Quantitation Report (QT Reviewed)

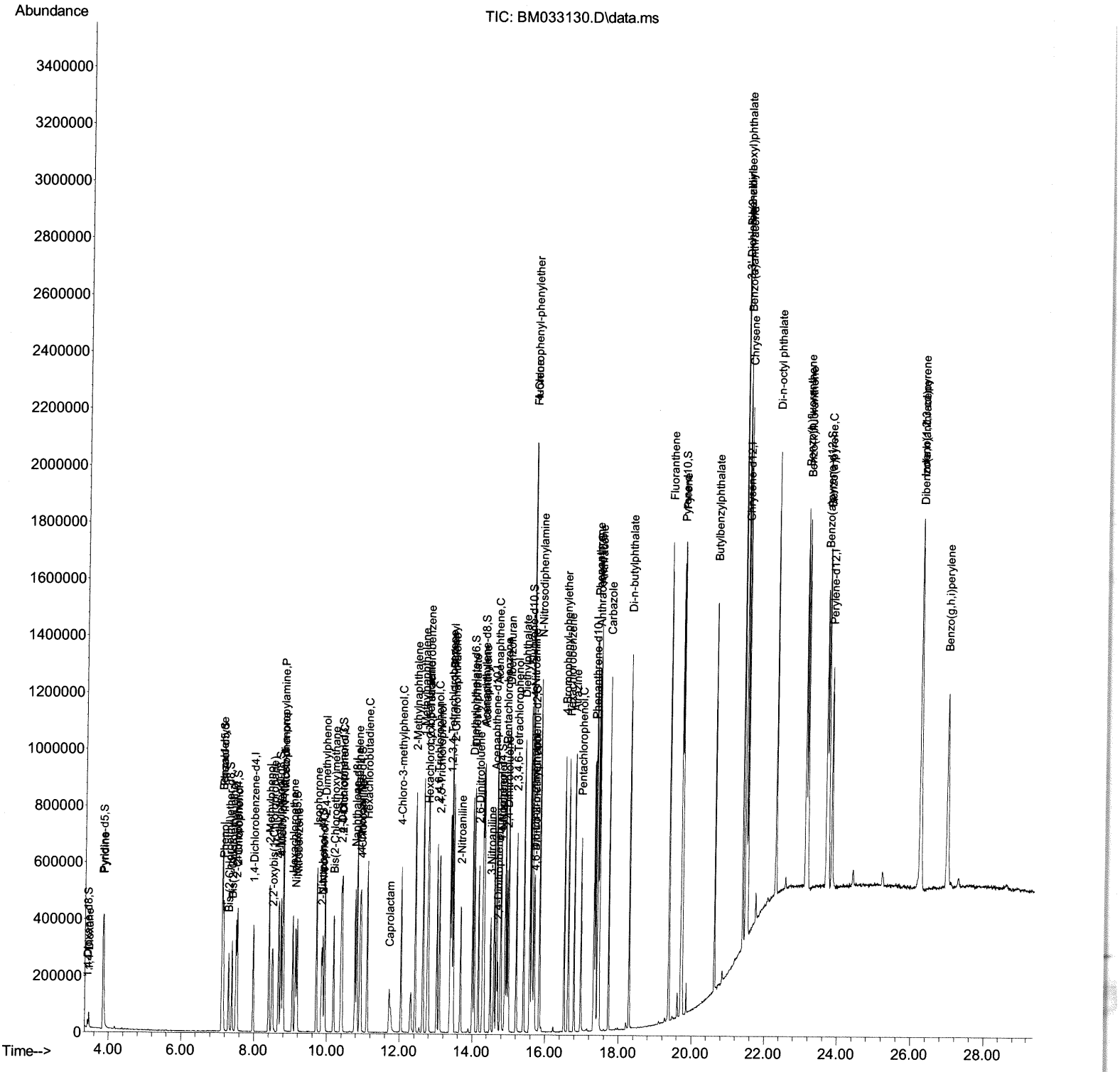
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111721\
Data File : BM033130.D
Acq On : 17 Nov 2021 21:36
Operator : CG/JU
Sample : PB140812BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Nov 18 00:36:28 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM111721.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 17 14:14:11 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SLCS812

