Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041524\
Data File : BM045259.D
Acq On : 16 Apr 2024 00:23
Operator : MA/JU
Sample : PB160168BS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Apr 16 00:54:35 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM040524.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Apr 15 22:24:11 2024
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SLCS168

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 04/17/2024
Supervised By :mohammad ahmed 04/18/2024

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04/18/2024
04/17/2024
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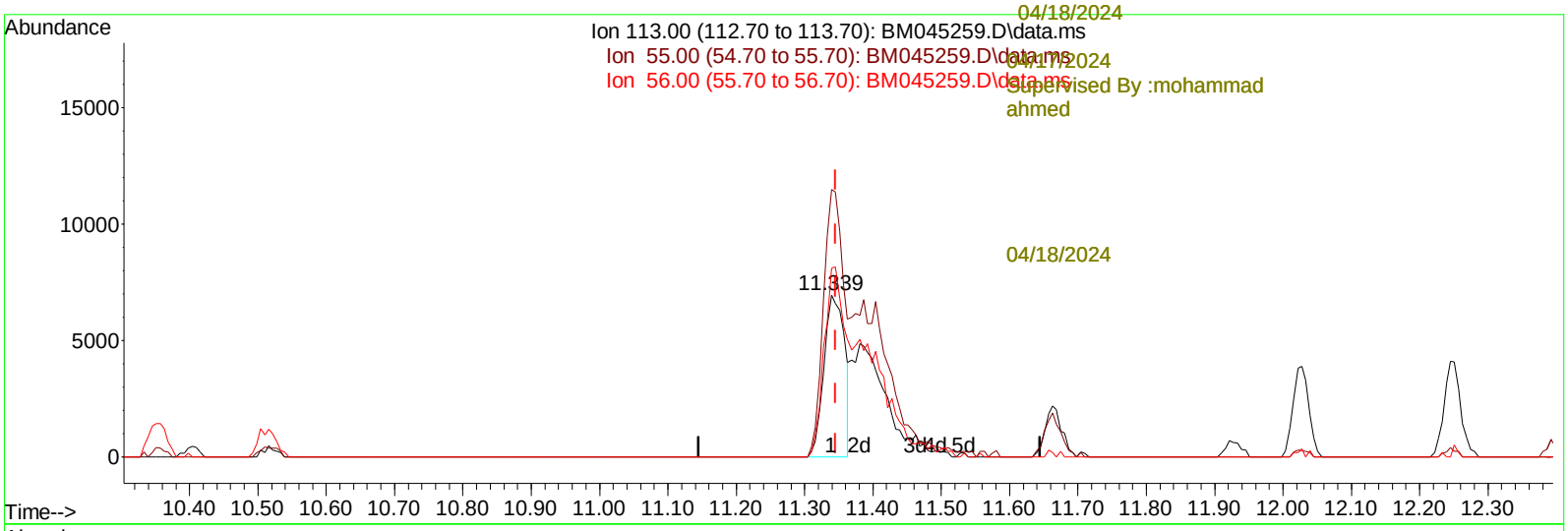
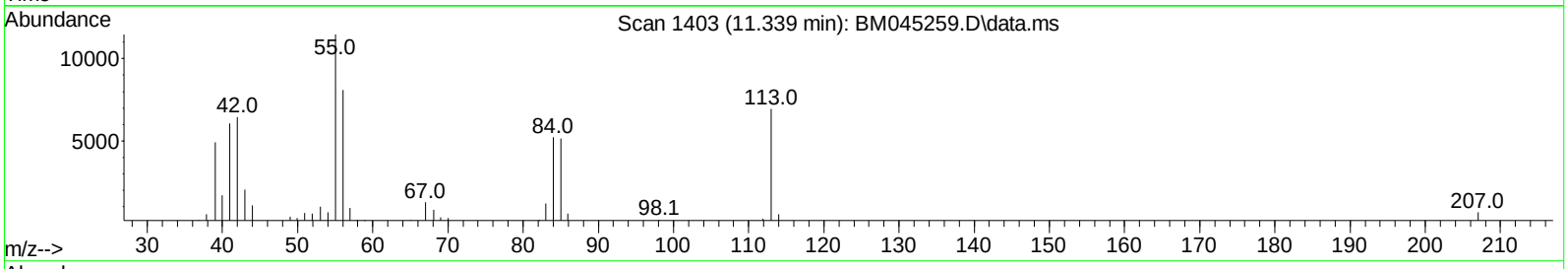
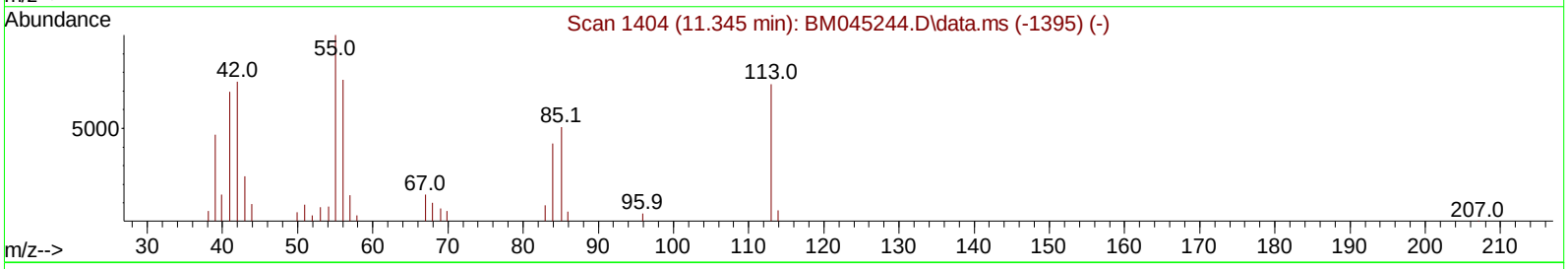
04/18/2024







