Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG093021\
Data File : BG050405.D
Acq On : 3 Oct 2021 2:33
Operator : CG/JU
Sample : SP5711
Misc : SFAM SPIKE
ALS Vial : 91 Sample Multiplier: 1

Quant Time: Oct 04 01:10:41 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG093021.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 30 16:27:24 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SP5711

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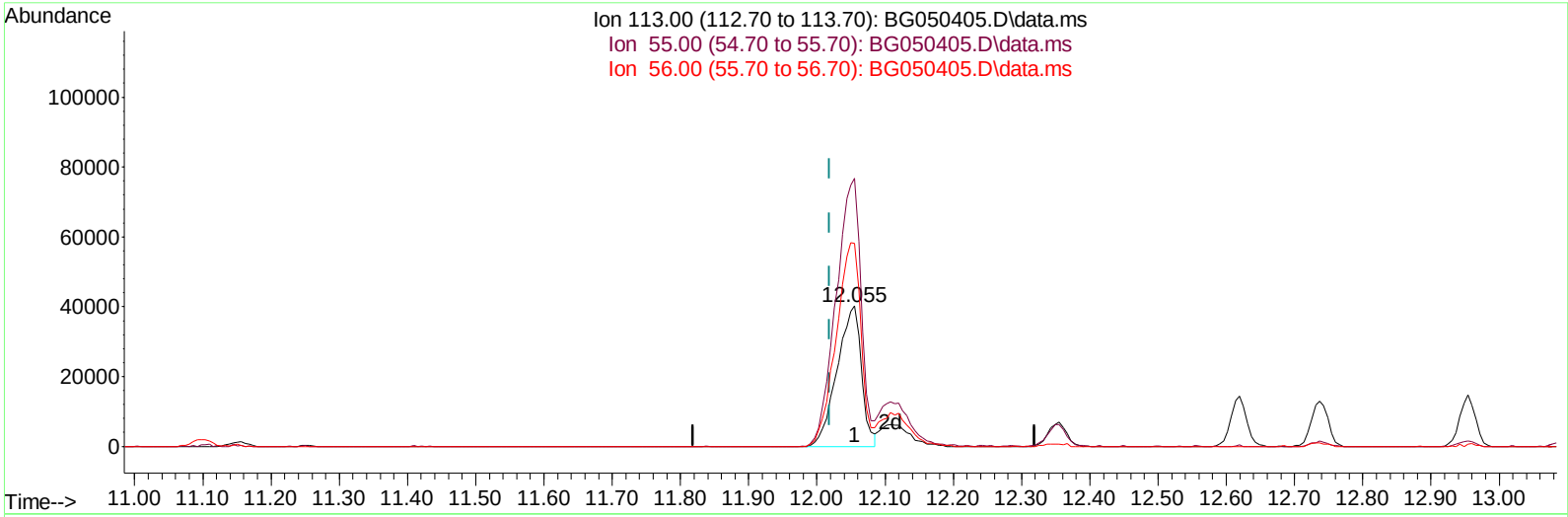