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 11/18/2021
Supervised By :mohammad ahmed 11/26/2021



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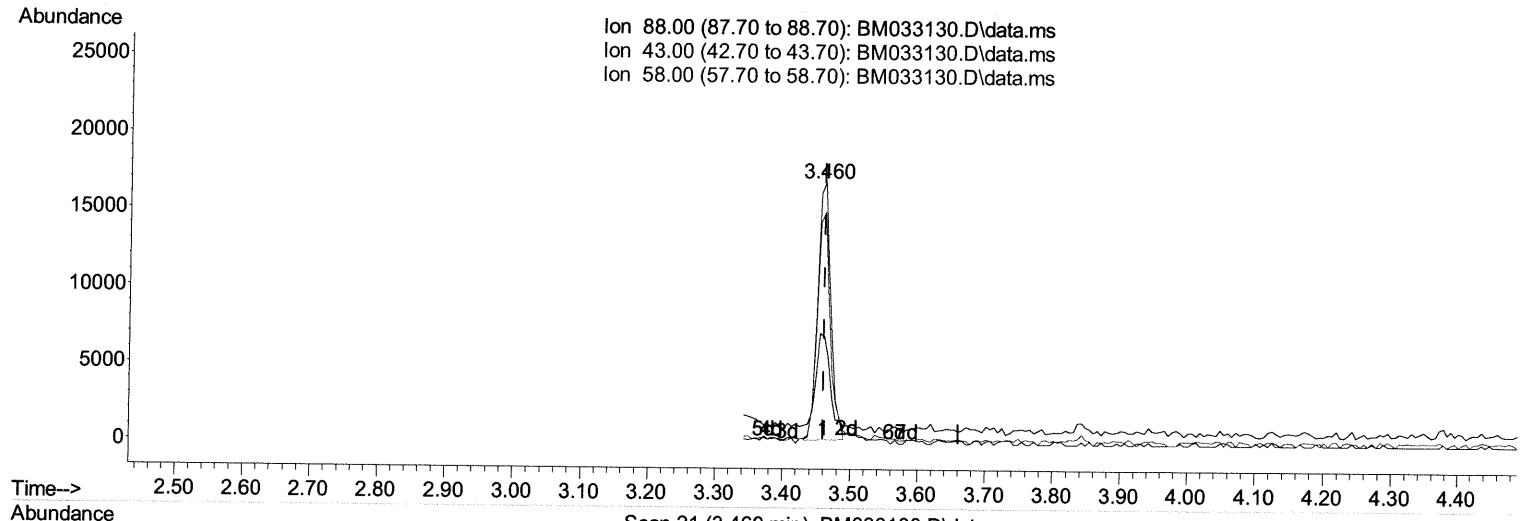

