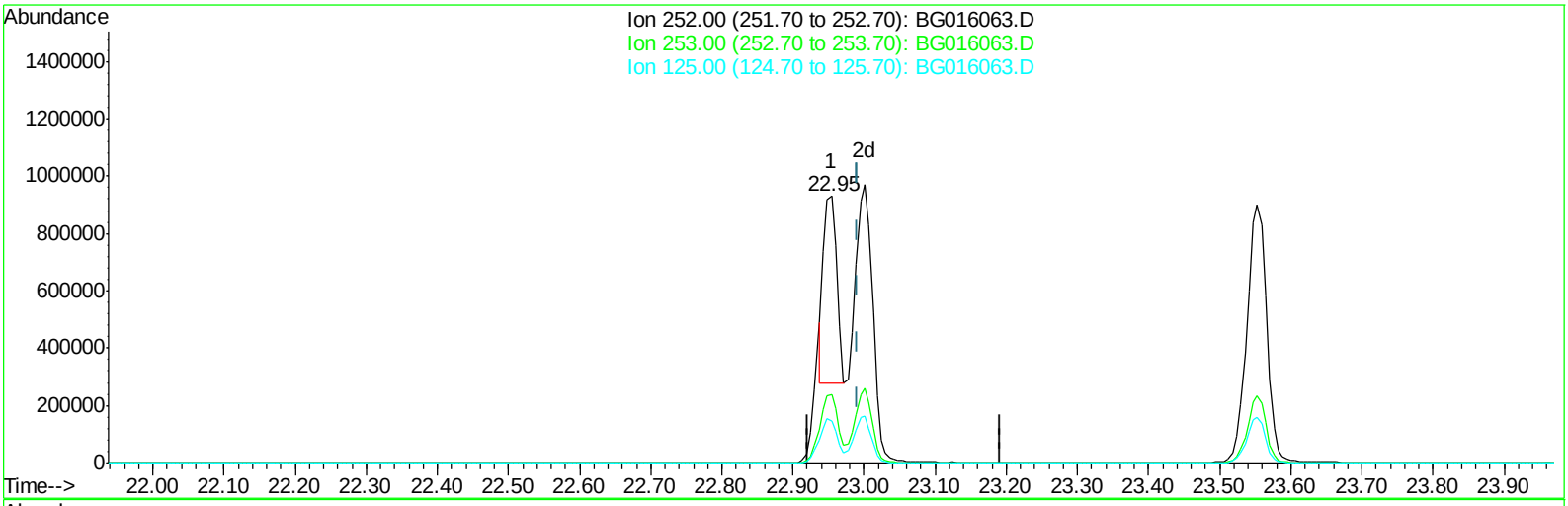

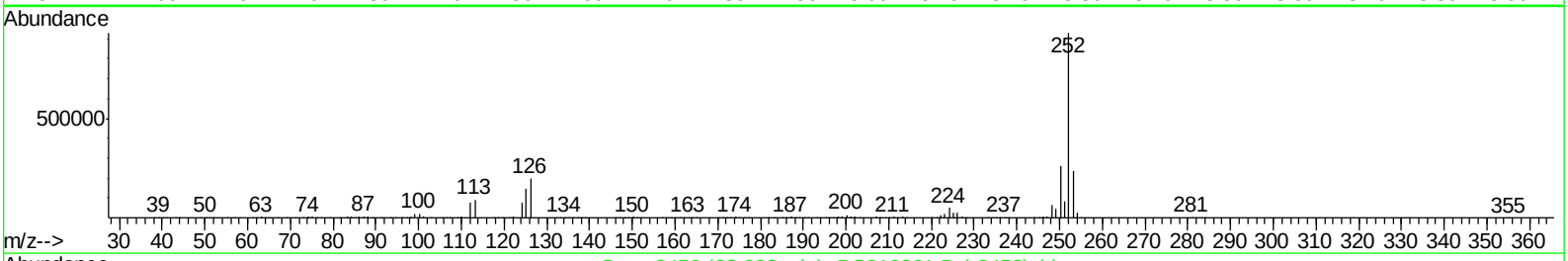

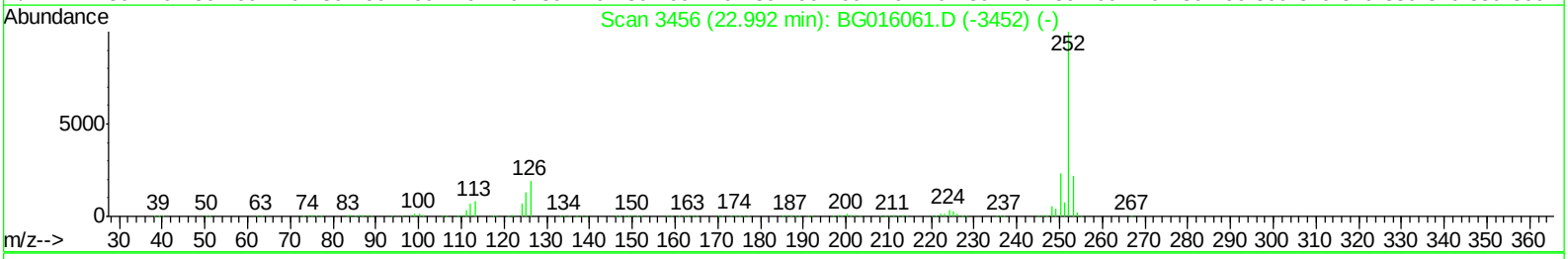

TIC: BG016063.D

(86) Benzo(k)fluoranthene

22.954min (-0.038) 37.81ng/ul

response 857506

Ion	Exp%	Act%
252.00	100	100
253.00	22.20	25.61
125.00	13.40	15.74
