Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040523\
Data File : BP014587.D
Acq On : 06 Apr 2023 08:51
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 38 Sample Multiplier: 1

Quant Time: Apr 06 09:16:01 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP032823.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Apr 06 00:55:13 2023
Response via : Initial Calibration

Instrument :
BNA_P
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

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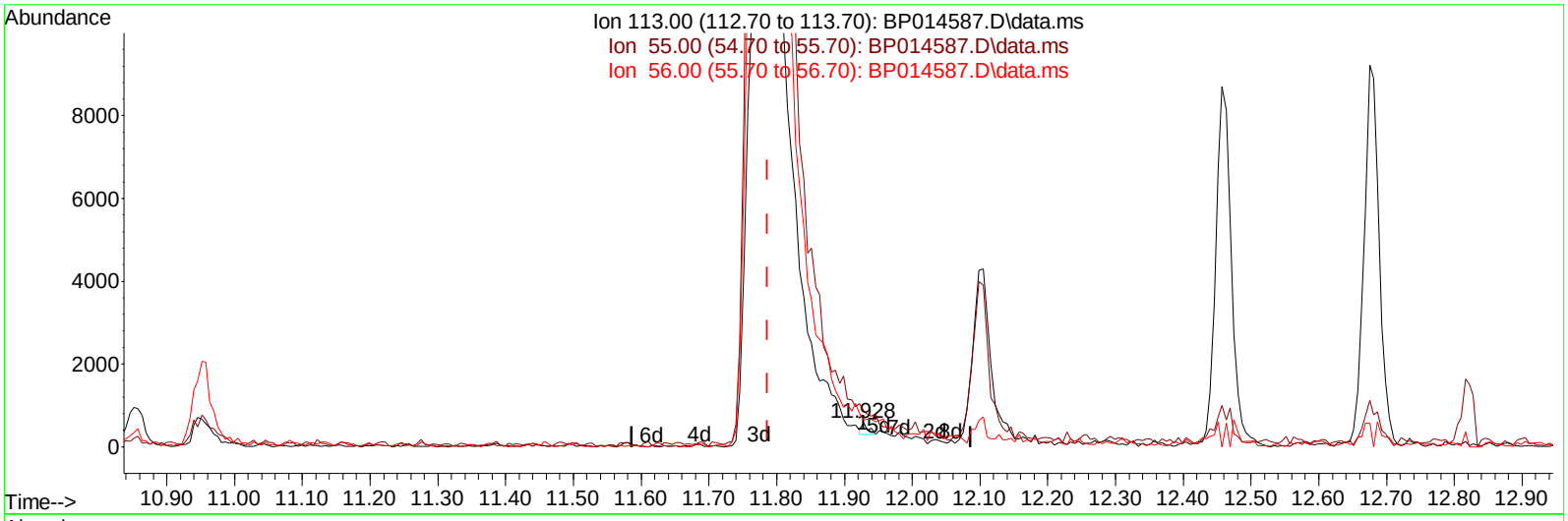
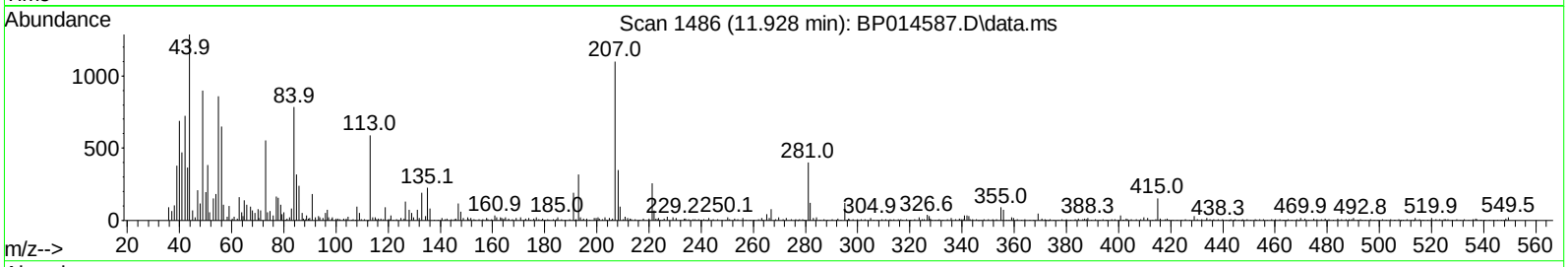
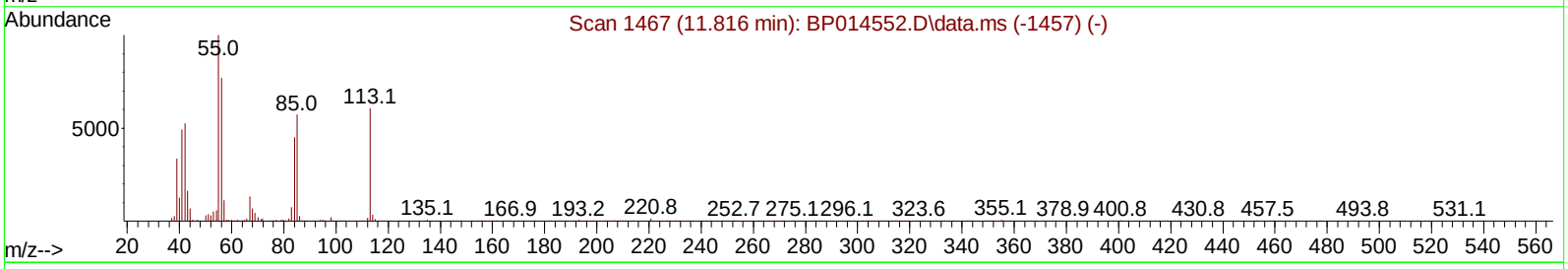
Supervised By :Jagrut Upadhyay 04/06/2023







