Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081815\
Data File : BG018460.D
Acq On : 18 Aug 2015 12:21
Operator : UM/MA
Sample : MDL-04-S
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Aug 19 00:56:29 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 19 00:53:00 2015
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
MDL-04-S-ML

Manual Integrations APPROVED
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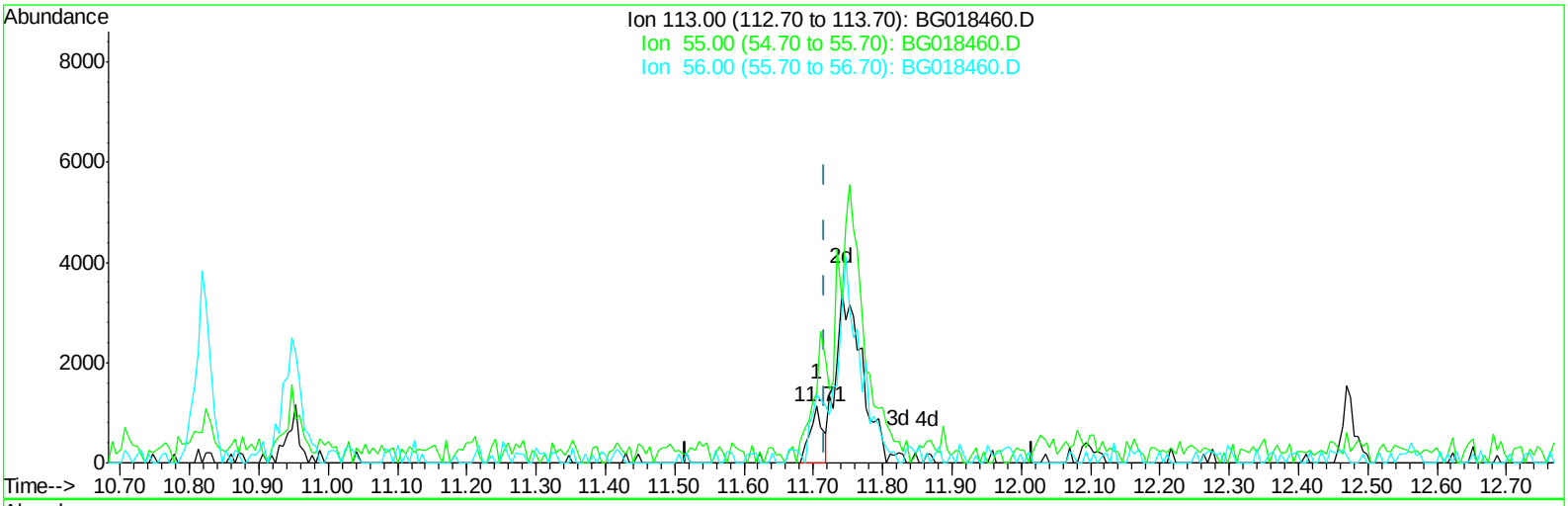

