Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081721\
Data File : BN015943.D
Acq On : 18 Aug 2021 18:44
Operator : CG/JU
Sample : PB138486BS
Misc :
ALS Vial : 48 Sample Multiplier: 1

Quant Time: Aug 19 01:02:40 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 :
SLCS486

Manual Integrations APPROVED
mohammad
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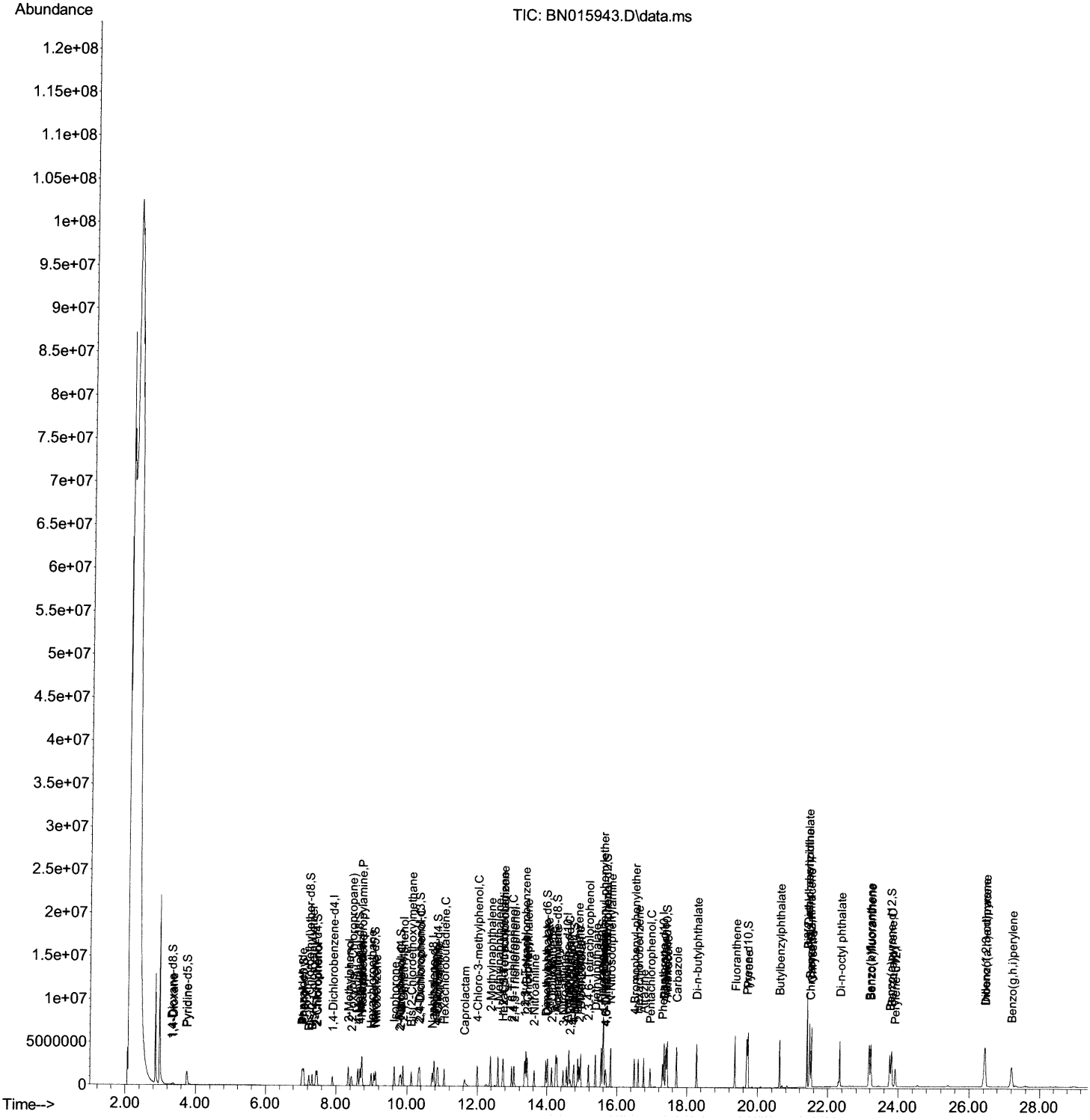

