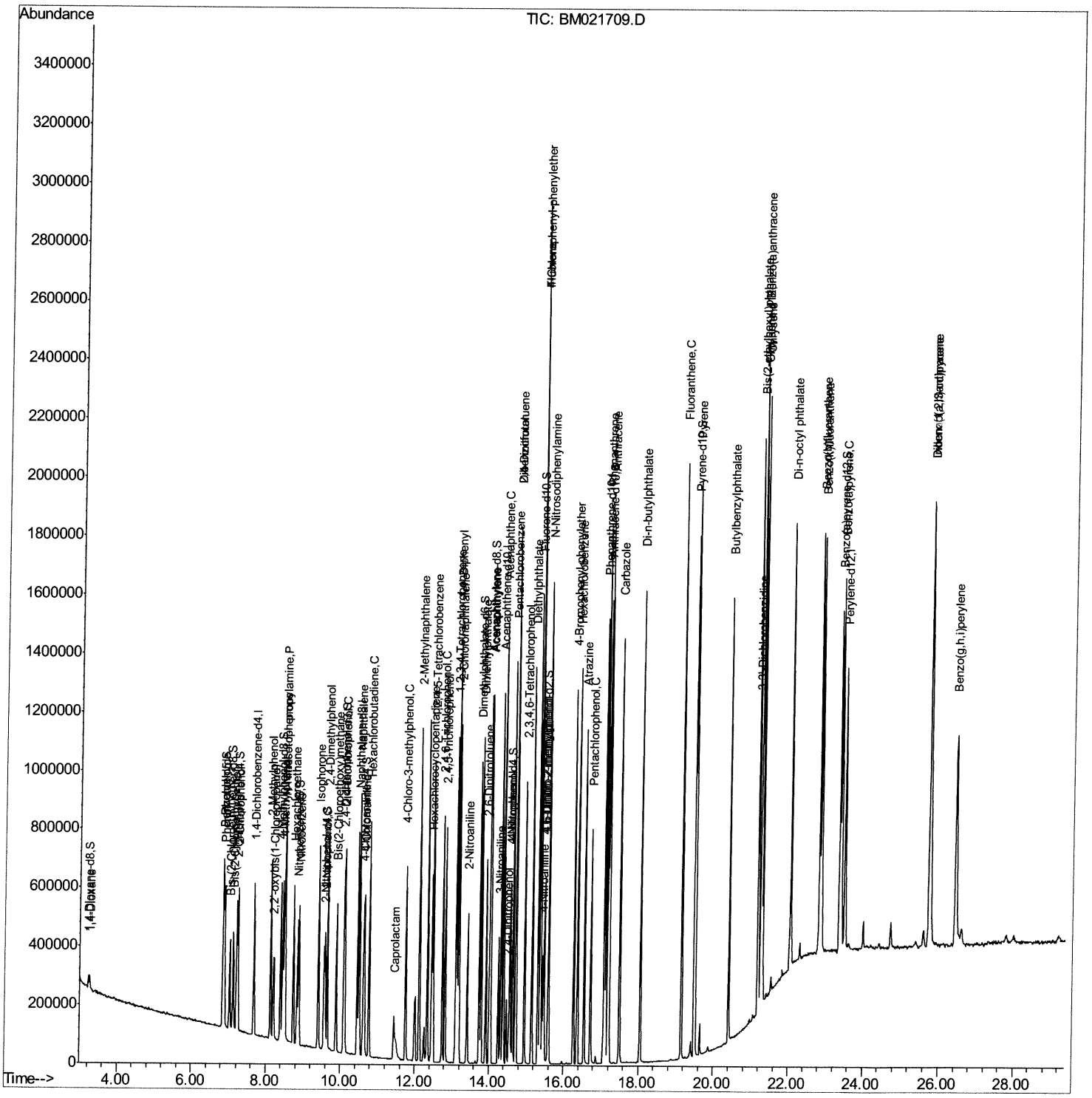
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM072919\
Data File : BM021709.D
Acq On : 29 Jul 2019 23:26
Operator : HP/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Jul 30 05:23:44 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072619MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 26 18:42:09 2019
Response via : Initial Calibration

Instrument :
BNA_M
LabSampleId :
SSTD02009

Manual Integrations APPROVED
mohammad
7/30/2019 4:51:41 PM



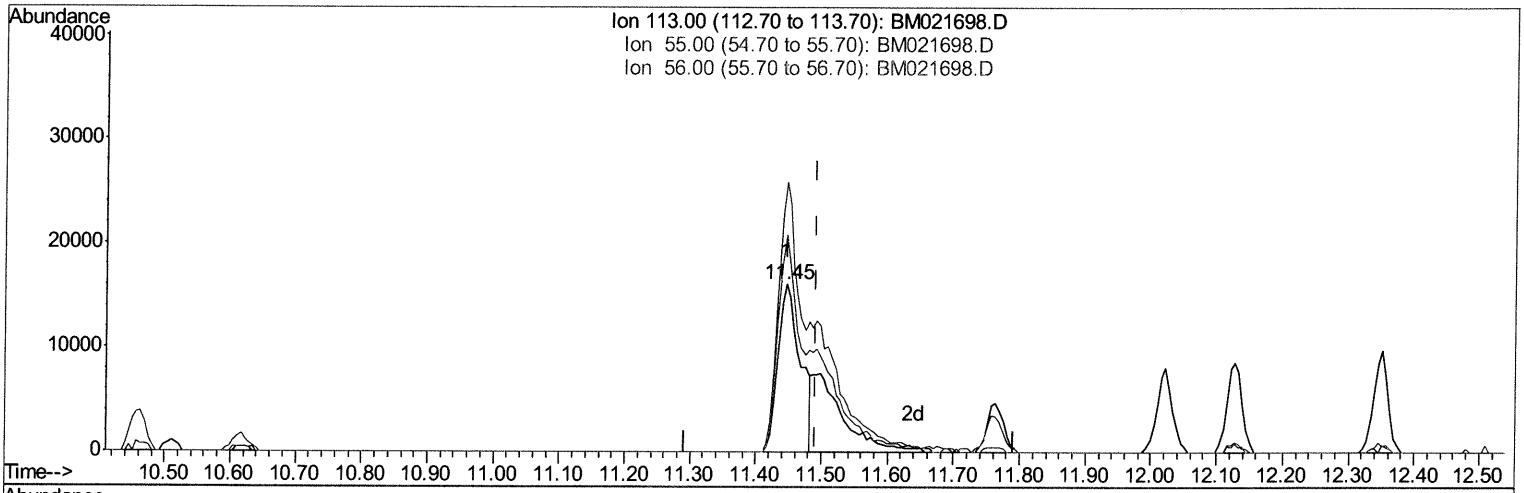
Quantitation Report (Qedit)