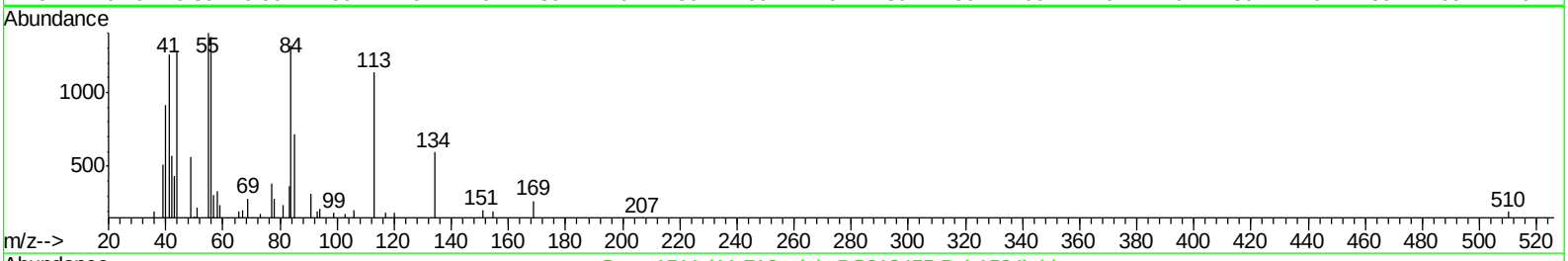

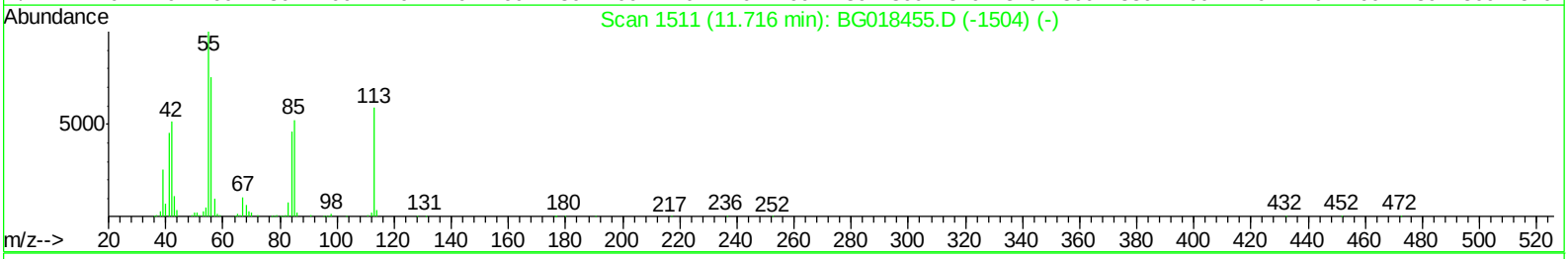

TIC: BG018460.D

(32) Caprolactam

11.705min (-0.011) 0.50ng/ul

response 1461

Ion	Exp%	Act%
113.00	100	100
55.00	155.30	123.54#
56.00	122.80	121.25
0.00	0.00	0.00

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Instrument :
BNA_G
ClientSampleId :
MDL-04-S-ML

Manual Integrations APPROVED
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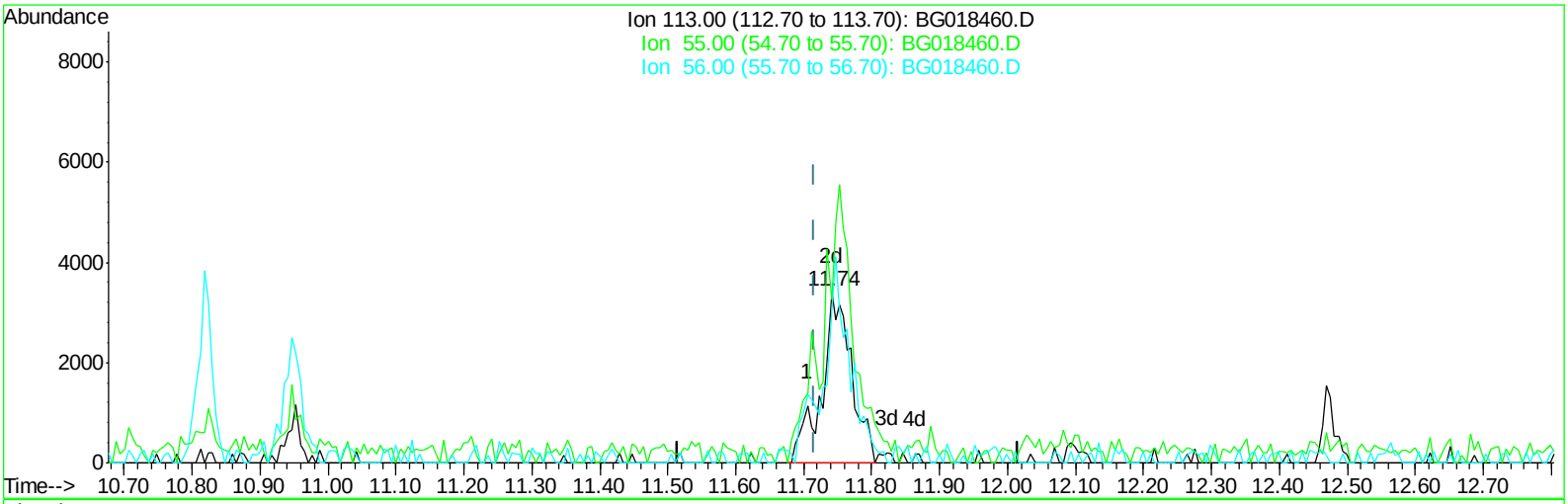

