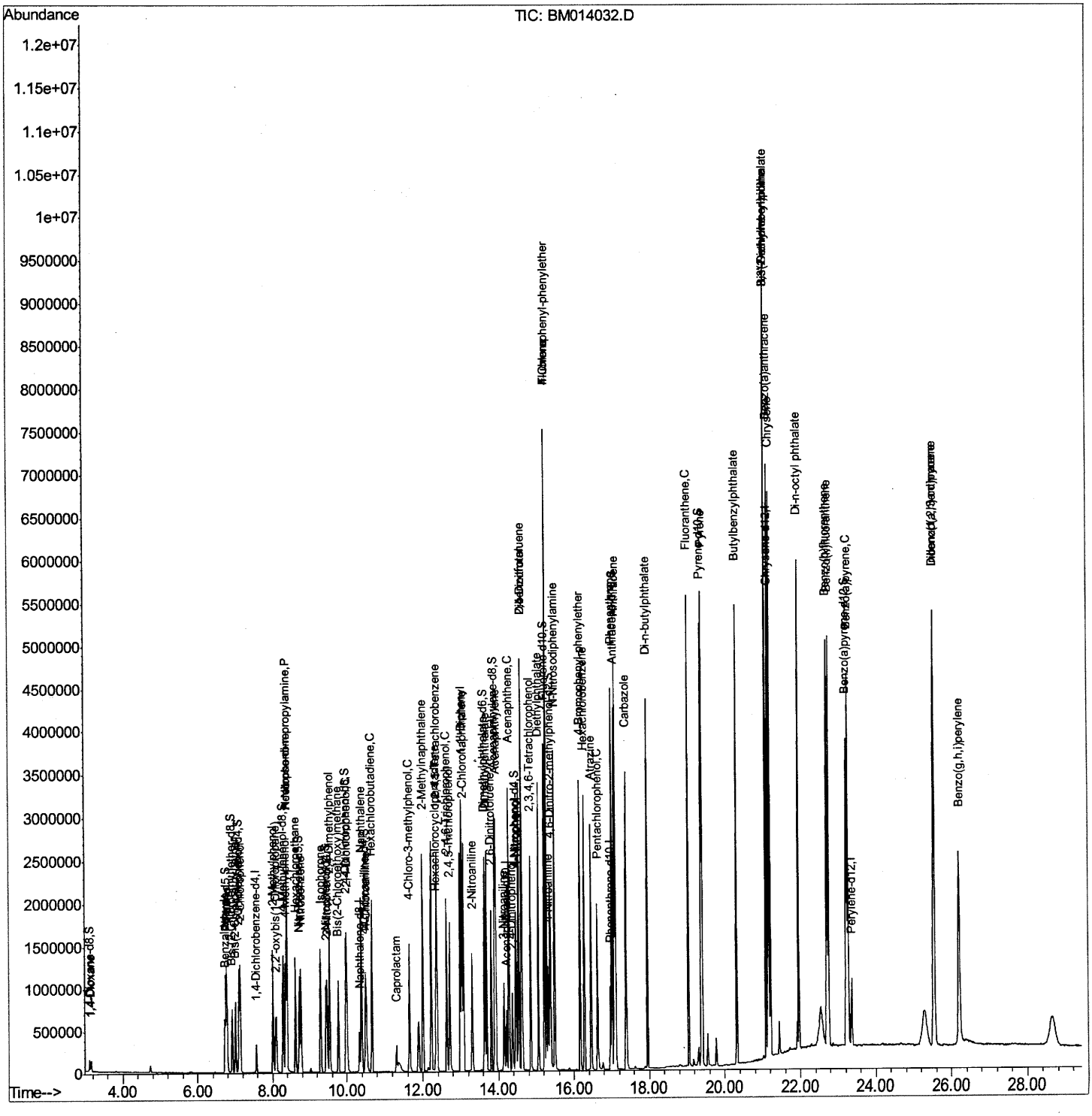
Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_M\DATA\BM013118\
Data File : BM014032.D
Acq On : 31 Jan 2018 13:53
Operator : SJ/JU
Sample : SSTD08017
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jan 31 14:35:33 2018
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM013118.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jan 31 13:46:12 2018
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTD08017