TIC: BP014587.D\data.ms

(34) Caprolactam

11.928min (+ 0.141) 0.06 ng/ul

response 185

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	164.00	145.25
56.00	126.40	110.34
0.00	0.00	0.00

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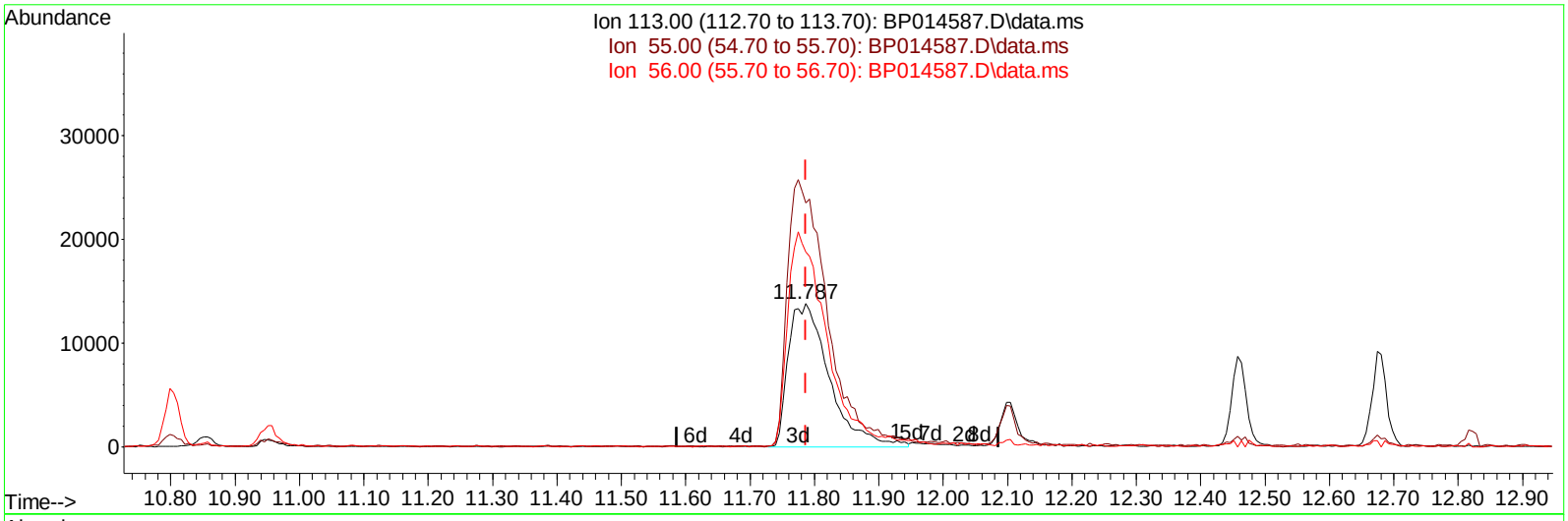

