Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031420\
Data File : BN010216.D
Acq On : 14 Mar 2020 11:14
Operator : CG/JU
Sample : SSTD01056
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Mar 16 05:02:19 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN031420MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Mar 16 04:58:29 2020
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
SSTD01056

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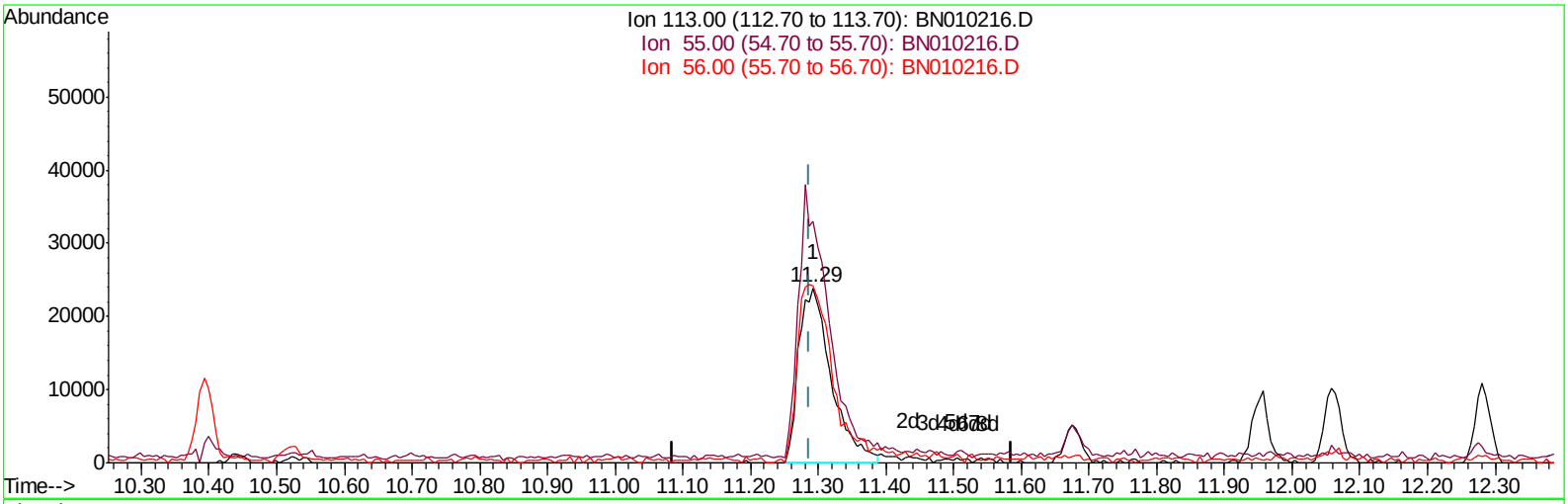