0.00	0.00	0.00

Quantitation Report (Qedit)

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Instrument :
BNA_G
ClientSampleId :
SSTD08025

Manual Integrations APPROVED
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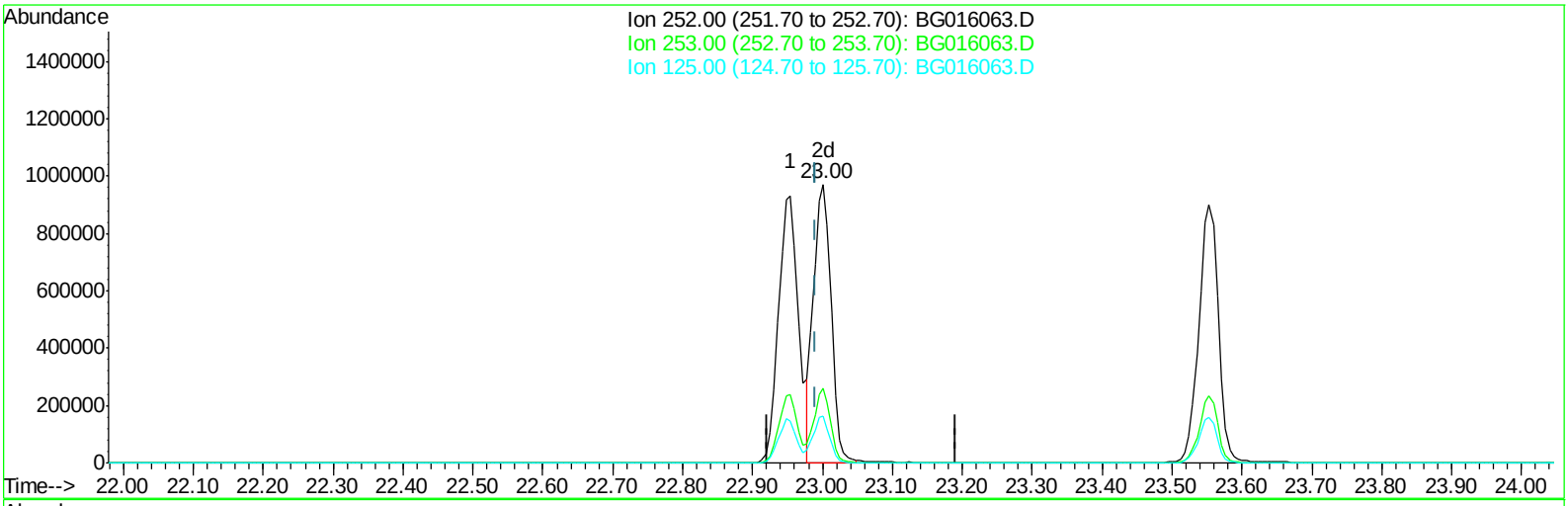