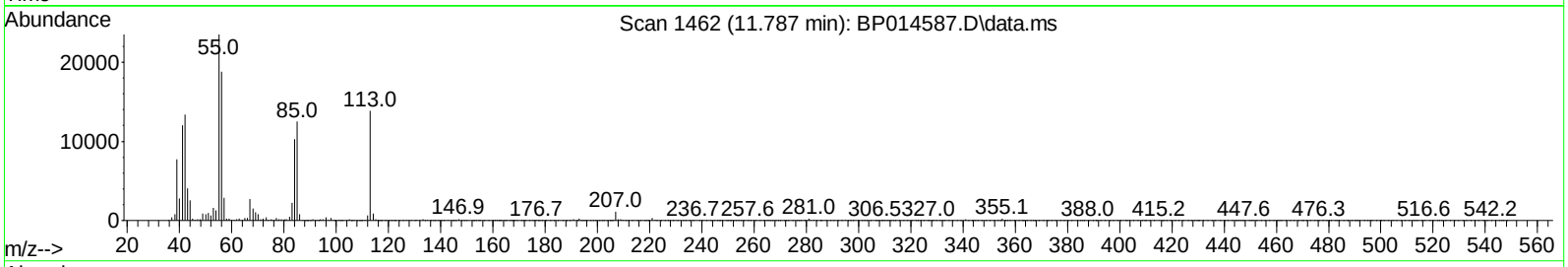

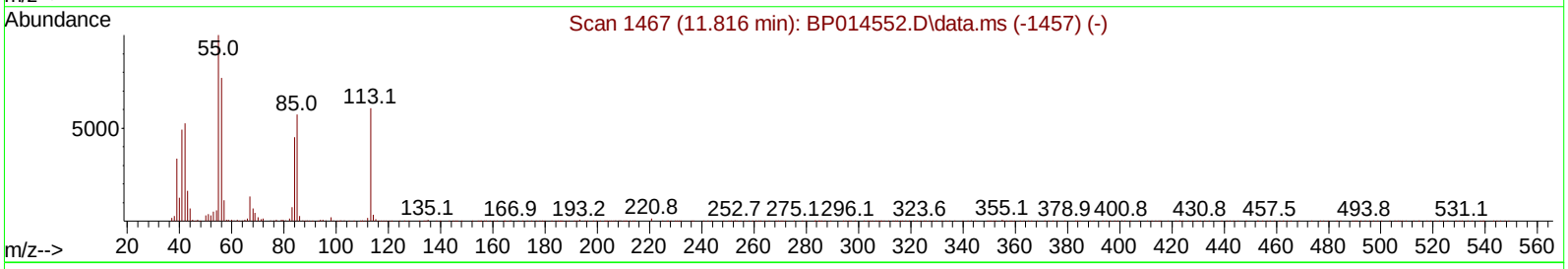

TIC: BP014587.D\data.ms

(34) Caprolactam

11.787min (+ 0.000) 20.69 ng/ul m

response 60949

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	164.00	169.84
56.00	126.40	135.67
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	7.981	152	145888	20.000	ng/ul	0.00
20) Naphthalene-d8	10.804	136	601948	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.634	164	369662	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.398	188	781899	20.000	ng/ul	0.00
79) Chrysene-d12	21.486	240	779370	20.000	ng/ul	0.00
88) Perylene-d12	23.986	264	877682	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.364	96	34094	9.063	ng/uL	0.00
4) Pyridine-d5	3.793	84	224024	23.237	ng/ul	0.00
7) Phenol-d5	7.152	99	276725	20.567	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.311	67	192143	22.258	ng/ul	0.00
11) 2-Chlorophenol-d4	7.511	132	209259	21.519	ng/ul	0.00
15) 4-Methylphenol-d8	8.705	113	213712	19.692	ng/ul	0.00
21) Nitrobenzene-d5	9.158	128	102084	21.007	ng/ul	0.00
24) 2-Nitrophenol-d4	9.887	143	114948	20.658	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.428	165	208660	20.590	ng/ul	0.00
31) 4-Chloroaniline-d4	10.952	131	267600	20.047	ng/ul	0.00
46) Dimethylphthalate-d6	14.040	166	619327	20.663	ng/ul	0.00
49) Acenaphthylene-d8	14.328	160	705717	21.219	ng/ul	0.00
54) 4-Nitrophenol-d4	14.857	143	80109	17.692	ng/ul	0.00
60) Fluorene-d10	15.634	176	510114	20.408	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.763	200	105540	18.344	ng/ul	0.00
73) Anthracene-d10	17.498	188	785467	20.757	ng/ul	0.00
81) Pyrene-d10	19.728	212	910341	17.389	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.821	264	989987	21.230	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.399	88	35764	8.651	ng/uL	96
5) Pyridine	3.817	79	232321	23.028	ng/ul	97
6) Benzaldehyde	7.122	77	178106	26.632	ng/ul	98
8) Phenol	7.175	94	290710	20.829	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.405	93	239832	21.383	ng/ul	98
12) 2-Chlorophenol	7.546	128	215359	21.277	ng/ul	92
13) 2-Methylphenol	8.434	108	205297	19.724	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.516	45	334076	22.686	ng/ul	99
16) Acetophenone	8.816	105	356010	19.865	ng/ul	94
17) N-Nitroso-di-n-propyla...	8.799	70	205121	21.187	ng/ul	93
18) 4-Methylphenol	8.769	108	226924	19.851	ng/ul	96
19) Hexachloroethane	9.063	117	102287	23.129	ng/ul	95
22) Nitrobenzene	9.205	77	307992	22.062	ng/ul	100
23) Isophorone	9.728	82	544622	21.164	ng/ul	99
25) 2-Nitrophenol	9.916	139	121307	20.654	ng/ul	92
26) 2,4-Dimethylphenol	9.975	107	278261	21.167	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.210	93	319545	20.712	ng/ul	98
29) 2,4-Dichlorophenol	10.457	162	208659	20.922	ng/ul	98
30) Naphthalene	10.852	128	705357	21.037	ng/ul	99
32) 4-Chloroaniline	10.975	127	274325	20.290	ng/ul	100
33) Hexachlorobutadiene	11.128	225	164283	20.793	ng/ul	98
34) Caprolactam	11.787	113	60949m	20.687	ng/ul	
