

Data File : BM022787.D

Operator : JU

Misc :

Instrument :

BNA M

ClientSampleId :

SSTD02054

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Fri Sep 27 15:30:29 2019

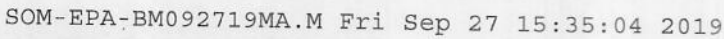
Response via : Initial Calibration

Manual Integrations

APPROVED

mohammad

9/30/2019 8:14:20 AM



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM092719\

Data File : BM022787.D

Acq On : 27 Sep 2019 15:07

Operator : JU

Sample : SSTD02054

Misc :

ALS Vial : 5 Sample Multiplier: 1

Quant Time: Sep 27 15:44:29 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Fri Sep 27 15:30:29 2019

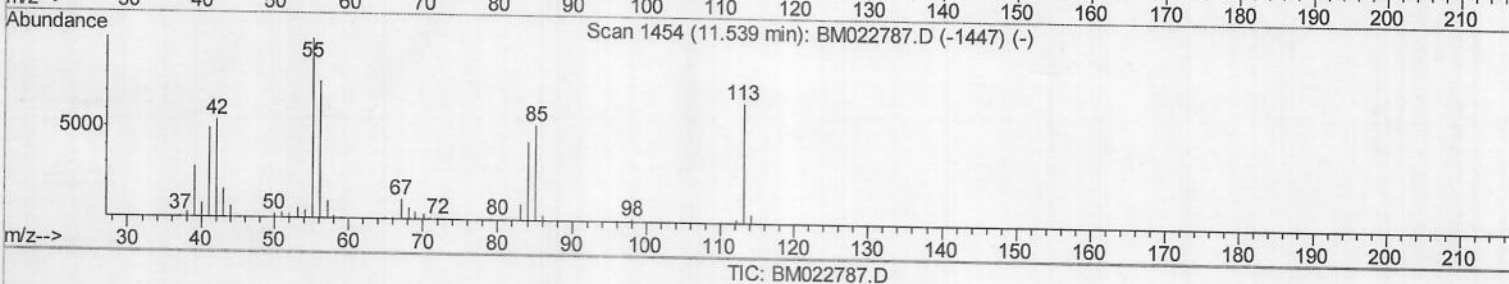
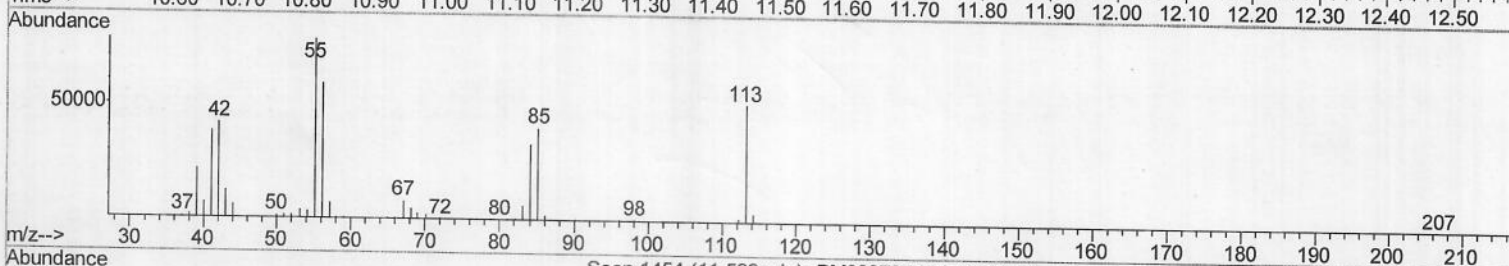
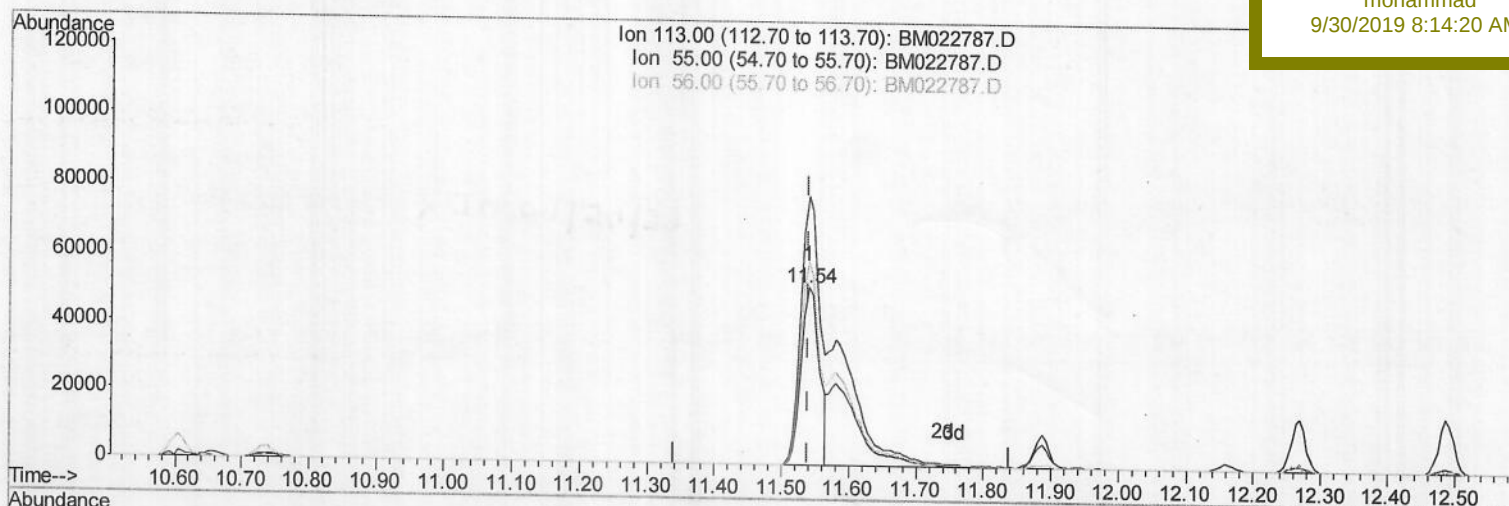
Response via : Initial Calibration

