Data Path : Z:\HPCHEM1\BNA_M\Data\BM062017\
Data File : BM010593.D
Acq On : 20 Jun 2017 17:07
Operator : SJ/MA
Sample : SSTD08035
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jun 20 18:15:21 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 20 17:04:25 2017
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTD08035

Manual Integrations APPROVED
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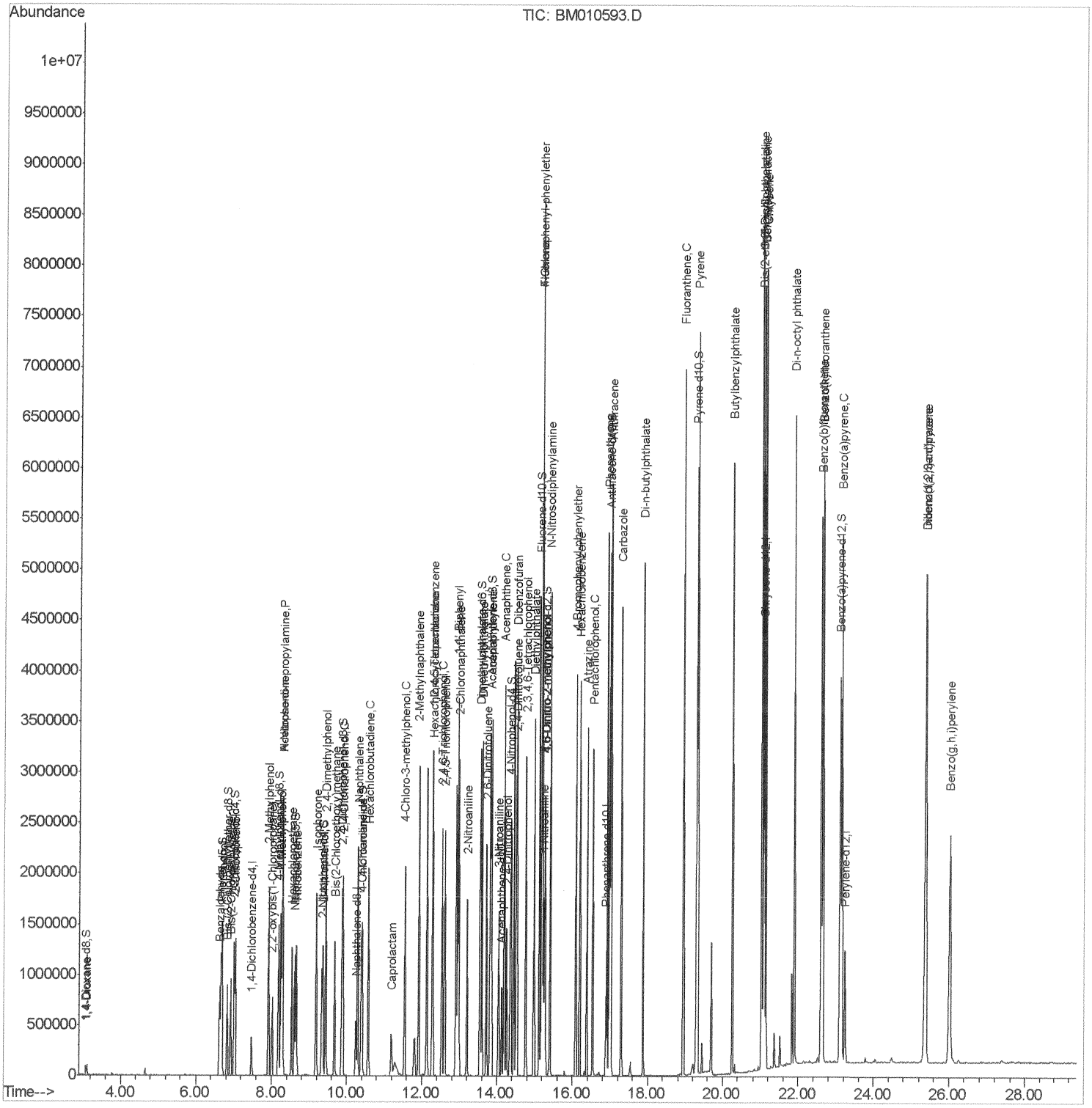