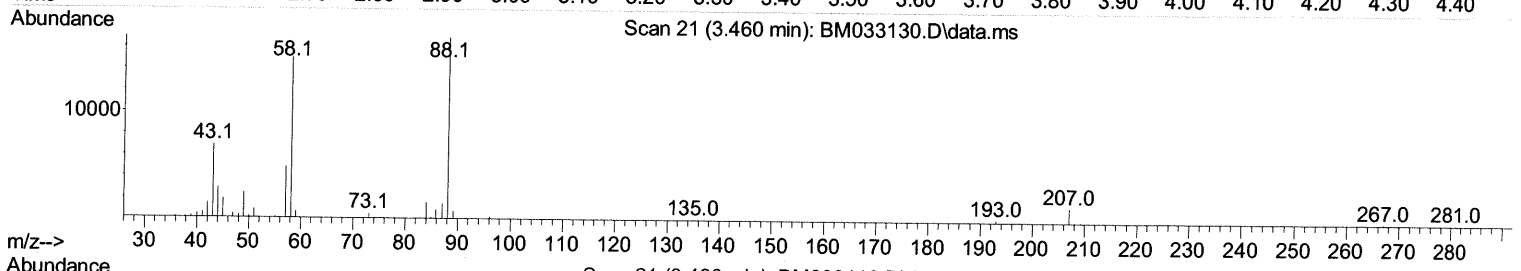

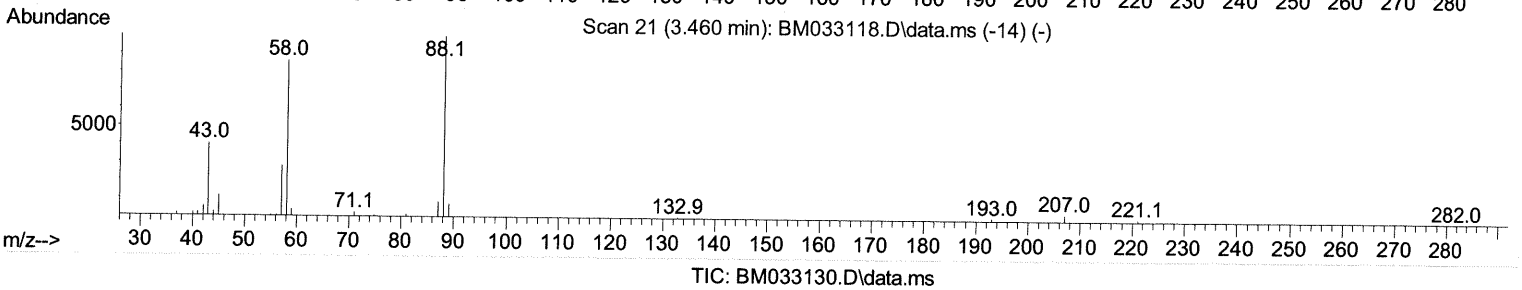

TIC: BM033130.D\data.ms

(2) 1,4-Dioxane

3.460min (+ 0.000) 9.17 ng/uL

response 22673

Ion	Exp%	Act%
88.00	100.00	100.00
43.00	43.60	40.97
58.00	87.50	88.85
0.00	0.00	0.00

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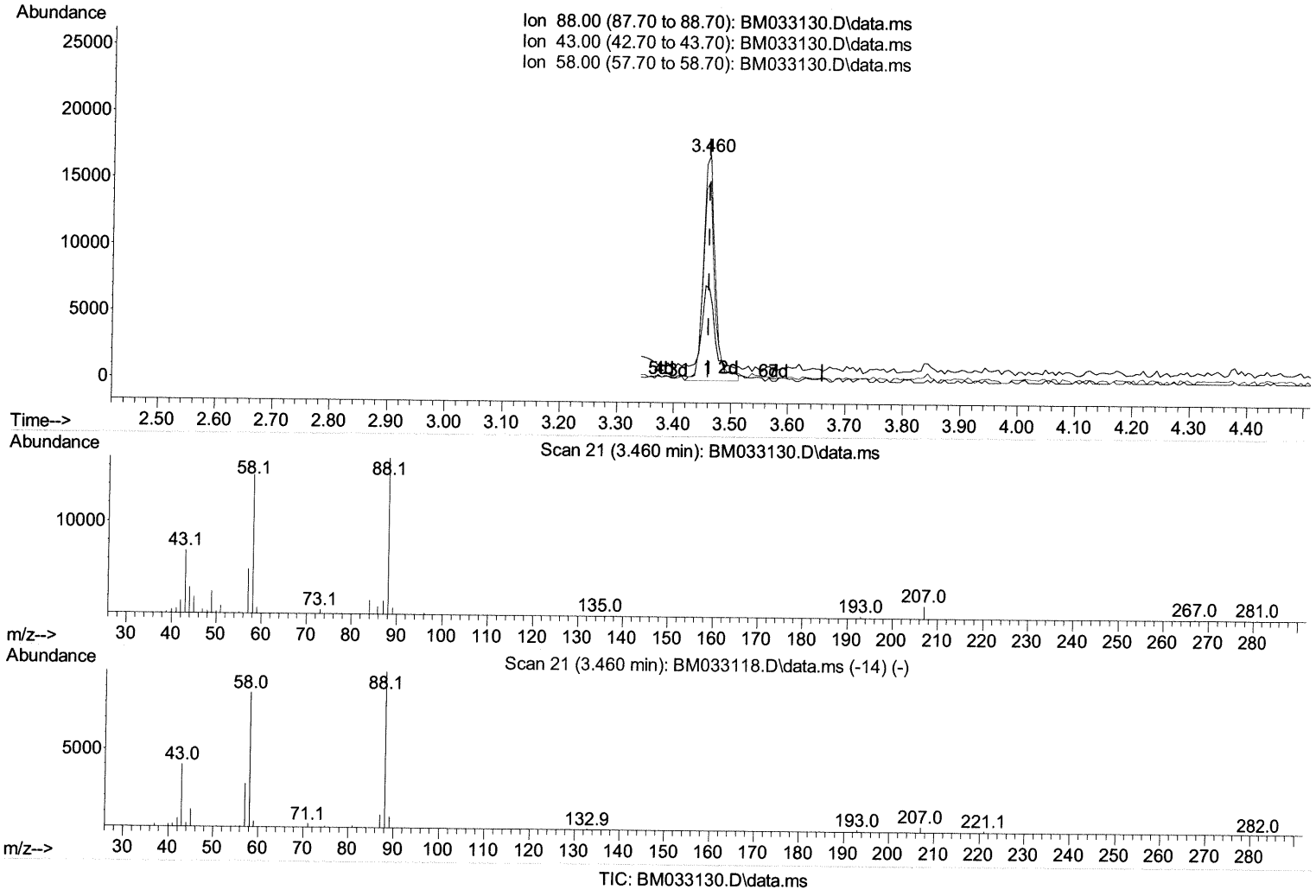

