Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050721\
Data File : BM029881.D
Acq On : 07 May 2021 17:56
Operator : CG/JU
Sample : M2129-02MS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: May 07 18:41:43 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050721.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 07 13:53:15 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
E0AB9MS

Manual Integrations APPROVED
mohammad
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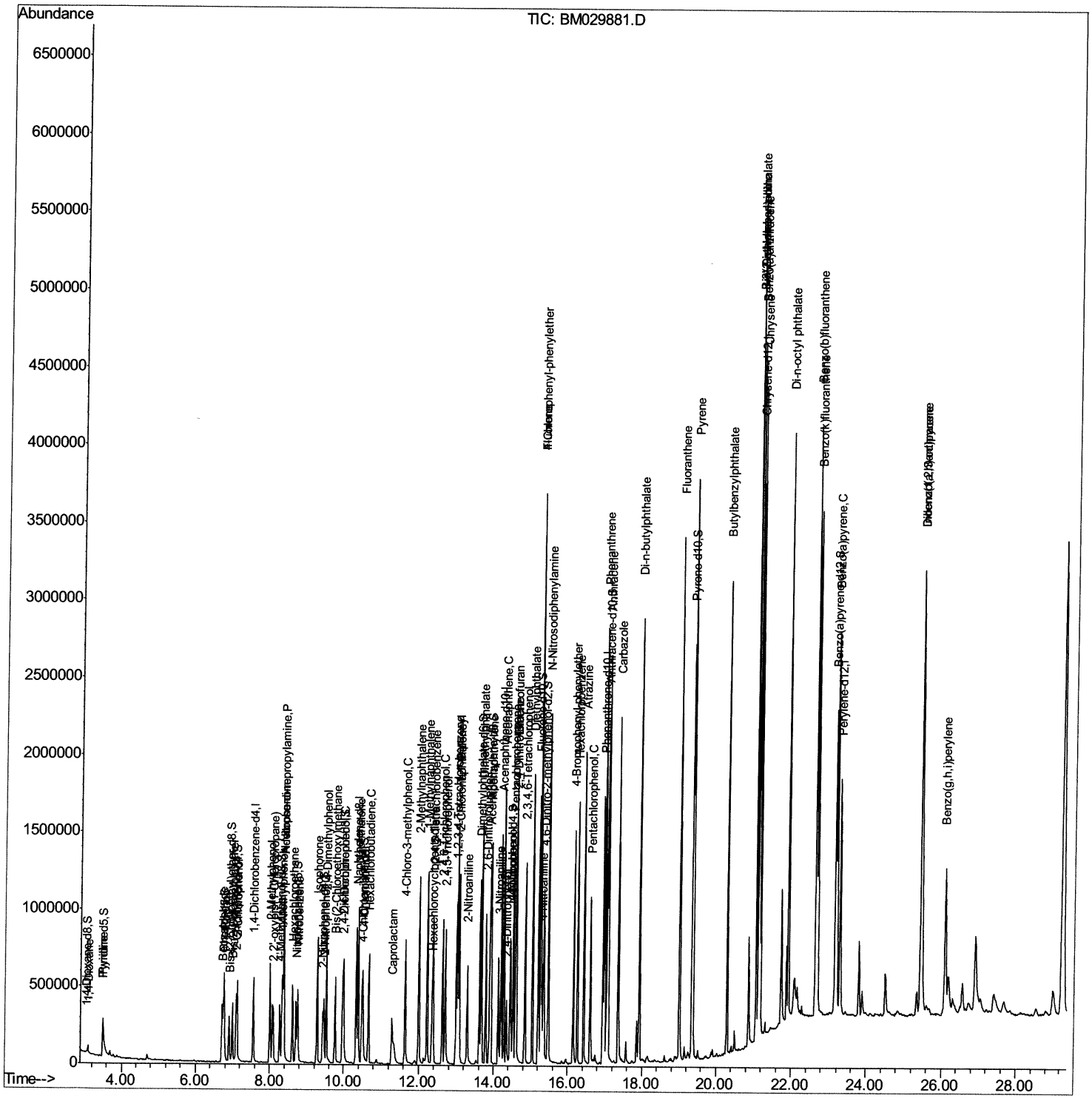