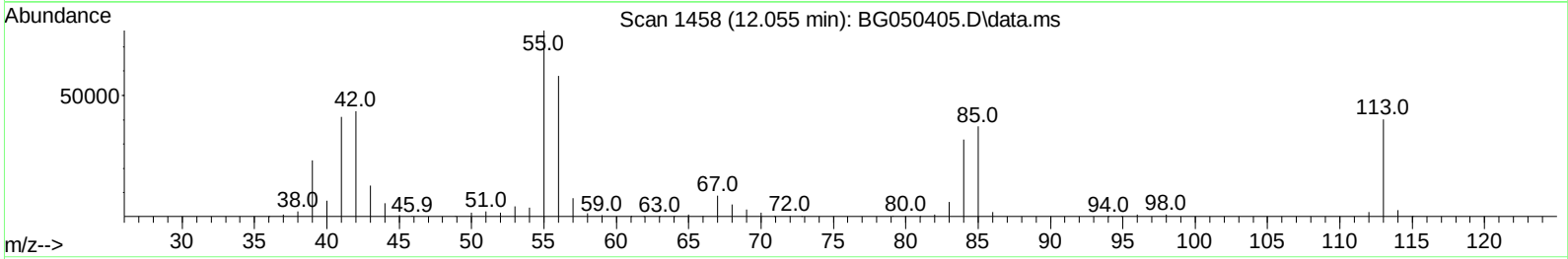

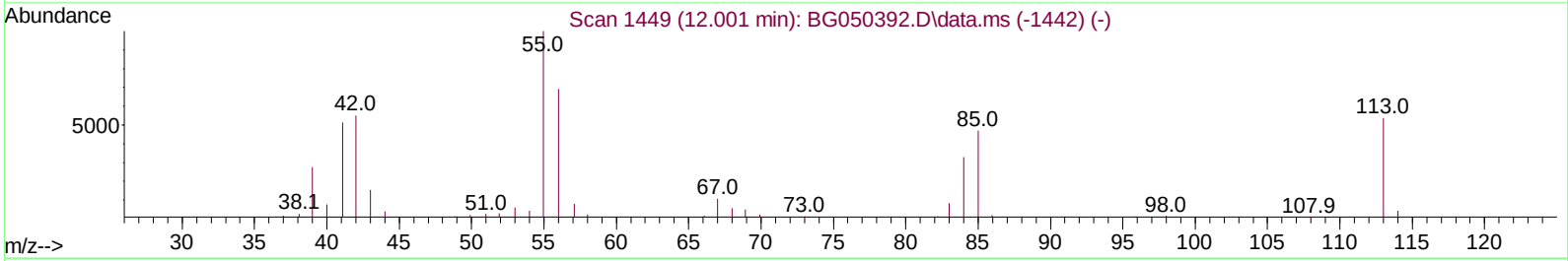

TIC: BG050405.D\data.ms

(34) Caprolactam

12.055min (+ 0.036) 60.60 ng/ul

response 99513

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	180.10	190.65
56.00	132.30	144.40
0.00	0.00	0.00

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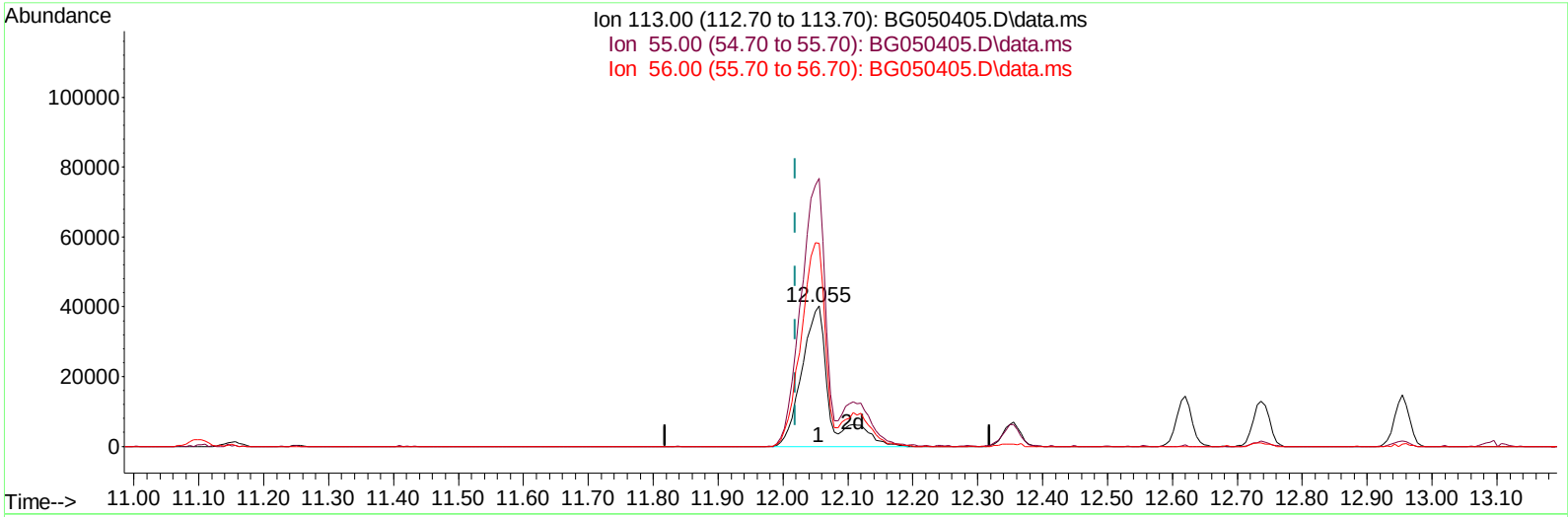