TIC: BM033130.D\data.ms

(2) 1,4-Dioxane

3.460min (+ 0.000) 9.84 ng/uL m 11/29/21 JU

response 24324

Ion	Exp%	Act%
88.00	100.00	100.00
43.00	43.60	40.97
58.00	87.50	88.85
0.00	0.00	0.00

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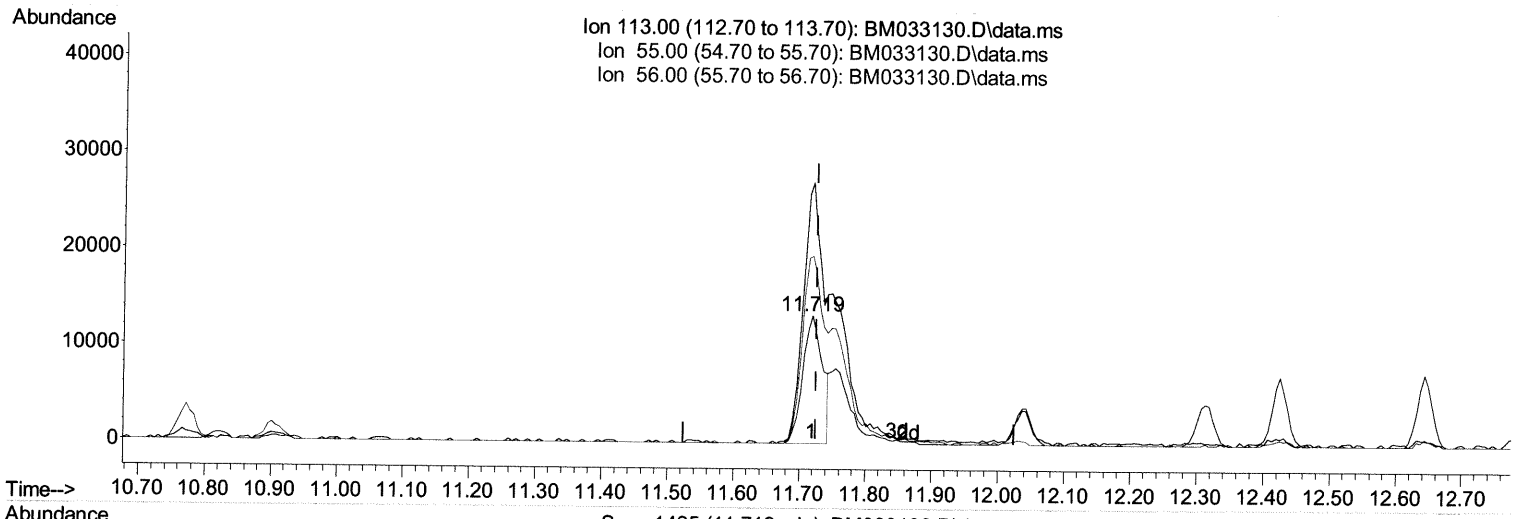