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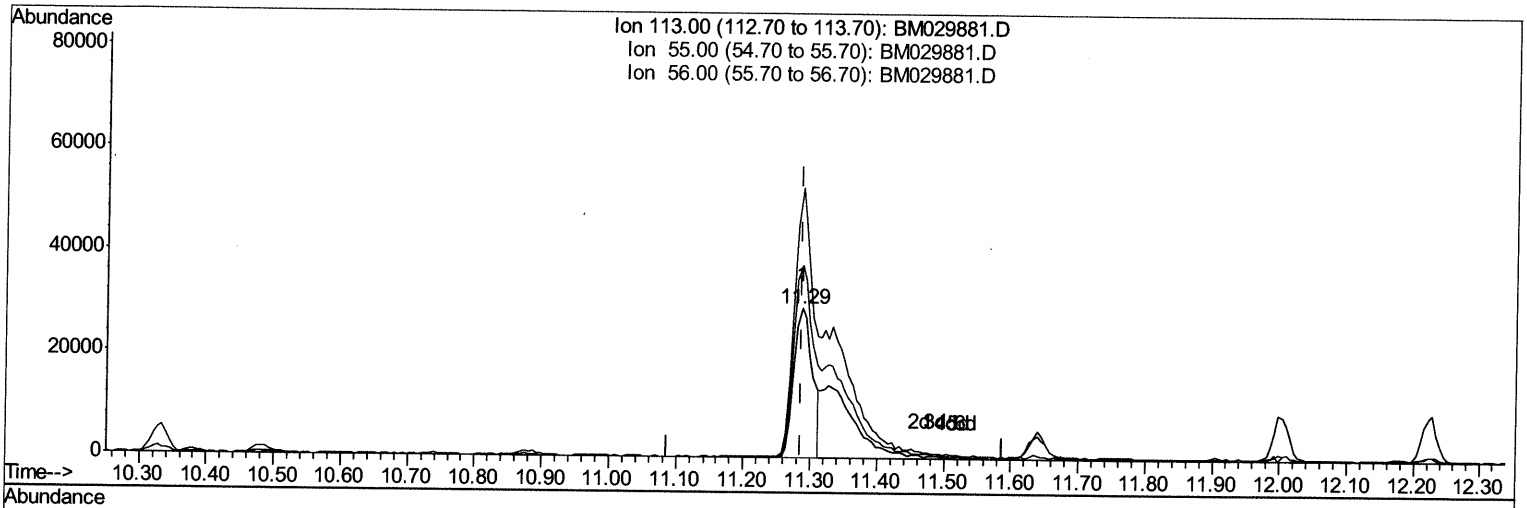

