Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110824\
Data File : BM048532.D
Acq On : 08 Nov 2024 16:13
Operator : RC/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 08 17:02:18 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM110724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Nov 07 22:50:20 2024
Response via : Initial Calibration

Instrument :
BNA_M
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

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Supervised By :mohammad ahmed 11/11/2024

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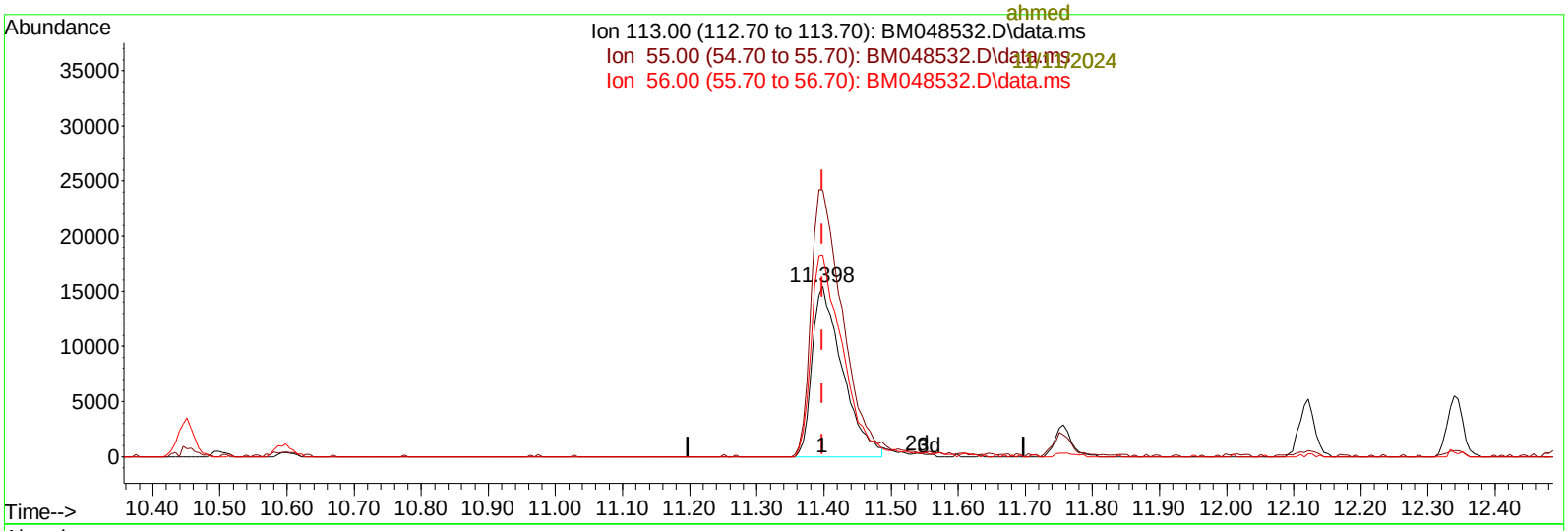