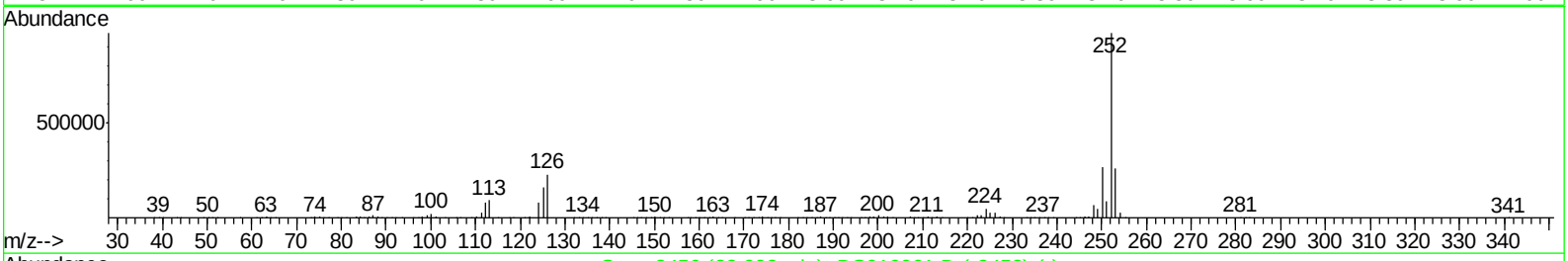

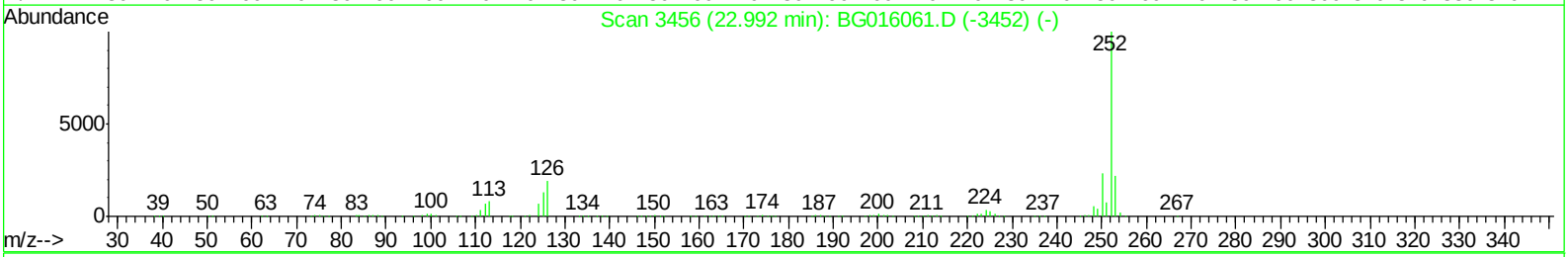

TIC: BG016063.D

(86) Benzo(k)fluoranthene

23.001min (+0.009) 74.11ng/ul m

response 1680616

Ion	Exp%	Act%
252.00	100	100
253.00	22.20	26.62
125.00	13.40	16.74#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Data File : BG016063.D
Acq On : 17 Mar 2015 18:28
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Sample : SSTD08025
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD08025

