

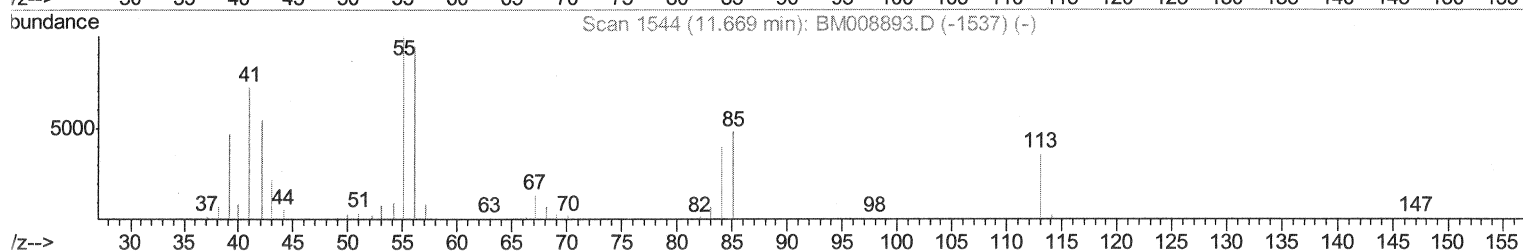
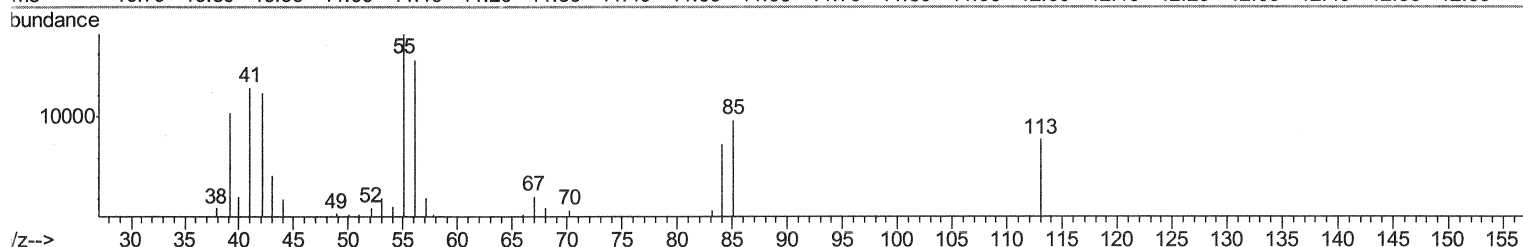
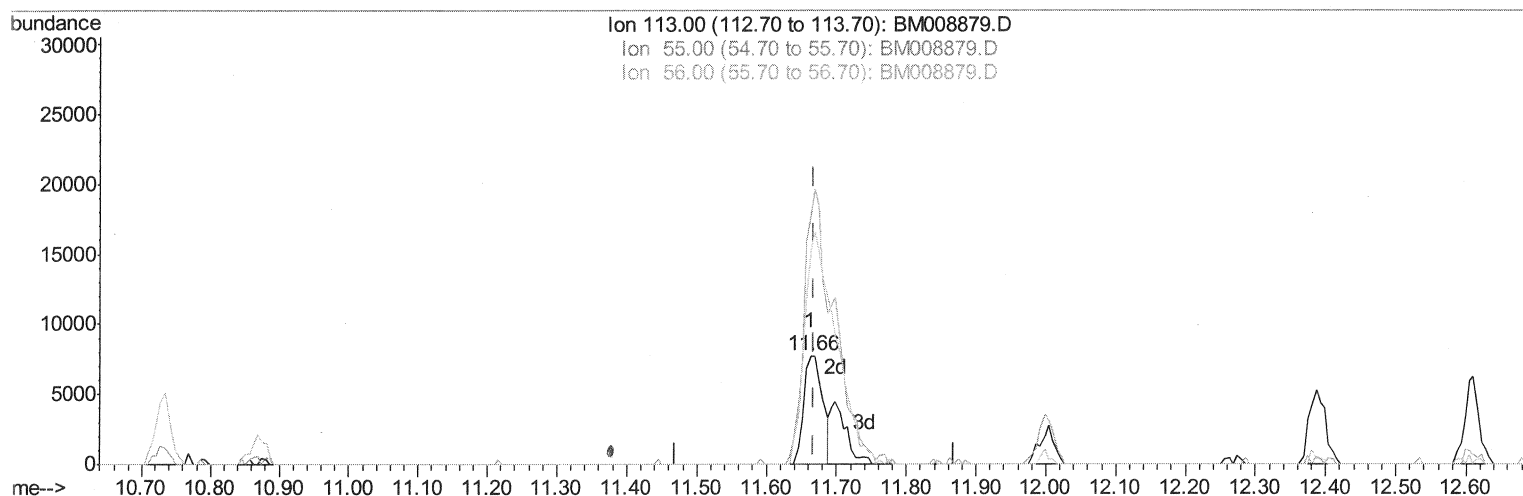
Data Path : Z:\HPCHEM1\BNA_M\Data\BM012617\
 Data File : BM008879.D
 Acq On : 26 Jan 2017 16:47
 Operator : SJ/MA
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 LabSampleId :
 SSTD02048

