Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061522\
Data File : BN020181.D
Acq On : 15 Jun 2022 18:55
Operator : CG/JU
Sample : PB145541BS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Jun 16 01:12:11 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN060622.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 16 00:50:14 2022
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
SLCS541

Manual IntegrationsAPPROVED

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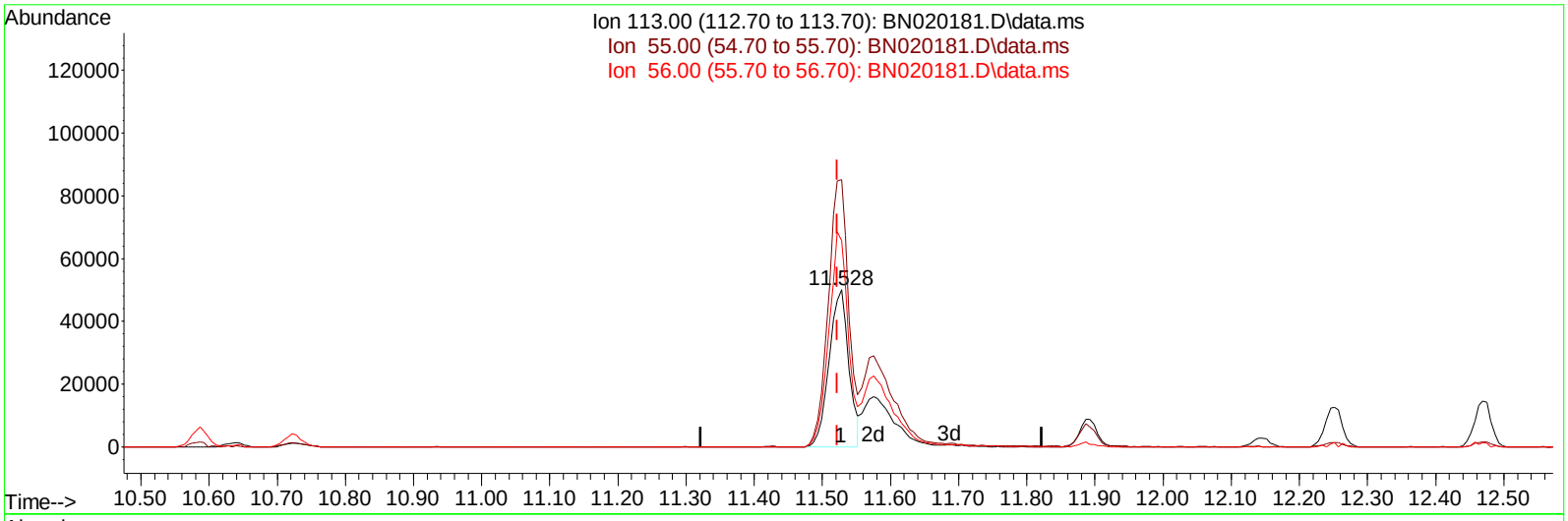
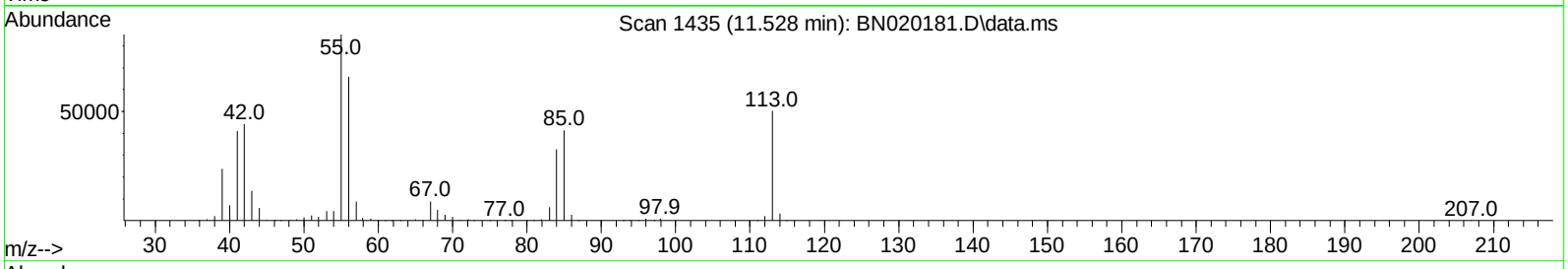
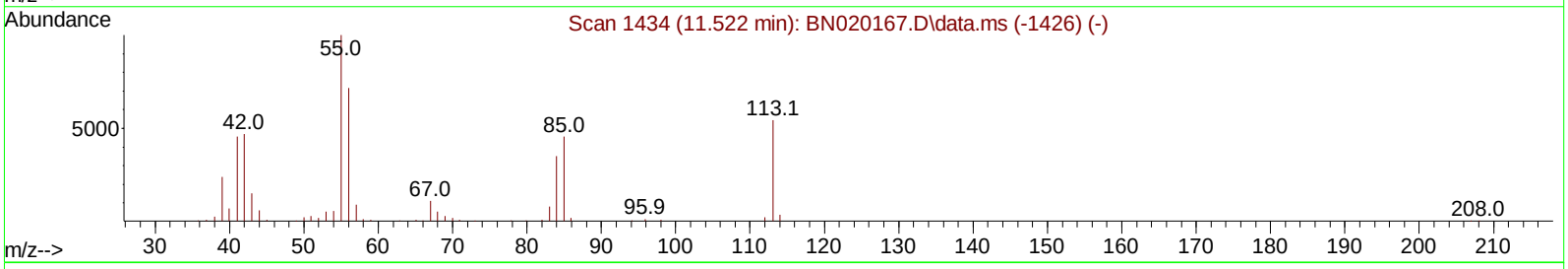
Supervised By :mohammad ahmed 06/22/2022