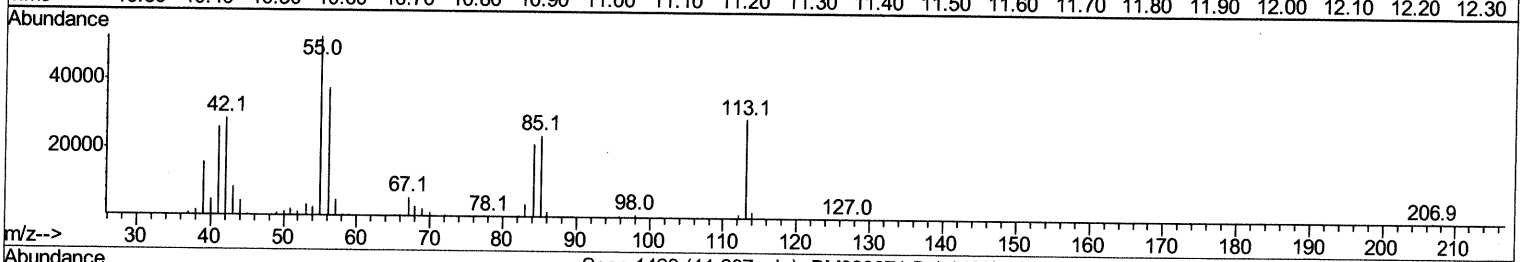

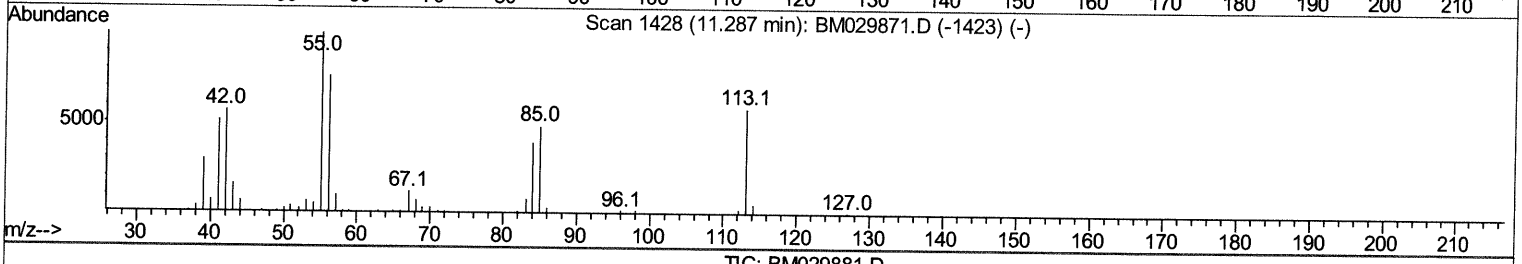

TIC: BM029881.D

(34) Caprolactam

11.286min (-0.000) 14.35ng/ul

response 55597

Ion	Exp%	Act%
113.00	100	100
55.00	173.60	180.77
56.00	131.80	128.70
0.00	0.00	0.00

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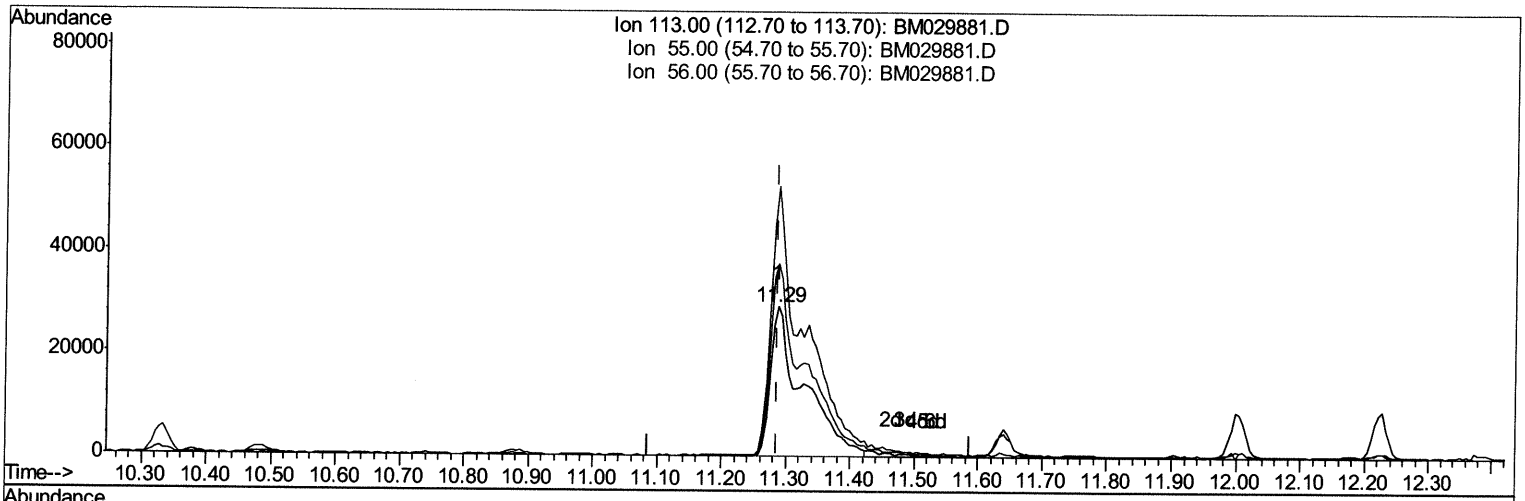