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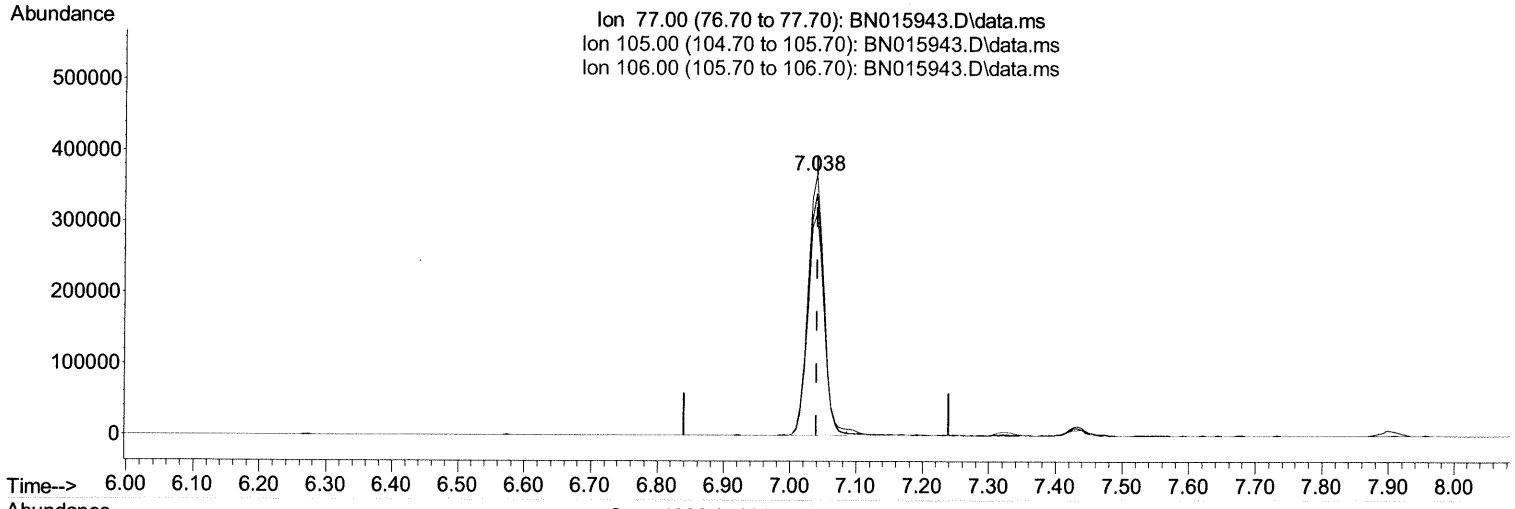

