

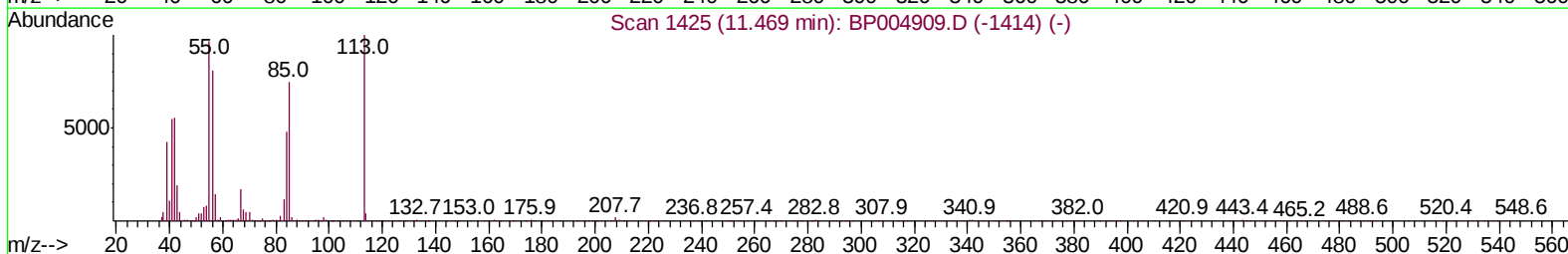
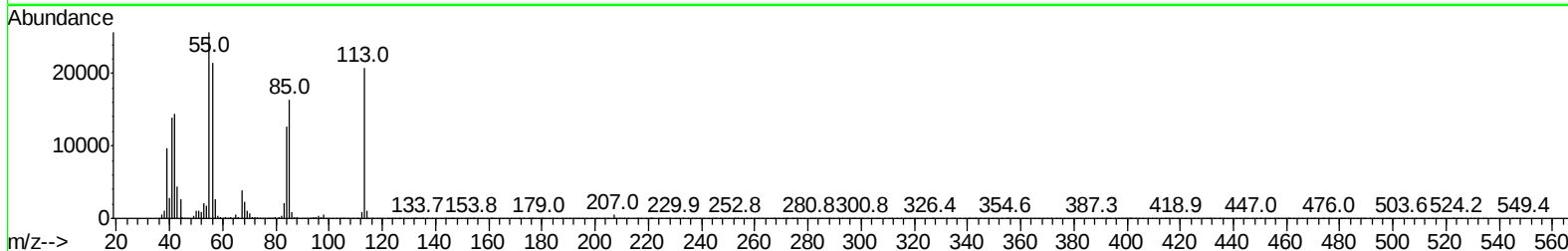
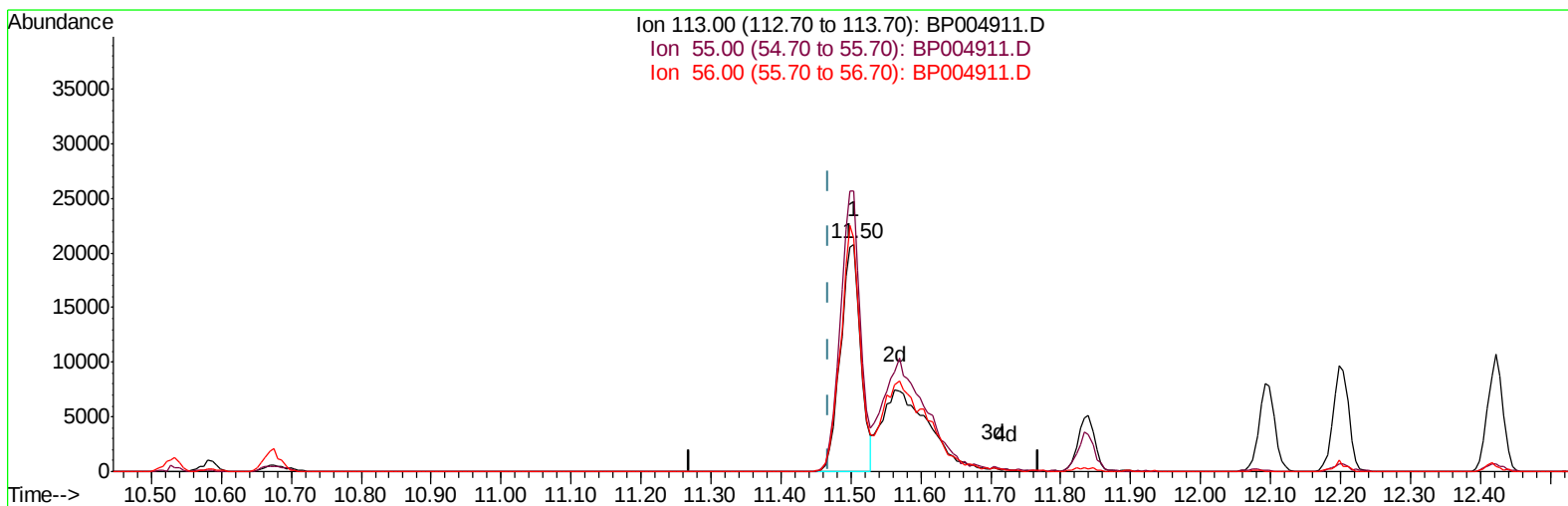
Data Path : Z:\svoasrv\HPCHEM1\BNA P\Data\BP030521\
Data File : BP004911.D
Acq On : 05 Mar 2021 11:47
Operator : CG/JU
Sample : SST08078
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD08078

