Quantitation Report (Qedit)

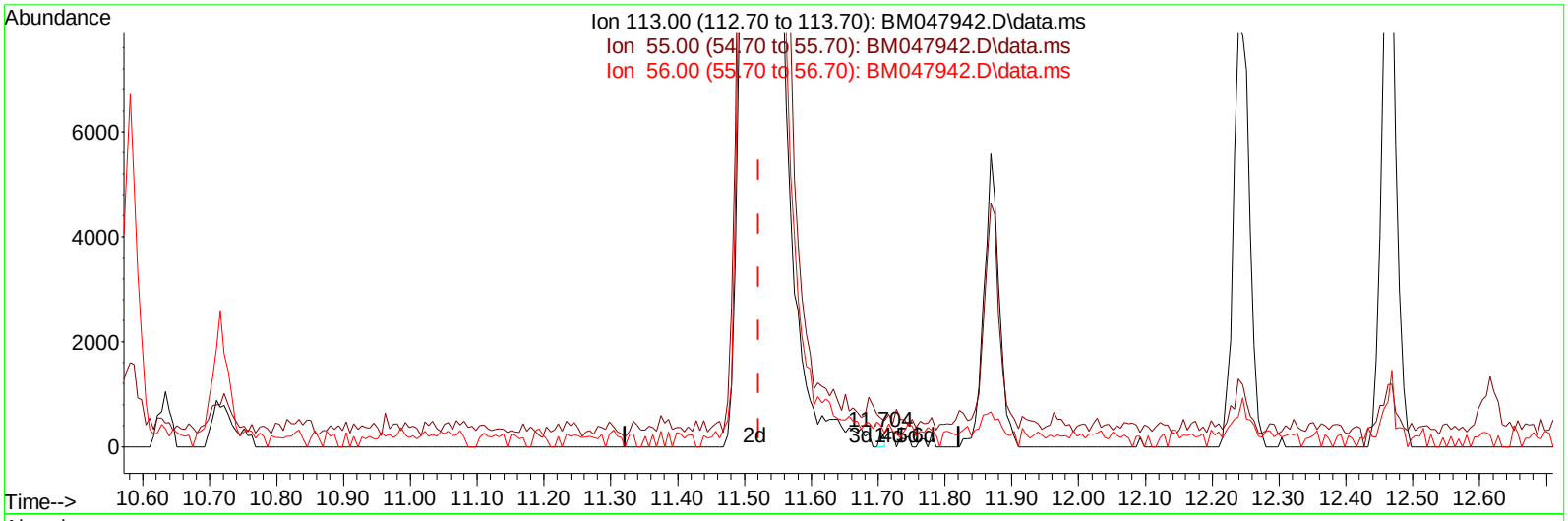
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100924\
Data File : BM047942.D
Acq On : 09 Oct 2024 12:08
Operator : RC/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

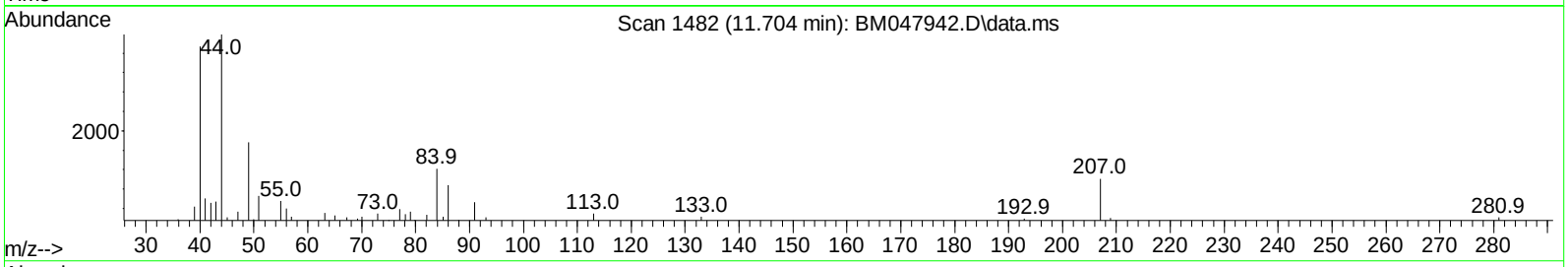
Quant Time: Oct 09 13:03:13 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 04 08:32:31 2024
Response via : Initial Calibration