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Manual Integrations APPROVED
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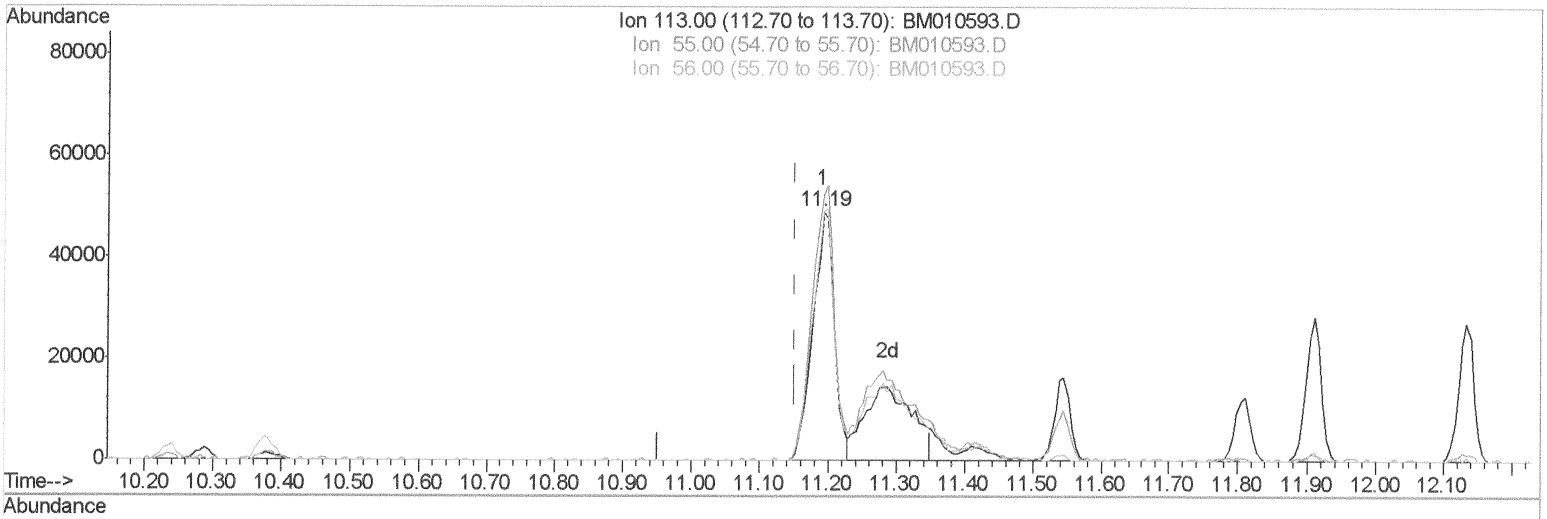

