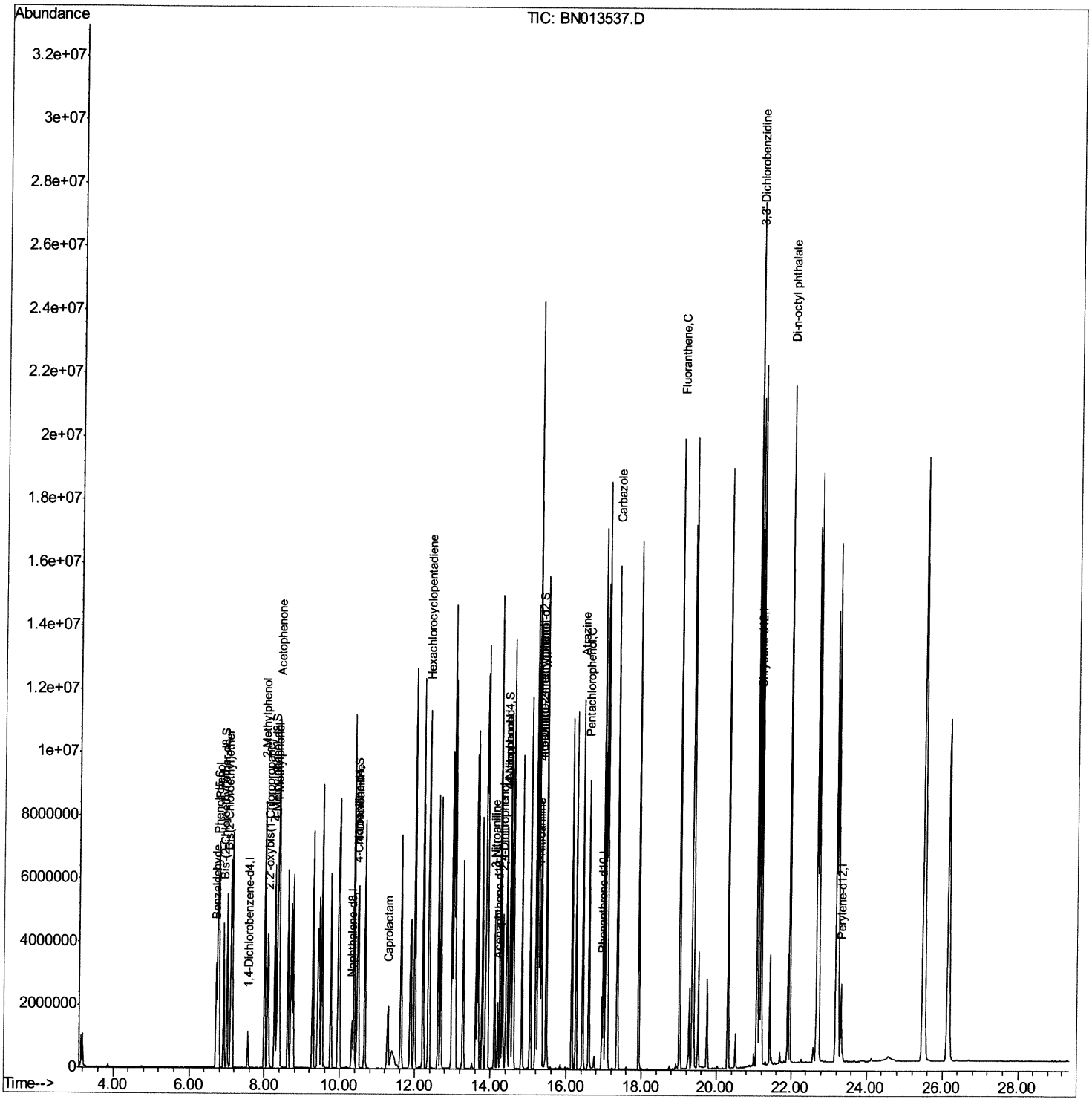
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN012921\
Data File : BN013537.D
Acq On : 29 Jan 2021 13:53
Operator : CG/JU
Sample : SSTD16055
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jan 29 14:29:07 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN012921MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jan 29 12:41:56 2021
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
SSTD16055

Manual Integrations APPROVED
mohammad
2/1/2021 11:50:27 AM



Quantitation Report (Qedit)