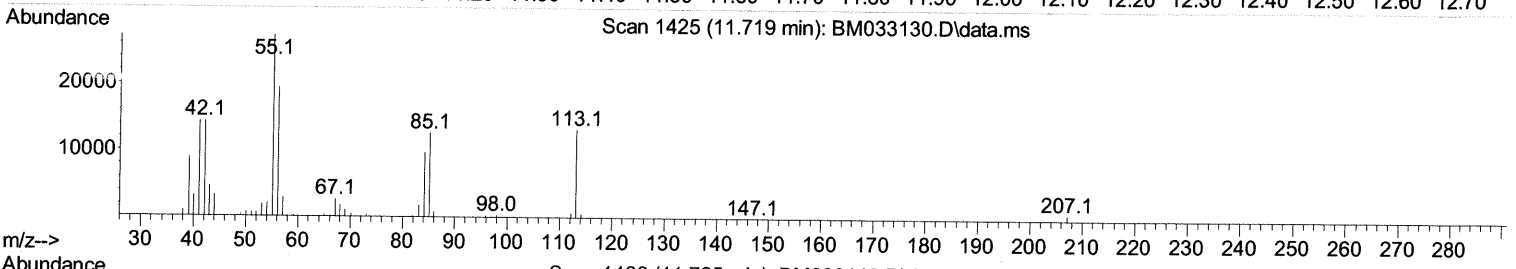

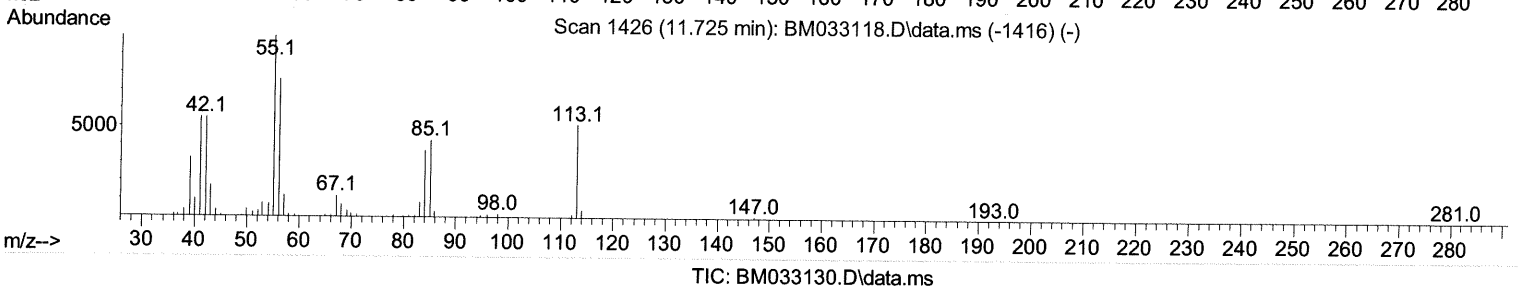

TIC: BM033130.D\data.ms

(34) Caprolactam

11.719min (-0.006) 15.62 ng/ul

response 27964

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	196.60	203.90
56.00	147.80	146.44
0.00	0.00	0.00