Manual Integrations APPROVED
Sohil
2/1/2018 6:04:17 PM



Quantitation Report (Qedit)

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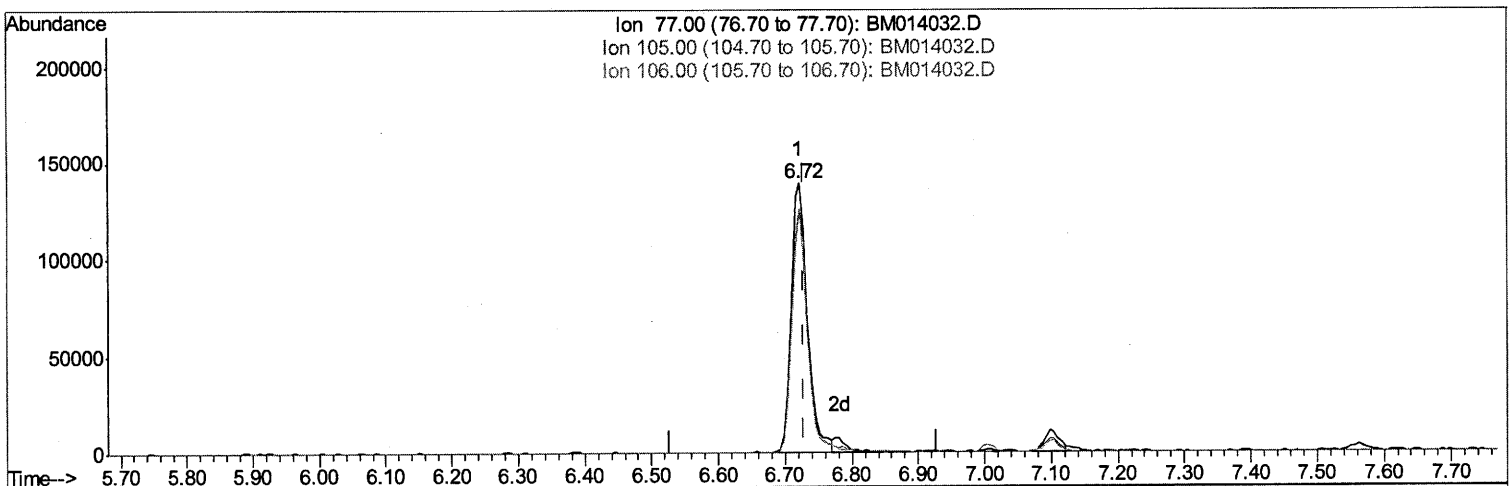