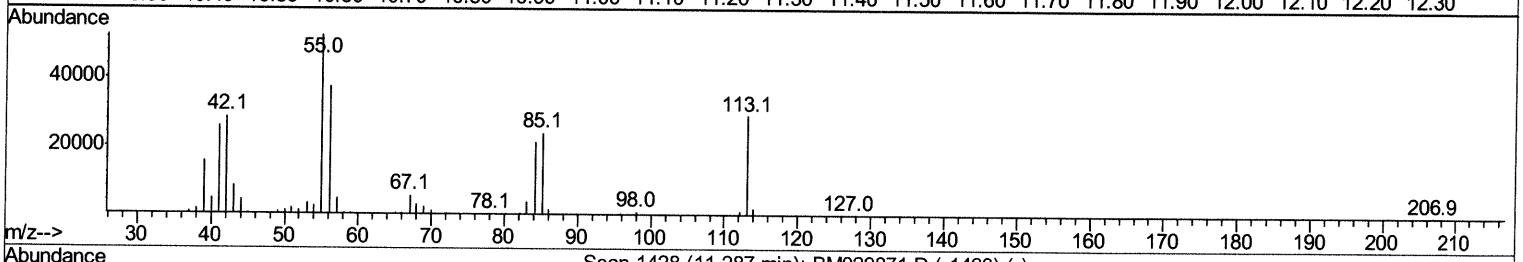

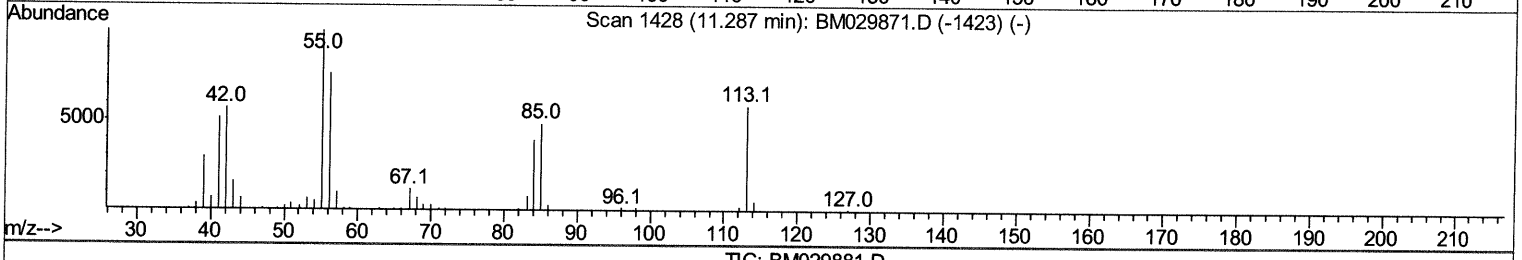

TIC: BM029881.D

(34) Caprolactam

11.286min (-0.000) 27.02ng/ul m 05/11/21 JU

response 104734

Ion	Exp%	Act%
113.00	100	100
55.00	173.60	180.77
56.00	131.80	128.70
0.00	0.00	0.00

