Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092421\
Data File : BM032137.D
Acq On : 24 Sep 2021 18:58
Operator : CG/JU
Sample : SSTD01033
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Sep 25 00:19:52 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM092421.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Sep 25 00:18:47 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTD010040

Manual Integrations APPROVED
mohammad
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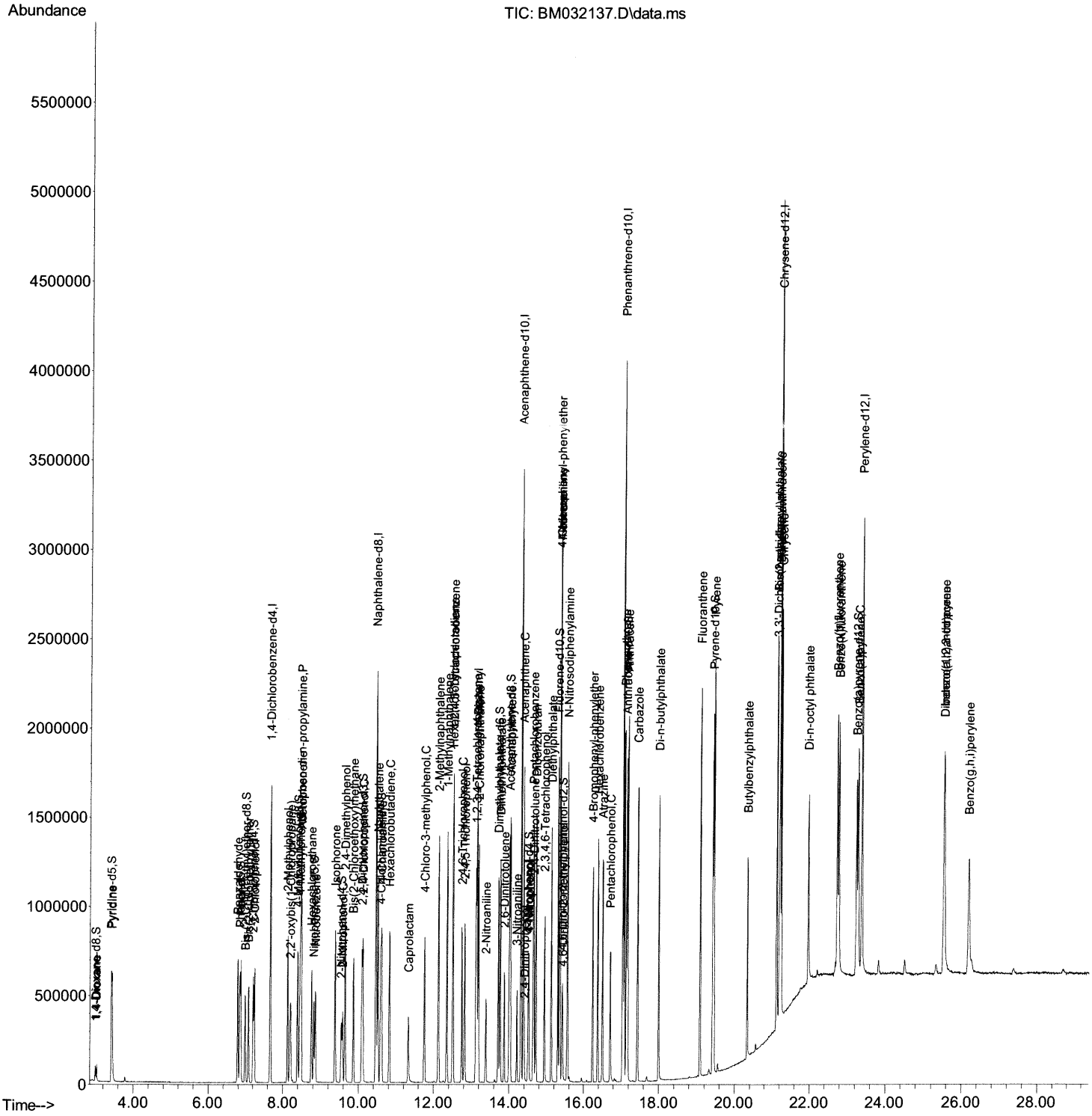

