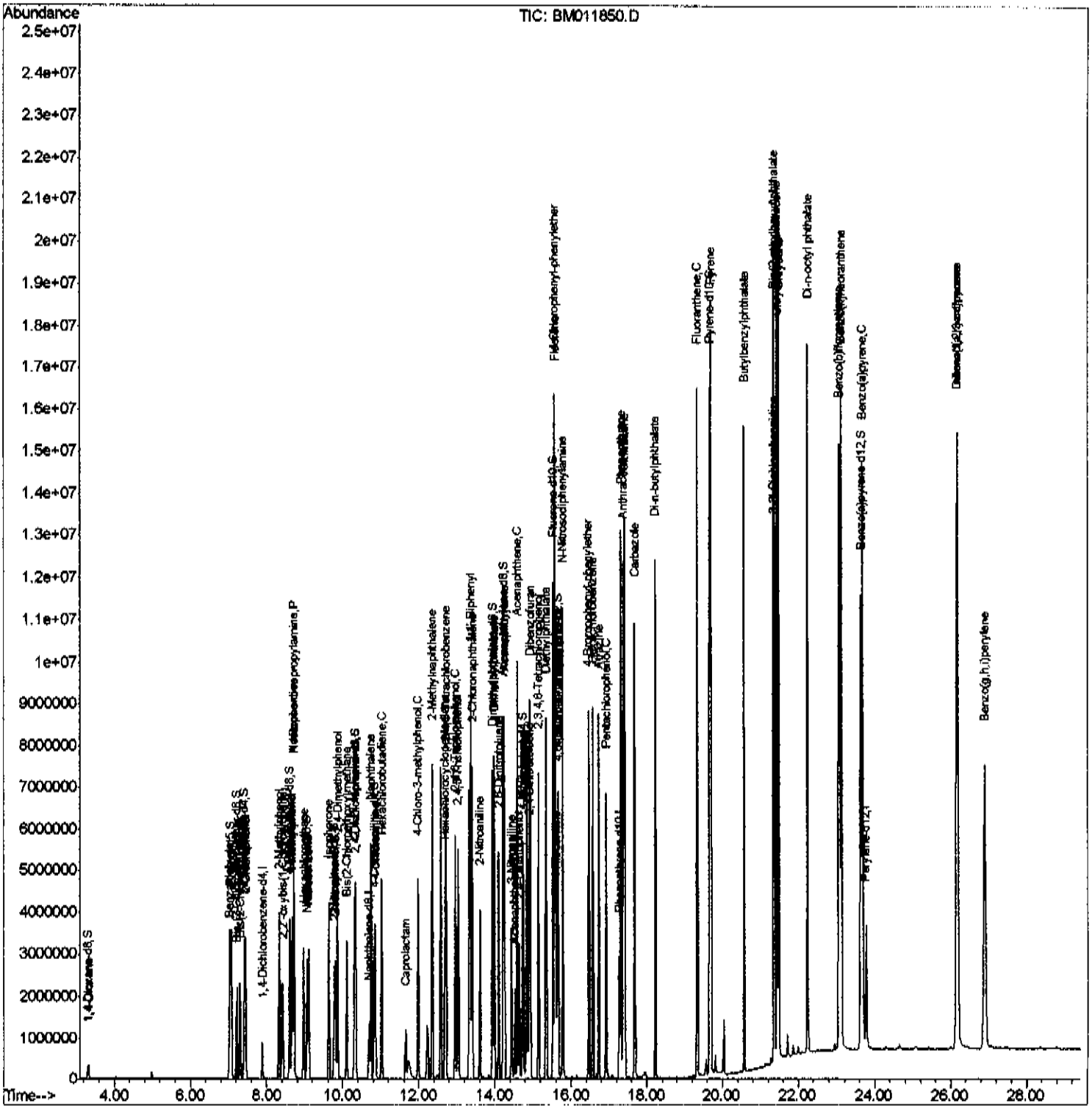
Data Path : Z:\HPCHEM1\BNA_M\Data\BM100317\
Data File : BM011850.D
Acq On : 03 Oct 2017 13:37
Operator : SJ/JU
Sample : SSTD08013
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Oct 03 15:02:11 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM100317.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 03 14:58:01 2017
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTD08013