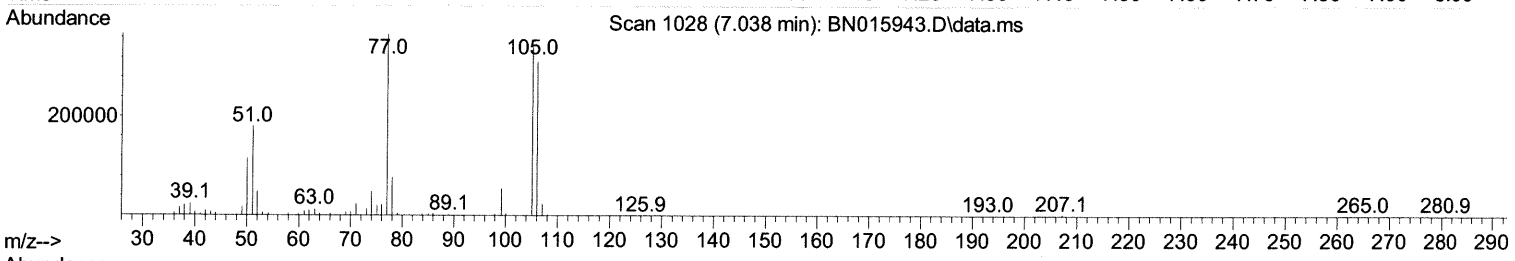

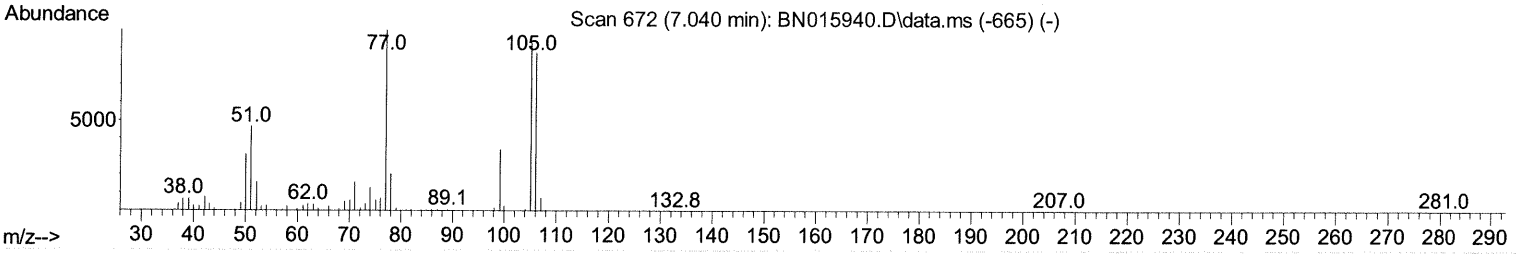

TIC: BN015943.D\data.ms

(6) Benzaldehyde

7.038min (-0.002) 45.88 ng/ul

response 614858

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	91.70	92.88
106.00	87.90	84.99
0.00	0.00	0.00

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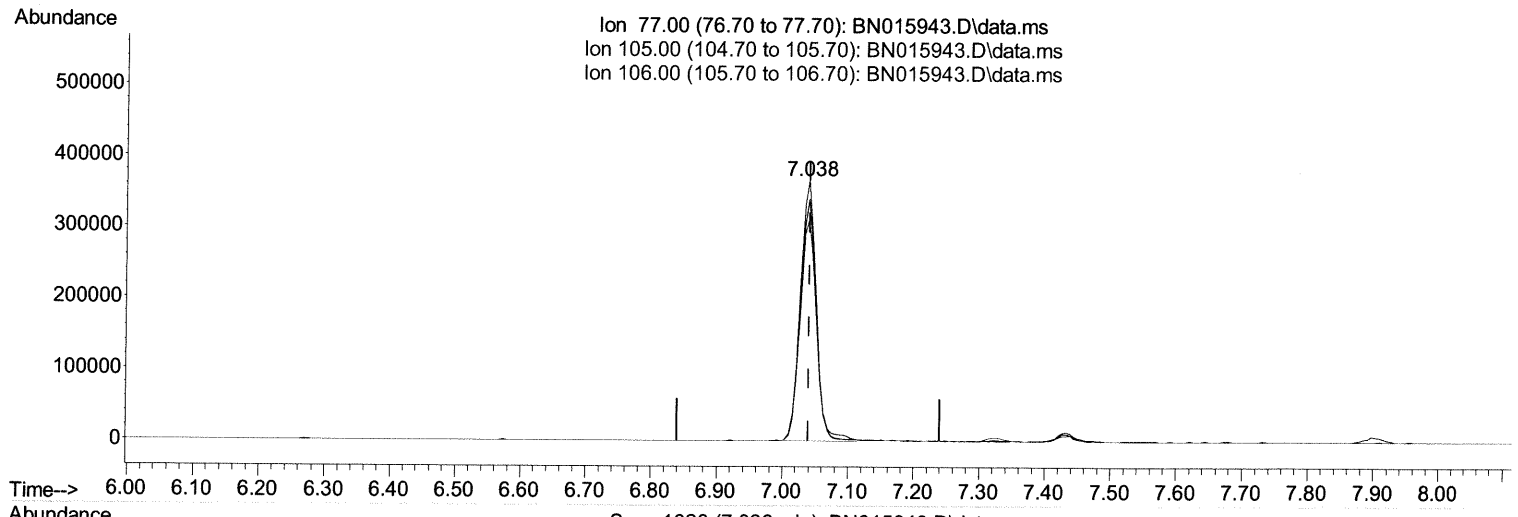