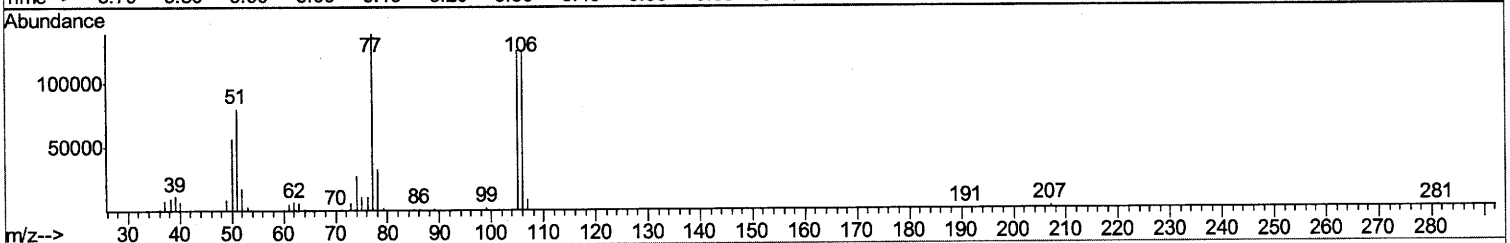

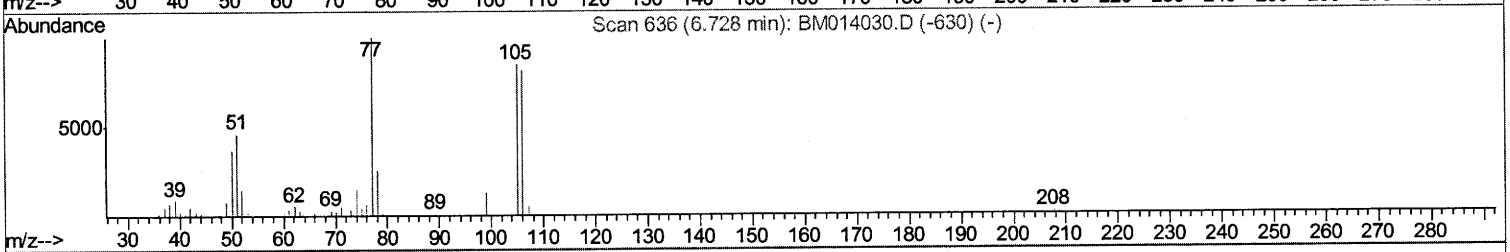

TIC: BM014032.D

(4) Benzaldehyde

6.722min (-0.006) 55.29ng/ul

response 232667

Ion	Exp%	Act%
77.00	100	100
105.00	82.60	90.24
106.00	84.70	90.37
0.00	0.00	0.00

Quantitation Report (Qedit)