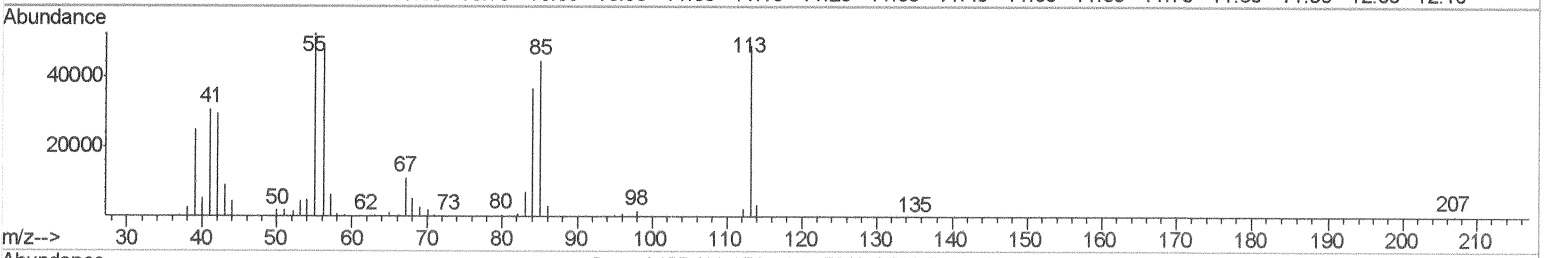

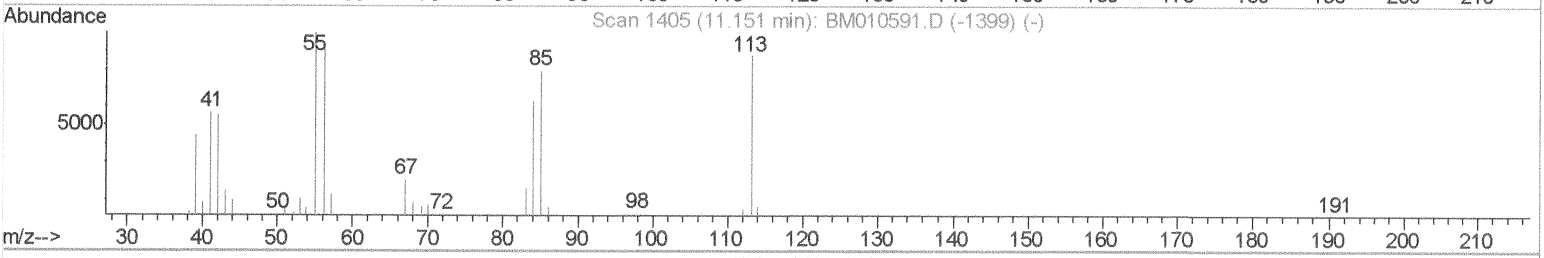

TIC: BM010593.D

(32) Caprolactam

11.192min (+0.041) 42.12ng/ul

response 107107

Ion	Exp%	Act%
113.00	100	100
55.00	118.50	107.05
56.00	107.50	100.65
0.00	0.00	0.00

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BNA_M
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Manual Integrations APPROVED
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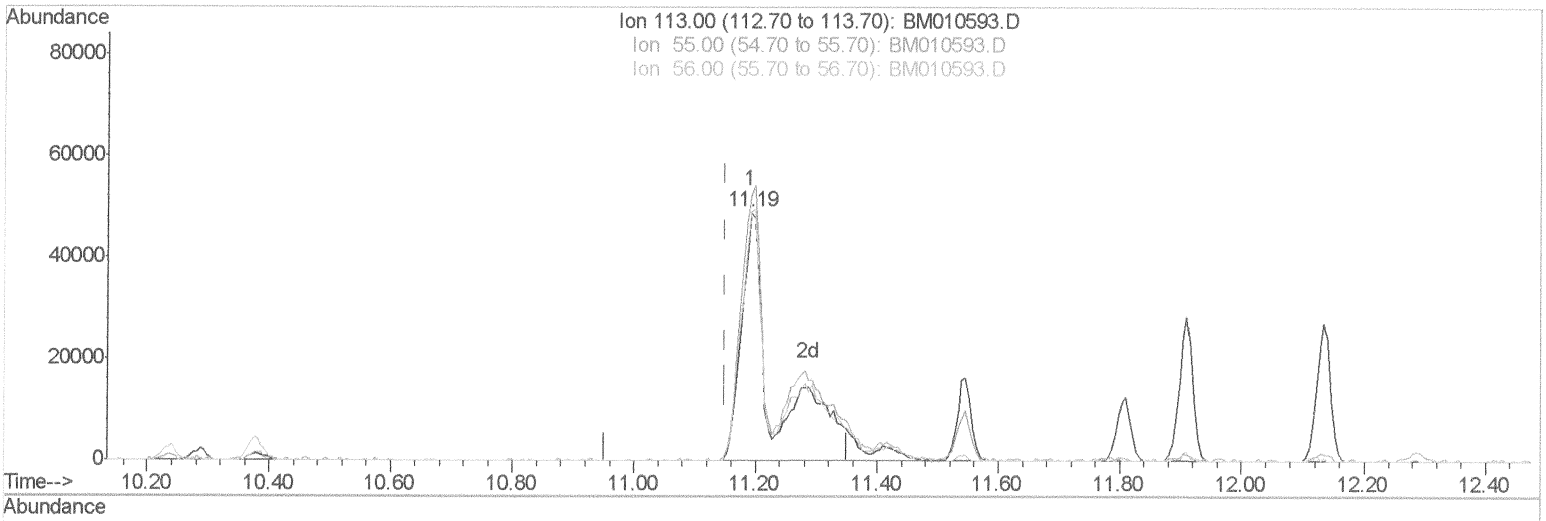