Manual Integrations
APPROVED

mohammad
3/8/2021 9:36:19 AM

Quant Time: Mar 05 12:16:43 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP030521MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 05 11:17:24 2021
Response via : Initial Calibration



TIC: BP004911.D

(32) Caprolactam

11.504min (+0.035) 46.31ng/ul

response 41848

Ion	Exp%	Act%
113.00	100	100
55.00	96.70	123.38#
56.00	80.80	102.92#
0.00	0.00	0.00

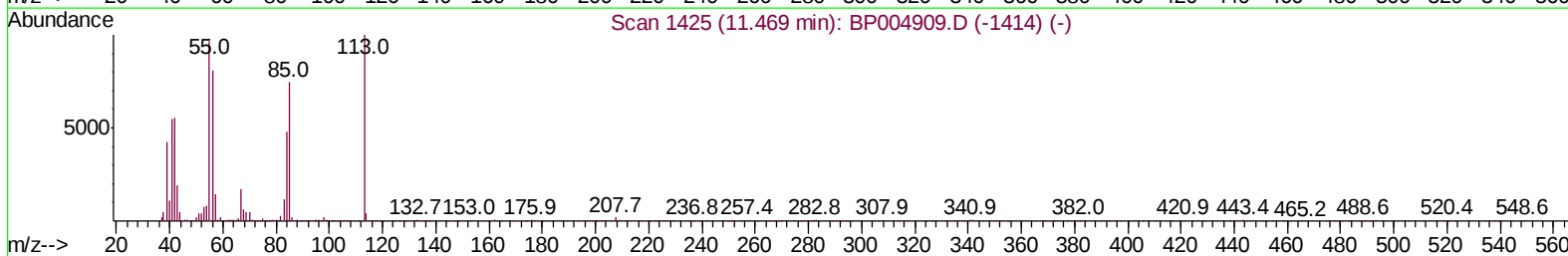
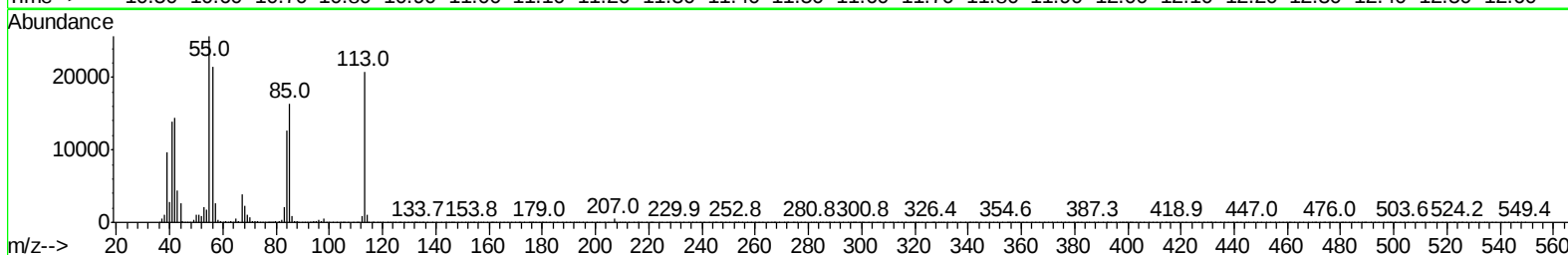
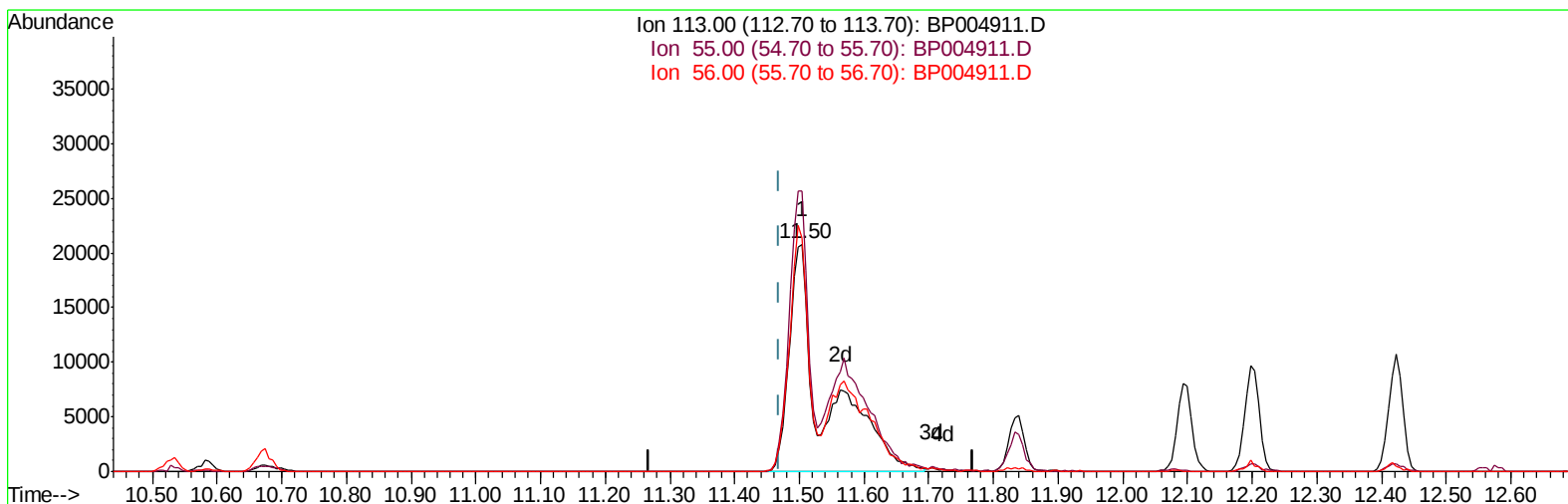
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(32) Caprolactam

11.504min (+0.035) 85.25ng/ul m

response 77047

Ion	Exp%	Act%
113.00	100	100
55.00	96.70	123.38#
56.00	80.80	102.92#
0.00	0.00	0.00

