Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041023\
Data File : BP014665.D
Acq On : 11 Apr 2023 20:17
Operator : CG/JU
Sample : PB152027BS
Misc :
ALS Vial : 41 Sample Multiplier: 1

Quant Time: Apr 11 23:03:42 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP032823.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Apr 11 01:21:43 2023
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SLCS027

Manual IntegrationsAPPROVED

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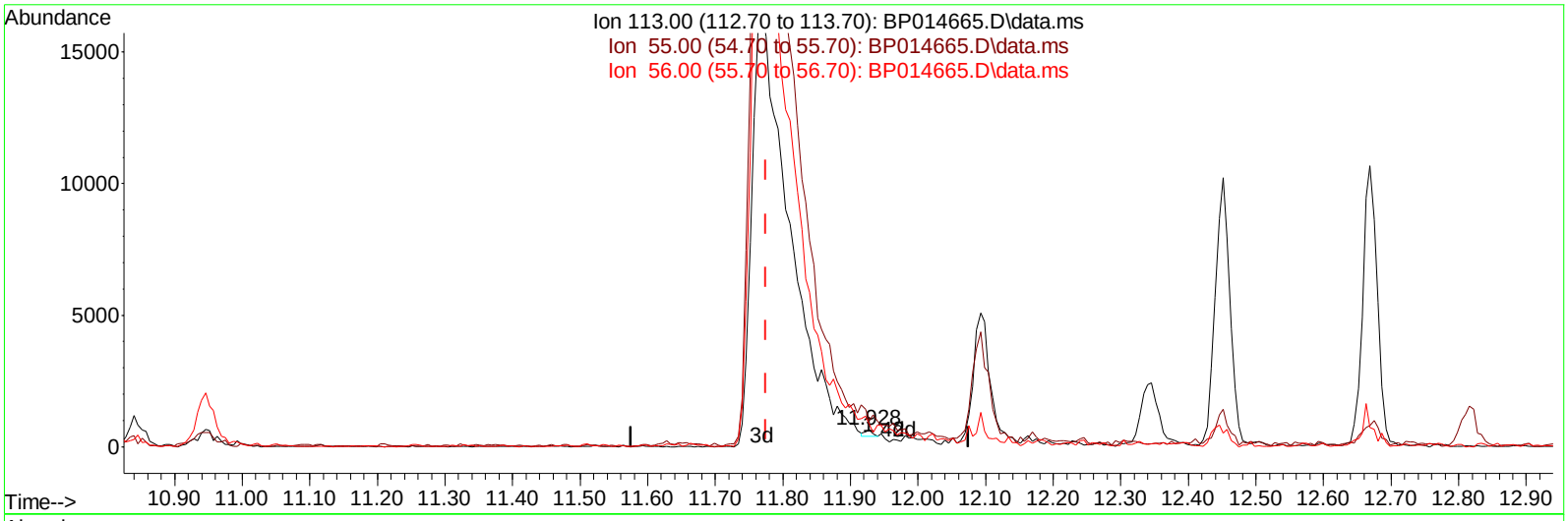
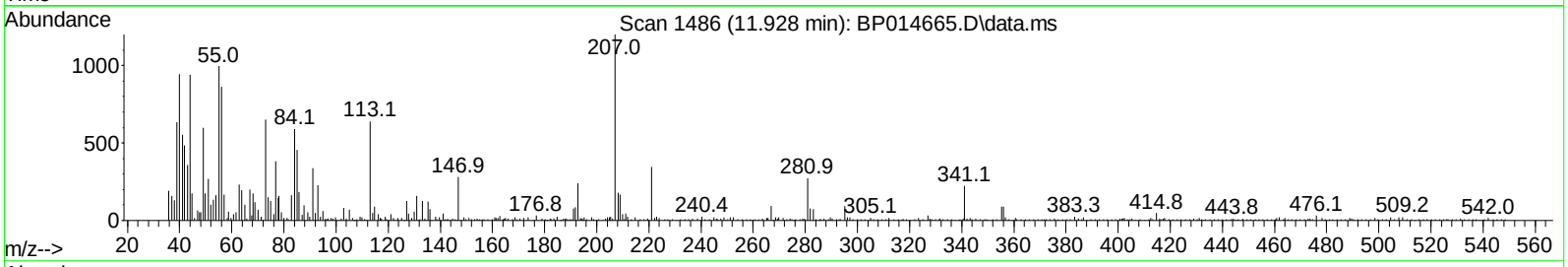
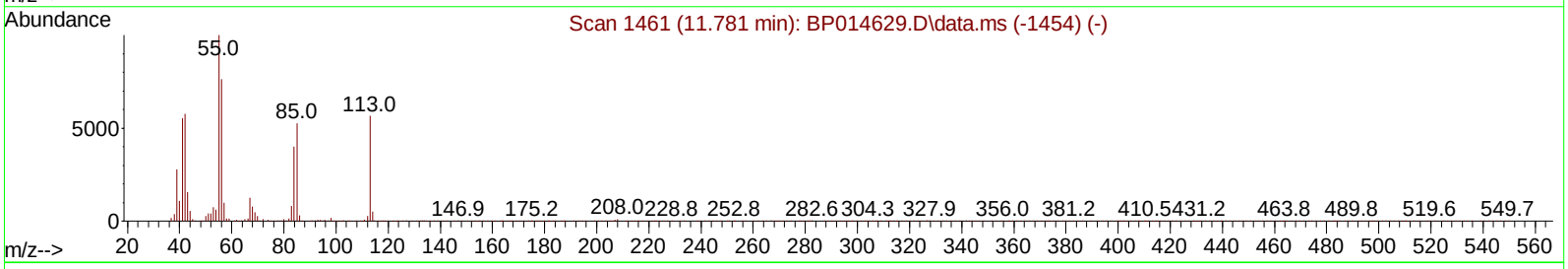
Supervised By :Jagrut Upadhyay 04/12/2023