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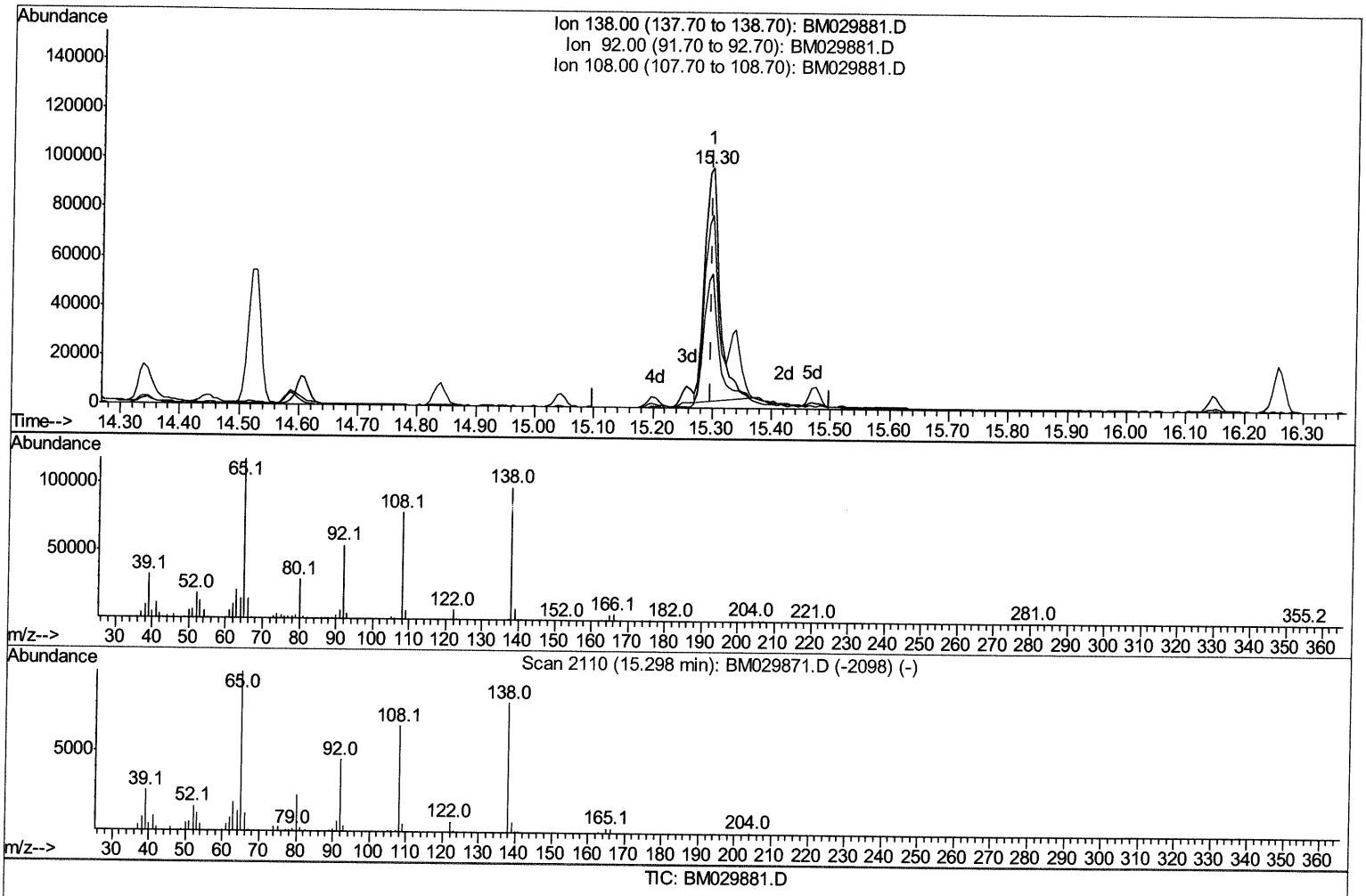