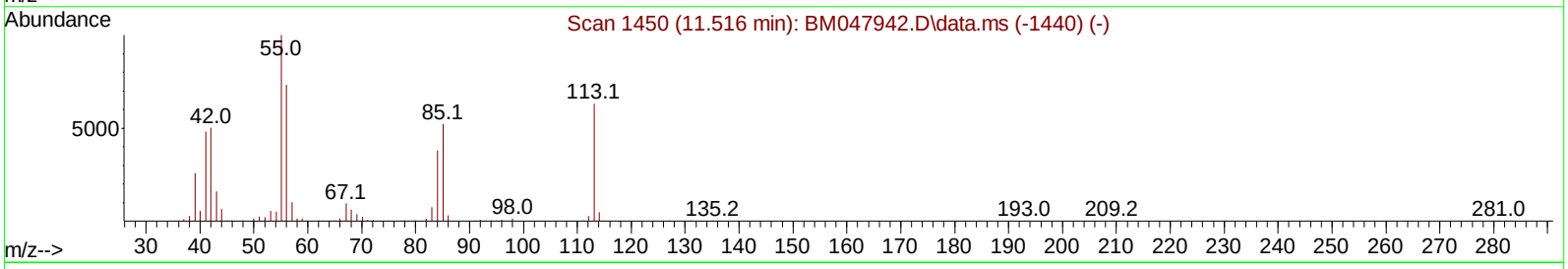
Instrument :
BNA_M
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/11/2024







TIC: BM047942.D\data.ms

(34) Caprolactam

11.704min (+ 0.182) 0.04 ng/ul

response 160

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	209.90	190.31
56.00	164.10	139.10
0.00	0.00	0.00

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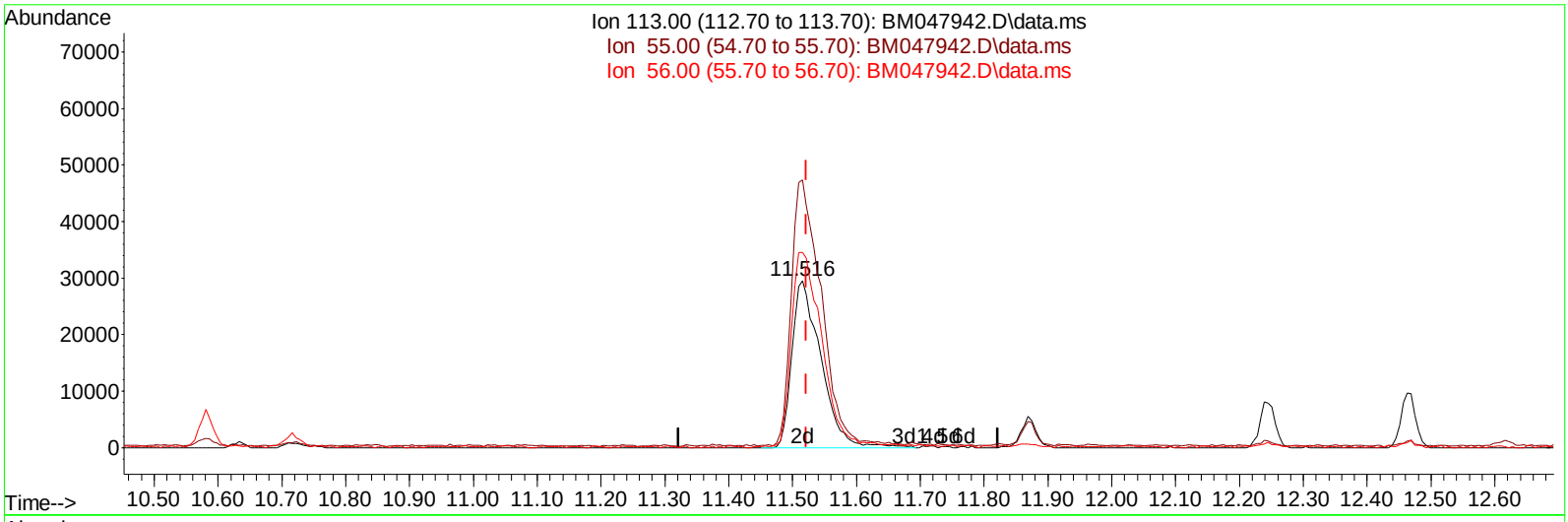

