

(QT Reviewed)

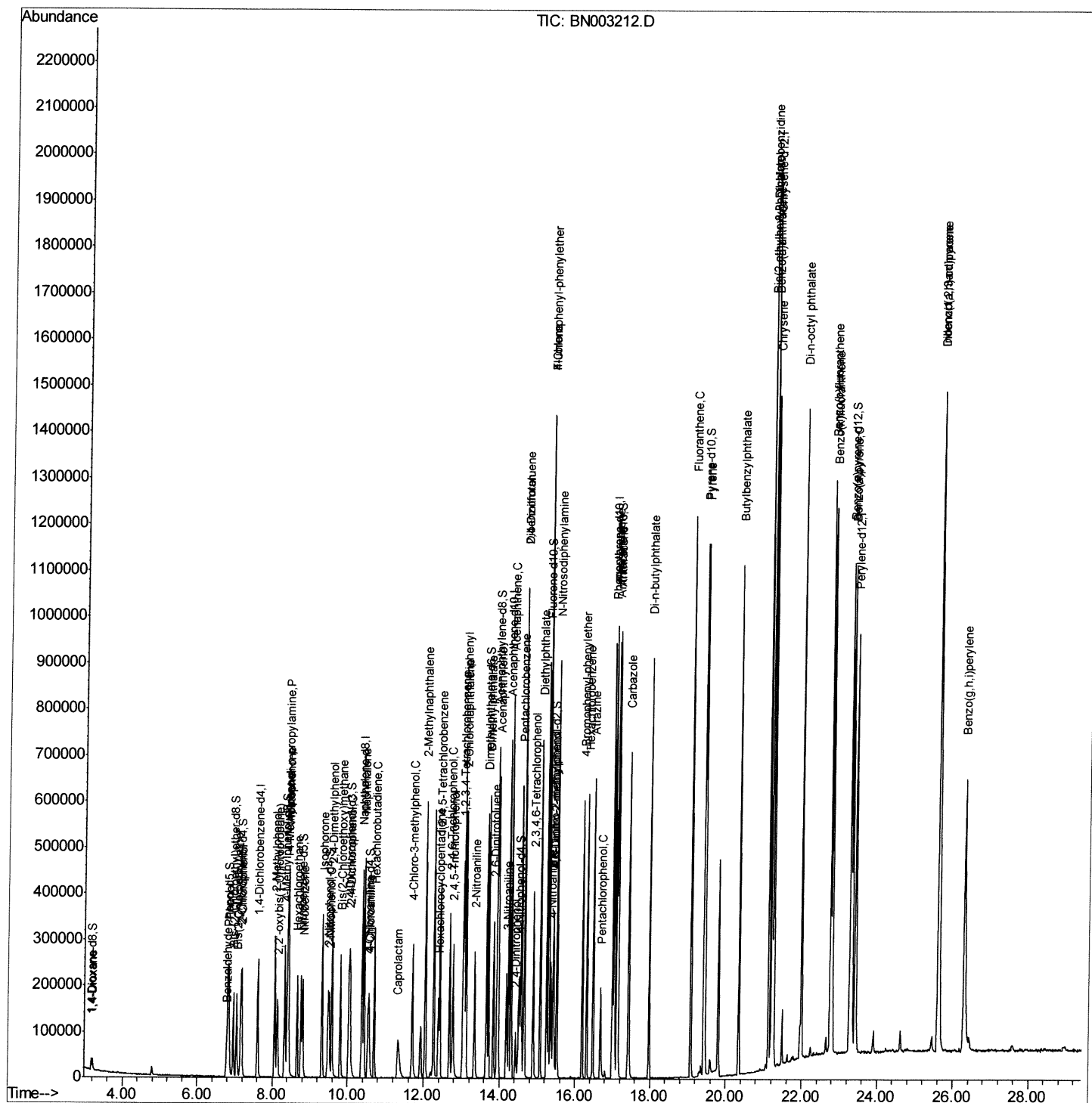
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Data Path   : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101918\  
Data File  : BN003212.D  
Acq On     : 19 Oct 2018   18:27  
Operator   : MJ/SJ  
Sample     : SSTDCCC020  
Misc       :  
ALS Vial   : 4      Sample Multiplier: 1
```

Instrument :
BNA_N
LabSampleId :
SSTD02021

Manual Integrations

Sohil
10/22/2018 4:52:41 PM

Quant Time: Oct 19 19:08:13 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN101918MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 19 17:53:25 2018
Response via : Initial Calibration



Quantitation Report (Qedit)

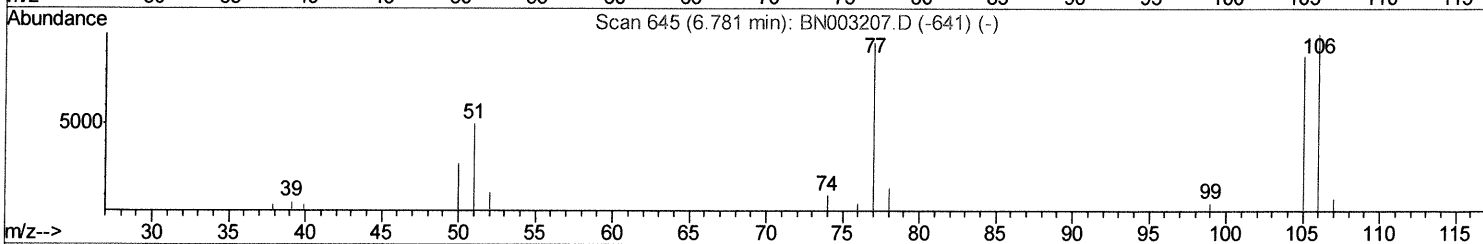
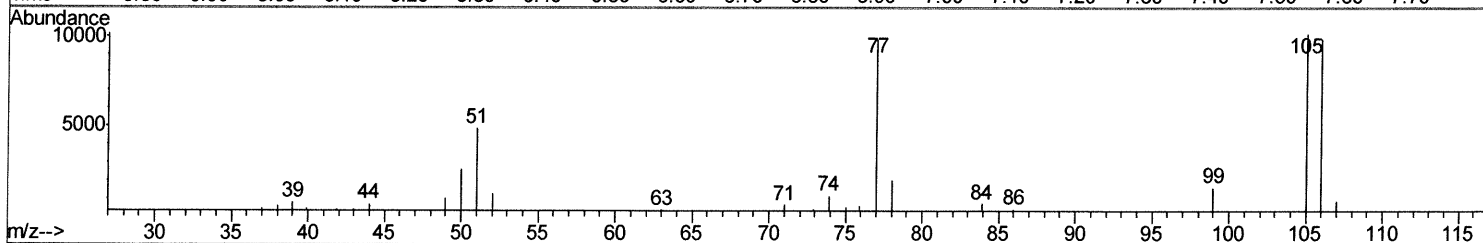
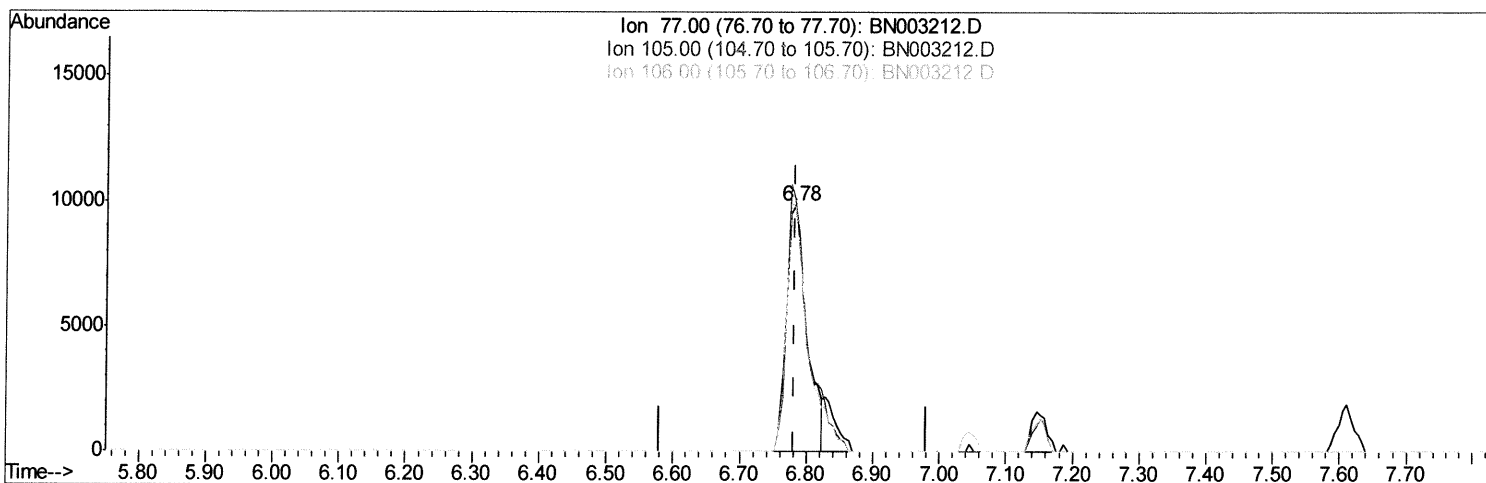
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TIC: BN003212.D

(4) Benzaldehyde

6.781min (+0.000) 16.34ng/ul

response 21034

Ion	Exp%	Act%
77.00	100	100
105.00	92.30	103.18
106.00	105.20	100.52
0.00	0.00	0.00

Quantitation Report (Qedit)