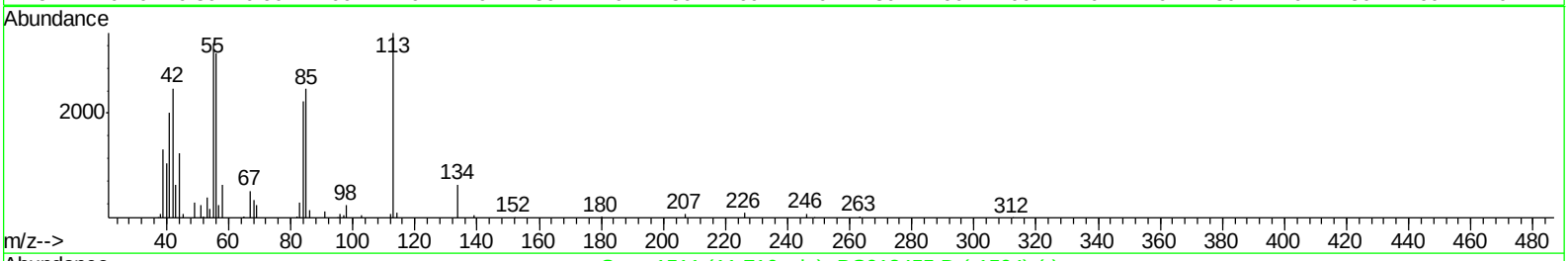

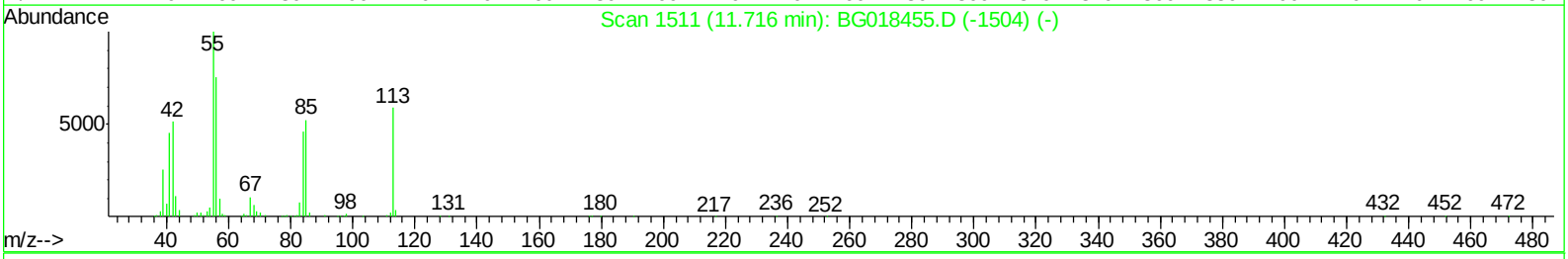

TIC: BG018460.D

(32) Caprolactam

11.741min (+0.024) 3.55ng/ul m

response 10428

Ion	Exp%	Act%
113.00	100	100
55.00	155.30	94.97#
56.00	122.80	89.86#
0.00	0.00	0.00

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BNA_G
ClientSampleId :
MDL-04-S-ML