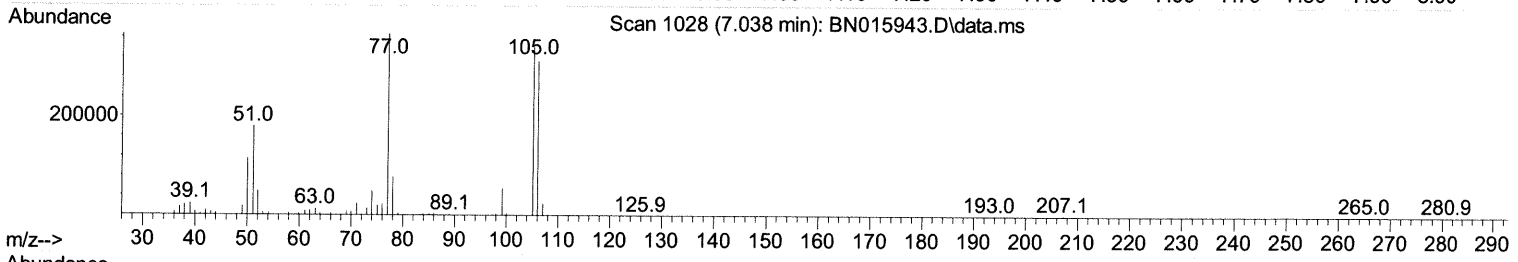

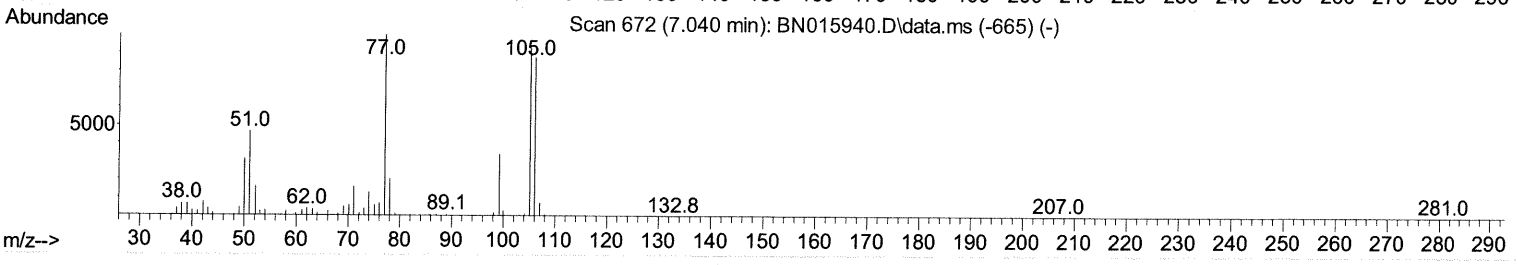

TIC: BN015943.D\data.ms

(6) Benzaldehyde

7.038min (-0.002) 46.50 ng/ul m 08/20/21 JU

response 623169

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	91.70	92.88
106.00	87.90	84.99
0.00	0.00	0.00

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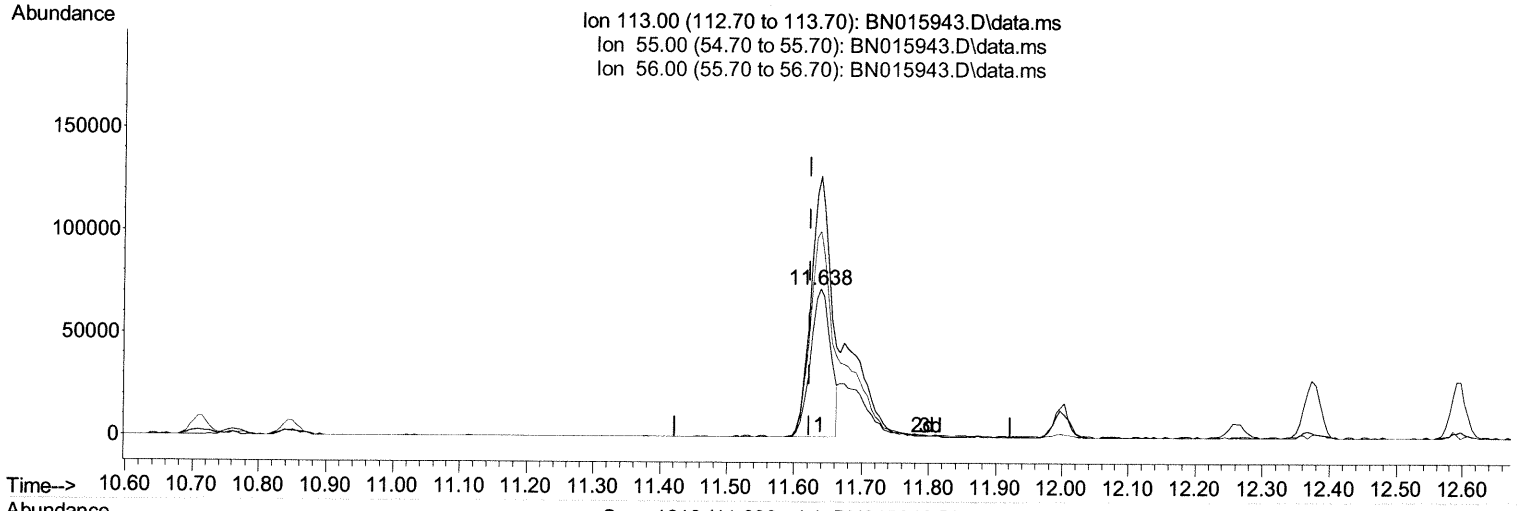

