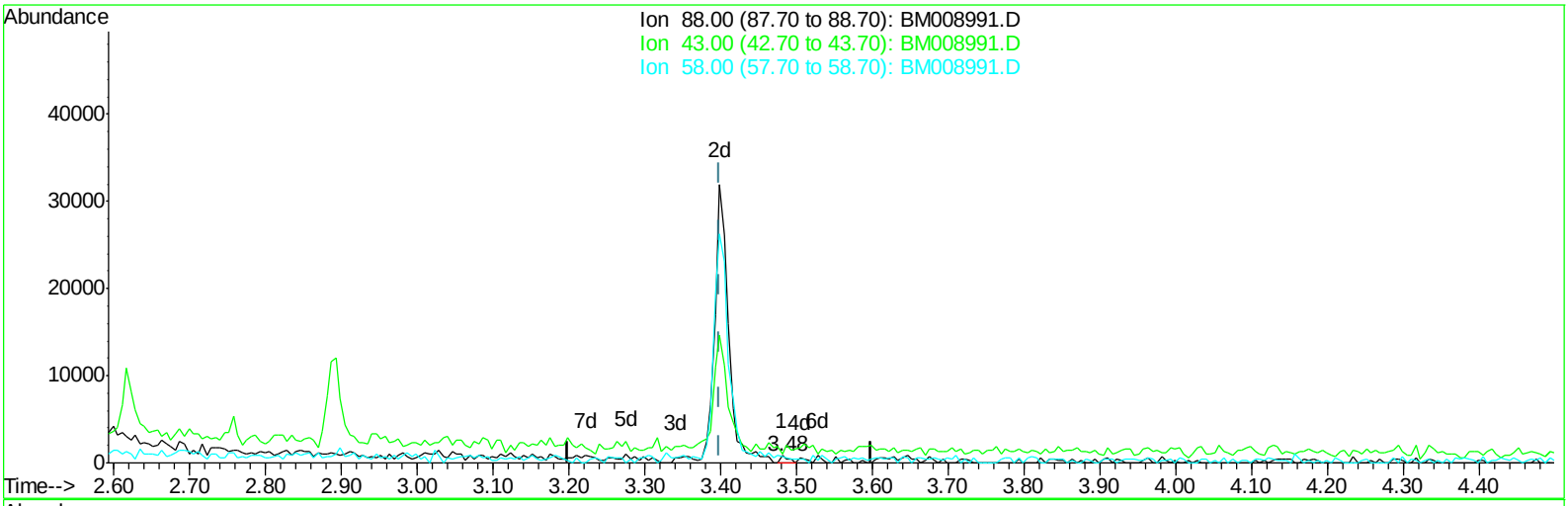
Quantitation Report (Qedit)

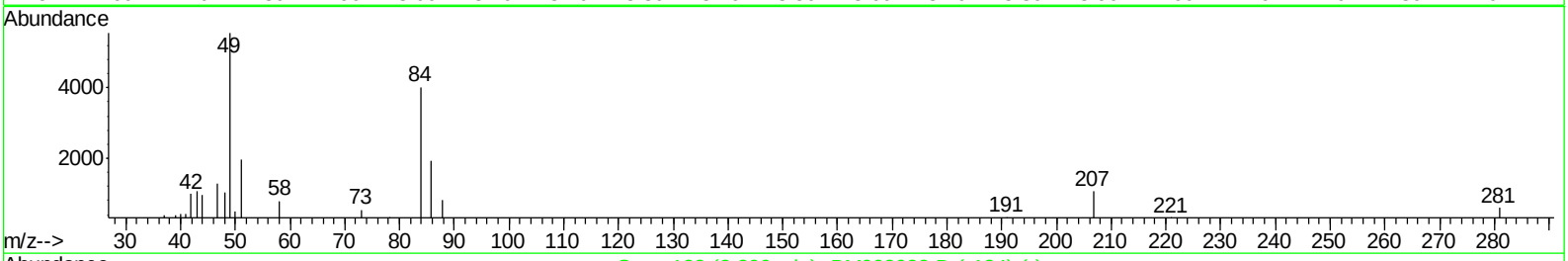
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM021317\
Data File : BM008991.D
Acq On : 13 Feb 2017 20:00
Operator : SJ/MA
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