Manual Integrations
 APPROVED

mohammad
 1/27/2017 3:07:35 PM

Quant Time: Jan 27 12:37:53 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM012317.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jan 27 05:52:35 2017
 Response via : Initial Calibration



TIC: BM008879.D

(32) Caprolactam

11.663min (-0.006) 13.79ng/ul

response 14323

Ion	Exp%	Act%
113.00	100	100
55.00	146.20	230.98#
56.00	122.10	198.24#
0.00	0.00	0.00

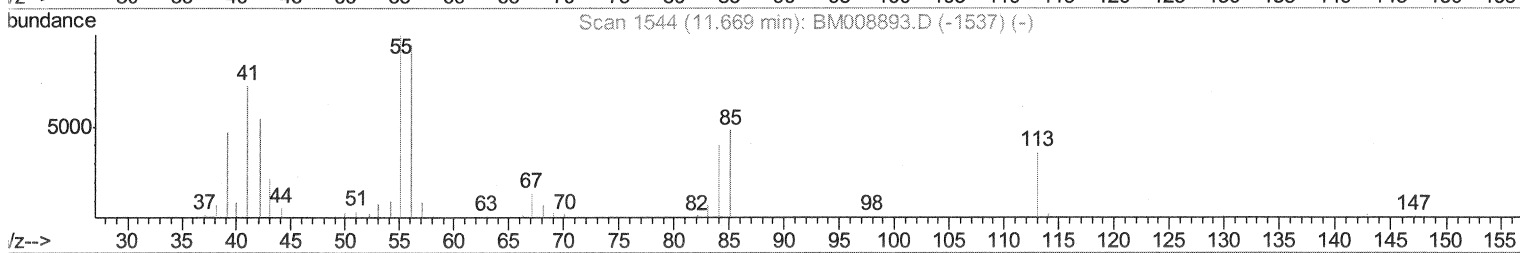
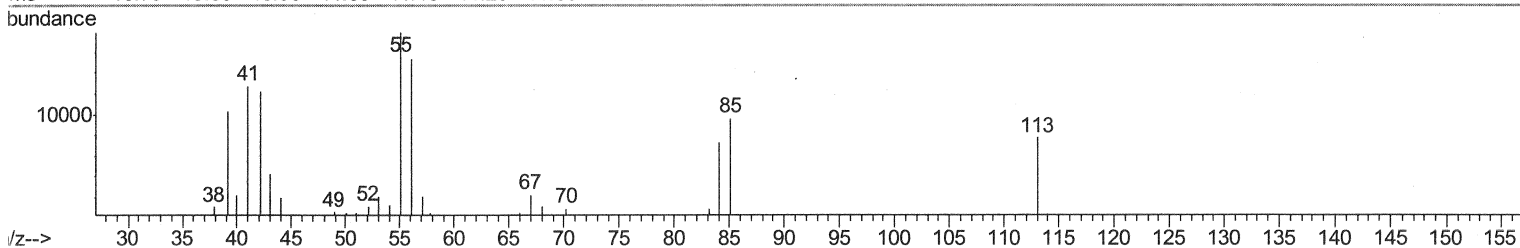
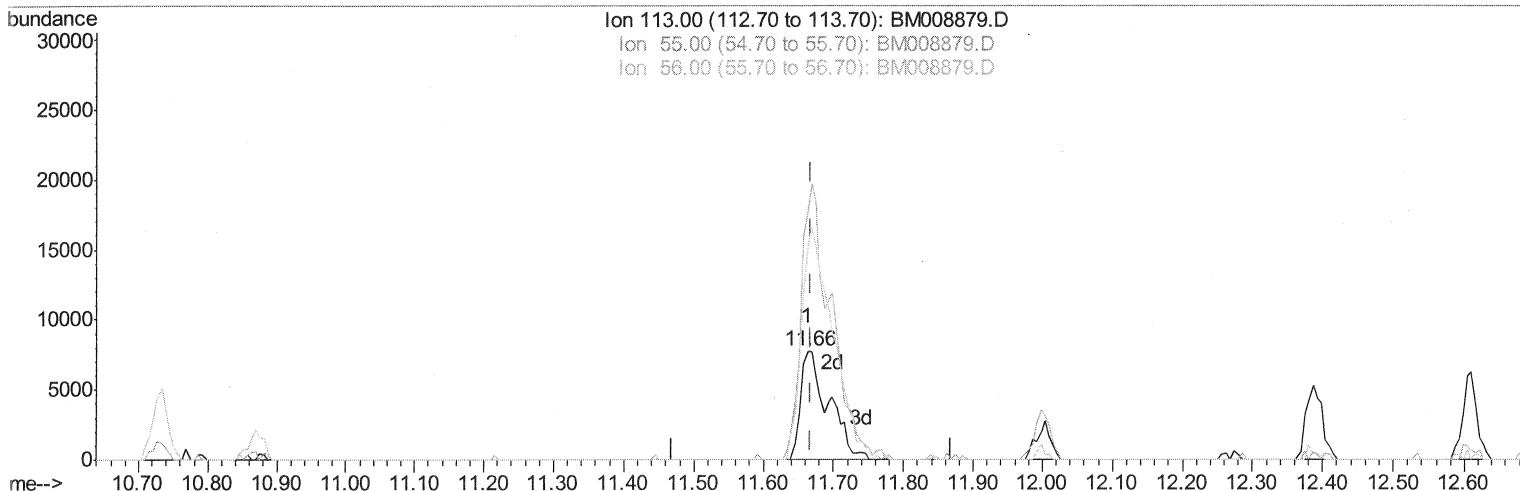
Data Path : Z:\HPCHEM1\BNA_M\Data\BM012617\
 Data File : BM008879.D
 Acq On : 26 Jan 2017 16:47
 Operator : SJ/MA
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 LabSampleId :
 SSTD02048

Manual Integrations
 APPROVED

mohammad
 1/27/2017 3:07:35 PM

Quant Time: Jan 27 12:37:53 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM012317.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jan 27 05:52:35 2017
 Response via : Initial Calibration



TIC: BM008879.D

(32) Caprolactam

11.663min (-0.006) 20.77ng/ul m

SJ 1/27/17

response 21571

Ion	Exp%	Act%
113.00	100	100
55.00	146.20	230.98#
56.00	122.10	198.24#
0.00	0.00	0.00