TIC: BM029881.D

(63) 4-Nitroaniline

15.298min (-0.000) 22.90ng/ul

response 167877

Ion	Exp%	Act%
138.00	100	100
92.00	56.00	55.74
108.00	81.60	80.67
0.00	0.00	0.00

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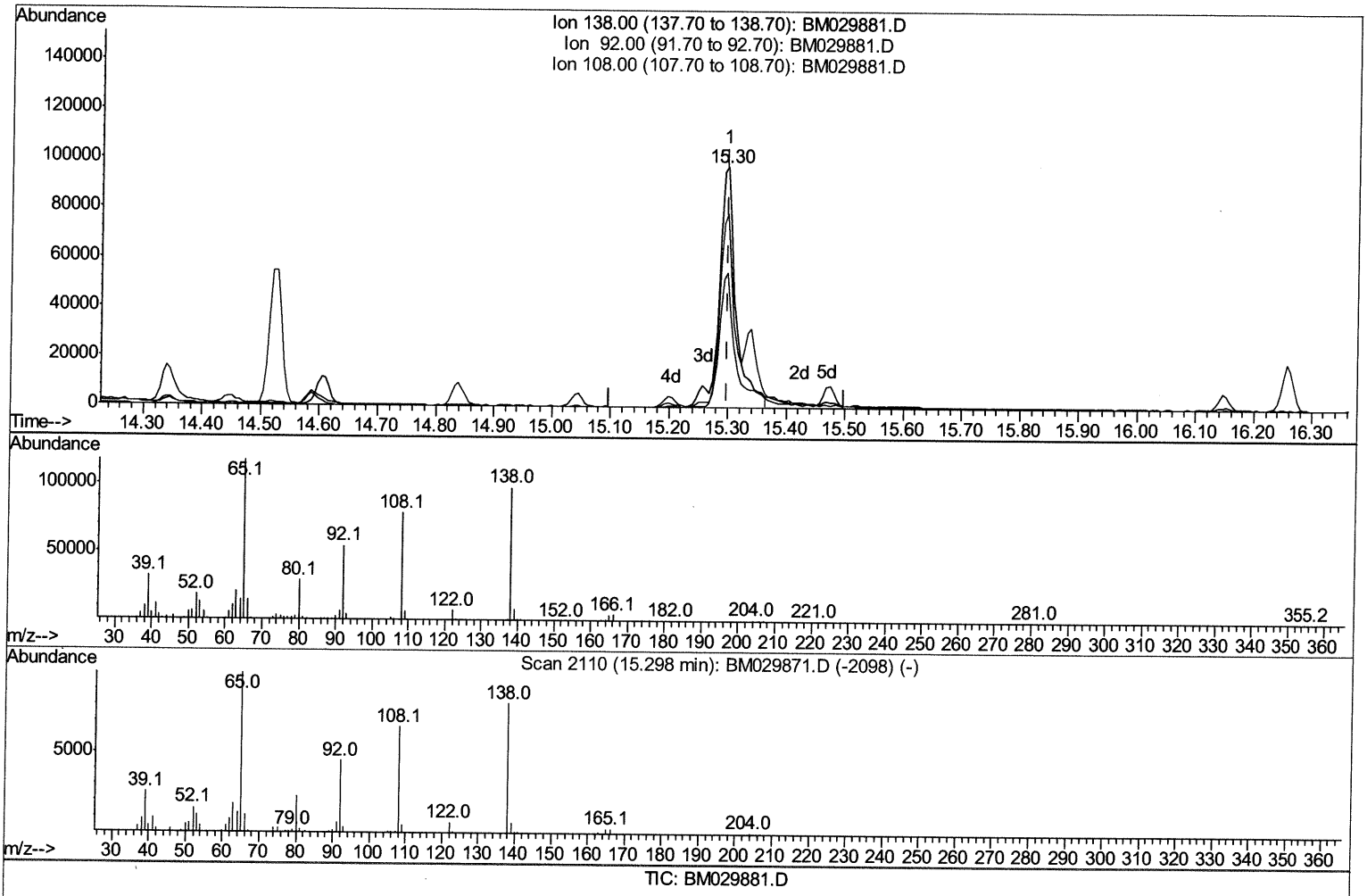