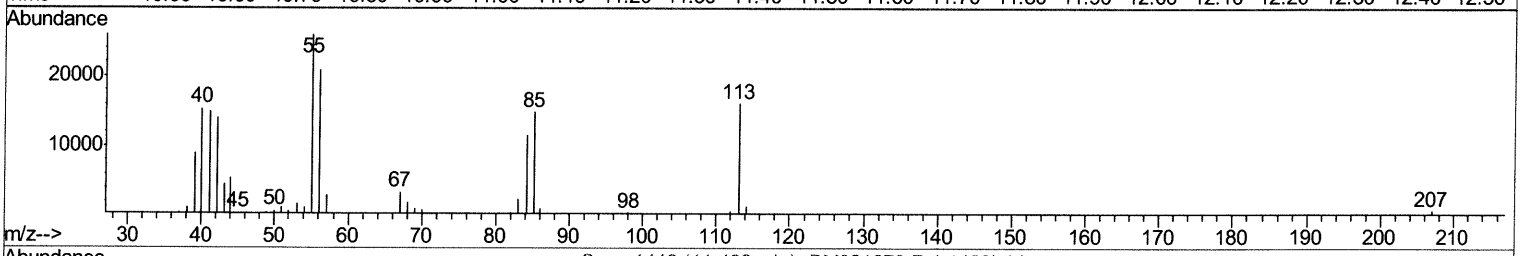
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072919\
Data File : BM021698.D
Acq On : 29 Jul 2019 16:45
Operator : HP/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

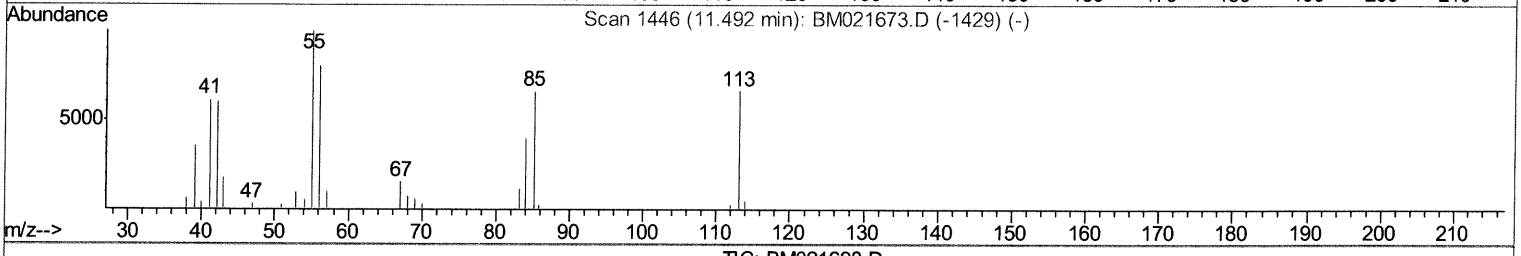
Quant Time: Jul 29 18:01:03 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072619MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 26 18:42:09 2019
Response via : Initial Calibration

Instrument :
BNA_M
LabSampleId :
SSTD02009

Manual Integrations APPROVED
mohammad
7/30/2019 4:51:41 PM







TIC: BM021698.D

(32) Caprolactam

11.445min (-0.047) 13.39ng/ul

response 37466

Ion	Exp%	Act%
113.00	100	100
55.00	150.90	161.09
56.00	120.50	129.33
0.00	0.00	0.00

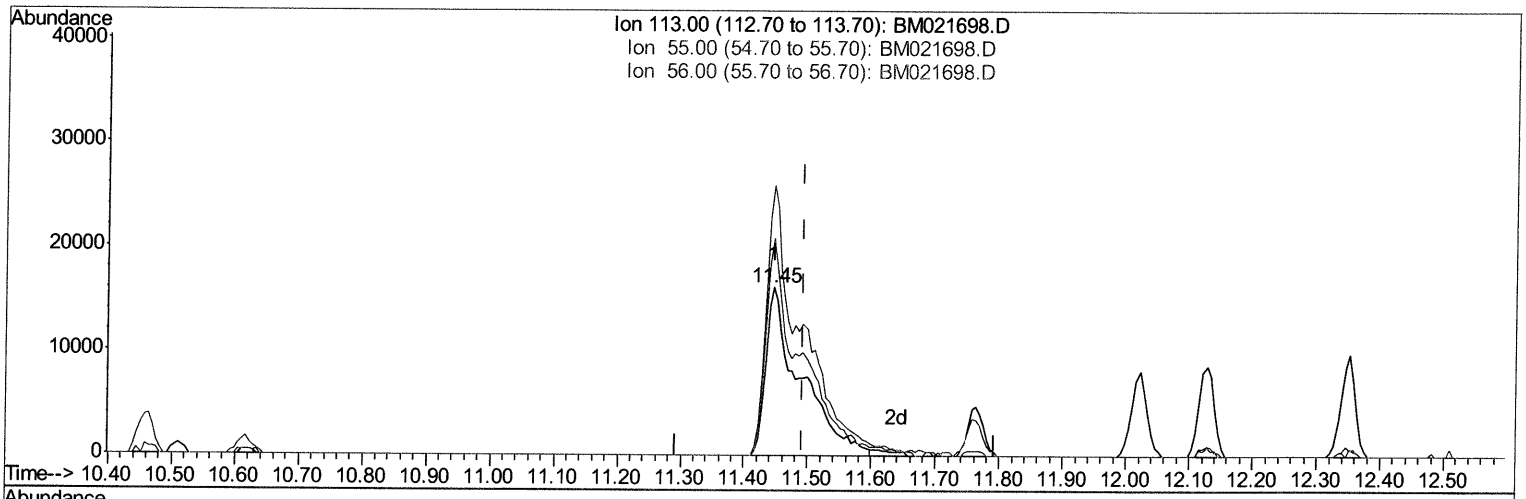
Quantitation Report (Qedit)