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	42569	20.00	ng/ul	0.00
18) Naphthalene-d8	10.53	136	174817	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.39	164	120543	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.15	188	266779	20.00	ng/ul	0.00
78) Chrysene-d12	21.25	240	303953	20.00	ng/ul	0.00
86) Perylene-d12	23.54	264	293534	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.23	96	31163	28.80	ng/uL	0.00
5) Phenol-d5	6.92	99	278919	80.46	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.08	67	138703	77.15	ng/ul	0.00
9) 2-Chlorophenol-d4	7.28	132	225124	84.18	ng/ul	0.00
13) 4-Methylphenol-d8	8.46	113	227071	82.20	ng/ul	0.00
19) Nitrobenzene-d5	8.90	128	108734	85.39	ng/ul	0.00
22) 2-Nitrophenol-d4	9.62	143	128586	89.93	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.16	165	244835	90.55	ng/ul	0.00
29) 4-Chloroaniline-d4	10.68	131	254337	82.29	ng/ul	0.00
44) Dimethylphthalate-d6	13.81	166	722186	81.89	ng/ul	0.00
47) Acenaphthylene-d8	14.09	160	908943	84.18	ng/ul	0.00
52) 4-Nitrophenol-d4	14.62	143	131889	83.60	ng/ul	0.01
58) Fluorene-d10	15.39	176	626928	83.61	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.52	200	154175	88.63	ng/ul	0.01
71) Anthracene-d10	17.26	188	1010008	83.48	ng/ul	0.00
79) Pyrene-d10	19.50	212	1179815	82.25	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.40	264	1292007	85.88	ng/ul	0.00