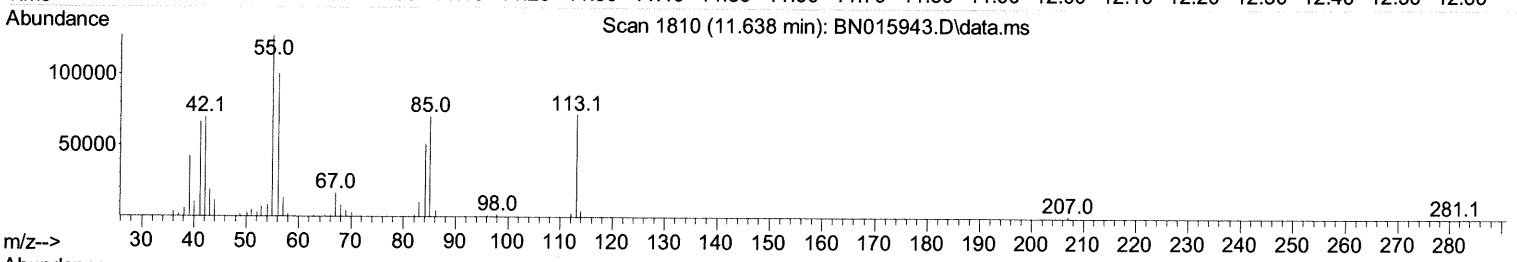

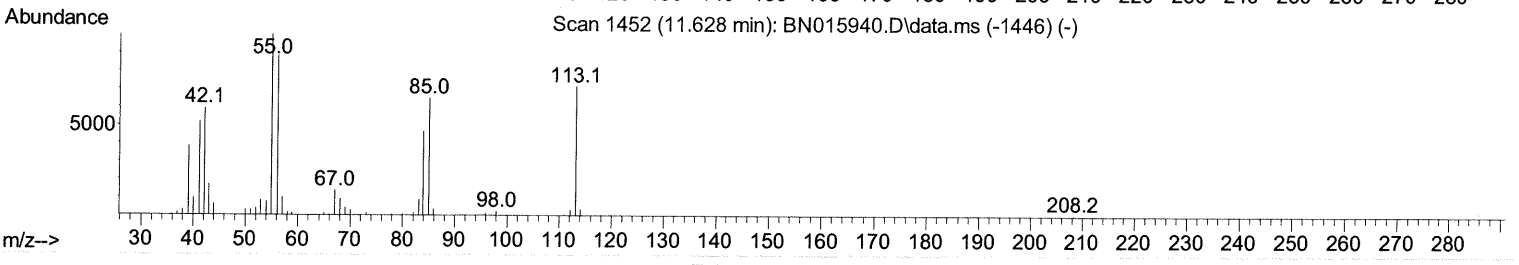

TIC: BN015943.D\data.ms

(34) Caprolactam

11.638min (+ 0.016) 26.13 ng/ul

response 149876

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	163.00	176.55
56.00	127.80	139.37
0.00	0.00	0.00

