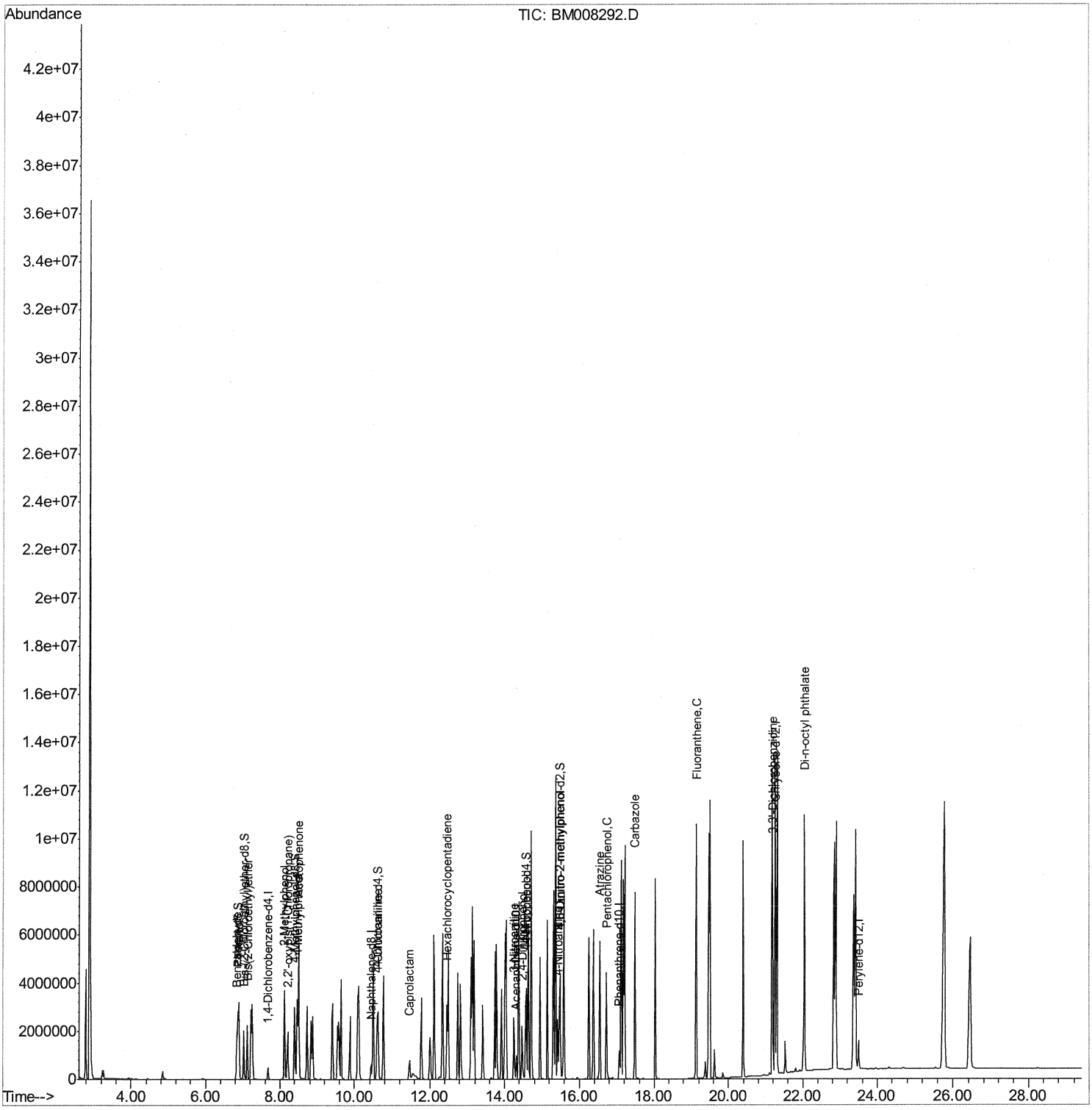
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121416\
Data File : BM008292.D
Acq On : 14 Dec 2016 03:35
Operator : UM/SJ
Sample : SSTD16048
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Dec 14 05:03:16 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM1214
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 14 04:50:38 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTD16048

