Quantitation Report (QT Reviewed)

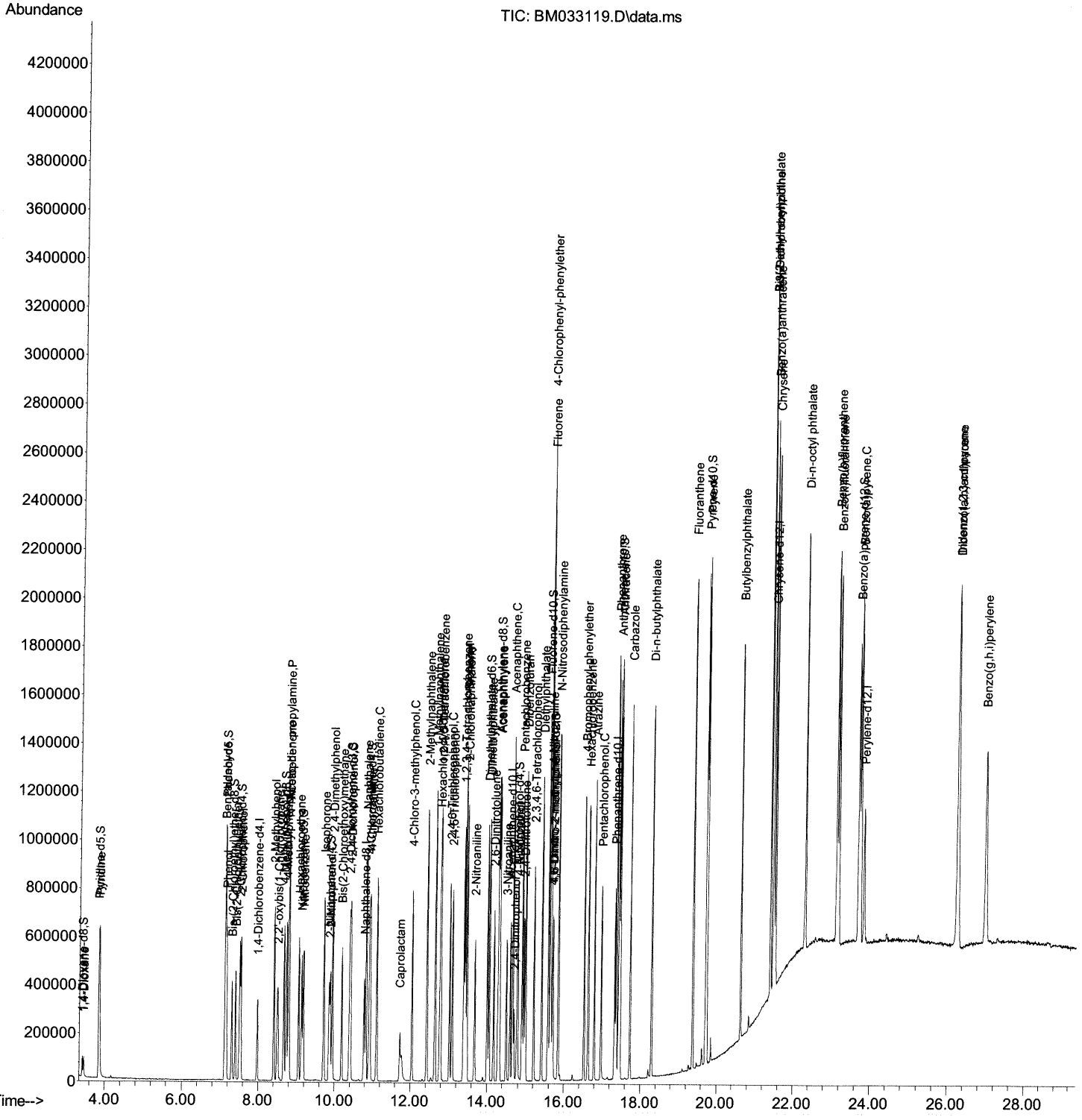
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111721\
Data File : BM033119.D
Acq On : 17 Nov 2021 12:23
Operator : CG/JU
Sample : SSTD04007
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Nov 17 12:54:21 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM111721.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 17 12:32:12 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTD040007