TIC: BN020181.D\data.ms

(34) Caprolactam

11.528min (+ 0.006) 22.31 ng/ul

response 100637

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	181.90	169.63
56.00	133.10	130.92
0.00	0.00	0.00

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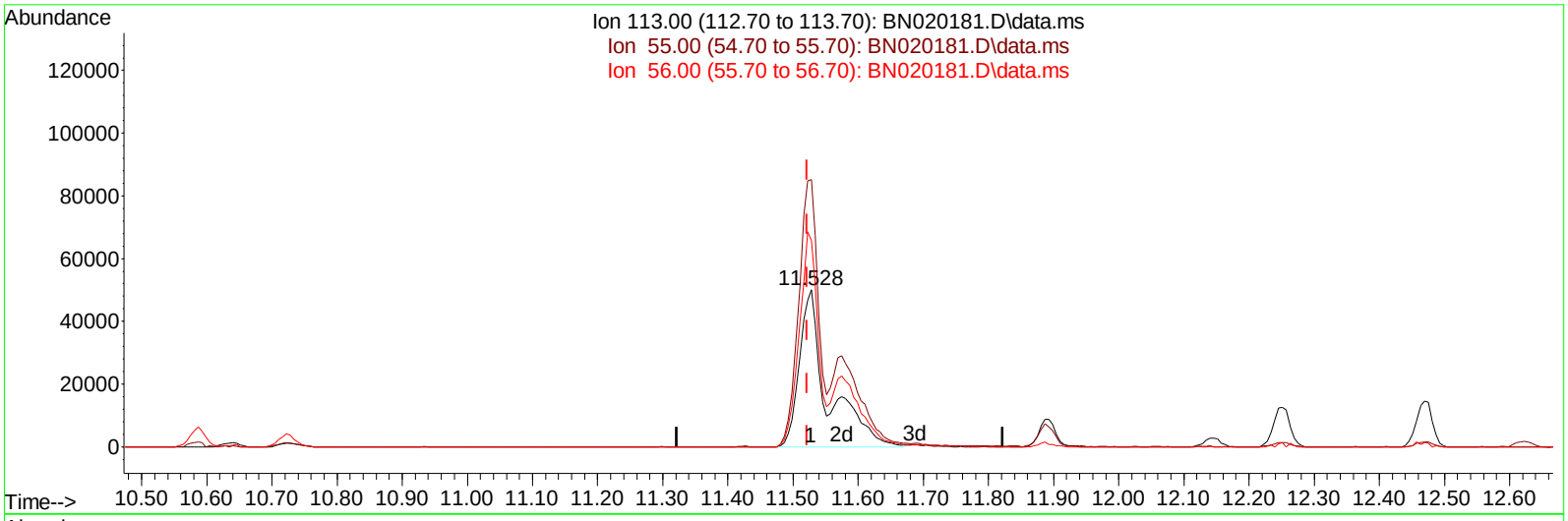