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BNA_M
ClientSampleId :
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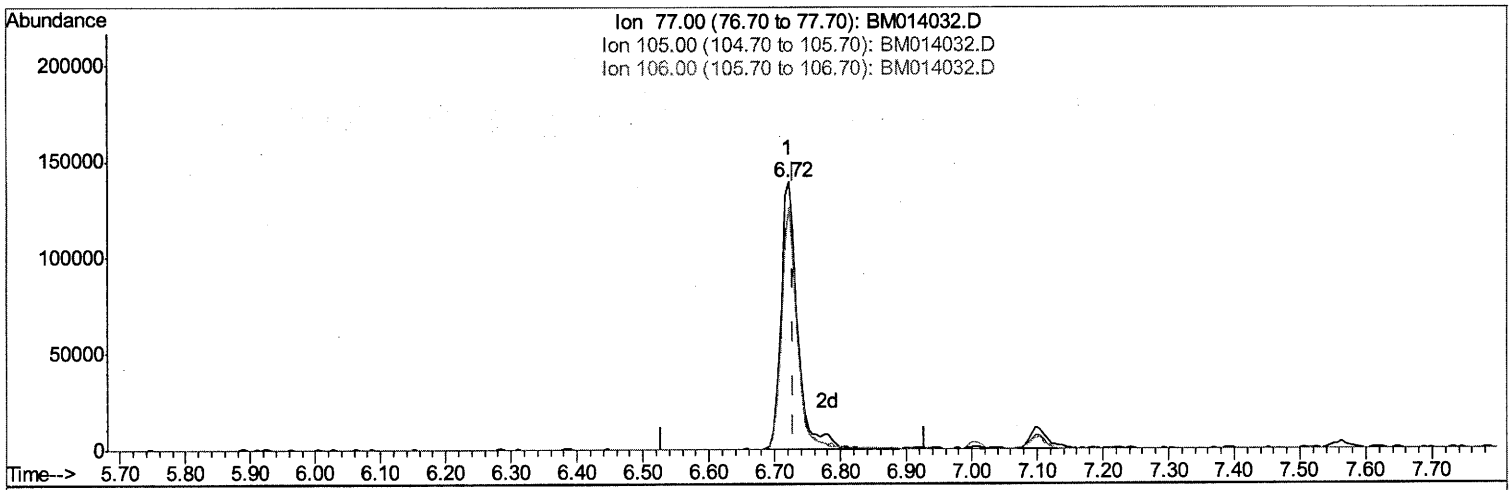
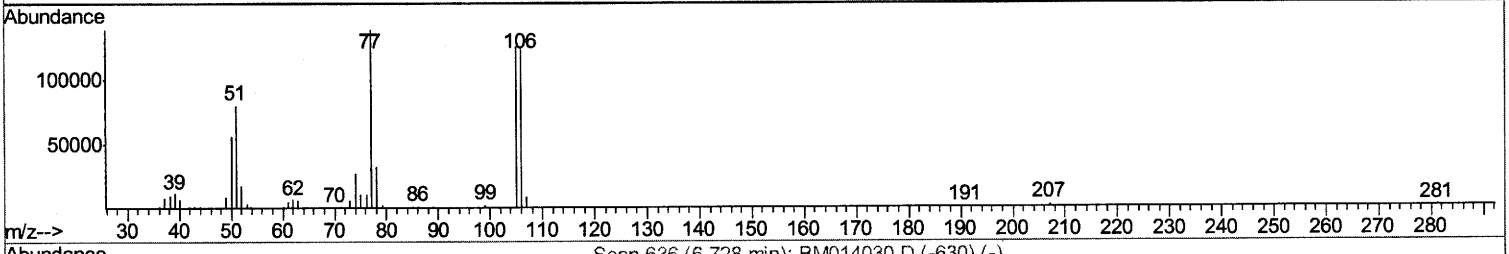
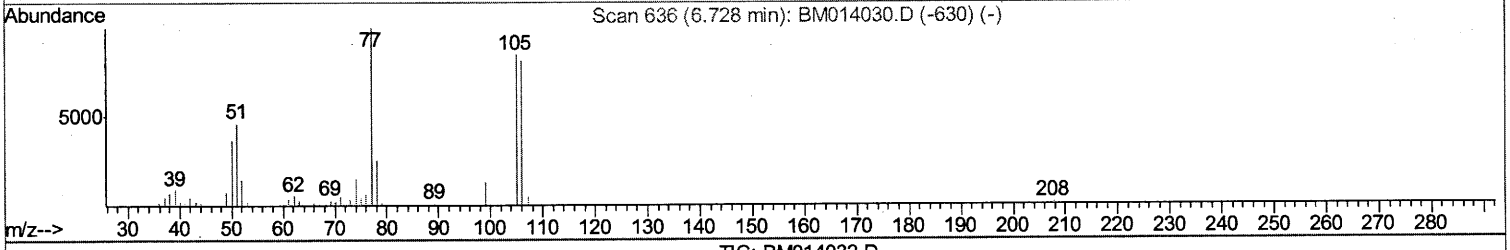
Manual Integrations APPROVED
Sohil
2/1/2018 6:04:17 PM







