Quantitation Report (Qedit)

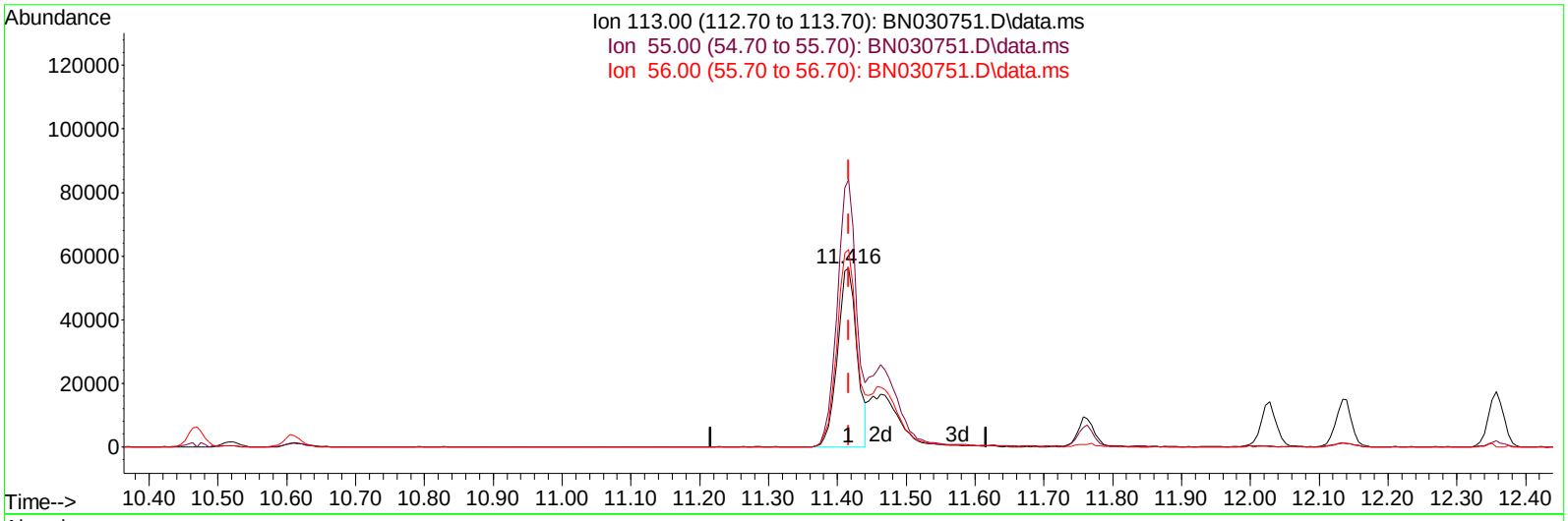
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040724\
Data File : BN030751.D
Acq On : 07 Apr 2024 21:18
Operator : MA/JU
Sample : PB160077BS
Misc :
ALS Vial : 15 Sample Multiplier: 1

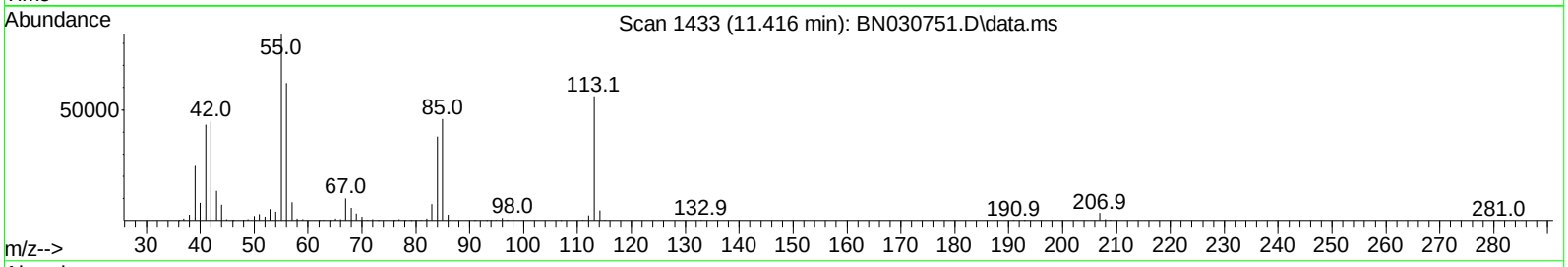
Quant Time: Apr 08 02:29:53 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN032824.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Mar 31 12:24:07 2024
Response via : Initial Calibration