Instrument :

BNA_M

ClientSampleId :

SSTD02054

Manual Integrations
APPROVEDmohammad
9/30/2019 8:14:20 AM

(32) Caprolactam

11.539min (0.000) 15.06ng/ul

response 95429

Ion	Exp%	Act%
113.00	100	100
55.00	150.70	150.70
56.00	114.30	114.33
0.00	0.00	0.00

Quantitation Report (Qedit)

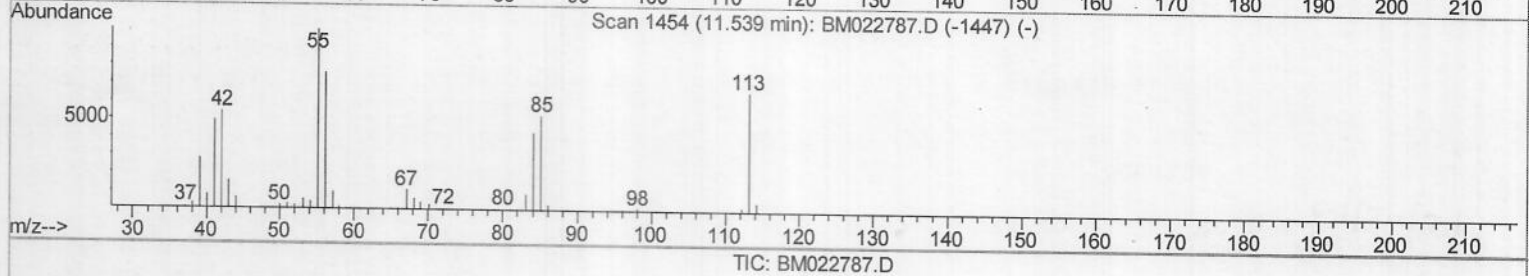
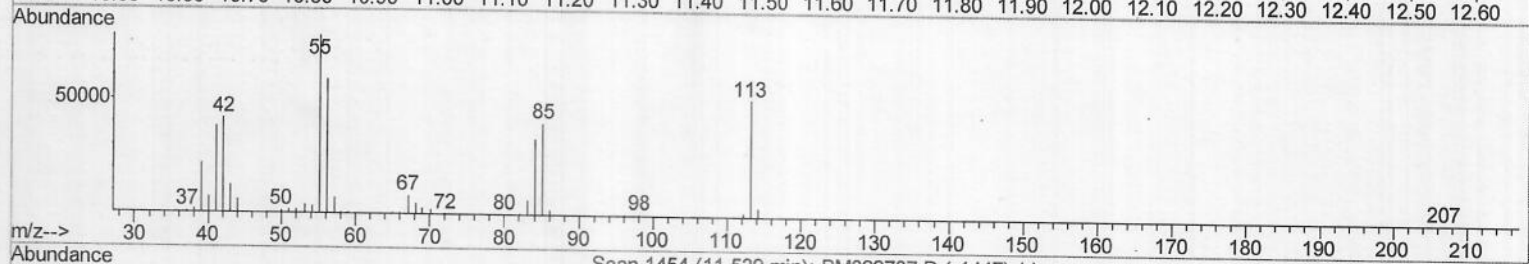
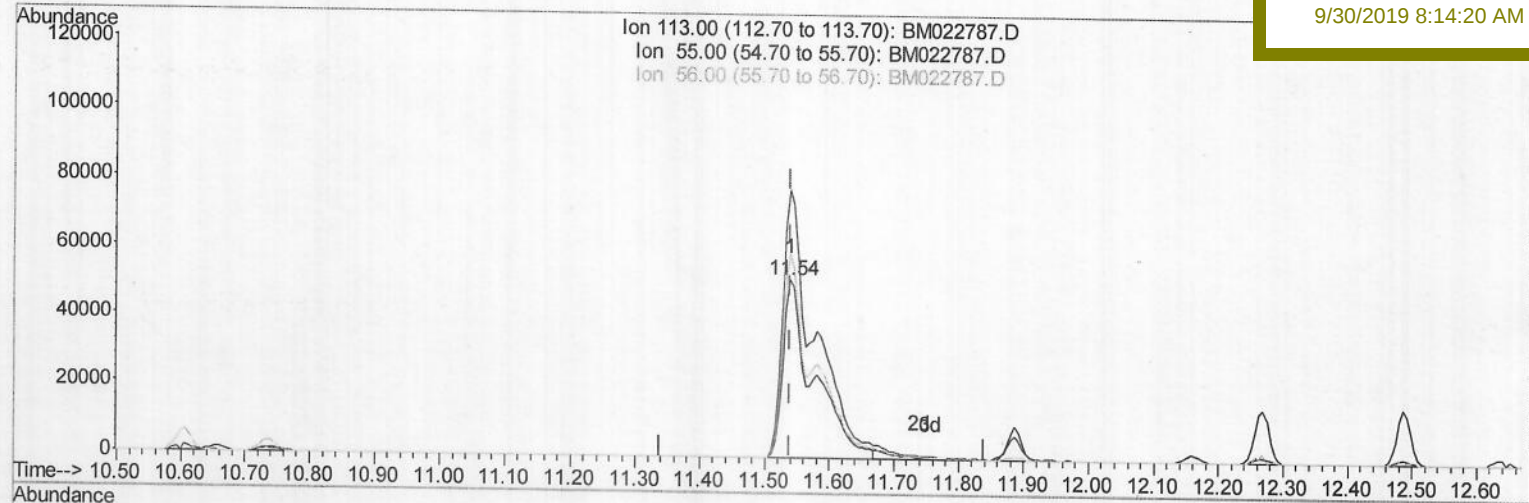
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM092719\
 Data File : BM022787.D
 Acq On : 27 Sep 2019 15:07
 Operator : JU
 Sample : SST02054
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Quant Time: Sep 27 15:44:29 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Sep 27 15:30:29 2019
 Response via : Initial Calibration

Instrument :
 BNA_M
ClientSampleId :
 SST02054

Manual Integrations
APPROVED

mohammad
 9/30/2019 8:14:20 AM



(32) Caprolactam

11.539min (0.000) 26.63ng/ul m > JU 10/4/19

response 168753

Ion	Exp%	Act%
113.00	100	100
55.00	150.70	150.70
56.00	114.30	114.33
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM092719\
 Data File : BM022787.D
 Acq On : 27 Sep 2019 15:07
 Operator : JU
 Sample : SSTD02054
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 Client Sampled :
 SSTD02054