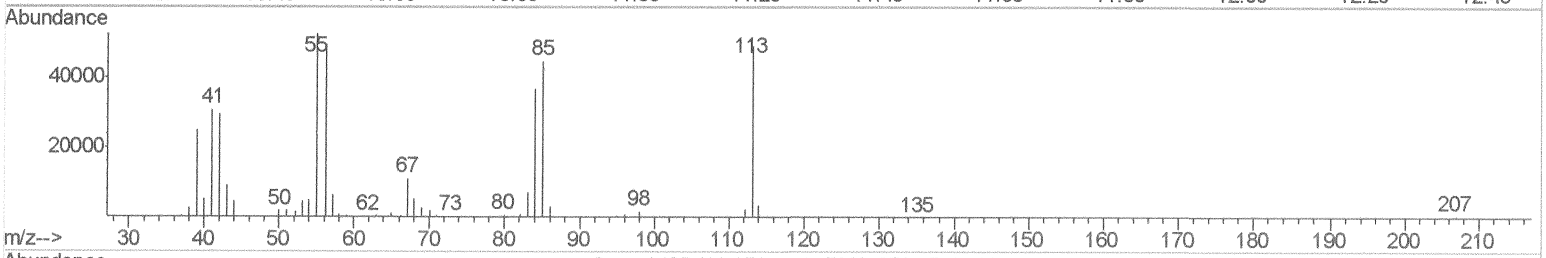

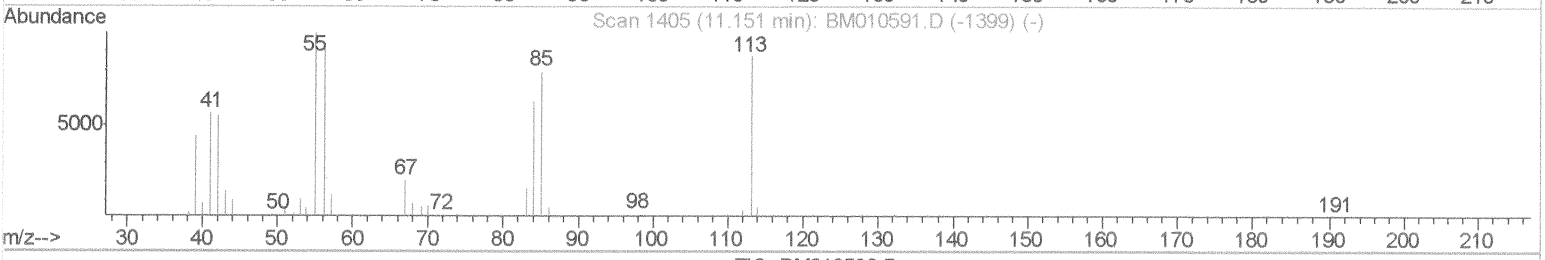

TIC: BM010593.D

(32) Caprolactam

11.192min (+0.041) 76.24ng/ul m SJ 06/26/17

response 193846

Ion	Exp%	Act%
113.00	100	100
55.00	118.50	107.05
56.00	107.50	100.65
0.00	0.00	0.00

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Manual Integrations APPROVED
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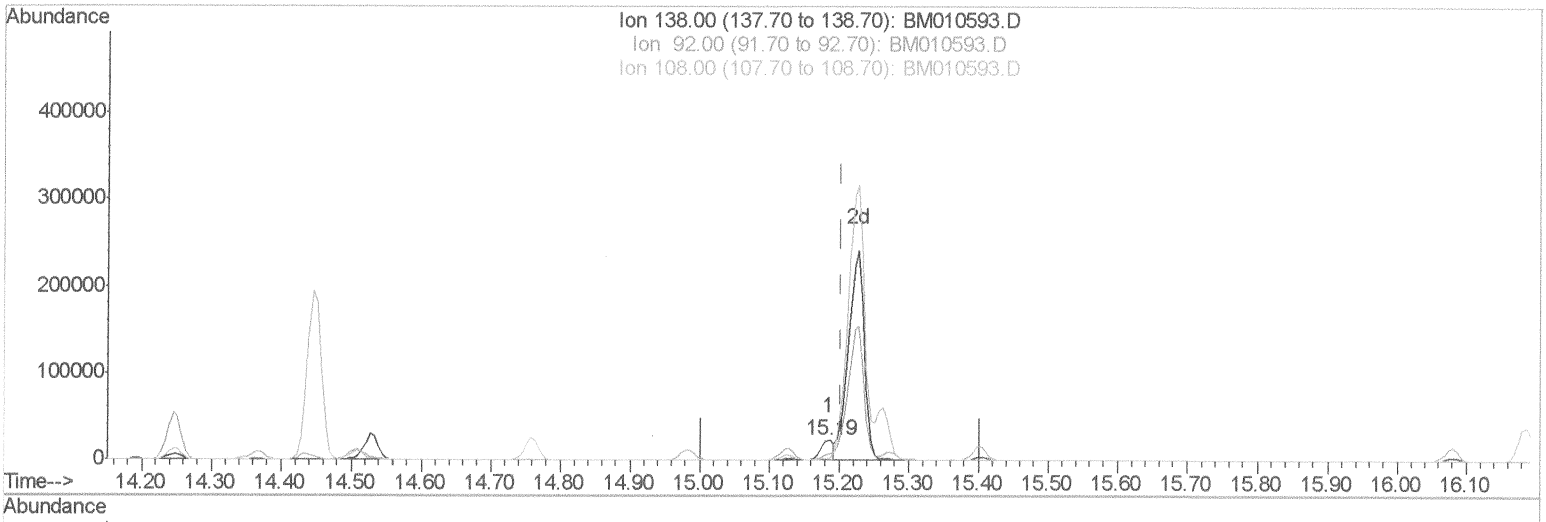

