Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081721\
Data File : BN015944.D
Acq On : 18 Aug 2021 19:21
Operator : CG/JU
Sample : PB138519BS
Misc :
ALS Vial : 49 Sample Multiplier: 1

Quant Time: Aug 19 01:02:52 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 :
SLCS519

Manual Integrations APPROVED
mohammad
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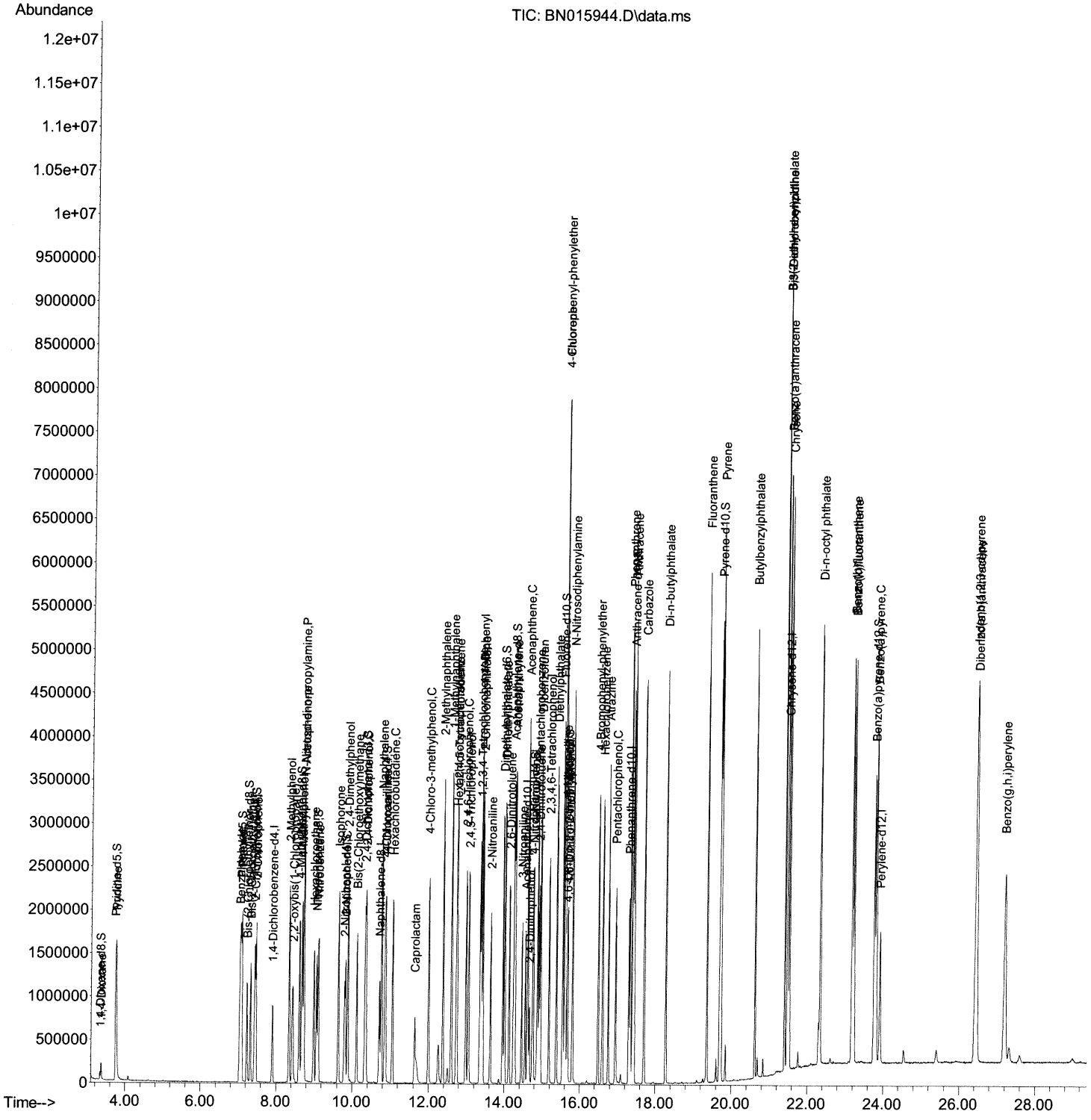

