Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081721\
Data File : BN015960.D
Acq On : 19 Aug 2021 06:18
Operator : CG/JU
Sample : PB138538BS
Misc :
ALS Vial : 66 Sample Multiplier: 1

Quant Time: Aug 19 06:57:09 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN081621MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 17 09:43:53 2021
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
SLCS538

Manual Integrations APPROVED
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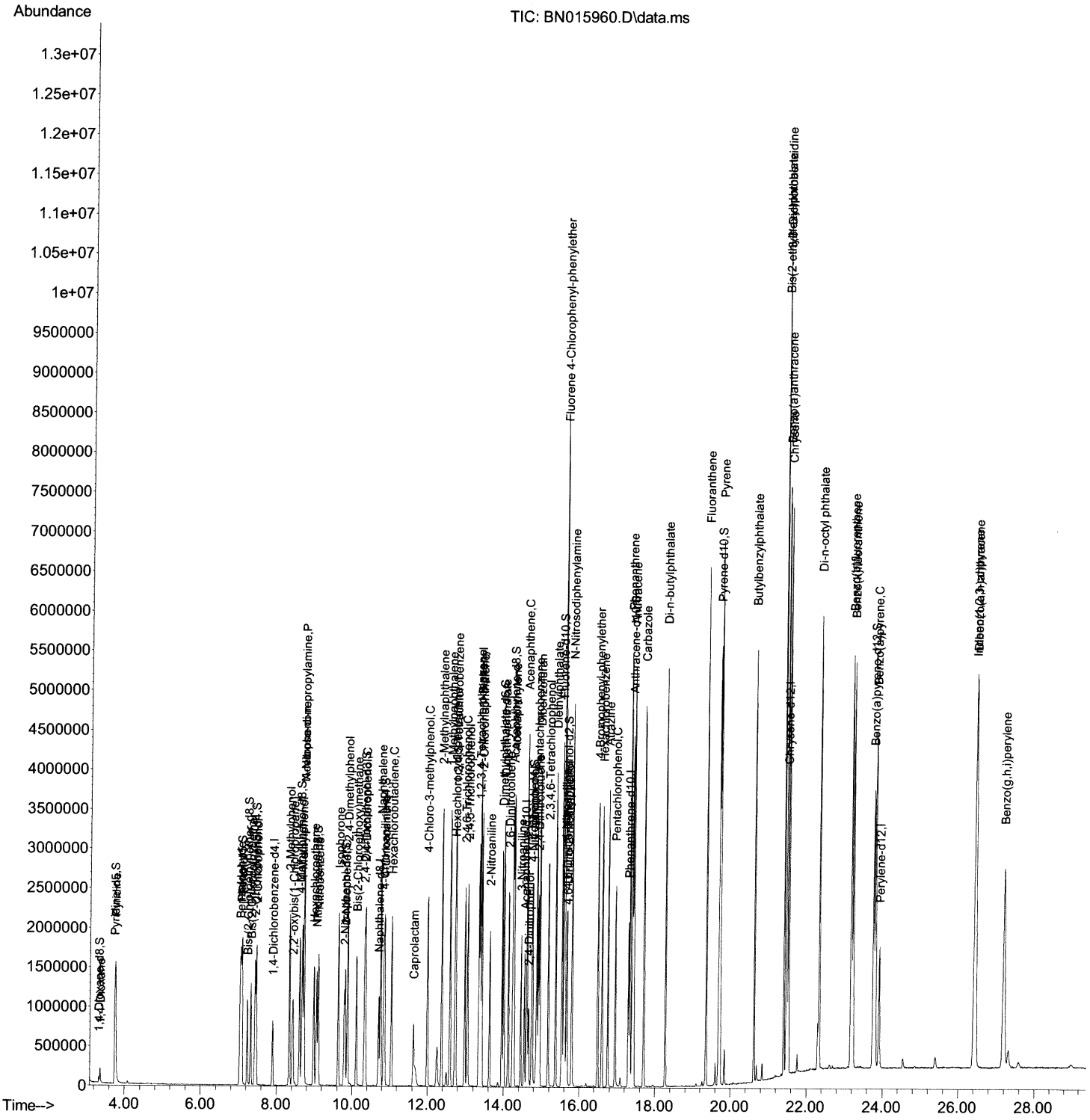

