Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090821\
Data File : BN016247.D
Acq On : 08 Sep 2021 17:55
Operator : CG/JU
Sample : SSTD04011
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Sep 08 18:24:21 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN090821MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 08 17:50:31 2021
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
SSTD040211

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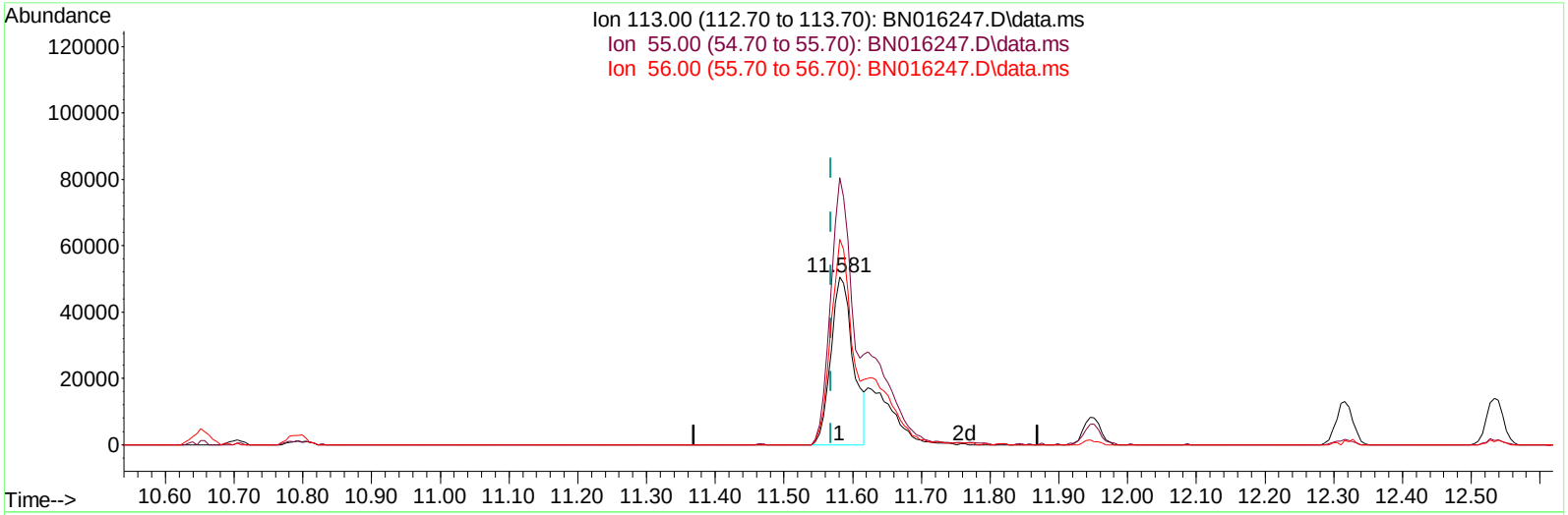

