Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081815\
Data File : BG018457.D
Acq On : 18 Aug 2015 10:25
Operator : UM/MA
Sample : MDL-01-S
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Aug 19 00:54:02 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-01-S-ML

Manual Integrations APPROVED
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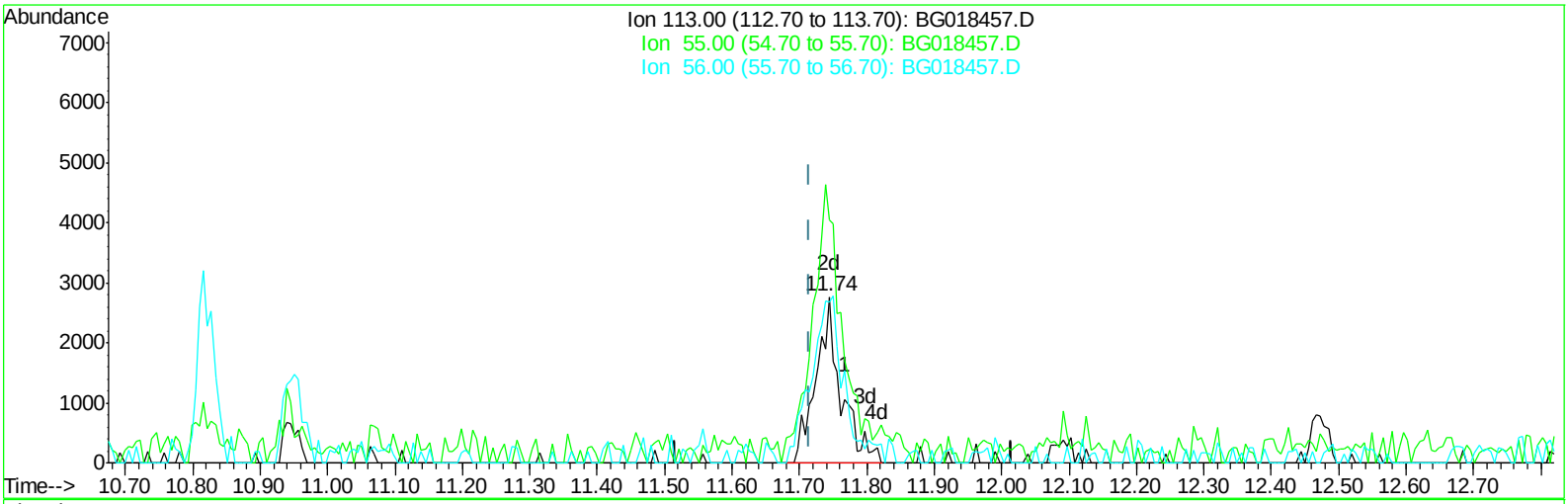