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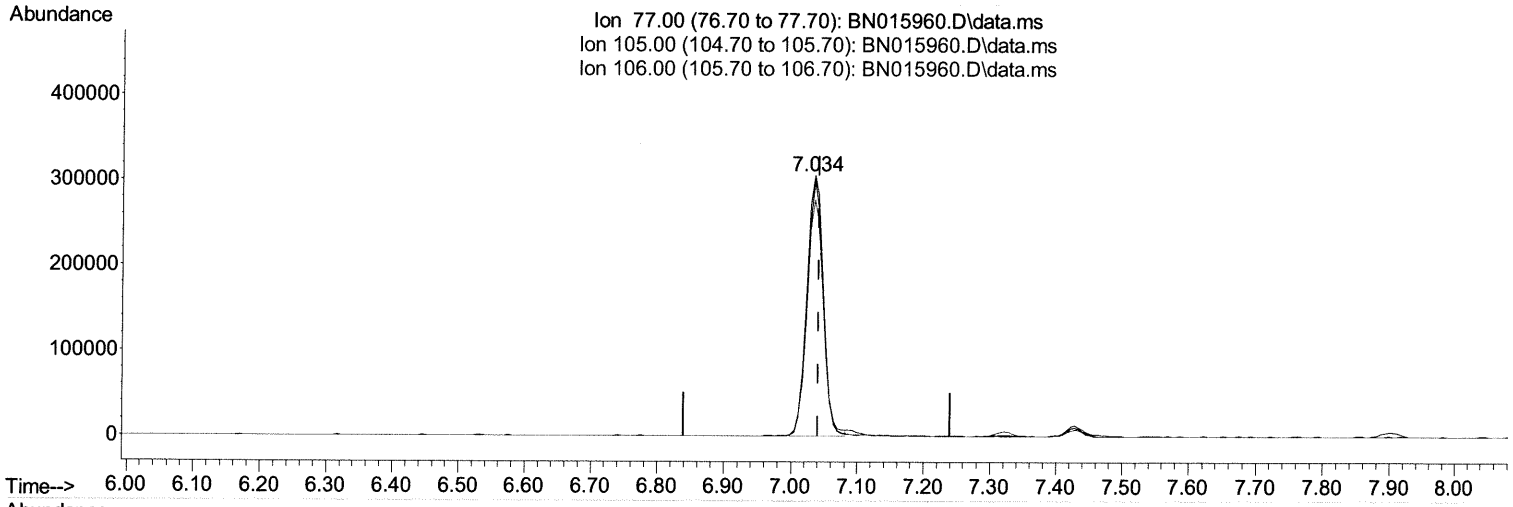