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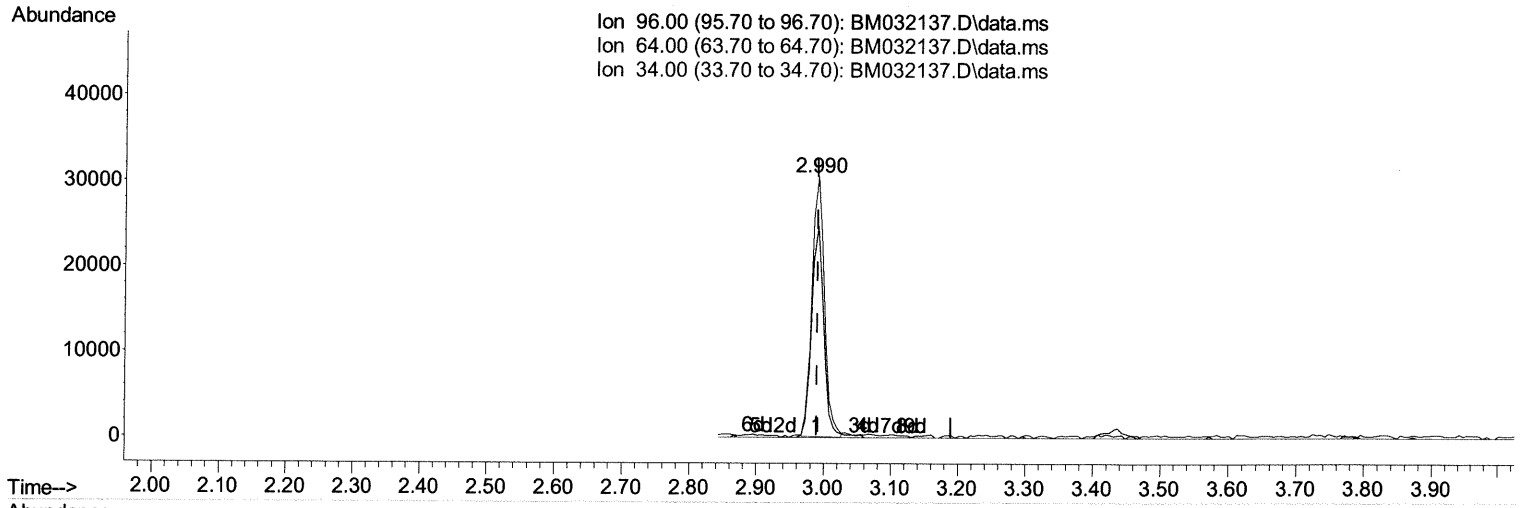