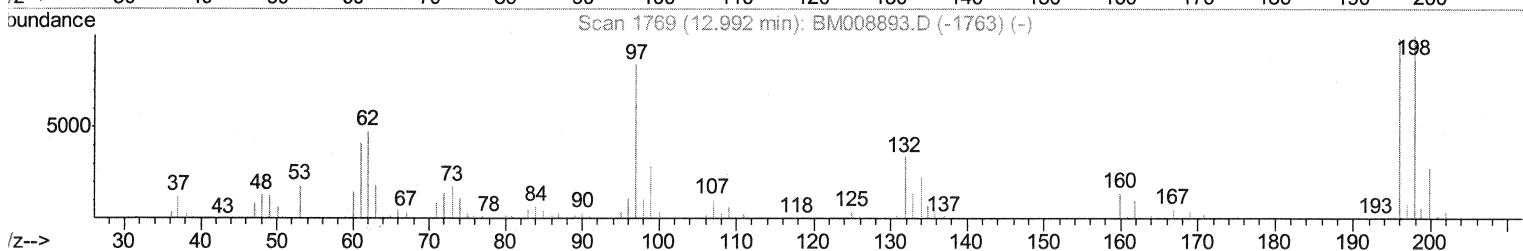
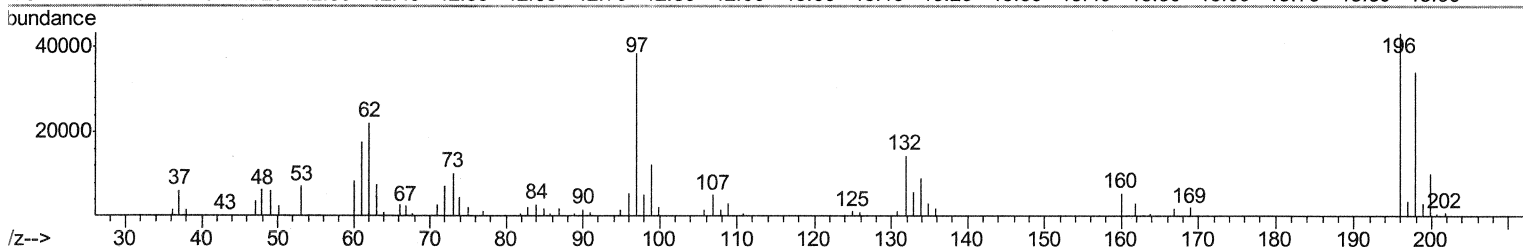
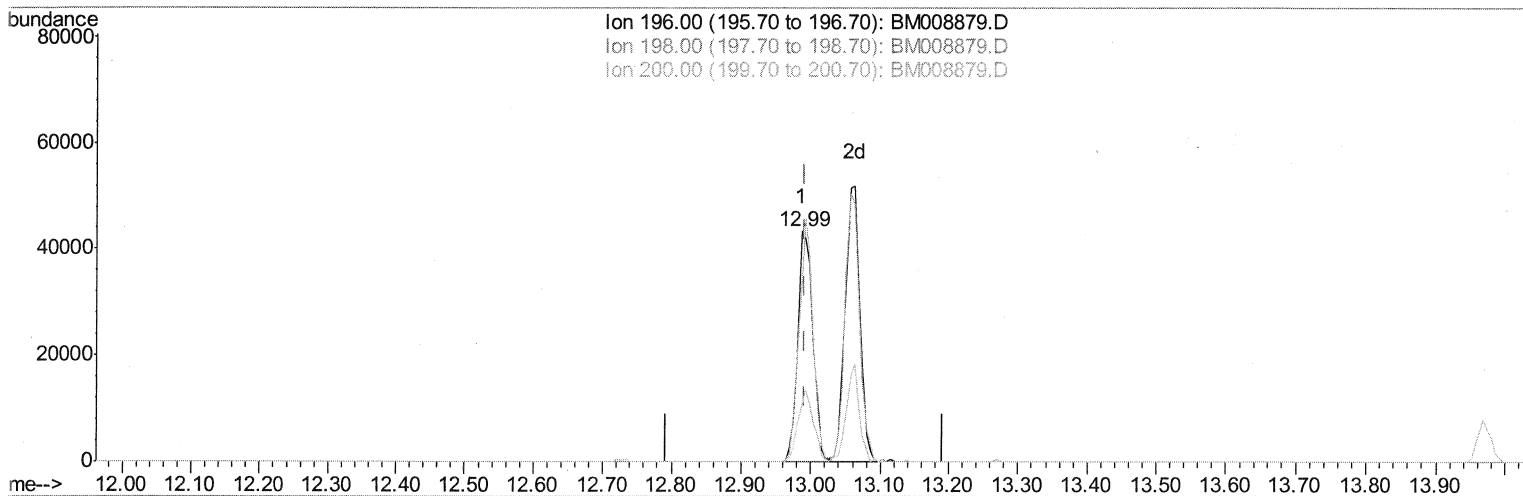
Data Path : Z:\HPCHEM1\BNA_M\Data\BM012617\
Data File : BM008879.D
Acq On : 26 Jan 2017 16:47
Operator : SJ/MA
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
LabSampleId :
SSTD02048