Manual Integrations APPROVED
Sohil
10/4/2017 7:27:54 PM



Data Path : Z:\HPCHEM1\BNA_M\Data\BM100317\
Data File : BM011850.D
Acq On : 03 Oct 2017 13:37
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Sample : SSTD08013
Misc :
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Quant Time: Oct 03 15:00:13 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM100317.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 03 14:58:01 2017
Response via : Initial Calibration

Instrument :
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ClientSampleId :
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Manual Integrations APPROVED
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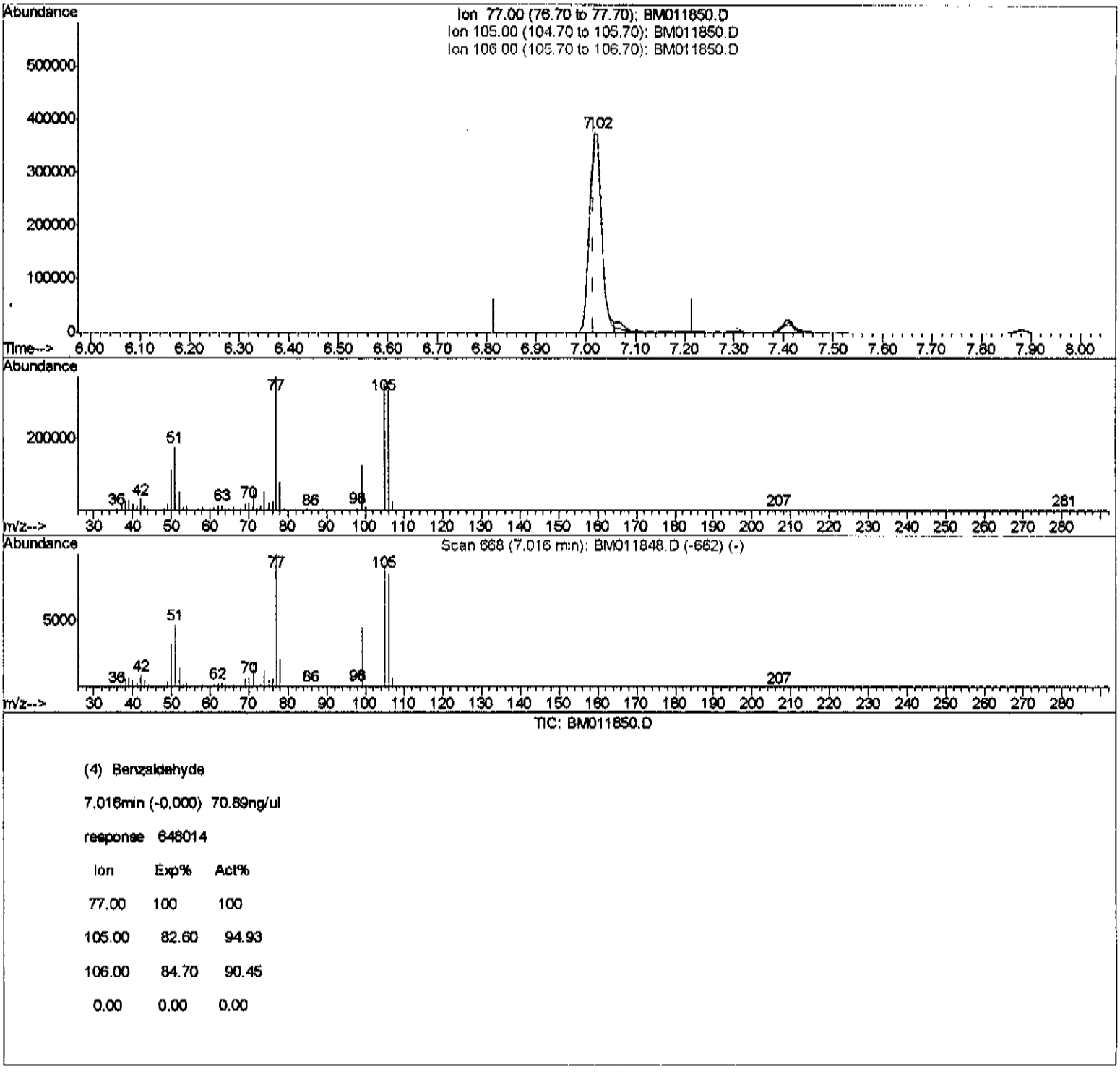