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 11/17/2021
Supervised By :mohammad ahmed 11/26/2021



Quantitation Report (Qedit)

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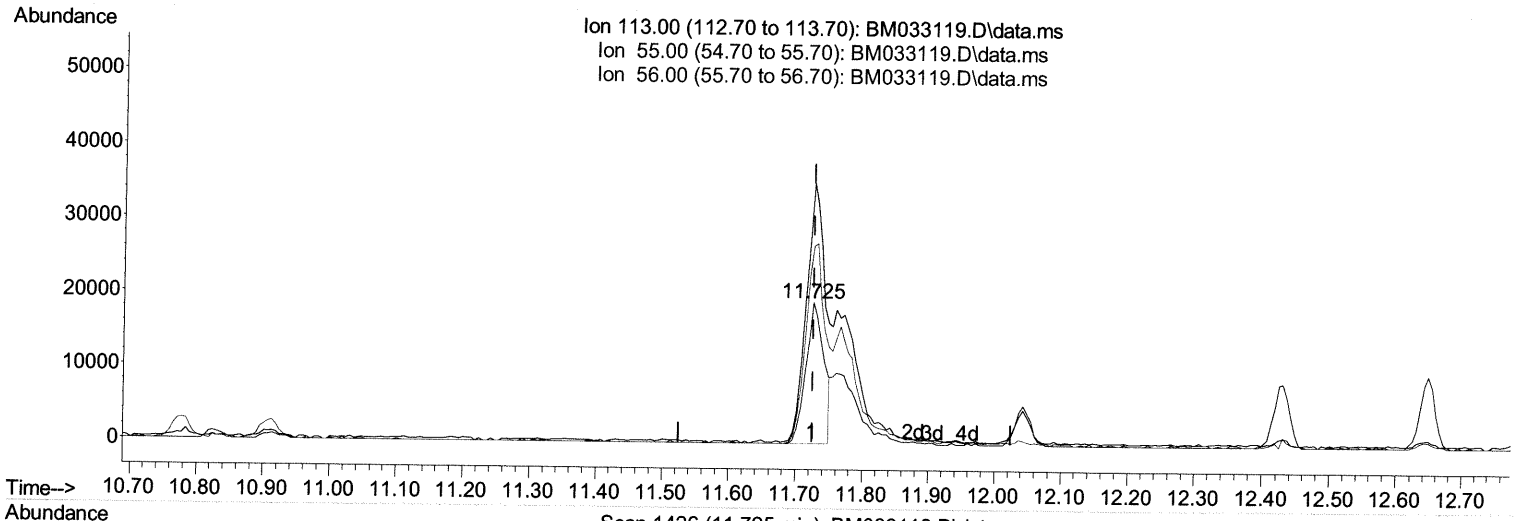

