Quantitation Report (Qedit)

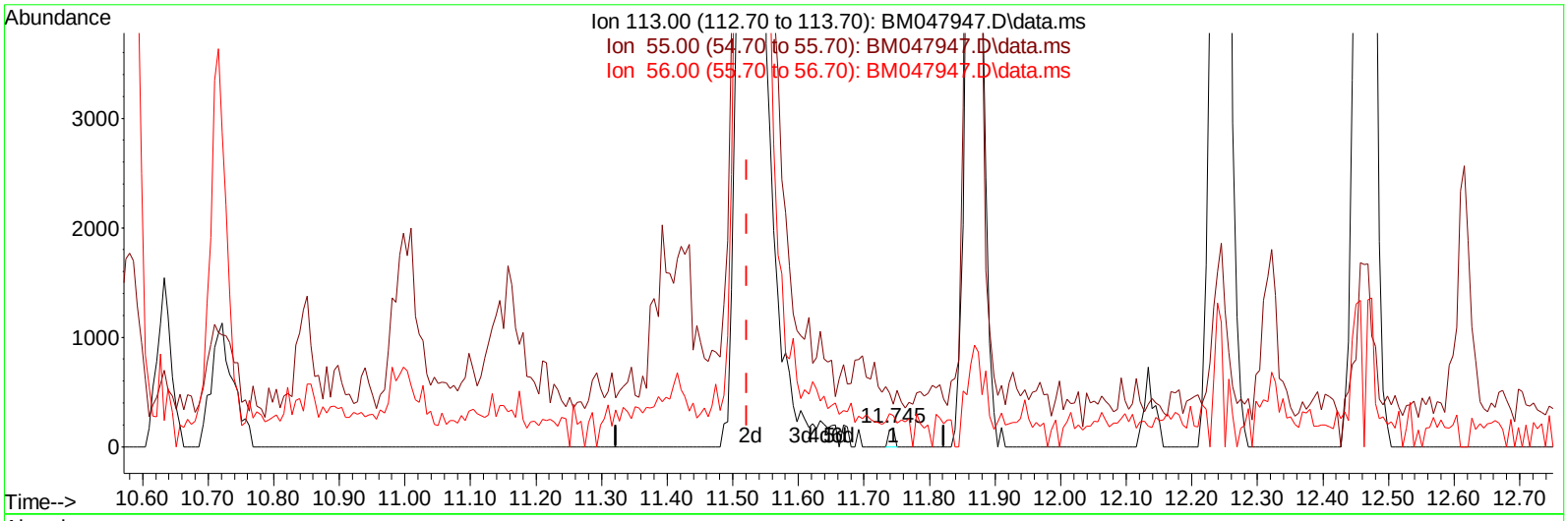
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100924\
Data File : BM047947.D
Acq On : 09 Oct 2024 16:44
Operator : RC/JU
Sample : P4187-15MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

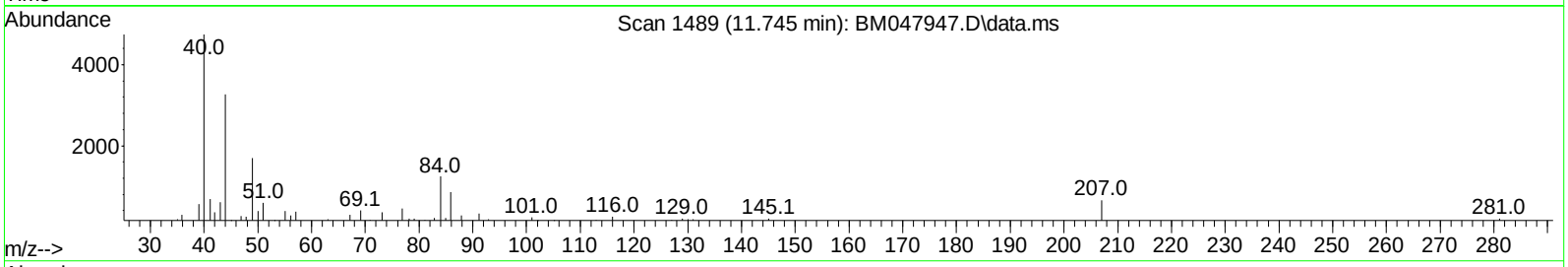
Quant Time: Oct 09 17:26:58 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 04 08:32:31 2024
Response via : Initial Calibration

