Quantitation Report (Qedit)

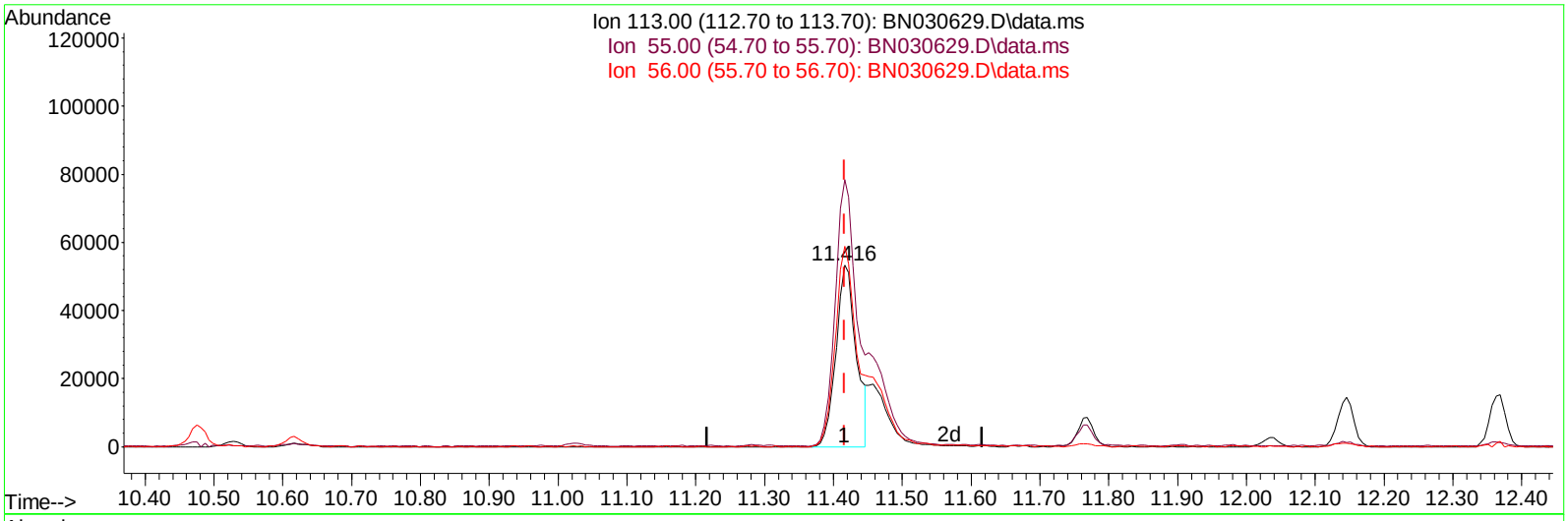
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040424\
Data File : BN030629.D
Acq On : 03 Apr 2024 15:30
Operator : MA/JU
Sample : P1933-07MSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

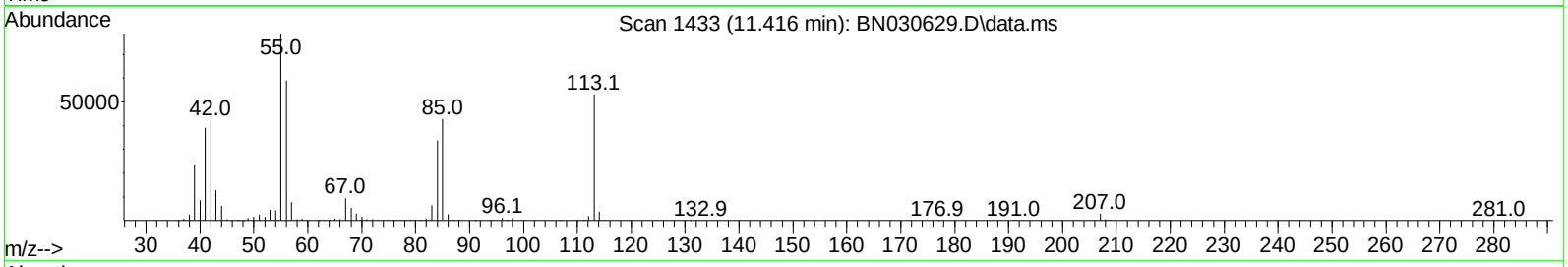
Quant Time: Apr 03 16:03:28 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN032824.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Mar 31 12:24:07 2024
Response via : Initial Calibration

