Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM081120\
Data File : BM027029.D
Acq On : 11 Aug 2020 09:13
Operator : JU/CG
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 11 15:02:33 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM080720MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 11 15:01:27 2020
Response via : Initial Calibration

Instrument :
BNA_M
LabSampleId :
SSTD02012

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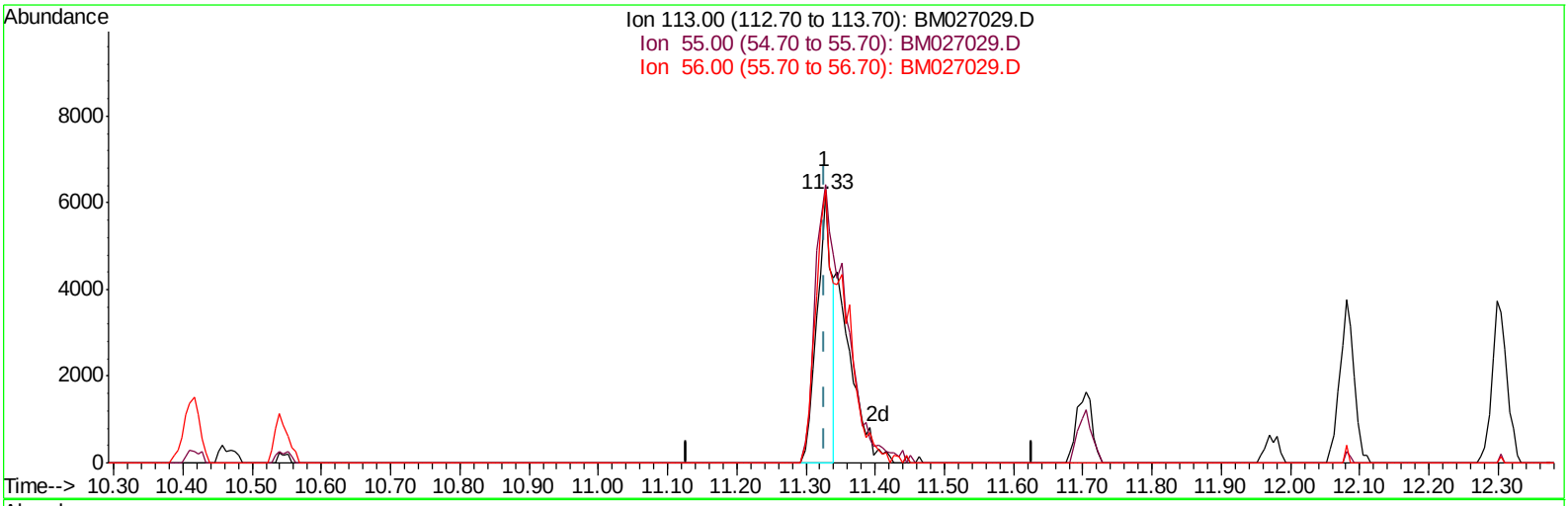