Manual Integrations
APPROVED

mohammad
1/27/2017 3:07:35 PM

Quant Time: Jan 27 12:37:53 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM012317.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jan 27 05:52:35 2017
Response via : Initial Calibration



TIC: BM008879.D

(39) 2,4,5-Trichlorophenol

12.986min (-0.006) 18.67ng/ul

response 66195

Ion	Exp%	Act%
196.00	100	100
198.00	97.20	79.00
200.00	29.50	26.10
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_M\Data\BM012617\
 Data File : BM008879.D
 Acq On : 26 Jan 2017 16:47
 Operator : SJ/MA
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 LabSampleId :
 SSTD02048

Manual Integrations
 APPROVED

mohammad
 1/27/2017 3:07:35 PM

Quant Time: Jan 27 12:43:30 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM012317.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jan 27 05:52:35 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	53700	20.00	ng/ul	0.00
18) Naphthalene-d8	10.73	136	212288	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.57	164	178067	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.31	188	434146	20.00	ng/ul	0.00
75) Chrysene-d12	21.48	240	576412	20.00	ng/ul	0.00
83) Perylene-d12	23.84	264	520320	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.38	96	10504	9.67	ng/uL	0.00
5) Phenol-d5	7.08	99	92711	20.38	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.26	67	78059	21.59	ng/ul	0.00
9) 2-Chlorophenol-d4	7.46	132	63354	21.38	ng/ul	0.00
13) 4-Methylphenol-d8	8.62	113	67544	18.96	ng/ul	0.00
19) Nitrobenzene-d5	9.09	128	31656	23.45	ng/ul	0.00
22) 2-Nitrophenol-d4	9.82	143	33804	20.58	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.35	165	75070	21.83	ng/ul	0.00
29) 4-Chloroaniline-d4	10.87	131	73601	19.67	ng/ul	0.01
43) Dimethylphthalate-d6	13.97	166	249742	21.41	ng/ul	0.00
46) Acenaphthylene-d8	14.26	160	297944	21.58	ng/ul	0.00
51) 4-Nitrophenol-d4	14.75	143	38489	19.72	ng/ul	0.00
57) Fluorene-d10	15.56	176	246240	22.22	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.67	200	47874	18.52	ng/ul	0.00
70) Anthracene-d10	17.41	188	410490	21.62	ng/ul	0.00
76) Pyrene-d10	19.70	212	519627	20.55	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.69	264	489294	22.21	ng/ul	0.00