TIC: BM011850.D

(4) Benzaldehyde

7.016min (-0.000) 70.89ng/ul

response 648014

Ion	Exp%	Act%
77.00	100	100
105.00	82.60	94.93
106.00	84.70	90.45
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM100317\
Data File : BM011850.D
Acq On : 03 Oct 2017 13:37
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Sample : SSTD08013
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Quant Time: Oct 03 15:00:13 2017
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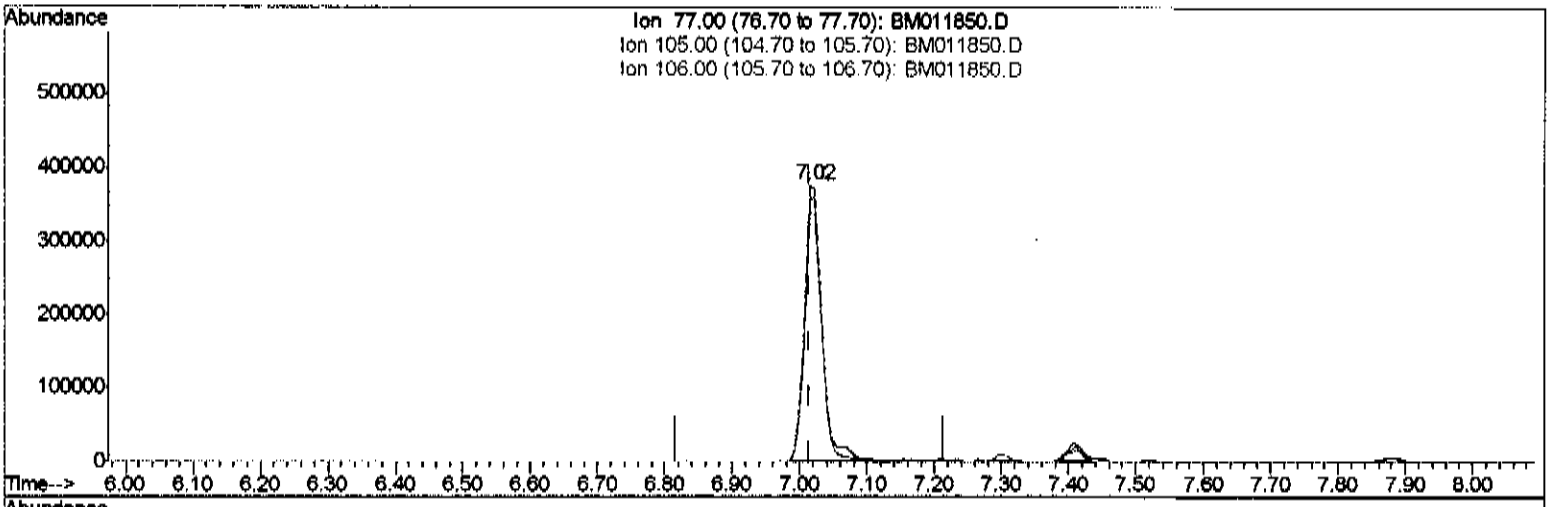
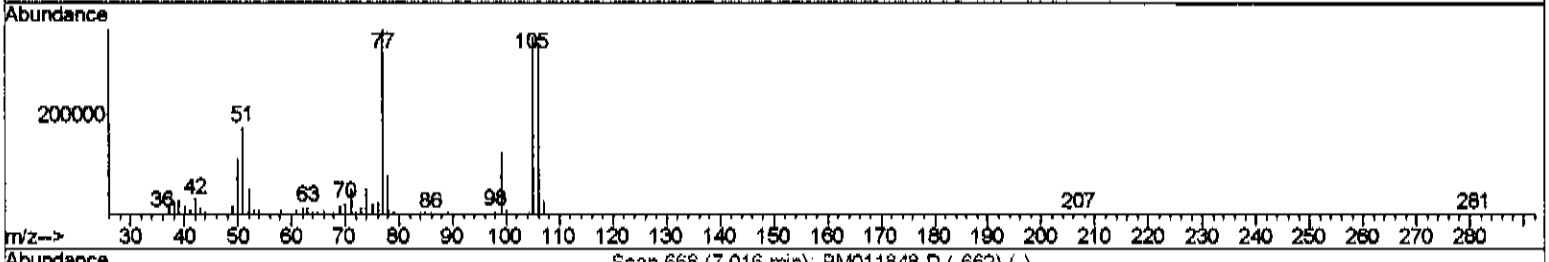
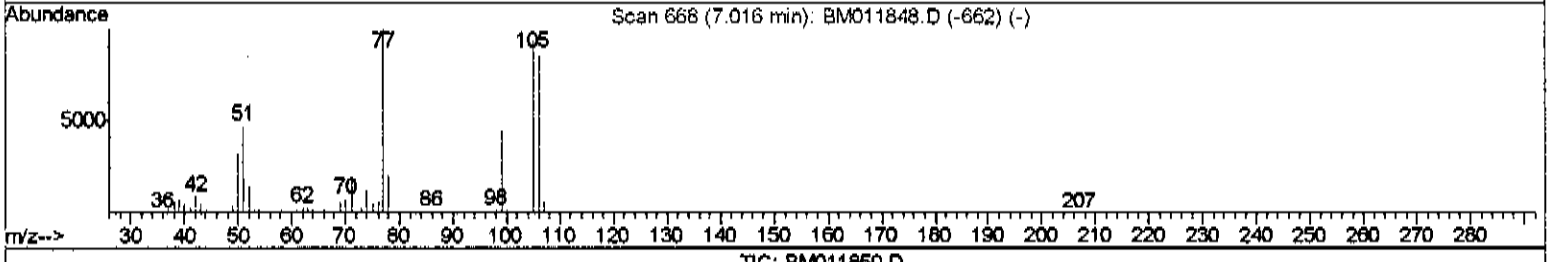
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 03 14:58:01 2017
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTD08013