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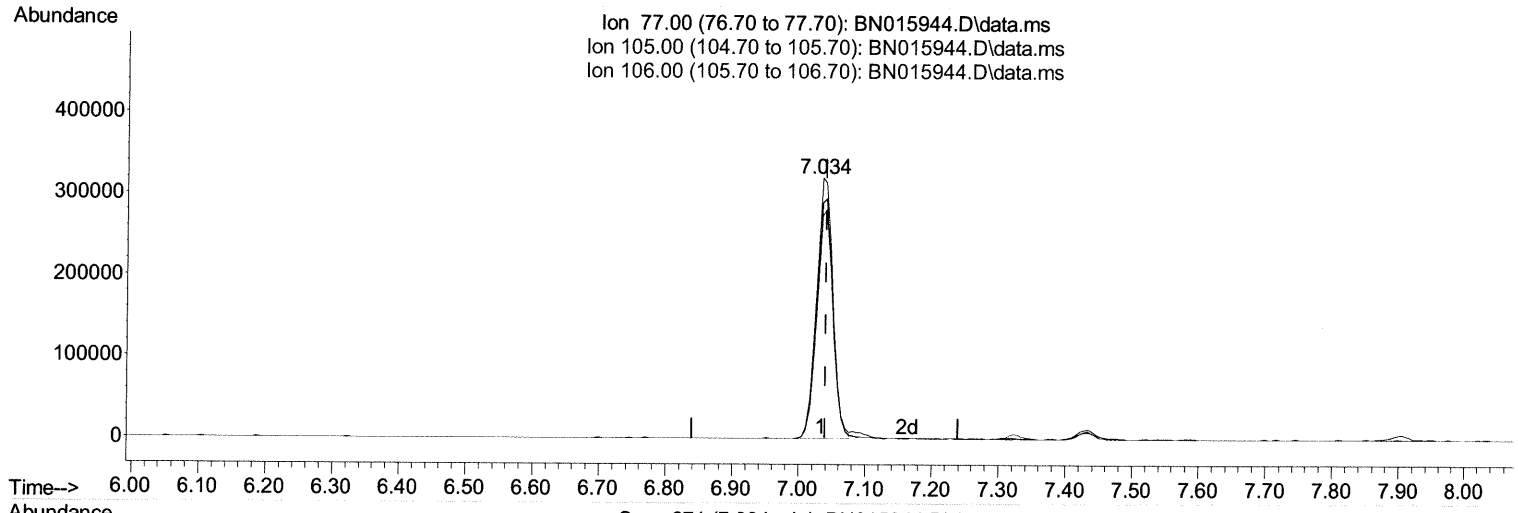