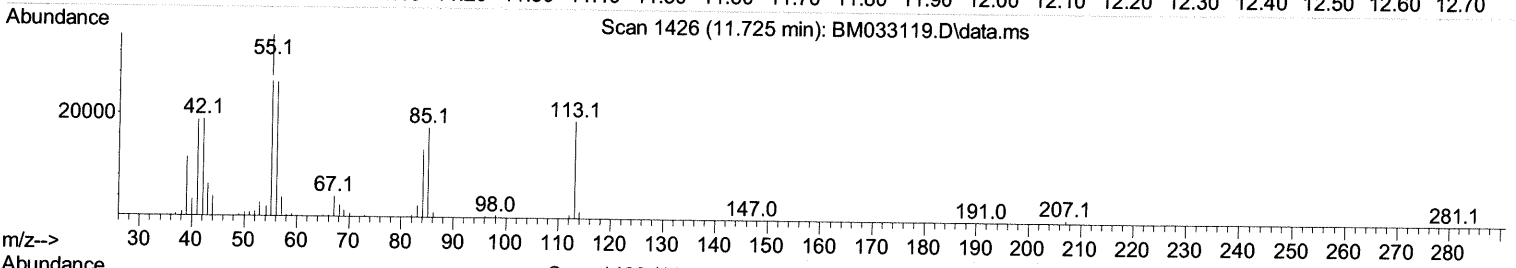

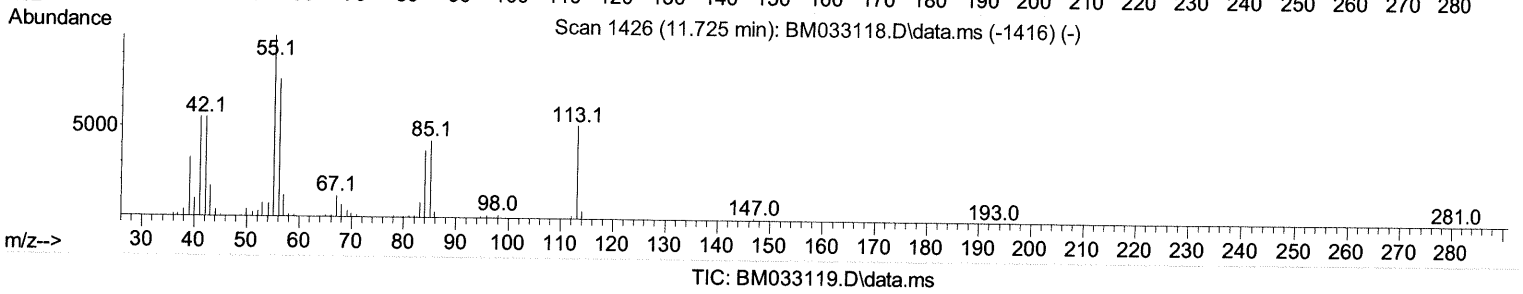

TIC: BM033119.D\data.ms

(34) Caprolactam

11.725min (-0.000) 19.46 ng/ul

response 35641

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	196.60	184.92
56.00	147.80	140.11
0.00	0.00	0.00

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Quant Title : SVOA CALIBRATION
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Instrument :
BNA_M
ClientSampleId :
SSTD040007

Manual IntegrationsAPPROVED

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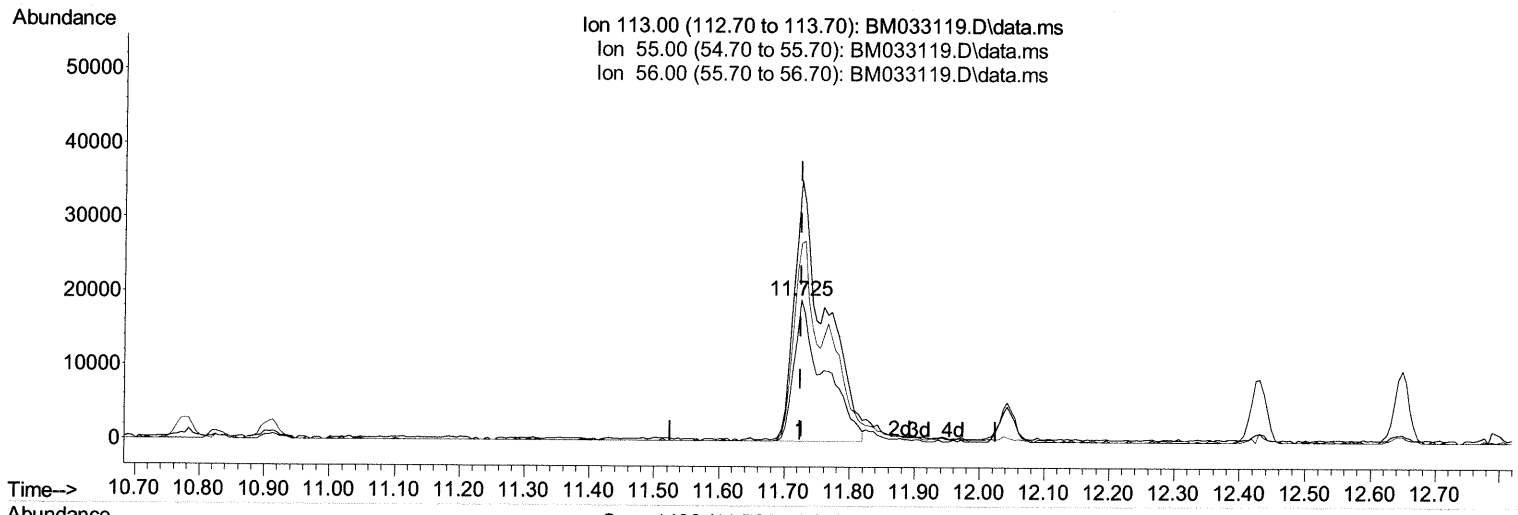