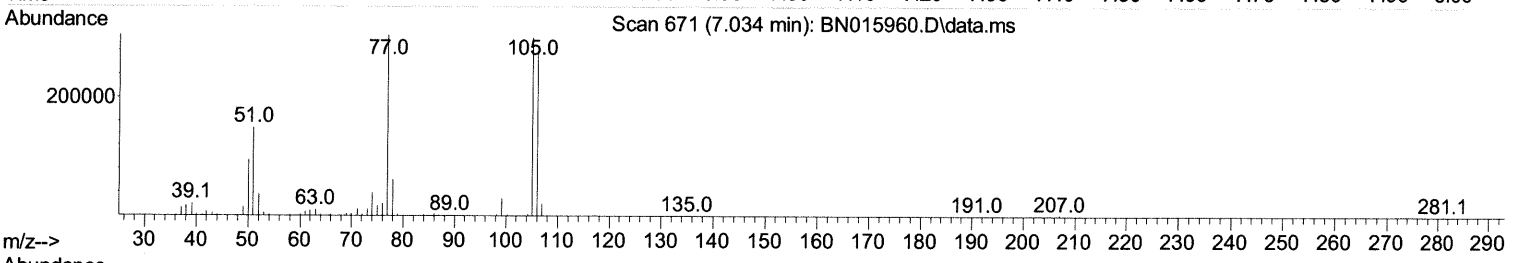

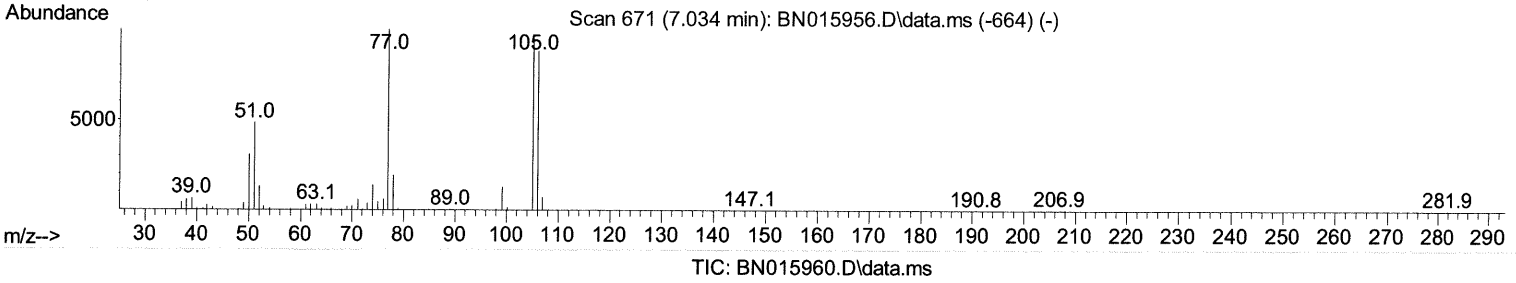

TIC: BN015960.D\data.ms

(6) Benzaldehyde

7.034min (-0.006) 52.58 ng/ul

response 532099

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	91.70	98.20
106.00	87.90	90.73
0.00	0.00	0.00

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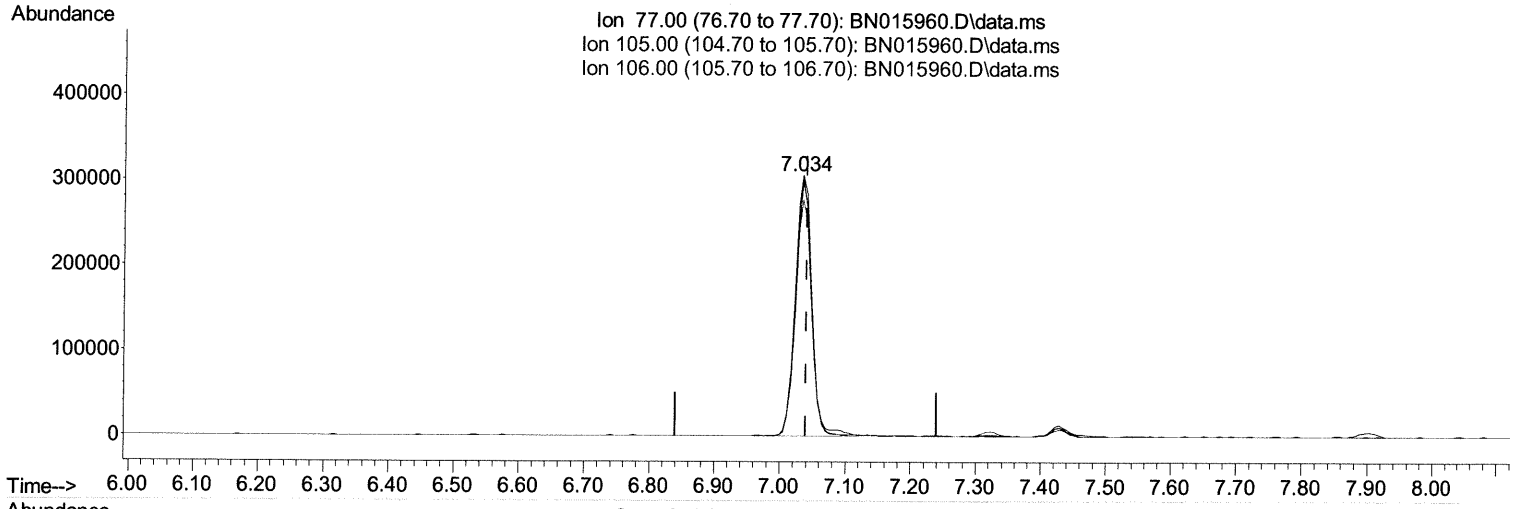