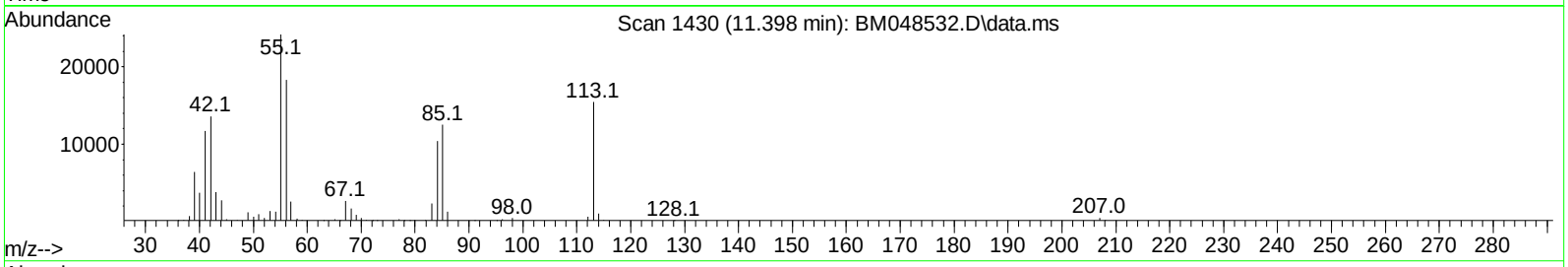

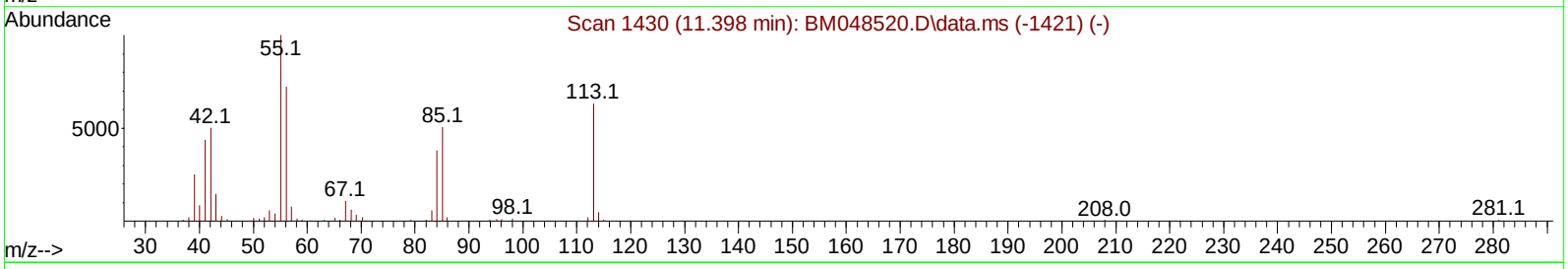

TIC: BM048532.D\data.ms

(34) Caprolactam

11.398min (+ 0.000) 20.10 ng/ul

response 48333

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	173.10	156.63
56.00	130.10	118.51
0.00	0.00	0.00

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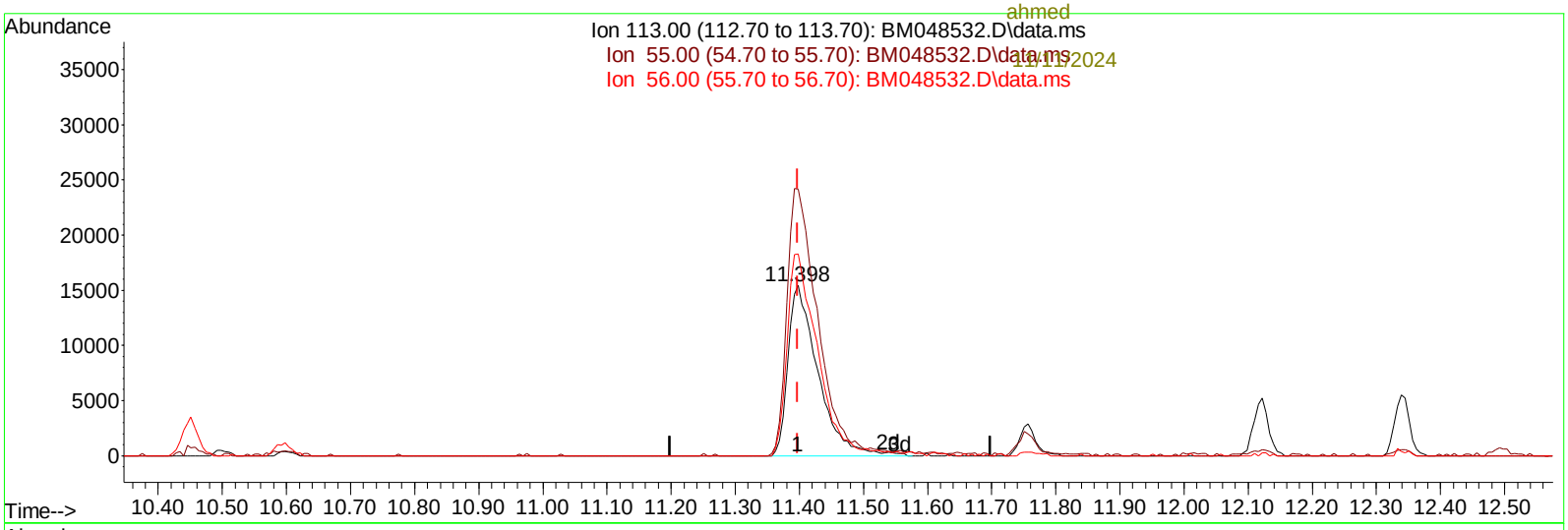