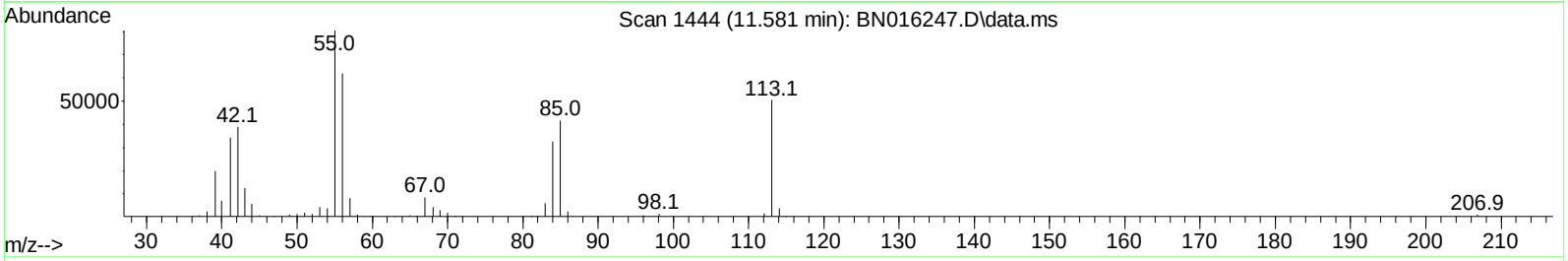

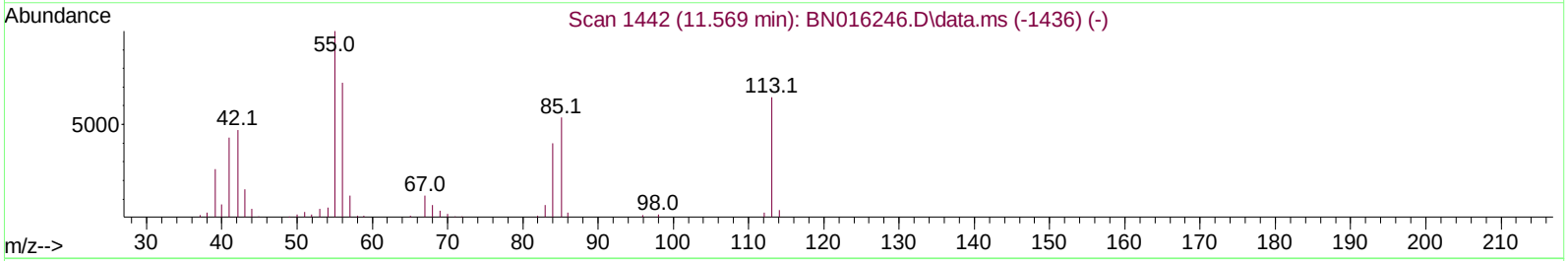

TIC: BN016247.D\data.ms

(34) Caprolactam

11.581min (+ 0.012) 32.04 ng/ul

response 113915

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	154.80	159.27
56.00	111.80	122.51
0.00	0.00	0.00

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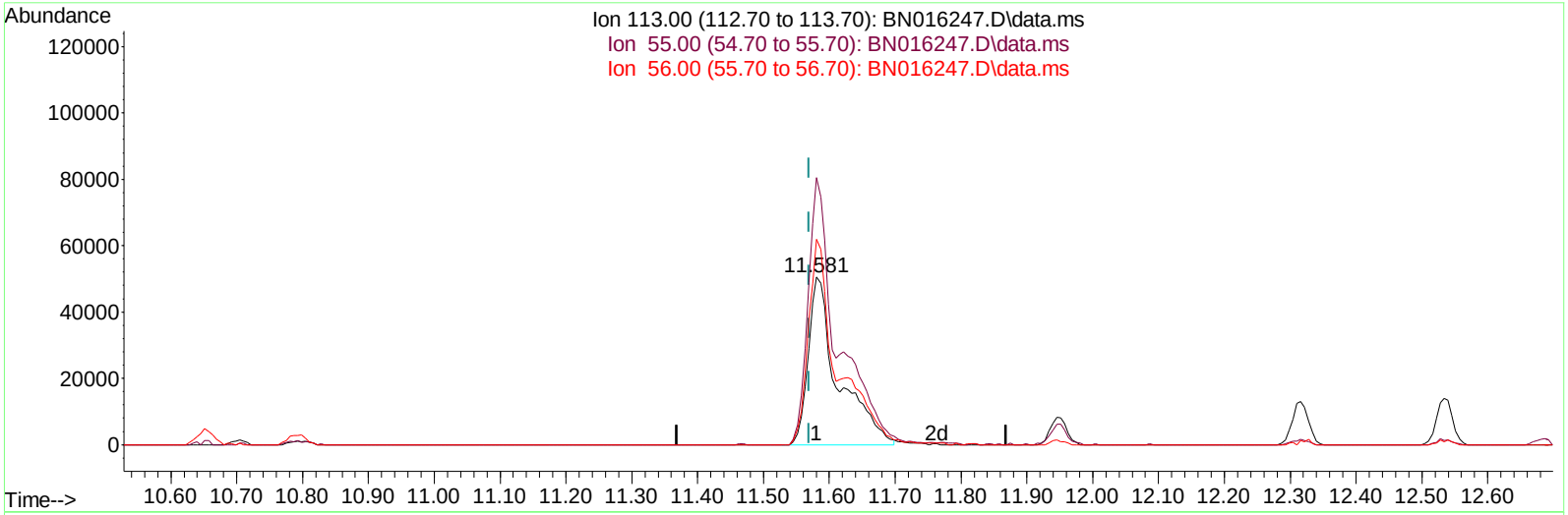