Manual Integrations APPROVED
Sohil
10/4/2017 7:27:54 PM







TIC: BM011850.D

(4) Benzaldehyde

7.016min (-0.000) 73.57ng/ul m JU 10/6/17

response 672511

Ion	Exp%	Act%
77.00	100	100
105.00	82.60	94.93
106.00	84.70	90.45
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_M\Data\BM100317\
Data File : BM011850.D
Acq On : 03 Oct 2017 13:37
Operator : SJ/JU
Sample : SSTD08013
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Oct 03 15:00:13 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM100317.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 03 14:58:01 2017
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTD08013

Manual Integrations APPROVED
Sohil
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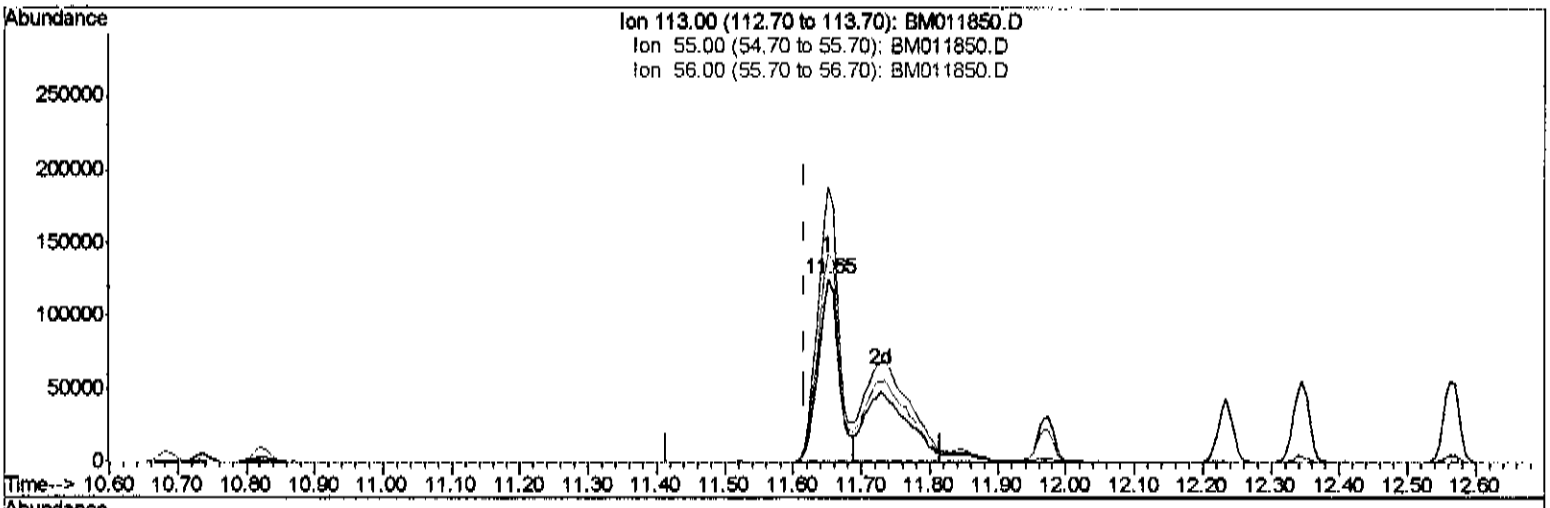