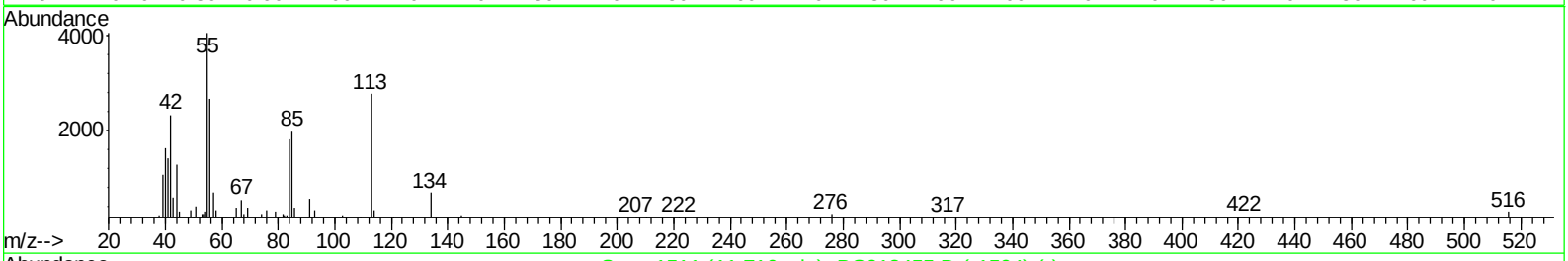

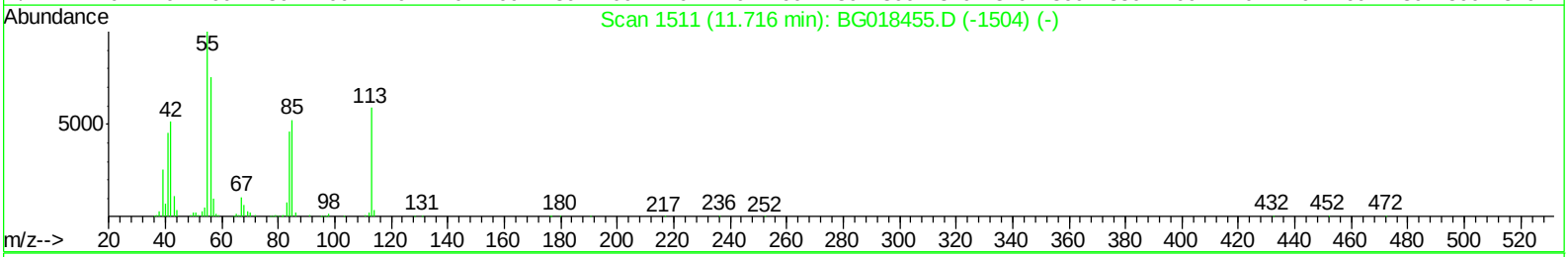

TIC: BG018457.D

(32) Caprolactam

11.744min (+0.028) 2.43ng/ul m

response 7179

Ion	Exp%	Act%
113.00	100	100
55.00	155.30	146.35
56.00	122.80	96.71#
0.00	0.00	0.00

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Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 19 00:53:00 2015
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Instrument :
BNA_G
ClientSampleId :
MDL-01-S-ML

Manual Integrations APPROVED
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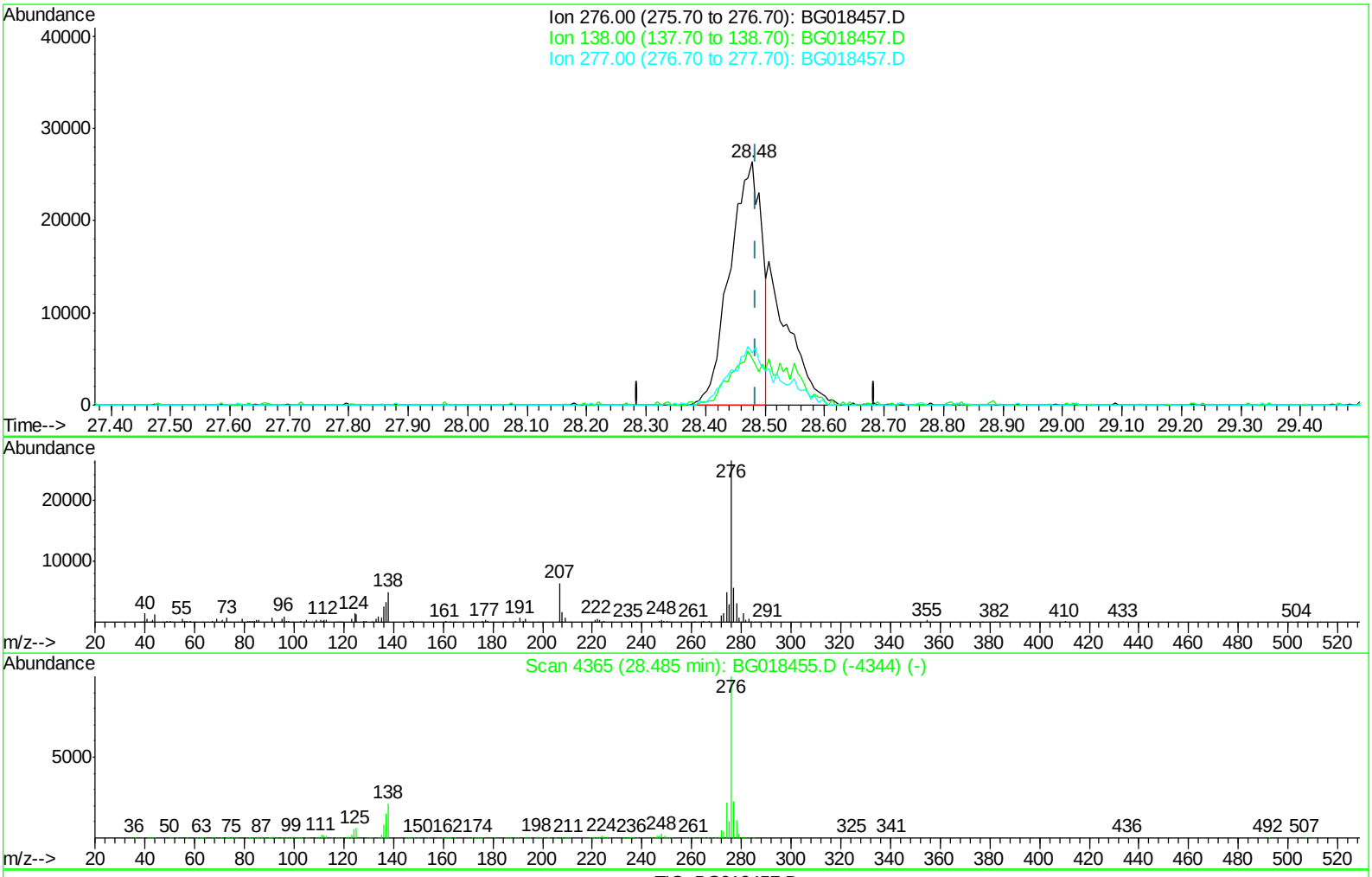