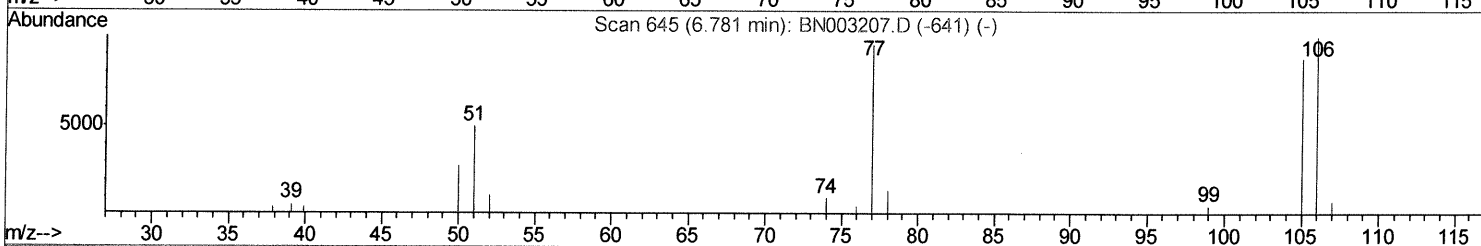
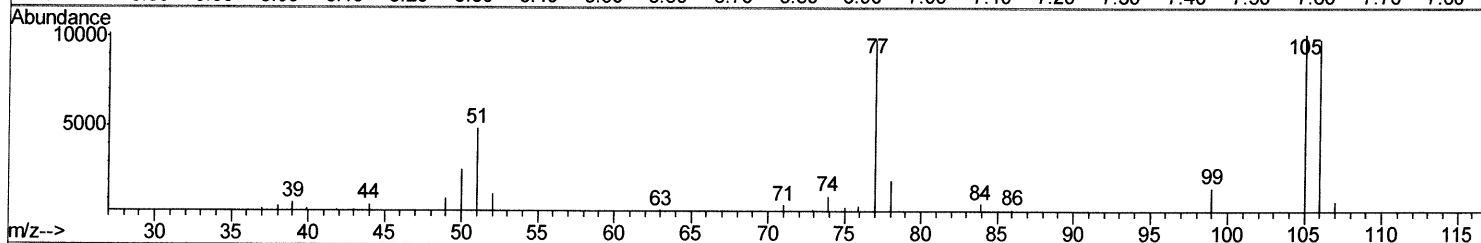
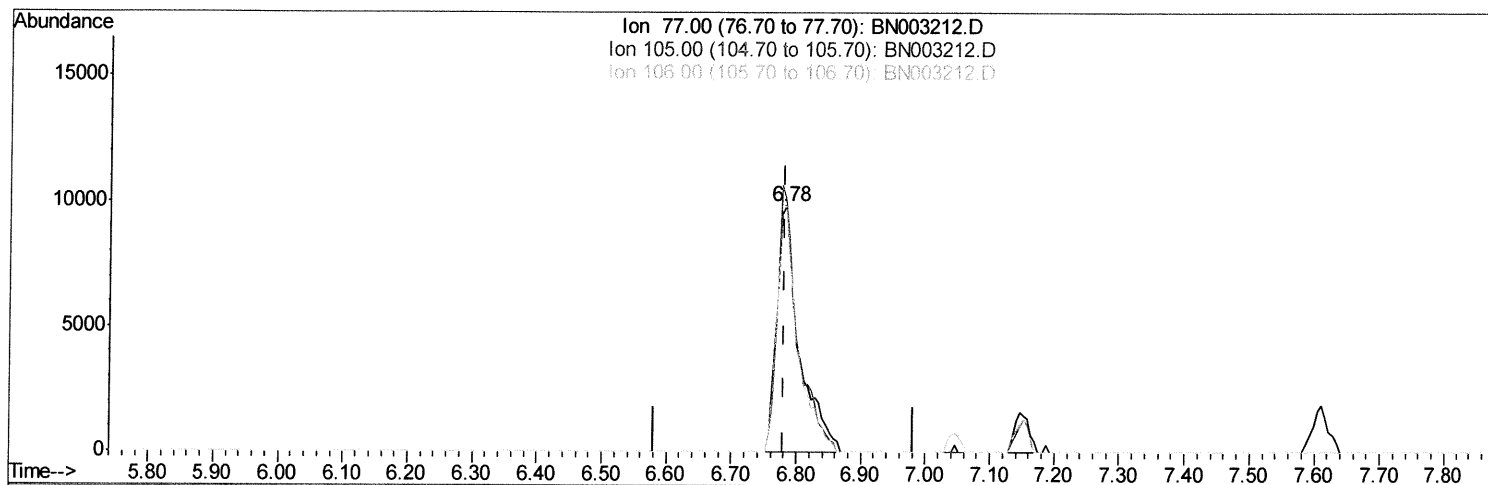
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TIC: BN003212.D

(4) Benzaldehyde

6.781min (+0.000) 18.59ng/ul m

SJ 10/24/18

response 23928

Ion	Exp%	Act%
77.00	100	100
105.00	92.30	103.18
106.00	105.20	100.52
0.00	0.00	0.00

Quantitation Report (Qedit)

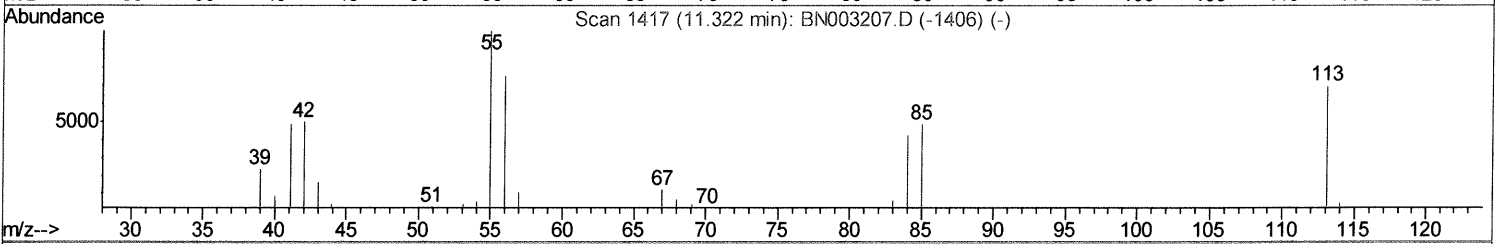
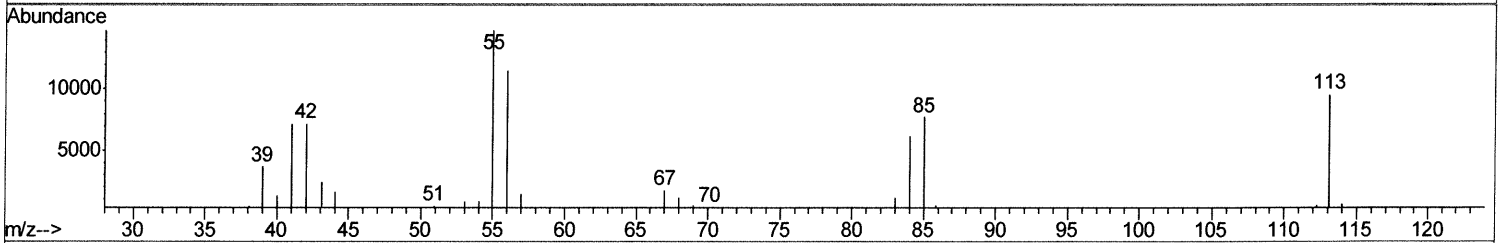
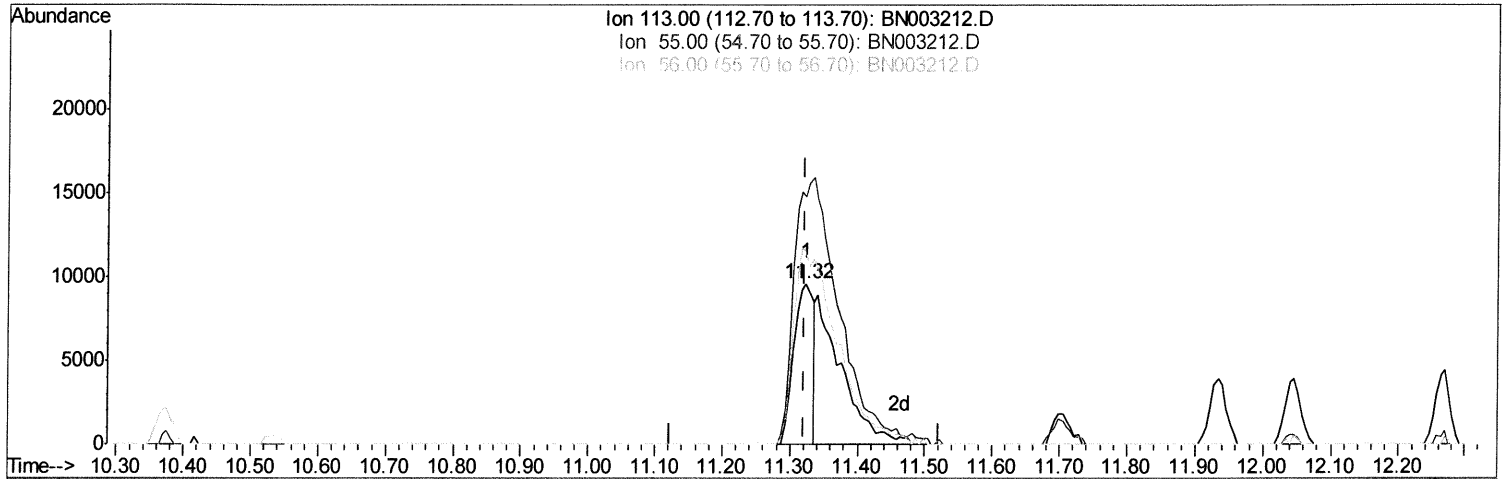
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TIC: BN003212.D

(32) Caprolactam

11.322min (+0.000) 8.62ng/ul

response 19281

Ion	Exp%	Act%
113.00	100	100
55.00	144.30	154.46
56.00	108.20	120.36
0.00	0.00	0.00

Quantitation Report (Qedit)

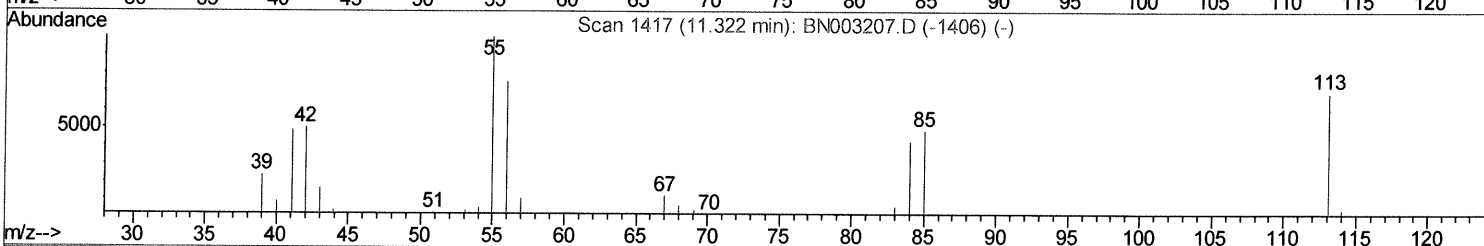
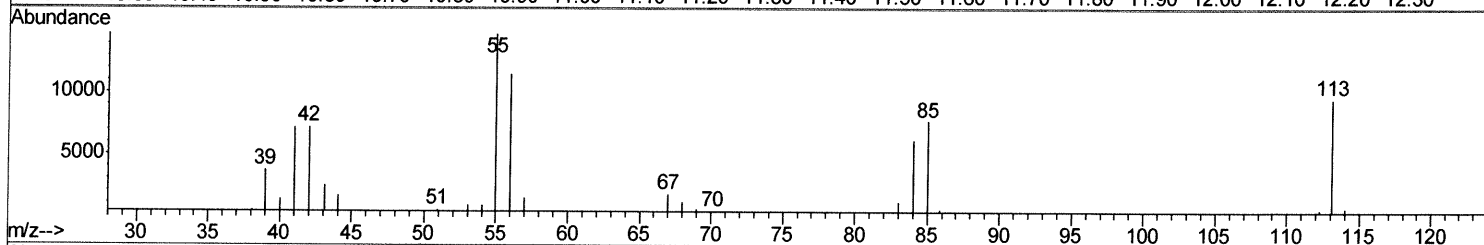
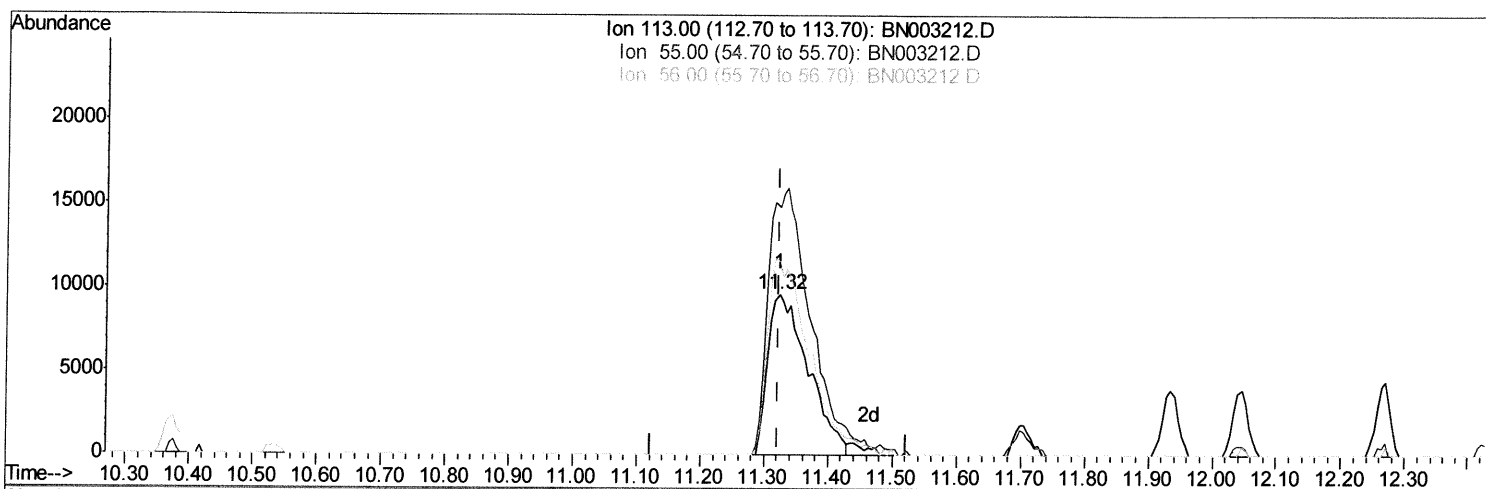
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TIC: BN003212.D

(32) Caprolactam

11.322min (+0.000) 18.72ng/ul m

SJ 10/24/18

response 41876

Ion	Exp%	Act%
113.00	100	100
55.00	144.30	154.46