TIC: BM029881.D

(63) 4-Nitroaniline

15.298min (-0.000) 26.99ng/ul m 05/11/21 JU

response 197922

Ion	Exp%	Act%
138.00	100	100
92.00	56.00	55.74
108.00	81.60	80.67
0.00	0.00	0.00

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Misc :
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Instrument :
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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	154253	20.00	ng/ul	0.00
20) Naphthalene-d8	10.33	136	712996	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.20	164	472598	20.00	ng/ul	0.00
64) Phenanthrene-d10	16.95	188	987715	20.00	ng/ul	0.00
79) Chrysene-d12	21.14	240	1069649	20.00	ng/ul	0.00
88) Perylene-d12	23.29	264	1009346	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.07	96	12284	3.18	ng/uL	0.00
4) Pyridine-d5	3.49	84	85351	8.83	ng/ul	0.00
7) Phenol-d5	6.74	99	210816	14.70	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	6.90	67	143711	16.16	ng/ul	0.00
11) 2-Chlorophenol-d4	7.09	132	186091	16.81	ng/ul	0.00
15) 4-Methylphenol-d8	8.27	113	141584	11.93	ng/ul	0.00
21) Nitrobenzene-d5	8.71	128	92979	18.92	ng/ul	0.00
24) 2-Nitrophenol-d4	9.43	143	102055	18.40	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.96	165	202429	18.20	ng/ul	0.00
31) 4-Chloroaniline-d4	10.48	131	231734	13.69	ng/ul	0.00
46) Dimethylphthalate-d6	13.63	166	784209	21.41	ng/ul	0.00
49) Acenaphthylene-d8	13.89	160	882912	19.02	ng/ul	0.00
54) 4-Nitrophenol-d4	14.43	143	110878	18.58	ng/ul	0.00
60) Fluorene-d10	15.20	176	656885	21.12	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.34	200	148626	23.17	ng/ul	0.00
73) Anthracene-d10	17.05	188	1174231	23.61	ng/ul	0.00
81) Pyrene-d10	19.34	212	1389183	25.32	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.16	264	1363640	23.83	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.10	88	29423	7.039	ng/uL	95
5) Pyridine	3.50	79	150144	15.137	ng/ul	92
6) Benzaldehyde	6.71	77	140291	18.946	ng/ul	98
8) Phenol	6.77	94	301517	20.588	ng/ul	98
10) Bis(2-Chloroethyl)ether	6.99	93	220449	19.037	ng/ul	99
12) 2-Chlorophenol	7.12	128	228070	20.199	ng/ul	100
13) 2-Methylphenol	8.01	108	222136	20.019	ng/ul	98
14) 2,2'-oxybis(1-Chloropropan	8.09	45	347340	19.913	ng/ul	99
16) Acetophenone	8.38	105	375645	19.731	ng/ul	99
17) N-Nitroso-di-n-propylamine	8.37	70	202078	20.746	ng/ul	99
18) 4-Methylphenol	8.33	108	248344	20.188	ng/ul	100
19) Hexachloroethane	8.62	117	96770	20.286	ng/ul	98
22) Nitrobenzene	8.76	77	274477	21.438	ng/ul	98
23) Isophorone	9.27	82	576666	21.294	ng/ul	99
25) 2-Nitrophenol	9.46	139	128864	21.403	ng/ul	99
26) 2,4-Dimethylphenol	9.53	107	285145	20.989	ng/ul	98
27) Bis(2-Chloroethoxy)methane	9.76	93	325019	20.491	ng/ul	98
29) 2,4-Dichlorophenol	9.99	162	225943	20.689	ng/ul	98
30) Naphthalene	10.38	128	796132	20.117	ng/ul	100
32) 4-Chloroaniline	10.50	127	299928	17.204	ng/ul	97
33) Hexachlorobutadiene	10.66	225	140802	19.230	ng/ul	97
34) Caprolactam	11.29	113	104734m	> 27.023	ng/ul	>