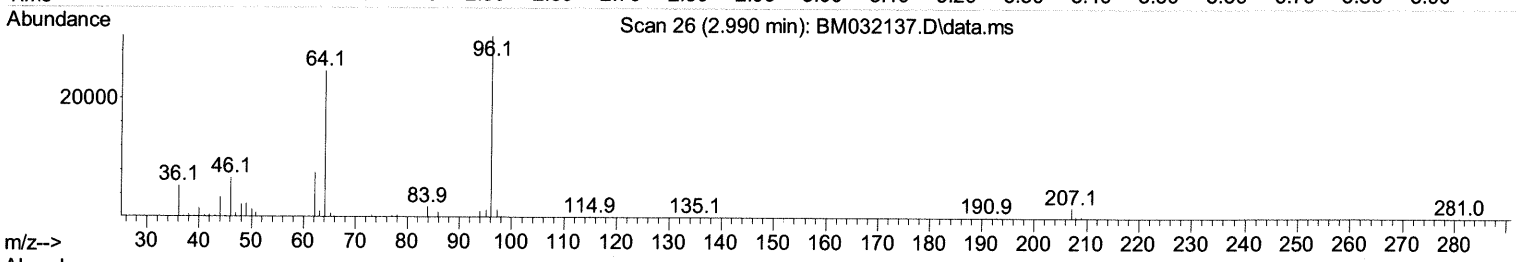

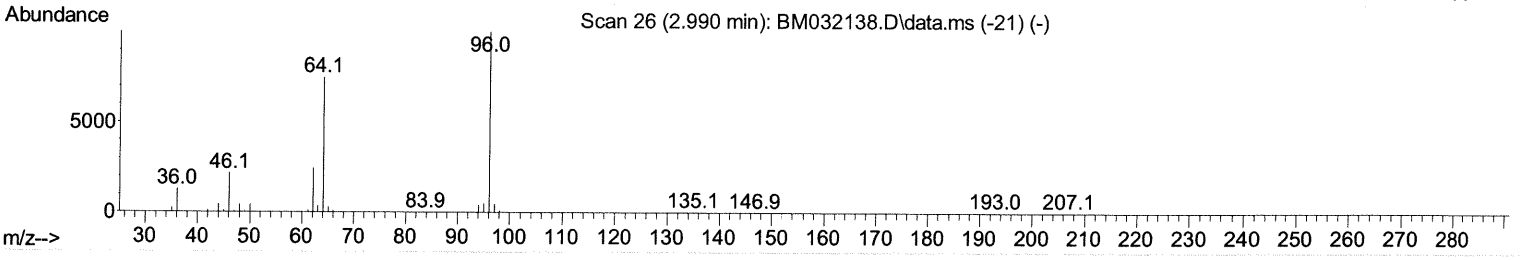

TIC: BM032137.D\data.ms

(3) 1,4-Dioxane-d8 (S)

2.990min (-0.000) 3.83 ng/uL

response 38992

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	74.40	80.89
34.00	0.00	0.00
0.00	0.00	0.00

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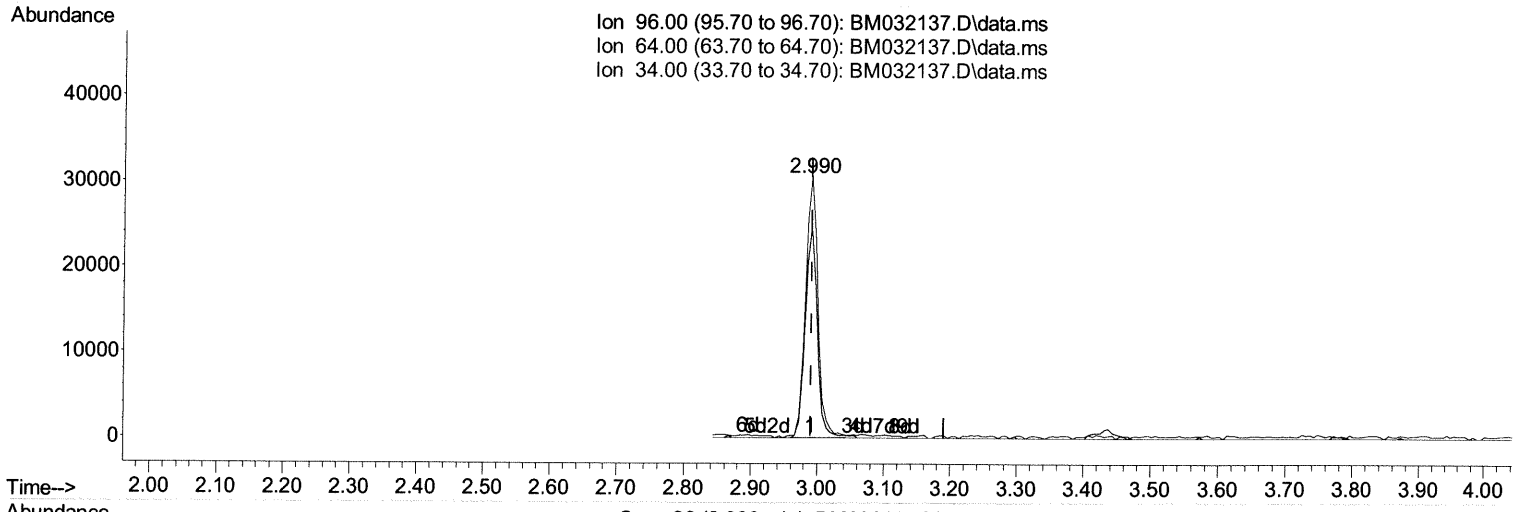