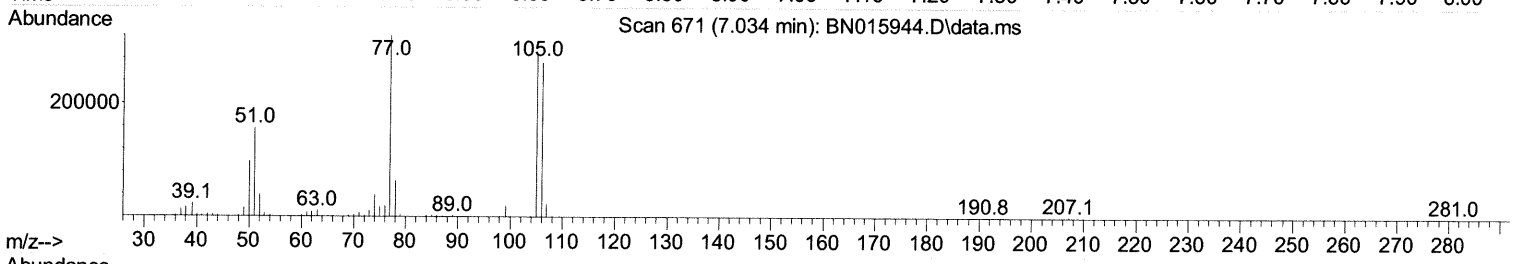

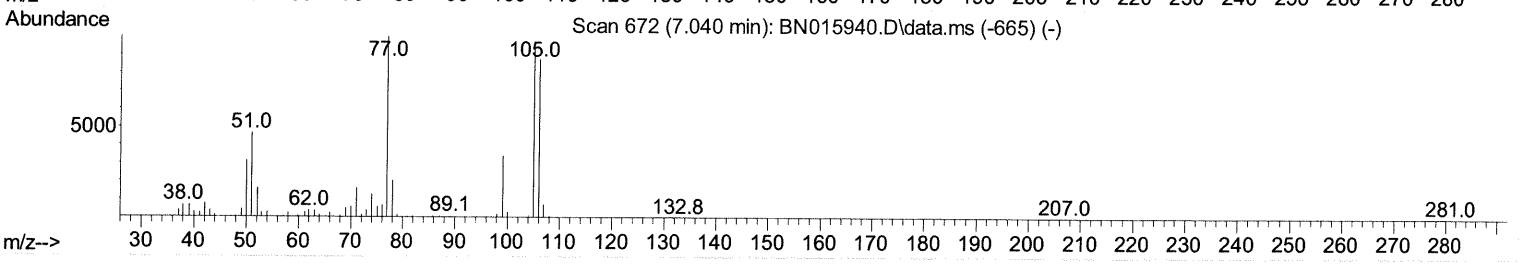

TIC: BN015944.D\data.ms

(6) Benzaldehyde

7.034min (-0.006) 49.18 ng/ul

response 547663

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	91.70	90.49
106.00	87.90	85.35
0.00	0.00	0.00

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mohammad
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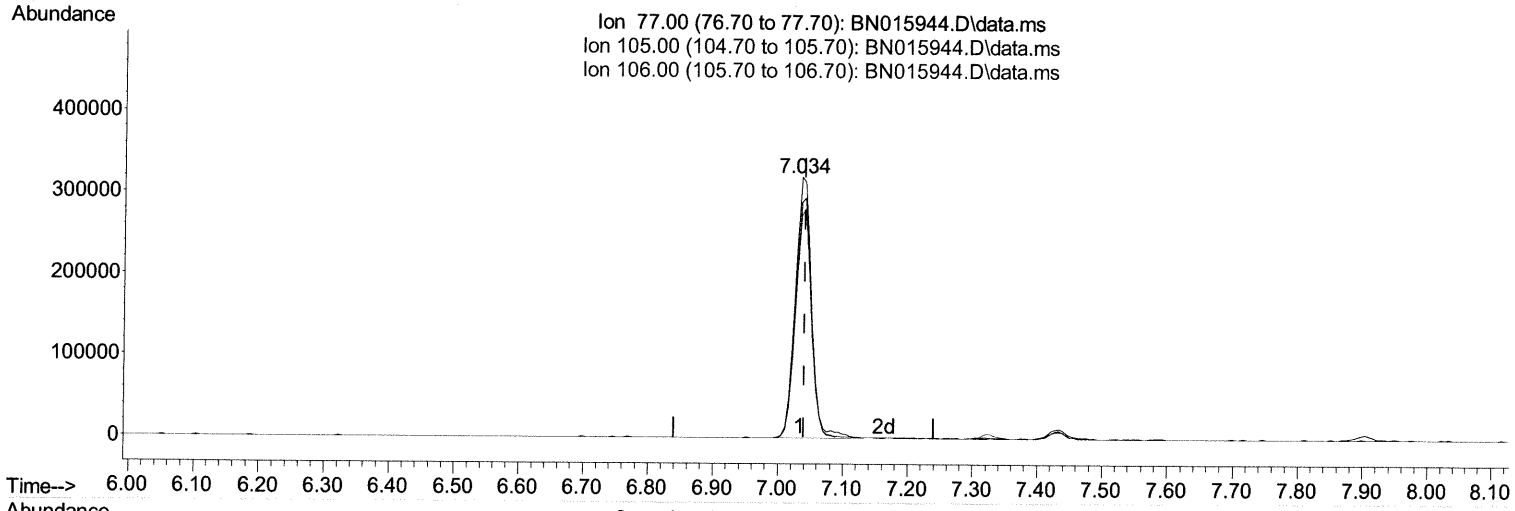

