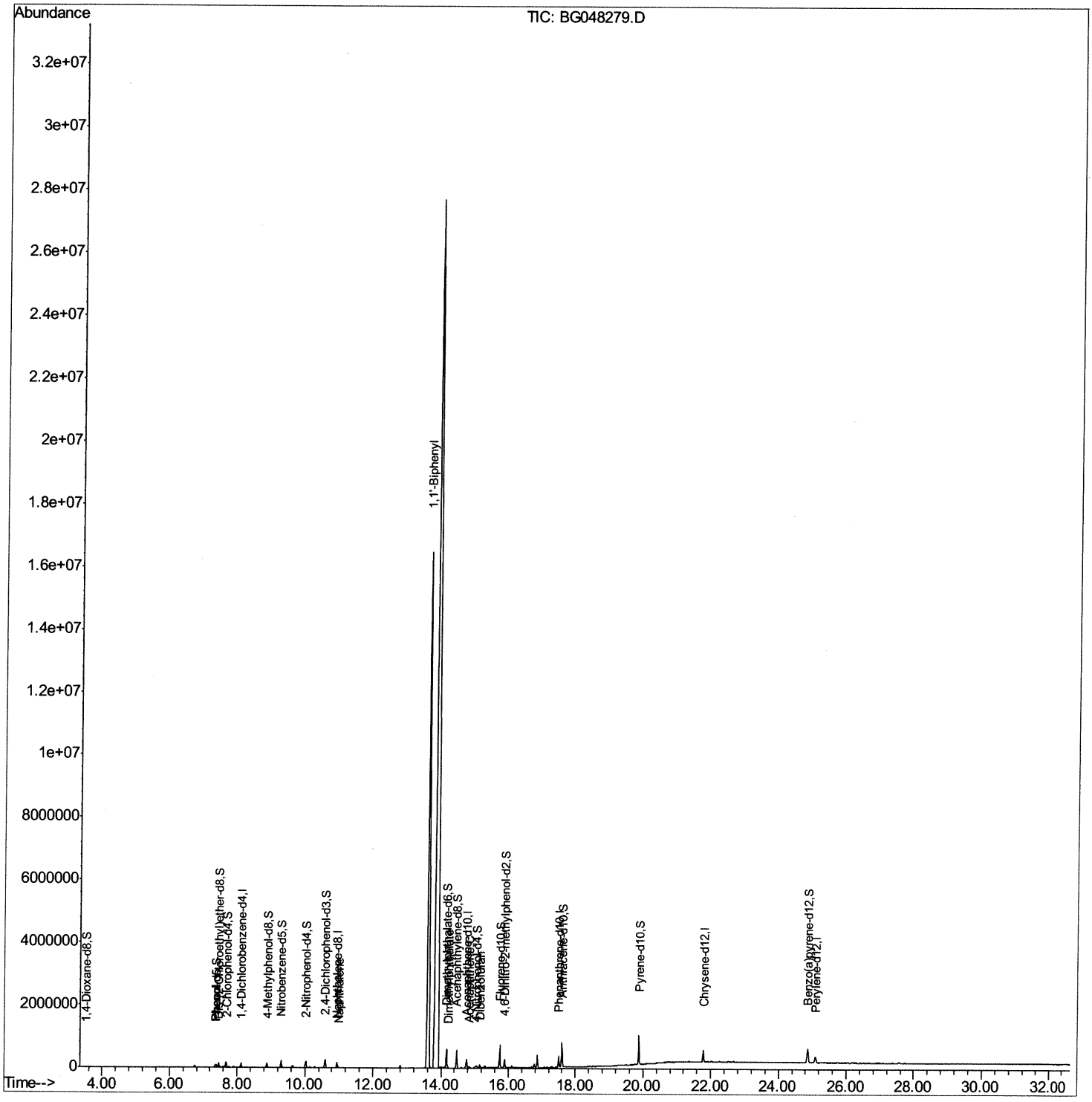
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022221\
Data File : BG048279.D
Acq On : 22 Feb 2021 22:07
Operator : CG/JU
Sample : M1429-13
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Feb 23 01:25:12 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG021321MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Feb 22 11:08:29 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
DBGS8