TIC: BM045259.D\data.ms

(34) Caprolactam

11.339min (-0.006) 13.91 ng/ul

response 14580

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	156.70	165.34
56.00	114.80	116.91
0.00	0.00	0.00

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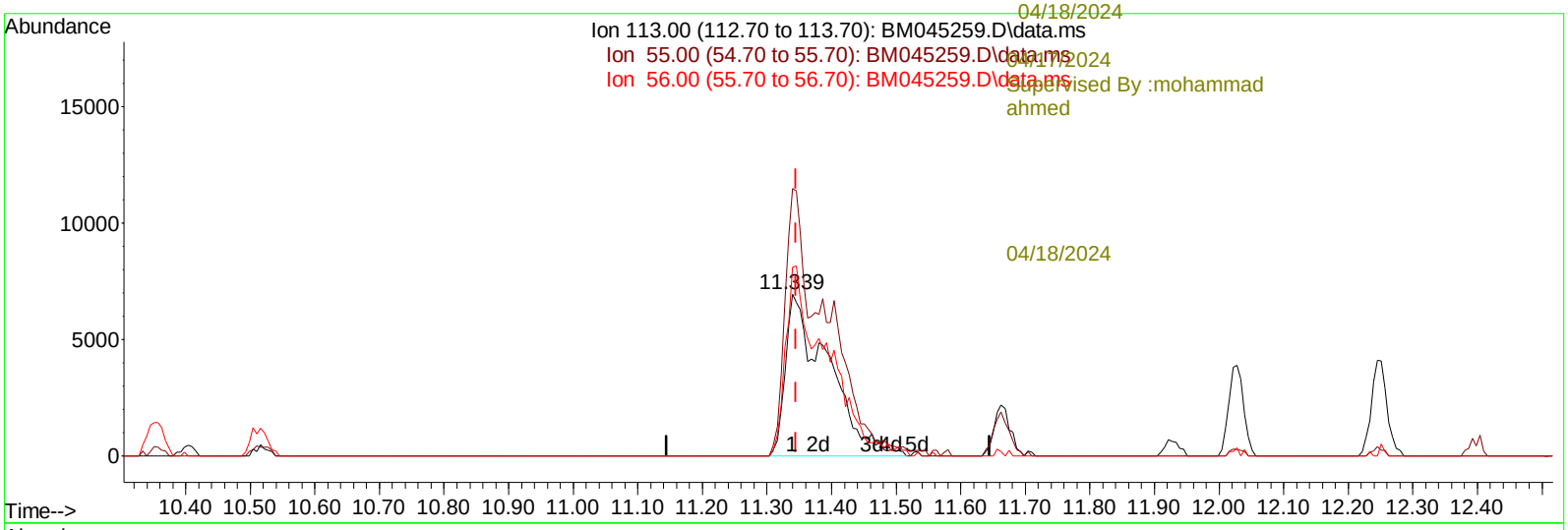