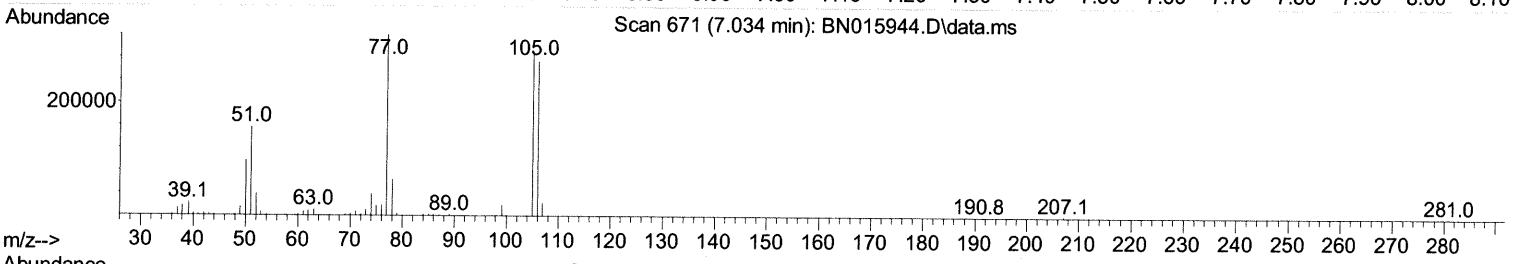

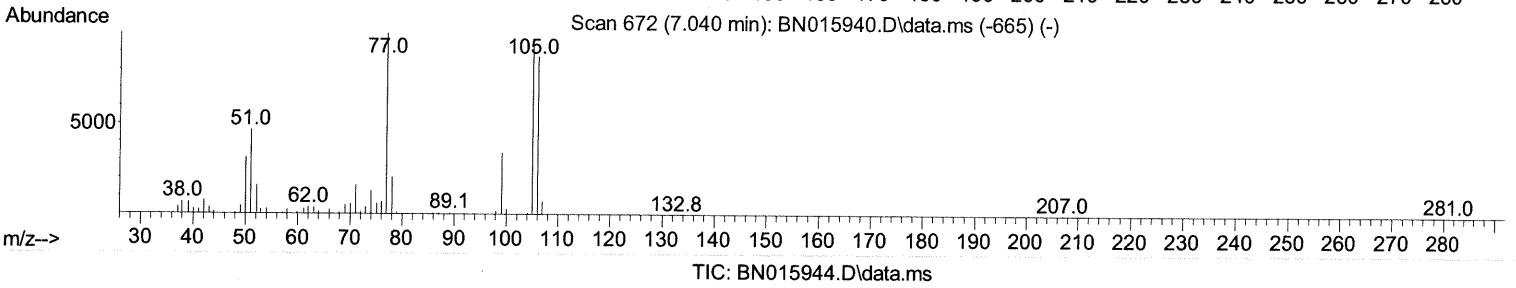

TIC: BN015944.D\data.ms

(6) Benzaldehyde

7.034min (-0.006) 50.34 ng/ul m 08/20/21 JU

response 560501

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	91.70	90.49
106.00	87.90	85.35
0.00	0.00	0.00

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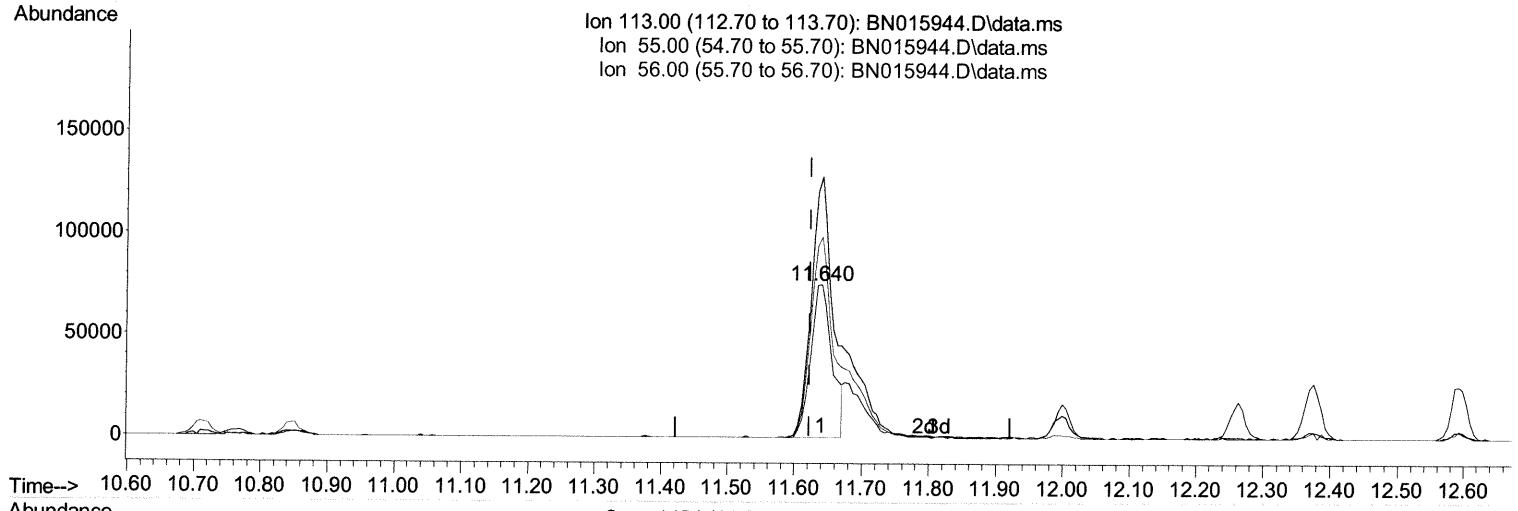