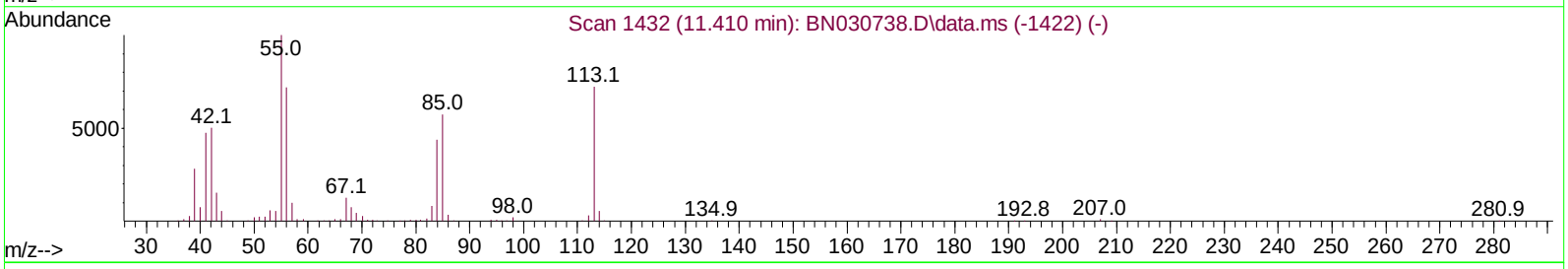
Instrument :
BNA_N
ClientSampleId :
SLCS077

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 04/08/2024
Supervised By :mohammad ahmed 04/09/2024







TIC: BN030751.D\data.ms

(34) Caprolactam

11.416min (-0.000) 21.79 ng/ul

response 109832

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	155.90	149.67
56.00	113.20	110.61
0.00	0.00	0.00

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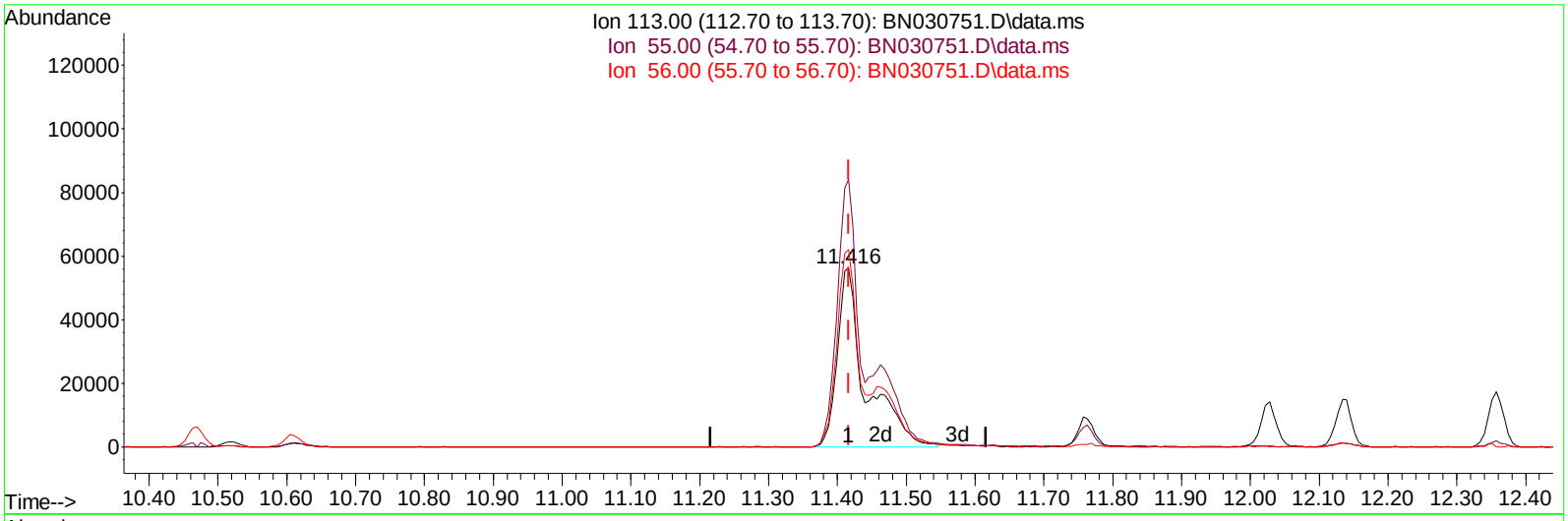