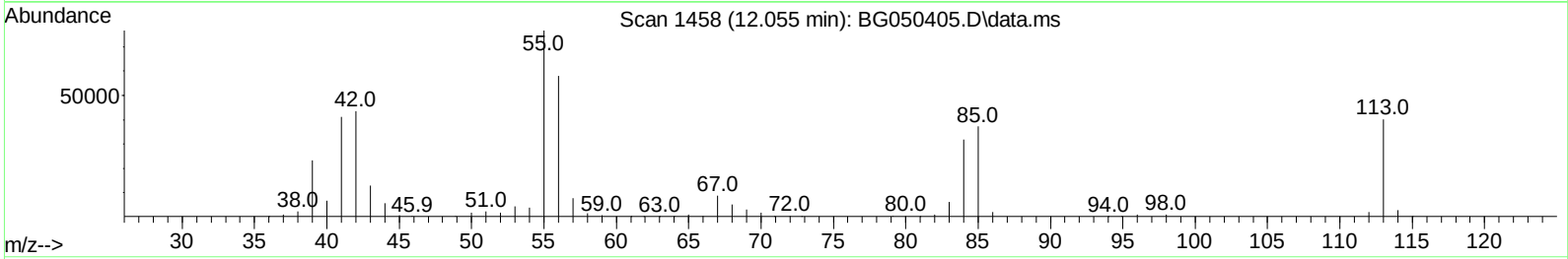

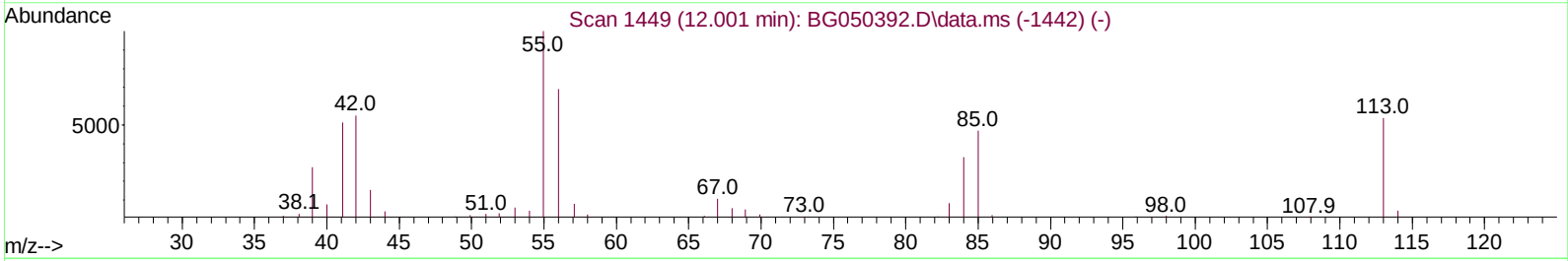

TIC: BG050405.D\data.ms

(34) Caprolactam

12.055min (+ 0.036) 72.17 ng/ul m

response 118497

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	180.10	190.65
56.00	132.30	144.40
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	8.271	152	68909	20.000	ng/ul	0.00
20) Naphthalene-d8	11.098	136	289551	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.893	164	184331	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.637	188	389882	20.000	ng/ul	0.00
79) Chrysene-d12	21.944	240	333220	20.000	ng/ul	0.00
88) Perylene-d12	25.369	264	340359	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.000	96	0	0.000	ng/uL	
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	0.000	99	0	0.000	ng/ul	
9) Bis-(2-Chloroethyl)eth...	0.000	67	0d	0.000	ng/ul	
11) 2-Chlorophenol-d4	0.000	132	0d	0.000	ng/ul	
15) 4-Methylphenol-d8	0.000	113	0d	0.000	ng/ul	
21) Nitrobenzene-d5	0.000	128	0	0.000	ng/ul	
24) 2-Nitrophenol-d4	0.000	143	0	0.000	ng/ul	
28) 2,4-Dichlorophenol-d3	0.000	165	0d	0.000	ng/ul	
31) 4-Chloroaniline-d4	0.000	131	0d	0.000	ng/ul	
46) Dimethylphthalate-d6	0.000	166	0d	0.000	ng/ul	
49) Acenaphthylene-d8	0.000	160	0	0.000	ng/ul	
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/ul	
60) Fluorene-d10	0.000	176	0d	0.000	ng/ul	
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/ul	
73) Anthracene-d10	0.000	188	0d	0.000	ng/ul	
81) Pyrene-d10	0.000	212	0d	0.000	ng/ul	
92) Benzo(a)pyrene-d12	0.000	264	0d	0.000	ng/ul	
Target Compounds						Qvalue
2) 1,4-Dioxane	3.677	88	58339	25.709	ng/uL	87
5) Pyridine	4.082	79	423858	74.869	ng/ul	94
6) Benzaldehyde	7.408	77	393930	99.212	ng/ul	94
8) Phenol	7.437	94	491998	79.728	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.684	93	362203	78.251	ng/ul	97
12) 2-Chlorophenol	7.831	128	347438	80.501	ng/ul	89
13) 2-Methylphenol	8.706	108	368470	81.023	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.800	45	559927	80.626	ng/ul	99
16) Acetophenone	9.106	105	540440	74.643	ng/ul	99
17) N-Nitroso-di-n-propyla...	9.088	70	333325	76.605	ng/ul	96
18) 4-Methylphenol	9.041	108	388708	80.708	ng/ul	97
19) Hexachloroethane	9.370	117	147588	79.566	ng/ul	96
22) Nitrobenzene	9.488	77	490310	80.766	ng/ul	100
23) Isophorone	10.017	82	885387	75.889	ng/ul	98
25) 2-Nitrophenol	10.205	139	197992	88.613	ng/ul	94
26) 2,4-Dimethylphenol	10.252	107	434422	78.327	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.487	93	483333	76.734	ng/ul	97
29) 2,4-Dichlorophenol	10.739	162	342594	80.609	ng/ul	97
30) Naphthalene	11.150	128	1084084	72.925	ng/ul#	96
32) 4-Chloroaniline	11.250	127	386128	62.540	ng/ul	95
33) Hexachlorobutadiene	11.427	225	230142	74.514	ng/ul	97
34) Caprolactam	12.055	113	118497m	72.166	ng/ul	
35) 4-Chloro-3-methylphenol	12.355	107	394411	78.713	ng/ul	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.737	142	720572	71.296	ng/ul	96