Manual Integrations APPROVED
mohammad
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Quant Time: Mar 21 00:54:27 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM01.2-EPA-BG031715.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Mar 21 00:15:08 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	73042	20.00	ng/ul	0.00
18) Naphthalene-d8	10.59	136	329225	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.44	164	199013	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.17	188	414326	20.00	ng/ul	0.00
75) Chrysene-d12	21.35	240	428558	20.00	ng/ul	0.00
83) Perylene-d12	23.65	264	415399	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.29	96	53559	29.82	ng/uL	0.00
5) Phenol-d5	6.97	99	535473	75.46	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.15	67	285158	69.99	ng/ul	0.00
9) 2-Chlorophenol-d4	7.34	132	411949	77.65	ng/ul	0.00
13) 4-Methylphenol-d8	8.51	113	410193	75.47	ng/ul	0.00
19) Nitrobenzene-d5	8.97	128	215537	79.31	ng/ul	0.00
22) 2-Nitrophenol-d4	9.68	143	227329	82.94	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.22	165	387262	79.43	ng/ul	0.00
29) 4-Chloroaniline-d4	10.73	131	486008	79.43	ng/ul	0.00
43) Dimethylphthalate-d6	13.85	166	978230	73.91	ng/ul	0.00
46) Acenaphthylene-d8	14.13	160	1331465	73.38	ng/ul	0.00
51) 4-Nitrophenol-d4	14.64	143	266182	81.59	ng/ul	0.01
57) Fluorene-d10	15.43	176	960371	73.97	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.55	200	212949	93.35	ng/ul	0.00
70) Anthracene-d10	17.27	188	1380014	72.80	ng/ul	0.00
76) Pyrene-d10	19.56	212	1456313	76.34	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.50	264	1433445	78.20	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.32	88	62232	30.25	ng/uL	96
4) Benzaldehyde	6.95	77	252620	93.13	ng/ul	94
6) Phenol	7.00	94	576301	76.80	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.23	93	444773	76.38	ng/ul	100
10) 2-Chlorophenol	7.37	128	428409	78.92	ng/ul	98
11) 2-Methylphenol	8.24	108	431883	78.78	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.34	45	490519	63.33	ng/ul	99
14) Acetophenone	8.63	105	603561	74.53	ng/ul	93
15) N-Nitroso-di-n-propylamine	8.63	70	341059	71.62	ng/ul	98
16) 4-Methylphenol	8.58	108	475670	77.95	ng/ul	100
17) Hexachloroethane	8.88	117	164958	78.12	ng/ul	97
20) Nitrobenzene	9.01	77	468988	75.46	ng/ul	95
21) Isophorone	9.53	82	926230	73.38	ng/ul	97
23) 2-Nitrophenol	9.71	139	252908	84.66	ng/ul	98
24) 2,4-Dimethylphenol	9.77	107	469081	77.66	ng/ul	96
25) Bis(2-Chloroethoxy)methane	10.01	93	571306	76.65	ng/ul	99
27) 2,4-Dichlorophenol	10.24	162	389460	80.93	ng/ul	99
28) Naphthalene	10.65	128	1299796	75.41	ng/ul	97
30) 4-Chloroaniline	10.75	127	500240	80.88	ng/ul	99
31) Hexachlorobutadiene	10.93	225	201096	79.06	ng/ul	99
32) Caprolactam	11.53	113	193357m	78.12	ng/ul	
33) 4-Chloro-3-methylphenol	11.88	107	438511	77.13	ng/ul	99
34) 2-Methylnaphthalene	12.26	142	947195	76.96	ng/ul	99

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ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD08025