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.26	88	31178	26.482	ng/uL# 88
4) Benzaldehyde	6.88	77	118428	66.842	ng/ul 96
6) Phenol	6.95	94	289618	79.474	ng/ul 98
8) Bis(2-Chloroethyl)ether	7.17	93	211774	78.961	ng/ul 97
10) 2-Chlorophenol	7.30	128	235151	83.955	ng/ul 98
11) 2-Methylphenol	8.19	108	222882	82.006	ng/ul 99
12) 2,2'-oxybis(1-Chloropropan	8.27	45	211283	121.845	ng/ul 99
14) Acetophenone	8.56	105	371646	81.385	ng/ul 98
15) N-Nitroso-di-n-propylamine	8.56	70	178048	80.600	ng/ul 98
16) 4-Methylphenol	8.53	108	240450	82.221	ng/ul 99
17) Hexachloroethane	8.81	117	101205	82.072	ng/ul 98
20) Nitrobenzene	8.94	77	269188	77.965	ng/ul 99
21) Isophorone	9.48	82	484174	81.965	ng/ul 99
23) 2-Nitrophenol	9.65	139	137166	85.265	ng/ul 92
24) 2,4-Dimethylphenol	9.72	107	294035	82.323	ng/ul 96
25) Bis(2-Chloroethoxy)methane	9.95	93	287824	80.693	ng/ul 97
27) 2,4-Dichlorophenol	10.19	162	242756	87.260	ng/ul 99
28) Naphthalene	10.58	128	745104	80.539	ng/ul 100
30) 4-Chloroaniline	10.70	127	258499	81.143	ng/ul 99
31) Hexachlorobutadiene	10.86	225	180740	88.689	ng/ul 99
32) Caprolactam	11.50	113	77047m	85.254	ng/ul
33) 4-Chloro-3-methylphenol	11.84	107	272331	85.966	ng/ul 98
34) 2-Methylnaphthalene	12.20	142	548404	83.314	ng/ul 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.42	142	533601	83.420	ng/ul	95
37) 1,2,4,5-Tetrachlorobenzene	12.57	216	342113	88.533	ng/ul	96
38) Hexachlorocyclopentadiene	12.55	237	228396	92.751	ng/ul	95
39) 2,4,6-Trichlorophenol	12.82	196	215591	89.072	ng/ul	99
40) 2,4,5-Trichlorophenol	12.89	196	231635	89.301	ng/ul	95
41) 1,1'-Biphenyl	13.22	154	732955	81.211	ng/ul	99
42) 2-Chloronaphthalene	13.26	162	576051	81.209	ng/ul	98
43) 2-Nitroaniline	13.47	65	170233	83.862	ng/ul	98
45) Dimethylphthalate	13.86	163	738826	81.506	ng/ul	99
46) 2,6-Dinitrotoluene	13.98	165	160904	88.760	ng/ul	98
48) Acenaphthylene	14.12	152	845726	81.817	ng/ul	99
49) 3-Nitroaniline	14.31	138	128070	77.370	ng/ul	91
50) Acenaphthene	14.46	153	612445	81.593	ng/ul	99
51) 2,4-Dinitrophenol	14.52	184	111377	95.538	ng/ul	92
53) 4-Nitrophenol	14.63	109	136036	79.426	ng/ul	92
54) Dibenzofuran	14.80	168	878694	80.888	ng/ul	99
55) 2,4-Dinitrotoluene	14.77	165	230253	86.212	ng/ul	91
56) 2,3,4,6-Tetrachlorophenol	15.03	232	220476	96.248	ng/ul	99
57) Diethylphthalate	15.23	149	746031	81.379	ng/ul	97
59) Fluorene	15.45	166	760179	83.905	ng/ul	100
60) 4-Chlorophenyl-phenylether	15.45	204	415118	86.992	ng/ul	97
61) 4-Nitroaniline	15.48	138	142840	75.537	ng/ul	97
64) 4,6-Dinitro-2-methylphenol	15.53	198	154569	87.670	ng/ul	96
65) N-Nitrosodiphenylamine	15.66	169	642627	82.039	ng/ul	99
66) 4-Bromophenyl-phenylether	16.34	248	261673	92.720	ng/ul	96
67) Hexachlorobenzene	16.45	284	293240	90.522	ng/ul	96
68) Atrazine	16.63	200	262025	85.338	ng/ul	99
69) Pentachlorophenol	16.80	266	193261	97.347	ng/ul	98
70) Phenanthrene	17.20	178	1174511	81.003	ng/ul	100
72) Anthracene	17.29	178	1219261	82.372	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.18	216	339803	85.554	ng/ul	98
74) Pentachlorobenzene	14.72	250	342984	88.660	ng/ul	98
75) Carbazole	17.56	167	1042781	80.105	ng/ul	98
76) Di-n-butylphthalate	18.12	149	1299835	84.462	ng/ul	100
77) Fluoranthene	19.17	202	1454781	83.646	ng/ul	98
80) Pvrene	19.53	202	1498778	79.828	ng/ul	100
81) Butylbenzylphthalate	20.40	149	594378	81.133	ng/ul	100
82) 3,3'-Dichlorobenzidine	21.16	252	531899	84.024	ng/ul	98
83) Benzo(a)anthracene	21.23	228	1525303	81.214	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.16	149	903095	82.502	ng/ul	98
85) Chrysene	21.28	228	1454487	79.487	ng/ul	100
87) Di-n-octyl phthalate	22.05	149	1486810	75.243	ng/ul	100
88) Benzo(b)fluoranthene	22.85	252	1554434	83.286	ng/ul	99
89) Benzo(k)fluoranthene	22.90	252	1560483	84.553	ng/ul	99
91) Benzo(a)pyrene	23.45	252	1377347	84.051	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.92	276	1783140	85.023	ng/ul	99
93) Dibenzo(a,h)anthracene	25.93	278	1530594	85.800	ng/ul	100
94) Benzo(a,h,i)perylene	26.64	276	1473202	84.377	ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