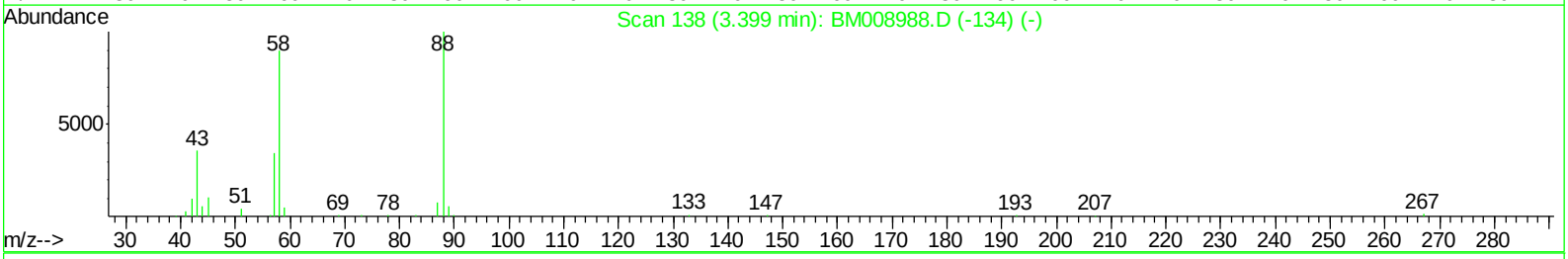
Quant Time: Feb 14 00:10:52 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM020817.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Feb 14 00:06:01 2017
Response via : Initial Calibration

Instrument :
BNA_M
LabSampleId :
SSTD02043

Manual Integrations APPROVED
mohammad
2/14/2017 11:33:24 AM







TIC: BM008991.D

(2) 1,4-Dioxane

3.481min (+0.083) 0.12ng/uL

response 594

Ion	Exp%	Act%
88.00	100	100
43.00	73.70	81.65
58.00	109.30	106.73
0.00	0.00	0.00

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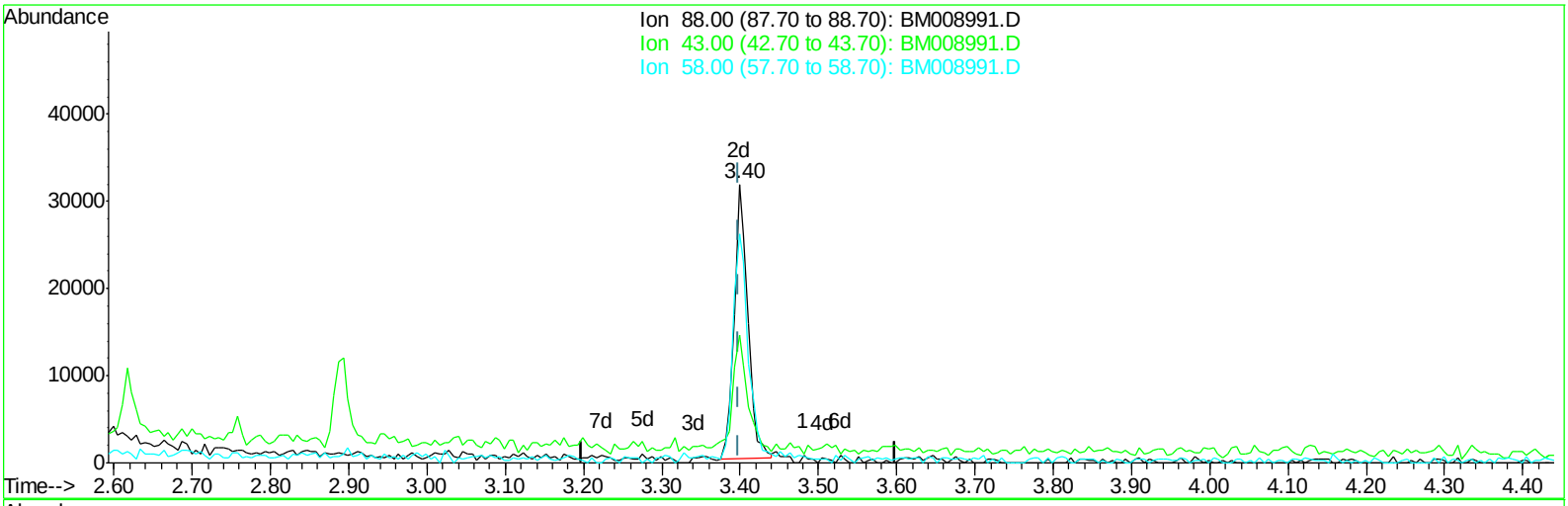