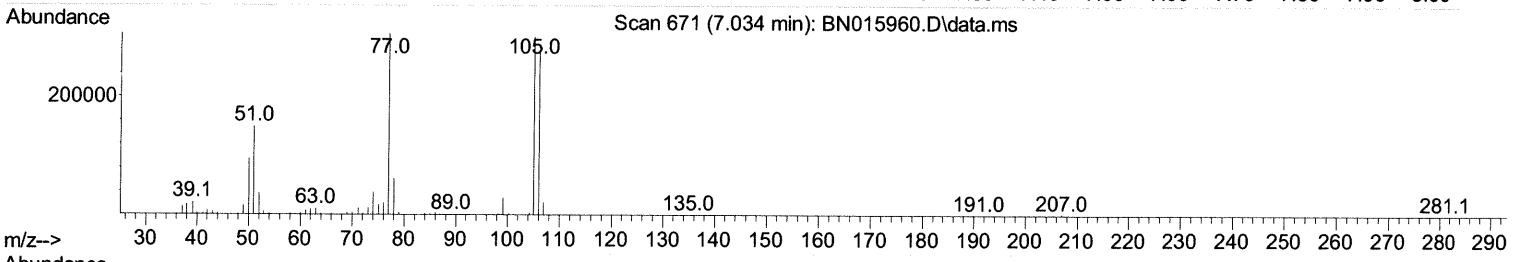

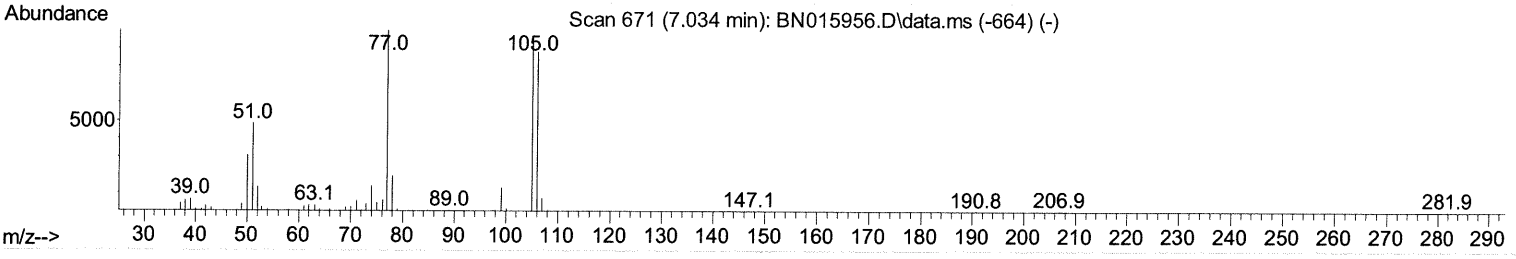

TIC: BN015960.D\data.ms

(6) Benzaldehyde

7.034min (-0.006) 53.42 ng/ul m 08/20/21 JC

response 540533

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	91.70	98.20
106.00	87.90	90.73
0.00	0.00	0.00

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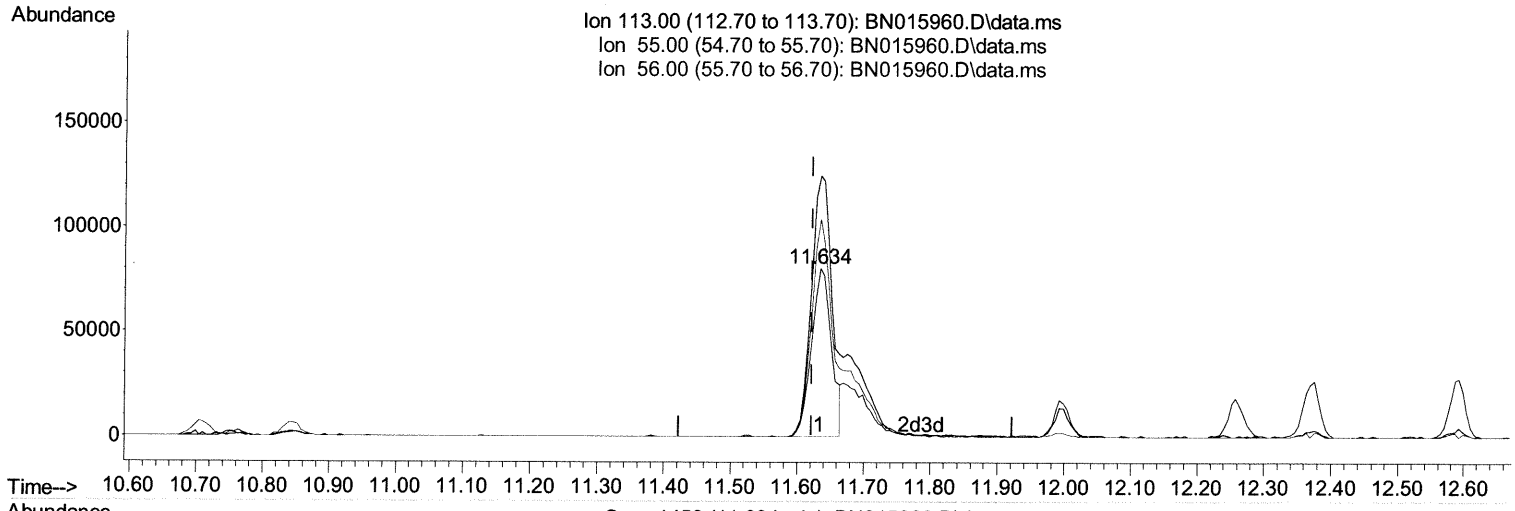