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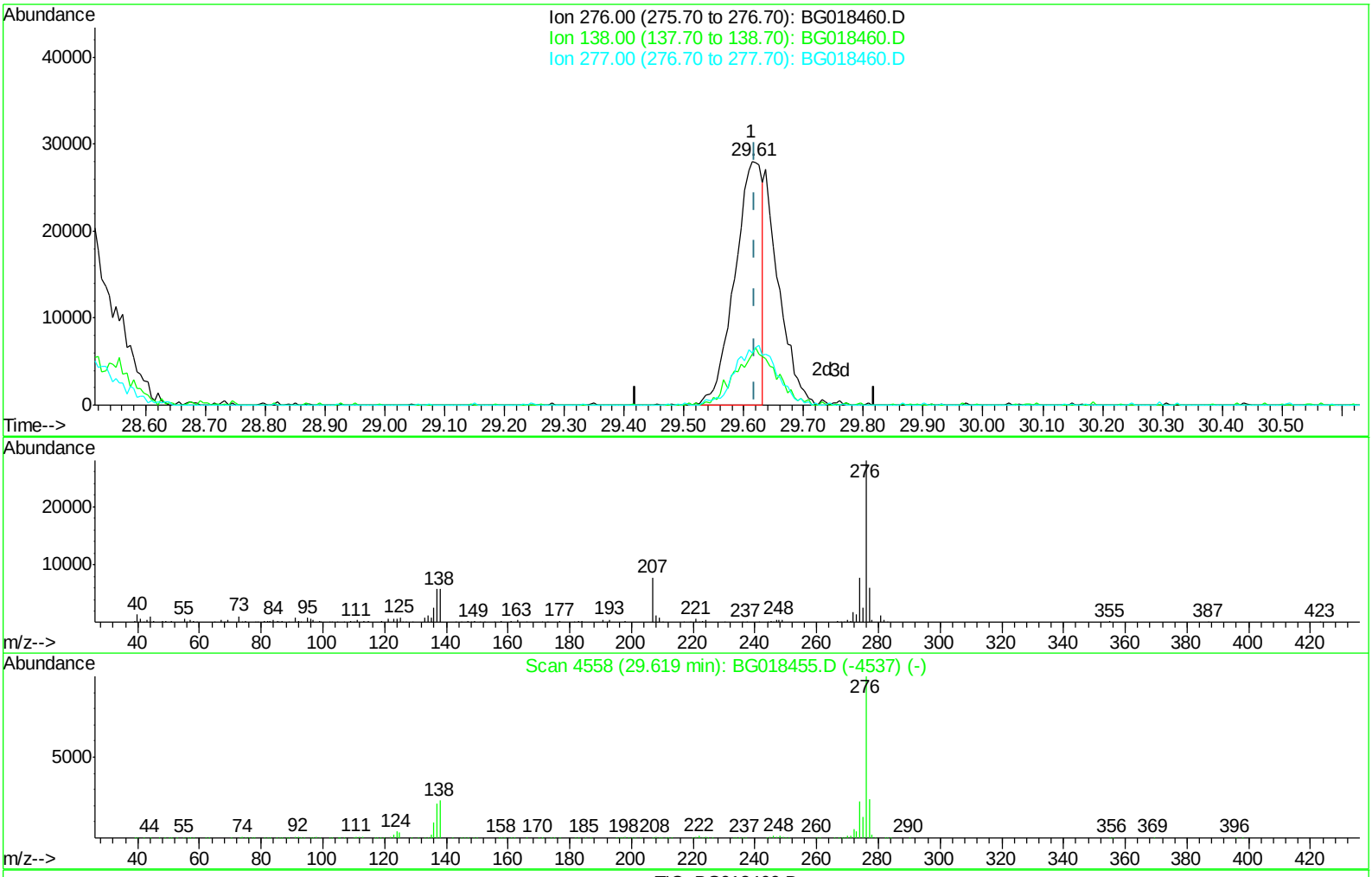

TIC: BG018460.D

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

29.614min (-0.005) 1.98ng/ul

response 89616

Ion	Exp%	Act%
276.00	100	100
138.00	20.60	20.88
277.00	23.80	21.39
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081815\
Data File : BG018460.D
Acq On : 18 Aug 2015 12:21
Operator : UM/MA
Sample : MDL-04-S
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Aug 19 00:56:29 2015
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QLast Update : Wed Aug 19 00:53:00 2015
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
MDL-04-S-ML