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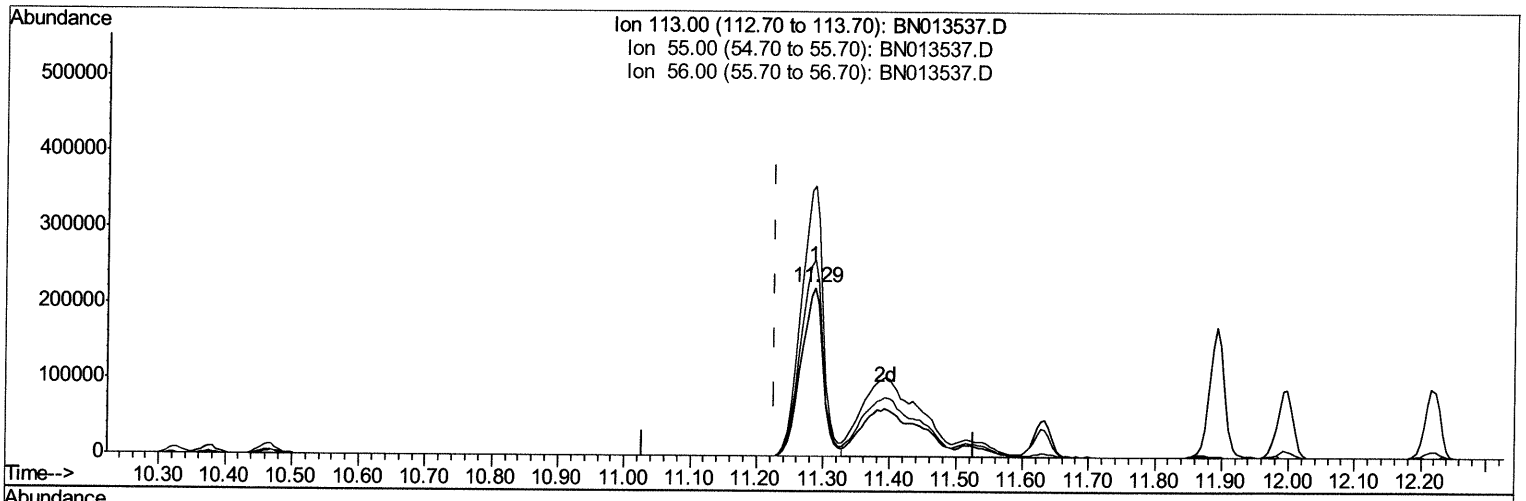

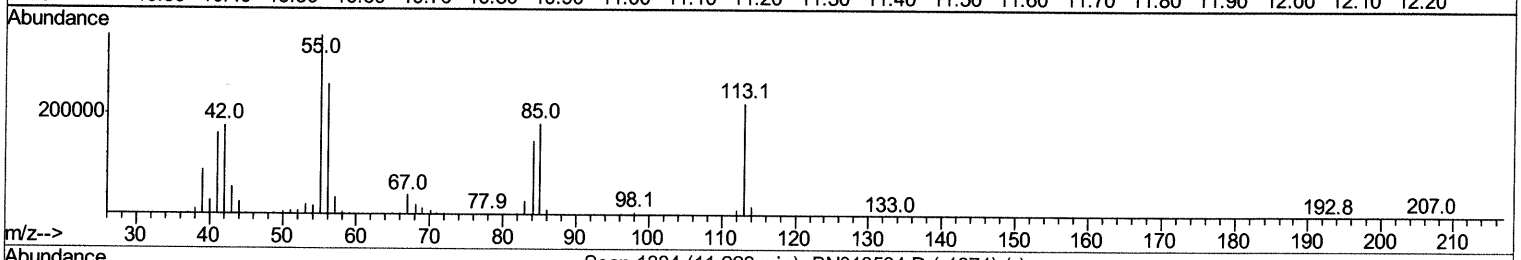

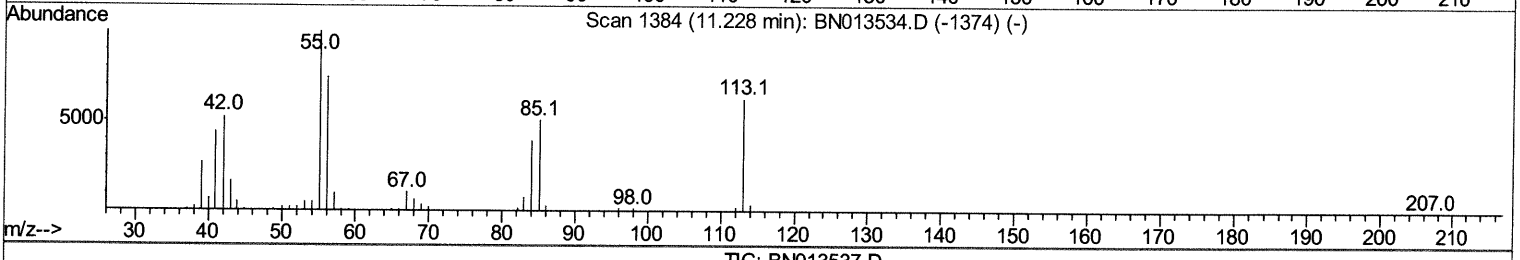

TIC: BN013537.D

(32) Caprolactam

11.287min (+0.059) 86.54ng/ul

response 518343

Ion	Exp%	Act%
113.00	100	100
55.00	159.50	160.24
56.00	119.50	116.65
0.00	0.00	0.00