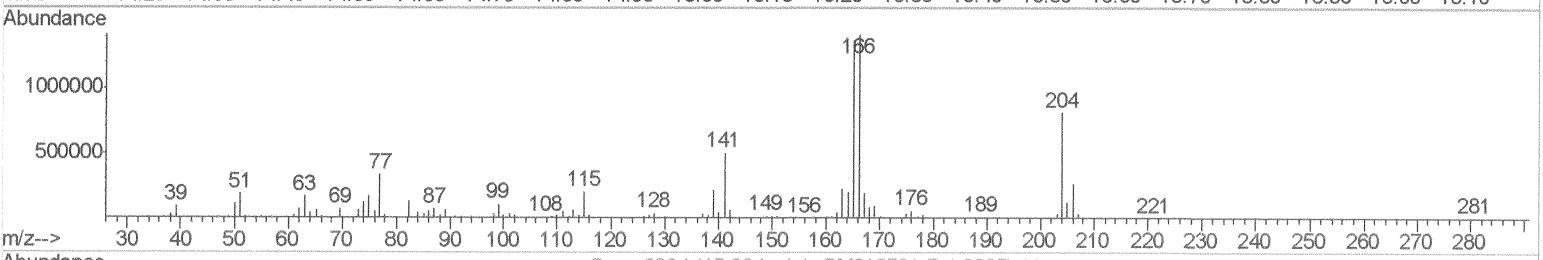

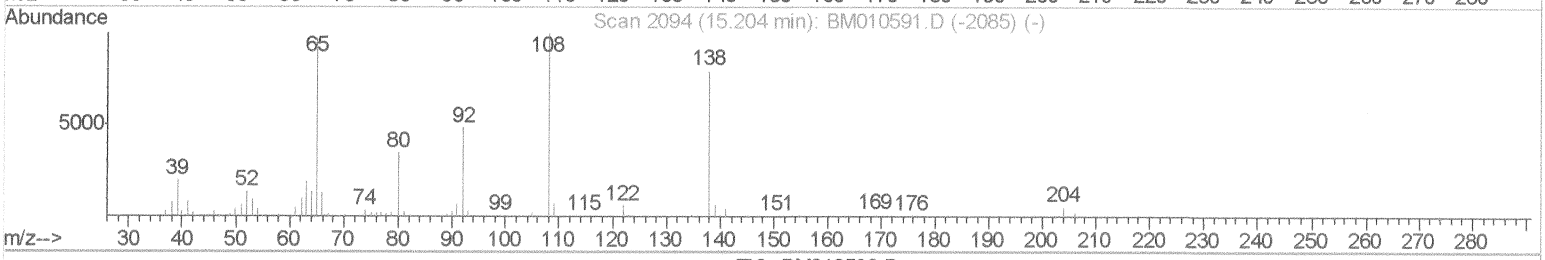

TIC: BM010593.D

(60) 4-Nitroaniline

15.186min (-0.018) 5.45ng/ul

response 30415

Ion	Exp%	Act%
138.00	100	100
92.00	65.90	31.81#
108.00	175.50	10.61#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM062017\
Data File : BM010593.D
Acq On : 20 Jun 2017 17:07
Operator : SJ/MA
Sample : SSTD08035
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jun 20 18:13:55 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
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Instrument :
BNA_M
ClientSampleId :
SSTD08035