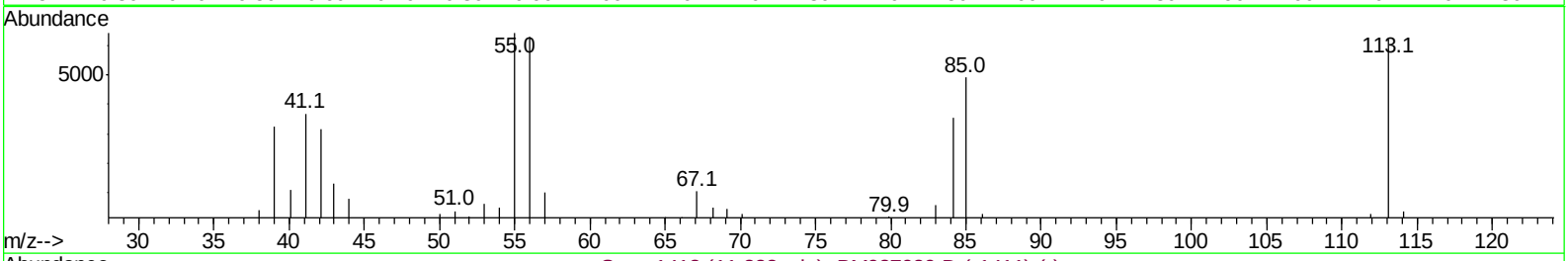

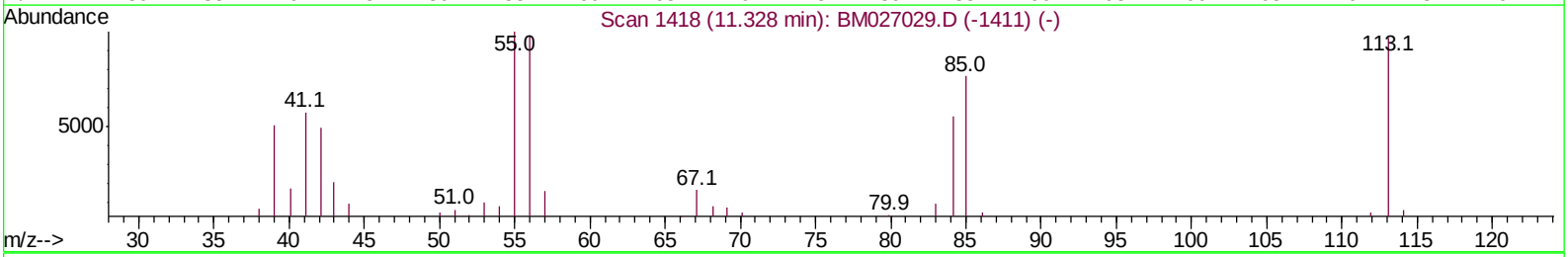

TIC: BM027029.D

(32) Caprolactam

11.328min (0.000) 9.55ng/ul

response 9227

Ion	Exp%	Act%
113.00	100	100
55.00	126.60	103.51
56.00	113.60	101.53
0.00	0.00	0.00

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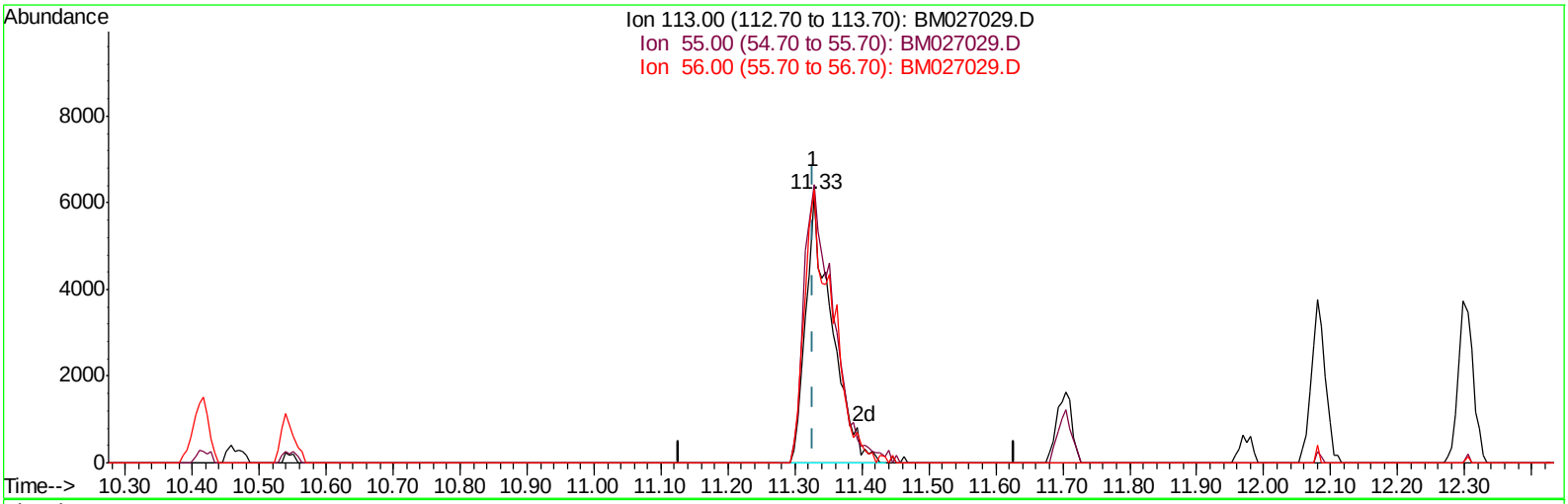