Target Compounds

					Qvalue	
2) 1,4-Dioxane	3.42	88	13118	9.97	ng/uL#	21
4) Benzaldehyde	7.07	77	65664	17.55	ng/ul#	77
6) Phenol	7.11	94	94092	18.97	ng/ul#	38
8) Bis(2-Chloroethyl)ether	7.35	93	74473	20.05	ng/ul#	67
10) 2-Chlorophenol	7.49	128	61393	20.05	ng/ul#	57
11) 2-Methylphenol	8.36	108	73084	20.55	ng/ul	85
12) 2,2'-oxybis(1-Chloropropan	8.46	45	147158	21.08	ng/ul#	87
14) Acetophenone	8.75	105	127133	19.47	ng/ul#	55
15) N-Nitroso-di-n-propylamine	8.73	70	91143	21.43	ng/ul#	56
16) 4-Methylphenol	8.69	108	74917	19.55	ng/ul	97
17) Hexachloroethane	9.00	117	38822	20.56	ng/ul	93
20) Nitrobenzene	9.14	77	143198	24.06	ng/ul#	76
21) Isophorone	9.66	82	211176	21.98	ng/ul#	89
23) 2-Nitrophenol	9.85	139	36511	21.43	ng/ul#	10
24) 2,4-Dimethylphenol	9.89	107	115195	23.72	ng/ul#	84
25) Bis(2-Chloroethoxy)methane	10.14	93	103127	21.54	ng/ul	99
27) 2,4-Dichlorophenol	10.37	162	74171	21.97	ng/ul#	92
28) Naphthalene	10.78	128	211186	21.55	ng/ul	98
30) 4-Chloroaniline	10.89	127	77526	20.22	ng/ul	95
31) Hexachlorobutadiene	11.06	225	74406	22.78	ng/ul	91
32) Caprolactam	11.66	113	21571m	20.77	ng/ul	
33) 4-Chloro-3-methylphenol	12.00	107	93326	21.30	ng/ul#	79
34) 2-Methylnaphthalene	12.39	142	168296	21.15	ng/ul	100

SJ 1/27/17

Data Path : Z:\HPCHEM1\BNA_M\Data\BM012617\
 Data File : BM008879.D
 Acq On : 26 Jan 2017 16:47
 Operator : SJ/MA
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 LabSampleId :
 SSTD02048