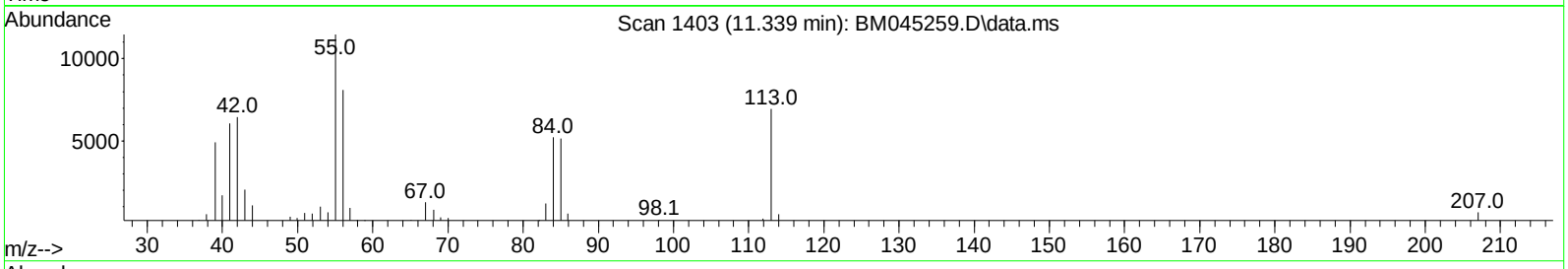

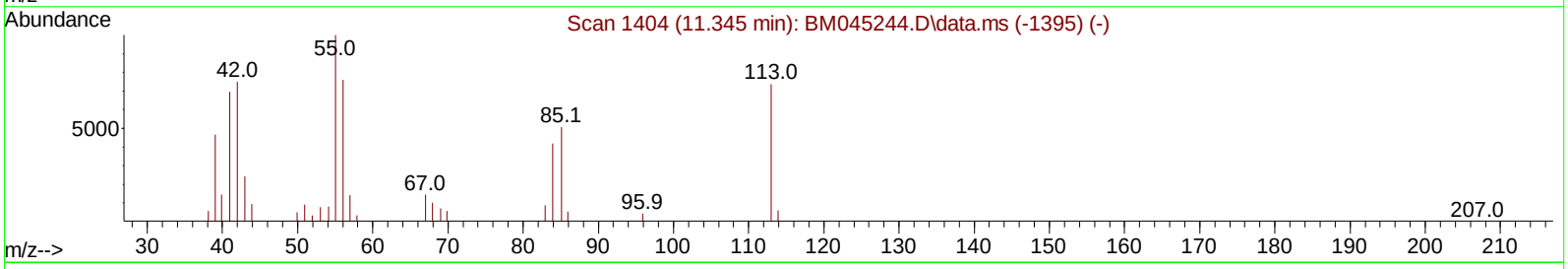

TIC: BM045259.D\data.ms

(34) Caprolactam

11.339min (-0.006) 30.25 ng/ul m

response 31700

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	156.70	165.34
56.00	114.80	116.91
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	7.587	152	50852	20.000	ng/ul	0.00
20) Naphthalene-d8	10.351	136	206670	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.233	164	130167	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.998	188	248148	20.000	ng/ul	0.00
79) Chrysene-d12	21.209	240	234751	20.000	ng/ul	0.00
88) Perylene-d12	23.409	264	279985	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.175	96	9160	6.726	ng/uL	0.00
4) Pyridine-d5	3.569	84	101994	27.542	ng/ul	-0.01
7) Phenol-d5	6.769	99	135603	31.455	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.940	67	87817	34.191	ng/ul	0.00
11) 2-Chlorophenol-d4	7.116	132	117998	34.937	ng/ul	0.00
15) 4-Methylphenol-d8	8.298	113	108493	32.152	ng/ul	0.00
21) Nitrobenzene-d5	8.745	128	56379	35.515	ng/ul	0.00
24) 2-Nitrophenol-d4	9.457	143	61320	36.596	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.986	165	112512	36.624	ng/ul	0.00
31) 4-Chloroaniline-d4	10.516	131	149450	30.555	ng/ul	0.00
46) Dimethylphthalate-d6	13.663	166	325284	35.891	ng/ul	0.00
49) Acenaphthylene-d8	13.927	160	363717	33.970	ng/ul	0.00
54) 4-Nitrophenol-d4	14.474	143	55583	29.386	ng/ul	0.00
60) Fluorene-d10	15.239	176	271478	33.599	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.386	200	49448	33.608	ng/ul	0.00
73) Anthracene-d10	17.098	188	397757	35.632	ng/ul	0.00
81) Pyrene-d10	19.403	212	456558	39.498	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.274	264	524113	38.373	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.210	88	13466	9.468	ng/uL	95
5) Pyridine	3.587	79	104598	26.657	ng/ul	95
6) Benzaldehyde	6.751	77	79633	39.848	ng/ul	99
8) Phenol	6.792	94	136243	30.519	ng/ul	95
10) Bis(2-Chloroethyl)ether	7.034	93	111504	32.004	ng/ul	98