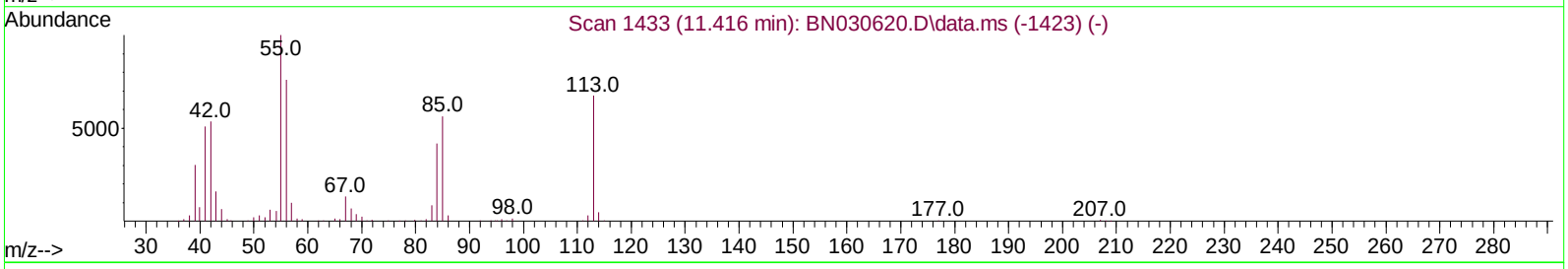
Instrument :
BNA_N
ClientSampleId :
EZZZ5MSD

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 04/03/2024
Supervised By :mohammad ahmed 04/06/2024







TIC: BN030629.D\data.ms

(34) Caprolactam

11.416min (-0.000) 21.02 ng/ul

response 108240

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	155.90	147.15
56.00	113.20	110.61
0.00	0.00	0.00

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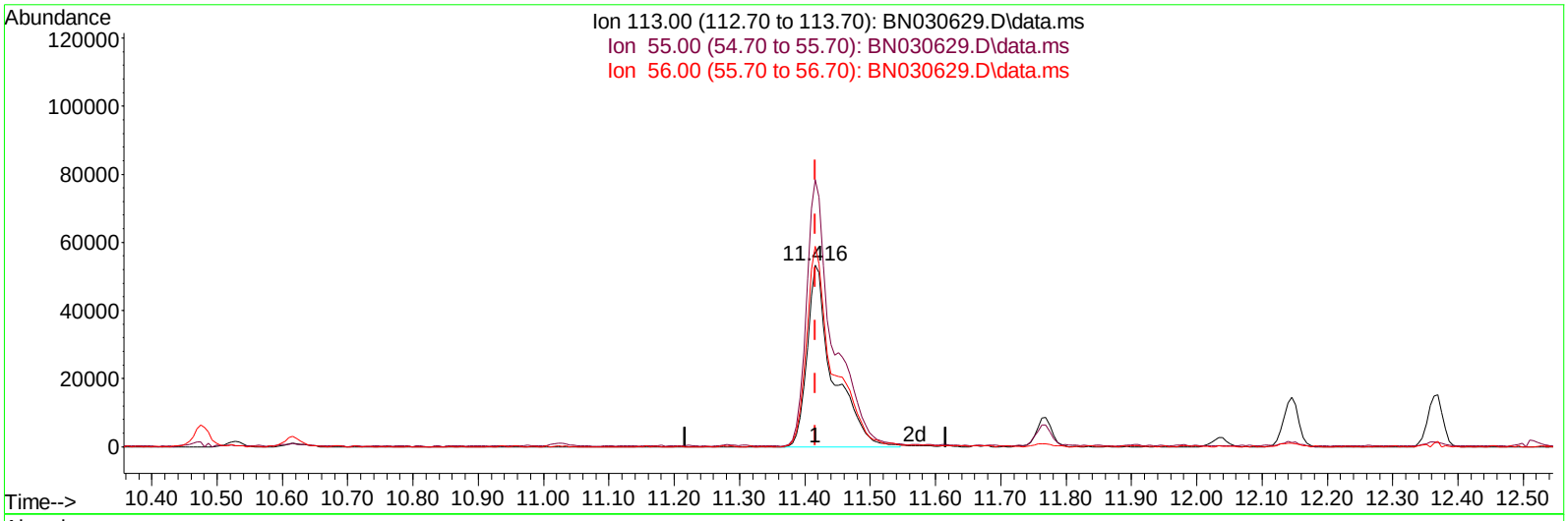