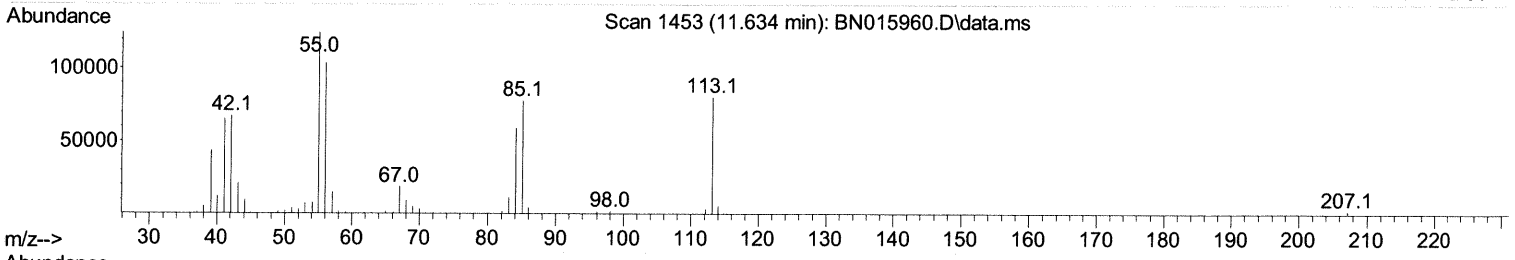

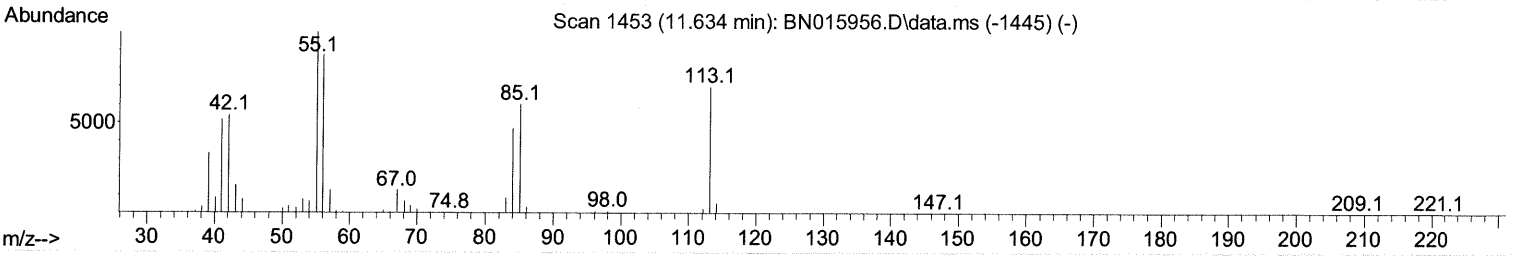

TIC: BN015960.D\data.ms

(34) Caprolactam

11.634min (+ 0.012) 39.63 ng/ul

response 166856

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	163.00	154.86
56.00	127.80	129.02
0.00	0.00	0.00