Manual Integrations APPROVED
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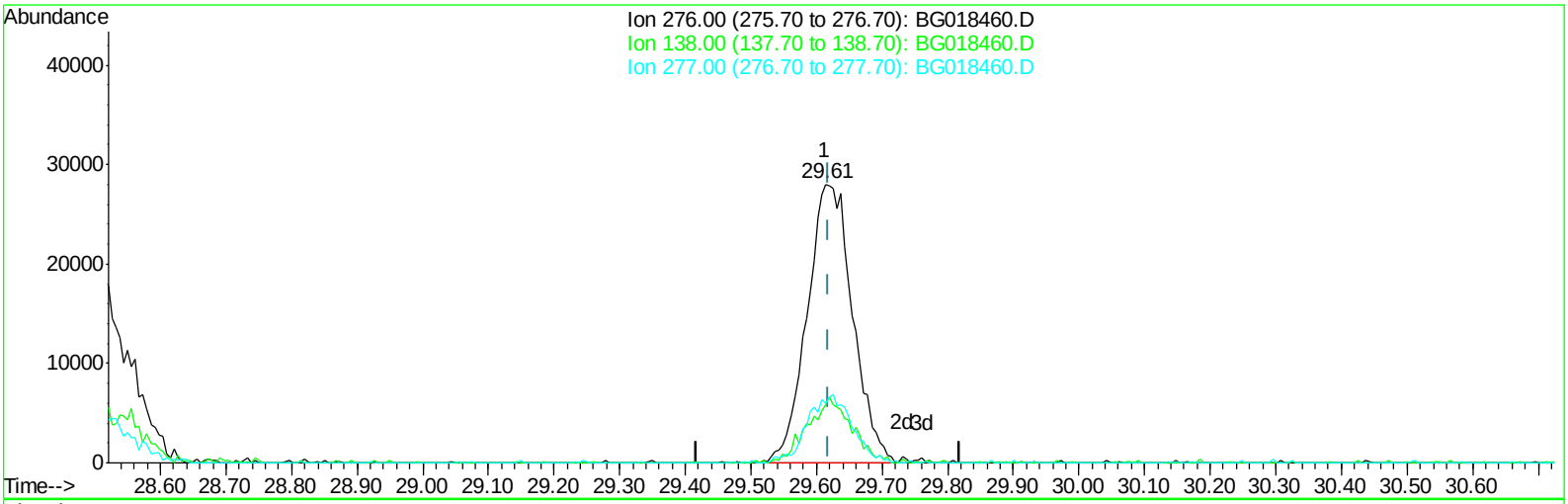

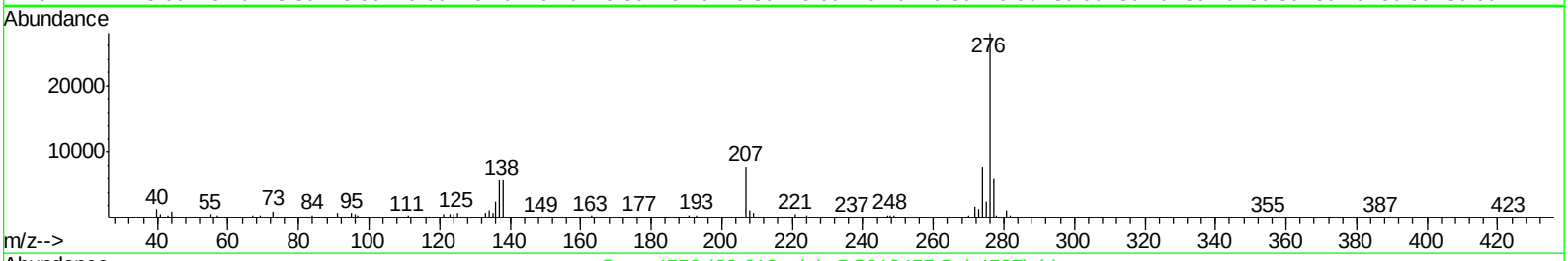

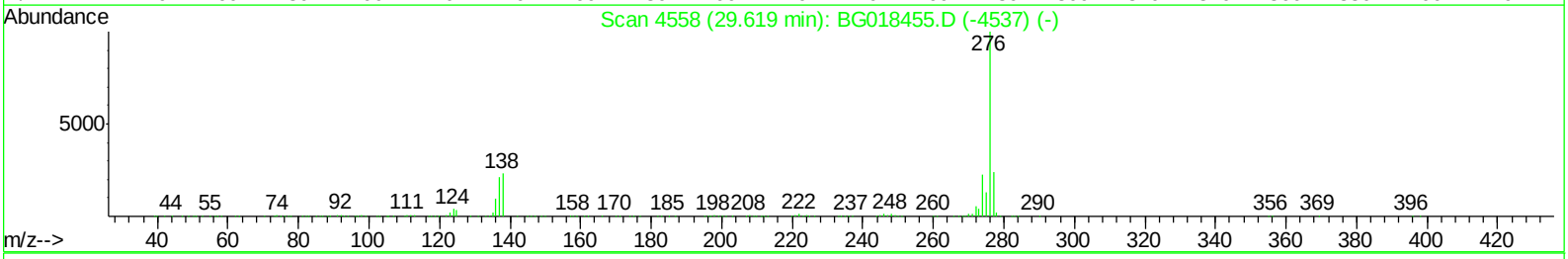

TIC: BG018460.D

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

29.614min (-0.005) 2.99ng/ul m

response 135551

Ion	Exp%	Act%
276.00	100	100
138.00	20.60	20.88
277.00	23.80	21.39
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081815\
Data File : BG018460.D
Acq On : 18 Aug 2015 12:21
Operator : UM/MA
Sample : MDL-04-S
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MDL-04-S-ML