Manual Integrations
 APPROVED

mohammad
 1/27/2017 3:07:35 PM

Quant Time: Jan 27 12:43:30 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM012317.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jan 27 05:52:35 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.75	216	121204	22.16	ng/ul#	92
37) Hexachlorocyclopentadiene	12.73	237	85694	20.26	ng/ul	98
38) 2,4,6-Trichlorophenol	12.99	196	66195	20.05	ng/ul	83
39) 2,4,5-Trichlorophenol	13.06	196	77763m)	21.93	ng/ul	
40) 1,1'-Biphenyl	13.40	154	238381	21.66	ng/ul	97
41) 2-Chloronaphthalene	13.44	162	188425	21.76	ng/ul	97
42) 2-Nitroaniline	13.65	65	102645	23.89	ng/ul#	62
44) Dimethylphthalate	14.02	163	251841	21.59	ng/ul	99
45) 2,6-Dinitrotoluene	14.14	165	47360	21.19	ng/ul#	39
47) Acenaphthylene	14.29	152	284437	21.38	ng/ul	97
48) 3-Nitroaniline	14.47	138	45344	21.45	ng/ul#	46
49) Acenaphthene	14.63	153	211517	22.61	ng/ul	96
50) 2,4-Dinitrophenol	14.67	184	28671	17.87	ng/ul#	37
52) 4-Nitrophenol	14.76	109	92172	22.91	ng/ul#	59
53) Dibenzofuran	14.96	168	324528	22.56	ng/ul#	83
54) 2,4-Dinitrotoluene	14.93	165	75731	22.08	ng/ul#	67
55) 2,3,4,6-Tetrachlorophenol	15.19	232	76889	21.59	ng/ul#	88
56) Diethylphthalate	15.38	149	287353	22.65	ng/ul	93
58) Fluorene	15.61	166	271256	22.56	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.60	204	155881	22.39	ng/ul	91
60) 4-Nitroaniline	15.63	138	52510	22.29	ng/ul#	1
63) 4,6-Dinitro-2-methylphenol	15.68	198	50144	18.75	ng/ul#	53
64) N-Nitrosodiphenylamine	15.82	169	245242	22.33	ng/ul	98
65) 4-Bromophenyl-phenylether	16.50	248	103604	21.98	ng/ul#	87
66) Hexachlorobenzene	16.61	284	111865	21.88	ng/ul#	85
67) Atrazine	16.76	200	99884	19.87	ng/ul	96
68) Pentachlorophenol	16.95	266	68552	20.43	ng/ul	93
69) Phenanthrene	17.35	178	472238	22.08	ng/ul	99
71) Anthracene	17.44	178	480987	21.99	ng/ul	100
72) Carbazole	17.72	167	419235	21.86	ng/ul	97
73) Di-n-butylphthalate	18.26	149	523086	22.67	ng/ul#	94
74) Fluoranthene	19.36	202	598612	21.54	ng/ul#	95
77) Pyrene	19.73	202	630540	20.39	ng/ul#	93
78) Butylbenzylphthalate	20.61	149	233048	20.24	ng/ul#	77
79) 3,3'-Dichlorobenzidine	21.40	252	234819	21.79	ng/ul	97
80) Benzo(a)anthracene	21.46	228	675404	21.79	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.37	149	334390	20.90	ng/ul#	99
82) Chrysene	21.52	228	627403	21.77	ng/ul	99
84) Di-n-octyl phthalate	22.29	149	577433	19.12	ng/ul#	78
85) Benzo(b)fluoranthene	23.12	252	646348	21.38	ng/ul#	96
86) Benzo(k)fluoranthene	23.17	252	629041	21.91	ng/ul#	95
88) Benzo(a)pyrene	23.74	252	610970	22.03	ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	26.26	276	643314	23.10	ng/ul#	89
90) Dibenzo(a,h)anthracene	26.26	278	559449	23.22	ng/ul#	96
91) Benzo(g,h,i)perylene	27.00	276	541096	23.90	ng/ul#	93

SJ 1/27/17

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

Quantitation Report (Qedit)