TIC: BP014665.D\data.ms

(34) Caprolactam

11.928min (+ 0.153) 0.08 ng/ul

response 187

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	164.00	155.47
56.00	126.40	134.53
0.00	0.00	0.00

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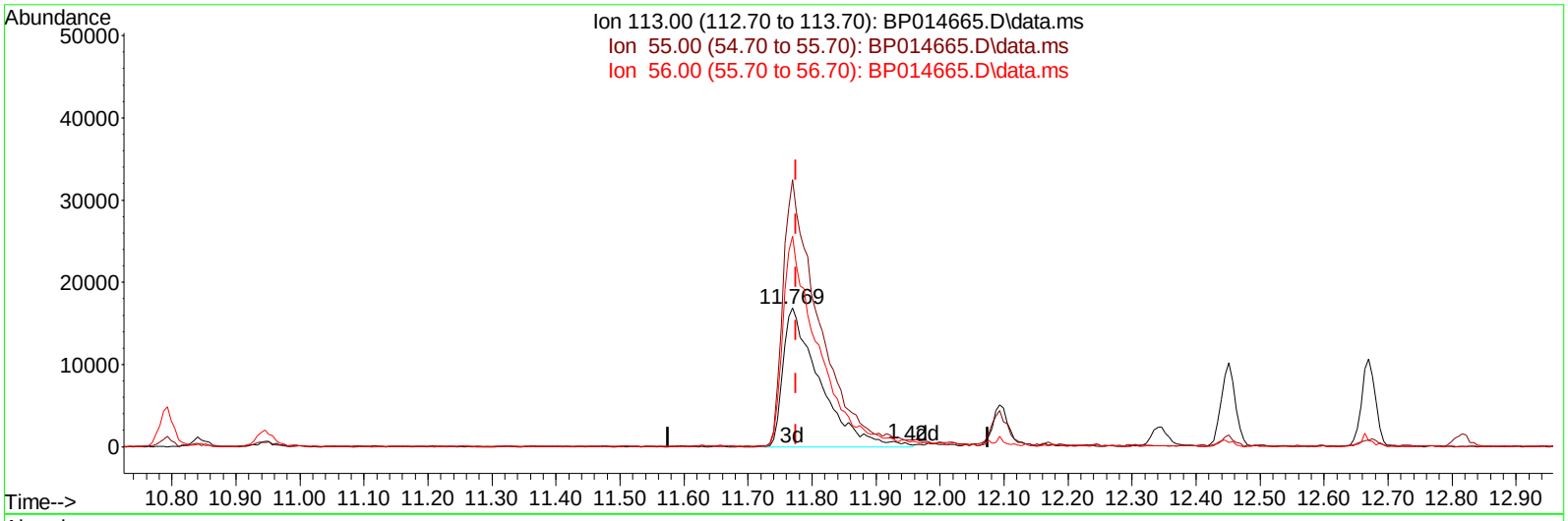