Manual Integrations
 APPROVED

mohammad
 9/30/2019 8:14:20 AM

Quant Time: Sep 27 15:45:43 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Sep 27 15:30:29 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	227714	20.00	ng/ul	0.00
18) Naphthalene-d8	10.60	136	1020947	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.45	164	659781	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.19	188	1379736	20.00	ng/ul	0.00
78) Chrysene-d12	21.37	240	1430450	20.00	ng/ul	0.00
86) Perylene-d12	23.64	264	1580759	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.27	96	41296	7.56	ng/uL	0.00
5) Phenol-d5	6.97	99	501823	23.89	ng/ul	0.00
7) Bis-(2-Chloroethyl) ether-d	7.15	67	278295	23.12	ng/ul	0.00
9) 2-Chlorophenol-d4	7.35	132	410292	24.73	ng/ul	0.00
13) 4-Methylphenol-d8	8.52	113	418835	24.52	ng/ul	0.00
19) Nitrobenzene-d5	8.96	128	200403	27.21	ng/ul	0.00
22) 2-Nitrophenol-d4	9.69	143	222917	32.82	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.23	165	443680	25.73	ng/ul	0.00
29) 4-Chloroaniline-d4	10.73	131	593970	26.07	ng/ul	0.00
44) Dimethylphthalate-d6	13.86	166	1300376	24.32	ng/ul	0.00
47) Acenaphthylene-d8	14.14	160	1635228	25.54	ng/ul	0.00
52) 4-Nitrophenol-d4	14.64	143	260625	28.54	ng/ul	0.00
58) Fluorene-d10	15.44	176	1112716	24.86	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.56	200	223667	35.67	ng/ul	0.00
71) Anthracene-d10	17.29	188	1755190	24.83	ng/ul	0.00
79) Pyrene-d10	19.58	212	1958726	24.68	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.50	264	2054776	24.18	ng/ul	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.30	88	42249	7.684	ng/uL	100
4) Benzaldehyde	6.95	77	254563	23.208	ng/ul	100
6) Phenol	7.00	94	513693	23.404	ng/ul	100
8) Bis(2-Chloroethyl) ether	7.23	93	391421	23.480	ng/ul	100
10) 2-Chlorophenol	7.37	128	419590	24.061	ng/ul	100
11) 2-Methylphenol	8.25	108	401568	23.443	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.35	45	543906	22.185	ng/ul	100
14) Acetophenone	8.63	105	630722	23.669	ng/ul	100
15) N-Nitroso-di-n-propylamine	8.62	70	322828	22.428	ng/ul	100
16) 4-Methylphenol	8.58	108	440721	23.828	ng/ul	100
17) Hexachloroethane	8.89	117	151401	21.915	ng/ul	100
20) Nitrobenzene	9.01	77	459942	24.958	ng/ul	100
21) Isophorone	9.54	82	908435	21.999	ng/ul	100
23) 2-Nitrophenol	9.72	139	247580	30.711	ng/ul	100
24) 2,4-Dimethylphenol	9.78	107	476678	23.584	ng/ul	100
25) Bis(2-Chloroethoxy)methane	10.02	93	575037	23.750	ng/ul	100
27) 2,4-Dichlorophenol	10.25	162	429344	25.218	ng/ul	100
28) Naphthalene	10.66	128	1350833	23.865	ng/ul	100
30) 4-Chloroaniline	10.76	127	593137	25.348	ng/ul	100
31) Hexachlorobutadiene	10.95	225	251122	23.942	ng/ul	100
32) Caprolactam	11.54	113	168753m	26.628	ng/ul	100
33) 4-Chloro-3-methylphenol	11.89	107	450503	23.978	ng/ul	100
34) 2-Methylnaphthalene	12.27	142	1022876	23.986	ng/ul	100

3 JU 20/04/19

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM092719\
 Data File : BM022787.D
 Acq On : 27 Sep 2019 15:07
 Operator : JU
 Sample : SST02054
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Quant Time: Sep 27 15:45:43 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Sep 27 15:30:29 2019
 Response via : Initial Calibration