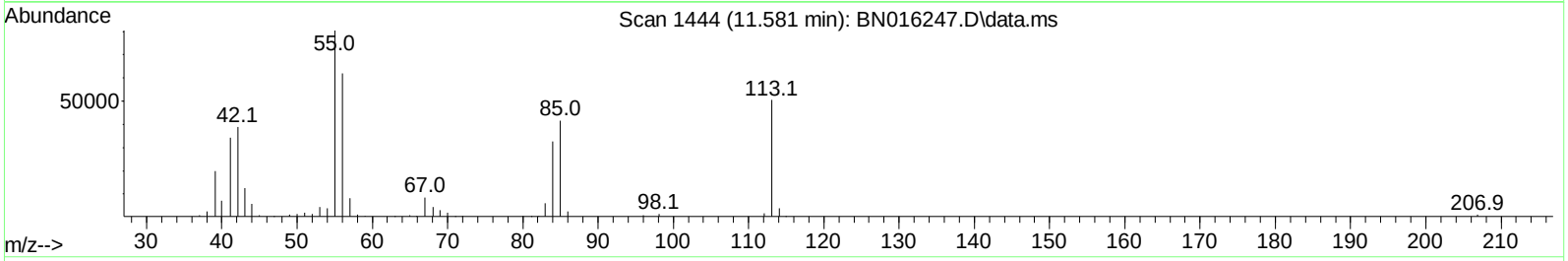

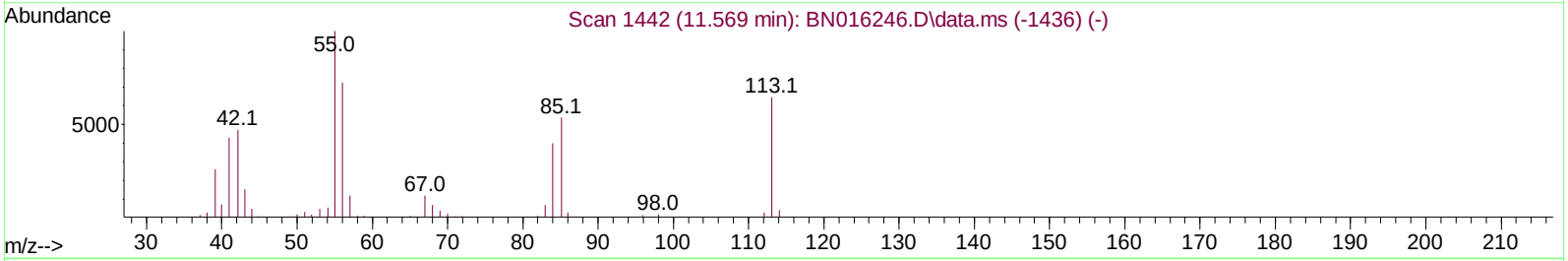

TIC: BN016247.D\data.ms

(34) Caprolactam

11.581min (+ 0.012) 44.95 ng/ul m

response 159789

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	154.80	159.27
56.00	111.80	122.51
0.00	0.00	0.00