TIC: BM014032.D

(4) Benzaldehyde

6.722min (-0.006) 57.36ng/ul m SJ 2/8/18

response 241368

Ion	Exp%	Act%
77.00	100	100
105.00	82.60	90.24
106.00	84.70	90.37
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_M\DATA\BM013118\
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Quant Title : SVOA CALIBRATION
QLast Update : Wed Jan 31 13:46:12 2018
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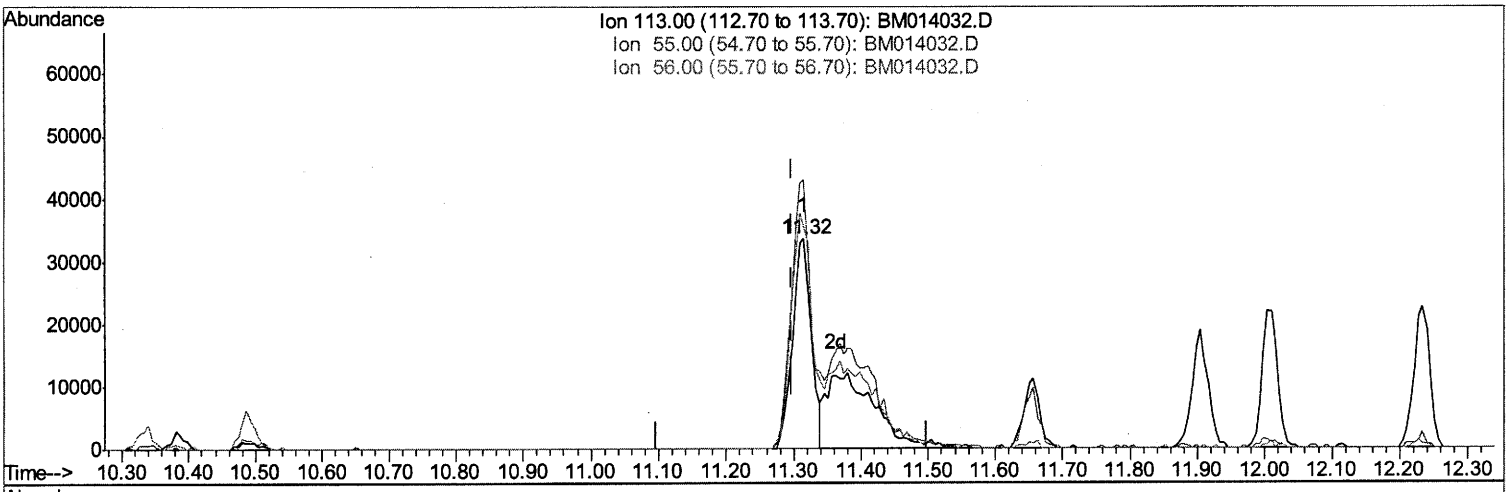
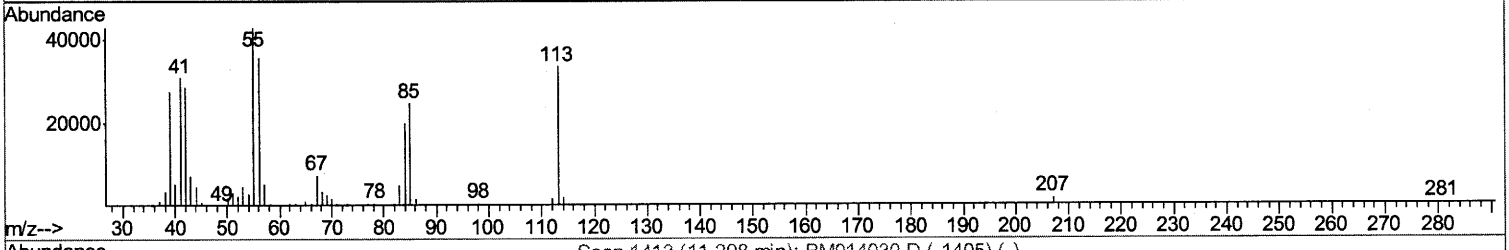
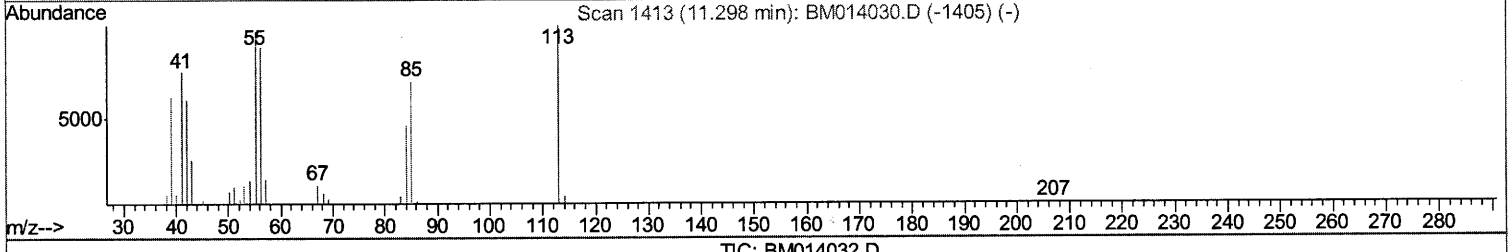
Instrument :
BNA_M
ClientSampleId :
SSTD08017

Manual Integrations APPROVED
Sohil
2/1/2018 6:04:17 PM







TIC: BM014032.D

(32) Caprolactam

11.316min (+0.018) 44.88ng/ul

response 65038

Ion	Exp%	Act%
113.00	100	100
55.00	260.00	128.21#
56.00	200.00	106.05#
0.00	0.00	0.00

Quantitation Report (Qedit)