Manual Integrations APPROVED
mohammad
2/23/2021 3:43:00 PM



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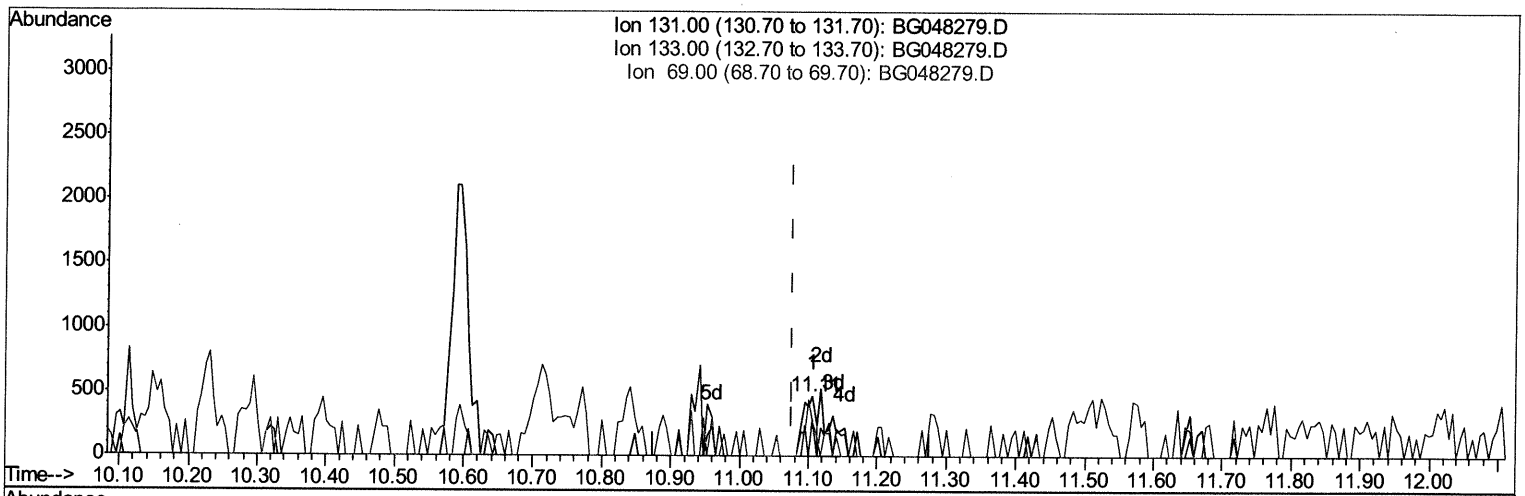

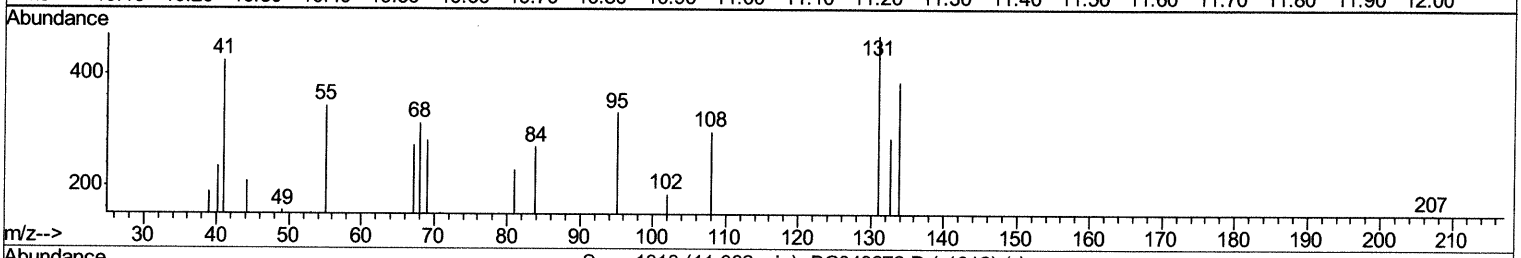

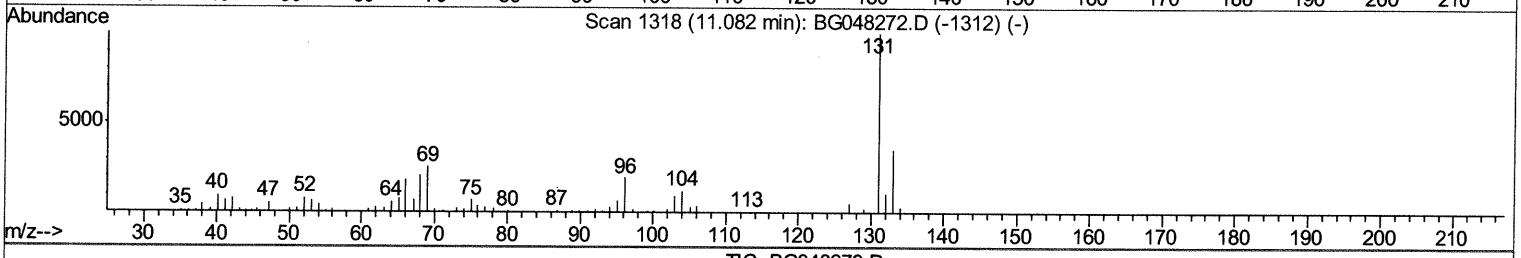

TIC: BG048279.D

(29) 4-Chloroaniline-d4 (S)