56.00	108.20	120.36
0.00	0.00	0.00

Quantitation Report (Qedit)

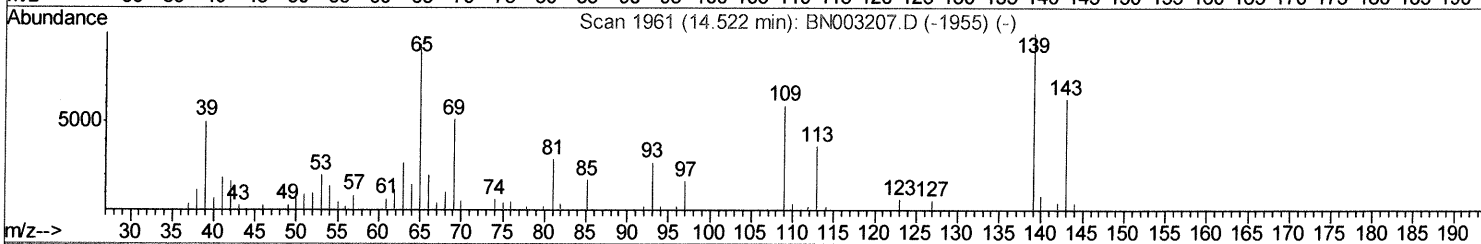
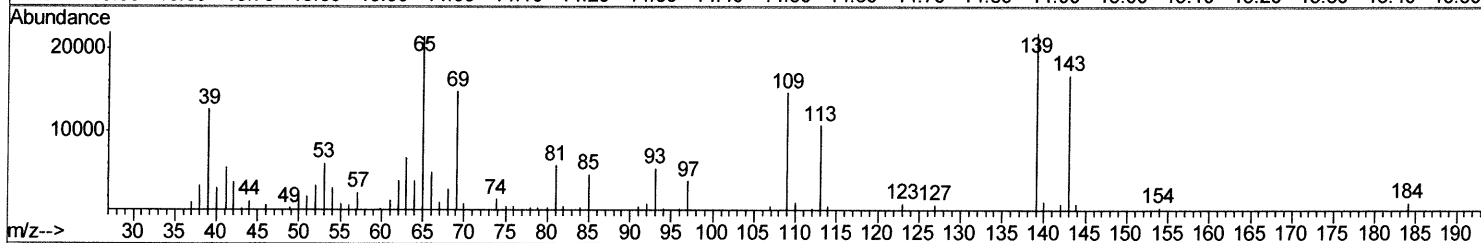
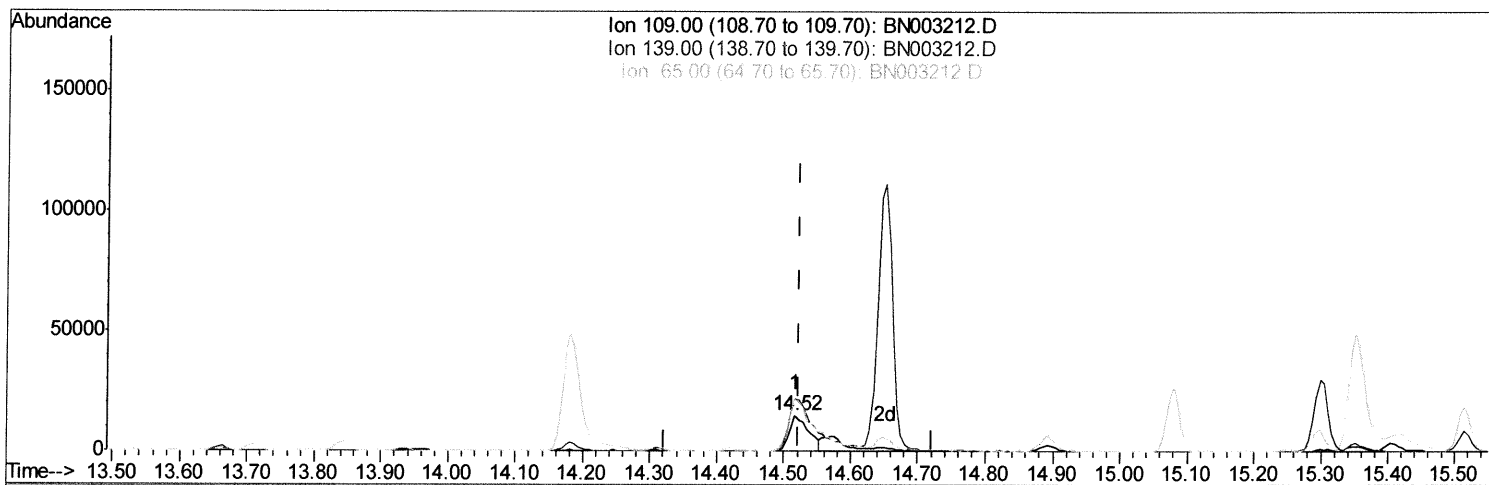
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Manual Integrations
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TIC: BN003212.D

(52) 4-Nitrophenol

14.516min (-0.006) 14.43ng/ul

response 29244

Ion	Exp%	Act%
109.00	100	100
139.00	169.10	149.78
65.00	158.50	146.78
0.00	0.00	0.00

Quantitation Report (Qedit)

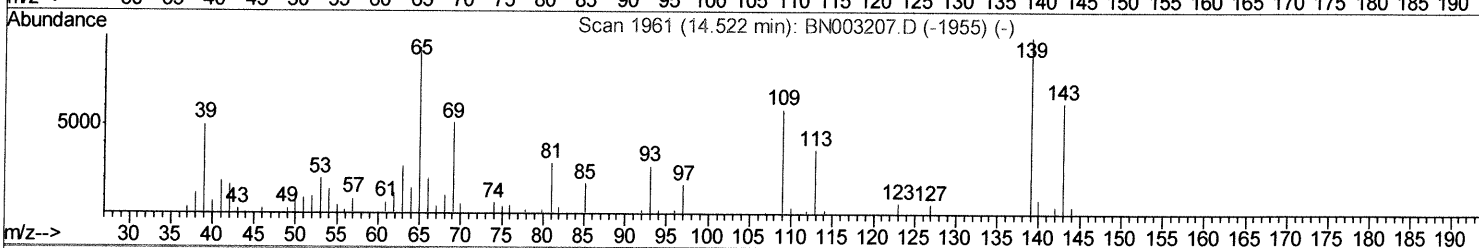
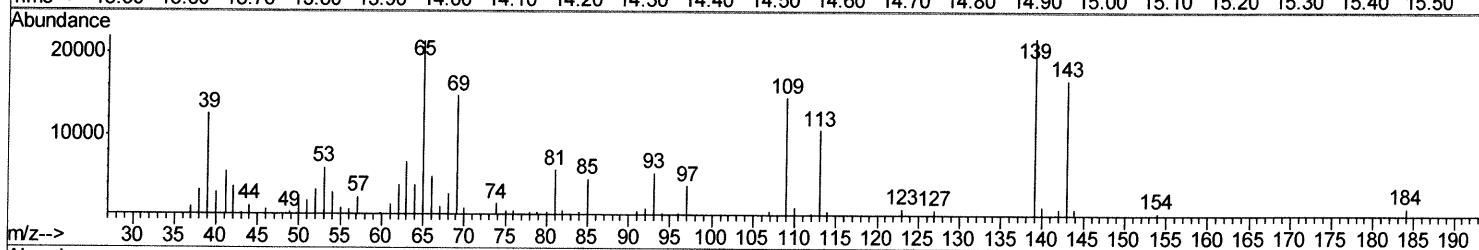
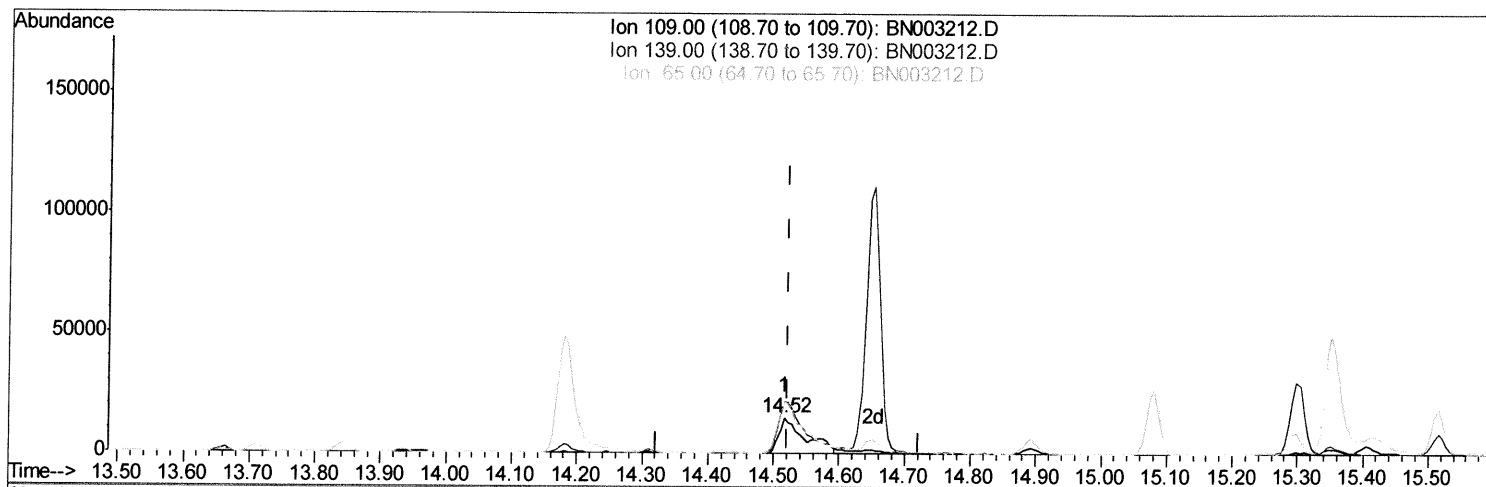
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Manual Integrations
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TIC: BN003212.D

(52) 4-Nitrophenol

14.516min (-0.006) 20.27ng/ul m

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response 41086

Ion	Exp%	Act%
109.00	100	100
139.00	169.10	149.78
65.00	158.50	146.78
0.00	0.00	0.00

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	78476	20.00	ng/ul	0.00
