Quantitation Report (Qedit)

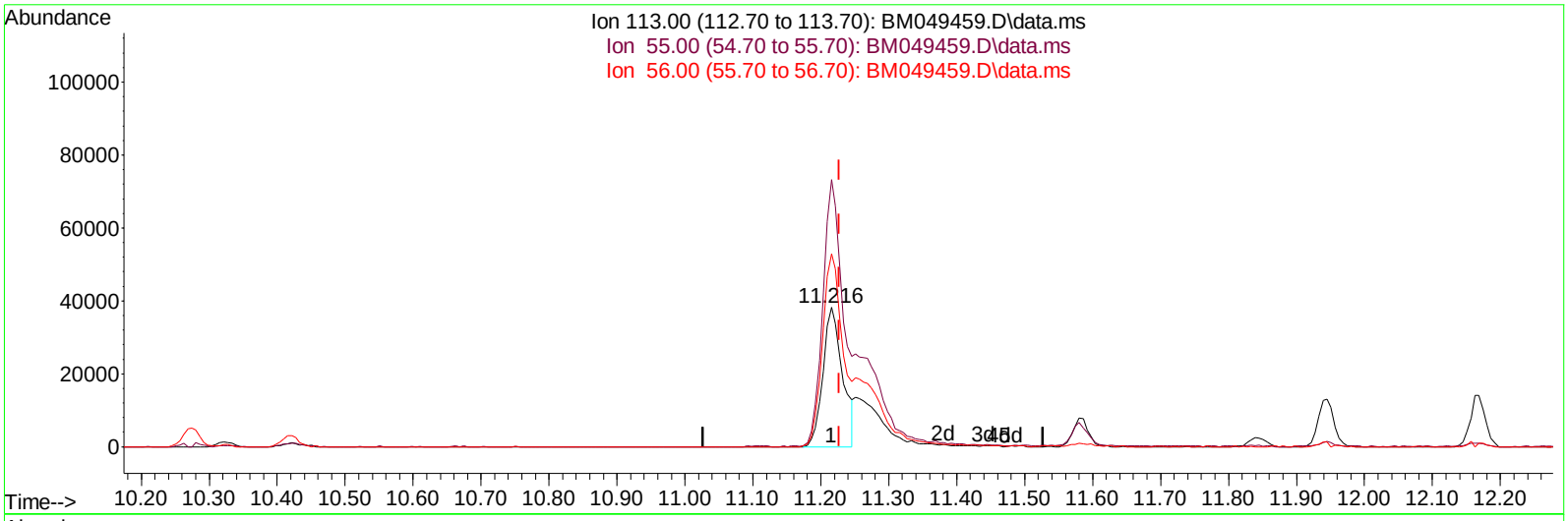
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012725\
Data File : BM049459.D
Acq On : 27 Jan 2025 21:57
Operator : RC/JU
Sample : PB166231BS
Misc :
ALS Vial : 17 Sample Multiplier: 1

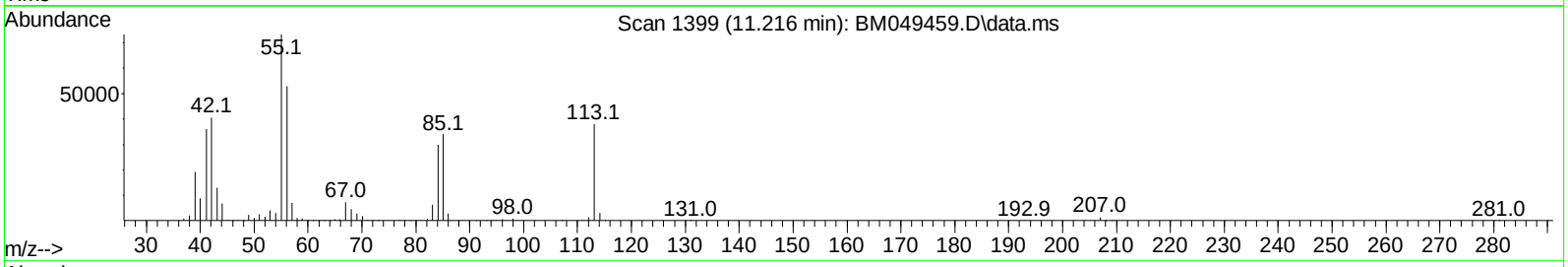
Quant Time: Jan 28 00:52:20 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM011325.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jan 13 16:56:06 2025
Response via : Initial Calibration