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Manual Integrations APPROVED
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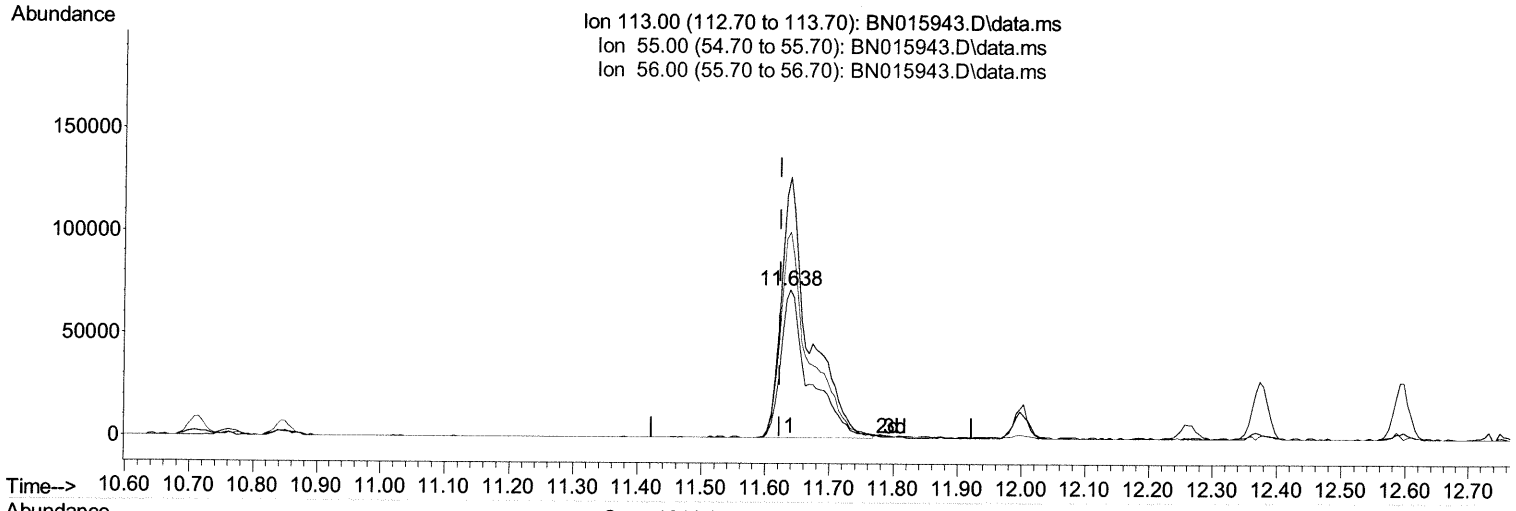