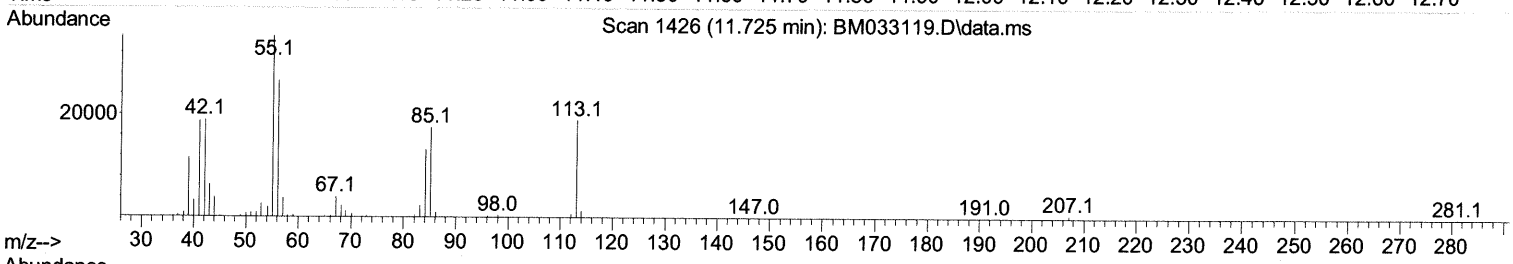

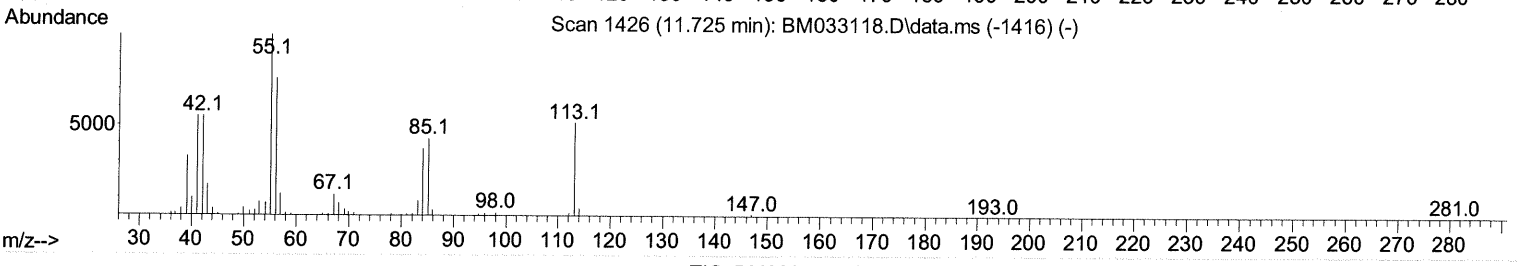

TIC: BM033119.D\data.ms

(34) Caprolactam

11.725min (-0.000) 33.22 ng/ul m 11/24/21 JU

response 60845

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	196.60	184.92
56.00	147.80	140.11
0.00	0.00	0.00