12) 2-Chlorophenol	7.151	128	116715	32.933	ng/ul	99
13) 2-Methylphenol	8.028	108	100279	30.432	ng/ul	91
14) 2,2'-oxybis(1-Chloropr...	8.104	45	136312	32.803	ng/ul	97
16) Acetophenone	8.416	105	167930	30.610	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.398	70	87551	33.799	ng/ul	91
18) 4-Methylphenol	8.357	108	112260	31.608	ng/ul	99
19) Hexachloroethane	8.634	117	54026	34.660	ng/ul	97
22) Nitrobenzene	8.786	77	131849	33.852	ng/ul	97
23) Isophorone	9.310	82	243776	34.066	ng/ul	99
25) 2-Nitrophenol	9.486	139	66509	35.762	ng/ul#	90
26) 2,4-Dimethylphenol	9.551	107	90540	25.252	ng/ul	98
27) Bis(2-Chloroethoxy)met...	9.792	93	148335	34.966	ng/ul	97
29) 2,4-Dichlorophenol	10.010	162	109122	35.158	ng/ul	98
30) Naphthalene	10.404	128	355467	32.491	ng/ul	98
32) 4-Chloroaniline	10.539	127	137184	28.824	ng/ul	100
33) Hexachlorobutadiene	10.669	225	64341	33.340	ng/ul	91
34) Caprolactam	11.339	113	31700m	30.252	ng/ul	
35) 4-Chloro-3-methylphenol	11.663	107	105278	34.121	ng/ul	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.027	142	244574	34.238	ng/ul	100
37) 1-Methylnaphthalene	12.251	142	246304	34.073	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.398	216	122367	34.374	ng/ul	99
40) Hexachlorocyclopentadiene	12.357	237	62832	29.157	ng/ul	100
41) 2,4,6-Trichlorophenol	12.651	196	80929	34.850	ng/ul	100
42) 2,4,5-Trichlorophenol	12.727	196	90457	35.353	ng/ul	96
43) 1,1'-Biphenyl	13.063	154	314474	34.213	ng/ul	98
44) 2-Chloronaphthalene	13.098	162	243440	32.599	ng/ul	98
45) 2-Nitroaniline	13.333	65	69292	33.614	ng/ul	97
47) Dimethylphthalate	13.710	163	318098	33.579	ng/ul	100
48) 2,6-Dinitrotoluene	13.839	165	62098	33.444	ng/ul#	85
50) Acenaphthylene	13.957	152	398122	31.837	ng/ul	98
51) 3-Nitroaniline	14.174	138	62529	30.873	ng/ul	88
52) Acenaphthene	14.298	153	264907	31.747	ng/ul	99
53) 2,4-Dinitrophenol	14.392	184	31596	28.622	ng/ul	88
55) 4-Nitrophenol	14.486	109	51243	30.804	ng/ul	90
56) Dibenzofuran	14.639	168	358373	31.385	ng/ul	97