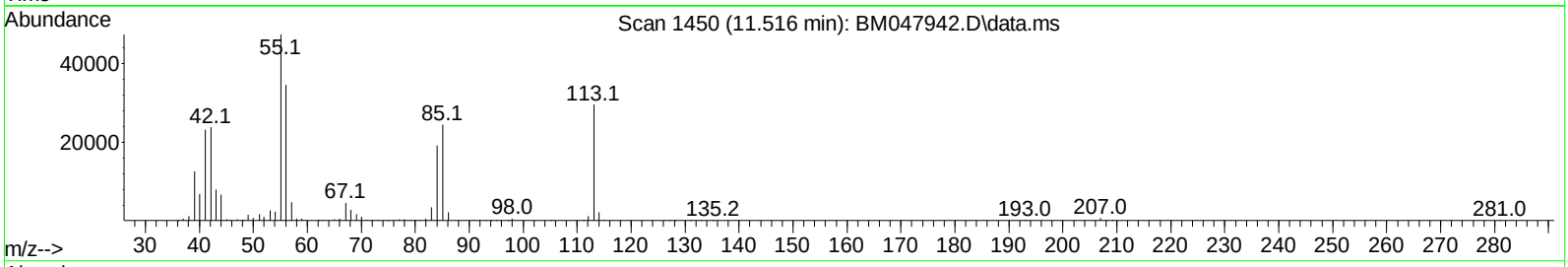

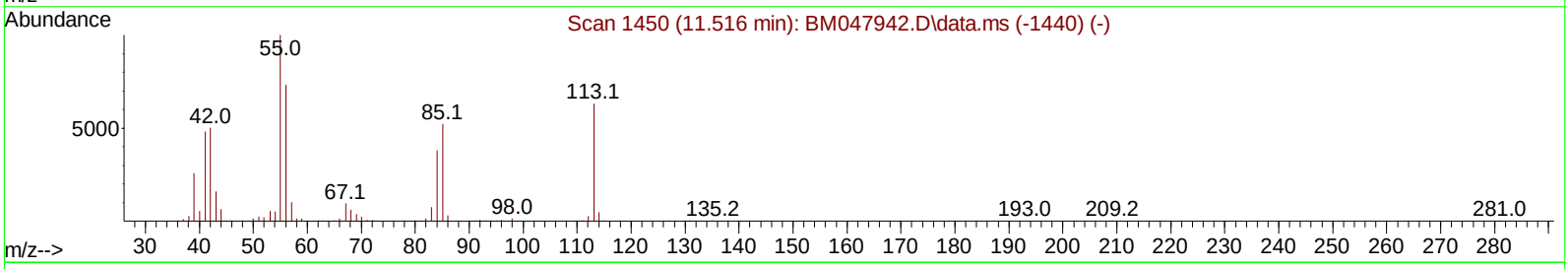

TIC: BM047942.D\data.ms

(34) Caprolactam

11.516min (-0.006) 21.45 ng/ul m

response 92814

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	209.90	160.04#
56.00	164.10	116.88#
0.00	0.00	0.00