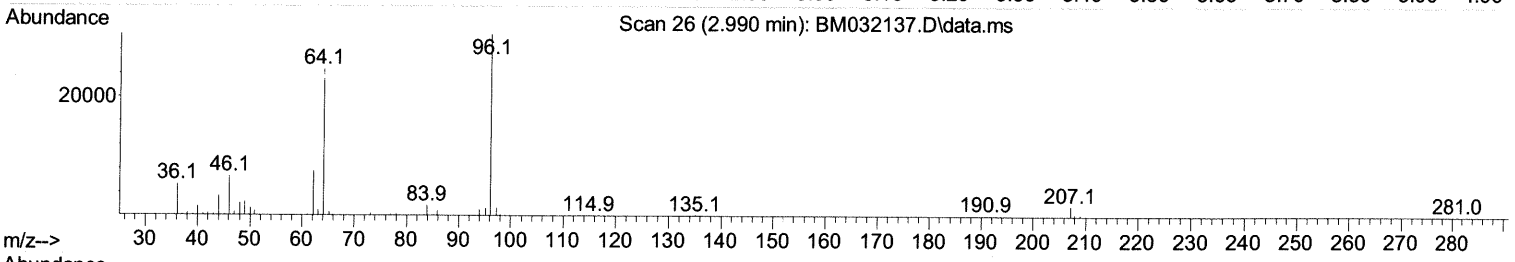

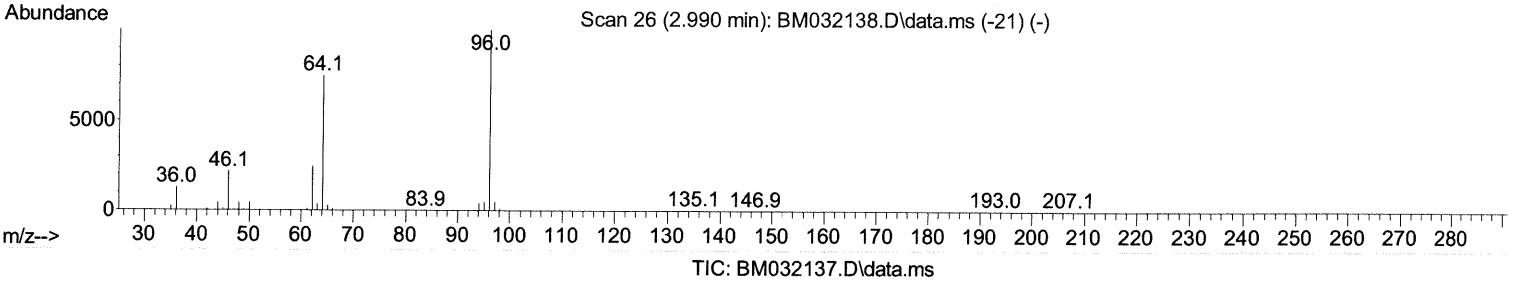

TIC: BM032137.D\data.ms

(3) 1,4-Dioxane-d8 (S)

2.990min (-0.000) 3.87 ng/uL m 09/29/21 JU

response 39397

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	74.40	80.89
34.00	0.00	0.00
0.00	0.00	0.00

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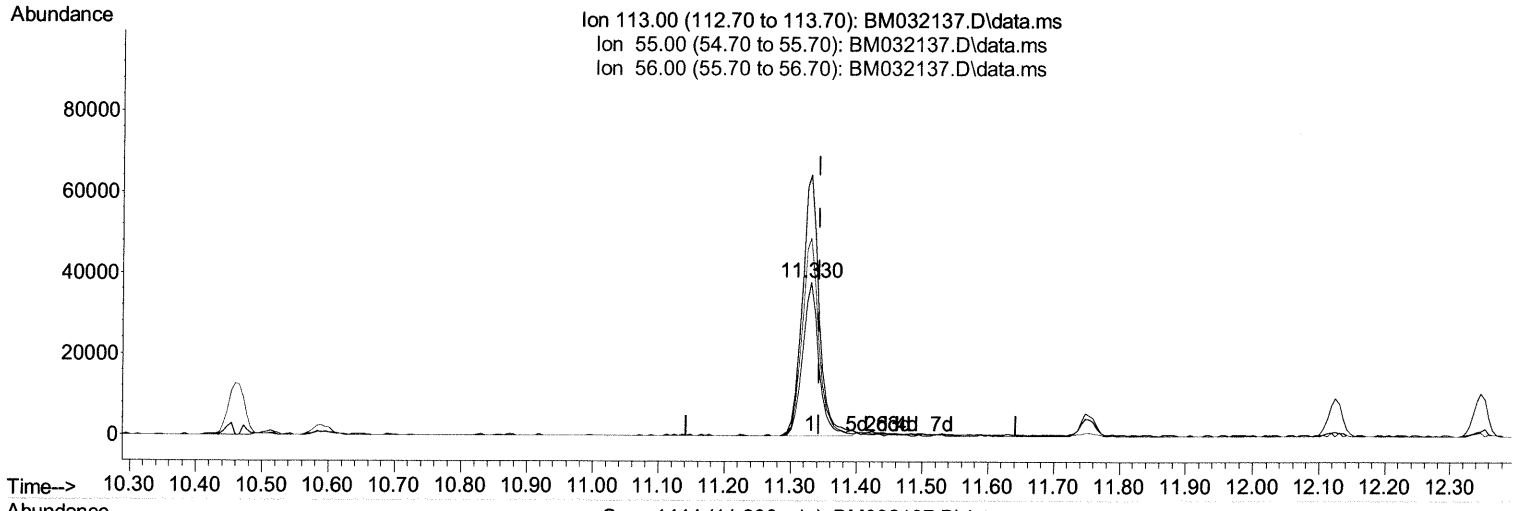