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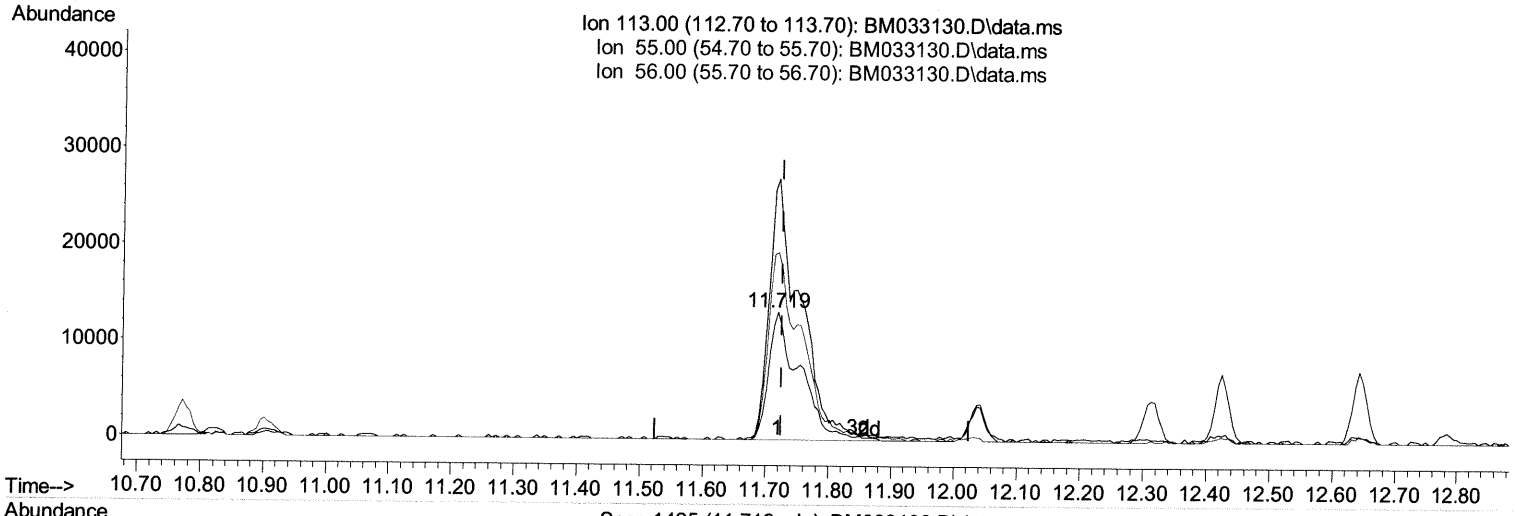