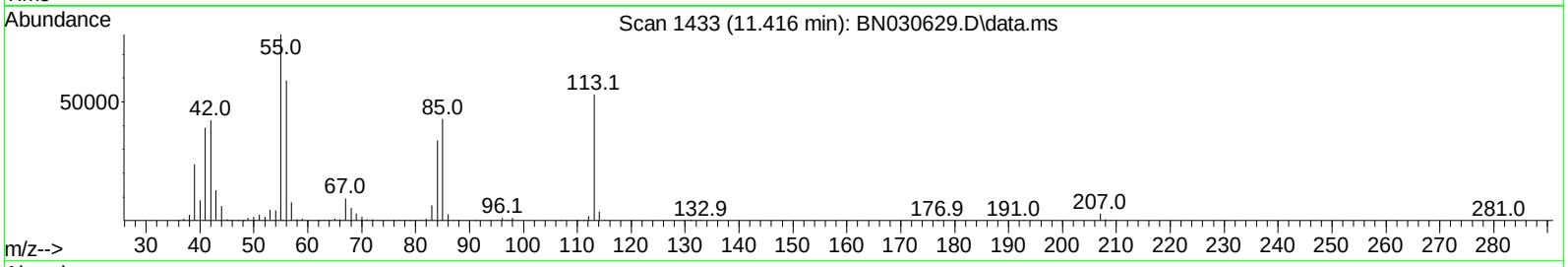

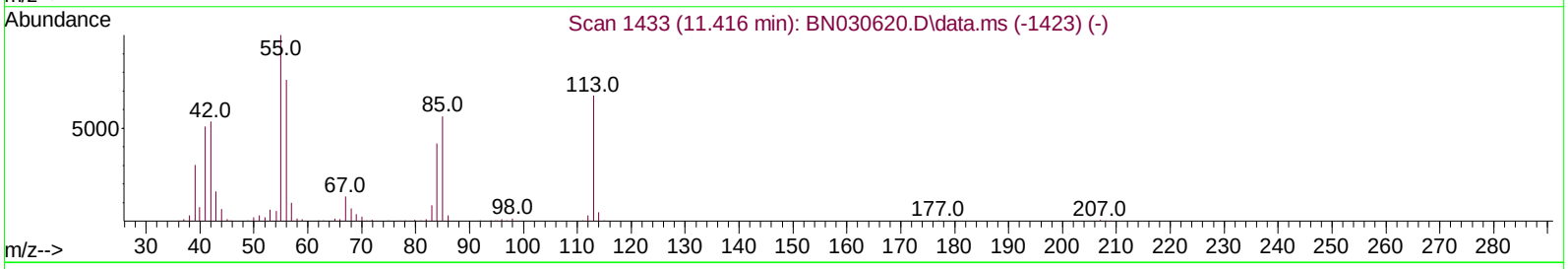

TIC: BN030629.D\data.ms

(34) Caprolactam

11.416min (-0.000) 28.44 ng/ul m

response 146461

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	155.90	147.15
56.00	113.20	110.61
0.00	0.00	0.00