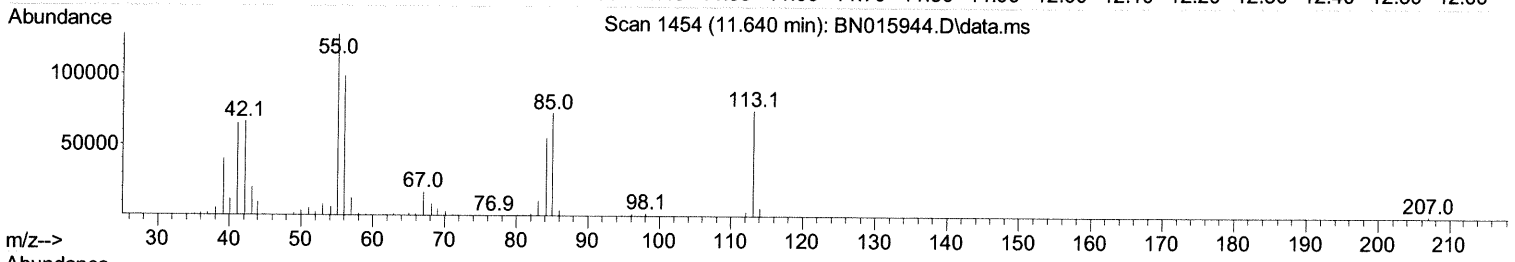

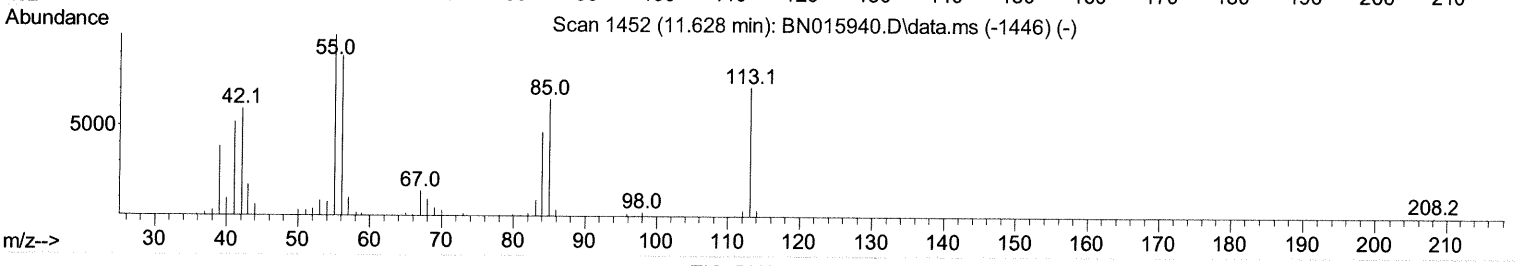

TIC: BN015944.D\data.ms

(34) Caprolactam

11.640min (+ 0.018) 36.99 ng/ul

response 165785

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	163.00	170.90
56.00	127.80	131.60
0.00	0.00	0.00