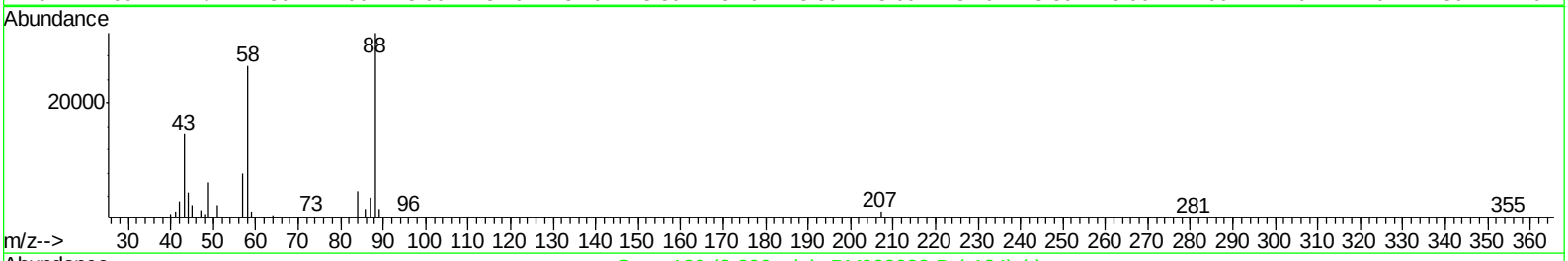

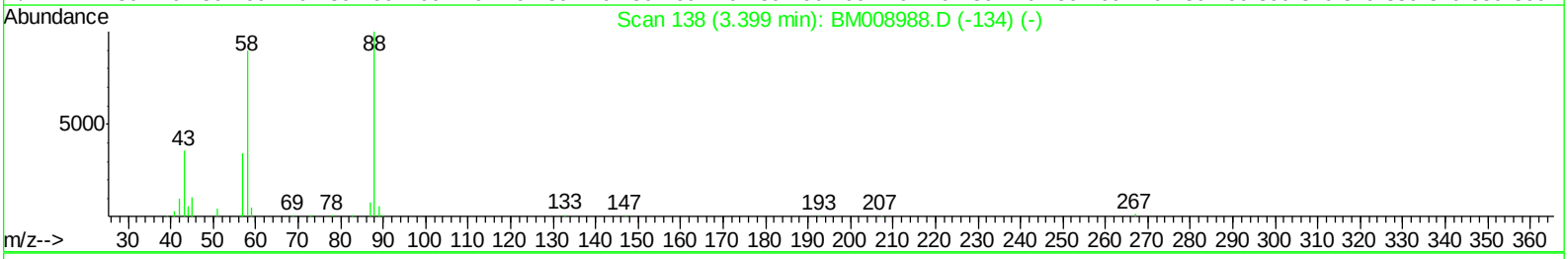

TIC: BM008991.D

(2) 1,4-Dioxane

3.399min (+0.000) 7.97ng/uL m

response 38115

Ion	Exp%	Act%
88.00	100	100
43.00	73.70	1.27#
58.00	109.30	1.66#
0.00	0.00	0.00

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Quant Time: Feb 14 00:19:21 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	7.90	152	166212	20.00	ng/ul	0.00
18) Naphthalene-d8	10.71	136	693014	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.55	164	525739	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.29	188	1186540	20.00	ng/ul	0.00
75) Chrysene-d12	21.46	240	1555568	20.00	ng/ul	0.00
83) Perylene-d12	23.81	264	1516340	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.36	96	32278	7.47	ng/uL	0.00
5) Phenol-d5	7.06	99	299463	20.28	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.23	67	235833	21.94	ng/ul	0.00
9) 2-Chlorophenol-d4	7.43	132	206701	20.84	ng/ul	0.00
13) 4-Methylphenol-d8	8.60	113	224371	20.35	ng/ul	0.00
19) Nitrobenzene-d5	9.07	128	95611	20.12	ng/ul	0.00
22) 2-Nitrophenol-d4	9.79	143	105193	20.21	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.32	165	229214	20.65	ng/ul	0.00
29) 4-Chloroaniline-d4	10.85	131	248517	22.05	ng/ul	0.00
43) Dimethylphthalate-d6	13.95	166	741117	20.62	ng/ul	0.00
46) Acenaphthylene-d8	14.24	160	913756	21.04	ng/ul	0.00
51) 4-Nitrophenol-d4	14.73	143	120734	19.07	ng/ul	0.00
57) Fluorene-d10	15.53	176	699011	20.92	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.65	200	132433	18.78	ng/ul	0.00