37) 1-Methylnaphthalene	12.954	142	716290	70.399	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	13.095	216	410544	77.177	ng/ul	97
40) Hexachlorocyclopentadiene	13.072	237	240456	68.162	ng/ul	96
41) 2,4,6-Trichlorophenol	13.330	196	282283	84.192	ng/ul	99
42) 2,4,5-Trichlorophenol	13.401	196	300492	81.930	ng/ul	98
43) 1,1'-Biphenyl	13.730	154	923798	74.471	ng/ul	95
44) 2-Chloronaphthalene	13.777	162	734428	75.571	ng/ul	97
45) 2-Nitroaniline	13.977	65	298935	93.954	ng/ul	93
47) Dimethylphthalate	14.335	163	932399	73.459	ng/ul	98
48) 2,6-Dinitrotoluene	14.464	165	206413	86.453	ng/ul	92
50) Acenaphthylene	14.617	152	1202411	74.824	ng/ul	97
51) 3-Nitroaniline	14.793	138	206962	79.689	ng/ul	89
52) Acenaphthene	14.958	153	789968	74.377	ng/ul	99
53) 2,4-Dinitrophenol	14.993	184	105242	70.717	ng/ul#	87
55) 4-Nitrophenol	15.081	109	186294	77.538	ng/ul	99
56) Dibenzofuran	15.293	168	1081521	70.014	ng/ul	92
57) 2,4-Dinitrotoluene	15.246	165	277802	80.128	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.504	232	245016	77.685	ng/ul#	90
59) Diethylphthalate	15.692	149	943237	71.220	ng/ul	99
61) Fluorene	15.939	166	863711	70.281	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.921	204	489751	73.585	ng/ul	94
63) 4-Nitroaniline	15.962	138	228511	87.127	ng/ul	98
66) 4,6-Dinitro-2-methylph...	16.009	198	140713	73.202	ng/ul	94
67) N-Nitrosodiphenylamine	16.133	169	771131	78.226	ng/ul	99
68) 4-Bromophenyl-phenylether	16.814	248	290658	80.073	ng/ul	92
69) Hexachlorobenzene	16.938	284	298266	78.032	ng/ul	96
70) Atrazine	17.079	200	320945	76.466	ng/ul	99
71) Pentachlorophenol	17.279	266	207891	83.049	ng/ul	99
72) Phenanthrene	17.678	178	1371791	70.487	ng/ul	96
74) Anthracene	17.772	178	1394941	72.374	ng/ul	95
75) 1,2,3,4-Tetrachloroben...	13.700	216	428877	83.437	ng/uL	98
76) Pentachlorobenzene	15.205	250	376001	80.070	ng/uL	99
77) Carbazole	18.037	167	1277277	74.037	ng/ul	95
78) Di-n-butylphthalate	18.577	149	1515556	74.134	ng/ul#	96
80) Fluoranthene	19.676	202	1607686	72.252	ng/ul#	95
82) Pyrene	20.040	202	1604523	73.126	ng/ul#	95
83) Butylbenzylphthalate	20.910	149	681946	84.319	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.826	252	573873	83.557	ng/ul	100
85) Benzo(a)anthracene	21.926	228	1494300	74.386	ng/ul	94
86) Bis(2-ethylhexyl)phtha...	21.797	149	966081	83.127	ng/ul	98
87) Chrysene	21.997	228	1431839	74.376	ng/ul	96
89) Di-n-octyl phthalate	23.084	149	1623904	83.033	ng/ul	100
90) Benzo(b)fluoranthene	24.282	252	1539423	74.256	ng/ul	96
91) Benzo(k)fluoranthene	24.359	252	1408439	73.010	ng/ul	97
93) Benzo(a)pyrene	25.222	252	1486111	75.130	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	29.329	276	1703335	76.698	ng/ul	97
95) Dibenzo(a,h)anthracene	29.411	278	1444134	76.413	ng/ul	96
96) Benzo(g,h,i)perylene	30.592	276	1408767	75.250	ng/ul	98

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

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