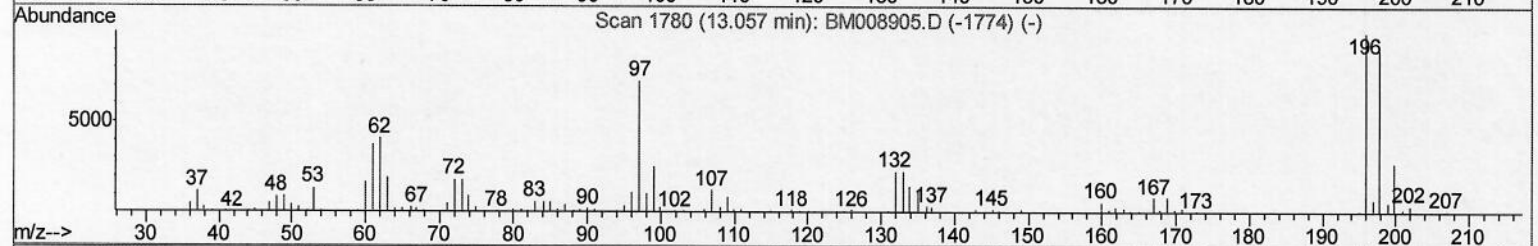
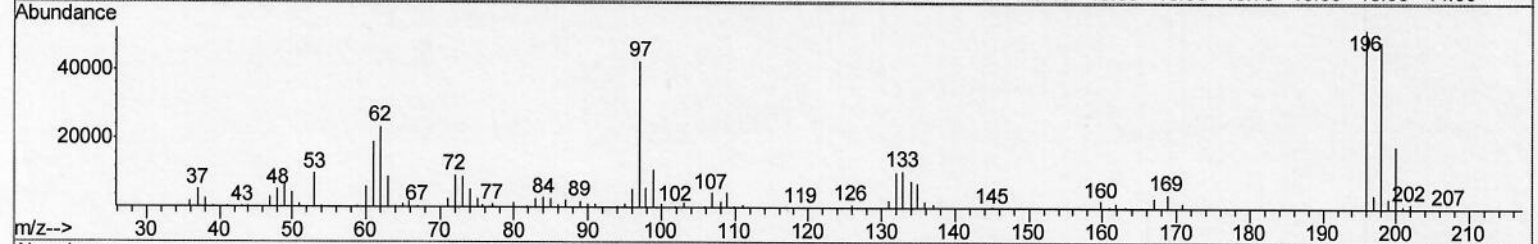
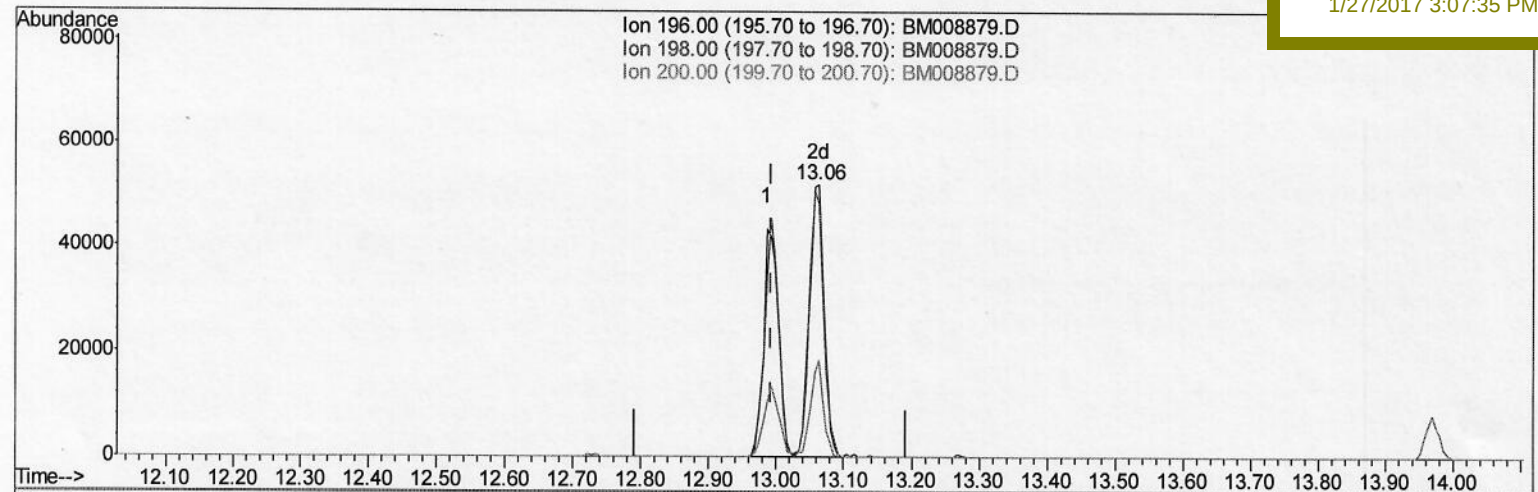
Data Path : Z:\HPCHEM1\BNA M\Data\BM012617\
 Data File : BM008879.D
 Acq On : 26 Jan 2017 16:47
 Operator : SJ/MA
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Ouant Time: Jan 27 12:43:30 2017
 Ouant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM012317.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jan 27 05:52:35 2017
 Response via : Initial Calibration

Instrument :
 BNA_M
 LabSampleId :
 SSTD02048

Manual Integrations
 APPROVED

mohammad
 1/27/2017 3:07:35 PM



TIC: BM008879.D

(39) 2,4,5-Trichlorophenol

13.063min (+0.071) 21.93ng/ul m

response 77763

Ion	Exp%	Act%
196.00	100	100
198.00	97.20	93.34
200.00	29.50	35.52#
0.00	0.00	0.00

78.5 1/27/17