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Operator : MA/JU
Sample : P1933-07MSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Apr 03 16:03:59 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN032824.MA.M
Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration

Instrument :
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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	7.693	152	218431	20.000	ng/ul	0.00
20) Naphthalene-d8	10.475	136	972099	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.334	164	641408	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.086	188	1330583	20.000	ng/ul	0.00
79) Chrysene-d12	21.327	240	1149297	20.000	ng/ul	0.00
88) Perylene-d12	24.268	264	1092863	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.193	96	21668	4.651	ng/uL	0.00
4) Pyridine-d5	3.599	84	253877	18.175	ng/ul	0.00
7) Phenol-d5	6.863	99	440076	24.905	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.034	67	268023	24.558	ng/ul	0.00
11) 2-Chlorophenol-d4	7.228	132	361281	26.952	ng/ul	0.00
15) 4-Methylphenol-d8	8.399	113	312471	21.100	ng/ul	0.00
21) Nitrobenzene-d5	8.846	128	183186	27.165	ng/ul	0.00
24) 2-Nitrophenol-d4	9.563	143	189608	30.736	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.099	165	370252	27.415	ng/ul	0.00
31) 4-Chloroaniline-d4	10.616	131	460119	20.695	ng/ul	0.00
46) Dimethylphthalate-d6	13.751	166	1147547	26.797	ng/ul	0.00
49) Acenaphthylene-d8	14.028	160	1346836	27.354	ng/ul	0.00
54) 4-Nitrophenol-d4	14.539	143	203984	24.902	ng/ul	0.00
60) Fluorene-d10	15.334	176	999540	26.673	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.451	200	146150	24.885	ng/ul	0.00
73) Anthracene-d10	17.181	188	1511906	26.372	ng/ul	0.00
81) Pyrene-d10	19.486	212	1848043	29.908	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.068	264	1527827	30.340	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.228	88	51812	10.382	ng/uL	98
5) Pyridine	3.617	79	308514	21.888	ng/ul	98
6) Benzaldehyde	6.840	77	277610	33.737	ng/ul	98
8) Phenol	6.887	94	519397	28.216	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.128	93	422838	28.169	ng/ul	99
12) 2-Chlorophenol	7.258	128	421604	29.320	ng/ul	97
13) 2-Methylphenol	8.134	108	350014	24.676	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.216	45	558034	26.401	ng/ul	98
16) Acetophenone	8.516	105	659162	28.191	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.499	70	320844	27.245	ng/ul	99
18) 4-Methylphenol	8.457	108	396662	24.980	ng/ul	98
19) Hexachloroethane	8.763	117	174834	29.000	ng/ul	99
22) Nitrobenzene	8.893	77	479447	29.125	ng/ul	98
23) Isophorone	9.416	82	962690	29.324	ng/ul	99
25) 2-Nitrophenol	9.599	139	236767	32.657	ng/ul	96
26) 2,4-Dimethylphenol	9.657	107	121687	7.552	ng/ul	98
27) Bis(2-Chloroethoxy)met...	9.899	93	583365	27.949	ng/ul	100
29) 2,4-Dichlorophenol	10.128	162	411732	29.868	ng/ul	95
30) Naphthalene	10.528	128	1439056	28.864	ng/ul	99
32) 4-Chloroaniline	10.640	127	487928	22.771	ng/ul	100
33) Hexachlorobutadiene	10.810	225	251791	29.019	ng/ul	98
34) Caprolactam	11.416	113	146461m	28.440	ng/ul	
35) 4-Chloro-3-methylphenol	11.769	107	445861	28.717	ng/ul	99