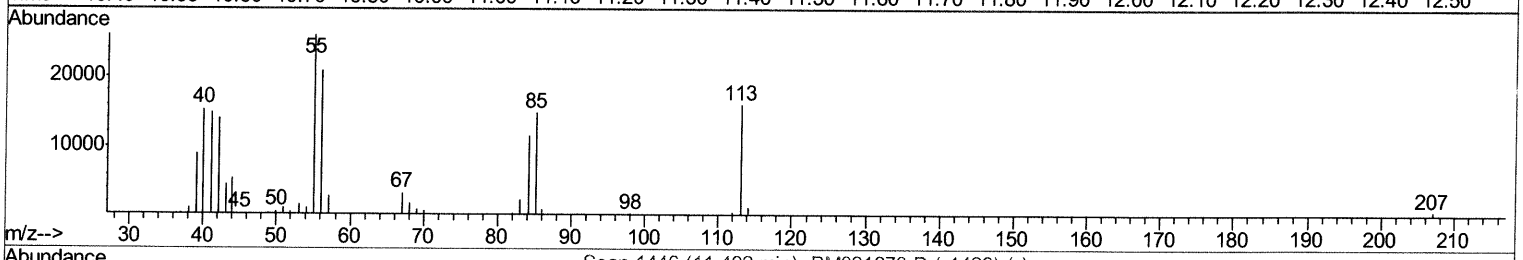
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072919\
Data File : BM021698.D
Acq On : 29 Jul 2019 16:45
Operator : HP/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

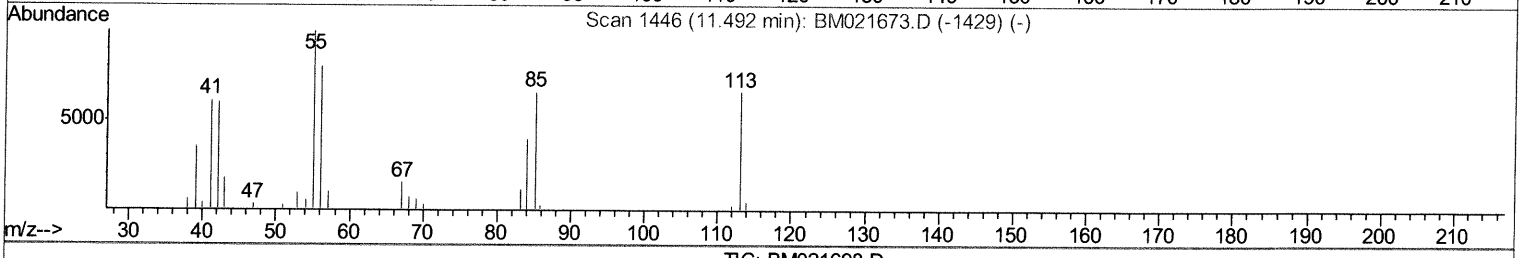
Quant Time: Jul 29 18:01:03 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072619MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 26 18:42:09 2019
Response via : Initial Calibration

Instrument :
BNA_M
LabSampleId :
SSTD02009

Manual Integrations APPROVED
mohammad
7/30/2019 4:51:41 PM







TIC: BM021698.D

(32) Caprolactam

11.445min (-0.047) 21.99ng/ul m JU 07/31/19

response 61527

Ion	Exp%	Act%
113.00	100	100
55.00	150.90	161.09
56.00	120.50	129.33
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM072919\
Data File : BM021709.D
Acq On : 29 Jul 2019 23:26
Operator : HP/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Jul 30 01:56:24 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072619MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 26 18:42:09 2019
Response via : Initial Calibration