11.106min (+0.030) 0.26ng/ul

response 620

Ion	Exp%	Act%
131.00	100	100
133.00	31.20	60.77#
69.00	22.50	59.91#
0.00	0.00	0.00

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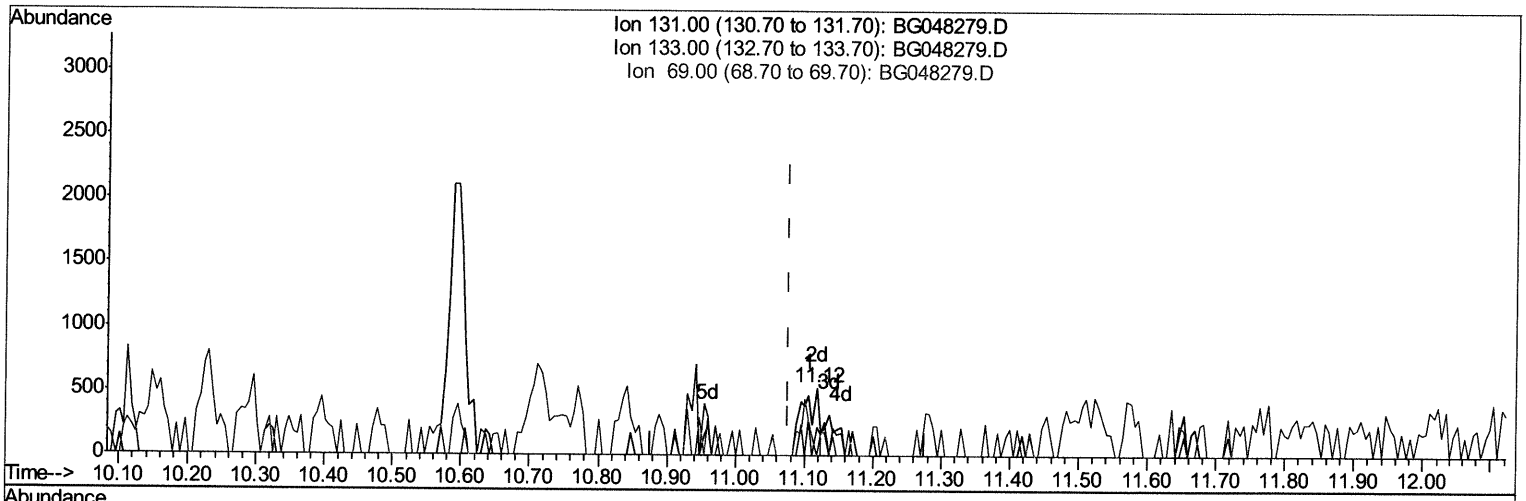

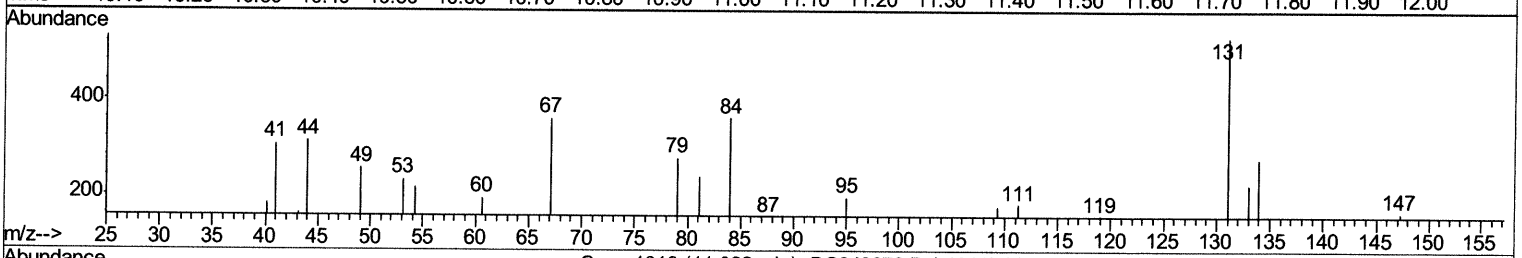

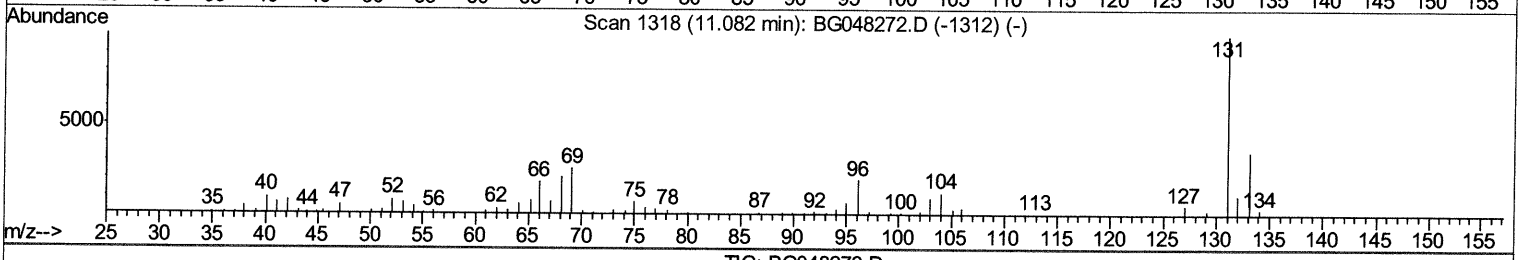

TIC: BG048279.D

(29) 4-Chloroaniline-d4 (S)