Manual Integrations APPROVED
mohammad
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Quant Time: Mar 21 00:54:27 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM01.2-EPA-BG031715.M
Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.63	216	411003	79.61	ng/ul	99
37) Hexachlorocyclopentadiene	12.60	237	248611	79.51	ng/ul	96
38) 2,4,6-Trichlorophenol	12.86	196	282396	83.29	ng/ul	100
39) 2,4,5-Trichlorophenol	12.93	196	311127	82.85	ng/ul	96
40) 1,1'-Biphenyl	13.27	154	1147361	75.84	ng/ul	96
41) 2-Chloronaphthalene	13.31	162	880872	78.29	ng/ul	97
42) 2-Nitroaniline	13.52	65	281169	77.13	ng/ul	98
44) Dimethylphthalate	13.90	163	1080736	74.58	ng/ul	97
45) 2,6-Dinitrotoluene	14.02	165	267621	86.69	ng/ul	98
47) Acenaphthylene	14.16	152	1455263	73.88	ng/ul	93
48) 3-Nitroaniline	14.34	138	278104	77.93	ng/ul	94
49) Acenaphthene	14.50	153	1001537	76.80	ng/ul	97
50) 2,4-Dinitrophenol	14.55	184	146116	98.97	ng/ul	96
52) 4-Nitrophenol	14.65	109	143306	79.01	ng/ul	97
53) Dibenzofuran	14.84	168	1303025	74.32	ng/ul	94
54) 2,4-Dinitrotoluene	14.80	165	378340	86.95	ng/ul	96
55) 2,3,4,6-Tetrachlorophenol	15.06	232	277296	84.68	ng/ul	96
56) Diethylphthalate	15.26	149	1117703	74.76	ng/ul	95
58) Fluorene	15.48	166	1143343	74.67	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.48	204	533005	75.56	ng/ul	95
60) 4-Nitroaniline	15.51	138	331752	78.33	ng/ul	97
63) 4,6-Dinitro-2-methylphenol	15.56	198	235325	92.30	ng/ul#	95
64) N-Nitrosodiphenylamine	15.69	169	995580	76.75	ng/ul	95
65) 4-Bromophenyl-phenylether	16.37	248	340855	79.05	ng/ul	98
66) Hexachlorobenzene	16.48	284	376817	77.65	ng/ul	98
67) Atrazine	16.64	200	358172	80.37	ng/ul	100
68) Pentachlorophenol	16.82	266	243588	88.70	ng/ul	95
69) Phenanthrene	17.22	178	1643586	72.93	ng/ul#	92
71) Anthracene	17.31	178	1642439	70.74	ng/ul#	89
72) Carbazole	17.58	167	1615682	72.01	ng/ul#	91
73) Di-n-butylphthalate	18.14	149	1823977	69.69	ng/ul#	93
74) Fluoranthene	19.23	202	1791612	70.25	ng/ul#	92
77) Pyrene	19.59	202	1824654	72.30	ng/ul#	86
78) Butylbenzylphthalate	20.49	149	907402	81.15	ng/ul	92
79) 3,3'-Dichlorobenzidine	21.27	252	590279	73.23	ng/ul	97
80) Benzo(a)anthracene	21.33	228	1697112	71.67	ng/ul#	87
81) Bis(2-ethylhexyl)phthalate	21.26	149	1188613	79.85	ng/ul#	91
82) Chrysene	21.39	228	1596046	71.93	ng/ul#	86
84) Di-n-octyl phthalate	22.15	149	1918521	77.55	ng/ul	100
85) Benzo(b)fluoranthene	22.95	252	1759741	74.89	ng/ul	94
86) Benzo(k)fluoranthene	23.00	252	1680616m	74.11	ng/ul	
88) Benzo(a)pyrene	23.55	252	1765140	77.36	ng/ul#	92
89) Indeno(1,2,3-cd)pyrene	26.01	276	2184226	80.25	ng/ul	94
90) Dibenzo(a,h)anthracene	26.03	278	1818652	79.53	ng/ul	96
91) Benzo(g,h,i)perylene	26.74	276	1826859	80.42	ng/ul	95

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

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