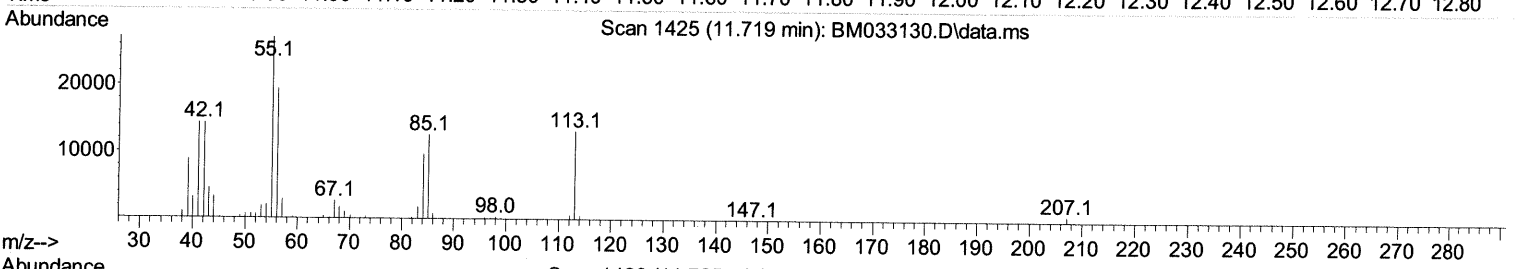

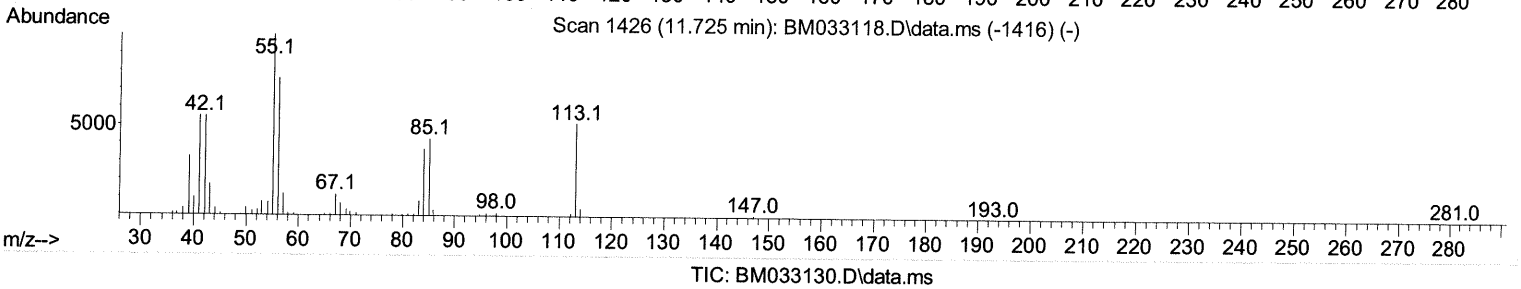

TIC: BM033130.D\data.ms

(34) Caprolactam

11.719min (-0.006) 25.47 ng/ul m 11/29/21 JU

response 45603

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	196.60	203.90
56.00	147.80	146.44
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	7.972	152	93834	20.000	ng/ul	0.00
20) Naphthalene-d8	10.772	136	389989	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.589	164	269208	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.330	188	580622	20.000	ng/ul	0.00
79) Chrysene-d12	21.483	240	568750	20.000	ng/ul	0.00
88) Perylene-d12	23.830	264	561689	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.425	96	11309	4.646	ng/uL	0.00
4) Pyridine-d5	3.843	84	161513	24.090	ng/ul	0.00
7) Phenol-d5	7.125	99	201346	25.368	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.301	67	127316	25.290	ng/ul	0.00
11) 2-Chlorophenol-d4	7.507	132	153798	25.583	ng/ul	0.00
15) 4-Methylphenol-d8	8.672	113	160571	26.068	ng/ul	0.00
21) Nitrobenzene-d5	9.136	128	73077	26.099	ng/ul	0.00
24) 2-Nitrophenol-d4	9.854	143	76112	27.142	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.389	165	166977	26.002	ng/ul	0.00
31) 4-Chloroaniline-d4	10.907	131	196929	23.060	ng/ul	0.00
46) Dimethylphthalate-d6	14.001	166	513845	26.023	ng/ul	0.00
49) Acenaphthylene-d8	14.289	160	641875	25.232	ng/ul	0.00
54) 4-Nitrophenol-d4	14.771	143	83355	25.915	ng/ul	0.00
60) Fluorene-d10	15.577	176	465358	26.271	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.689	200	71669	26.265	ng/ul	0.00
73) Anthracene-d10	17.424	188	726099	25.943	ng/ul	0.00
81) Pyrene-d10	19.706	212	859193	25.564	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.677	264	796202	26.412	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.460	88	24324m>	9.843	ng/uL >	11/29/21 JU
5) Pyridine	3.860	79	165423	24.179	ng/ul	99
6) Benzaldehyde	7.119	77	126220	27.903	ng/ul	99
8) Phenol	7.154	94	204716	25.900	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.395	93	161959	25.795	ng/ul	98
12) 2-Chlorophenol	7.537	128	161509	26.029	ng/ul	99
13) 2-Methylphenol	8.407	108	156368	25.825	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.501	45	263163	27.138	ng/ul	98
16) Acetophenone	8.795	105	257568	26.492	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.784	70	141736	27.057	ng/ul	98
18) 4-Methylphenol	8.731	108	167056	26.319	ng/ul	99
19) Hexachloroethane	9.054	117	74159	26.235	ng/ul	96
22) Nitrobenzene	9.178	77	206392	26.413	ng/ul	98
23) Isophorone	9.707	82	378095	26.473	ng/ul	98
25) 2-Nitrophenol	9.883	139	83843	28.208	ng/ul	96
26) 2,4-Dimethylphenol	9.936	107	207013	26.507	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.178	93	219046	25.772	ng/ul	97
29) 2,4-Dichlorophenol	10.413	162	164278	26.382	ng/ul	96
30) Naphthalene	10.825	128	531584	25.633	ng/ul	99
32) 4-Chloroaniline	10.930	127	197301	22.870	ng/ul	97
33) Hexachlorobutadiene	11.101	225	124061	25.577	ng/ul	99
34) Caprolactam	11.719	113	45603m >	25.473	ng/ul >	11/29/21 JU