18) Naphthalene-d8	10.37	136	383830	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.25	164	243738	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.00	188	565415	20.00	ng/ul	0.00
77) Chrysene-d12	21.21	240	639193	20.00	ng/ul	0.00
85) Perylene-d12	23.42	264	695221	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.18	96	12959	8.52	ng/uL	0.00
5) Phenol-d5	6.80	99	143741	19.34	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.95	67	88677	20.39	ng/ul	0.00
9) 2-Chlorophenol-d4	7.15	132	115908	19.99	ng/ul	0.00
13) 4-Methylphenol-d8	8.33	113	119256	19.71	ng/ul	0.00
19) Nitrobenzene-d5	8.76	128	59976	20.14	ng/ul	0.00
22) 2-Nitrophenol-d4	9.48	143	71303	20.64	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.02	165	126207	20.15	ng/ul	0.00
29) 4-Chloroaniline-d4	10.53	131	96452	19.09	ng/ul	0.00
43) Dimethylphthalate-d6	13.66	166	409717	19.73	ng/ul	0.00
46) Acenaphthylene-d8	13.93	160	508921	19.84	ng/ul	0.00
51) 4-Nitrophenol-d4	14.50	143	51286	17.92	ng/ul	0.00
57) Fluorene-d10	15.25	176	352885	19.40	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.40	200	74183	19.53	ng/ul	0.00
70) Anthracene-d10	17.10	188	554097	19.79	ng/ul	0.00
78) Pyrene-d10	19.40	212	624804	20.17	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.28	264	746901	19.87	ng/ul	0.00

Target Compounds

				Qvalue	
2) 1,4-Dioxane	3.22	88	14750	8.385 ng/uL#	95
4) Benzaldehyde	6.78	77	23928m	18.590 ng/ul	
6) Phenol	6.83	94	144008	19.257 ng/ul	100
8) Bis(2-Chloroethyl)ether	7.05	93	111872	20.024 ng/ul	98
10) 2-Chlorophenol	7.18	128	116349	20.045 ng/ul	97
11) 2-Methylphenol	8.06	108	114544	19.664 ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.13	45	165152	20.121 ng/ul	99
14) Acetophenone	8.43	105	181471	19.661 ng/ul	99
15) N-Nitroso-di-n-propylamine	8.40	70	94333	20.202 ng/ul	98
16) 4-Methylphenol	8.39	108	124810	19.771 ng/ul	96
17) Hexachloroethane	8.66	117	43340	19.711 ng/ul	99
20) Nitrobenzene	8.80	77	131165	19.576 ng/ul	100
21) Isophorone	9.32	82	269064	19.910 ng/ul	99
23) 2-Nitrophenol	9.51	139	72882	20.510 ng/ul	90