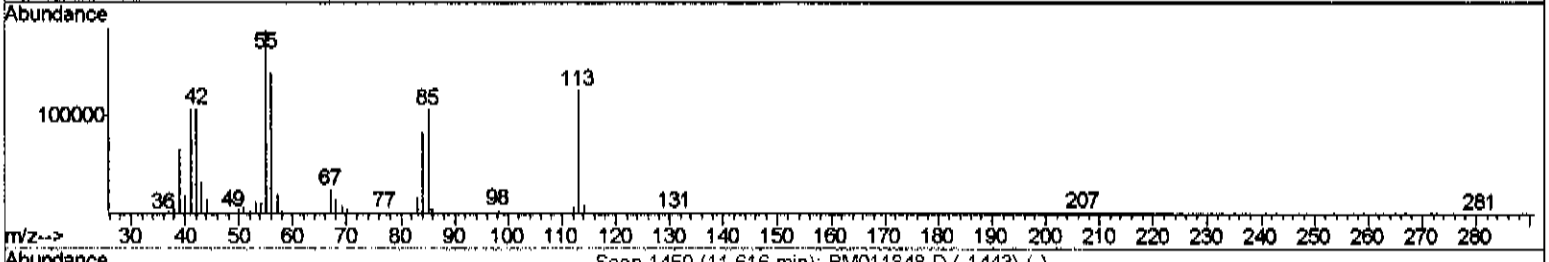

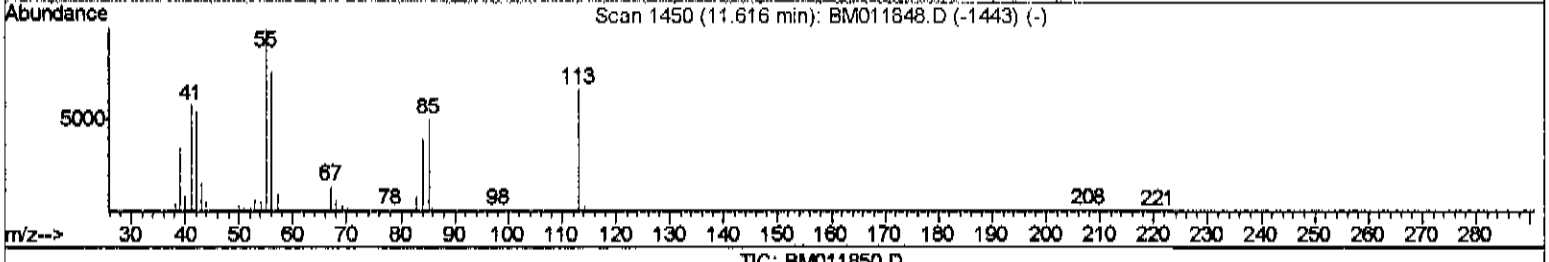

TIC: BM011850.D

(32) Caprolactam

11.651min (+0.035) 46.71ng/ul

response 264280

Ion	Exp%	Act%
113.00	100	100
55.00	260.00	150.47#
56.00	200.00	114.43#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_M\Data\BM100317\
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Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Oct 03 15:00:13 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM100317.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 03 14:58:01 2017
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTD08013