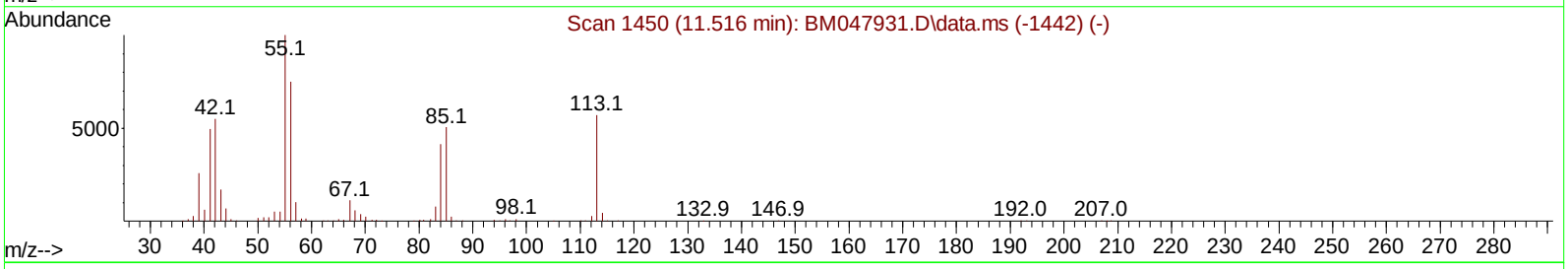
Instrument :
BNA_M
ClientSampleId :
EY072MSD

Manual IntegrationsAPPROVED

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







TIC: BM047947.D\data.ms

(34) Caprolactam

11.745min (+ 0.223) 0.02 ng/ul

response 115

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	209.90	226.74
56.00	164.10	166.86
0.00	0.00	0.00

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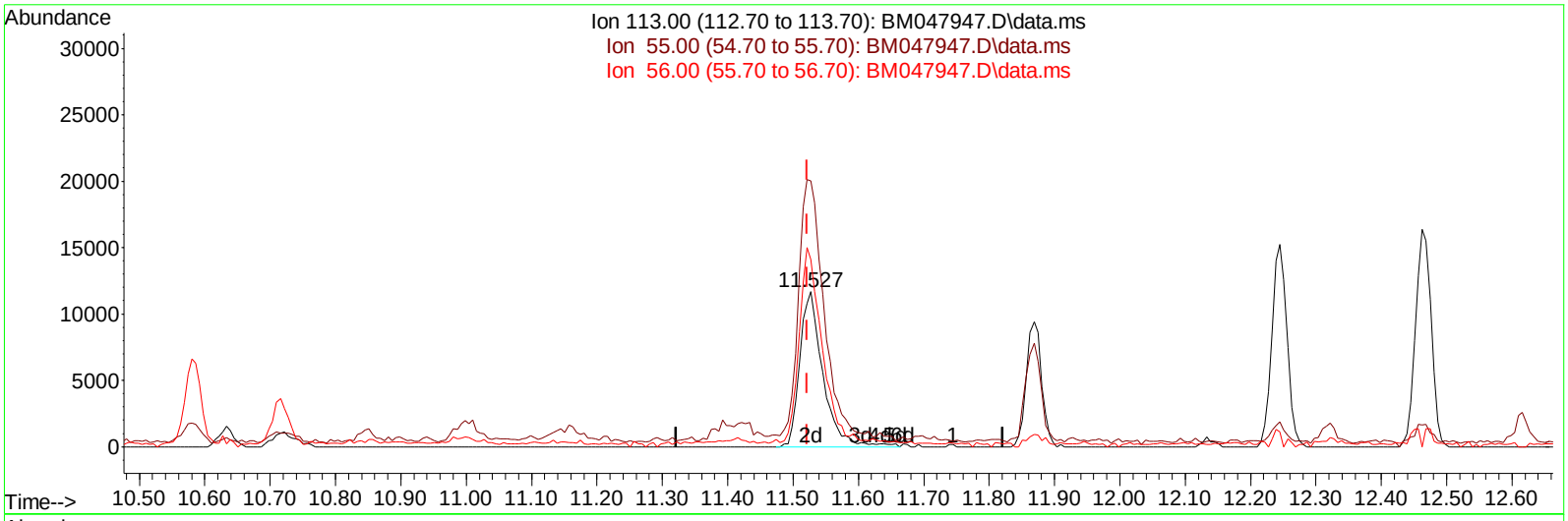