05/11/21 JU

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 4-Chloro-3-methylphenol	11.64	107	293263	24.266 ng/ul	99
36) 2-Methylnaphthalene	12.00	142	586109	20.416 ng/ul	98
37) 1-Methylnaphthalene	12.22	142	574929	20.208 ng/ul	98
39) 1,2,4,5-Tetrachlorobenzene	12.38	216	295862	20.259 ng/ul	99
40) Hexachlorocyclopentadiene	12.35	237	98912	13.039 ng/ul	98
41) 2,4,6-Trichlorophenol	12.63	196	206297	23.165 ng/ul	99
42) 2,4,5-Trichlorophenol	12.70	196	237677	25.217 ng/ul	99
43) 1,1'-Biphenyl	13.03	154	766144	20.854 ng/ul	99
44) 2-Chloronaphthalene	13.07	162	602873	21.383 ng/ul	99
45) 2-Nitroaniline	13.29	65	197538	27.721 ng/ul	99
47) Dimethylphthalate	13.67	163	974252	26.561 ng/ul	99
48) 2,6-Dinitrotoluene	13.79	165	179163	27.209 ng/ul	97
50) Acenaphthylene	13.92	152	950774	21.177 ng/ul	98
51) 3-Nitroaniline	14.13	138	182402	24.659 ng/ul	99
52) Acenaphthene	14.27	153	690445	21.760 ng/ul	99
53) 2,4-Dinitrophenol	14.34	184	95678	21.356 ng/ul	98
55) 4-Nitrophenol	14.45	109	125121	27.275 ng/ul	95
56) Dibenzofuran	14.60	168	984839	22.661 ng/ul	98
57) 2,4-Dinitrotoluene	14.59	165	290613	29.826 ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	14.84	232	240705	26.820 ng/ul	98
59) Diethylphthalate	15.05	149	1029373	26.907 ng/ul	100
61) Fluorene	15.26	166	882557	23.755 ng/ul	100
62) 4-Chlorophenyl-phenylether	15.26	204	421409	23.083 ng/ul	98
63) 4-Nitroaniline	15.30	138	197922m>	26.993 ng/ul>	05/11/21 JU
66) 4,6-Dinitro-2-methylphenol	15.35	198	168176	26.635 ng/ul	98
67) N-Nitrosodiphenylamine	15.47	169	831409	25.912 ng/ul	100
68) 4-Bromophenyl-phenylether	16.15	248	276969	25.192 ng/ul	99
69) Hexachlorobenzene	16.26	284	344262	26.369 ng/ul	95
70) Atrazine	16.43	200	322194	27.217 ng/ul	98
71) Pentachlorophenol	16.61	266	187059	25.005 ng/ul	100
72) Phenanthrene	16.99	178	1596417	27.411 ng/ul	100
74) Anthracene	17.09	178	1633579	27.436 ng/ul	99
75) 1,2,3,4-Tetrachlorobenzene	12.99	216	301259	19.282 ng/uL	98
76) Pentachlorobenzene	14.53	250	321779	21.596 ng/uL	99
77) Carbazole	17.36	167	1492627	27.360 ng/ul	99
78) Di-n-butylphthalate	17.93	149	1954531	30.185 ng/ul	100
80) Fluoranthene	19.02	202	2017338	30.208 ng/ul	100
82) Pyrene	19.37	202	2090222	29.742 ng/ul	99
83) Butylbenzylphthalate	20.29	149	859367	34.408 ng/ul	98
84) 3,3'-Dichlorobenzidine	21.06	252	397598	16.339 ng/ul	98
85) Benzo(a)anthracene	21.12	228	2047859	29.344 ng/ul	100
86) Bis(2-ethylhexyl)phthalate	21.06	149	1385668	32.177 ng/ul	99
87) Chrysene	21.17	228	1998947	28.758 ng/ul	99
89) Di-n-octyl phthalate	21.92	149	2349144	30.414 ng/ul	100
90) Benzo(b)fluoranthene	22.65	252	2043179	31.207 ng/ul	100
91) Benzo(k)fluoranthene	22.69	252	1947946	28.300 ng/ul	99
93) Benzo(a)pyrene	23.20	252	1696691	28.534 ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.45	276	1900067	26.401 ng/ul	99
95) Dibenzo(a,h)anthracene	25.46	278	1585945	25.997 ng/ul	99
96) Benzo(g,h,i)perylene	26.10	276	1115936	19.138 ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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