35) 4-Chloro-3-methylphenol	12.099	107	242136	19.739	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.463	142	455008	20.024	ng/ul	100
37) 1-Methylnaphthalene	12.675	142	459167	20.375	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.828	216	277578	21.061	ng/ul	98
40) Hexachlorocyclopentadiene	12.793	237	159448	18.681	ng/ul	98
41) 2,4,6-Trichlorophenol	13.075	196	170513	20.907	ng/ul	99
42) 2,4,5-Trichlorophenol	13.151	196	181918	20.952	ng/ul	99
43) 1,1'-Biphenyl	13.469	154	628555	21.046	ng/ul	99
44) 2-Chloronaphthalene	13.510	162	493575	20.902	ng/ul	99
45) 2-Nitroaniline	13.728	65	159769	21.847	ng/ul	95
47) Dimethylphthalate	14.087	163	611703	20.412	ng/ul	99
48) 2,6-Dinitrotoluene	14.222	165	124421	21.250	ng/ul	95
50) Acenaphthylene	14.357	152	748056	21.120	ng/ul	99
51) 3-Nitroaniline	14.557	138	111642	21.284	ng/ul	96
52) Acenaphthene	14.698	153	526923	21.052	ng/ul	100
53) 2,4-Dinitrophenol	14.769	184	102541	27.044	ng/ul	87
55) 4-Nitrophenol	14.875	109	83782	18.748	ng/ul	94
56) Dibenzofuran	15.034	168	713443	20.277	ng/ul	98
57) 2,4-Dinitrotoluene	15.010	165	179000	21.553	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.269	232	157690	20.207	ng/ul#	99
59) Diethylphthalate	15.451	149	615610	20.672	ng/ul	99
61) Fluorene	15.687	166	584033	20.479	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.675	204	304798	19.893	ng/ul	98
63) 4-Nitroaniline	15.728	138	89981	21.113	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.775	198	105823	18.980	ng/ul	97
67) N-Nitrosodiphenylamine	15.898	169	490640	20.168	ng/ul	99
68) 4-Bromophenyl-phenylether	16.575	248	191935	19.727	ng/ul	97
69) Hexachlorobenzene	16.692	284	221723	19.839	ng/ul	98
70) Atrazine	16.851	200	185503	20.947	ng/ul	99
71) Pentachlorophenol	17.051	266	149138	23.035	ng/ul	96
72) Phenanthrene	17.439	178	900192	20.694	ng/ul	99
74) Anthracene	17.534	178	921034	21.008	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.434	216	275357	20.006	ng/uL	98
76) Pentachlorobenzene	14.951	250	269501	19.624	ng/uL	97
77) Carbazole	17.810	167	768099	20.935	ng/ul	100
78) Di-n-butylphthalate	18.334	149	1032265	22.376	ng/ul	100
80) Fluoranthene	19.404	202	1074055	17.352	ng/ul	99
82) Pyrene	19.757	202	1110966	17.192	ng/ul	100
83) Butylbenzylphthalate	20.616	149	476498	21.407	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.398	252	350286	20.322	ng/ul	98
85) Benzo(a)anthracene	21.469	228	1148942	20.803	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.363	149	704510	23.145	ng/ul	99
87) Chrysene	21.522	228	1089771	20.898	ng/ul	100
89) Di-n-octyl phthalate	22.322	149	1229067	21.579	ng/ul	100
90) Benzo(b)fluoranthene	23.216	252	1210012	20.413	ng/ul	99
91) Benzo(k)fluoranthene	23.269	252	1218030	21.157	ng/ul	99
93) Benzo(a)pyrene	23.874	252	1073035	21.030	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.610	276	1465720	20.880	ng/ul	99
95) Dibenzo(a,h)anthracene	26.621	278	1197584	20.377	ng/ul	99
96) Benzo(g,h,i)perylene	27.415	276	1178079	20.589	ng/ul	98

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

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