35) 4-Chloro-3-methylphenol	12.036	107	183887	27.119	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.425	142	381308	26.537	ng/ul	99
37) 1-Methylnaphthalene	12.642	142	384204	26.193	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.783	216	222999	24.898	ng/ul	99
40) Hexachlorocyclopentadiene	12.766	237	145439	23.077	ng/ul	96
41) 2,4,6-Trichlorophenol	13.024	196	139521	26.450	ng/ul	100
42) 2,4,5-Trichlorophenol	13.095	196	149101	26.361	ng/ul	97
43) 1,1'-Biphenyl	13.430	154	527456	25.147	ng/ul	98
44) 2-Chloronaphthalene	13.472	162	405391	25.062	ng/ul	99
45) 2-Nitroaniline	13.671	65	122426	28.715	ng/ul	95
47) Dimethylphthalate	14.048	163	506845	26.336	ng/ul	99
48) 2,6-Dinitrotoluene	14.166	165	93863	28.505	ng/ul	98
50) Acenaphthylene	14.319	152	660429	25.584	ng/ul	100
51) 3-Nitroaniline	14.495	138	83900	25.288	ng/ul	92
52) Acenaphthene	14.654	153	435500	25.861	ng/ul	99
53) 2,4-Dinitrophenol	14.695	184	43368	25.804	ng/ul	93
55) 4-Nitrophenol	14.789	109	87539	26.647	ng/ul	96
56) Dibenzofuran	14.989	168	645528	26.155	ng/ul	100
57) 2,4-Dinitrotoluene	14.948	165	138062	30.487	ng/ul#	99
58) 2,3,4,6-Tetrachlorophenol	15.207	232	126845	27.474	ng/ul	95
59) Diethylphthalate	15.407	149	534591	27.733	ng/ul	99
61) Fluorene	15.636	166	520141	26.514	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.630	204	272844	26.647	ng/ul	98
63) 4-Nitroaniline	15.648	138	94100	28.844	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.707	198	72152	26.382	ng/ul	100
67) N-Nitrosodiphenylamine	15.842	169	453589	26.561	ng/ul	99
68) 4-Bromophenyl-phenylether	16.518	248	172347	26.692	ng/ul	96
69) Hexachlorobenzene	16.630	284	190569	25.763	ng/ul	97
70) Atrazine	16.789	200	170107	25.779	ng/ul	99
71) Pentachlorophenol	16.971	266	109650	25.645	ng/ul	99
72) Phenanthrene	17.371	178	850473	26.443	ng/ul	98
74) Anthracene	17.459	178	858072	26.604	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.395	216	228040	23.911	ng/uL	97
76) Pentachlorobenzene	14.907	250	226867	24.265	ng/uL	99
77) Carbazole	17.724	167	765352	26.711	ng/ul	99
78) Di-n-butylphthalate	18.289	149	901921	28.787	ng/ul	100
80) Fluoranthene	19.371	202	1018722	25.872	ng/ul	99
82) Pyrene	19.736	202	1040501	26.026	ng/ul	99
83) Butylbenzylphthalate	20.624	149	383042	28.043	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.395	252	307656	24.011	ng/ul	99
85) Benzo(a)anthracene	21.465	228	984603	26.766	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.389	149	550331	28.425	ng/ul	99
87) Chrysene	21.518	228	957115	26.643	ng/ul	99
89) Di-n-octyl phthalate	22.300	149	929500	27.159	ng/ul	100
90) Benzo(b)fluoranthene	23.118	252	1026976	27.148	ng/ul	98
91) Benzo(k)fluoranthene	23.165	252	912577	26.334	ng/ul	99
93) Benzo(a)pyrene	23.730	252	953024	26.657	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.241	276	1050728	26.392	ng/ul	97
95) Dibenzo(a,h)anthracene	26.253	278	902094	26.485	ng/ul	98
96) Benzo(g,h,i)perylene	26.977	276	914759	26.473	ng/ul	97

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