Manual Integrations APPROVED
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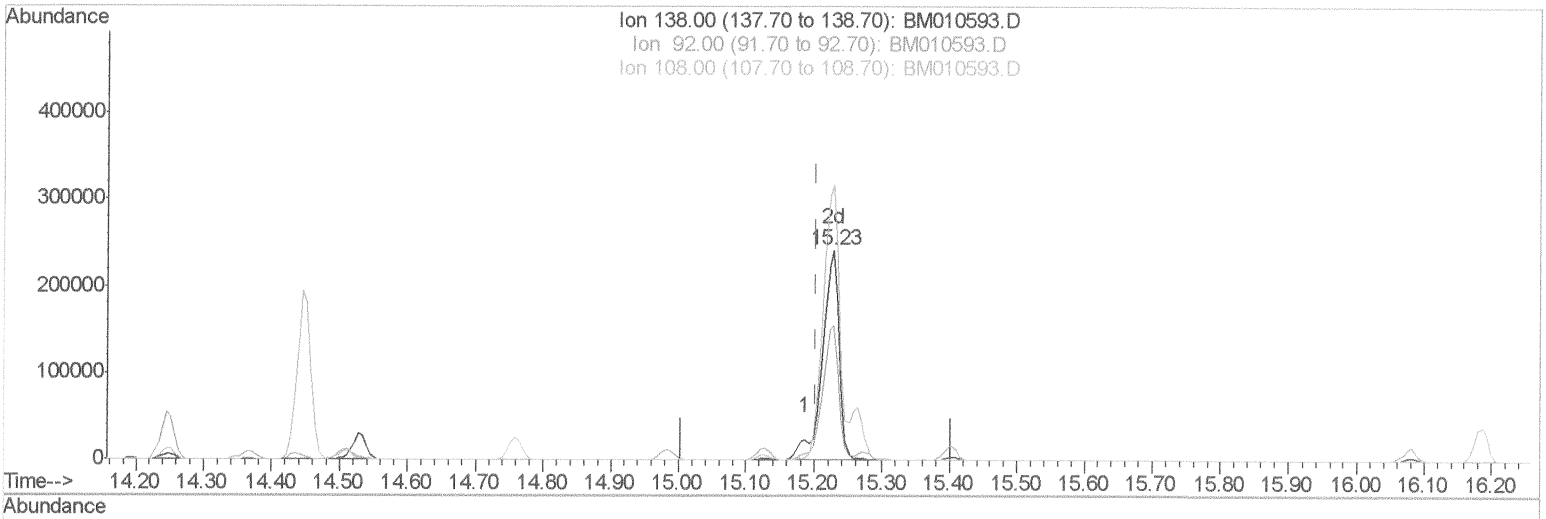