TIC: BG018457.D

(92) Indeno(1,2,3-cd)pyrene

28.478min (-0.007) 1.80ng/ul

response 97972

Ion	Exp%	Act%
276.00	100	100
138.00	19.70	19.09
277.00	23.60	21.58
0.00	0.00	0.00

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ClientSampleId :
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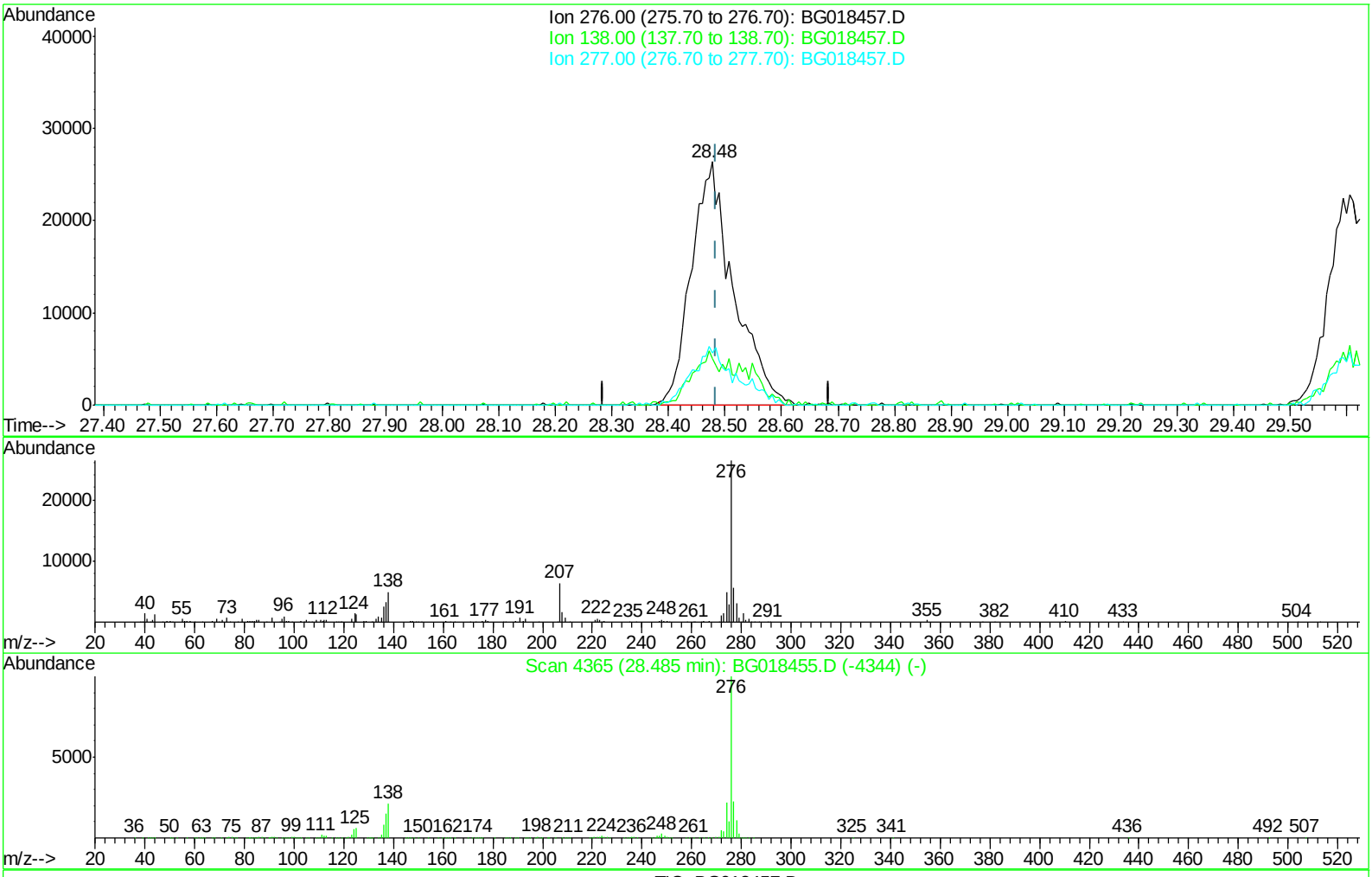