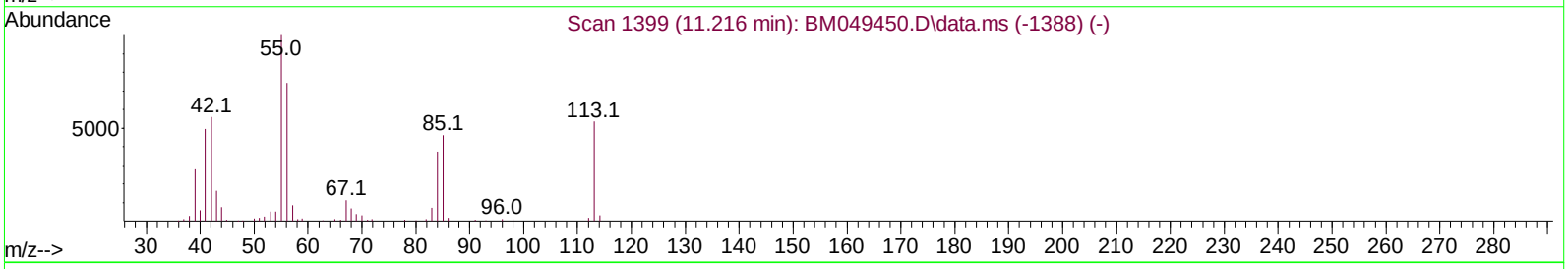
Instrument :
BNA_M
ClientSampleId :
SLCS231

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 01/28/2025
Supervised By :mohammad ahmed 01/31/2025







TIC: BM049459.D\data.ms

(34) Caprolactam

11.216min (-0.012) 21.12 ng/ul

response 75909

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	193.90	191.82
56.00	143.50	138.45
0.00	0.00	0.00

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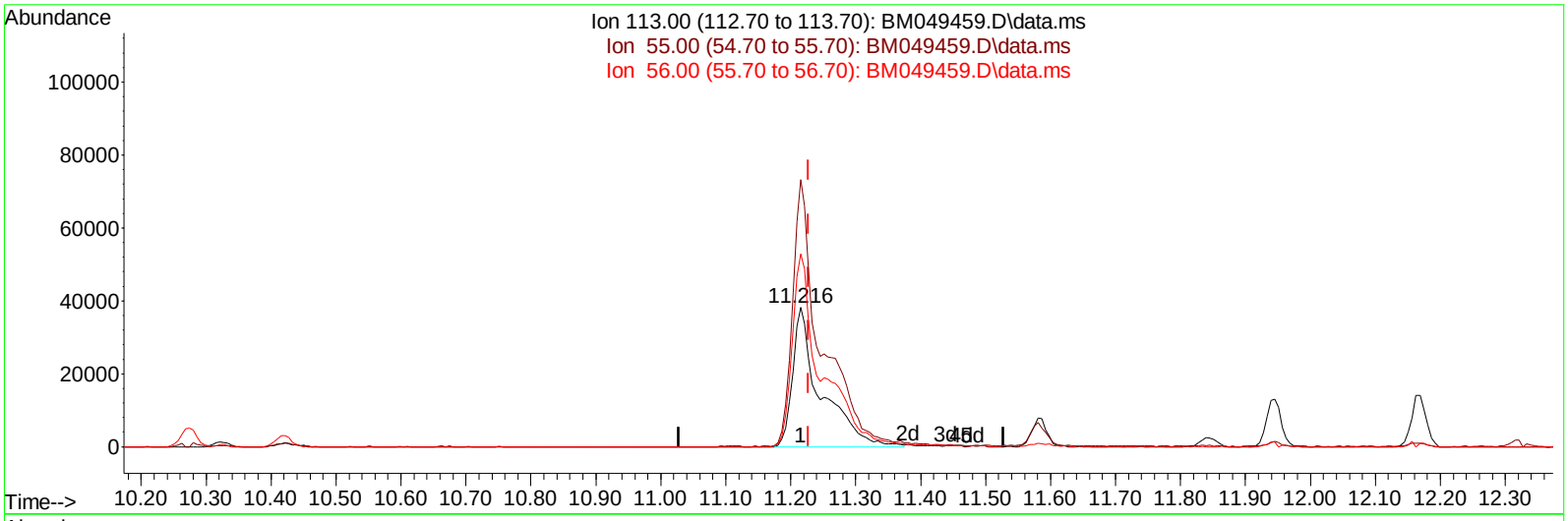