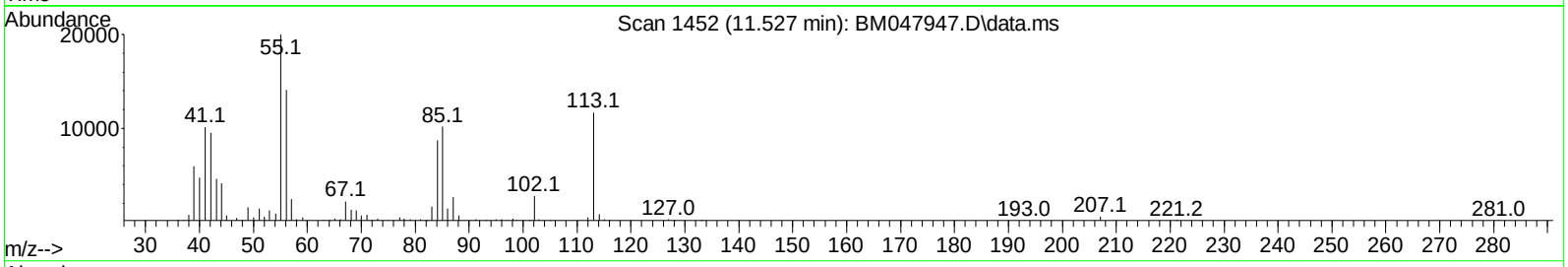

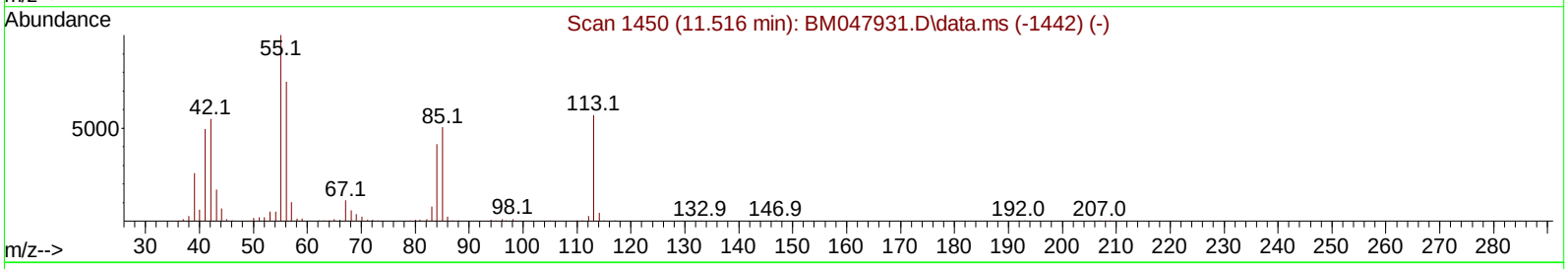

TIC: BM047947.D\data.ms

(34) Caprolactam

11.527min (+ 0.006) 5.53 ng/ul m

response 28659

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	209.90	171.32
56.00	164.10	120.59#
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	7.786	152	256548	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.580	136	1029048	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.427	164	622693	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.162	188	1271407	20.000	ng/ul	-0.01
79) Chrysene-d12	21.386	240	1253167	20.000	ng/ul	-0.01
88) Perylene-d12	24.379	264	1446881	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.246	96	27174	3.423	ng/uL	0.00
4) Pyridine-d5	3.663	84	162979	7.012	ng/ul	0.00
7) Phenol-d5	6.957	99	172411	7.107	ng/ul	-0.01
9) Bis-(2-Chloroethyl)eth...	7.122	67	365420	21.228	ng/ul	0.00
11) 2-Chlorophenol-d4	7.322	132	463132	26.240	ng/ul	-0.01
15) 4-Methylphenol-d8	8.498	113	307340	17.040	ng/ul	0.00
21) Nitrobenzene-d5	8.945	128	248966	30.386	ng/ul	0.00
24) 2-Nitrophenol-d4	9.663	143	278669	35.492	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.204	165	502969	32.067	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.716	131	602279	24.838	ng/ul	-0.01
46) Dimethylphthalate-d6	13.833	166	1425045	31.566	ng/ul	-0.01
49) Acenaphthylene-d8	14.115	160	1603746	29.961	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.627	143	82366	9.164	ng/ul	0.00
60) Fluorene-d10	15.415	176	1239986	31.710	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.539	200	257668	34.632	ng/ul	0.00
73) Anthracene-d10	17.262	188	1948474	31.167	ng/ul	-0.01
81) Pyrene-d10	19.550	212	2375641	33.402	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.179	264	2478134	33.011	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.275	88	38225	4.408	ng/uL	89
5) Pyridine	3.681	79	205267	8.388	ng/ul	88
6) Benzaldehyde	6.928	77	351858	26.670	ng/ul	91
8) Phenol	6.986	94	196947	7.630	ng/ul	92