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Misc :
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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	7.792	152	215907	20.000	ng/ul	0.00
20) Naphthalene-d8	10.581	136	859567	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.427	164	529334	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.162	188	1110073	20.000	ng/ul	-0.01
79) Chrysene-d12	21.392	240	1166758	20.000	ng/ul	0.00
88) Perylene-d12	24.386	264	1409611	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.240	96	45295	6.780	ng/uL	-0.01
4) Pyridine-d5	3.657	84	323513	16.538	ng/ul	0.00
7) Phenol-d5	6.963	99	368842	18.066	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.122	67	213510	14.738	ng/ul	0.00
11) 2-Chlorophenol-d4	7.328	132	310819	20.925	ng/ul	0.00
15) 4-Methylphenol-d8	8.498	113	285647	18.818	ng/ul	0.00
21) Nitrobenzene-d5	8.945	128	144984	21.184	ng/ul	0.00
24) 2-Nitrophenol-d4	9.663	143	156124	23.805	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.204	165	285706	21.807	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.716	131	392437	19.375	ng/ul	-0.01
46) Dimethylphthalate-d6	13.833	166	735831	19.174	ng/ul	-0.01
49) Acenaphthylene-d8	14.116	160	900587	19.792	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.627	143	158649	20.763	ng/ul	0.00
60) Fluorene-d10	15.416	176	665098	20.008	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.533	200	124145	19.111	ng/ul	0.00
73) Anthracene-d10	17.262	188	1057534	19.375	ng/ul	-0.01
81) Pyrene-d10	19.551	212	1302760	19.673	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.180	264	1425161	19.486	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.275	88	48275	6.615	ng/uL	90
5) Pyridine	3.675	79	341361	16.575	ng/ul	88
6) Benzaldehyde	6.928	77	208046	18.738	ng/ul	93
8) Phenol	6.987	94	374894	17.258	ng/ul	92
10) Bis(2-Chloroethyl)ether	7.210	93	293681	16.966	ng/ul	90
12) 2-Chlorophenol	7.357	128	309714	19.682	ng/ul	91
13) 2-Methylphenol	8.234	108	281525	18.586	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.316	45	419509	12.874	ng/ul#	94
16) Acetophenone	8.610	105	443251	17.066	ng/ul#	89
17) N-Nitroso-di-n-propyla...	8.592	70	215367	15.655	ng/ul#	88
18) 4-Methylphenol	8.563	108	299686	17.605	ng/ul	97
19) Hexachloroethane	8.869	117	130853	18.500	ng/ul	89
22) Nitrobenzene	8.986	77	332184	17.086	ng/ul#	89
23) Isophorone	9.516	82	604943	17.395	ng/ul#	94
25) 2-Nitrophenol	9.698	139	164347	21.904	ng/ul#	88
26) 2,4-Dimethylphenol	9.763	107	304361	18.931	ng/ul	94
27) Bis(2-Chloroethoxy)met...	9.992	93	366754	17.242	ng/ul	96
29) 2,4-Dichlorophenol	10.233	162	279543	20.663	ng/ul	97
30) Naphthalene	10.633	128	955101	19.317	ng/ul	100
32) 4-Chloroaniline	10.739	127	374497	18.777	ng/ul	98
33) Hexachlorobutadiene	10.922	225	177505	19.858	ng/ul	99
34) Caprolactam	11.516	113	92814m	21.452	ng/ul	
35) 4-Chloro-3-methylphenol	11.869	107	281923	20.131	ng/ul	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.245	142	613008	19.513	ng/ul	96