70) Anthracene-d10	17.39	188	1142632	20.47	ng/ul	0.00
76) Pyrene-d10	19.68	212	1350213	20.25	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.66	264	1426077	20.87	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.40	88	38115m	7.97	ng/uL	
4) Benzaldehyde	7.05	77	262499	23.04	ng/ul	89
6) Phenol	7.09	94	321305	20.25	ng/ul#	75
8) Bis(2-Chloroethyl)ether	7.33	93	253056	20.34	ng/ul	86
10) 2-Chlorophenol	7.46	128	215436	20.72	ng/ul	86
11) 2-Methylphenol	8.34	108	229331	20.90	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.43	45	451276	22.65	ng/ul#	95
14) Acetophenone	8.73	105	402000	20.97	ng/ul#	74
15) N-Nitroso-di-n-propylamine	8.71	70	243431	22.08	ng/ul#	82
16) 4-Methylphenol	8.66	108	248378	20.73	ng/ul	98
17) Hexachloroethane	8.98	117	105825	20.96	ng/ul	87
20) Nitrobenzene	9.12	77	356284	21.53	ng/ul#	92
21) Isophorone	9.63	82	604870	21.10	ng/ul	97
23) 2-Nitrophenol	9.82	139	117194	20.51	ng/ul#	60
24) 2,4-Dimethylphenol	9.87	107	305609	21.17	ng/ul	87
25) Bis(2-Chloroethoxy)methane	10.12	93	347361	20.99	ng/ul	97
27) 2,4-Dichlorophenol	10.35	162	228436	20.58	ng/ul	89
28) Naphthalene	10.76	128	708486	20.51	ng/ul	97
30) 4-Chloroaniline	10.87	127	271937	22.99	ng/ul	97
31) Hexachlorobutadiene	11.03	225	199647	21.91	ng/ul	95
32) Caprolactam	11.65	113	62608	18.55	ng/ul	91
33) 4-Chloro-3-methylphenol	11.98	107	270582	21.51	ng/ul#	91
34) 2-Methylnaphthalene	12.36	142	543377	21.13	ng/ul	99