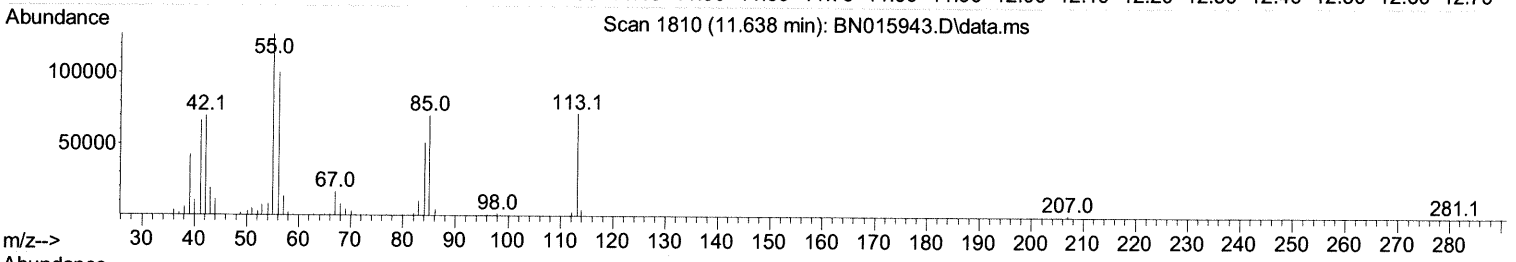

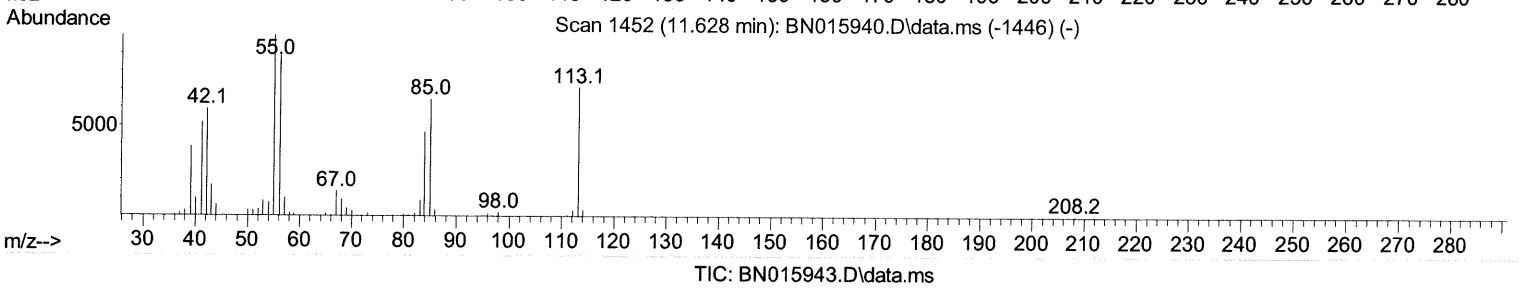

TIC: BN015943.D\data.ms

(34) Caprolactam

11.638min (+ 0.016) 39.09 ng/ul m 08/20/21 JU

response 224203

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	163.00	176.55
56.00	127.80	139.37
0.00	0.00	0.00