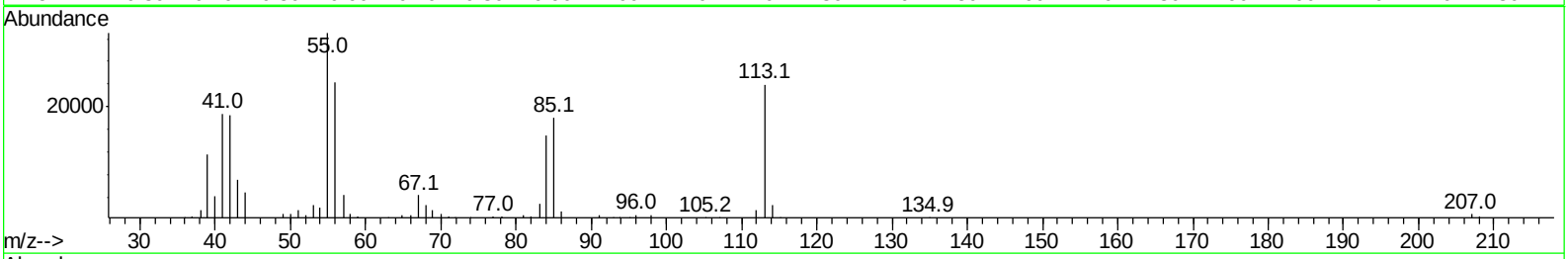

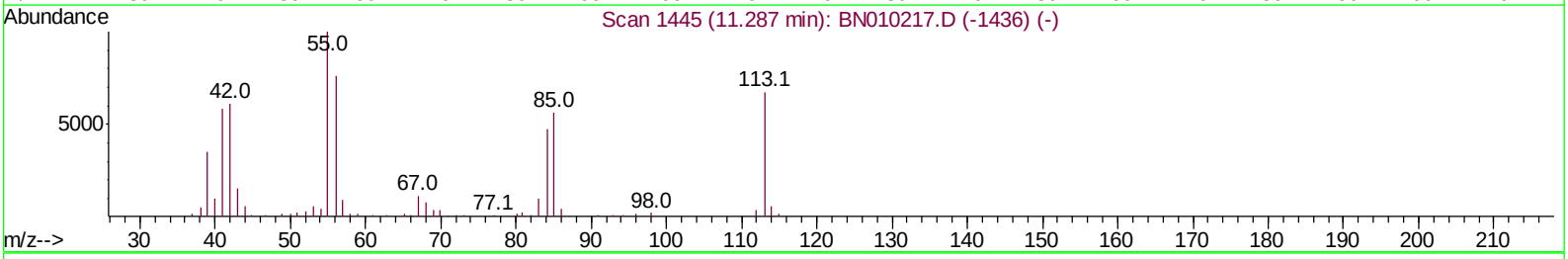

TIC: BN010216.D

(32) Caprolactam

11.293min (+0.006) 8.60ng/ul

response 79846

Ion	Exp%	Act%
113.00	100	100
55.00	152.40	137.90
56.00	114.40	101.20
0.00	0.00	0.00

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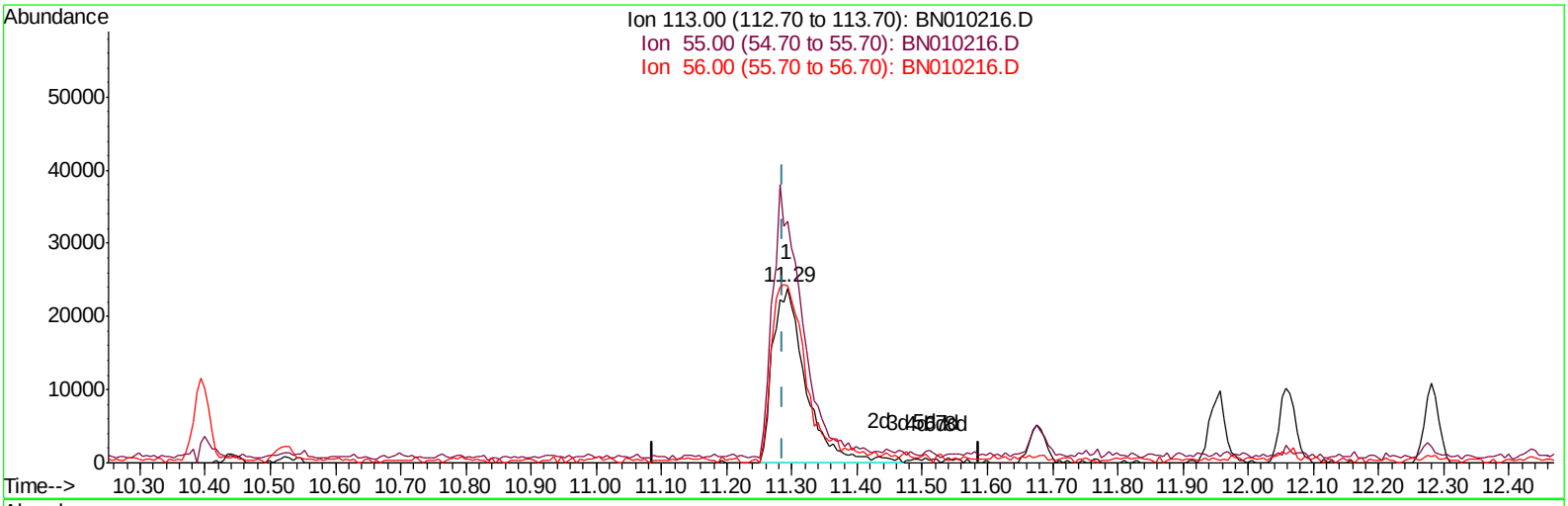