24) 2,4-Dimethylphenol	9.58	107	136713	19.756 ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.80	93	165263	19.854 ng/ul	96
27) 2,4-Dichlorophenol	10.05	162	119120	19.922 ng/ul	99
28) Naphthalene	10.42	128	398635	19.644 ng/ul	98
30) 4-Chloroaniline	10.56	127	97209	18.921 ng/ul	96
31) Hexachlorobutadiene	10.70	225	72192	19.926 ng/ul	95
32) Caprolactam	11.32	113	41876m	18.723 ng/ul	
33) 4-Chloro-3-methylphenol	11.70	107	133699	20.175 ng/ul	99
34) 2-Methylnaphthalene	12.05	142	298806	19.687 ng/ul	99

5/10/24/18

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.43	216	152711	19.929	ng/ul	97
37) Hexachlorocyclopentadiene	12.39	237	48921	16.406	ng/ul	99
38) 2,4,6-Trichlorophenol	12.68	196	96914	19.412	ng/ul	95
39) 2,4,5-Trichlorophenol	12.77	196	96861	18.403	ng/ul	99
40) 1,1'-Biphenyl	13.07	154	388398	19.611	ng/ul	99
41) 2-Chloronaphthalene	13.11	162	305728	19.797	ng/ul	99
42) 2-Nitroaniline	13.34	65	86878	19.951	ng/ul	93
44) Dimethylphthalate	13.71	163	396739	19.543	ng/ul	98
45) 2,6-Dinitrotoluene	13.85	165	83517	20.524	ng/ul	99
47) Acenaphthylene	13.96	152	471296	19.752	ng/ul	100