TIC: BG018457.D

(92) Indeno(1,2,3-cd)pyrene

28.478min (-0.007) 2.52ng/ul m

response 136585

Ion	Exp%	Act%
276.00	100	100
138.00	19.70	19.09
277.00	23.60	21.58
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081815\
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Instrument :
BNA_G
ClientSampleId :
MDL-01-S-ML

Manual Integrations APPROVED
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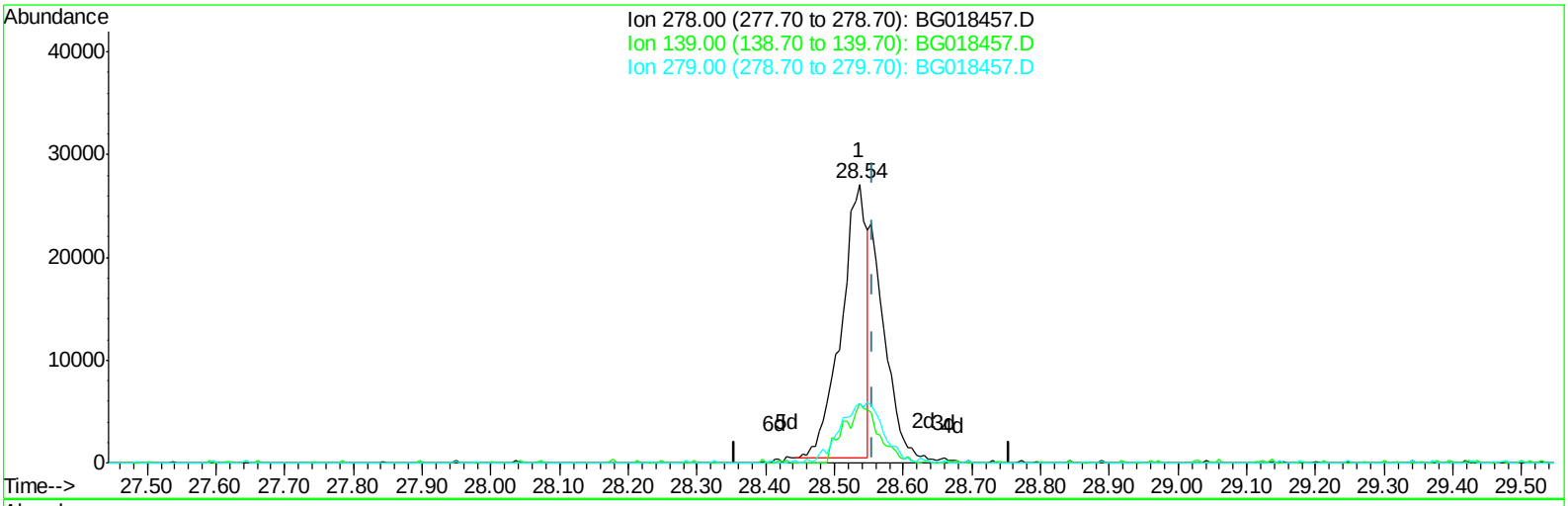