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Misc :
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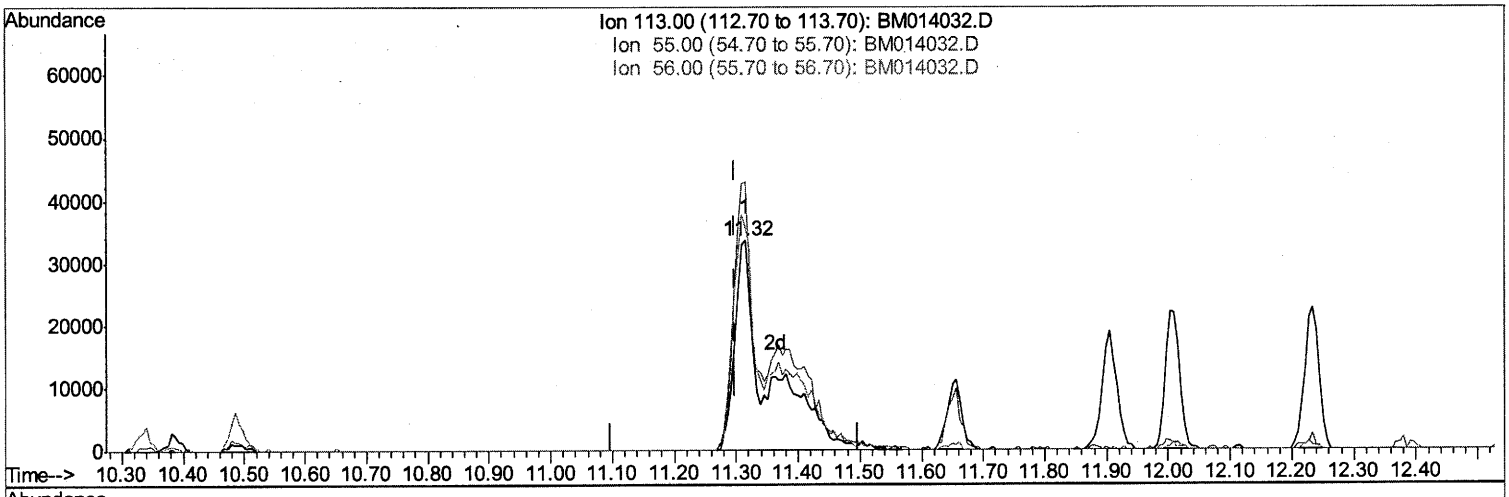
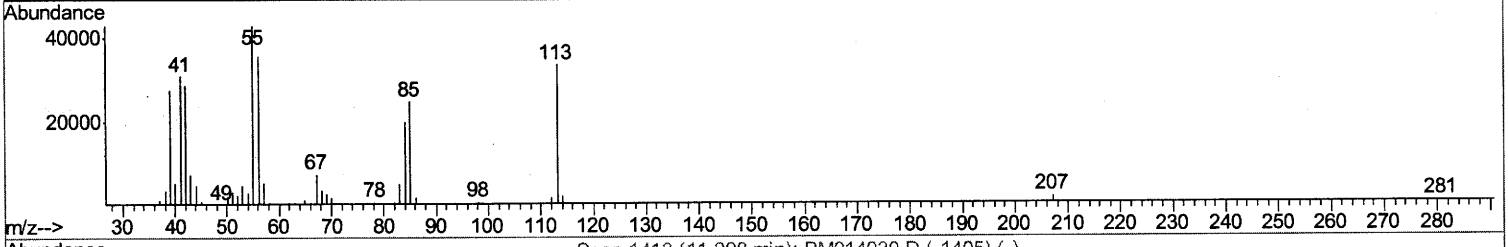
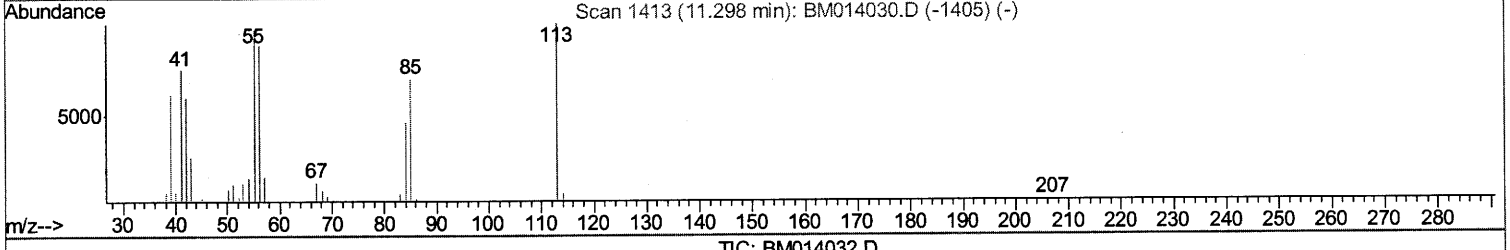
Instrument :
BNA_M
ClientSampleId :
SSTD08017