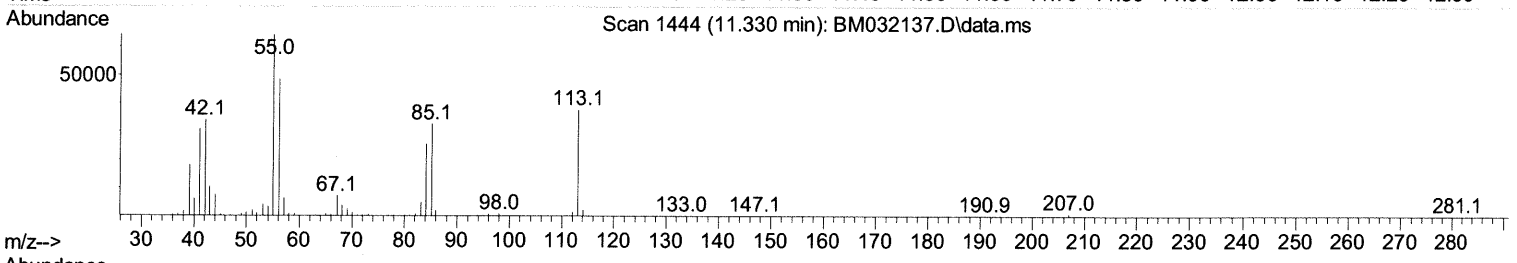

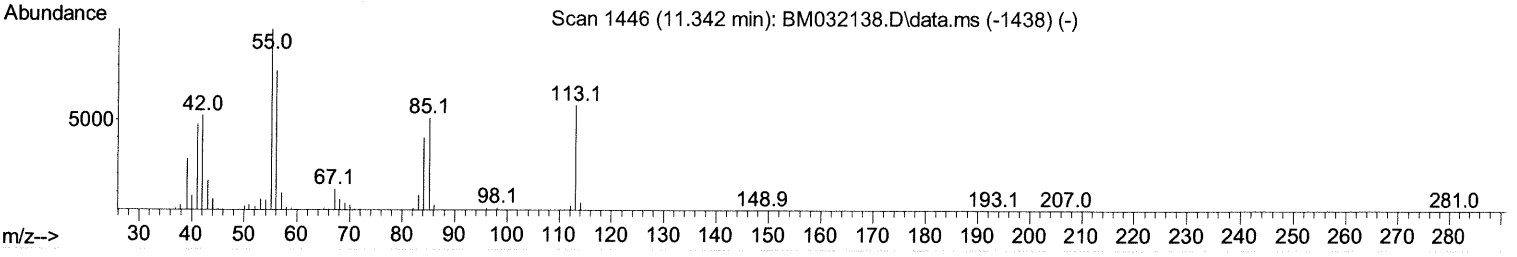

TIC: BM032137.D\data.ms

(34) Caprolactam

11.330min (-0.012) 5.92 ng/ul

response 64570

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	172.60	169.80
56.00	132.50	128.76
0.00	0.00	0.00