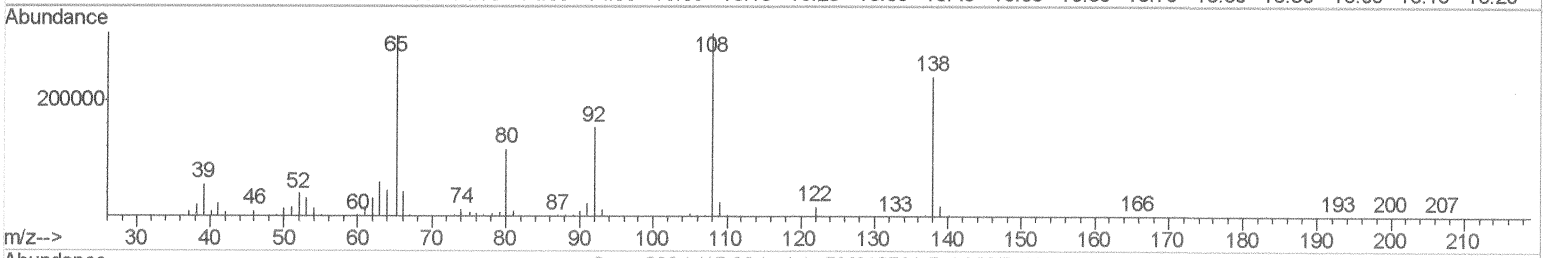

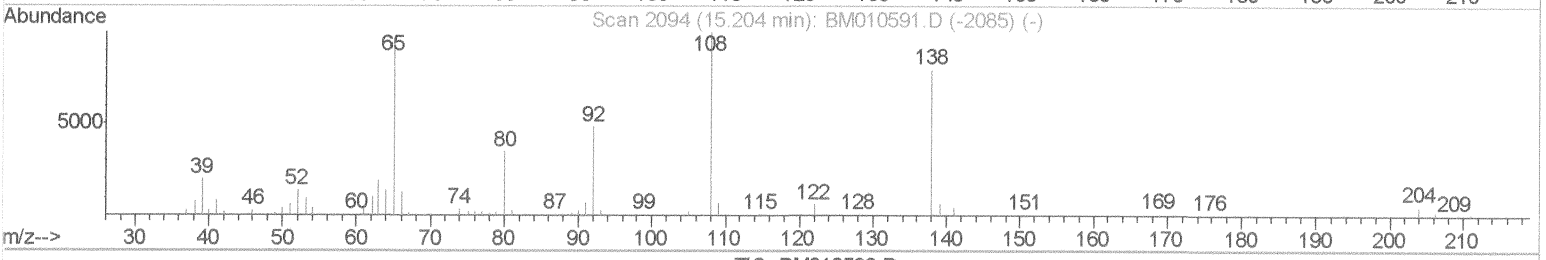

TIC: BM010593.D

(60) 4-Nitroaniline

15.227min (+0.024) 75.23ng/ul m SJ 06/20/17

response 419506

Ion	Exp%	Act%
138.00	100	100
92.00	65.90	63.97
108.00	175.50	131.45#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Misc :
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BNA_M
ClientSampleId :
SSTD08035

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.47	152	86249	20.00	ng/ul	0.00
18) Naphthalene-d8	10.23	136	398910	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.12	164	279918	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.88	188	722598	20.00	ng/ul	0.00
75) Chrysene-d12	21.10	240	848291	20.00	ng/ul	0.00
83) Perylene-d12	23.24	264	718138	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.08	96	50243	30.13	ng/uL	0.00
5) Phenol-d5	6.66	99	676464	72.19	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	6.82	67	373535	58.46	ng/ul	0.00
9) 2-Chlorophenol-d4	7.01	132	497164	87.04	ng/ul	0.00
13) 4-Methylphenol-d8	8.19	113	566071	77.50	ng/ul	0.01
19) Nitrobenzene-d5	8.62	128	249847	81.63	ng/ul	0.01
22) 2-Nitrophenol-d4	9.33	143	292079	88.54	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.86	165	592457	89.08	ng/ul	0.00
29) 4-Chloroaniline-d4	10.38	131	562834	68.37	ng/ul	0.00
43) Dimethylphthalate-d6	13.55	166	2010779	85.61	ng/ul	0.01
46) Acenaphthylene-d8	13.82	160	2361782	83.56	ng/ul	0.00
51) 4-Nitrophenol-d4	14.36	143	362629	77.18	ng/ul	0.03
57) Fluorene-d10	15.13	176	1750140	82.49	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.26	200	392904	77.07	ng/ul	0.02
70) Anthracene-d10	16.98	188	2869419	91.26	ng/ul	0.00
76) Pyrene-d10	19.29	212	3282581	88.81	ng/ul	0.01
87) Benzo(a)pyrene-d12	23.11	264	2932901	76.82	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.10	88	54325	26.611	ng/uL#	45
4) Benzaldehyde	6.63	77	307028	50.301	ng/ul	96
6) Phenol	6.69	94	709943	73.304	ng/ul	90
8) Bis(2-Chloroethyl)ether	6.92	93	498825	68.590	ng/ul	95
10) 2-Chlorophenol	7.05	128	493339	84.571	ng/ul	97
11) 2-Methylphenol	7.92	108	537518	77.113	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.01	45	338976	27.911	ng/ul	94
14) Acetophenone	8.29	105	915691	76.213	ng/ul#	88
15) N-Nitroso-di-n-propylamine	8.30	70	500414	71.949	ng/ul	90
16) 4-Methylphenol	8.25	108	584570	75.780	ng/ul	91
17) Hexachloroethane	8.53	117	211102	78.659	ng/ul	83
20) Nitrobenzene	8.66	77	713006	72.596	ng/ul	98
21) Isophorone	9.19	82	1356180	78.349	ng/ul	99
23) 2-Nitrophenol	9.36	139	305218	85.951	ng/ul	93
24) 2,4-Dimethylphenol	9.43	107	749331	85.805	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.67	93	745891	74.976	ng/ul	95
27) 2,4-Dichlorophenol	9.89	162	574057	87.796	ng/ul#	88
28) Naphthalene	10.29	128	1638516	81.787	ng/ul	100
30) 4-Chloroaniline	10.40	127	573718	69.789	ng/ul	93
31) Hexachlorobutadiene	10.57	225	407582	87.778	ng/ul	94
32) Caprolactam	11.19	113	193846m	76.236	ng/ul	
33) 4-Chloro-3-methylphenol	11.55	107	716318	90.768	ng/ul	92
34) 2-Methylnaphthalene	11.91	142	1318293	84.595	ng/ul	96