Manual Integrations APPROVED
Sohil
12/14/2016 6:58:41 PM



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Data File : BM008292.D
Acq On : 14 Dec 2016 03:35
Operator : UM/SJ
Sample : SSTD16048
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Dec 14 04:56:28 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM1214
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 14 04:50:38 2016
Response via : Initial Calibration

Instrument :
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ClientSampleId :
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Manual Integrations APPROVED
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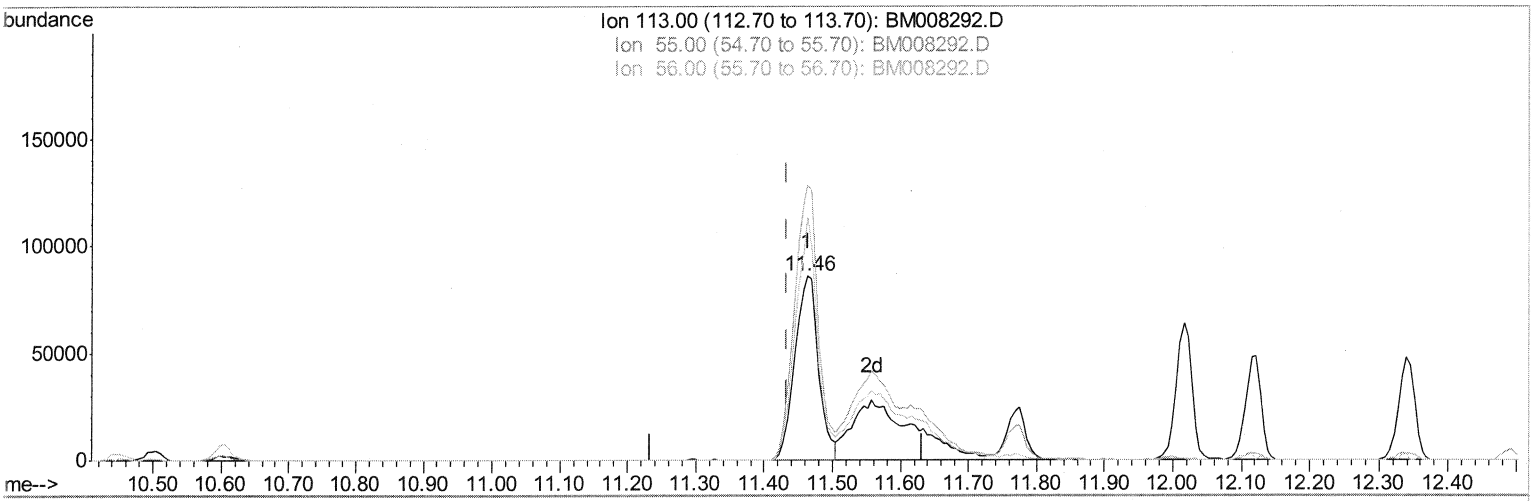