Quantitation Report (Qedit)

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Data File : BM033119.D
Acq On : 17 Nov 2021 12:23
Operator : CG/JU
Sample : SSTD04007
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Nov 17 12:54:21 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM111721.M
Quant Title : SVOA CALIBRATION
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Instrument :
BNA_M
ClientSampleId :
SSTD040007

Manual IntegrationsAPPROVED

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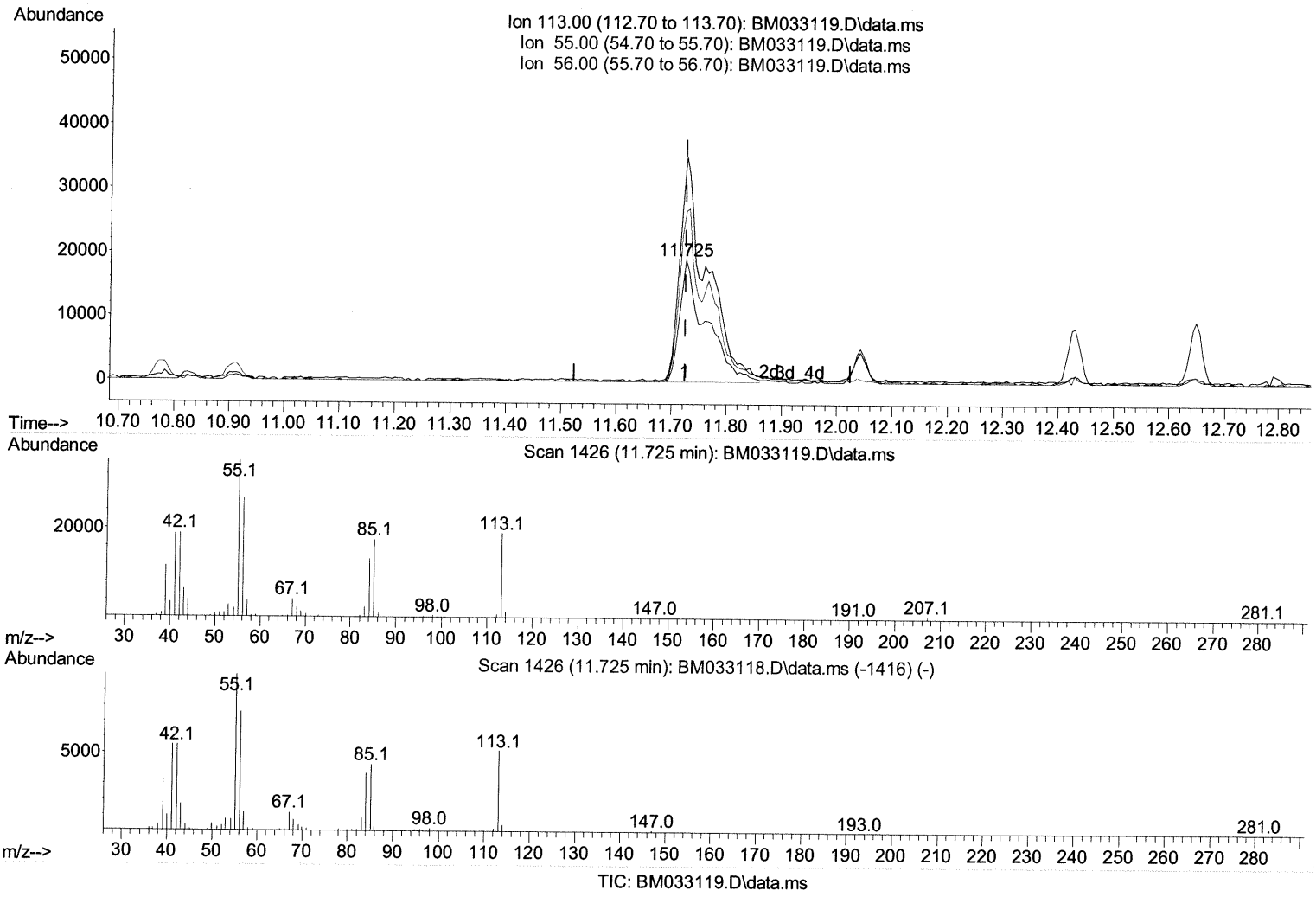