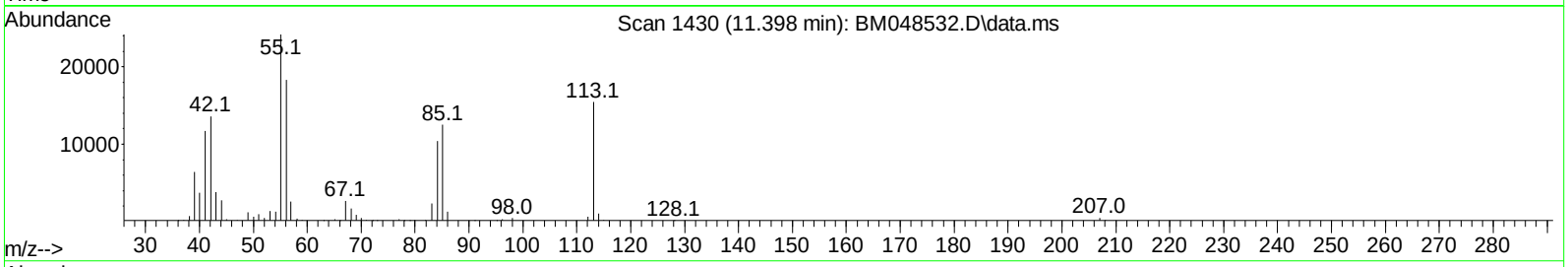

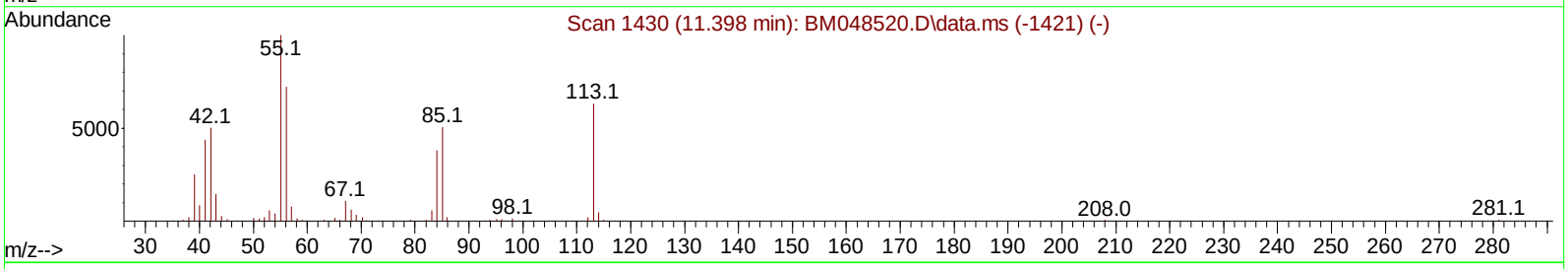

TIC: BM048532.D\data.ms

(34) Caprolactam

11.398min (+ 0.000) 20.78 ng/ul m

response 49969

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	173.10	156.63
56.00	130.10	118.51
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	7.663	152	127628	20.000	ng/ul	0.00
20) Naphthalene-d8	10.451	136	525115	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.310	164	320401	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.057	188	649486	20.000	ng/ul	0.00
79) Chrysene-d12	21.280	240	637983	20.000	ng/ul	0.00
88) Perylene-d12	24.197	264	742123	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.128	96	25859	8.077	ng/uL	0.00
4) Pyridine-d5	3.546	84	174759	19.807	ng/ul	0.00
7) Phenol-d5	6.845	99	203108	20.905	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.998	67	118370	20.284	ng/ul	0.00
11) 2-Chlorophenol-d4	7.198	132	172175	21.394	ng/ul	0.00
15) 4-Methylphenol-d8	8.381	113	166510	21.796	ng/ul	0.00
21) Nitrobenzene-d5	8.822	128	83637	21.975	ng/ul	0.00
24) 2-Nitrophenol-d4	9.539	143	86473	21.361	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.081	165	159815	21.251	ng/ul	0.00
31) 4-Chloroaniline-d4	10.592	131	219782	20.575	ng/ul	0.00
46) Dimethylphthalate-d6	13.727	166	431621	21.103	ng/ul	0.00
49) Acenaphthylene-d8	14.004	160	513959	21.314	ng/ul	0.00
54) 4-Nitrophenol-d4	14.533	143	76020	20.012	ng/ul	0.00
60) Fluorene-d10	15.310	176	378129	21.180	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.439	200	61903	18.946	ng/ul	0.00
73) Anthracene-d10	17.157	188	588235	21.402	ng/ul	0.00
81) Pyrene-d10	19.451	212	691441	21.596	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.997	264	740410	21.353	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.163	88	26802	7.628	ng/uL	94
5) Pyridine	3.563	79	178950	19.758	ng/ul	98
6) Benzaldehyde	6.810	77	127176	26.489	ng/ul	96
8) Phenol	6.875	94	207088	20.316	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.093	93	162658	20.305	ng/ul	97
12) 2-Chlorophenol	7.234	128	175541	21.054	ng/ul	98
13) 2-Methylphenol	8.116	108	161687	21.427	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.187	45	241876	20.532	ng/ul	98
16) Acetophenone	8.487	105	262963	22.083	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.469	70	125898	22.497	ng/ul	99
18) 4-Methylphenol	8.445	108	180282	21.820	ng/ul	100
19) Hexachloroethane	8.734	117	76135	21.608	ng/ul	98
22) Nitrobenzene	8.863	77	188539	21.848	ng/ul	98
23) Isophorone	9.392	82	340825	21.352	ng/ul	98
25) 2-Nitrophenol	9.575	139	94464	21.412	ng/ul	97
26) 2,4-Dimethylphenol	9.639	107	175335	21.277	ng/ul	97
27) Bis(2-Chloroethoxy)met...	9.869	93	208322	20.908	ng/ul	98
29) 2,4-Dichlorophenol	10.110	162	160831	21.083	ng/ul	96
30) Naphthalene	10.498	128	552332	20.781	ng/ul	99
32) 4-Chloroaniline	10.622	127	207701	20.621	ng/ul	99
33) Hexachlorobutadiene	10.786	225	107187	20.764	ng/ul	99
34) Caprolactam	11.398	113	49969m	20.783	ng/ul	