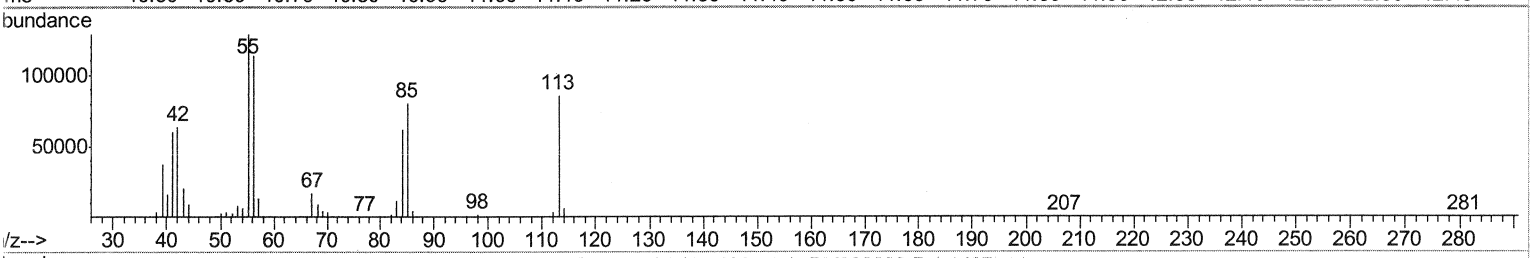

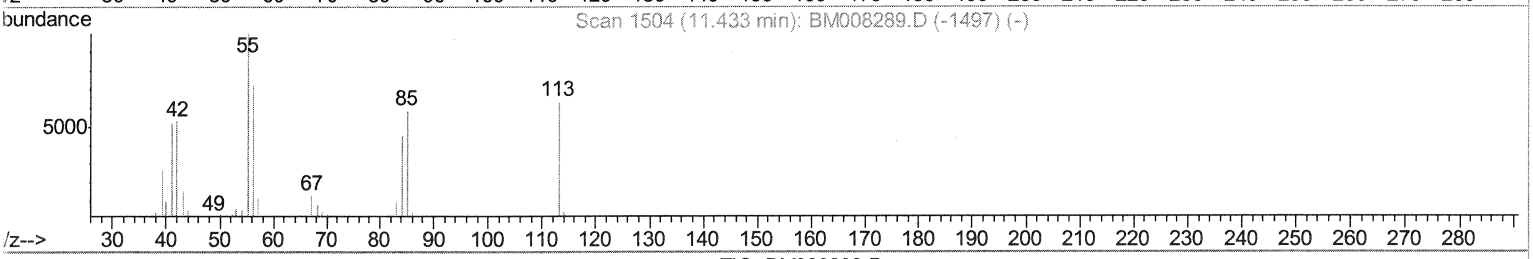

TIC: BM008292.D

(32) Caprolactam

11.463min (+0.029) 90.46ng/ul

response 207994

Ion	Exp%	Act%
113.00	100	100
55.00	157.60	149.85
56.00	114.10	132.17
0.00	0.00	0.00

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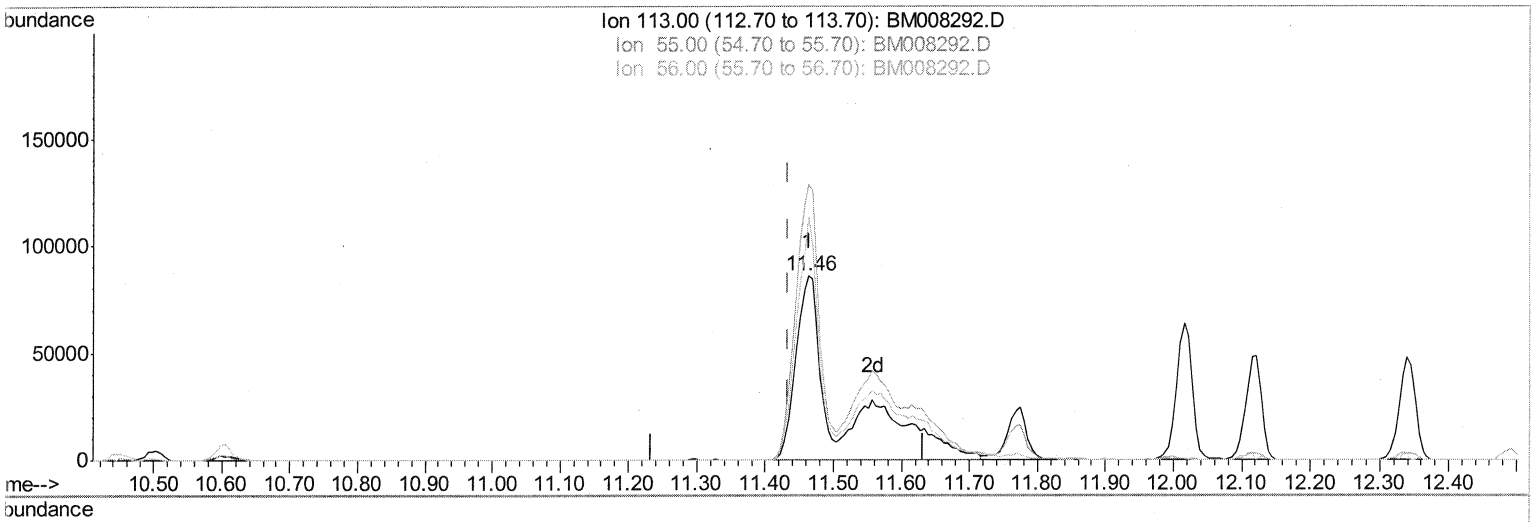