TIC: BM033119.D\data.ms

(34) Caprolactam

11.725min (-0.000) 34.45 ng/ul m 11/29/21 JU

response 63101

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	196.60	184.92
56.00	147.80	140.11
0.00	0.00	0.00

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Operator : CG/JU
Sample : SSTD04007
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Nov 17 12:54:21 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM111721.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 17 12:32:12 2021
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Instrument :
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ClientSampleId :
SSTD040007

Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.978	152	85305	20.000	ng/ul	0.00
20) Naphthalene-d8	10.778	136	340916	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.595	164	222390	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.330	188	470303	20.000	ng/ul	0.00
79) Chrysene-d12	21.483	240	446963	20.000	ng/ul	0.00
88) Perylene-d12	23.836	264	436362	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.425	96	35176	16.532	ng/uL	0.00
4) Pyridine-d5	3.843	84	248259	41.304	ng/ul	0.00
7) Phenol-d5	7.131	99	290949	40.109	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.307	67	184051	44.190	ng/ul	0.00
11) 2-Chlorophenol-d4	7.507	132	228041	41.174	ng/ul	0.00
15) 4-Methylphenol-d8	8.672	113	226071	38.586	ng/ul	0.00
21) Nitrobenzene-d5	9.136	128	104644	43.504	ng/ul	0.00
24) 2-Nitrophenol-d4	9.860	143	107293	41.382	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.389	165	239498	46.402	ng/ul	0.00
31) 4-Chloroaniline-d4	10.913	131	302083	39.680	ng/ul	0.00
46) Dimethylphthalate-d6	14.007	166	667691	43.383	ng/ul	0.00
49) Acenaphthylene-d8	14.289	160	870995	46.585	ng/ul	0.00
54) 4-Nitrophenol-d4	14.777	143	109990	36.390	ng/ul	0.00
60) Fluorene-d10	15.583	176	599111	45.899	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.695	200	88263	32.930	ng/ul	0.00
73) Anthracene-d10	17.430	188	923408	45.106	ng/ul	0.00
81) Pyrene-d10	19.706	212	1079811	48.022	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.688	264	974509	44.595	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.460	88	37171	16.050	ng/uL	91
5) Pyridine	3.866	79	253710	42.682	ng/ul	99
6) Benzaldehyde	7.119	77	201215	58.927	ng/ul	98
8) Phenol	7.160	94	288475	39.257	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.401	93	228448	39.509	ng/ul	99
12) 2-Chlorophenol	7.542	128	233269	40.769	ng/ul	97
13) 2-Methylphenol	8.407	108	222489	39.482	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.507	45	356183	49.742	ng/ul	99
16) Acetophenone	8.801	105	358506	41.767	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.789	70	192979	45.536	ng/ul	99
18) 4-Methylphenol	8.736	108	234405	39.686	ng/ul	99
19) Hexachloroethane	9.060	117	107403	47.186	ng/ul	98
22) Nitrobenzene	9.184	77	287887	50.411	ng/ul	99
23) Isophorone	9.713	82	513614	46.617	ng/ul	99
25) 2-Nitrophenol	9.889	139	115443	40.748	ng/ul	95
26) 2,4-Dimethylphenol	9.942	107	282399	46.620	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.183	93	304097	41.618	ng/ul	96
29) 2,4-Dichlorophenol	10.419	162	228660	45.004	ng/ul	95
30) Naphthalene	10.830	128	742535	42.498	ng/ul	98