Instrument :
 BNA_M
 ClientSampleID :
 SST02054

Manual Integrations
 APPROVED

mohammad
 9/30/2019 8:14:20 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.49	142	993860	24.392	ng/ul	100
37) 1,2,4,5-Tetrachlorobenzene	12.64	216	526401	24.727	ng/ul	100
38) Hexachlorocyclopentadiene	12.63	237	318941	24.303	ng/ul	100
39) 2,4,6-Trichlorophenol	12.88	196	358773	26.923	ng/ul	100
40) 2,4,5-Trichlorophenol	12.95	196	383514	26.539	ng/ul	100
41) 1,1'-Biphenyl	13.28	154	1316992	23.971	ng/ul	100
42) 2-Chloronaphthalene	13.32	162	1022038	24.570	ng/ul	100
43) 2-Nitroaniline	13.52	65	275958	28.415	ng/ul	100
45) Dimethylphthalate	13.90	163	1296986	23.899	ng/ul	100
46) 2,6-Dinitrotoluene	14.02	165	270329	30.595	ng/ul	100
48) Acenaphthylene	14.17	152	1552930	23.386	ng/ul	100
49) 3-Nitroaniline	14.35	138	267695	27.941	ng/ul	100
50) Acenaphthene	14.52	153	1106379	24.046	ng/ul	100
51) 2,4-Dinitrophenol	14.55	184	153209	37.800	ng/ul	100
53) 4-Nitrophenol	14.65	109	185931	25.339	ng/ul	100
54) Dibenzofuran	14.84	168	1546881	24.224	ng/ul	100
55) 2,4-Dinitrotoluene	14.80	165	395735	30.577	ng/ul	100
56) 2,3,4,6-Tetrachlorophenol	15.07	232	338504	28.198	ng/ul	100
57) Diethylphthalate	15.27	149	1311668	23.361	ng/ul	100
59) Fluorene	15.49	166	1287466	24.507	ng/ul	100
60) 4-Chlorophenyl-phenylether	15.49	204	650976	25.038	ng/ul	100
61) 4-Nitroaniline	15.51	138	284611	26.069	ng/ul	100
64) 4,6-Dinitro-2-methylphenol	15.57	198	241328	33.256	ng/ul	100
65) N-Nitrosodiphenylamine	15.70	169	1119906	23.786	ng/ul	100
66) 4-Bromophenyl-phenylether	16.38	248	413148	23.966	ng/ul	100
67) Hexachlorobenzene	16.50	284	460770	24.255	ng/ul	100
68) Atrazine	16.65	200	483694	26.723	ng/ul	100
69) Pentachlorophenol	16.84	266	286029	27.288	ng/ul	100
70) Phenanthrene	17.23	178	2057605	24.356	ng/ul	100
72) Anthracene	17.32	178	2108172	24.294	ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	13.25	216	523607	24.377	ng/uL	100
74) Pentachlorobenzene	14.77	250	542466	25.053	ng/uL	100
75) Carbazole	17.59	167	1895586	24.303	ng/ul	100
76) Di-n-butylphthalate	18.16	149	2256073	22.840	ng/ul	100
77) Fluoranthene	19.24	202	2449430	25.549	ng/ul	100
80) Pyrene	19.61	202	2505559	24.203	ng/ul	100
81) Butylbenzylphthalate	20.51	149	1055774	24.189	ng/ul	100
82) 3,3'-Dichlorobenzidine	21.29	252	929099	25.541	ng/ul	100
83) Benzo(a)anthracene	21.36	228	2587661	24.386	ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.29	149	1582044	23.887	ng/ul	100
85) Chrysene	21.40	228	2392847	24.505	ng/ul	100
87) Di-n-octyl phthalate	22.17	149	2660662	23.512	ng/ul	100
88) Benzo(b)fluoranthene	22.96	252	2610461	25.102	ng/ul	100
89) Benzo(k)fluoranthene	23.00	252	2457495	24.317	ng/ul	100
91) Benzo(a)pyrene	23.54	252	2453248	24.723	ng/ul	100
92) Indeno(1,2,3-cd)pyrene	25.94	276	2751510	24.003	ng/ul	100
93) Dibenzo(a,h)anthracene	25.96	278	2302474	24.137	ng/ul	100
94) Benzo(g,h,i)perylene	26.65	276	2214774	23.520	ng/ul	100

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM092719\

Data File : BM022787.D

Acq On : 27 Sep 2019 15:07

Operator : JU

Sample : SSTD02054

Misc :

ALS Vial : 5 Sample Multiplier: 1

Quant Time: Sep 27 15:45:43 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Fri Sep 27 15:30:29 2019

Response via : Initial Calibration

Instrument :

BNA_M

ClientSampleId :

SSTD02054

Manual Integrations

APPROVED

mohammad

9/30/2019 8:14:20 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
--------------------	------	------	----------	------	-------	----------

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