Manual Integrations APPROVED
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Quant Time: Aug 19 01:27:18 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 19 00:53:00 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	98393	20.00	ng/ul	0.00
18) Naphthalene-d8	10.82	136	461614	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.64	164	302895	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.39	188	778174	20.00	ng/ul	0.00
78) Chrysene-d12	21.65	240	790945	20.00	ng/ul	0.00
86) Perylene-d12	24.85	264	780461	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.45	96	14038	6.30	ng/uL	0.00
5) Phenol-d5	7.17	99	319773	35.81	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.34	67	205561	37.15	ng/ul	0.00
9) 2-Chlorophenol-d4	7.55	132	240544	35.17	ng/ul	0.00
13) 4-Methylphenol-d8	8.71	113	272057	36.26	ng/ul	0.00
19) Nitrobenzene-d5	9.17	128	133527	37.11	ng/ul	0.00
22) 2-Nitrophenol-d4	9.90	143	134410	36.68	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.44	165	263233	33.84	ng/ul	0.00
29) 4-Chloroaniline-d4	10.95	131	385770	43.89	ng/ul	0.00
44) Dimethylphthalate-d6	14.04	166	931342	36.54	ng/ul	0.00
47) Acenaphthylene-d8	14.34	160	1137516	35.45	ng/ul	0.00
52) 4-Nitrophenol-d4	14.83	143	188707	41.17	ng/ul	0.00
58) Fluorene-d10	15.64	176	821687	37.02	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.74	200	137136	35.83	ng/ul	0.00
71) Anthracene-d10	17.49	188	1328692	35.70	ng/ul	0.00
79) Pyrene-d10	19.77	212	1467370	35.76	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.64	264	1541789	37.21	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.49	88	1515	0.64	ng/uL#	64
4) Benzaldehyde	7.15	77	20545	3.92	ng/ul	90
6) Phenol	7.20	94	27083	2.97	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.43	93	23526	3.36	ng/ul	94
10) 2-Chlorophenol	7.58	128	19837	2.85	ng/ul#	90
11) 2-Methylphenol	8.45	108	21196	3.00	ng/ul	95
12) 2,2'-oxybis(1-Chloropropan	8.55	45	30172	2.68	ng/ul	99
14) Acetophenone	8.83	105	37239	3.44	ng/ul#	87
15) N-Nitroso-di-n-propylamine	8.81	70	21704	3.49	ng/ul#	88
16) 4-Methylphenol	8.77	108	23028	2.99	ng/ul	89
17) Hexachloroethane	9.10	117	7982	2.66	ng/ul	88
20) Nitrobenzene	9.22	77	27255	3.00	ng/ul	94
21) Isophorone	9.74	82	57381	3.29	ng/ul	99
23) 2-Nitrophenol	9.93	139	12966	3.19	ng/ul	91
24) 2,4-Dimethylphenol	9.99	107	25362	2.78	ng/ul	97
25) Bis(2-Chloroethoxy)methane	10.22	93	32580	2.99	ng/ul#	89
27) 2,4-Dichlorophenol	10.47	162	20594	2.83	ng/ul#	85
28) Naphthalene	10.87	128	71868	2.95	ng/ul	100
30) 4-Chloroaniline	10.97	127	32927	3.68	ng/ul	90
31) Hexachlorobutadiene	11.16	225	13948	3.03	ng/ul#	86
32) Caprolactam	11.74	113	10428m	3.55	ng/ul	
33) 4-Chloro-3-methylphenol	12.09	107	26497	3.14	ng/ul	96
34) 2-Methylnaphthalene	12.48	142	56006	3.17	ng/ul	94

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081815\
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Acq On : 18 Aug 2015 12:21
Operator : UM/MA
Sample : MDL-04-S
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MDL-04-S-ML