Instrument :
BNA_M
LabSampleId :
SSTD02009

Manual Integrations APPROVED
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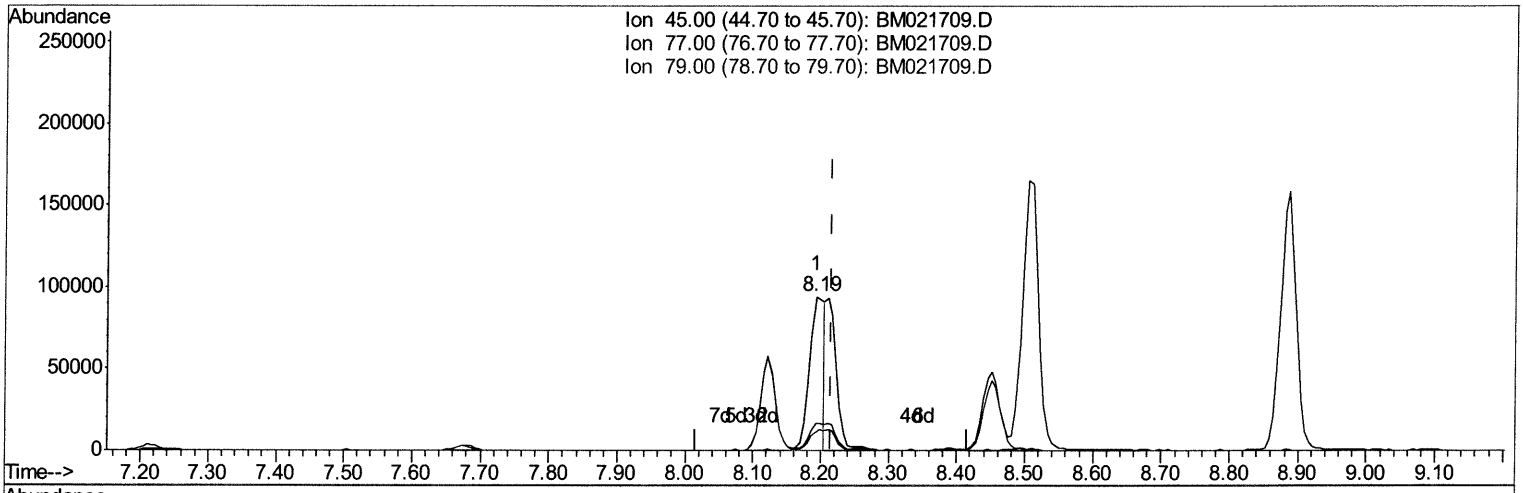
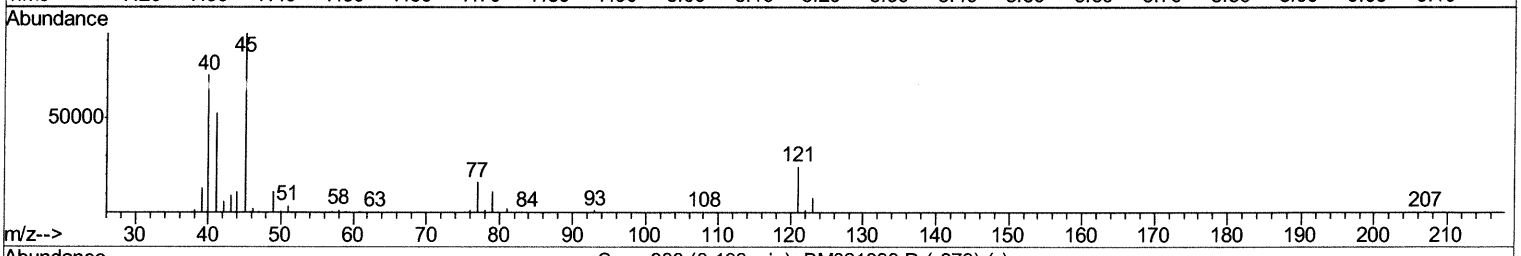
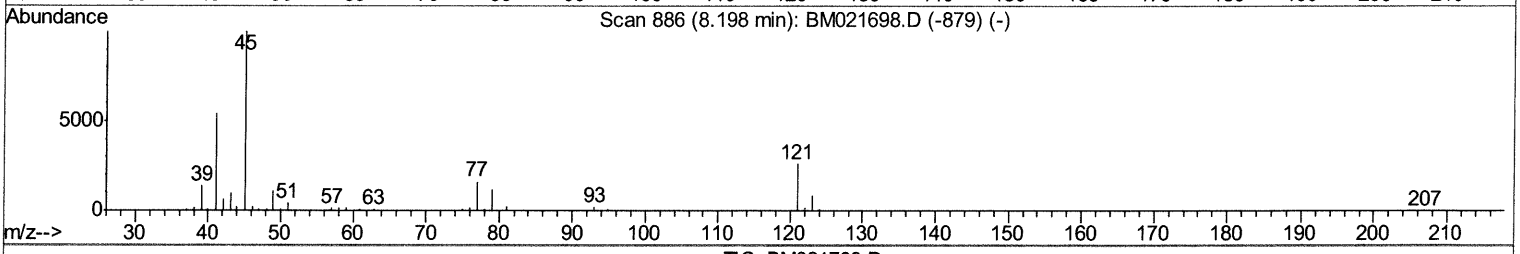






TIC: BM021709.D

(12) 2,2'-oxybis(1-Chloropropane)

8.192min (-0.024) 12.73ng/ul

response 144433

Ion	Exp%	Act%
45.00	100	100
77.00	17.30	17.25
79.00	13.50	12.02
0.00	0.00	0.00

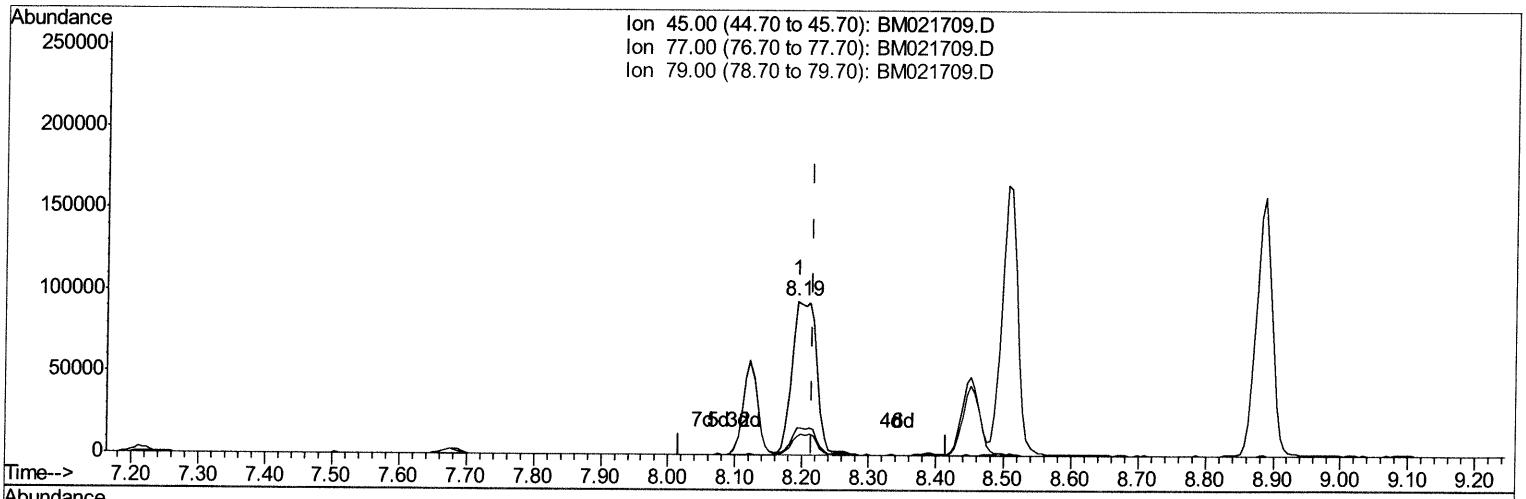
Quantitation Report (Qedit)