Manual Integrations APPROVED
Sohil
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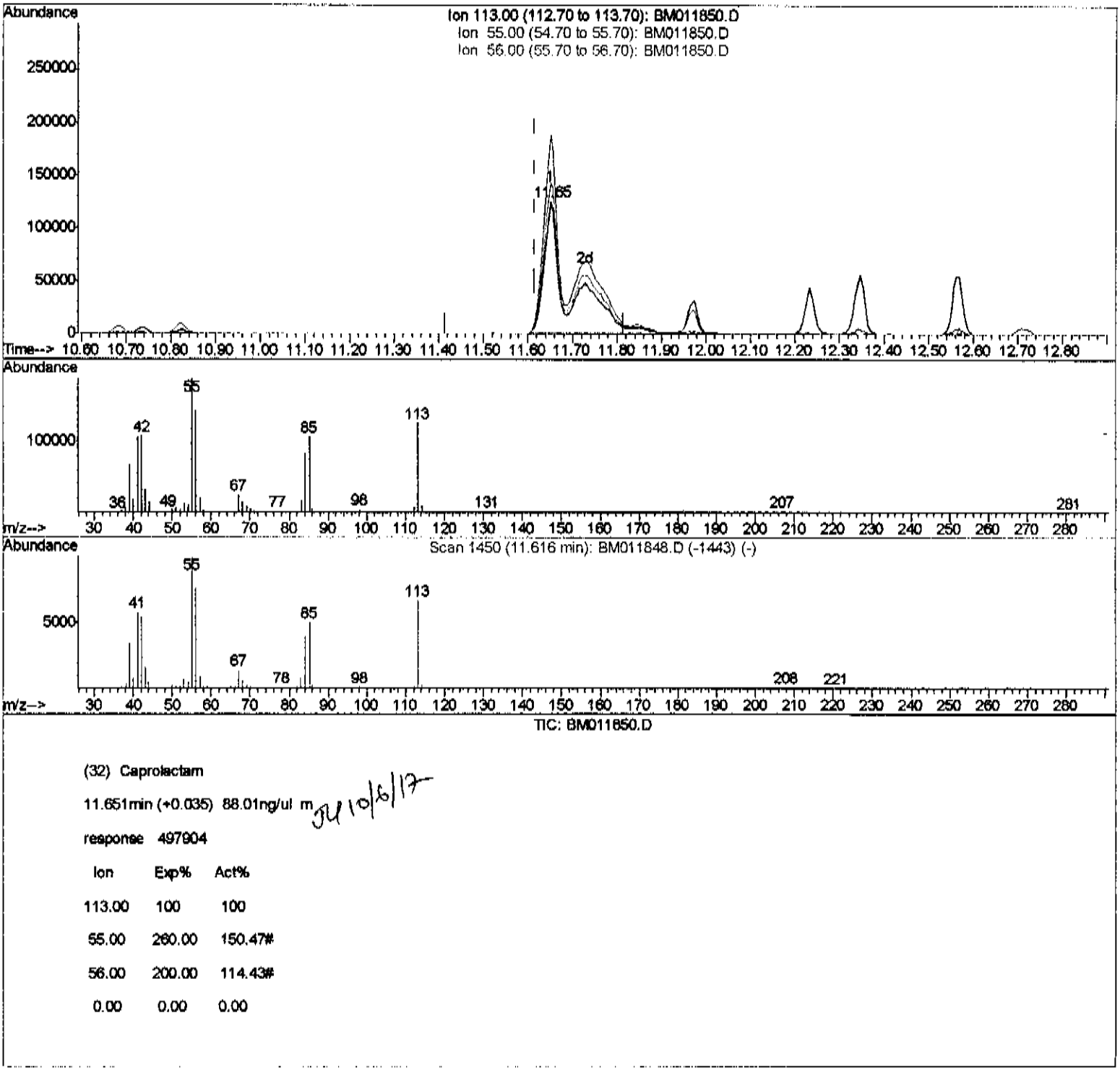