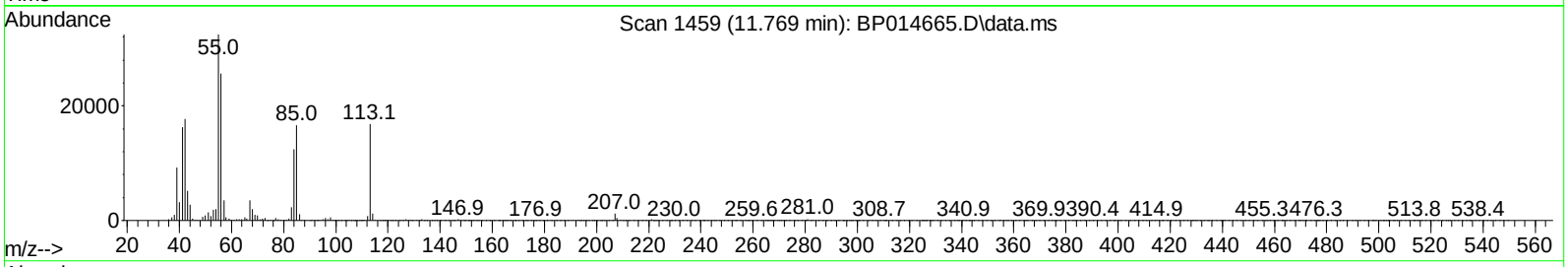

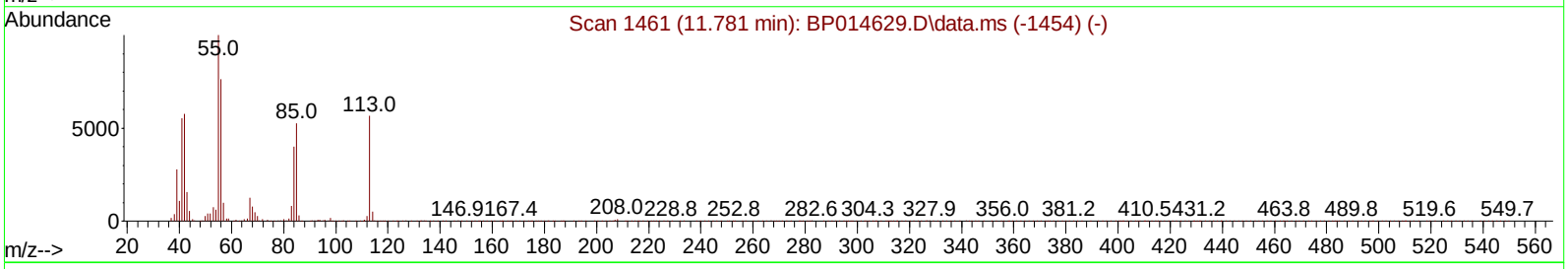

TIC: BP014665.D\data.ms

(34) Caprolactam

11.769min (-0.006) 29.01 ng/ul m

response 67267

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	164.00	192.41
56.00	126.40	151.92#
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	7.975	152	116700	20.000	ng/ul	0.00
20) Naphthalene-d8	10.793	136	473730	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.628	164	279088	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.392	188	570298	20.000	ng/ul	0.00
79) Chrysene-d12	21.480	240	592645	20.000	ng/ul	0.00
88) Perylene-d12	23.986	264	652711	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.358	96	19808	6.582	ng/uL	0.00
4) Pyridine-d5	3.787	84	247827	32.136	ng/ul	0.00
7) Phenol-d5	7.140	99	322427	29.958	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.305	67	222204	32.178	ng/ul	0.00
11) 2-Chlorophenol-d4	7.505	132	243968	31.363	ng/ul	0.00
15) 4-Methylphenol-d8	8.693	113	246969	28.448	ng/ul	0.00
21) Nitrobenzene-d5	9.152	128	116351	30.424	ng/ul	0.00
24) 2-Nitrophenol-d4	9.875	143	132366	30.226	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.416	165	237633	29.796	ng/ul	0.00
31) 4-Chloroaniline-d4	10.946	131	235881	22.454	ng/ul	0.00
46) Dimethylphthalate-d6	14.034	166	678976	30.005	ng/ul	0.00
49) Acenaphthylene-d8	14.322	160	775935	30.902	ng/ul	0.00
54) 4-Nitrophenol-d4	14.851	143	96918	28.350	ng/ul	0.00
60) Fluorene-d10	15.622	176	561988	29.781	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.757	200	123080	29.330	ng/ul	0.00
73) Anthracene-d10	17.492	188	858703	31.113	ng/ul	0.00
81) Pyrene-d10	19.722	212	1036983	26.050	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.821	264	1133779	32.694	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.393	88	42687	12.908	ng/uL	92
5) Pyridine	3.811	79	249550	30.922	ng/ul	97
6) Benzaldehyde	7.116	77	100437	18.775	ng/ul	97
8) Phenol	7.169	94	338201	30.292	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.393	93	275247	30.678	ng/ul	95
12) 2-Chlorophenol	7.534	128	253697	31.334	ng/ul	92
13) 2-Methylphenol	8.428	108	242947	29.178	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.499	45	403523	34.255	ng/ul	98
16) Acetophenone	8.810	105	415988	29.018	ng/ul	95
17) N-Nitroso-di-n-propyla...	8.787	70	234366	30.262	ng/ul	93
18) 4-Methylphenol	8.757	108	265366	29.020	ng/ul	98
19) Hexachloroethane	9.052	117	118478	33.491	ng/ul	93
22) Nitrobenzene	9.193	77	355283	32.338	ng/ul	97
23) Isophorone	9.716	82	604825	29.865	ng/ul	98
25) 2-Nitrophenol	9.910	139	138291	29.919	ng/ul	94
26) 2,4-Dimethylphenol	9.963	107	308908	29.859	ng/ul	100
27) Bis(2-Chloroethoxy)met...	10.199	93	364987	30.060	ng/ul	100
29) 2,4-Dichlorophenol	10.446	162	233200	29.712	ng/ul	96
30) Naphthalene	10.846	128	805167	30.513	ng/ul	98
32) 4-Chloroaniline	10.969	127	144039	13.537	ng/ul	100
33) Hexachlorobutadiene	11.116	225	185675	29.861	ng/ul	98
34) Caprolactam	11.769	113	67267m	29.011	ng/ul	