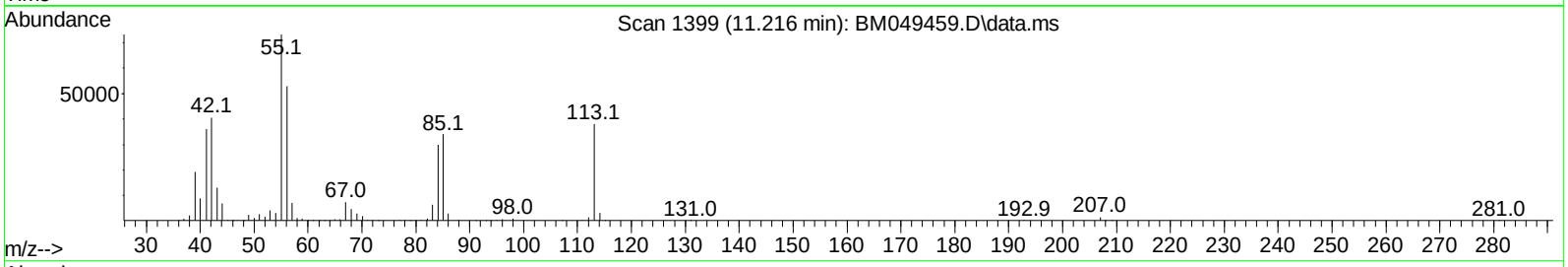

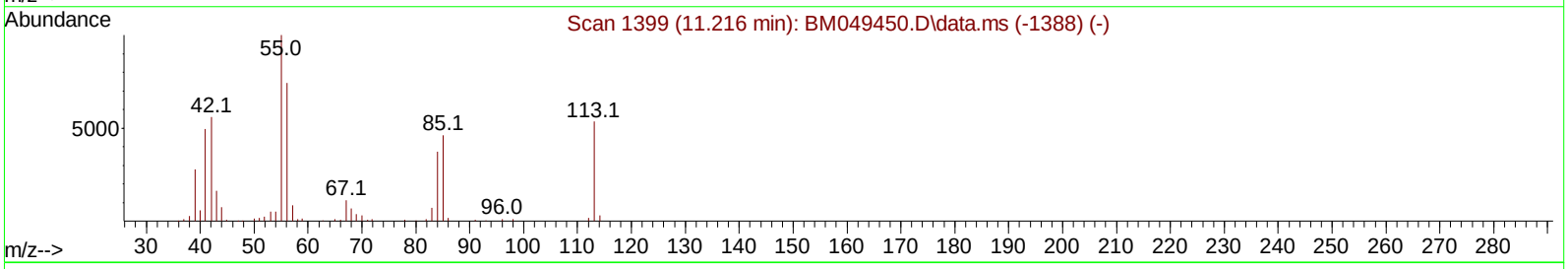

TIC: BM049459.D\data.ms

(34) Caprolactam

11.216min (-0.012) 32.00 ng/ul m

response 115023

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	193.90	191.82
56.00	143.50	138.45
0.00	0.00	0.00