48) 3-Nitroaniline	14.18	138	72130	19.336	ng/ul	88
49) Acenaphthene	14.31	153	331453	19.447	ng/ul	99
50) 2,4-Dinitrophenol	14.42	184	36560	16.834	ng/ul	96
52) 4-Nitrophenol	14.52	109	41086m	20.267	ng/ul	
53) Dibenzofuran	14.65	168	470343	19.528	ng/ul	100
54) 2,4-Dinitrotoluene	14.65	165	121397	19.640	ng/ul	95
55) 2,3,4,6-Tetrachlorophenol	14.89	232	90896	19.915	ng/ul	96
56) Diethylphthalate	15.08	149	397959	19.506	ng/ul	99
58) Fluorene	15.30	166	385390	19.323	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.30	204	194917	19.469	ng/ul	99
60) 4-Nitroaniline	15.35	138	83927	19.244	ng/ul	99
63) 4,6-Dinitro-2-methylphenol	15.42	198	74836	19.536	ng/ul	98
64) N-Nitrosodiphenylamine	15.52	169	342143	19.972	ng/ul	99
65) 4-Bromophenyl-phenylether	16.19	248	124139	20.100	ng/ul	97
66) Hexachlorobenzene	16.32	284	142577	20.217	ng/ul	98
67) Atrazine	16.47	200	122008	20.051	ng/ul	97
68) Pentachlorophenol	16.67	266	48788	17.145	ng/ul	96
69) Phenanthrene	17.05	178	631709	19.786	ng/ul	98
71) Anthracene	17.14	178	648069	19.915	ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.04	216	152137	20.217	ng/uL	99