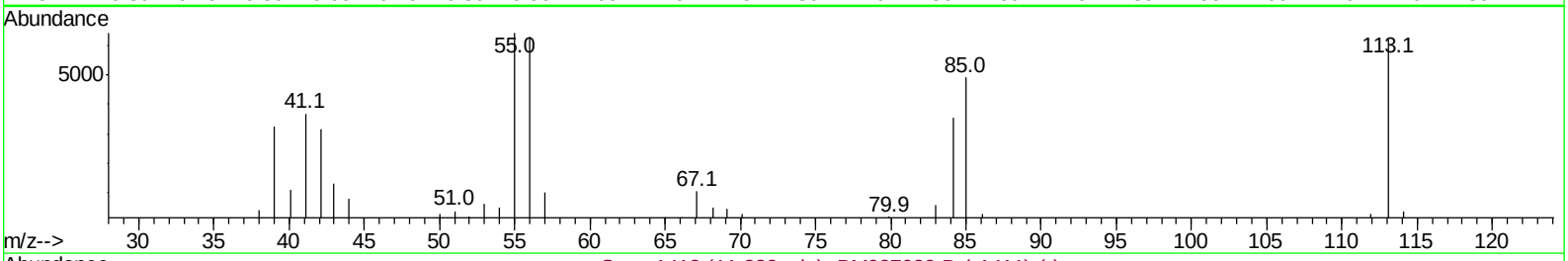

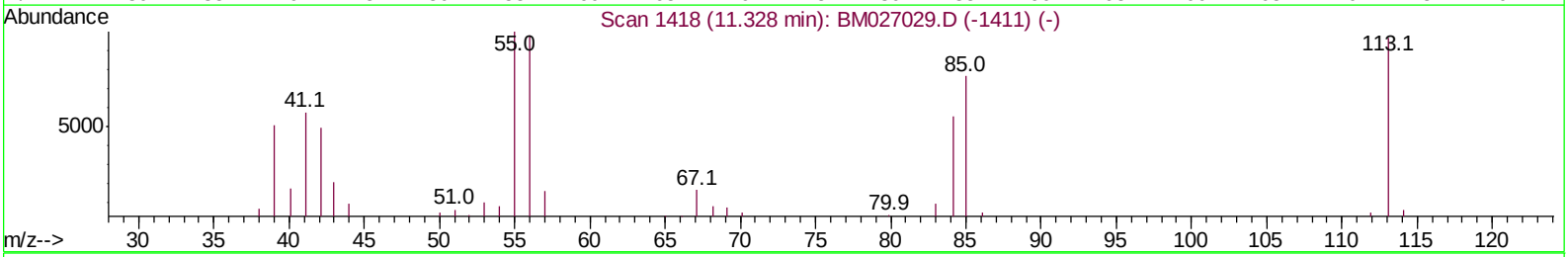

TIC: BM027029.D

(32) Caprolactam

11.328min (0.000) 17.08ng/ul m

response 16497

Ion	Exp%	Act%
113.00	100	100
55.00	126.60	103.51
56.00	113.60	101.53
0.00	0.00	0.00