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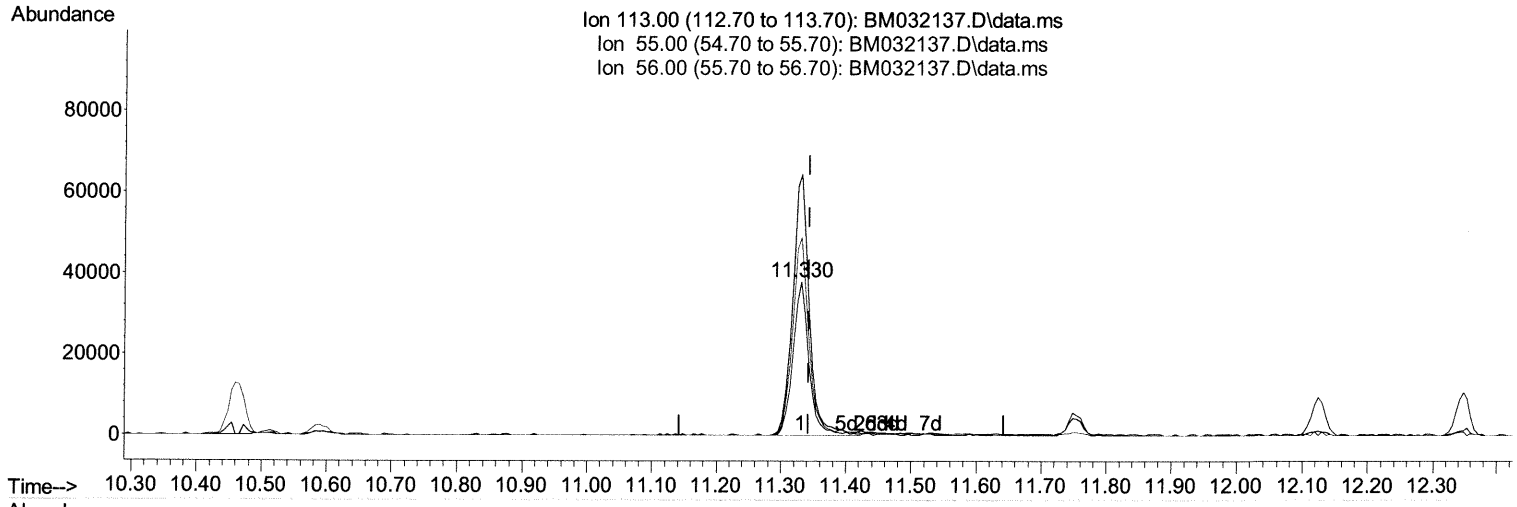