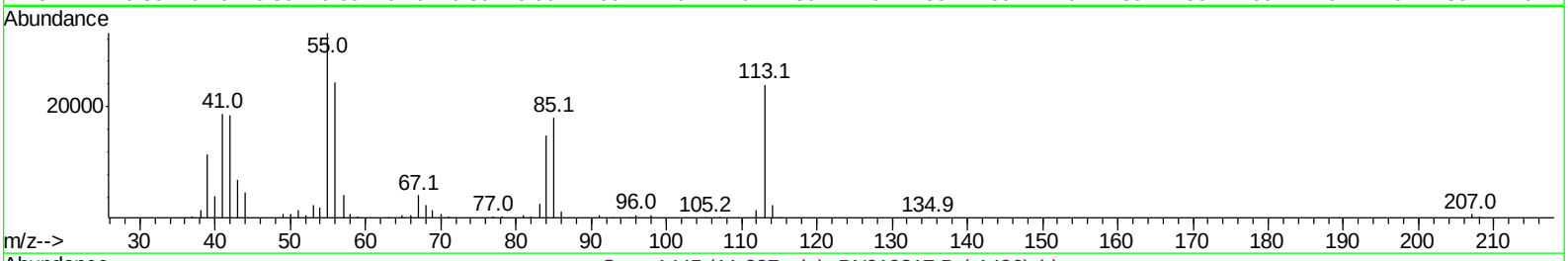

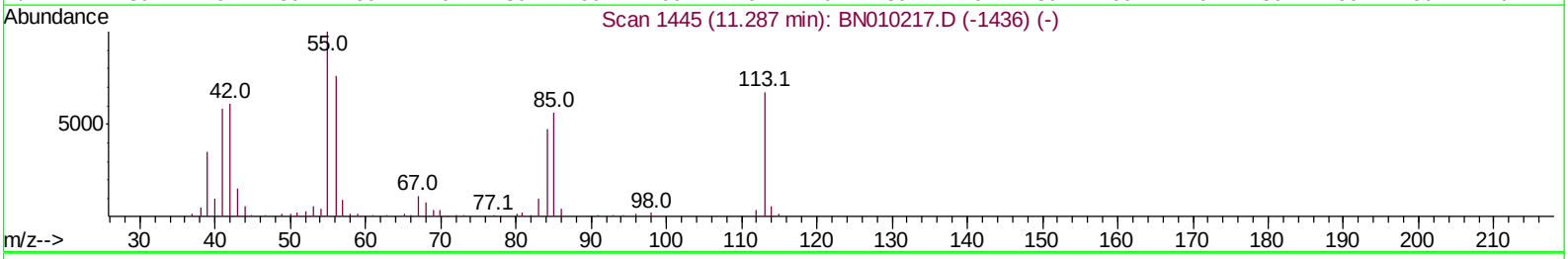

TIC: BN010216.D

(32) Caprolactam

11.293min (+0.006) 8.97ng/ul m

response 83320

Ion	Exp%	Act%
113.00	100	100
55.00	152.40	137.90
56.00	114.40	101.20
0.00	0.00	0.00