Manual Integrations APPROVED
Sohil
2/1/2018 6:04:17 PM







TIC: BM014032.D

(32) Caprolactam

11.316min (+0.018) 85.89ng/ul m SJ 2/8/18

response 124469

Ion	Exp%	Act%
113.00	100	100
55.00	260.00	128.21#
56.00	200.00	106.05#
0.00	0.00	0.00

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ClientSampleId : SSTD08017

Manual Integrations APPROVED
Sohil
2/1/2018 6:04:17 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	79202	20.00	ng/ul	0.00
18) Naphthalene-d8	10.33	136	341271	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.22	164	233333	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.97	188	566518	20.00	ng/ul	0.00
75) Chrysene-d12	21.18	240	671227	20.00	ng/ul	0.00
83) Perylene-d12	23.36	264	610913	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.12	96	51935	25.92	ng/uL	0.00
5) Phenol-d5	6.75	99	528362	86.90	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.91	67	301413	81.82	ng/ul	0.00
9) 2-Chlorophenol-d4	7.10	132	426605	86.11	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	433640	92.77	ng/ul	0.00
19) Nitrobenzene-d5	8.72	128	212377	80.20	ng/ul	0.00
22) 2-Nitrophenol-d4	9.44	143	242324	86.60	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.97	165	507213	93.83	ng/ul	0.00
29) 4-Chloroaniline-d4	10.49	131	457370	97.52	ng/ul	0.00
43) Dimethylphthalate-d6	13.65	166	1558493	81.04	ng/ul	0.00
46) Acenaphthylene-d8	13.91	160	1984081	80.90	ng/ul	0.00
51) 4-Nitrophenol-d4	14.46	143	248259	79.44	ng/ul	0.00
57) Fluorene-d10	15.22	176	1413720	83.59	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.37	200	305093	89.47	ng/ul	0.00
70) Anthracene-d10	17.07	188	2305759	83.56	ng/ul	0.00
76) Pyrene-d10	19.38	212	2622295	83.91	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.23	264	2567435	91.44	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.16	88	58212	26.518	ng/uL#	64
4) Benzaldehyde	6.72	77	241368m>	57.362	ng/ul	
6) Phenol	6.78	94	528252	86.620	ng/ul	95
8) Bis(2-Chloroethyl)ether	7.00	93	392476	82.243	ng/ul	98
10) 2-Chlorophenol	7.13	128	432157	87.519	ng/ul	98
11) 2-Methylphenol	8.02	108	393912	87.624	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.09	45	390426	80.406	ng/ul#	74
14) Acetophenone	8.39	105	717942	92.818	ng/ul	91
15) N-Nitroso-di-n-propylamine	8.38	70	372131	98.614	ng/ul#	75
16) 4-Methylphenol	8.35	108	422006	87.794	ng/ul	98
17) Hexachloroethane	8.62	117	209717	87.253	ng/ul	86
20) Nitrobenzene	8.76	77	566909	82.872	ng/ul	99
21) Isophorone	9.29	82	970891	87.841	ng/ul	97
23) 2-Nitrophenol	9.47	139	253661	86.986	ng/ul	92
24) 2,4-Dimethylphenol	9.53	107	544371	88.544	ng/ul	92
25) Bis(2-Chloroethoxy)methane	9.77	93	546647	81.127	ng/ul	96
27) 2,4-Dichlorophenol	10.00	162	481397	92.409	ng/ul	90
28) Naphthalene	10.39	128	1445279	85.126	ng/ul	100
30) 4-Chloroaniline	10.51	127	445508	95.800	ng/ul	93
31) Hexachlorobutadiene	10.66	225	397820	93.032	ng/ul	90
32) Caprolactam	11.32	113	124469m>	85.887	ng/ul	
33) 4-Chloro-3-methylphenol	11.66	107	475812	90.100	ng/ul	96
34) 2-Methylnaphthalene	12.01	142	1099591	86.867	ng/ul	94