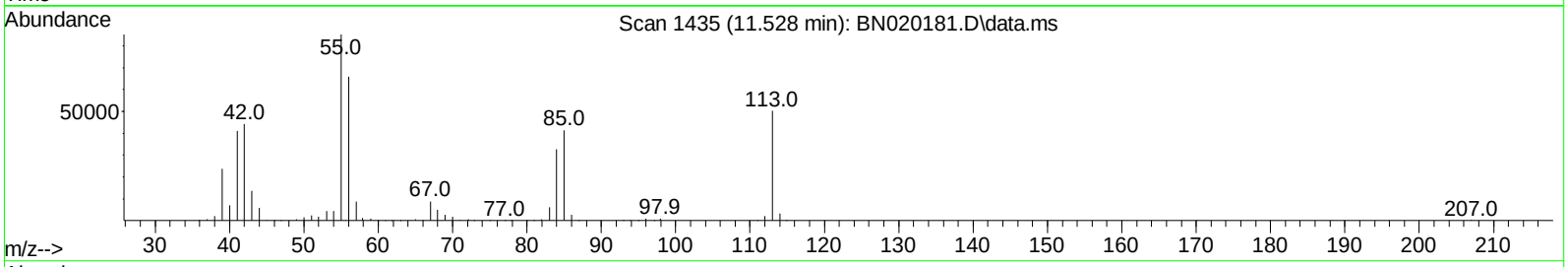

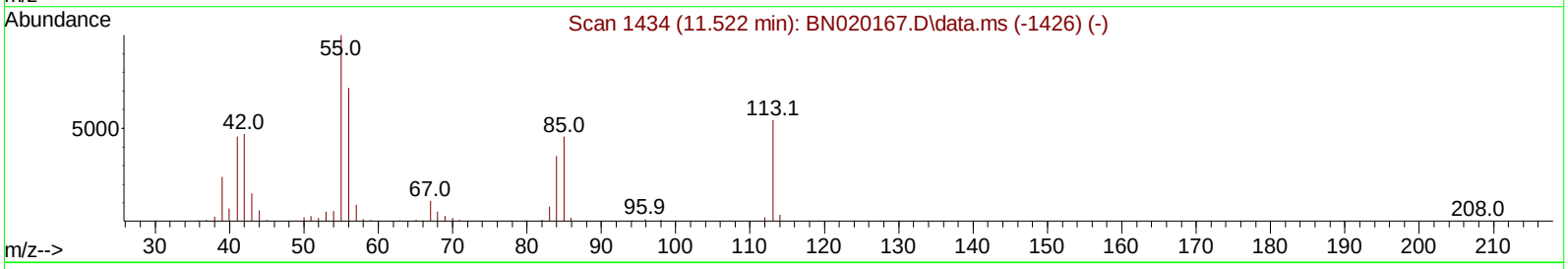

TIC: BN020181.D\data.ms

(34) Caprolactam

11.528min (+ 0.006) 33.47 ng/ul m

response 150936

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	181.90	169.63
56.00	133.10	130.92
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	7.799	152	162428	20.000	ng/ul	0.00
20) Naphthalene-d8	10.587	136	792095	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.428	164	517849	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.169	188	1072720	20.000	ng/ul	0.00
79) Chrysene-d12	21.363	240	919978	20.000	ng/ul	0.00
88) Perylene-d12	23.674	264	823791	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.264	96	23562	6.283	ng/uL	0.00
4) Pyridine-d5	3.670	84	347001	33.854	ng/ul	0.00
7) Phenol-d5	6.981	99	504673	37.549	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	7.134	67	296256	35.280	ng/ul	0.00
11) 2-Chlorophenol-d4	7.334	132	413090	37.826	ng/ul	0.00
15) 4-Methylphenol-d8	8.516	113	438097	37.675	ng/ul	0.01
21) Nitrobenzene-d5	8.952	128	214204	35.546	ng/ul	0.00
24) 2-Nitrophenol-d4	9.675	143	240824	37.656	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.222	165	414878	37.160	ng/ul	0.01
31) 4-Chloroaniline-d4	10.722	131	600663	33.223	ng/ul	0.00
46) Dimethylphthalate-d6	13.845	166	1297559	34.437	ng/ul	0.00
49) Acenaphthylene-d8	14.122	160	1545378	35.366	ng/ul	0.00
54) 4-Nitrophenol-d4	14.651	143	261696	34.660	ng/ul	0.02
60) Fluorene-d10	15.422	176	1064954	34.155	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.545	200	243261	39.148	ng/ul	0.00
73) Anthracene-d10	17.269	188	1632647	34.873	ng/ul	0.00
81) Pyrene-d10	19.563	212	1832066	36.734	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.527	264	1473264	36.552	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.293	88	47322	11.953	ng/uL#	95
5) Pyridine	3.693	79	332365	30.930	ng/ul	94
6) Benzaldehyde	6.940	77	299429	47.281	ng/ul	93
8) Phenol	7.005	94	499818	34.923	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.222	93	372083	33.217	ng/ul	97
12) 2-Chlorophenol	7.369	128	397106	34.788	ng/ul	98
13) 2-Methylphenol	8.252	108	387435	35.213	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.334	45	579796	33.008	ng/ul	98
16) Acetophenone	8.616	105	603739	34.141	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.610	70	309752	34.289	ng/ul	93
18) 4-Methylphenol	8.581	108	432502	35.616	ng/ul	100
19) Hexachloroethane	8.875	117	149184	32.480	ng/ul	89
22) Nitrobenzene	8.993	77	449554	32.175	ng/ul	93
23) Isophorone	9.522	82	891873	32.329	ng/ul	99
25) 2-Nitrophenol	9.705	139	243461	34.451	ng/ul	98
26) 2,4-Dimethylphenol	9.775	107	471607	32.212	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.005	93	545724	32.325	ng/ul	99
29) 2,4-Dichlorophenol	10.246	162	403105	34.905	ng/ul	98
30) Naphthalene	10.640	128	1306111	31.816	ng/ul	100
32) 4-Chloroaniline	10.746	127	563368	31.153	ng/ul	97
33) Hexachlorobutadiene	10.934	225	210843	31.799	ng/ul	98
34) Caprolactam	11.528	113	150936m	33.468	ng/ul	