37) 1-Methylnaphthalene	12.463	142	640683	20.045	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.616	216	327335	18.997	ng/ul#	97
40) Hexachlorocyclopentadiene	12.598	237	172258	16.528	ng/ul	99
41) 2,4,6-Trichlorophenol	12.857	196	214968	21.562	ng/ul	99
42) 2,4,5-Trichlorophenol	12.927	196	228799	20.986	ng/ul	97
43) 1,1'-Biphenyl	13.257	154	788646	18.608	ng/ul#	97
44) 2-Chloronaphthalene	13.298	162	631230	19.258	ng/ul	97
45) 2-Nitroaniline	13.504	65	176777	16.989	ng/ul#	76
47) Dimethylphthalate	13.880	163	744486	19.155	ng/ul	99
48) 2,6-Dinitrotoluene	13.998	165	146354	21.442	ng/ul	86
50) Acenaphthylene	14.145	152	1051008	20.481	ng/ul	99
51) 3-Nitroaniline	14.327	138	172657	20.900	ng/ul	88
52) Acenaphthene	14.486	153	679510	18.733	ng/ul	98
53) 2,4-Dinitrophenol	14.533	184	82199	19.489	ng/ul#	79
55) 4-Nitrophenol	14.639	109	115504	18.004	ng/ul	89
56) Dibenzofuran	14.821	168	933971	19.128	ng/ul	96
57) 2,4-Dinitrotoluene	14.786	165	222921	21.745	ng/ul#	78
58) 2,3,4,6-Tetrachlorophenol	15.051	232	195330	22.729	ng/ul#	96
59) Diethylphthalate	15.245	149	744088	19.135	ng/ul	97
61) Fluorene	15.474	166	764121	18.757	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.468	204	369063	19.173	ng/ul	95
63) 4-Nitroaniline	15.486	138	187010	23.309	ng/ul	93
66) 4,6-Dinitro-2-methylph...	15.551	198	137165	19.056	ng/ul#	86
67) N-Nitrosodiphenylamine	15.680	169	629667	18.203	ng/ul	99
68) 4-Bromophenyl-phenylether	16.357	248	225587	19.715	ng/ul	96
69) Hexachlorobenzene	16.474	284	271927	20.421	ng/ul	94
70) Atrazine	16.627	200	197435	17.146	ng/ul	97
71) Pentachlorophenol	16.815	266	181327	21.415	ng/ul	98
72) Phenanthrene	17.204	178	1241276	19.068	ng/ul	100
74) Anthracene	17.298	178	1280621	19.287	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.222	216	320156	17.419	ng/uL	98
76) Pentachlorobenzene	14.745	250	317742	17.711	ng/uL	98
77) Carbazole	17.562	167	1194678	19.851	ng/ul	98
78) Di-n-butylphthalate	18.127	149	1313770	19.608	ng/ul	99
80) Fluoranthene	19.215	202	1513421	19.405	ng/ul	98
82) Pyrene	19.580	202	1621865	18.684	ng/ul	96
83) Butylbenzylphthalate	20.474	149	647111	21.087	ng/ul	85
84) 3,3'-Dichlorobenzidine	21.292	252	525651	21.321	ng/ul	100
85) Benzo(a)anthracene	21.374	228	1657386	20.288	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.292	149	928718	20.157	ng/ul#	97
87) Chrysene	21.433	228	1556117	19.539	ng/ul	99
89) Di-n-octyl phthalate	22.421	149	1698716	18.683	ng/ul	100
90) Benzo(b)fluoranthene	23.439	252	1726952	19.645	ng/ul	98
91) Benzo(k)fluoranthene	23.497	252	1693755	18.843	ng/ul	99
93) Benzo(a)pyrene	24.244	252	1657008	19.847	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	27.762	276	2043667	19.102	ng/ul	99
95) Dibenzo(a,h)anthracene	27.809	278	1706951	19.468	ng/ul	98
96) Benzo(g,h,i)perylene	28.809	276	1674471	19.975	ng/ul	97

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

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