32) 4-Chloroaniline	10.930	127	304108	39.787	ng/ul	99
33) Hexachlorobutadiene	11.107	225	174465	53.224	ng/ul	99
34) Caprolactam	11.725	113	63101m	> 34.451	ng/ul	> 11/24/21JJ
35) 4-Chloro-3-methylphenol	12.042	107	248016	44.361	ng/ul	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.430	142	511104	43.009	ng/ul	100
37) 1-Methylnaphthalene	12.648	142	524418	43.337	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.789	216	299665	48.867	ng/ul	99
40) Hexachlorocyclopentadiene	12.772	237	209099	58.518	ng/ul	100
41) 2,4,6-Trichlorophenol	13.030	196	183058	46.613	ng/ul	94
42) 2,4,5-Trichlorophenol	13.095	196	196455	45.587	ng/ul	99
43) 1,1'-Biphenyl	13.436	154	693650	43.503	ng/ul	98
44) 2-Chloronaphthalene	13.477	162	536840	44.176	ng/ul	100
45) 2-Nitroaniline	13.677	65	156015	48.074	ng/ul	96
47) Dimethylphthalate	14.054	163	647297	41.993	ng/ul	99
48) 2,6-Dinitrotoluene	14.171	165	120324	41.888	ng/ul	92
50) Acenaphthylene	14.318	152	869258	43.939	ng/ul	99
51) 3-Nitroaniline	14.495	138	120320	40.072	ng/ul	94
52) Acenaphthene	14.660	153	565227	43.269	ng/ul	97
53) 2,4-Dinitrophenol	14.701	184	53396	28.900	ng/ul	99
55) 4-Nitrophenol	14.795	109	111456	45.693	ng/ul	97
56) Dibenzofuran	14.995	168	819879	43.309	ng/ul	99
57) 2,4-Dinitrotoluene	14.954	165	170853	40.240	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.213	232	161374	46.109	ng/ul	99
59) Diethylphthalate	15.413	149	650664	42.313	ng/ul	99
61) Fluorene	15.642	166	655795	45.084	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.636	204	339200	46.167	ng/ul	99
63) 4-Nitroaniline	15.654	138	124442	44.832	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.707	198	90091	34.198	ng/ul	91
67) N-Nitrosodiphenylamine	15.848	169	558611	42.572	ng/ul	99
68) 4-Bromophenyl-phenylether	16.524	248	211408	46.641	ng/ul	97
69) Hexachlorobenzene	16.636	284	244582	46.846	ng/ul	97
70) Atrazine	16.795	200	216656	43.687	ng/ul	100
71) Pentachlorophenol	16.977	266	140668	44.695	ng/ul	99
72) Phenanthrene	17.371	178	1059695	43.656	ng/ul	99
74) Anthracene	17.465	178	1055993	43.307	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.395	216	309796	46.917	ng/uL	99
76) Pentachlorobenzene	14.907	250	305727	46.619	ng/uL	99
77) Carbazole	17.730	167	944026	43.408	ng/ul	99
78) Di-n-butylphthalate	18.295	149	1080509	43.006	ng/ul	99
80) Fluoranthene	19.377	202	1250335	45.068	ng/ul	100
82) Pyrene	19.736	202	1266268	44.429	ng/ul	99
83) Butylbenzylphthalate	20.624	149	462803	42.793	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.400	252	433104	53.440	ng/ul	98
85) Benzo(a)anthracene	21.471	228	1186678	44.027	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.394	149	653468	43.464	ng/ul	100
87) Chrysene	21.524	228	1144511	43.125	ng/ul	98
89) Di-n-octyl phthalate	22.306	149	1090259	43.870	ng/ul	100
90) Benzo(b)fluoranthene	23.124	252	1221222	46.000	ng/ul	98
91) Benzo(k)fluoranthene	23.171	252	1078105	44.773	ng/ul	99
93) Benzo(a)pyrene	23.736	252	1154711	45.973	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.253	276	1264531	45.546	ng/ul	98
95) Dibenzo(a,h)anthracene	26.265	278	1080478	45.355	ng/ul	98
96) Benzo(g,h,i)perylene	26.988	276	1099188	45.243	ng/ul	99

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