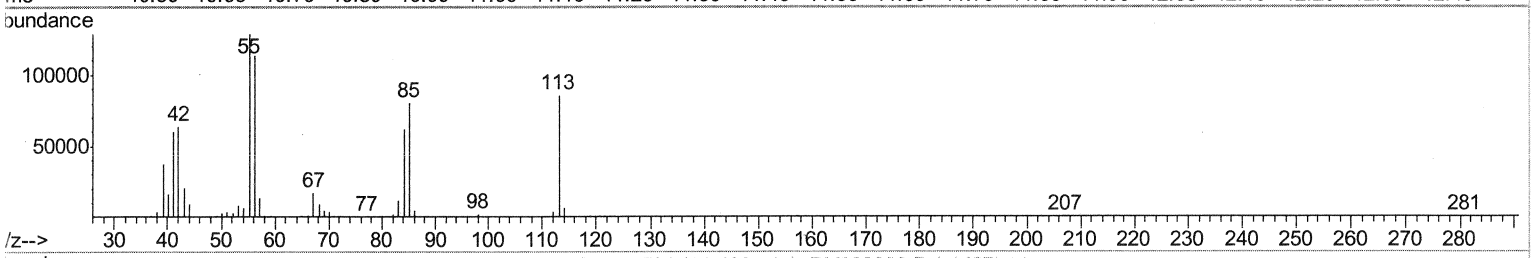

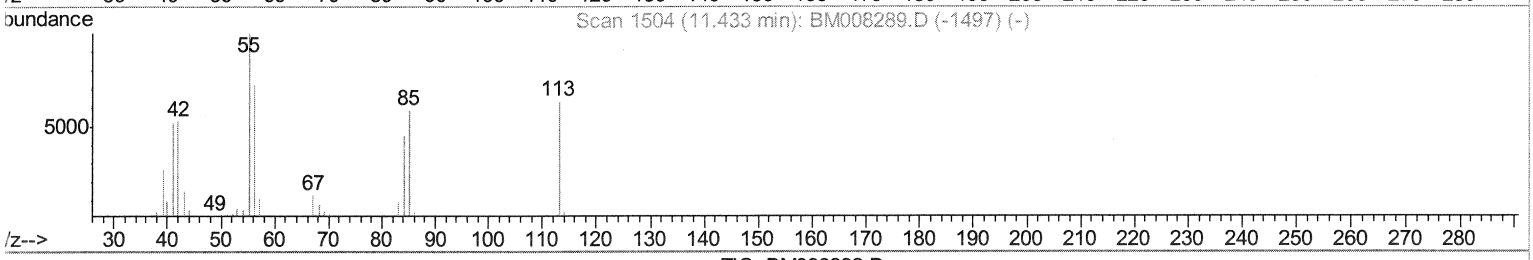

TIC: BM008292.D

(32) Caprolactam

11.463min (+0.029) 166.96ng/ul m SJ 12/14/16

response 383878

Ion	Exp%	Act%
113.00	100	100
55.00	157.60	149.85
56.00	114.10	132.17
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM12141
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Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	127564	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	499768	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.32	164	336341	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.07	188	681390	20.00	ng/ul	0.00
75) Chrysene-d12	21.27	240	883819	20.00	ng/ul	0.00
83) Perylene-d12	23.50	264	881606	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.00	96	0d	0.00	ng/uL	
5) Phenol-d5	6.87	99	1613780	164.53	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.02	67	891128	156.05	ng/ul	0.00
9) 2-Chlorophenol-d4	0.00	132	0d	0.00	ng/ul	
13) 4-Methylphenol-d8	8.40	113	1247776	162.72	ng/ul	0.01
19) Nitrobenzene-d5	0.00	128	0d	0.00	ng/ul	
22) 2-Nitrophenol-d4	0.00	143	0d	0.00	ng/ul	
26) 2,4-Dichlorophenol-d3	0.00	165	0d	0.00	ng/ul	
29) 4-Chloroaniline-d4	10.60	131	1168444	138.74	ng/ul	0.00
43) Dimethylphthalate-d6	0.00	166	0d	0.00	ng/ul	
46) Acenaphthylene-d8	0.00	160	0d	0.00	ng/ul	
51) 4-Nitrophenol-d4	14.57	143	620503	185.99	ng/ul	0.01
57) Fluorene-d10	0.00	176	0d	0.00	ng/ul	
62) 4,6-Dinitro-2-methylphenol	15.47	200	742467	185.46	ng/ul	0.00