35) 4-Chloro-3-methylphenol	12.093	107	273321	28.312	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.451	142	519923	29.074	ng/ul	100
37) 1-Methylnaphthalene	12.669	142	529518	29.856	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.816	216	305587	30.711	ng/ul	98
40) Hexachlorocyclopentadiene	12.787	237	174605	27.096	ng/ul	98
41) 2,4,6-Trichlorophenol	13.063	196	185360	30.103	ng/ul	100
42) 2,4,5-Trichlorophenol	13.145	196	198858	30.336	ng/ul	97
43) 1,1'-Biphenyl	13.457	154	691029	30.647	ng/ul	99
44) 2-Chloronaphthalene	13.504	162	546882	30.675	ng/ul	99
45) 2-Nitroaniline	13.722	65	183005	33.146	ng/ul	94
47) Dimethylphthalate	14.081	163	676521	29.901	ng/ul	99
48) 2,6-Dinitrotoluene	14.216	165	136032	30.773	ng/ul	95
50) Acenaphthylene	14.351	152	828805	30.994	ng/ul	100
51) 3-Nitroaniline	14.551	138	112837	28.493	ng/ul	89
52) Acenaphthene	14.692	153	583319	30.869	ng/ul	98
53) 2,4-Dinitrophenol	14.763	184	76264	26.642	ng/ul#	87
55) 4-Nitrophenol	14.863	109	98635	29.234	ng/ul	92
56) Dibenzofuran	15.028	168	796500	29.984	ng/ul	98
57) 2,4-Dinitrotoluene	15.004	165	196264	31.301	ng/ul	89
58) 2,3,4,6-Tetrachlorophenol	15.257	232	166096	28.192	ng/ul	94
59) Diethylphthalate	15.445	149	692461	30.798	ng/ul	99
61) Fluorene	15.681	166	653148	30.335	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.669	204	340063	29.397	ng/ul	99
63) 4-Nitroaniline	15.722	138	107894	33.532	ng/ul	92
66) 4,6-Dinitro-2-methylph...	15.769	198	121170	29.796	ng/ul	96
67) N-Nitrosodiphenylamine	15.887	169	539266	30.392	ng/ul	99
68) 4-Bromophenyl-phenylether	16.569	248	206026	29.032	ng/ul	99
69) Hexachlorobenzene	16.686	284	240980	29.563	ng/ul	97
70) Atrazine	16.851	200	29623	4.586	ng/ul	95
71) Pentachlorophenol	17.045	266	126220	26.728	ng/ul	96
72) Phenanthrene	17.433	178	997634	31.443	ng/ul	99
74) Anthracene	17.528	178	1010304	31.594	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.422	216	302577	30.141	ng/uL	97
76) Pentachlorobenzene	14.945	250	293363	29.287	ng/uL	97
77) Carbazole	17.804	167	867634	32.422	ng/ul	99
78) Di-n-butylphthalate	18.333	149	1150900	34.204	ng/ul	99
80) Fluoranthene	19.398	202	1218135	25.881	ng/ul	98
82) Pyrene	19.751	202	1283340	26.116	ng/ul	98
83) Butylbenzylphthalate	20.610	149	541941	32.017	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.398	252	376161	28.699	ng/ul	99
85) Benzo(a)anthracene	21.463	228	1353106	32.220	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.363	149	804922	34.776	ng/ul	100
87) Chrysene	21.522	228	1301697	32.826	ng/ul	100
89) Di-n-octyl phthalate	22.321	149	1420888	33.545	ng/ul	100
90) Benzo(b)fluoranthene	23.216	252	1397668	31.706	ng/ul	99
91) Benzo(k)fluoranthene	23.268	252	1401572	32.736	ng/ul	100
93) Benzo(a)pyrene	23.874	252	1243384	32.768	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	26.609	276	1658485	31.770	ng/ul	98
95) Dibenzo(a,h)anthracene	26.621	278	1366304	31.260	ng/ul	99
96) Benzo(g,h,i)perylene	27.409	276	1339343	31.475	ng/ul	97

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

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