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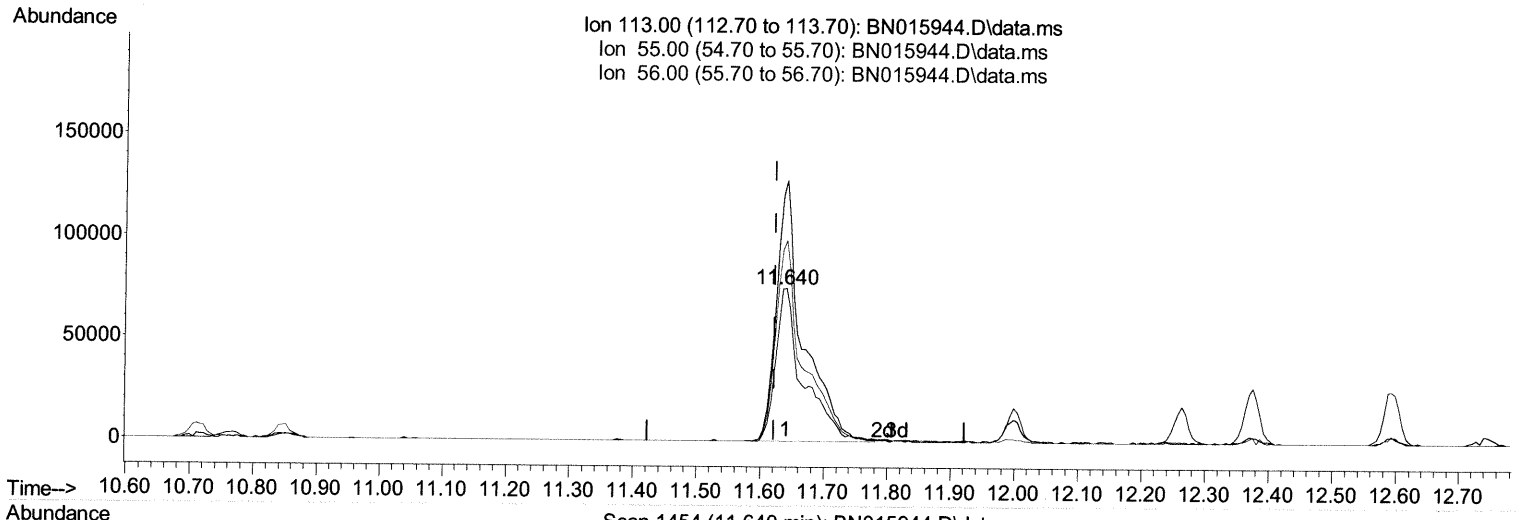