70) Anthracene-d10	0.00	188	0d	0.00	ng/ul	
76) Pyrene-d10	0.00	212	0d	0.00	ng/ul	
87) Benzo(a)pyrene-d12	0.00	264	0d	0.00	ng/ul	
Target Compounds						Qvalue
4) Benzaldehyde	6.83	77	712430	108.38	ng/ul	92
6) Phenol	6.89	94	1663320	162.98	ng/ul	96
8) Bis(2-Chloroethyl)ether	7.12	93	1206938	157.06	ng/ul	99
11) 2-Methylphenol	8.12	108	1219753	163.34	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.21	45	1336721	152.81	ng/ul	99
14) Acetophenone	8.51	105	2005407	161.18	ng/ul	95
16) 4-Methylphenol	8.47	108	1320581	163.83	ng/ul	99
30) 4-Chloroaniline	10.63	127	1182985	139.10	ng/ul	97
32) Caprolactam	11.46	113	383878m	166.96	ng/ul	
37) Hexachlorocyclopentadiene	12.46	237	937404	230.33	ng/ul	97
48) 3-Nitroaniline	14.25	138	637868	152.57	ng/ul	98
50) 2,4-Dinitrophenol	14.47	184	517049	210.51	ng/ul	95
52) 4-Nitrophenol	14.59	109	578963	173.77	ng/ul	96
60) 4-Nitroaniline	15.43	138	661996	168.78	ng/ul	93
63) 4,6-Dinitro-2-methylphenol	15.49	198	744119	179.61	ng/ul#	91
67) Atrazine	16.56	200	1232548	162.58	ng/ul	99
68) Pentachlorophenol	16.73	266	826535	178.78	ng/ul	97
72) Carbazole	17.49	167	4972135	159.84	ng/ul	99
74) Fluoranthene	19.14	202	6645142	155.68	ng/ul	98
79) 3,3'-Dichlorobenzidine	21.19	252	2260982	148.16	ng/ul	98
84) Di-n-octyl phthalate	22.04	149	7055678	164.83	ng/ul	98

SJ 12/14/16

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12/14/2016 6:58:41 PM

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

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