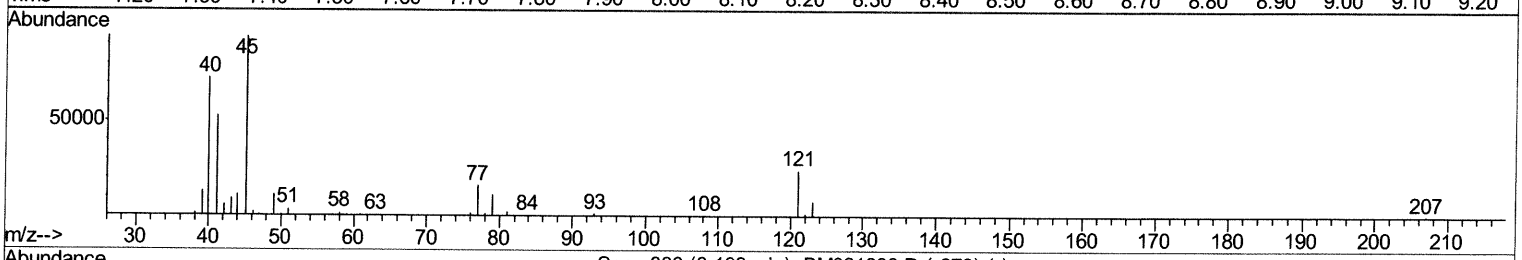
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM072919\
Data File : BM021709.D
Acq On : 29 Jul 2019 23:26
Operator : HP/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 19 Sample Multiplier: 1

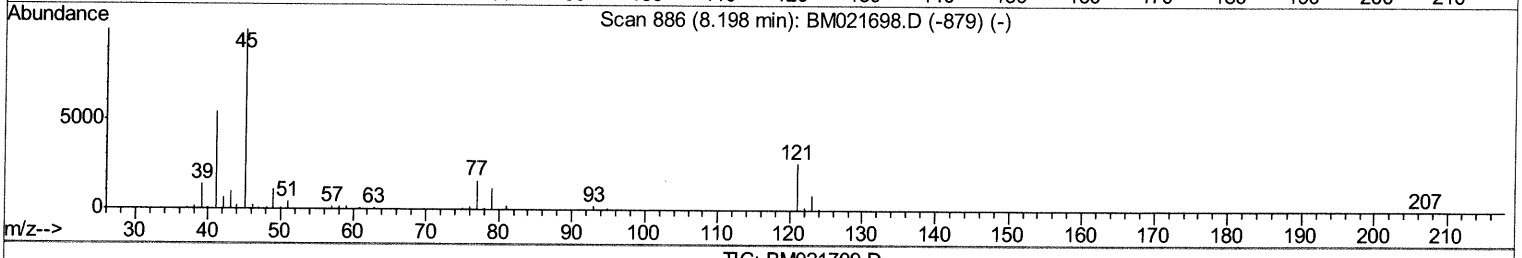
Quant Time: Jul 30 01:56:24 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072619MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 26 18:42:09 2019
Response via : Initial Calibration

Instrument :
BNA_M
LabSampleId :
SSTD02009

Manual Integrations APPROVED
mohammad
7/30/2019 4:51:41 PM







TIC: BM021709.D

(12) 2,2'-oxybis(1-Chloropropane)

8.192min (-0.024) 21.11ng/ul m JU 07/31/19

response 239626

Ion	Exp%	Act%
45.00	100	100
77.00	17.30	17.25
79.00	13.50	12.02
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM072919\
Data File : BM021709.D
Acq On : 29 Jul 2019 23:26
Operator : HP/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Jul 30 01:56:24 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072619MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 26 18:42:09 2019
Response via : Initial Calibration

Instrument :
BNA_M
LabSampleId :
SSTD02009

Manual Integrations APPROVED
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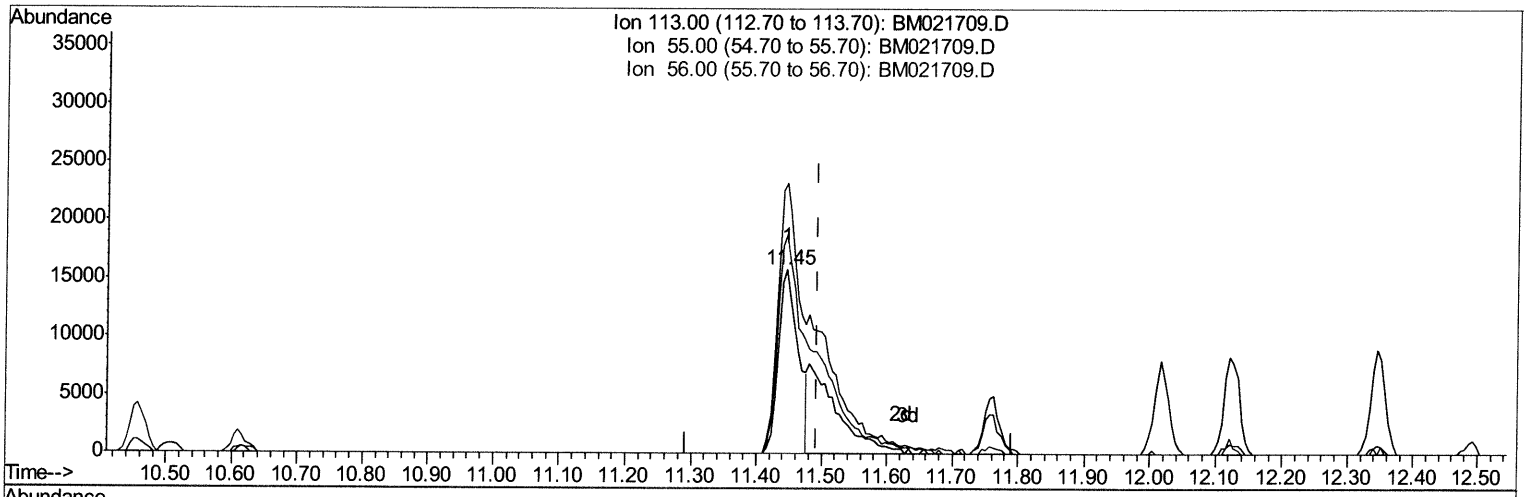