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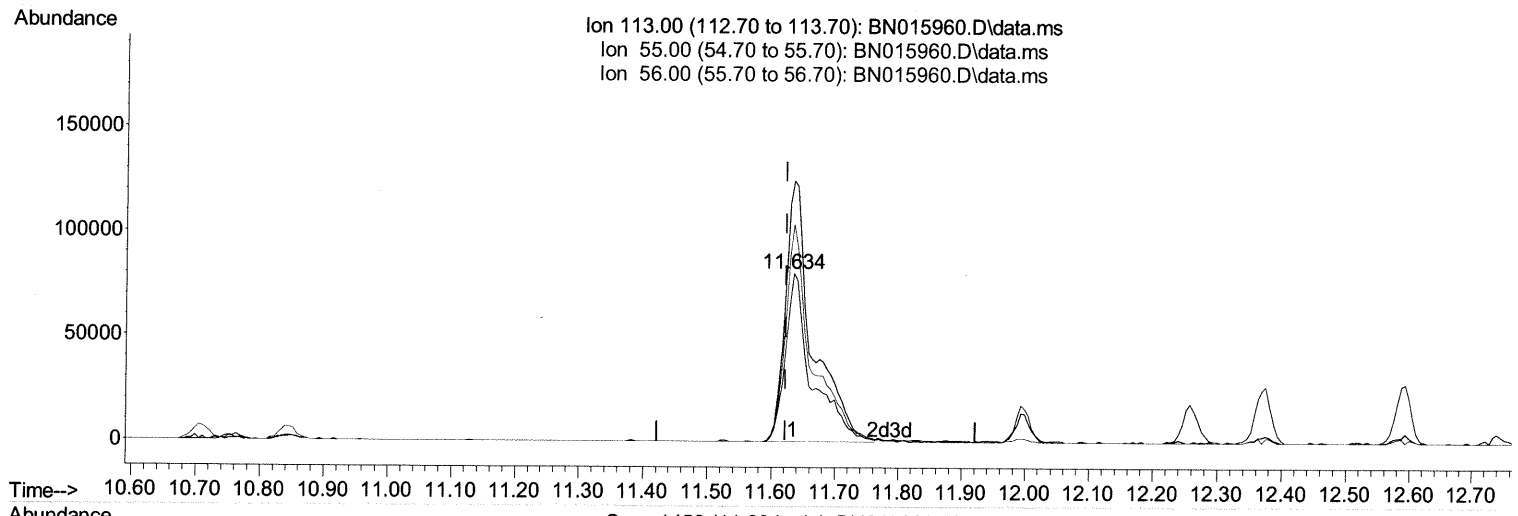