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Operator : RC/JU
Sample : PB166231BS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Jan 28 01:28:56 2025
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Quant Title : SVOA CALIBRATION
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Instrument :
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.510	152	182787	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.274	136	696760	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.157	164	463374	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.903	188	956460	20.000	ng/ul	-0.01
79) Chrysene-d12	21.138	240	957469	20.000	ng/ul	0.00
88) Perylene-d12	23.915	264	920175	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.116	96	32319	7.316	ng/uL	0.00
4) Pyridine-d5	3.504	84	464012	32.993	ng/ul	0.00
7) Phenol-d5	6.710	99	527505	34.378	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.863	67	357785	35.018	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.057	132	409323	34.872	ng/ul	0.00
15) 4-Methylphenol-d8	8.228	113	384278	32.296	ng/ul	-0.01
21) Nitrobenzene-d5	8.657	128	187278	35.247	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.369	143	210957	35.516	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	9.910	165	437473	36.094	ng/ul	0.00
31) 4-Chloroaniline-d4	10.416	131	470137	29.478	ng/ul	-0.01
46) Dimethylphthalate-d6	13.574	166	1252030	36.303	ng/ul	-0.01
49) Acenaphthylene-d8	13.845	160	1449267	36.810	ng/ul	0.00
54) 4-Nitrophenol-d4	14.386	143	200193	35.053	ng/ul	0.00
60) Fluorene-d10	15.157	176	1112682	37.346	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.286	200	206819	33.929	ng/ul	0.00
73) Anthracene-d10	17.003	188	1690126	35.746	ng/ul	-0.01
81) Pyrene-d10	19.309	212	2054070	35.250	ng/ul	-0.01
92) Benzo(a)pyrene-d12	23.732	264	1861871	37.692	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.146	88	64201	13.265	ng/uL	97
5) Pyridine	3.522	79	461477	32.460	ng/ul	99
6) Benzaldehyde	6.669	77	213413	25.798	ng/ul	99
8) Phenol	6.734	94	533271	33.427	ng/ul	96
10) Bis(2-Chloroethyl)ether	6.957	93	439917	33.862	ng/ul	100
12) 2-Chlorophenol	7.086	128	418191	34.275	ng/ul	100
13) 2-Methylphenol	7.963	108	373559	32.049	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.033	45	695032	35.697	ng/ul	99
16) Acetophenone	8.328	105	645403	33.212	ng/ul	95
17) N-Nitroso-di-n-propyla...	8.322	70	355542	33.873	ng/ul	96
18) 4-Methylphenol	8.292	108	410286	32.128	ng/ul	98
19) Hexachloroethane	8.575	117	182289	34.772	ng/ul	98
22) Nitrobenzene	8.698	77	494210	35.903	ng/ul	98
23) Isophorone	9.227	82	925901	34.618	ng/ul	99
25) 2-Nitrophenol	9.404	139	227300	34.818	ng/ul	100
26) 2,4-Dimethylphenol	9.475	107	337867	27.654	ng/ul	97
27) Bis(2-Chloroethoxy)met...	9.710	93	569018	34.615	ng/ul	98
29) 2,4-Dichlorophenol	9.933	162	418556	34.661	ng/ul	99
30) Naphthalene	10.322	128	1272511	34.413	ng/ul	100
32) 4-Chloroaniline	10.445	127	378682	24.899	ng/ul	99
33) Hexachlorobutadiene	10.616	225	303068	35.150	ng/ul	98
34) Caprolactam	11.216	113	115023m	31.997	ng/ul	