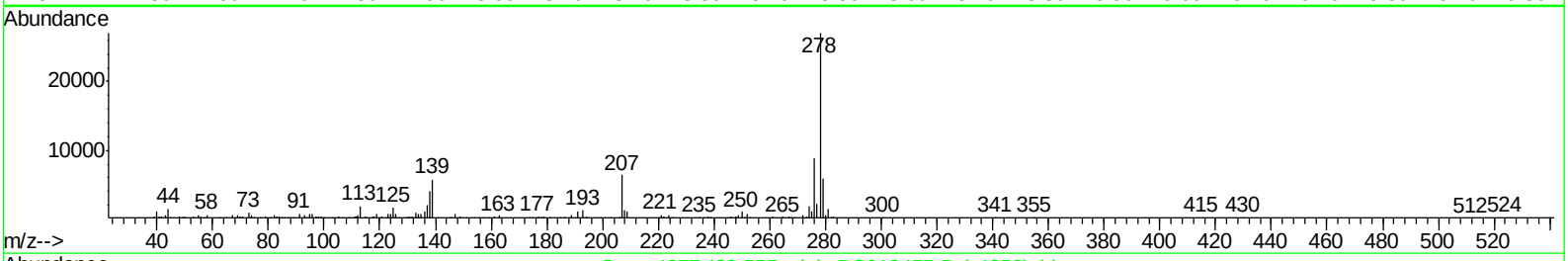

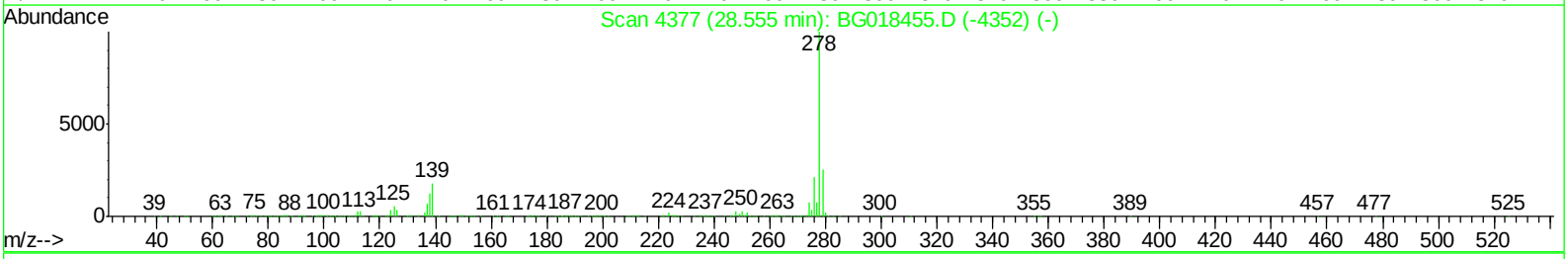

TIC: BG018457.D

(93) Dibenzo(a,h)anthracene

28.536min (-0.019) 1.53ng/ul

response 68941

Ion	Exp%	Act%
278.00	100	100
139.00	17.20	21.16#
279.00	22.30	21.51
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081815\
Data File : BG018457.D
Acq On : 18 Aug 2015 10:25
Operator : UM/MA
Sample : MDL-01-S
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Aug 19 00:54:02 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-01-S-ML