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Quant Time: Mar 16 05:19:28 2020
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Quant Title : SVOA CALIBRATION
QLast Update : Mon Mar 16 04:58:29 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	444368	20.00	ng/ul	0.00
18) Naphthalene-d8	10.39	136	1783323	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.26	164	1193602	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.00	188	2702968	20.00	ng/ul	0.00
78) Chrysene-d12	21.20	240	2646176	20.00	ng/ul	0.00
86) Perylene-d12	23.37	264	2940175	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.23	96	39228	3.63	ng/uL	0.00
5) Phenol-d5	6.81	99	318875	8.44	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.98	67	191921	7.36	ng/ul	0.00
9) 2-Chlorophenol-d4	7.17	132	257535	9.05	ng/ul	0.00
13) 4-Methylphenol-d8	8.33	113	253333	8.43	ng/ul	0.00
19) Nitrobenzene-d5	8.77	128	106782	8.18	ng/ul	0.00
22) 2-Nitrophenol-d4	9.49	143	81073	5.68	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.02	165	254197	9.26	ng/ul	0.00
29) 4-Chloroaniline-d4	10.52	131	325258	10.55	ng/ul	0.00
44) Dimethylphthalate-d6	13.67	166	894418	10.03	ng/ul	0.00
47) Acenaphthylene-d8	13.95	160	1066823	10.16	ng/ul	0.00
52) 4-Nitrophenol-d4	14.45	143	111052	6.82	ng/ul	0.00
58) Fluorene-d10	15.25	176	779899	10.13	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.36	200	66083	3.94	ng/ul	0.00
71) Anthracene-d10	17.10	188	1228755	9.92	ng/ul	0.00
79) Pyrene-d10	19.39	212	1389604	10.05	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.24	264	1375891	9.37	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.26	88	42368	3.414	ng/uL	96
4) Benzaldehyde	6.78	77	235696	9.377	ng/ul	95
6) Phenol	6.83	94	342015	8.444	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.07	93	275121	8.642	ng/ul	96
10) 2-Chlorophenol	7.20	128	270712	9.032	ng/ul	96
11) 2-Methylphenol	8.07	108	257645	8.693	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.17	45	334225	4.283	ng/ul	97
14) Acetophenone	8.44	105	433407	8.846	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.43	70	217753	8.506	ng/ul	99
16) 4-Methylphenol	8.39	108	271802	8.357	ng/ul	96
17) Hexachloroethane	8.70	117	121724	8.926	ng/ul	99
20) Nitrobenzene	8.81	77	297259	7.732	ng/ul	98
21) Isophorone	9.33	82	631410	9.332	ng/ul	99
23) 2-Nitrophenol	9.51	139	96374	6.035	ng/ul	97
24) 2,4-Dimethylphenol	9.59	107	314600	9.073	ng/ul	95
25) Bis(2-Chloroethoxy)methane	9.82	93	370410	8.958	ng/ul	97
27) 2,4-Dichlorophenol	10.05	162	258606	9.342	ng/ul	99
28) Naphthalene	10.45	128	938546	9.760	ng/ul	100
30) 4-Chloroaniline	10.55	127	325827	10.321	ng/ul	98
31) Hexachlorobutadiene	10.75	225	199085	10.754	ng/ul	94
32) Caprolactam	11.29	113	83320m	8.975	ng/ul	
33) 4-Chloro-3-methylphenol	11.68	107	275675	8.709	ng/ul	97
34) 2-Methylnaphthalene	12.06	142	672045	10.064	ng/ul	97