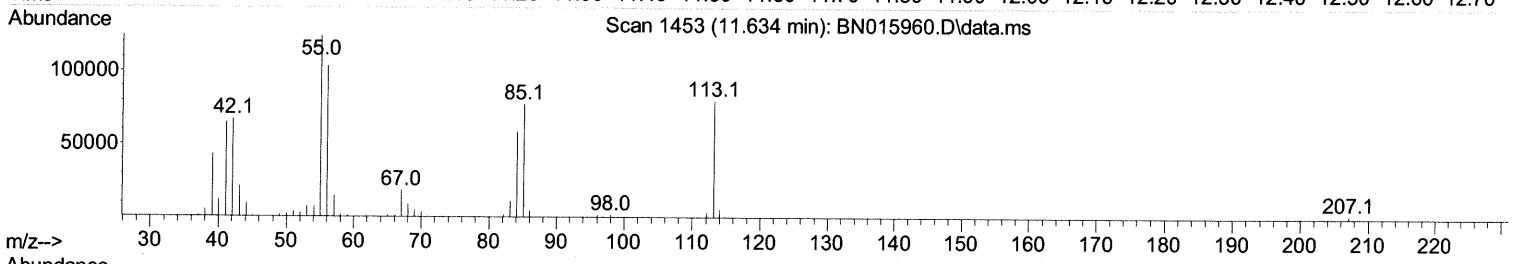

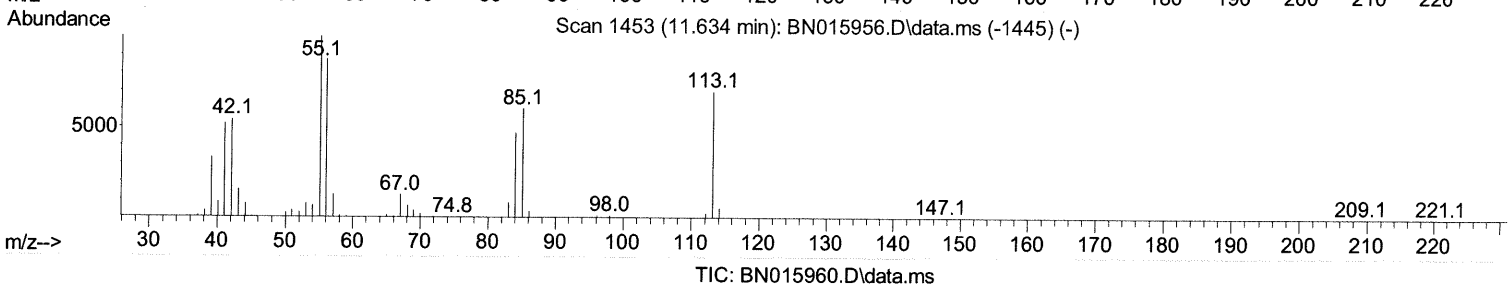

TIC: BN015960.D\data.ms

(34) Caprolactam

11.634min (+ 0.012) 55.67 ng/ul m 08/20/21 JU

response 234358

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	163.00	154.86
56.00	127.80	129.02
0.00	0.00	0.00

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.899	152	217424	20.000	ng/ul	0.00
20) Naphthalene-d8	10.710	136	914302	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.546	164	571602	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.298	188	1210731	20.000	ng/ul	0.00
79) Chrysene-d12	21.486	240	1164929	20.000	ng/ul	0.00
88) Perylene-d12	23.910	264	1159013	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.328	96	42697	7.649	ng/uL	-0.01
4) Pyridine-d5	3.740	84	638318	40.918	ng/ul	0.00
7) Phenol-d5	7.058	99	862732	43.866	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.228	67	499307	41.234	ng/ul	0.00
11) 2-Chlorophenol-d4	7.428	132	674002	48.162	ng/ul	0.00
15) 4-Methylphenol-d8	8.611	113	701273	45.844	ng/ul	0.00
21) Nitrobenzene-d5	9.063	128	321168	47.726	ng/ul	0.00
24) 2-Nitrophenol-d4	9.787	143	352720	56.005	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.328	165	667567	48.982	ng/ul	0.00
31) 4-Chloroaniline-d4	10.846	131	832184	40.114	ng/ul	0.00
46) Dimethylphthalate-d6	13.957	166	1963897	46.881	ng/ul	0.00
49) Acenaphthylene-d8	14.240	160	2451912	46.737	ng/ul	0.00
54) 4-Nitrophenol-d4	14.746	143	350200	47.265	ng/ul	0.01
60) Fluorene-d10	15.540	176	1691716	46.296	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.657	200	296313	45.827	ng/ul	0.00
73) Anthracene-d10	17.392	188	2589865	45.638	ng/ul	0.00
81) Pyrene-d10	19.692	212	2959592	47.167	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.751	264	2826249	45.100	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.364	88	97649	17.018	ng/uL	91
5) Pyridine	3.758	79	700147	43.532	ng/ul	97
6) Benzaldehyde	7.034	77	540533m	53.416	ng/ul	98
8) Phenol	7.087	94	959550	47.860	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.322	93	719686	45.819	ng/ul	98
12) 2-Chlorophenol	7.464	128	743643	51.697	ng/ul	97
13) 2-Methylphenol	8.340	108	721776	49.146	ng/ul	96
14) 2,2'-oxybis(1-Chloropr...	8.434	45	892445	44.490	ng/ul	98
16) Acetophenone	8.722	105	1165730	47.224	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.716	70	606529	50.316	ng/ul	99
18) 4-Methylphenol	8.675	108	768177	48.872	ng/ul	92
19) Hexachloroethane	8.981	117	310617	47.552	ng/ul	91
22) Nitrobenzene	9.105	77	912661	47.963	ng/ul	98
23) Isophorone	9.634	82	1612349	48.705	ng/ul	99
25) 2-Nitrophenol	9.816	139	412830	60.108	ng/ul	100
26) 2,4-Dimethylphenol	9.881	107	895022	48.789	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.116	93	971409	47.774	ng/ul	98
29) 2,4-Dichlorophenol	10.352	162	706745	52.596	ng/ul	99
30) Naphthalene	10.757	128	2334218	47.668	ng/ul	99
32) 4-Chloroaniline	10.869	127	898107	43.850	ng/ul	99
33) Hexachlorobutadiene	11.052	225	491694	47.623	ng/ul	99
34) Caprolactam	11.634	113	234358m	55.666	ng/ul	99
35) 4-Chloro-3-methylphenol	11.999	107	845456	53.118	ng/ul	99