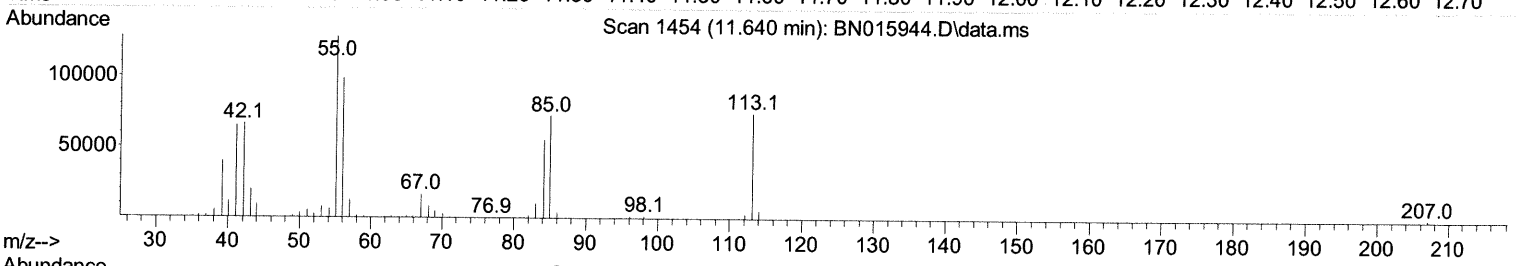

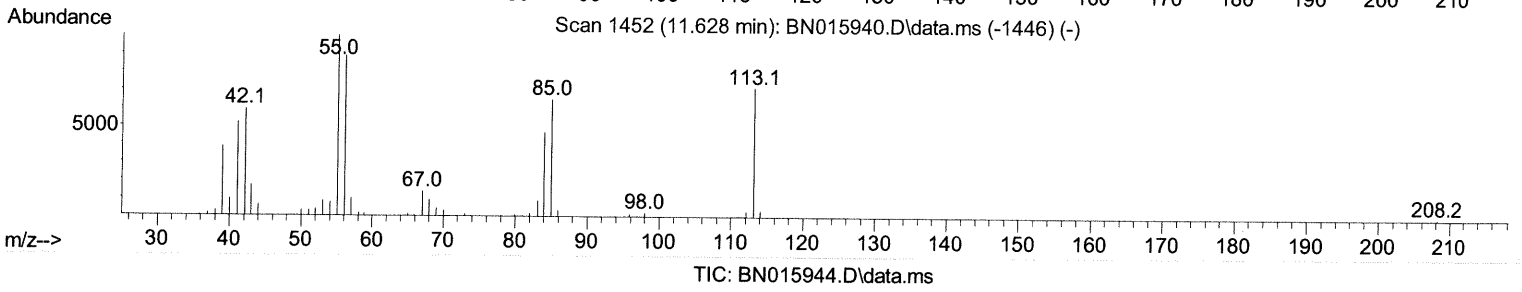

(34) Caprolactam

11.640min (+ 0.018) 50.48 ng/ul m 08/20/21 JU

response 226200

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	163.00	170.90
56.00	127.80	131.60
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	7.904	152	239254	20.000	ng/ul	0.00
20) Naphthalene-d8	10.710	136	973204	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.551	164	615127	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.298	188	1244690	20.000	ng/ul	0.00
79) Chrysene-d12	21.486	240	1140714	20.000	ng/ul	0.00
88) Perylene-d12	23.904	264	1103298	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.334	96	48168	7.842	ng/uL	0.00
4) Pyridine-d5	3.740	84	694841	40.478	ng/ul	0.00
7) Phenol-d5	7.063	99	914018	42.234	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.228	67	539012	40.451	ng/ul	0.00
11) 2-Chlorophenol-d4	7.434	132	689750	44.790	ng/ul	0.00
15) 4-Methylphenol-d8	8.616	113	711256	42.255	ng/ul	0.01
21) Nitrobenzene-d5	9.063	128	327352	45.701	ng/ul	0.00
24) 2-Nitrophenol-d4	9.793	143	338507	50.495	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.334	165	669975	46.184	ng/ul	0.00
31) 4-Chloroaniline-d4	10.851	131	858025	38.857	ng/ul	0.00
46) Dimethylphthalate-d6	13.957	166	1945179	43.148	ng/ul	0.00
49) Acenaphthylene-d8	14.239	160	2477315	43.880	ng/ul	0.00
54) 4-Nitrophenol-d4	14.745	143	349466	43.829	ng/ul	0.01
60) Fluorene-d10	15.539	176	1645437	41.844	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.657	200	261094	39.278	ng/ul	0.00
73) Anthracene-d10	17.398	188	2494968	42.766	ng/ul	0.00
81) Pyrene-d10	19.692	212	2770362	45.089	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.757	264	2620420	43.927	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.369	88	99335	15.732	ng/uL	94
5) Pyridine	3.764	79	734095	41.479	ng/ul	96
6) Benzaldehyde	7.034	77	560501m	50.335	ng/ul	> 08/20/21 JU
8) Phenol	7.087	94	993196	45.018	ng/ul	95
10) Bis(2-Chloroethyl)ether	7.322	93	751569	43.483	ng/ul	97
12) 2-Chlorophenol	7.463	128	740616	46.789	ng/ul	99
13) 2-Methylphenol	8.346	108	721640	44.653	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.440	45	971163	43.997	ng/ul	98
16) Acetophenone	8.728	105	1175874	43.289	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.716	70	620878	46.807	ng/ul	97
18) 4-Methylphenol	8.675	108	781199	45.165	ng/ul	94
19) Hexachloroethane	8.987	117	310624	43.214	ng/ul	91
22) Nitrobenzene	9.104	77	933418	46.085	ng/ul	98
23) Isophorone	9.634	82	1663631	47.212	ng/ul	100
25) 2-Nitrophenol	9.822	139	388861	53.192	ng/ul	99
26) 2,4-Dimethylphenol	9.881	107	885188	45.332	ng/ul	96
27) Bis(2-Chloroethoxy)met...	10.122	93	1010094	46.670	ng/ul	98
29) 2,4-Dichlorophenol	10.357	162	694566	48.561	ng/ul	97
30) Naphthalene	10.763	128	2310972	44.337	ng/ul	99
32) 4-Chloroaniline	10.869	127	891786	40.906	ng/ul	97
33) Hexachlorobutadiene	11.051	225	470441	42.807	ng/ul	96
34) Caprolactam	11.640	113	226200m	50.476	ng/ul	> 08/20/21 JU