SJ 2/8/18

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Manual Integrations APPROVED
Sohil
2/1/2018 6:04:17 PM

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.39	216	715727	82.783 ng/ul	96
37) Hexachlorocyclopentadiene	12.35	237	423329	117.939 ng/ul	99
38) 2,4,6-Trichlorophenol	12.64	196	440501	88.020 ng/ul	95
39) 2,4,5-Trichlorophenol	12.72	196	445082	85.470 ng/ul	97
40) 1,1'-Biphenyl	13.05	154	1527059	78.623 ng/ul	99
41) 2-Chloronaphthalene	13.08	162	1234108	81.283 ng/ul	97
42) 2-Nitroaniline	13.31	65	362365	86.521 ng/ul	99
44) Dimethylphthalate	13.69	163	1524870	80.647 ng/ul	99
45) 2,6-Dinitrotoluene	13.82	165	321845	87.837 ng/ul	92
47) Acenaphthylene	13.94	152	1830085	81.562 ng/ul	99
48) 3-Nitroaniline	14.15	138	236006	81.900 ng/ul	94
49) Acenaphthene	14.29	153	1262717	81.257 ng/ul	99
50) 2,4-Dinitrophenol	14.37	184	184433	87.807 ng/ul#	89
52) 4-Nitrophenol	14.47	109	284548	89.627 ng/ul#	75
53) Dibenzofuran	14.62	168	1910667	81.730 ng/ul	98
54) 2,4-Dinitrotoluene	14.62	165	485365	90.871 ng/ul#	82
55) 2,3,4,6-Tetrachlorophenol	14.86	232	452240	92.330 ng/ul#	85
56) Diethylphthalate	15.06	149	1614893	84.867 ng/ul	95
58) Fluorene	15.27	166	1599547	83.528 ng/ul	97
59) 4-Chlorophenyl-phenylether	15.27	204	901630	87.135 ng/ul	97
60) 4-Nitroaniline	15.33	138	268006	79.487 ng/ul#	79
63) 4,6-Dinitro-2-methylphenol	15.38	198	315116	87.548 ng/ul	98
64) N-Nitrosodiphenylamine	15.49	169	1350082	81.028 ng/ul	98
65) 4-Bromophenyl-phenylether	16.17	248	567024	84.743 ng/ul	94
66) Hexachlorobenzene	16.28	284	619563	86.021 ng/ul#	93
67) Atrazine	16.46	200	553302	83.203 ng/ul	94
68) Pentachlorophenol	16.63	266	324473	84.778 ng/ul	95
69) Phenanthrene	17.02	178	2610678	82.904 ng/ul	99
71) Anthracene	17.11	178	2721203	83.779 ng/ul	99
72) Carbazole	17.39	167	2223161	82.919 ng/ul	99
73) Di-n-butylphthalate	17.95	149	2915785	92.468 ng/ul	99
74) Fluoranthene	19.04	202	3291732	87.570 ng/ul#	95
77) Pyrene	19.41	202	3302054	80.921 ng/ul#	94
78) Butylbenzylphthalate	20.32	149	1396553	97.158 ng/ul	98
79) 3,3'-Dichlorobenzidine	21.10	252	1015639	91.465 ng/ul#	93
80) Benzo(a)anthracene	21.17	228	3442726	84.882 ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.10	149	2129540	98.744 ng/ul	98
82) Chrysene	21.22	228	3199489	85.989 ng/ul	100
84) Di-n-octyl phthalate	21.97	149	3404445	92.470 ng/ul	100
85) Benzo(b)fluoranthene	22.72	252	3340504	89.038 ng/ul#	98
86) Benzo(k)fluoranthene	22.76	252	3104216	85.602 ng/ul#	99
88) Benzo(a)pyrene	23.27	252	3121147	88.063 ng/ul#	98
89) Indeno(1,2,3-cd)pyrene	25.56	276	3427832	81.932 ng/ul#	97
90) Dibenzo(a,h)anthracene	25.56	278	2936903	83.128 ng/ul#	99
91) Benzo(g,h,i)perylene	26.21	276	2897414	84.146 ng/ul	98

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