Manual Integrations APPROVED
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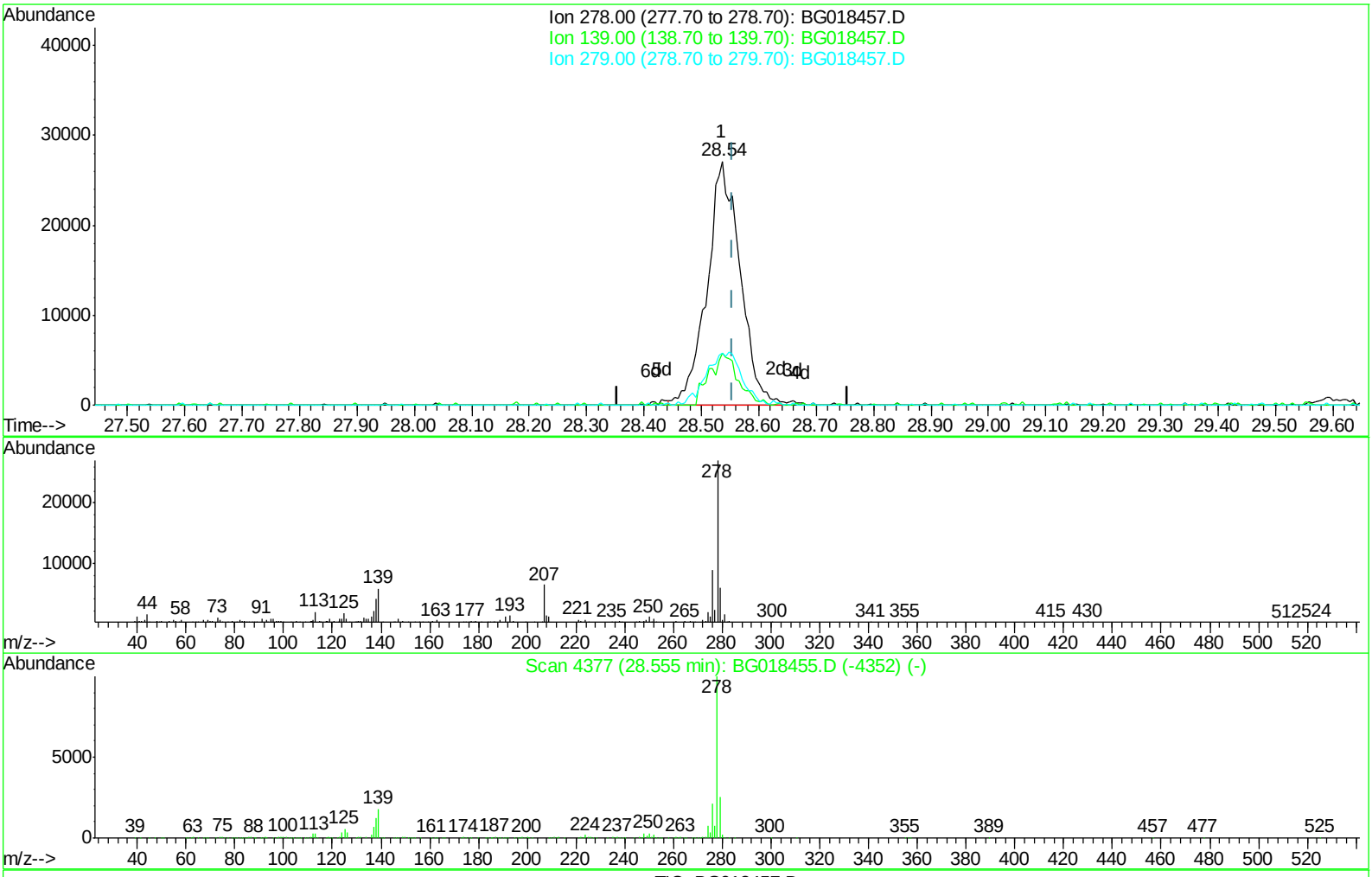