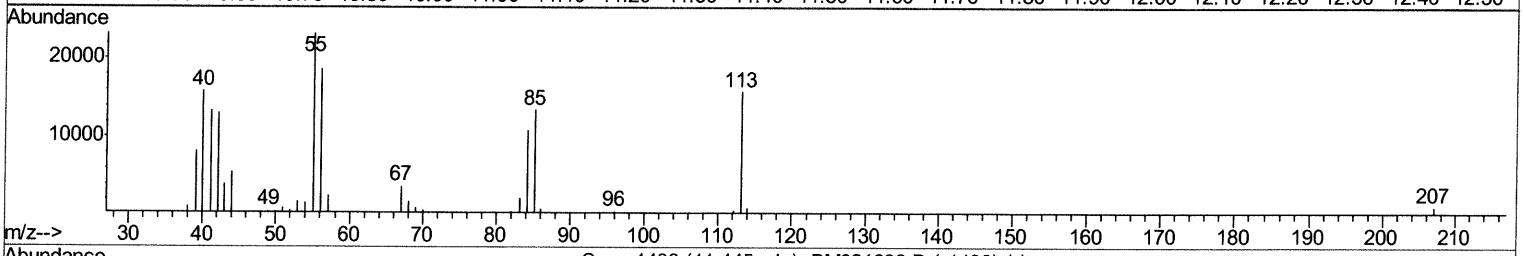

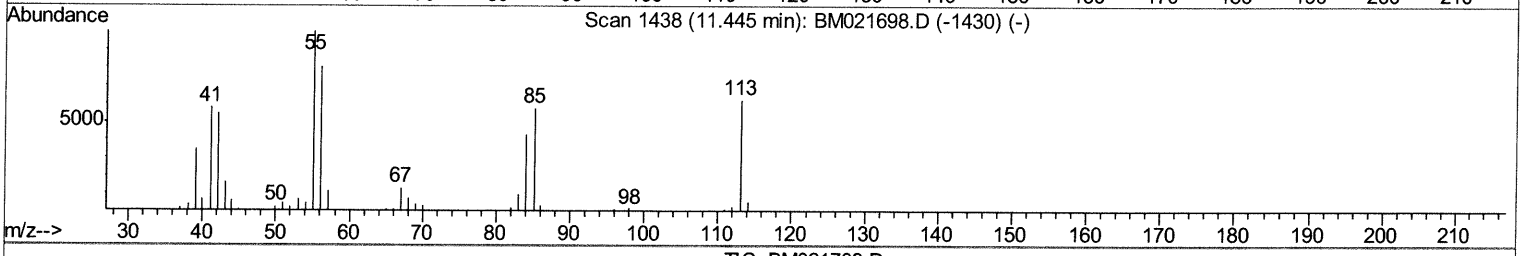

TIC: BM021709.D

(32) Caprolactam

11.445min (-0.047) 12.32ng/ul

response 33069

Ion	Exp%	Act%
113.00	100	100
55.00	150.90	146.76
56.00	120.50	118.47
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM072919\
Data File : BM021709.D
Acq On : 29 Jul 2019 23:26
Operator : HP/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Jul 30 01:56:24 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072619MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 26 18:42:09 2019
Response via : Initial Calibration

Instrument :
BNA_M
LabSampleId :
SSTD02009

Manual Integrations APPROVED
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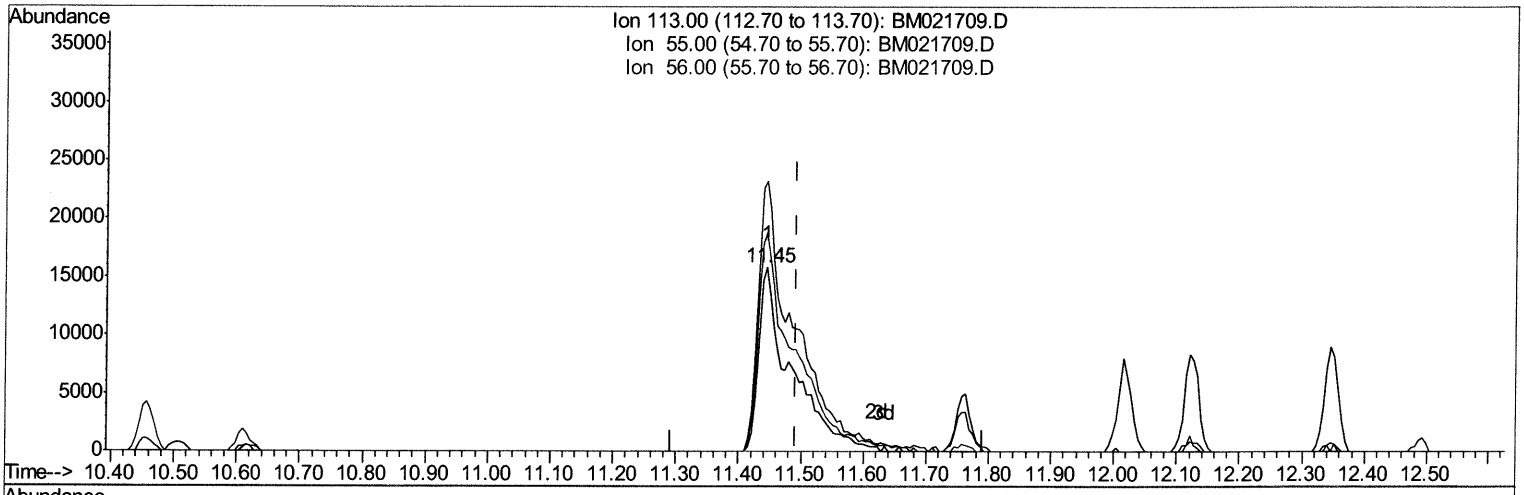