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.852	152	179641	20.000	ng/ul	0.00
20) Naphthalene-d8	10.651	136	772034	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.492	164	500014	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.239	188	1040606	20.000	ng/ul	0.00
79) Chrysene-d12	21.433	240	1050634	20.000	ng/ul	0.00
88) Perylene-d12	23.821	264	1128249	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.293	96	55980	12.139	ng/uL	0.00
4) Pyridine-d5	3.705	84	413352	32.070	ng/ul	0.00
7) Phenol-d5	7.022	99	558212	34.352	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.181	67	297781	29.764	ng/ul	0.00
11) 2-Chlorophenol-d4	7.381	132	479658	41.483	ng/ul	0.00
15) 4-Methylphenol-d8	8.563	113	452856	35.831	ng/ul	0.00
21) Nitrobenzene-d5	9.010	128	236474	41.616	ng/ul	0.00
24) 2-Nitrophenol-d4	9.734	143	270052	50.780	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.275	165	481395	41.831	ng/ul	0.00
31) 4-Chloroaniline-d4	10.793	131	656592	37.483	ng/ul	0.00
46) Dimethylphthalate-d6	13.904	166	1334765	36.424	ng/ul	0.00
49) Acenaphthylene-d8	14.187	160	1763817	38.434	ng/ul	0.00
54) 4-Nitrophenol-d4	14.704	143	263084	40.591	ng/ul	0.00
60) Fluorene-d10	15.486	176	1156285	36.174	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.616	200	248941	44.795	ng/ul	0.00
73) Anthracene-d10	17.339	188	1855151	38.036	ng/ul	0.00
81) Pyrene-d10	19.639	212	2099038	37.092	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.668	264	2283350	37.430	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.334	88	58598	12.360	ng/uL	90
5) Pyridine	3.722	79	412168	31.017	ng/ul	99
6) Benzaldehyde	6.993	77	344034	41.148	ng/ul	99
8) Phenol	7.046	94	570475	34.438	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.275	93	428616	33.027	ng/ul	98
12) 2-Chlorophenol	7.416	128	479621	40.355	ng/ul	99
13) 2-Methylphenol	8.299	108	441012	36.345	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.381	45	564531	34.062	ng/ul	98
16) Acetophenone	8.675	105	701630	34.401	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.663	70	324943	32.626	ng/ul	99
18) 4-Methylphenol	8.628	108	480827	37.024	ng/ul	96
19) Hexachloroethane	8.928	117	188438	34.915	ng/ul	93
22) Nitrobenzene	9.057	77	474778	29.549	ng/ul	97
23) Isophorone	9.581	82	936441	33.500	ng/ul	98
25) 2-Nitrophenol	9.763	139	289535	49.925	ng/ul	98
26) 2,4-Dimethylphenol	9.834	107	521405	33.660	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.063	93	581545	33.871	ng/ul	99
29) 2,4-Dichlorophenol	10.304	162	467846	41.233	ng/ul	98
30) Naphthalene	10.704	128	1520478	36.772	ng/ul	99
32) 4-Chloroaniline	10.816	127	658823	38.094	ng/ul	100
33) Hexachlorobutadiene	10.987	225	304244	34.898	ng/ul	99
34) Caprolactam	11.581	113	159789m	44.948	ng/ul	
35) 4-Chloro-3-methylphenol	11.951	107	491438	36.566	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.316	142	1043548	36.292	ng/ul	100
37) 1-Methylnaphthalene	12.534	142	1054699	36.851	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.687	216	576438	35.636	ng/ul	99
40) Hexachlorocyclopentadiene	12.663	237	338052	32.235	ng/ul	97
41) 2,4,6-Trichlorophenol	12.928	196	384235	43.442	ng/ul	99
42) 2,4,5-Trichlorophenol	13.004	196	406200	42.064	ng/ul	96
43) 1,1'-Biphenyl	13.328	154	1372580	35.500	ng/ul	99
44) 2-Chloronaphthalene	13.369	162	1096265	36.720	ng/ul	98
45) 2-Nitroaniline	13.575	65	300018	35.465	ng/ul	96
47) Dimethylphthalate	13.951	163	1337070	36.808	ng/ul	99
48) 2,6-Dinitrotoluene	14.075	165	294853	44.821	ng/ul	99
50) Acenaphthylene	14.216	152	1792936	41.099	ng/ul	99
51) 3-Nitroaniline	14.398	138	321823	45.499	ng/ul	99
52) Acenaphthene	14.557	153	1126932	35.714	ng/ul	97
53) 2,4-Dinitrophenol	14.610	184	158675	43.410	ng/ul	96
55) 4-Nitrophenol	14.716	109	174240	27.474	ng/ul	96
56) Dibenzofuran	14.892	168	1648643	37.791	ng/ul	100
57) 2,4-Dinitrotoluene	14.863	165	427694	45.138	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	15.122	232	339751	42.520	ng/ul	96
59) Diethylphthalate	15.316	149	1308165	36.014	ng/ul	100
61) Fluorene	15.545	166	1317931	37.022	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.534	204	676075	36.420	ng/ul	97
63) 4-Nitroaniline	15.569	138	333585	49.221	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.628	198	229825	41.579	ng/ul#	96
67) N-Nitrosodiphenylamine	15.751	169	1167504	38.439	ng/ul	98
68) 4-Bromophenyl-phenylether	16.428	248	416595	37.307	ng/ul	96
69) Hexachlorobenzene	16.551	284	477172	36.567	ng/ul	96
70) Atrazine	16.704	200	441873	40.109	ng/ul	98
71) Pentachlorophenol	16.892	266	256531	35.042	ng/ul	96
72) Phenanthrene	17.286	178	2134563	37.733	ng/ul	100
74) Anthracene	17.375	178	2188284	37.889	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.293	216	602846	36.779	ng/uL	98
76) Pentachlorobenzene	14.816	250	594185	37.242	ng/uL	97
77) Carbazole	17.645	167	1999303	39.372	ng/ul	100
78) Di-n-butylphthalate	18.210	149	2362526	40.919	ng/ul	100
80) Fluoranthene	19.304	202	2531544	36.974	ng/ul	99
82) Pyrene	19.669	202	2605441	36.562	ng/ul	98
83) Butylbenzylphthalate	20.563	149	1098757	45.851	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.351	252	906731	42.146	ng/ul	94
85) Benzo(a)anthracene	21.416	228	2634234	38.968	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.339	149	1615550	42.509	ng/ul	97
87) Chrysene	21.469	228	2554866	39.036	ng/ul	98
89) Di-n-octyl phthalate	22.263	149	2863592	40.102	ng/ul	100
90) Benzo(b)fluoranthene	23.092	252	2700138	36.402	ng/ul	99
91) Benzo(k)fluoranthene	23.145	252	2590023	35.070	ng/ul	98
93) Benzo(a)pyrene	23.715	252	2664552	39.683	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.298	276	3026149	36.347	ng/ul	98
95) Dibenzo(a,h)anthracene	26.315	278	2617176	38.078	ng/ul	98
96) Benzo(g,h,i)perylene	27.068	276	2575921	37.420	ng/ul	99

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

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