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Quant Time: Aug 11 15:03:43 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM080720MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 11 15:01:27 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	53792	20.00	ng/ul	0.00
18) Naphthalene-d8	10.41	136	200208	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.27	164	153561	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.02	188	383877	20.00	ng/ul	0.00
78) Chrysene-d12	21.22	240	428020	20.00	ng/ul	0.00
86) Perylene-d12	23.41	264	448254	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.20	96	10243	8.65	ng/uL	0.00
5) Phenol-d5	6.82	99	75034	17.94	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.98	67	51371	17.93	ng/ul	0.00
9) 2-Chlorophenol-d4	7.18	132	62486	18.94	ng/ul	0.00
13) 4-Methylphenol-d8	8.35	113	61658	18.91	ng/ul	0.00
19) Nitrobenzene-d5	8.78	128	29733	18.74	ng/ul	0.00
22) 2-Nitrophenol-d4	9.50	143	31156	18.95	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.04	165	74791	21.64	ng/ul	0.00
29) 4-Chloroaniline-d4	10.55	131	81954	20.40	ng/ul	0.00
44) Dimethylphthalate-d6	13.69	166	227605	18.59	ng/ul	0.00
47) Acenaphthylene-d8	13.96	160	279993	19.19	ng/ul	0.00
52) 4-Nitrophenol-d4	14.47	143	41756	20.20	ng/ul	0.00
58) Fluorene-d10	15.27	176	241778	22.65	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.39	200	36380	17.35	ng/ul	0.00
71) Anthracene-d10	17.12	188	381635	20.18	ng/ul	0.00
79) Pyrene-d10	19.42	212	424440	19.88	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.27	264	490694	19.61	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.23	88	10931	7.264	ng/uL	95
4) Benzaldehyde	6.79	77	59084	14.531	ng/ul	96
6) Phenol	6.85	94	83707	18.980	ng/ul	91
8) Bis(2-Chloroethyl)ether	7.07	93	65543	18.006	ng/ul	95
10) 2-Chlorophenol	7.21	128	67757	19.652	ng/ul	98
11) 2-Methylphenol	8.08	108	60634	18.928	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.18	45	42316	15.260	ng/ul#	88
14) Acetophenone	8.45	105	115762	21.123	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.45	70	62927	19.792	ng/ul	96
16) 4-Methylphenol	8.41	108	67414	19.582	ng/ul	91
17) Hexachloroethane	8.72	117	35417	20.536	ng/ul	92
20) Nitrobenzene	8.82	77	100729	19.443	ng/ul	95
21) Isophorone	9.35	82	154163	18.753	ng/ul	98
23) 2-Nitrophenol	9.53	139	35761	19.604	ng/ul#	93
24) 2,4-Dimethylphenol	9.60	107	87875	21.119	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.83	93	89339	19.182	ng/ul	98
27) 2,4-Dichlorophenol	10.06	162	76188	21.924	ng/ul	97
28) Naphthalene	10.46	128	219039	19.683	ng/ul	98
30) 4-Chloroaniline	10.57	127	88114	21.772	ng/ul	99
31) Hexachlorobutadiene	10.76	225	69221	23.626	ng/ul	95
32) Caprolactam	11.33	113	16497m	17.077	ng/ul	
33) 4-Chloro-3-methylphenol	11.70	107	74145	20.191	ng/ul	96
34) 2-Methylnaphthalene	12.08	142	167223	20.490	ng/ul	96