73) Pentachlorobenzene	14.57	250	155440	19.708	ng/uL	97
74) Carbazole	17.42	167	579168	19.911	ng/ul	99
75) Di-n-butylphthalate	17.97	149	698475	19.902	ng/ul	100
76) Fluoranthene	19.07	202	759289	20.336	ng/ul	99
79) Pyrene	19.44	202	770618	20.016	ng/ul	99
80) Butylbenzylphthalate	20.34	149	337648	20.285	ng/ul	98
81) 3,3'-Dichlorobenzidine	21.13	252	266272	19.994	ng/ul	97
82) Benzo(a)anthracene	21.19	228	800303	20.025	ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.12	149	501083	20.150	ng/ul	100
84) Chrysene	21.25	228	755773	20.135	ng/ul	99
86) Di-n-octyl phthalate	21.99	149	882041	19.721	ng/ul	99
87) Benzo(b)fluoranthene	22.76	252	819200	19.469	ng/ul	99
88) Benzo(k)fluoranthene	22.80	252	810168	20.388	ng/ul	99
90) Benzo(a)pyrene	23.33	252	791382	19.653	ng/ul	98
91) Indeno(1,2,3-cd)pyrene	25.62	276	958603	19.733	ng/ul	100
92) Dibenzo(a,h)anthracene	25.62	278	811575	19.896	ng/ul	99
93) Benzo(g,h,i)perylene	26.30	276	800417	19.722	ng/ul	99

31/10/24/18

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