35) 4-Chloro-3-methylphenol	11.893	107	488901	35.852	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.251	142	905265	32.618	ng/ul	98
37) 1-Methylnaphthalene	12.469	142	927915	32.763	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.622	216	417841	31.637	ng/ul	98
40) Hexachlorocyclopentadiene	12.610	237	221903	27.620	ng/ul	99
41) 2,4,6-Trichlorophenol	12.869	196	315994	34.698	ng/ul	95
42) 2,4,5-Trichlorophenol	12.946	196	345900	34.295	ng/ul	95
43) 1,1'-Biphenyl	13.263	154	1229214	32.056	ng/ul	99
44) 2-Chloronaphthalene	13.304	162	938500	32.262	ng/ul	96
45) 2-Nitroaniline	13.510	65	321037	35.474	ng/ul	96
47) Dimethylphthalate	13.893	163	1222997	32.242	ng/ul	99
48) 2,6-Dinitrotoluene	14.010	165	263868	35.579	ng/ul	92
50) Acenaphthylene	14.151	152	1555632	32.155	ng/ul	99
51) 3-Nitroaniline	14.334	138	289355	36.906	ng/ul	97
52) Acenaphthene	14.493	153	1013416	32.069	ng/ul	99
53) 2,4-Dinitrophenol	14.540	184	168400	35.466	ng/ul	95
55) 4-Nitrophenol	14.663	109	204262	31.693	ng/ul	98
56) Dibenzofuran	14.828	168	1428994	32.097	ng/ul	100
57) 2,4-Dinitrotoluene	14.793	165	379012	34.515	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.057	232	270351	34.146	ng/ul	90
59) Diethylphthalate	15.257	149	1276939	32.698	ng/ul	97
61) Fluorene	15.475	166	1100716	31.773	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.469	204	509093	31.910	ng/ul	91
63) 4-Nitroaniline	15.498	138	297680	40.631	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.557	198	221494	35.158	ng/ul	92
67) N-Nitrosodiphenylamine	15.687	169	1020832	33.194	ng/ul	99
68) 4-Bromophenyl-phenylether	16.363	248	307294	32.894	ng/ul#	88
69) Hexachlorobenzene	16.487	284	351712	32.753	ng/ul	95
70) Atrazine	16.639	200	360899	33.634	ng/ul	98
71) Pentachlorophenol	16.828	266	227748	34.052	ng/ul	98
72) Phenanthrene	17.210	178	1853718	32.745	ng/ul	99
74) Anthracene	17.304	178	1817826	31.934	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.228	216	452551	31.504	ng/uL	97
76) Pentachlorobenzene	14.751	250	416882	32.836	ng/uL	92
77) Carbazole	17.575	167	1765684	34.096	ng/ul	97
78) Di-n-butylphthalate	18.145	149	2206165	34.356	ng/ul	100
80) Fluoranthene	19.228	202	2116134	35.131	ng/ul	96
82) Pyrene	19.592	202	2082488	33.699	ng/ul	95
83) Butylbenzylphthalate	20.498	149	1029515	37.018	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.280	252	646719	36.805	ng/ul	95
85) Benzo(a)anthracene	21.345	228	1897498	32.663	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.280	149	1461283	37.239	ng/ul#	97
87) Chrysene	21.398	228	1911210	33.628	ng/ul	98
89) Di-n-octyl phthalate	22.180	149	2683609	40.025	ng/ul	100
90) Benzo(b)fluoranthene	22.974	252	1855744	35.893	ng/ul#	95
91) Benzo(k)fluoranthene	23.021	252	1694510	34.429	ng/ul	97
93) Benzo(a)pyrene	23.574	252	1712098	34.210	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	26.057	276	1641450	31.878	ng/ul#	93
95) Dibenzo(a,h)anthracene	26.068	278	1431982	32.559	ng/ul	97
96) Benzo(g,h,i)perylene	26.780	276	1421073	32.681	ng/ul	95

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

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