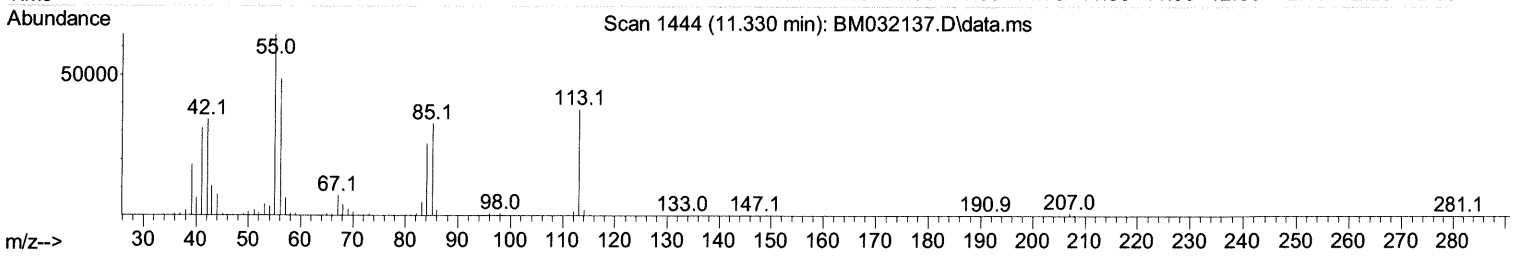

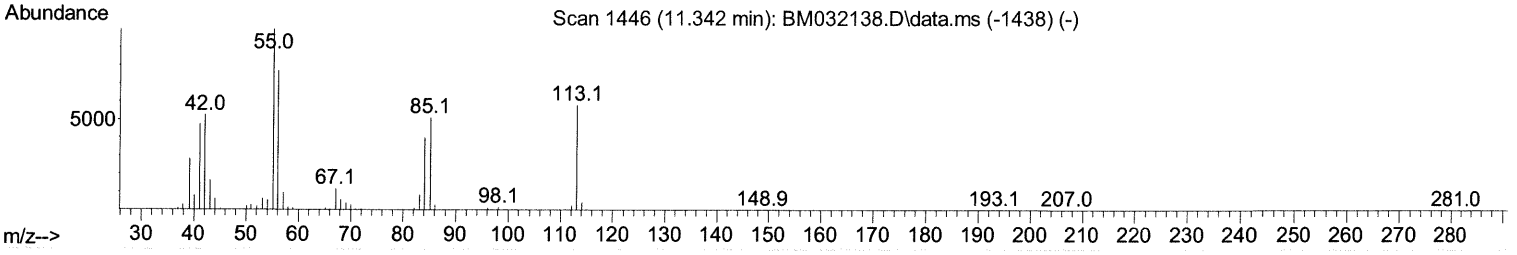

TIC: BM032137.D\data.ms

(34) Caprolactam

11.330min (-0.012) 5.98 ng/ul m 09/29/21 JU

response 65233

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	172.60	169.80
56.00	132.50	128.76
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	7.666	152	419092	20.000	ng/ul	0.00
20) Naphthalene-d8	10.460	136	1787614	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.313	164	1135047	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.042	188	2237389	20.000	ng/ul	0.00
79) Chrysene-d12	21.200	240	1884517	20.000	ng/ul	0.00
88) Perylene-d12	23.371	264	1610710	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.990	96	39397m	> 3.873	ng/uL	> 0.00 09/29/21 JU
4) Pyridine-d5	3.413	84	272420	8.447	ng/ul	0.00
7) Phenol-d5	6.848	99	316679	8.268	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.990	67	200781	8.709	ng/ul	0.00
11) 2-Chlorophenol-d4	7.201	132	246740	9.019	ng/ul	0.00
15) 4-Methylphenol-d8	8.389	113	247079	7.981	ng/ul	0.00
21) Nitrobenzene-d5	8.819	128	91963	9.032	ng/ul	0.00
24) 2-Nitrophenol-d4	9.548	143	93737	9.708	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.089	165	245909	9.424	ng/ul	0.00
31) 4-Chloroaniline-d4	10.589	131	337508	8.743	ng/ul	0.00
46) Dimethylphthalate-d6	13.713	166	721930	9.105	ng/ul	0.00
49) Acenaphthylene-d8	14.007	160	922775	9.237	ng/ul	0.00
54) 4-Nitrophenol-d4	14.507	143	95133	7.440	ng/ul	0.00
60) Fluorene-d10	15.301	176	629428	9.561	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.413	200	70621	8.635	ng/ul	0.00
73) Anthracene-d10	17.136	188	931760	9.688	ng/ul	0.00
81) Pyrene-d10	19.418	212	970341	10.605	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.236	264	711586	8.997	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.025	88	42967	3.733	ng/uL	98
5) Pyridine	3.437	79	276237	8.722	ng/ul	97
6) Benzaldehyde	6.790	77	214277	9.493	ng/ul	97
8) Phenol	6.872	94	330685	8.479	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.084	93	266949	8.781	ng/ul	100
12) 2-Chlorophenol	7.237	128	258940	9.101	ng/ul	99
13) 2-Methylphenol	8.125	108	244141	8.171	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.201	45	381181	9.659	ng/ul	98
16) Acetophenone	8.484	105	415535	8.670	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.472	70	198007	7.417	ng/ul	99
18) 4-Methylphenol	8.454	108	267139	8.329	ng/ul	99
19) Hexachloroethane	8.760	117	107305	9.122	ng/ul	99
22) Nitrobenzene	8.860	77	255714	8.865	ng/ul	96
23) Isophorone	9.383	82	555880	7.825	ng/ul	99
25) 2-Nitrophenol	9.578	139	112492	10.081	ng/ul	99
26) 2,4-Dimethylphenol	9.648	107	299164	8.800	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.866	93	358935	8.844	ng/ul	99
29) 2,4-Dichlorophenol	10.113	162	243990	9.551	ng/ul	99
30) Naphthalene	10.513	128	879077	9.984	ng/ul	99
32) 4-Chloroaniline	10.613	127	355806	9.006	ng/ul	99
33) Hexachlorobutadiene	10.819	225	170326	10.191	ng/ul	98
34) Caprolactam	11.330	113	65233m	> 5.977	ng/ul	> 09/29/21 JU