Manual Integrations APPROVED
MMDadoda
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Quant Time: Aug 19 01:27:18 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 19 00:53:00 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
37) 1,2,4,5-Tetrachlorobenzene	12.84	216	27341	2.82 ng/ul#	88
38) Hexachlorocyclopentadiene	12.82	237	14529	2.51 ng/ul	96
39) 2,4,6-Trichlorophenol	13.07	196	19258	2.91 ng/ul	85
40) 2,4,5-Trichlorophenol	13.14	196	19342	2.72 ng/ul	96
41) 1,1'-Biphenyl	13.47	154	74667	2.95 ng/ul#	95
42) 2-Chloronaphthalene	13.52	162	57394	2.92 ng/ul	96
43) 2-Nitroaniline	13.71	65	19633	3.10 ng/ul	97
45) Dimethylphthalate	14.09	163	79651	3.17 ng/ul	98
46) 2,6-Dinitrotoluene	14.21	165	15205	3.04 ng/ul	89
48) Acenaphthylene	14.37	152	102883	3.20 ng/ul	98
49) 3-Nitroaniline	14.54	138	17020	3.33 ng/ul#	97
50) Acenaphthene	14.70	153	69704	3.09 ng/ul	93
51) 2,4-Dinitrophenol	14.74	184	5465	2.24 ng/ul	91
53) 4-Nitrophenol	14.84	109	11102	2.79 ng/ul	91
54) Dibenzofuran	15.04	168	95430	3.23 ng/ul	98
55) 2,4-Dinitrotoluene	14.99	165	22758	3.19 ng/ul#	94
56) 2,3,4,6-Tetrachlorophenol	15.27	232	17370	2.80 ng/ul#	94
57) Diethylphthalate	15.45	149	87812	3.29 ng/ul	99
59) Fluorene	15.69	166	81657	3.22 ng/ul	89
60) 4-Chlorophenyl-phenylether	15.68	204	36683	3.05 ng/ul	96
61) 4-Nitroaniline	15.69	138	19741	3.50 ng/ul	87
64) 4,6-Dinitro-2-methylphenol	15.76	198	13252	3.25 ng/ul#	90
65) N-Nitrosodiphenylamine	15.89	169	70534	3.01 ng/ul	96
66) 4-Bromophenyl-phenylether	16.58	248	23500	2.79 ng/ul	88
67) Hexachlorobenzene	16.69	284	26880	3.02 ng/ul	96
68) Atrazine	16.83	200	30079	3.43 ng/ul	96
69) Pentachlorophenol	17.04	266	12738	2.14 ng/ul	97
70) Phenanthrene	17.43	178	136874	3.24 ng/ul	97
72) Anthracene	17.52	178	140992	3.28 ng/ul	96
73) 1,2,3,4-Tetrachlorobenzene	13.44	216	28775	2.67 ng/uL	86
74) Pentachlorobenzene	14.96	250	27023	2.63 ng/uL	89
75) Carbazole	17.78	167	134098	3.55 ng/ul	96
76) Di-n-butylphthalate	18.34	149	168551	3.42 ng/ul	99
77) Fluoranthene	19.43	202	167833	3.72 ng/ul	100
80) Pyrene	19.80	202	178228	3.33 ng/ul	96
81) Butylbenzylphthalate	20.68	149	70168	3.10 ng/ul	96
82) 3,3'-Dichlorobenzidine	21.54	252	53469	3.26 ng/ul	99
83) Benzo(a)anthracene	21.63	228	160116	3.26 ng/ul	97
84) Bis(2-ethylhexyl)phthalate	21.54	149	101999	3.19 ng/ul	98
85) Chrysene	21.69	228	148051	3.23 ng/ul#	90
87) Di-n-octyl phthalate	22.75	149	172594	3.43 ng/ul	100
88) Benzo(b)fluoranthene	23.83	252	153536	3.13 ng/ul	99
89) Benzo(k)fluoranthene	23.89	252	147222	3.12 ng/ul	98
91) Benzo(a)pyrene	24.70	252	148311	3.18 ng/ul#	96
92) Indeno(1,2,3-cd)pyrene	28.48	276	166832	3.09 ng/ul	97
93) Dibenzo(a,h)anthracene	28.56	278	131371	2.93 ng/ul	95
94) Benzo(g,h,i)perylene	29.61	276	135551m	2.99 ng/ul	

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

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