08/20/21 JU

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.369	142	1652085	48.516	ng/ul	99
37) 1-Methylnaphthalene	12.593	142	1597597	47.134	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.740	216	899409	48.638	ng/ul	98
40) Hexachlorocyclopentadiene	12.722	237	504789	42.106	ng/ul	99
41) 2,4,6-Trichlorophenol	12.981	196	575044	56.872	ng/ul	98
42) 2,4,5-Trichlorophenol	13.051	196	640001	57.975	ng/ul	95
43) 1,1'-Biphenyl	13.381	154	2137904	48.369	ng/ul	98
44) 2-Chloronaphthalene	13.422	162	1654860	48.488	ng/ul	97
45) 2-Nitroaniline	13.628	65	563285	58.247	ng/ul	99
47) Dimethylphthalate	14.004	163	2106884	50.735	ng/ul	98
48) 2,6-Dinitrotoluene	14.122	165	447044	59.445	ng/ul	90
50) Acenaphthylene	14.269	152	2503720	50.204	ng/ul	99
51) 3-Nitroaniline	14.451	138	422593	52.263	ng/ul	95
52) Acenaphthene	14.610	153	1768227	49.019	ng/ul	99
53) 2,4-Dinitrophenol	14.657	184	195484	46.782	ng/ul	93
55) 4-Nitrophenol	14.757	109	369891	51.020	ng/ul	97
56) Dibenzofuran	14.945	168	2527122	50.673	ng/ul	100
57) 2,4-Dinitrotoluene	14.910	165	646655	59.699	ng/ul	92
58) 2,3,4,6-Tetrachlorophenol	15.175	232	547844	59.975	ng/ul	97
59) Diethylphthalate	15.369	149	2176445	52.414	ng/ul	99
61) Fluorene	15.598	166	2108653	51.815	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.593	204	1063998	50.138	ng/ul	95
63) 4-Nitroaniline	15.616	138	452688	58.430	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.675	198	310235	48.240	ng/ul	99
67) N-Nitrosodiphenylamine	15.804	169	1793964	50.765	ng/ul	97
68) 4-Bromophenyl-phenylether	16.487	248	675200	51.969	ng/ul	98
69) Hexachlorobenzene	16.604	284	771345	50.804	ng/ul	94
70) Atrazine	16.757	200	686599	53.566	ng/ul	97
71) Pentachlorophenol	16.945	266	424703	49.862	ng/ul	97
72) Phenanthrene	17.340	178	3302948	50.182	ng/ul	99
74) Anthracene	17.428	178	3283844	48.869	ng/ul	97
75) 1,2,3,4-Tetrachloroben...	13.346	216	928776	48.702	ng/uL	95
76) Pentachlorobenzene	14.869	250	887569	47.813	ng/uL	93
77) Carbazole	17.698	167	2952258	49.969	ng/ul	99
78) Di-n-butylphthalate	18.269	149	3680891	54.795	ng/ul	99
80) Fluoranthene	19.357	202	3860762	50.855	ng/ul	99
82) Pyrene	19.722	202	3934360	49.794	ng/ul	97
83) Butylbenzylphthalate	20.622	149	1596631	60.090	ng/ul	92
84) 3,3'-Dichlorobenzidine	21.404	252	1147682	48.111	ng/ul	97
85) Benzo(a)anthracene	21.469	228	3801060	50.712	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.398	149	2393958	56.810	ng/ul	97
87) Chrysene	21.522	228	3600694	49.618	ng/ul	98
89) Di-n-octyl phthalate	22.333	149	3936520	53.663	ng/ul	100
90) Benzo(b)fluoranthene	23.169	252	3796160	49.819	ng/ul	98
91) Benzo(k)fluoranthene	23.222	252	3832483	50.516	ng/ul	98
93) Benzo(a)pyrene	23.804	252	3431331	49.746	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	26.427	276	4312236	50.420	ng/ul	99
95) Dibenzo(a,h)anthracene	26.445	278	3628861	51.395	ng/ul	96
96) Benzo(g,h,i)perylene	27.198	276	3488043	49.326	ng/ul	99

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