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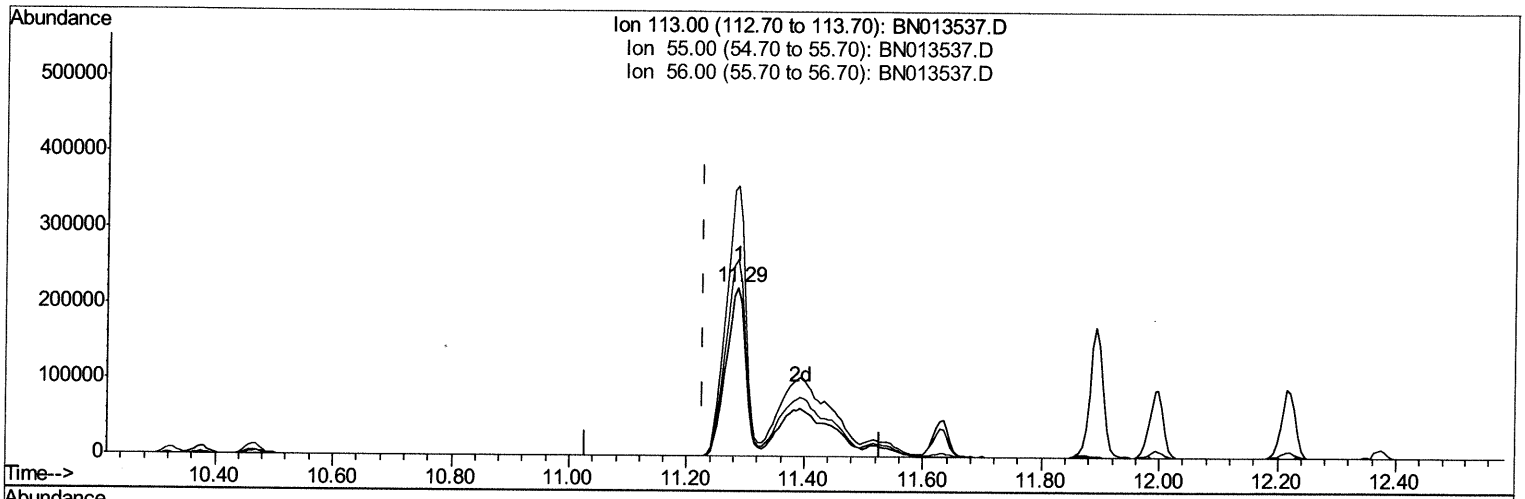