57) 2,4-Dinitrotoluene	14.639	165	88264	31.758	ng/ul#	80
58) 2,3,4,6-Tetrachlorophenol	14.868	232	72205	32.973	ng/ul	98
59) Diethylphthalate	15.086	149	334560	34.618	ng/ul	98
61) Fluorene	15.292	166	288566	29.984	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.298	204	139348	30.891	ng/ul	97
63) 4-Nitroaniline	15.351	138	57174	31.050	ng/ul	89
66) 4,6-Dinitro-2-methylph...	15.398	198	52926	33.589	ng/ul	98
67) N-Nitrosodiphenylamine	15.515	169	251065	37.505	ng/ul	100
68) 4-Bromophenyl-phenylether	16.192	248	90497	37.445	ng/ul	97
69) Hexachlorobenzene	16.292	284	109486	34.826	ng/ul	96
70) Atrazine	16.486	200	88051	35.759	ng/ul	98
71) Pentachlorophenol	16.645	266	65583	34.342	ng/ul	93
72) Phenanthrene	17.039	178	451924	33.842	ng/ul	99
74) Anthracene	17.133	178	453960	33.233	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.016	216	120267	38.453	ng/uL	99
76) Pentachlorobenzene	14.551	250	120956	36.348	ng/uL	97
77) Carbazole	17.415	167	429058	32.575	ng/ul	99
78) Di-n-butylphthalate	17.986	149	603232	40.611	ng/ul	100
80) Fluoranthene	19.068	202	524391	38.463	ng/ul	99
82) Pyrene	19.433	202	563997	38.335	ng/ul	99
83) Butylbenzylphthalate	20.356	149	268961	43.634	ng/ul	90
84) 3,3'-Dichlorobenzidine	21.139	252	179661	34.420	ng/ul	95
85) Benzo(a)anthracene	21.192	228	541652	34.005	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.139	149	418088	43.392	ng/ul	97
87) Chrysene	21.244	228	510687	34.393	ng/ul	99
89) Di-n-octyl phthalate	22.015	149	720089	40.877	ng/ul	100
90) Benzo(b)fluoranthene	22.750	252	598535	36.678	ng/ul	98
91) Benzo(k)fluoranthene	22.797	252	589285	35.877	ng/ul	99
93) Benzo(a)pyrene	23.315	252	513047	32.304	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.615	276	775031	37.673	ng/ul	99
95) Dibenzo(a,h)anthracene	25.632	278	632154	36.753	ng/ul	99
96) Benzo(g,h,i)perylene	26.285	276	605669	37.319	ng/ul	99

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

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