10) Bis(2-Chloroethyl)ether	7.210	93	511632	24.875	ng/ul	91
12) 2-Chlorophenol	7.357	128	492633	26.346	ng/ul	93
13) 2-Methylphenol	8.233	108	370646	20.593	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.310	45	736074	19.011	ng/ul#	94
16) Acetophenone	8.610	105	803365	26.031	ng/ul#	91
17) N-Nitroso-di-n-propyla...	8.598	70	400116	24.477	ng/ul#	88
18) 4-Methylphenol	8.563	108	357189	17.659	ng/ul	98
19) Hexachloroethane	8.869	117	181018	21.538	ng/ul	91
22) Nitrobenzene	8.986	77	590059	25.352	ng/ul	90
23) Isophorone	9.516	82	1148809	27.592	ng/ul#	94
25) 2-Nitrophenol	9.698	139	308598	34.356	ng/ul#	86
26) 2,4-Dimethylphenol	9.763	107	405564	21.072	ng/ul	93
27) Bis(2-Chloroethoxy)met...	9.992	93	674767	26.497	ng/ul	98
29) 2,4-Dichlorophenol	10.233	162	519982	32.106	ng/ul	97
30) Naphthalene	10.633	128	1657440	28.001	ng/ul	99
32) 4-Chloroaniline	10.739	127	534810	22.399	ng/ul	99
33) Hexachlorobutadiene	10.922	225	278588	26.034	ng/ul	98
34) Caprolactam	11.527	113	28659m	5.533	ng/ul	
35) 4-Chloro-3-methylphenol	11.868	107	509725	30.404	ng/ul	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.245	142	1126975	29.965	ng/ul	97
37) 1-Methylnaphthalene	12.463	142	1133369	29.620	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.616	216	590319	29.122	ng/ul#	96
40) Hexachlorocyclopentadiene	12.598	237	182983	14.925	ng/ul	97
41) 2,4,6-Trichlorophenol	12.857	196	414077	35.306	ng/ul	100
42) 2,4,5-Trichlorophenol	12.927	196	455560	35.521	ng/ul	97
43) 1,1'-Biphenyl	13.257	154	1479819	29.682	ng/ul#	97
44) 2-Chloronaphthalene	13.298	162	1167557	30.280	ng/ul	97
45) 2-Nitroaniline	13.504	65	363561	29.701	ng/ul#	76
47) Dimethylphthalate	13.880	163	1473285	32.223	ng/ul	99
48) 2,6-Dinitrotoluene	13.998	165	302847	37.716	ng/ul#	84
50) Acenaphthylene	14.145	152	1868851	30.959	ng/ul	99
51) 3-Nitroaniline	14.327	138	336425	34.618	ng/ul	87
52) Acenaphthene	14.486	153	1290980	30.254	ng/ul	98
53) 2,4-Dinitrophenol	14.533	184	186088	37.506	ng/ul#	76
55) 4-Nitrophenol	14.639	109	65931	8.736	ng/ul	88
56) Dibenzofuran	14.821	168	1788094	31.130	ng/ul	96