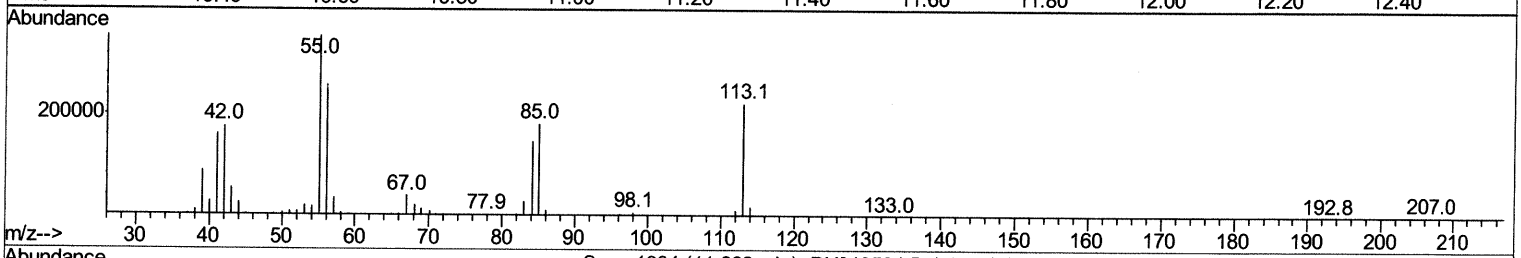

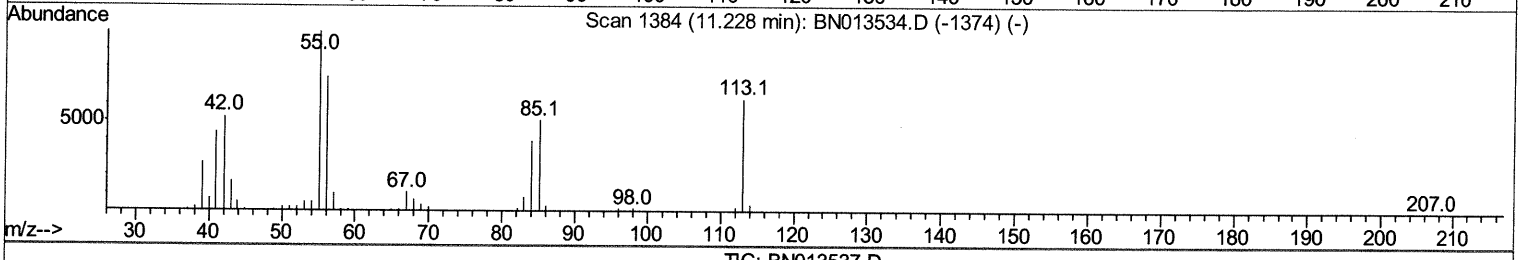

TIC: BN013537.D

(32) Caprolactam

11.287min (+0.059) 158.83ng/ul m 02/05/21 JU

response 951389

Ion	Exp%	Act%
113.00	100	100
55.00	159.50	160.24
56.00	119.50	116.65
0.00	0.00	0.00

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mohammad
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	311161	20.00	ng/ul	0.00
18) Naphthalene-d8	10.32	136	1264454	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.20	164	725622	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.95	188	1454693	20.00	ng/ul	0.00
78) Chrysene-d12	21.16	240	1352923	20.00	ng/ul	0.01
86) Perylene-d12	23.32	264	1571943	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.00	96	0d	0.00	ng/uL	
5) Phenol-d5	6.75	99	3753709	141.29	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	6.91	67	2019472	121.47	ng/ul	0.00
9) 2-Chlorophenol-d4	0.00	132	0d	0.00	ng/ul	
13) 4-Methylphenol-d8	8.28	113	2915579	135.89	ng/ul	0.02
19) Nitrobenzene-d5	0.00	128	0d	0.00	ng/ul	
22) 2-Nitrophenol-d4	0.00	143	0d	0.00	ng/ul	
26) 2,4-Dichlorophenol-d3	0.00	165	0d	0.00	ng/ul	
29) 4-Chloroaniline-d4	10.46	131	2529269	100.91	ng/ul	0.00
44) Dimethylphthalate-d6	0.00	166	0d	0.00	ng/ul	
47) Acenaphthylene-d8	0.00	160	0d	0.00	ng/ul	
52) 4-Nitrophenol-d4	14.43	143	1573615	145.79	ng/ul	0.03
58) Fluorene-d10	0.00	176	0d	0.00	ng/ul	
63) 4,6-Dinitro-2-methylphenol	15.33	200	1390864	138.94	ng/ul	0.02
71) Anthracene-d10	0.00	188	0d	0.00	ng/ul	
79) Pyrene-d10	0.00	212	0d	0.00	ng/ul	
90) Benzo(a)pyrene-d12	0.00	264	0d	0.00	ng/ul	
Target Compounds						Qvalue
4) Benzaldehyde	6.71	77	1082128	82.231	ng/ul	95
6) Phenol	6.78	94	3865092	146.221	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.00	93	2946110	136.614	ng/ul	98
11) 2-Methylphenol	8.00	108	2926523	145.243	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.09	45	4062820	110.793	ng/ul	98
14) Acetophenone	8.38	105	4308048	135.678	ng/ul	98
16) 4-Methylphenol	8.35	108	3107248	144.887	ng/ul	100
30) 4-Chloroaniline	10.49	127	2610383	108.453	ng/ul	100
32) Caprolactam	11.29	113	951389m>	158.834	ng/ul>	02/05/21 JU
38) Hexachlorocyclopentadiene	12.36	237	2007636	139.203	ng/ul	98
49) 3-Nitroaniline	14.12	138	1409543	129.666	ng/ul	96
51) 2,4-Dinitrophenol	14.32	184	1108026	156.911	ng/ul	94
53) 4-Nitrophenol	14.45	109	1117011	134.875	ng/ul	95
61) 4-Nitroaniline	15.30	138	1712903	160.717	ng/ul	99
64) 4,6-Dinitro-2-methylphenol	15.35	198	1376751	130.840	ng/ul#	92
68) Atrazine	16.44	200	2273550	132.516	ng/ul	99
69) Pentachlorophenol	16.60	266	1579643	136.628	ng/ul	97
75) Carbazole	17.36	167	10332477	132.594	ng/ul	97
77) Fluoranthene	19.02	202	12118242	123.991	ng/ul	96
82) 3,3'-Dichlorobenzidine	21.07	252	3530422	117.058	ng/ul	100
87) Di-n-octyl phthalate	21.95	149	13219807	100.215	ng/ul	100

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2/1/2021 11:50:27 AM

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

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