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Manual Integrations APPROVED
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.903	152	287953	20.000	ng/ul	0.00
20) Naphthalene-d8	10.715	136	1245533	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.550	164	782710	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.297	188	1590870	20.000	ng/ul	0.00
79) Chrysene-d12	21.485	240	1521058	20.000	ng/ul	0.00
88) Perylene-d12	23.908	264	1440663	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.333	96	42108	5.696	ng/uL	0.00
4) Pyridine-d5	3.744	84	672366	32.544	ng/ul	0.00
7) Phenol-d5	7.062	99	945274	36.291	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.232	67	560258	34.935	ng/ul	0.00
11) 2-Chlorophenol-d4	7.432	132	692369	37.356	ng/ul	0.00
15) 4-Methylphenol-d8	8.615	113	735186	36.290	ng/ul	0.01
21) Nitrobenzene-d5	9.068	128	334018	36.436	ng/ul	0.00
24) 2-Nitrophenol-d4	9.791	143	329693	38.427	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.332	165	678695	36.556	ng/ul	0.00
31) 4-Chloroaniline-d4	10.844	131	907503	32.112	ng/ul	0.00
46) Dimethylphthalate-d6	13.956	166	2028177	35.357	ng/ul	0.00
49) Acenaphthylene-d8	14.244	160	2519550	35.073	ng/ul	0.00
54) 4-Nitrophenol-d4	14.744	143	361659	35.647	ng/ul	0.01
60) Fluorene-d10	15.544	176	1710638	34.188	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.661	200	263048	30.961	ng/ul	0.00
73) Anthracene-d10	17.397	188	2653644	35.588	ng/ul	0.00
81) Pyrene-d10	19.691	212	3027016	36.947	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.755	264	2829867	36.329	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.368	88	93787	12.342	ng/uL	92
5) Pyridine	3.762	79	690239	32.405	ng/ul	98
6) Benzaldehyde	7.038	77	623169m	46.499	ng/ul	> 08/20/21 JU
8) Phenol	7.091	94	978123	36.837	ng/ul	95
10) Bis(2-Chloroethyl)ether	7.327	93	735533	35.358	ng/ul	99
12) 2-Chlorophenol	7.462	128	713787	37.468	ng/ul	95
13) 2-Methylphenol	8.344	108	710133	36.510	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.432	45	980336	36.902	ng/ul	97
16) Acetophenone	8.726	105	1170341	35.798	ng/ul	100
17) N-Nitroso-di-n-propyla...	8.715	70	607815	38.073	ng/ul	98
18) 4-Methylphenol	8.679	108	767991	36.892	ng/ul	95
19) Hexachloroethane	8.985	117	309237	35.745	ng/ul	97
22) Nitrobenzene	9.109	77	924051	35.647	ng/ul	99
23) Isophorone	9.632	82	1665149	36.923	ng/ul	99
25) 2-Nitrophenol	9.821	139	374618	40.039	ng/ul	96
26) 2,4-Dimethylphenol	9.885	107	845656	33.839	ng/ul	95
27) Bis(2-Chloroethoxy)met...	10.121	93	980243	35.388	ng/ul	98
29) 2,4-Dichlorophenol	10.356	162	678655	37.074	ng/ul	99
30) Naphthalene	10.762	128	2306774	34.580	ng/ul	99
32) 4-Chloroaniline	10.873	127	906108	32.475	ng/ul	99
33) Hexachlorobutadiene	11.050	225	440163	31.295	ng/ul	99
34) Caprolactam	11.638	113	224203m	39.092	ng/ul	> 08/20/21 JU
35) 4-Chloro-3-methylphenol	11.997	107	832761	38.407	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.373	142	1648357	35.533	ng/ul	98
37) 1-Methylnaphthalene	12.591	142	1589158	34.417	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.744	216	836087	33.019	ng/ul	98
40) Hexachlorocyclopentadiene	12.726	237	413571	25.193	ng/ul	95
41) 2,4,6-Trichlorophenol	12.985	196	532635	38.470	ng/ul	99
42) 2,4,5-Trichlorophenol	13.056	196	580968	38.433	ng/ul	99
43) 1,1'-Biphenyl	13.385	154	2061802	34.066	ng/ul	97
44) 2-Chloronaphthalene	13.426	162	1599039	34.216	ng/ul	96
45) 2-Nitroaniline	13.626	65	529164	39.960	ng/ul	94
47) Dimethylphthalate	14.009	163	2006034	35.278	ng/ul	99
48) 2,6-Dinitrotoluene	14.126	165	411227	39.933	ng/ul	93
50) Acenaphthylene	14.273	152	2387811	34.966	ng/ul	99
51) 3-Nitroaniline	14.456	138	428948	38.741	ng/ul	93
52) Acenaphthene	14.614	153	1697425	34.365	ng/ul	95
53) 2,4-Dinitrophenol	14.656	184	161771	28.272	ng/ul	94
55) 4-Nitrophenol	14.761	109	343051	34.556	ng/ul	94
56) Dibenzofuran	14.950	168	2342814	34.307	ng/ul	99
57) 2,4-Dinitrotoluene	14.909	165	588807	39.697	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.173	232	474207	37.912	ng/ul	96
59) Diethylphthalate	15.373	149	2085418	36.676	ng/ul	99
61) Fluorene	15.603	166	1972178	35.391	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.591	204	971538	33.433	ng/ul	98
63) 4-Nitroaniline	15.614	138	469625	44.267	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.673	198	266976	31.594	ng/ul	92
67) N-Nitrosodiphenylamine	15.808	169	1666973	35.900	ng/ul	99
68) 4-Bromophenyl-phenylether	16.491	248	605684	35.479	ng/ul	96
69) Hexachlorobenzene	16.603	284	674716	33.821	ng/ul	99
70) Atrazine	16.761	200	605636	35.959	ng/ul	97
71) Pentachlorophenol	16.950	266	364621	32.579	ng/ul	92
72) Phenanthrene	17.344	178	3072702	35.529	ng/ul	100
74) Anthracene	17.432	178	3147317	35.645	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.350	216	847654	33.827	ng/uL	96
76) Pentachlorobenzene	14.867	250	821433	33.677	ng/uL	93
77) Carbazole	17.703	167	2831506	36.474	ng/ul	99
78) Di-n-butylphthalate	18.273	149	3561753	40.352	ng/ul	99
80) Fluoranthene	19.361	202	3650657	36.828	ng/ul	99
82) Pyrene	19.720	202	3739952	36.251	ng/ul	98
83) Butylbenzylphthalate	20.620	149	1480233	42.666	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.402	252	1149068	36.891	ng/ul	98
85) Benzo(a)anthracene	21.473	228	3586560	36.647	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.402	149	2238228	40.679	ng/ul	98
87) Chrysene	21.526	228	3449595	36.406	ng/ul	97
89) Di-n-octyl phthalate	22.338	149	3726292	40.867	ng/ul	100
90) Benzo(b)fluoranthene	23.173	252	3618191	38.200	ng/ul	99
91) Benzo(k)fluoranthene	23.220	252	3457117	36.659	ng/ul	98
93) Benzo(a)pyrene	23.802	252	3202836	37.356	ng/ul#	94
94) Indeno(1,2,3-cd)pyrene	26.431	276	3974421	37.385	ng/ul	97
95) Dibenzo(a,h)anthracene	26.449	278	3309361	37.707	ng/ul	96
96) Benzo(g,h,i)perylene	27.202	276	3127752	35.584	ng/ul#	95

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