35) 4-Chloro-3-methylphenol	11.754	107	264189	8.293	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.124	142	588355	9.497	ng/ul	99
37) 1-Methylnaphthalene	12.348	142	601607	9.541	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.507	216	322666	10.629	ng/ul	96
40) Hexachlorocyclopentadiene	12.501	237	150754	8.357	ng/ul	97
41) 2,4,6-Trichlorophenol	12.748	196	191541	9.740	ng/ul	99
42) 2,4,5-Trichlorophenol	12.813	196	202668	9.799	ng/ul	98
43) 1,1'-Biphenyl	13.142	154	805450	10.168	ng/ul	99
44) 2-Chloronaphthalene	13.183	162	598264	9.954	ng/ul	99
45) 2-Nitroaniline	13.383	65	112651	8.330	ng/ul	97
47) Dimethylphthalate	13.760	163	733240	9.281	ng/ul	99
48) 2,6-Dinitrotoluene	13.871	165	101688	9.088	ng/ul	95
50) Acenaphthylene	14.030	152	988074	9.673	ng/ul	100
51) 3-Nitroaniline	14.207	138	107155	8.216	ng/ul	96
52) Acenaphthene	14.377	153	641364	9.637	ng/ul	99
53) 2,4-Dinitrophenol	14.407	184	37476	6.461	ng/ul	97
55) 4-Nitrophenol	14.524	109	84699	6.917	ng/ul	96
56) Dibenzofuran	14.713	168	926486	9.888	ng/ul	100
57) 2,4-Dinitrotoluene	14.660	165	145703	8.941	ng/ul#	88
58) 2,3,4,6-Tetrachlorophenol	14.942	232	163673	9.387	ng/ul	99
59) Diethylphthalate	15.124	149	709328	8.618	ng/ul	99
61) Fluorene	15.360	166	744793	9.859	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.348	204	372970	10.078	ng/ul	99
63) 4-Nitroaniline	15.360	138	103236	7.640	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.430	198	72536	8.582	ng/ul	98
67) N-Nitrosodiphenylamine	15.560	169	615268	9.937	ng/ul	100
68) 4-Bromophenyl-phenylether	16.236	248	204028	9.663	ng/ul	98
69) Hexachlorobenzene	16.371	284	258771	10.932	ng/ul	98
70) Atrazine	16.501	200	199933	8.361	ng/ul	100
71) Pentachlorophenol	16.707	266	123689	9.111	ng/ul	99
72) Phenanthrene	17.083	178	1134184	10.049	ng/ul	99
74) Anthracene	17.171	178	1136297	9.864	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.119	216	335505	11.429	ng/uL	99
76) Pentachlorobenzene	14.642	250	327604	11.307	ng/uL	99
77) Carbazole	17.436	167	975167	9.340	ng/ul	99
78) Di-n-butylphthalate	17.995	149	1032951	7.905	ng/ul	100
80) Fluoranthene	19.089	202	1216728	10.513	ng/ul	100
82) Pyrene	19.448	202	1277676	10.925	ng/ul	96
83) Butylbenzylphthalate	20.336	149	279790	6.100	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.118	252	256444	6.449	ng/ul	99
85) Benzo(a)anthracene	21.183	228	1034795	9.081	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.112	149	441002	6.334	ng/ul	100
87) Chrysene	21.236	228	1081450	9.813	ng/ul	99
89) Di-n-octyl phthalate	21.959	149	588865	6.493	ng/ul	100
90) Benzo(b)fluoranthene	22.724	252	945969	9.978	ng/ul	100
91) Benzo(k)fluoranthene	22.765	252	890237	10.232	ng/ul	98
93) Benzo(a)pyrene	23.277	252	874894	9.538	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	25.524	276	854258	8.074	ng/ul	99
95) Dibenzo(a,h)anthracene	25.529	278	691389	7.705	ng/ul	99
96) Benzo(g,h,i)perylene	26.188	276	754882	8.310	ng/ul	99

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