(32) Caprolactam

11.651min (+0.035) 88.01ng/ul m JU 10/6/17

response 497904

Ion	Exp%	Act%
113.00	100	100
55.00	260.00	150.47#
56.00	200.00	114.43#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM100317\
Data File : BM011850.D
Acq On : 03 Oct 2017 13:37
Operator : SJ/JU
Sample : SSTD08013
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Oct 03 15:02:11 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM100317.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 03 14:58:01 2017
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Instrument : BNA_M
ClientSampleId : SSTD08013

Manual Integrations APPROVED
Sohil
10/4/2017 7:27:54 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	243597	20.00	ng/ul	0.00
18) Naphthalene-d8	10.69	136	1111224	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.52	164	717181	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.26	188	1770947	20.00	ng/ul	0.00
75) Chrysene-d12	21.43	240	2319545	20.00	ng/ul	0.00
83) Perylene-d12	23.76	264	2197098	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.29	96	156690	76.06	ng/uL	0.00
5) Phenol-d5	7.04	99	1762164	84.27	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.21	67	993623	80.22	ng/ul	0.00
9) 2-Chlorophenol-d4	7.41	132	1469304	87.39	ng/ul	0.00
13) 4-Methylphenol-d8	8.59	113	1506062	83.51	ng/ul	0.01
19) Nitrobenzene-d5	9.05	128	712811	90.08	ng/ul	0.00
22) 2-Nitrophenol-d4	9.77	143	847254	95.05	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.30	165	1629277	90.45	ng/ul	0.00
29) 4-Chloroaniline-d4	10.82	131	1638563	83.79	ng/ul	0.00
43) Dimethylphthalate-d6	13.93	166	5200213	83.66	ng/ul	0.01
46) Acenaphthylene-d8	14.22	160	6258294	85.68	ng/ul	0.00
51) 4-Nitrophenol-d4	14.73	143	967898	89.54	ng/ul	0.02
57) Fluorene-d10	15.52	176	4574943	83.39	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.64	200	1072367	89.96	ng/ul	0.01
70) Anthracene-d10	17.37	188	7348757	84.21	ng/ul	0.00
76) Pyrene-d10	19.66	212	8783852	83.95	ng/ul	0.01
87) Benzo(a)pyrene-d12	23.62	264	9082444	85.93	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.32	88	161729	77.259	ng/uL#	68
4) Benzaldehyde	7.02	77	672511m	73.575	ng/ul	) JY 10/6/17
6) Phenol	7.07	94	1730568	83.634	ng/ul#	83
8) Bis(2-Chloroethyl)ether	7.30	93	1254993	80.702	ng/ul	97
10) 2-Chlorophenol	7.44	128	1420642	86.469	ng/ul	97
11) 2-Methylphenol	8.32	108	1324305	84.047	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.41	45	1574687	79.059	ng/ul#	87
14) Acetophenone	8.71	105	2164342	81.818	ng/ul	89
15) N-Nitroso-di-n-propylamine	8.70	70	1145379	84.427	ng/ul#	68
16) 4-Methylphenol	8.66	108	1458940	82.908	ng/ul	93
17) Hexachloroethane	8.96	117	545469	82.748	ng/ul	85
20) Nitrobenzene	9.09	77	1651008	86.358	ng/ul	91
21) Isophorone	9.62	82	3097623	86.889	ng/ul#	92
23) 2-Nitrophenol	9.80	139	857857	91.574	ng/ul#	75
24) 2,4-Dimethylphenol	9.86	107	1704998	84.860	ng/ul#	86
25) Bis(2-Chloroethoxy)methane	10.09	93	1829986	83.595	ng/ul	96
27) 2,4-Dichlorophenol	10.33	162	1528616	87.944	ng/ul	91
28) Naphthalene	10.73	128	4504591	80.810	ng/ul	100
30) 4-Chloroaniline	10.85	127	1598034	83.227	ng/ul	96
31) Hexachlorobutadiene	11.01	225	1042474	81.746	ng/ul	95
32) Caprolactam	11.65	113	497904m	88.007	ng/ul	> JY 10/6/17
33) 4-Chloro-3-methylphenol	11.97	107	1655387	87.617	ng/ul	94
34) 2-Methylnaphthalene	12.35	142	3549530	83.507	ng/ul	96