57) 2,4-Dinitrotoluene	14.786	165	453546	37.608	ng/ul#	79
58) 2,3,4,6-Tetrachlorophenol	15.051	232	378035	37.394	ng/ul#	95
59) Diethylphthalate	15.245	149	1462931	31.980	ng/ul	98
61) Fluorene	15.474	166	1459398	30.454	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.468	204	696825	30.773	ng/ul	96
63) 4-Nitroaniline	15.486	138	373685	39.593	ng/ul	91
66) 4,6-Dinitro-2-methylph...	15.551	198	288852	35.037	ng/ul#	87
67) N-Nitrosodiphenylamine	15.680	169	1221421	30.829	ng/ul	99
68) 4-Bromophenyl-phenylether	16.356	248	436525	33.309	ng/ul	97
69) Hexachlorobenzene	16.474	284	523451	34.322	ng/ul	92
70) Atrazine	16.627	200	329770	25.005	ng/ul	98
71) Pentachlorophenol	16.815	266	332565	34.293	ng/ul	99
72) Phenanthrene	17.209	178	2356235	31.602	ng/ul	100
74) Anthracene	17.298	178	2356525	30.988	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.221	216	584317	27.757	ng/uL	99
76) Pentachlorobenzene	14.745	250	590870	28.756	ng/uL	98
77) Carbazole	17.562	167	2283581	33.129	ng/ul	98
78) Di-n-butylphthalate	18.127	149	2569878	33.488	ng/ul	98
80) Fluoranthene	19.215	202	2801732	33.447	ng/ul	99
82) Pyrene	19.580	202	3007272	32.256	ng/ul	97
83) Butylbenzylphthalate	20.474	149	1225647	37.186	ng/ul	84
84) 3,3'-Dichlorobenzidine	21.291	252	864360	32.642	ng/ul	100
85) Benzo(a)anthracene	21.368	228	2965094	33.793	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.291	149	1719201	34.741	ng/ul	96
87) Chrysene	21.433	228	2793918	32.662	ng/ul	99
89) Di-n-octyl phthalate	22.415	149	3066128	32.854	ng/ul	100
90) Benzo(b)fluoranthene	23.438	252	3046803	33.767	ng/ul	98
91) Benzo(k)fluoranthene	23.497	252	2948143	31.954	ng/ul	99
93) Benzo(a)pyrene	24.244	252	2692997	31.426	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	27.762	276	3620367	32.967	ng/ul	98
95) Dibenzo(a,h)anthracene	27.815	278	2984712	33.164	ng/ul	98
96) Benzo(g,h,i)perylene	28.814	276	2853563	33.165	ng/ul	97

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

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