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Quant Time: Aug 11 15:03:43 2020
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Quant Title : SVOA CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.30	142	156214	19.443 ng/ul	98
37) 1,2,4,5-Tetrachlorobenzene	12.46	216	118319	20.822 ng/ul	98
38) Hexachlorocyclopentadiene	12.45	237	80489	21.482 ng/ul#	96
39) 2,4,6-Trichlorophenol	12.70	196	67391	20.177 ng/ul	96
40) 2,4,5-Trichlorophenol	12.77	196	73465	20.667 ng/ul	96
41) 1,1'-Biphenyl	13.10	154	237026	18.888 ng/ul	98
42) 2-Chloronaphthalene	13.14	162	192721	18.942 ng/ul	100
43) 2-Nitroaniline	13.34	65	56227	19.078 ng/ul	93
45) Dimethylphthalate	13.74	163	243464	18.972 ng/ul	99
46) 2,6-Dinitrotoluene	13.85	165	45865	18.771 ng/ul	95
48) Acenaphthylene	13.99	152	285700	19.259 ng/ul	99
49) 3-Nitroaniline	14.17	138	41895	19.294 ng/ul	96
50) Acenaphthene	14.34	153	230248	21.899 ng/ul	99
51) 2,4-Dinitrophenol	14.38	184	25406	20.007 ng/ul	94
53) 4-Nitrophenol	14.49	109	53733	24.412 ng/ul	90
54) Dibenzofuran	14.67	168	344227	22.878 ng/ul	95
55) 2,4-Dinitrotoluene	14.63	165	77823	21.932 ng/ul	95
56) 2,3,4,6-Tetrachlorophenol	14.90	232	72005	22.476 ng/ul	96
57) Diethylphthalate	15.11	149	284014	22.064 ng/ul	99
59) Fluorene	15.33	166	291927	23.185 ng/ul	99
60) 4-Chlorophenyl-phenylether	15.33	204	155309	22.633 ng/ul	99
61) 4-Nitroaniline	15.33	138	53219	21.458 ng/ul	94
64) 4,6-Dinitro-2-methylphenol	15.40	198	40915	17.633 ng/ul#	94
65) N-Nitrosodiphenylamine	15.54	169	248518	21.609 ng/ul	98
66) 4-Bromophenyl-phenylether	16.22	248	97413	20.288 ng/ul	100
67) Hexachlorobenzene	16.33	284	114830	20.392 ng/ul	98
68) Atrazine	16.49	200	88358	18.948 ng/ul	99
69) Pentachlorophenol	16.67	266	58811	18.847 ng/ul	99
70) Phenanthrene	17.06	178	461342	20.046 ng/ul	100
72) Anthracene	17.15	178	476711	20.358 ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.07	216	116184	19.351 ng/uL	99
74) Pentachlorobenzene	14.60	250	127212	20.313 ng/uL	97
75) Carbazole	17.42	167	408920	20.688 ng/ul	98
76) Di-n-butylphthalate	18.00	149	466437	19.258 ng/ul	99
77) Fluoranthene	19.08	202	546016	19.566 ng/ul	98
80) Pyrene	19.44	202	579599	19.950 ng/ul	98
81) Butylbenzylphthalate	20.36	149	198377	18.577 ng/ul	93
82) 3,3'-Dichlorobenzidine	21.13	252	185667	19.223 ng/ul	98
83) Benzo(a)anthracene	21.20	228	582907	20.230 ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.16	149	301923	18.715 ng/ul	99
85) Chrysene	21.25	228	569821	20.147 ng/ul	100
87) Di-n-octyl phthalate	22.03	149	495193	16.512 ng/ul	100
88) Benzo(b)fluoranthene	22.76	252	631312	20.282 ng/ul	99
89) Benzo(k)fluoranthene	22.80	252	590045	19.127 ng/ul	100
91) Benzo(a)pyrene	23.32	252	549489	19.398 ng/ul	97
92) Indeno(1,2,3-cd)pyrene	25.61	276	720638	19.743 ng/ul	100
93) Dibenzo(a,h)anthracene	25.62	278	610672	19.752 ng/ul	99
94) Benzo(g,h,i)perylene	26.27	276	592216	19.643 ng/ul	99

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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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