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Sohil
10/4/2017 7:27:54 PM

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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM100317.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 03 14:58:01 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.71	216	2065625	84.904	ng/ul	97
37) Hexachlorocyclopentadiene	12.69	237	1230308	86.968	ng/ul	99
38) 2,4,6-Trichlorophenol	12.95	196	1408424	91.145	ng/ul	97
39) 2,4,5-Trichlorophenol	13.03	196	1494419	91.886	ng/ul	99
40) 1,1'-Biphenyl	13.36	154	4713173	82.197	ng/ul	99
41) 2-Chloronaphthalene	13.40	162	3717735	82.859	ng/ul	98
42) 2-Nitroaniline	13.61	65	1107141	97.204	ng/ul	89
44) Dimethylphthalate	13.98	163	4953621	82.839	ng/ul	100
45) 2,6-Dinitrotoluene	14.10	165	1083654	96.116	ng/ul	88
47) Acenaphthylene	14.24	152	5943198	83.917	ng/ul	100
48) 3-Nitroaniline	14.43	138	928728	89.508	ng/ul	87
49) Acenaphthene	14.59	153	4016155	81.950	ng/ul	100
50) 2,4-Dinitrophenol	14.64	184	718205	97.112	ng/ul	97
52) 4-Nitrophenol	14.74	109	772013	89.594	ng/ul#	78
53) Dibenzofuran	14.92	168	5823514	81.875	ng/ul	99
54) 2,4-Dinitrotoluene	14.89	165	1585934	95.137	ng/ul#	80
55) 2,3,4,6-Tetrachlorophenol	15.14	232	1444867	90.971	ng/ul	92
56) Diethylphthalate	15.34	149	5118700	84.335	ng/ul	96
58) Fluorene	15.57	166	4951742	83.367	ng/ul	100
59) 4-Chlorophenyl-phenylether	15.56	204	2674381	85.135	ng/ul	96
60) 4-Nitroaniline	15.60	138	1106811	91.182	ng/ul	90
63) 4,6-Dinitro-2-methylphenol	15.66	198	1082577	88.937	ng/ul#	86
64) N-Nitrosodiphenylamine	15.77	169	4294358	83.943	ng/ul	99
65) 4-Bromophenyl-phenylether	16.45	248	1703699	85.884	ng/ul	96
66) Hexachlorobenzene	16.57	284	1838569	82.899	ng/ul#	90
67) Atrazine	16.73	200	1687131	83.381	ng/ul	93
68) Pentachlorophenol	16.92	266	1212963	86.896	ng/ul	99
69) Phenanthrene	17.31	178	7958888	81.702	ng/ul	99
71) Anthracene	17.40	178	8256262	83.296	ng/ul	98
72) Carbazole	17.67	167	7175001	83.626	ng/ul	98
73) Di-n-butylphthalate	18.22	149	8937136	86.869	ng/ul#	97
74) Fluoranthene	19.32	202	10136289	85.555	ng/ul#	88
77) Pyrene	19.69	202	10486238	81.533	ng/ul#	89
78) Butylbenzylphthalate	20.56	149	4489570	89.112	ng/ul	90
79) 3,3'-Dichlorobenzidine	21.35	252	3576578	83.108	ng/ul#	94
80) Benzo(a)anthracene	21.42	228	10967252	82.534	ng/ul	96
81) Bis(2-ethylhexyl)phthalate	21.33	149	6559292	87.515	ng/ul	99
82) Chrysene	21.47	228	10128320	80.220	ng/ul	96
84) Di-n-octyl phthalate	22.23	149	11158662	88.376	ng/ul	99
85) Benzo(b)fluoranthene	23.06	252	11747706	87.967	ng/ul#	97
86) Benzo(k)fluoranthene	23.11	252	10777911	80.838	ng/ul#	95
88) Benzo(a)pyrene	23.67	252	11034563	85.990	ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	26.16	276	11738275	85.481	ng/ul#	91
90) Dibenzo(a,h)anthracene	26.17	278	9898104	87.722	ng/ul#	95
91) Benzo(g,h,i)perylene	26.90	276	9446662	83.164	ng/ul#	93

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