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Quant Title : SVOA CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.73	216	347678	20.25	ng/ul#	93
37) Hexachlorocyclopentadiene	12.70	237	221646	20.21	ng/ul	98
38) 2,4,6-Trichlorophenol	12.97	196	203403	20.78	ng/ul	98
39) 2,4,5-Trichlorophenol	13.04	196	215961	20.24	ng/ul	91
40) 1,1'-Biphenyl	13.37	154	756588	20.73	ng/ul	93
41) 2-Chloronaphthalene	13.42	162	578973	20.15	ng/ul	96
42) 2-Nitroaniline	13.63	65	215977	22.16	ng/ul#	78
44) Dimethylphthalate	14.00	163	745610	20.73	ng/ul	98
45) 2,6-Dinitrotoluene	14.12	165	139186	21.28	ng/ul#	75
47) Acenaphthylene	14.27	152	898269	20.85	ng/ul	99
48) 3-Nitroaniline	14.45	138	132478	20.30	ng/ul#	84
49) Acenaphthene	14.61	153	639097	20.76	ng/ul	97
50) 2,4-Dinitrophenol	14.66	184	82262	17.75	ng/ul#	72
52) 4-Nitrophenol	14.75	109	159107	20.85	ng/ul#	81
53) Dibenzofuran	14.95	168	939689	20.57	ng/ul	91
54) 2,4-Dinitrotoluene	14.91	165	216291	21.71	ng/ul#	68
55) 2,3,4,6-Tetrachlorophenol	15.16	232	213464	21.56	ng/ul	91
56) Diethylphthalate	15.36	149	788734	21.36	ng/ul	98
58) Fluorene	15.59	166	797091	21.30	ng/ul	96
59) 4-Chlorophenyl-phenylether	15.59	204	429133	21.30	ng/ul	95
60) 4-Nitroaniline	15.62	138	154634	20.50	ng/ul#	43
63) 4,6-Dinitro-2-methylphenol	15.67	198	144922	19.07	ng/ul#	84
64) N-Nitrosodiphenylamine	15.80	169	692780	20.55	ng/ul	98
65) 4-Bromophenyl-phenylether	16.48	248	277148	20.89	ng/ul	90
66) Hexachlorobenzene	16.59	284	298358	19.95	ng/ul	95
67) Atrazine	16.74	200	272951	20.41	ng/ul	97
68) Pentachlorophenol	16.93	266	170019	19.01	ng/ul#	85
69) Phenanthrene	17.33	178	1325099	20.58	ng/ul	98
71) Anthracene	17.42	178	1359142	20.65	ng/ul	97
72) Carbazole	17.70	167	1184975	20.23	ng/ul	98
73) Di-n-butylphthalate	18.24	149	1378872	21.01	ng/ul#	97
74) Fluoranthene	19.34	202	1637125	20.86	ng/ul#	94
77) Pyrene	19.70	202	1772464	20.74	ng/ul#	93
78) Butylbenzylphthalate	20.59	149	626194	20.74	ng/ul	85
79) 3,3'-Dichlorobenzidine	21.38	252	620260	21.04	ng/ul	99
80) Benzo(a)anthracene	21.44	228	1838288	20.87	ng/ul	100
81) Bis(2-ethylhexyl)phthalate	21.36	149	939871	21.19	ng/ul	95
82) Chrysene	21.50	228	1728626	20.44	ng/ul	99
84) Di-n-octyl phthalate	22.26	149	1677286	20.07	ng/ul#	90
85) Benzo(b)fluoranthene	23.10	252	1877078	20.70	ng/ul#	97
86) Benzo(k)fluoranthene	23.14	252	1743135	20.22	ng/ul#	98
88) Benzo(a)pyrene	23.71	252	1776626	20.63	ng/ul#	98
89) Indeno(1,2,3-cd)pyrene	26.21	276	1979710	20.87	ng/ul#	92
90) Dibenzo(a,h)anthracene	26.22	278	1673848	20.49	ng/ul#	94
91) Benzo(g,h,i)perylene	26.95	276	1633950	20.50	ng/ul#	92

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

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