TIC: BG018457.D

(93) Dibenzo(a,h)anthracene

28.536min (-0.019) 2.42ng/ul m

response 109316

Ion	Exp%	Act%
278.00	100	100
139.00	17.20	21.16#
279.00	22.30	21.51
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081815\
Data File : BG018457.D
Acq On : 18 Aug 2015 10:25
Operator : UM/MA
Sample : MDL-01-S
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MDL-01-S-ML

Manual Integrations APPROVED
MMDadoda
8/19/2015 2:12:31 PM

Quant Time: Aug 19 01:11:53 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	8.01	152	103497	20.00	ng/ul	0.00
18) Naphthalene-d8	10.82	136	464957	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.64	164	306078	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.38	188	775473	20.00	ng/ul	0.00
78) Chrysene-d12	21.64	240	786991	20.00	ng/ul	0.00
86) Perylene-d12	24.84	264	785602	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.44	96	13967	5.96	ng/uL	0.00
5) Phenol-d5	7.17	99	260197	27.70	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.34	67	168804	29.00	ng/ul	0.00
9) 2-Chlorophenol-d4	7.55	132	197936	27.51	ng/ul	0.00
13) 4-Methylphenol-d8	8.71	113	216933	27.49	ng/ul	0.00
19) Nitrobenzene-d5	9.17	128	109818	30.30	ng/ul	0.00
22) 2-Nitrophenol-d4	9.89	143	112785	30.55	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.43	165	211162	26.95	ng/ul	0.00
29) 4-Chloroaniline-d4	10.95	131	304109	34.35	ng/ul	0.00
44) Dimethylphthalate-d6	14.04	166	744763	28.92	ng/ul	0.00
47) Acenaphthylene-d8	14.34	160	914721	28.21	ng/ul	0.00
52) 4-Nitrophenol-d4	14.83	143	141272	30.50	ng/ul	0.00
58) Fluorene-d10	15.63	176	650998	29.02	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.74	200	106670	27.97	ng/ul	0.00
71) Anthracene-d10	17.48	188	1075767	29.01	ng/ul	0.00
79) Pyrene-d10	19.76	212	1199527	29.38	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.62	264	1244883	29.85	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.48	88	1741	0.69	ng/uL#	84
4) Benzaldehyde	7.15	77	15508	2.81	ng/ul	91
6) Phenol	7.20	94	22175	2.31	ng/ul#	92
8) Bis(2-Chloroethyl)ether	7.43	93	18424	2.50	ng/ul	94
10) 2-Chlorophenol	7.58	128	17646	2.41	ng/ul#	88
11) 2-Methylphenol	8.45	108	17578	2.37	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.55	45	24366	2.06	ng/ul#	85
14) Acetophenone	8.84	105	30915	2.71	ng/ul#	88
15) N-Nitroso-di-n-propylamine	8.81	70	16160	2.47	ng/ul	91
16) 4-Methylphenol	8.78	108	18729	2.31	ng/ul	99
17) Hexachloroethane	9.10	117	6447	2.04	ng/ul#	82
20) Nitrobenzene	9.22	77	21253	2.32	ng/ul#	89
21) Isophorone	9.73	82	45884	2.61	ng/ul	97
23) 2-Nitrophenol	9.93	139	11167	2.72	ng/ul#	87
24) 2,4-Dimethylphenol	9.99	107	19558	2.13	ng/ul	91
25) Bis(2-Chloroethoxy)methane	10.22	93	25410	2.32	ng/ul	98
27) 2,4-Dichlorophenol	10.46	162	17544	2.39	ng/ul	90
28) Naphthalene	10.87	128	57927	2.36	ng/ul	97
30) 4-Chloroaniline	10.97	127	27633	3.07	ng/ul	99
31) Hexachlorobutadiene	11.16	225	10127	2.18	ng/ul	98
32) Caprolactam	11.74	113	7179m	2.43	ng/ul	
33) 4-Chloro-3-methylphenol	12.09	107	18647	2.19	ng/ul	96
34) 2-Methylnaphthalene	12.47	142	43477	2.44	ng/ul	99

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Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MDL-01-S-ML

Manual Integrations APPROVED
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8/19/2015 2:12:31 PM