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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.146	142	1002710	28.798	ng/ul	100
37) 1-Methylnaphthalene	12.369	142	983141	27.815	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.510	216	504350	30.469	ng/ul	98
40) Hexachlorocyclopentadiene	12.493	237	150414	16.001	ng/ul	99
41) 2,4,6-Trichlorophenol	12.757	196	329994	31.903	ng/ul	99
42) 2,4,5-Trichlorophenol	12.828	196	371172	31.774	ng/ul	96
43) 1,1'-Biphenyl	13.169	154	1303732	29.821	ng/ul	99
44) 2-Chloronaphthalene	13.204	162	1028653	29.889	ng/ul	98
45) 2-Nitroaniline	13.416	65	293241	32.017	ng/ul	99
47) Dimethylphthalate	13.798	163	1295257	29.280	ng/ul	99
48) 2,6-Dinitrotoluene	13.922	165	261900	31.932	ng/ul	98
50) Acenaphthylene	14.057	152	1699736	29.877	ng/ul	99
51) 3-Nitroaniline	14.245	138	267035	30.674	ng/ul	99
52) Acenaphthene	14.398	153	1121426	29.580	ng/ul	97
53) 2,4-Dinitrophenol	14.451	184	103479	27.469	ng/ul	94
55) 4-Nitrophenol	14.551	109	193155	29.763	ng/ul	96
56) Dibenzofuran	14.739	168	1552179	29.453	ng/ul	100
57) 2,4-Dinitrotoluene	14.704	165	391942	32.732	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	14.963	232	315049	32.474	ng/ul	98
59) Diethylphthalate	15.169	149	1350224	30.045	ng/ul	99
61) Fluorene	15.387	166	1248502	29.805	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.387	204	593571	28.883	ng/ul	98
63) 4-Nitroaniline	15.416	138	288281	34.062	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.469	198	196565	31.148	ng/ul	93
67) N-Nitrosodiphenylamine	15.604	169	1074602	29.655	ng/ul	98
68) 4-Bromophenyl-phenylether	16.281	248	393477	31.142	ng/ul	96
69) Hexachlorobenzene	16.381	284	457022	30.718	ng/ul	97
70) Atrazine	16.557	200	362409	28.855	ng/ul	96
71) Pentachlorophenol	16.733	266	259436	29.575	ng/ul	94
72) Phenanthrene	17.128	178	2159082	31.583	ng/ul	100
74) Anthracene	17.216	178	2017715	29.197	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.128	216	513309	31.401	ng/uL	98
76) Pentachlorobenzene	14.651	250	506044	30.478	ng/uL	94
77) Carbazole	17.492	167	1965385	32.429	ng/ul	99
78) Di-n-butylphthalate	18.063	149	2586661	34.986	ng/ul	100
80) Fluoranthene	19.151	202	2711068	36.909	ng/ul	100
82) Pyrene	19.516	202	2722648	35.097	ng/ul	99
83) Butylbenzylphthalate	20.427	149	1162168	39.229	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.239	252	581891	27.554	ng/ul	100
85) Benzo(a)anthracene	21.304	228	2532787	33.021	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.245	149	1716332	39.286	ng/ul	99
87) Chrysene	21.369	228	2429032	33.551	ng/ul	99
89) Di-n-octyl phthalate	22.363	149	2922686	42.230	ng/ul	100
90) Benzo(b)fluoranthene	23.339	252	2265746	35.228	ng/ul	97
91) Benzo(k)fluoranthene	23.404	252	2233567	34.195	ng/ul	97
93) Benzo(a)pyrene	24.133	252	2025496	33.338	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	27.580	276	2117733	32.245	ng/ul	97
95) Dibenzo(a,h)anthracene	27.645	278	1711996	30.964	ng/ul	99
96) Benzo(g,h,i)perylene	28.609	276	1597165	30.977	ng/ul	96

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

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