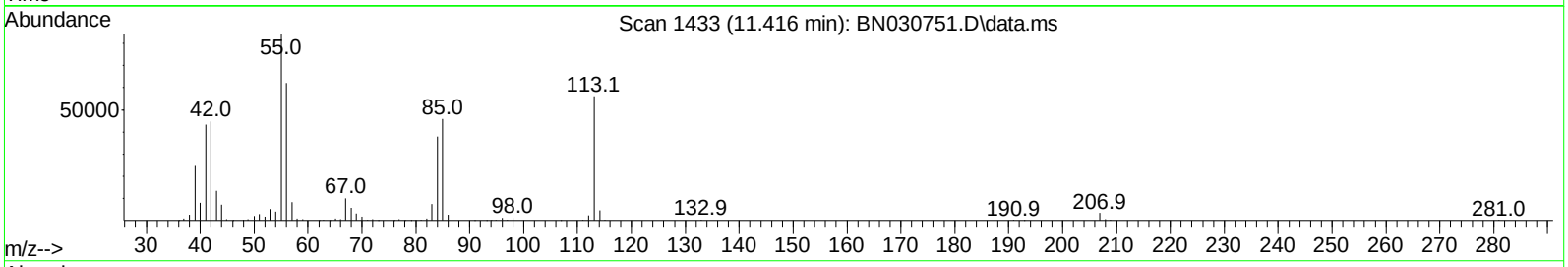

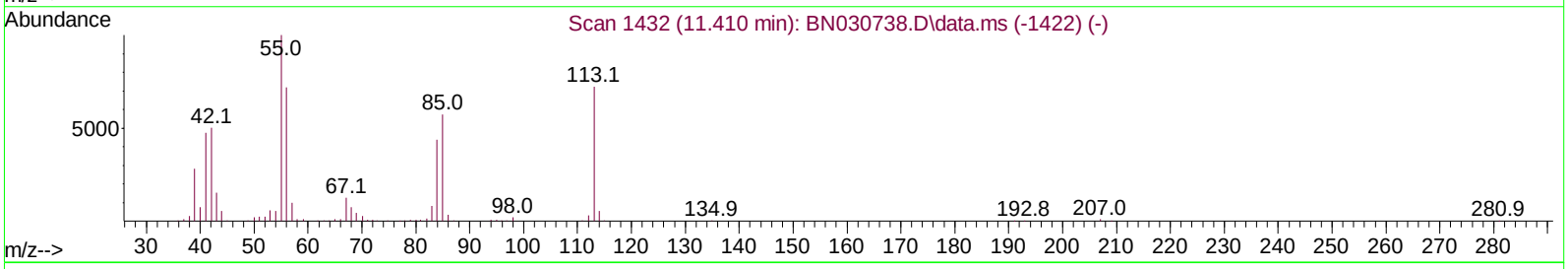

TIC: BN030751.D\data.ms

(34) Caprolactam

11.416min (-0.000) 31.66 ng/ul m

response 159580

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	155.90	149.67
56.00	113.20	110.61
0.00	0.00	0.00