35) 4-Chloro-3-methylphenol	11.757	107	161116	21.827	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.122	142	359652	21.148	ng/ul	98
37) 1-Methylnaphthalene	12.339	142	366582	21.004	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.492	216	189509	20.641	ng/ul	99
40) Hexachlorocyclopentadiene	12.469	237	92418	19.693	ng/ul	98
41) 2,4,6-Trichlorophenol	12.739	196	123662	21.323	ng/ul	98
42) 2,4,5-Trichlorophenol	12.822	196	130766	21.173	ng/ul	97
43) 1,1'-Biphenyl	13.139	154	458006	20.906	ng/ul	100
44) 2-Chloronaphthalene	13.180	162	363839	21.046	ng/ul	98
45) 2-Nitroaniline	13.398	65	94477	21.762	ng/ul	98
47) Dimethylphthalate	13.774	163	430939	20.975	ng/ul	100
48) 2,6-Dinitrotoluene	13.898	165	84923	21.683	ng/ul	95
50) Acenaphthylene	14.033	152	563663	21.206	ng/ul	99
51) 3-Nitroaniline	14.227	138	94216	22.151	ng/ul	95
52) Acenaphthene	14.374	153	391694	20.932	ng/ul	99
53) 2,4-Dinitrophenol	14.445	184	35488	16.852	ng/ul	99
55) 4-Nitrophenol	14.551	109	54267	19.760	ng/ul	96
56) Dibenzofuran	14.716	168	544738	21.102	ng/ul	98
57) 2,4-Dinitrotoluene	14.692	165	124894	21.938	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	14.945	232	110323	21.474	ng/ul	98
59) Diethylphthalate	15.139	149	428255	21.157	ng/ul	99
61) Fluorene	15.363	166	430882	21.083	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.363	204	212390	21.093	ng/ul	98
63) 4-Nitroaniline	15.392	138	95064	22.698	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.451	198	68828	19.358	ng/ul	99
67) N-Nitrosodiphenylamine	15.574	169	362497	21.176	ng/ul	99
68) 4-Bromophenyl-phenylether	16.251	248	128241	20.936	ng/ul	97
69) Hexachlorobenzene	16.368	284	152453	20.622	ng/ul	98
70) Atrazine	16.533	200	129538	20.792	ng/ul	98
71) Pentachlorophenol	16.715	266	97438	20.739	ng/ul	99
72) Phenanthrene	17.098	178	674321	20.934	ng/ul	99
74) Anthracene	17.192	178	689658	21.333	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.104	216	186482	20.127	ng/uL	98
76) Pentachlorobenzene	14.633	250	184574	20.446	ng/uL	99
77) Carbazole	17.468	167	634586	21.793	ng/ul	99
78) Di-n-butylphthalate	18.027	149	765632	22.365	ng/ul	99
80) Fluoranthene	19.121	202	797808	21.475	ng/ul	99
82) Pyrene	19.480	202	866115	21.501	ng/ul	100
83) Butylbenzylphthalate	20.386	149	358515	23.170	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.192	252	269748	23.271	ng/ul	99
85) Benzo(a)anthracene	21.268	228	860293	21.391	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.192	149	518478	22.969	ng/ul	98
87) Chrysene	21.327	228	819234	21.198	ng/ul	99
89) Di-n-octyl phthalate	22.292	149	914171	21.851	ng/ul	100
90) Benzo(b)fluoranthene	23.274	252	862691	21.117	ng/ul	100
91) Benzo(k)fluoranthene	23.339	252	876801	21.526	ng/ul	100
93) Benzo(a)pyrene	24.056	252	815271	21.226	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	27.468	276	1047580	20.987	ng/ul	99
95) Dibenzo(a,h)anthracene	27.515	278	841015	20.628	ng/ul	99
96) Benzo(g,h,i)perylene	28.485	276	867320	22.161	ng/ul	99

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

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