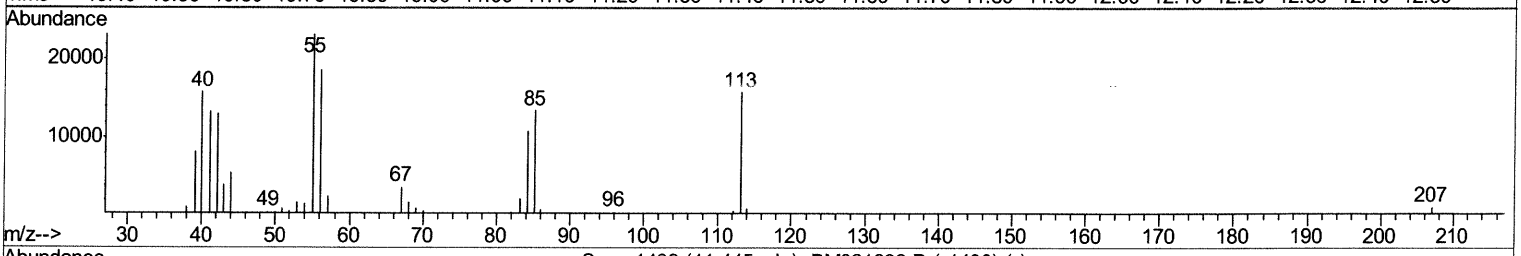

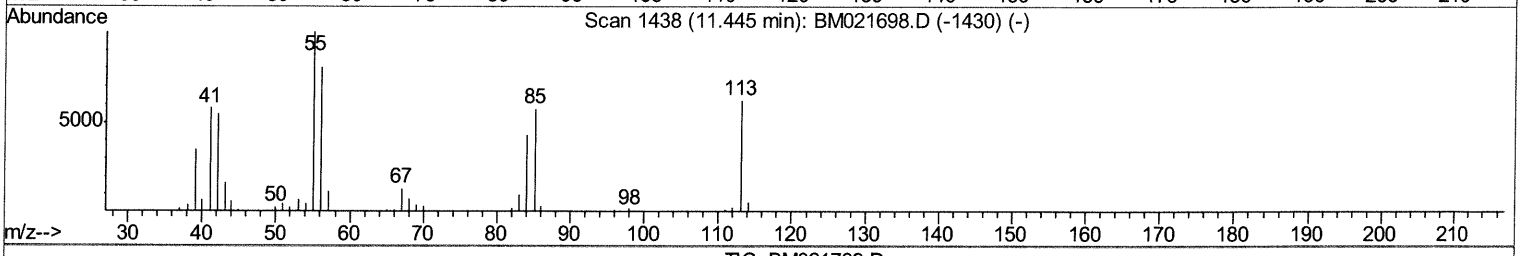

TIC: BM021709.D

(32) Caprolactam

11.445min (-0.047) 21.43ng/ul m JU 07/31/19

response 57543

Ion	Exp%	Act%
113.00	100	100
55.00	150.90	146.76
56.00	120.50	118.47
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM072919\
Data File : BM021709.D
Acq On : 29 Jul 2019 23:26
Operator : HP/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Jul 30 05:23:44 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072619MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 26 18:42:09 2019
Response via : Initial Calibration

Instrument : BNA_M
LabSampleId : SSTD02009

Manual Integrations APPROVED
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7/30/2019 4:51:41 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	146750	20.00	ng/ul	0.00
18) Naphthalene-d8	10.46	136	606017	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.32	164	404249	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.08	188	854806	20.00	ng/ul	0.00
77) Chrysene-d12	21.27	240	690404	20.00	ng/ul	0.00
85) Perylene-d12	23.51	264	687508	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.23	96	25317	8.30	ng/uL	0.00
5) Phenol-d5	6.86	99	232935	21.10	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.03	67	134274	21.25	ng/ul	0.00
9) 2-Chlorophenol-d4	7.21	132	194329	21.22	ng/ul	0.00
13) 4-Methylphenol-d8	8.39	113	194569	21.00	ng/ul	0.00
19) Nitrobenzene-d5	8.85	128	96592	21.31	ng/ul	0.00
22) 2-Nitrophenol-d4	9.56	143	105272	21.09	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.09	165	234878	21.98	ng/ul	0.00
29) 4-Chloroaniline-d4	10.61	131	225133	22.27	ng/ul	0.00
43) Dimethylphthalate-d6	13.74	166	684496	21.94	ng/ul	0.00
46) Acenaphthylene-d8	14.02	160	809388	21.83	ng/ul	0.00
51) 4-Nitrophenol-d4	14.55	143	95820	20.23	ng/ul	0.00
57) Fluorene-d10	15.32	176	597584	21.83	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.46	200	92803	17.47	ng/ul	0.00
70) Anthracene-d10	17.17	188	917742	21.34	ng/ul	0.00
78) Pyrene-d10	19.47	212	906735	23.41	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.36	264	781304	21.48	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.26	88	24309	7.933	ng/uL	95
4) Benzaldehyde	6.84	77	116690	21.492	ng/ul	98
6) Phenol	6.89	94	247070	20.973	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.12	93	187730	21.204	ng/ul	98
10) 2-Chlorophenol	7.25	128	210491	21.424	ng/ul	98
11) 2-Methylphenol	8.12	108	191614	21.116	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.19	45	239626m>	21.112	ng/ul	98
14) Acetophenone	8.51	105	333847	21.646	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.49	70	165490	21.893	ng/ul	98
16) 4-Methylphenol	8.45	108	213000	21.221	ng/ul	98
17) Hexachloroethane	8.73	117	94223	20.956	ng/ul	96
20) Nitrobenzene	8.89	77	259196	21.415	ng/ul	97
21) Isophorone	9.40	82	471489	21.662	ng/ul	99
23) 2-Nitrophenol	9.59	139	119836	21.245	ng/ul	99
24) 2,4-Dimethylphenol	9.65	107	252520	21.458	ng/ul	100
25) Bis(2-Chloroethoxy)methane	9.89	93	281712	21.405	ng/ul	98
27) 2,4-Dichlorophenol	10.11	162	233302	21.804	ng/ul	99
28) Naphthalene	10.51	128	712495	21.343	ng/ul	99
30) 4-Chloroaniline	10.64	127	243741	22.485	ng/ul	100
31) Hexachlorobutadiene	10.77	225	176623	21.456	ng/ul	98
32) Caprolactam	11.45	113	57543m>	21.432	ng/ul	98
33) 4-Chloro-3-methylphenol	11.76	107	237160	22.261	ng/ul	98
34) 2-Methylnaphthalene	12.13	142	540445	21.804	ng/ul	98