35) 4-Chloro-3-methylphenol	11.998	107	832796	49.156	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.375	142	1659492	45.784	ng/ul	97
37) 1-Methylnaphthalene	12.592	142	1582546	43.864	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.745	216	865611	43.498	ng/ul	98
40) Hexachlorocyclopentadiene	12.728	237	459099	35.585	ng/ul	97
41) 2,4,6-Trichlorophenol	12.981	196	549357	50.487	ng/ul	96
42) 2,4,5-Trichlorophenol	13.057	196	586477	49.368	ng/ul	99
43) 1,1'-Biphenyl	13.387	154	2107496	44.307	ng/ul	98
44) 2-Chloronaphthalene	13.428	162	1597641	43.499	ng/ul	98
45) 2-Nitroaniline	13.628	65	542659	52.143	ng/ul	96
47) Dimethylphthalate	14.004	163	2058087	46.054	ng/ul	99
48) 2,6-Dinitrotoluene	14.128	165	409361	50.582	ng/ul	87
50) Acenaphthylene	14.269	152	2427894	45.239	ng/ul	99
51) 3-Nitroaniline	14.451	138	393559	45.228	ng/ul	99
52) Acenaphthene	14.616	153	1725758	44.457	ng/ul	99
53) 2,4-Dinitrophenol	14.657	184	158495	35.246	ng/ul	96
55) 4-Nitrophenol	14.757	109	331726	42.518	ng/ul	96
56) Dibenzofuran	14.951	168	2358745	43.950	ng/ul	99
57) 2,4-Dinitrotoluene	14.910	165	595635	51.098	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.175	232	495762	50.433	ng/ul	97
59) Diethylphthalate	15.375	149	2087063	46.705	ng/ul	99
61) Fluorene	15.598	166	1964648	44.860	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.592	204	989424	43.325	ng/ul	99
63) 4-Nitroaniline	15.616	138	424769	50.947	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.675	198	269754	40.801	ng/ul#	100
67) N-Nitrosodiphenylamine	15.804	169	1686377	46.419	ng/ul	99
68) 4-Bromophenyl-phenylether	16.486	248	609037	45.598	ng/ul	97
69) Hexachlorobenzene	16.604	284	689973	44.205	ng/ul	98
70) Atrazine	16.757	200	620019	47.052	ng/ul	98
71) Pentachlorophenol	16.945	266	373221	42.622	ng/ul	96
72) Phenanthrene	17.339	178	3065341	45.302	ng/ul	99
74) Anthracene	17.433	178	3137445	45.416	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.351	216	857327	43.729	ng/uL	97
76) Pentachlorobenzene	14.869	250	802799	42.067	ng/uL	94
77) Carbazole	17.704	167	2781317	45.792	ng/ul	98
78) Di-n-butylphthalate	18.269	149	3443799	49.867	ng/ul	99
80) Fluoranthene	19.357	202	3551243	47.771	ng/ul#	96
82) Pyrene	19.722	202	3652182	47.204	ng/ul	99
83) Butylbenzylphthalate	20.621	149	1450418	55.746	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.404	252	1037321	44.408	ng/ul	94
85) Benzo(a)anthracene	21.468	228	3449109	46.994	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.398	149	2186870	52.997	ng/ul	97
87) Chrysene	21.521	228	3333751	46.915	ng/ul	99
89) Di-n-octyl phthalate	22.333	149	3640986	52.141	ng/ul	100
90) Benzo(b)fluoranthene	23.174	252	3538134	48.778	ng/ul	98
91) Benzo(k)fluoranthene	23.221	252	3258053	45.113	ng/ul	99
93) Benzo(a)pyrene	23.804	252	3064330	46.669	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.433	276	3796783	46.635	ng/ul	98
95) Dibenzo(a,h)anthracene	26.451	278	3129554	46.562	ng/ul	98
96) Benzo(g,h,i)perylene	27.198	276	3028158	44.985	ng/ul	98

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