35) 4-Chloro-3-methylphenol	11.580	107	390783	34.611	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	11.945	142	900494	34.032	ng/ul	97
37) 1-Methylnaphthalene	12.168	142	896749	34.061	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.321	216	570184	35.549	ng/ul	99
40) Hexachlorocyclopentadiene	12.304	237	251473	26.132	ng/ul	99
41) 2,4,6-Trichlorophenol	12.574	196	326117	33.052	ng/ul	99
42) 2,4,5-Trichlorophenol	12.645	196	363058	34.331	ng/ul	99
43) 1,1'-Biphenyl	12.980	154	1214150	35.788	ng/ul	98
44) 2-Chloronaphthalene	13.015	162	976286	35.983	ng/ul	99
45) 2-Nitroaniline	13.233	65	269968	37.709	ng/ul	98
47) Dimethylphthalate	13.627	163	1222921	35.845	ng/ul	99
48) 2,6-Dinitrotoluene	13.739	165	236511	37.158	ng/ul	97
50) Acenaphthylene	13.868	152	1479178	36.647	ng/ul	100
51) 3-Nitroaniline	14.068	138	219502	35.149	ng/ul	98
52) Acenaphthene	14.215	153	1019580	35.354	ng/ul	100
53) 2,4-Dinitrophenol	14.280	184	120111	30.131	ng/ul	99
55) 4-Nitrophenol	14.398	109	146948	34.892	ng/ul	97
56) Dibenzofuran	14.557	168	1461473	35.686	ng/ul	99
57) 2,4-Dinitrotoluene	14.533	165	355416	37.629	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	14.792	232	277506	31.064	ng/ul	95
59) Diethylphthalate	15.004	149	1200404	36.103	ng/ul	99
61) Fluorene	15.209	166	1241787	37.113	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.215	204	665251	36.481	ng/ul	96
63) 4-Nitroaniline	15.239	138	233580	41.571	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.298	198	222509	33.478	ng/ul	94
67) N-Nitrosodiphenylamine	15.427	169	1004905	35.410	ng/ul	99
68) 4-Bromophenyl-phenylether	16.109	248	395404	36.357	ng/ul	96
69) Hexachlorobenzene	16.215	284	448336	35.445	ng/ul	99
70) Atrazine	16.392	200	129831	11.190	ng/ul	98
71) Pentachlorophenol	16.562	266	216420	25.826	ng/ul	98
72) Phenanthrene	16.951	178	1933133	36.355	ng/ul	99
74) Anthracene	17.039	178	1873412	35.101	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	12.939	216	563568	35.256	ng/uL	98
76) Pentachlorobenzene	14.474	250	521165	32.664	ng/uL	99
77) Carbazole	17.315	167	1712484	36.164	ng/ul	99
78) Di-n-butylphthalate	17.898	149	2129789	36.707	ng/ul	99
80) Fluoranthene	18.974	202	2327886	34.767	ng/ul	99
82) Pyrene	19.339	202	2486440	34.885	ng/ul	98
83) Butylbenzylphthalate	20.268	149	897131	35.553	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.062	252	658829	36.746	ng/ul	99
85) Benzo(a)anthracene	21.121	228	2429143	36.405	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.074	149	1359649	36.230	ng/ul	99
87) Chrysene	21.180	228	2302703	37.802	ng/ul	100
89) Di-n-octyl phthalate	22.138	149	2152833	32.116	ng/ul	100
90) Benzo(b)fluoranthene	23.050	252	2269993	36.856	ng/ul	99
91) Benzo(k)fluoranthene	23.103	252	2236369	36.417	ng/ul	99
93) Benzo(a)pyrene	23.791	252	2018170	36.277	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	27.003	276	2484790	38.937	ng/ul	99
95) Dibenzo(a,h)anthracene	27.056	278	2050303	39.446	ng/ul	100
96) Benzo(g,h,i)perylene	27.962	276	1886069	39.591	ng/ul	99

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

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