JU 07/31/19

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Misc :
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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration

Instrument : BNA_M
LabSampleId : SSTD02009

Manual Integrations APPROVED
mohammad
7/30/2019 4:51:41 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.49	216	335516	21.254	ng/ul	98
37) Hexachlorocyclopentadiene	12.46	237	183450	21.200	ng/ul	98
38) 2,4,6-Trichlorophenol	12.75	196	201890	21.678	ng/ul	98
39) 2,4,5-Trichlorophenol	12.82	196	215811	21.488	ng/ul	100
40) 1,1'-Biphenyl	13.15	154	726180	21.361	ng/ul	99
41) 2-Chloronaphthalene	13.19	162	568189	21.324	ng/ul	99
42) 2-Nitroaniline	13.42	65	129655	23.038	ng/ul	93
44) Dimethylphthalate	13.79	163	712724	22.007	ng/ul	99
45) 2,6-Dinitrotoluene	13.92	165	125605	23.304	ng/ul	99
47) Acenaphthylene	14.04	152	856197	21.547	ng/ul	99
48) 3-Nitroaniline	14.26	138	94387	21.582	ng/ul	95
49) Acenaphthene	14.39	153	595694	21.504	ng/ul	99
50) 2,4-Dinitrophenol	14.47	184	49721	15.027	ng/ul	94
52) 4-Nitrophenol	14.57	109	88292	20.587	ng/ul	98
53) Dibenzofuran	14.73	168	882498	21.684	ng/ul	99
54) 2,4-Dinitrotoluene	14.72	165	198985	23.585	ng/ul	97
55) 2,3,4,6-Tetrachlorophenol	14.96	232	196008	22.063	ng/ul	96
56) Diethylphthalate	15.16	149	691556	22.569	ng/ul	99
58) Fluorene	15.37	166	708672	21.776	ng/ul	100
59) 4-Chlorophenyl-phenylether	15.37	204	396788	21.811	ng/ul	98
60) 4-Nitroaniline	15.43	138	84663	19.008	ng/ul	97
63) 4,6-Dinitro-2-methylphenol	15.48	198	107588	18.140	ng/ul	97
64) N-Nitrosodiphenylamine	15.59	169	599128	21.535	ng/ul	99
65) 4-Bromophenyl-phenylether	16.27	248	247591	21.382	ng/ul	99
66) Hexachlorobenzene	16.37	284	290594	21.504	ng/ul	96
67) Atrazine	16.56	200	203709	20.611	ng/ul	98
68) Pentachlorophenol	16.73	266	147559	18.888	ng/ul	97
69) Phenanthrene	17.12	178	1103351	21.431	ng/ul	99
71) Anthracene	17.21	178	1124784	21.328	ng/ul	100
72) 1,2,3,4-Tetrachlorobenzene	13.11	216	332376	20.758	ng/uL	99
73) Pentachlorobenzene	14.64	250	343982	21.097	ng/uL	98
74) Carbazole	17.49	167	911922	20.885	ng/ul	100
75) Di-n-butylphthalate	18.04	149	1063299	22.076	ng/ul	99
76) Fluoranthene	19.14	202	1202345	20.019	ng/ul	99
79) Pyrene	19.50	202	1211986	23.527	ng/ul	100
80) Butylbenzylphthalate	20.41	149	392866	24.720	ng/ul	98
81) 3,3'-Dichlorobenzidine	21.20	252	233862	18.513	ng/ul	98
82) Benzo(a)anthracene	21.26	228	1057977	21.043	ng/ul	100
83) Bis(2-ethylhexyl)phthalate	21.18	149	559953	24.474	ng/ul	100
84) Chrysene	21.31	228	1002690	21.154	ng/ul	100
86) Di-n-octyl phthalate	22.06	149	874577	21.552	ng/ul	100
87) Benzo(b)fluoranthene	22.83	252	992361	21.214	ng/ul	99
88) Benzo(k)fluoranthene	22.88	252	974820	21.316	ng/ul	100
90) Benzo(a)pyrene	23.41	252	935197	21.353	ng/ul	100
91) Indeno(1,2,3-cd)pyrene	25.75	276	1138694	22.420	ng/ul	99
92) Dibenzo(a,h)anthracene	25.76	278	949238	22.479	ng/ul	99
93) Benzo(g,h,i)perylene	26.44	276	945412	22.386	ng/ul	100

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