Quant Time: Aug 19 01:11:53 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	21422	2.18 ng/ul	95
38) Hexachlorocyclopentadiene	12.83	237	11201	1.92 ng/ul	96
39) 2,4,6-Trichlorophenol	13.07	196	14652	2.19 ng/ul	85
40) 2,4,5-Trichlorophenol	13.14	196	15677	2.18 ng/ul	92
41) 1,1'-Biphenyl	13.48	154	61015	2.39 ng/ul	92
42) 2-Chloronaphthalene	13.52	162	44599	2.25 ng/ul#	91
43) 2-Nitroaniline	13.71	65	15149	2.36 ng/ul	94
45) Dimethylphthalate	14.09	163	62423	2.46 ng/ul	99
46) 2,6-Dinitrotoluene	14.21	165	11823	2.34 ng/ul	94
48) Acenaphthylene	14.36	152	81261	2.50 ng/ul	98
49) 3-Nitroaniline	14.53	138	14104	2.73 ng/ul#	95
50) Acenaphthene	14.71	153	54882	2.41 ng/ul	93
51) 2,4-Dinitrophenol	14.75	184	4320	1.75 ng/ul#	87
53) 4-Nitrophenol	14.84	109	9869	2.45 ng/ul#	73
54) Dibenzofuran	15.03	168	78065	2.62 ng/ul	94
55) 2,4-Dinitrotoluene	14.99	165	18580	2.57 ng/ul	92
56) 2,3,4,6-Tetrachlorophenol	15.26	232	12982	2.07 ng/ul#	93
57) Diethylphthalate	15.45	149	69936	2.59 ng/ul#	93
59) Fluorene	15.69	166	64351	2.51 ng/ul	98
60) 4-Chlorophenyl-phenylether	15.68	204	31145	2.57 ng/ul	93
61) 4-Nitroaniline	15.69	138	15398	2.70 ng/ul#	88
64) 4,6-Dinitro-2-methylphenol	15.75	198	9837	2.42 ng/ul#	25
65) N-Nitrosodiphenylamine	15.89	169	56802	2.43 ng/ul	91
66) 4-Bromophenyl-phenylether	16.57	248	20373	2.43 ng/ul	90
67) Hexachlorobenzene	16.69	284	19338	2.18 ng/ul	92
68) Atrazine	16.83	200	22065	2.53 ng/ul	92
69) Pentachlorophenol	17.03	266	9188	1.55 ng/ul	95
70) Phenanthrene	17.43	178	112327	2.67 ng/ul	98
72) Anthracene	17.51	178	114091	2.66 ng/ul	96
73) 1,2,3,4-Tetrachlorobenzene	13.44	216	20881	1.95 ng/uL	93
74) Pentachlorobenzene	14.96	250	21266	2.08 ng/uL	87
75) Carbazole	17.78	167	107741	2.87 ng/ul	97
76) Di-n-butylphthalate	18.34	149	135908	2.77 ng/ul	99
77) Fluoranthene	19.43	202	136739	3.04 ng/ul	99
80) Pyrene	19.79	202	146025	2.74 ng/ul	98
81) Butylbenzylphthalate	20.68	149	53949	2.40 ng/ul	93
82) 3,3'-Dichlorobenzidine	21.54	252	43906	2.69 ng/ul	93
83) Benzo(a)anthracene	21.62	228	130621	2.68 ng/ul	97
84) Bis(2-ethylhexyl)phthalate	21.54	149	82069	2.58 ng/ul#	100
85) Chrysene	21.69	228	117657	2.58 ng/ul	95
87) Di-n-octyl phthalate	22.74	149	138305	2.73 ng/ul	100
88) Benzo(b)fluoranthene	23.82	252	120607	2.44 ng/ul	96
89) Benzo(k)fluoranthene	23.89	252	120990	2.55 ng/ul	99
91) Benzo(a)pyrene	24.68	252	110751	2.36 ng/ul	99
92) Indeno(1,2,3-cd)pyrene	28.48	276	136585m	2.52 ng/ul	
93) Dibenzo(a,h)anthracene	28.54	278	109316m	2.42 ng/ul	
94) Benzo(g,h,i)perylene	29.61	276	108940	2.39 ng/ul#	91

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

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