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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.687	152	202956	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.469	136	951344	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.328	164	671790	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.075	188	1441921	20.000	ng/ul	-0.01
79) Chrysene-d12	21.316	240	1392447	20.000	ng/ul	-0.01
88) Perylene-d12	24.251	264	1593135	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.187	96	30667	7.084	ng/uL	-0.01
4) Pyridine-d5	3.593	84	368113	28.362	ng/ul	0.00
7) Phenol-d5	6.858	99	521506	31.764	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.028	67	307781	30.351	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.216	132	423771	34.025	ng/ul	-0.01
15) 4-Methylphenol-d8	8.393	113	437400	31.788	ng/ul	0.00
21) Nitrobenzene-d5	8.840	128	219037	33.190	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.558	143	226980	37.597	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.087	165	443822	33.580	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.610	131	592105	27.212	ng/ul	-0.01
46) Dimethylphthalate-d6	13.746	166	1474913	32.884	ng/ul	-0.01
49) Acenaphthylene-d8	14.022	160	1672871	32.439	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.540	143	289696	33.767	ng/ul	0.00
60) Fluorene-d10	15.328	176	1243392	31.679	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.445	200	220843	34.699	ng/ul	0.00
73) Anthracene-d10	17.175	188	1975474	31.797	ng/ul	-0.01
81) Pyrene-d10	19.475	212	2354656	31.453	ng/ul	-0.01
92) Benzo(a)pyrene-d12	24.051	264	2444273	33.297	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.223	88	43565	9.395	ng/uL	96
5) Pyridine	3.611	79	363377	27.746	ng/ul	93
6) Benzaldehyde	6.834	77	275989	36.097	ng/ul	99
8) Phenol	6.881	94	527868	30.863	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.116	93	401559	28.791	ng/ul	99
12) 2-Chlorophenol	7.252	128	417508	31.249	ng/ul	97
13) 2-Methylphenol	8.128	108	399259	30.293	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.205	45	536150	27.300	ng/ul	98
16) Acetophenone	8.505	105	650856	29.958	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.493	70	324656	29.670	ng/ul	97
18) 4-Methylphenol	8.458	108	449602	30.472	ng/ul	97
19) Hexachloroethane	8.752	117	164869	29.433	ng/ul	100
22) Nitrobenzene	8.881	77	478898	29.727	ng/ul	99
23) Isophorone	9.405	82	948531	29.523	ng/ul	100
25) 2-Nitrophenol	9.587	139	245716	34.631	ng/ul	98
26) 2,4-Dimethylphenol	9.652	107	449608	28.510	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.893	93	586798	28.726	ng/ul	99
29) 2,4-Dichlorophenol	10.116	162	429886	31.865	ng/ul	98
30) Naphthalene	10.516	128	1430837	29.325	ng/ul	99
32) 4-Chloroaniline	10.634	127	553920	26.415	ng/ul	100
33) Hexachlorobutadiene	10.799	225	247872	29.190	ng/ul	95
34) Caprolactam	11.416	113	159580m	31.664	ng/ul	
35) 4-Chloro-3-methylphenol	11.763	107	494700	32.558	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.134	142	1024134	30.055	ng/ul	99
37) 1-Methylnaphthalene	12.357	142	1042043	30.125	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.504	216	523840	30.215	ng/ul	97
40) Hexachlorocyclopentadiene	12.481	237	233670	23.733	ng/ul	97
41) 2,4,6-Trichlorophenol	12.751	196	360047	33.234	ng/ul	99
42) 2,4,5-Trichlorophenol	12.822	196	393397	32.154	ng/ul	97
43) 1,1'-Biphenyl	13.157	154	1346912	29.415	ng/ul	98
44) 2-Chloronaphthalene	13.198	162	1062696	29.482	ng/ul	97
45) 2-Nitroaniline	13.410	65	317479	33.096	ng/ul	99
47) Dimethylphthalate	13.793	163	1376211	29.703	ng/ul	99
48) 2,6-Dinitrotoluene	13.910	165	283849	33.043	ng/ul	96
50) Acenaphthylene	14.051	152	1787933	30.006	ng/ul	98
51) 3-Nitroaniline	14.240	138	287917	31.577	ng/ul	99
52) Acenaphthene	14.393	153	1141262	28.742	ng/ul	94
53) 2,4-Dinitrophenol	14.445	184	130042	32.959	ng/ul	98
55) 4-Nitrophenol	14.551	109	218488	32.144	ng/ul	99
56) Dibenzofuran	14.728	168	1628543	29.505	ng/ul	99
57) 2,4-Dinitrotoluene	14.698	165	429657	34.258	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	14.957	232	340389	33.499	ng/ul	100
59) Diethylphthalate	15.163	149	1442999	30.657	ng/ul	99
61) Fluorene	15.381	166	1306532	29.780	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.381	204	610585	28.367	ng/ul	93
63) 4-Nitroaniline	15.410	138	320139	36.116	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.463	198	230078	33.644	ng/ul	95
67) N-Nitrosodiphenylamine	15.592	169	1197015	30.483	ng/ul	98
68) 4-Bromophenyl-phenylether	16.275	248	405446	29.612	ng/ul	95
69) Hexachlorobenzene	16.375	284	468360	29.049	ng/ul	96
70) Atrazine	16.551	200	433131	31.823	ng/ul	96
71) Pentachlorophenol	16.722	266	307592	32.357	ng/ul	96
72) Phenanthrene	17.122	178	2199741	29.693	ng/ul	97
74) Anthracene	17.210	178	2228776	29.760	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.116	216	534469	30.171	ng/uL	98
76) Pentachlorobenzene	14.645	250	532165	29.576	ng/uL	95
77) Carbazole	17.486	167	2140377	32.590	ng/ul	100
78) Di-n-butylphthalate	18.051	149	2567041	32.039	ng/ul	99
80) Fluoranthene	19.139	202	2702452	30.367	ng/ul	99
82) Pyrene	19.504	202	2783130	29.612	ng/ul	99
83) Butylbenzylphthalate	20.416	149	1242513	34.618	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.227	252	804737	31.453	ng/ul	98
85) Benzo(a)anthracene	21.298	228	2807665	30.213	ng/ul	96
86) Bis(2-ethylhexyl)phtha...	21.227	149	1732686	32.735	ng/ul	97
87) Chrysene	21.363	228	2742589	31.267	ng/ul	98
89) Di-n-octyl phthalate	22.345	149	3225605	31.972	ng/ul	100
90) Benzo(b)fluoranthene	23.327	252	2822869	30.108	ng/ul	99
91) Benzo(k)fluoranthene	23.386	252	2854344	29.977	ng/ul	97
93) Benzo(a)pyrene	24.121	252	2432805	27.468	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	27.557	276	3104333	32.424	ng/ul	99
95) Dibenzo(a,h)anthracene	27.621	278	2556074	31.713	ng/ul	96
96) Benzo(g,h,i)perylene	28.592	276	2329046	30.987	ng/ul	97

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

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