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Instrument :
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Quant Time: Mar 16 05:19:28 2020
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Quant Title : SVOA CALIBRATION
QLast Update : Mon Mar 16 04:58:29 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.28	142	670172	10.013	ng/uL	98
37) 1,2,4,5-Tetrachlorobenzene	12.43	216	375148	10.604	ng/ul	100
38) Hexachlorocyclopentadiene	12.43	237	229708	15.006	ng/ul	100
39) 2,4,6-Trichlorophenol	12.68	196	188410	8.391	ng/ul	98
40) 2,4,5-Trichlorophenol	12.75	196	210503	8.739	ng/ul	90
41) 1,1'-Biphenyl	13.09	154	877557	9.572	ng/ul	99
42) 2-Chloronaphthalene	13.12	162	713633	9.802	ng/ul	97
43) 2-Nitroaniline	13.32	65	130793	4.912	ng/ul	95
45) Dimethylphthalate	13.72	163	929778	9.994	ng/ul	99
46) 2,6-Dinitrotoluene	13.83	165	140937	7.739	ng/ul	92
48) Acenaphthylene	13.97	152	1132553	9.965	ng/ul	100
49) 3-Nitroaniline	14.15	138	124449	7.402	ng/ul	98
50) Acenaphthene	14.32	153	770412	9.888	ng/ul	98
51) 2,4-Dinitrophenol	14.36	184	36223	3.465	ng/ul	94
53) 4-Nitrophenol	14.46	109	98614	6.712	ng/ul	98
54) Dibenzofuran	14.66	168	1086241	9.933	ng/ul	100
55) 2,4-Dinitrotoluene	14.61	165	193624	7.174	ng/ul#	95
56) 2,3,4,6-Tetrachlorophenol	14.89	232	165519	7.992	ng/ul	96
57) Diethylphthalate	15.10	149	914103	9.569	ng/ul	99
59) Fluorene	15.30	166	921200	10.038	ng/ul	98
60) 4-Chlorophenyl-phenylether	15.31	204	469640	10.376	ng/ul	97
61) 4-Nitroaniline	15.31	138	159111	7.760	ng/ul	91
64) 4,6-Dinitro-2-methylphenol	15.37	198	77832	4.303	ng/ul	92
65) N-Nitrosodiphenylamine	15.52	169	769441	9.594	ng/ul	99
66) 4-Bromophenyl-phenylether	16.20	248	279979	10.352	ng/ul	97
67) Hexachlorobenzene	16.31	284	308925	10.322	ng/ul	95
68) Atrazine	16.48	200	302274	9.936	ng/ul	98
69) Pentachlorophenol	16.65	266	123368	7.133	ng/ul	97
70) Phenanthrene	17.04	178	1465458	9.500	ng/ul	100
72) Anthracene	17.13	178	1512317	9.590	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.05	216	393396	9.962	ng/uL	96
74) Pentachlorobenzene	14.58	250	384345	10.092	ng/uL	96
75) Carbazole	17.40	167	1305795	9.403	ng/ul	99
76) Di-n-butylphthalate	18.00	149	1525629	8.901	ng/ul	99
77) Fluoranthene	19.06	202	1786948	9.889	ng/ul	99
80) Pyrene	19.42	202	1923288	10.081	ng/ul	99
81) Butylbenzylphthalate	20.36	149	556469	7.095	ng/ul	96
82) 3,3'-Dichlorobenzidine	21.12	252	556086	9.638	ng/ul	99
83) Benzo(a)anthracene	21.18	228	1806538	9.934	ng/ul	97
84) Bis(2-ethylhexyl)phthalate	21.16	149	952884	7.958	ng/ul	97
85) Chrysene	21.23	228	1758316	9.822	ng/ul	99
87) Di-n-octyl phthalate	22.03	149	1545463	6.945	ng/ul	100
88) Benzo(b)fluoranthene	22.73	252	1835915	9.631	ng/ul	97
89) Benzo(k)fluoranthene	22.77	252	1789191	9.912	ng/ul	99
91) Benzo(a)pyrene	23.28	252	1669048	9.735	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.53	276	2064596	10.142	ng/ul	99
93) Dibenzo(a,h)anthracene	25.55	278	1716370	9.856	ng/ul	98
94) Benzo(g,h,i)perylene	26.18	276	1676809	9.824	ng/ul	98

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Misc :
ALS Vial : 3 Sample Multiplier: 1

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

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