WS 06/26/17

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Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.29	216	814460	86.931 ng/ul#	96
37) Hexachlorocyclopentadiene	12.27	237	479335	94.549 ng/ul	97
38) 2,4,6-Trichlorophenol	12.54	196	563183	89.154 ng/ul	97
39) 2,4,5-Trichlorophenol	12.61	196	586873	90.319 ng/ul	98
40) 1,1'-Biphenyl	12.95	154	1802854	81.164 ng/ul	98
41) 2-Chloronaphthalene	12.99	162	1415907	82.839 ng/ul	97
42) 2-Nitroaniline	13.20	65	473212	67.290 ng/ul	97
44) Dimethylphthalate	13.60	163	1957460	84.633 ng/ul	100
45) 2,6-Dinitrotoluene	13.72	165	394956	84.682 ng/ul#	93
47) Acenaphthylene	13.85	152	2225862	80.139 ng/ul	99
48) 3-Nitroaniline	14.05	138	348845	73.022 ng/ul	99
49) Acenaphthene	14.19	153	1501202	79.513 ng/ul	99
50) 2,4-Dinitrophenol	14.25	184	275282	85.316 ng/ul	87
52) 4-Nitrophenol	14.37	109	460481	85.528 ng/ul	98
53) Dibenzofuran	14.53	168	2270328	81.265 ng/ul	95
54) 2,4-Dinitrotoluene	14.51	165	598569	84.681 ng/ul#	92
55) 2,3,4,6-Tetrachlorophenol	14.76	232	589617	93.090 ng/ul#	88
56) Diethylphthalate	14.99	149	2064719	82.949 ng/ul	96
58) Fluorene	15.19	166	1956153	81.971 ng/ul	99
59) 4-Chlorophenyl-phenylether	15.19	204	1045755	83.932 ng/ul	94
60) 4-Nitroaniline	15.23	138	419506m	75.232 ng/ul	88
63) 4,6-Dinitro-2-methylphenol	15.27	198	412743	78.478 ng/ul	100
64) N-Nitrosodiphenylamine	15.40	169	1676702	78.619 ng/ul	98
65) 4-Bromophenyl-phenylether	16.08	248	675414	83.071 ng/ul	93
66) Hexachlorobenzene	16.19	284	718196	80.679 ng/ul#	86
67) Atrazine	16.37	200	689445	77.502 ng/ul	94
68) Pentachlorophenol	16.53	266	510313	91.692 ng/ul	97
69) Phenanthrene	16.92	178	3150747	78.898 ng/ul	99
71) Anthracene	17.02	178	3266591	77.931 ng/ul	99
72) Carbazole	17.29	167	2782038	71.146 ng/ul	99
73) Di-n-butylphthalate	17.87	149	3628092	80.294 ng/ul	99
74) Fluoranthene	18.95	202	4049798	77.328 ng/ul#	93
77) Pyrene	19.32	202	4103887	86.595 ng/ul#	93
78) Butylbenzylphthalate	20.25	149	1641611	84.969 ng/ul	98
79) 3,3'-Dichlorobenzidine	21.02	252	1419919	90.508 ng/ul#	96
80) Benzo(a)anthracene	21.08	228	4080848	81.946 ng/ul	100
81) Bis(2-ethylhexyl)phthalate	21.04	149	2457289	83.595 ng/ul	99
82) Chrysene	21.13	228	3678258	82.111 ng/ul	100
84) Di-n-octyl phthalate	21.90	149	4094261	78.033 ng/ul#	94
85) Benzo(b)fluoranthene	22.61	252	3931841	78.463 ng/ul#	98
86) Benzo(k)fluoranthene	22.65	252	3796811	82.015 ng/ul#	98
88) Benzo(a)pyrene	23.16	252	3631764	77.108 ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	25.38	276	3703617	68.994 ng/ul#	94
90) Dibenzo(a,h)anthracene	25.39	278	3102618	67.600 ng/ul#	96
91) Benzo(g,h,i)perylene	26.03	276	2886815	67.534 ng/ul#	96

SS 09/26/17

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