11.118min (+0.042) 0.36ng/ul m 02/24/21JU

response 872

Ion	Exp%	Act%
131.00	100	100
133.00	31.20	41.89#
69.00	22.50	0.00#
0.00	0.00	0.00

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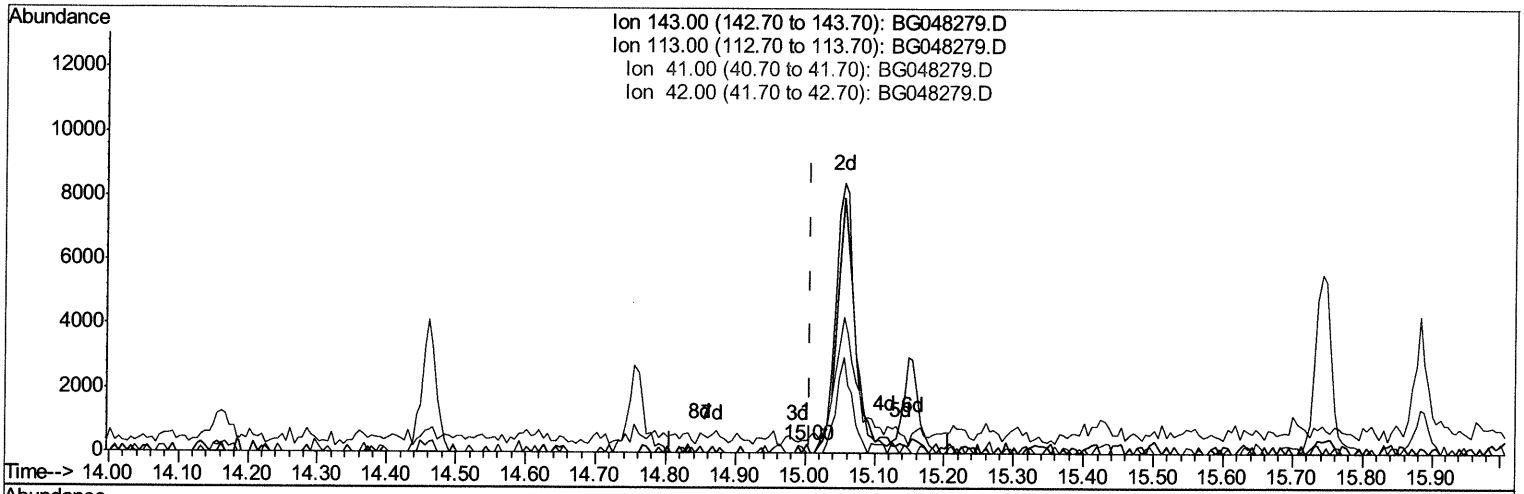

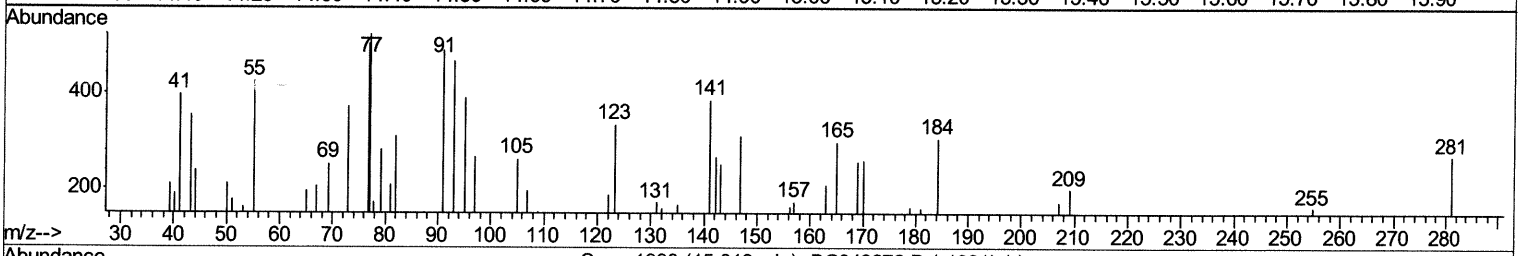

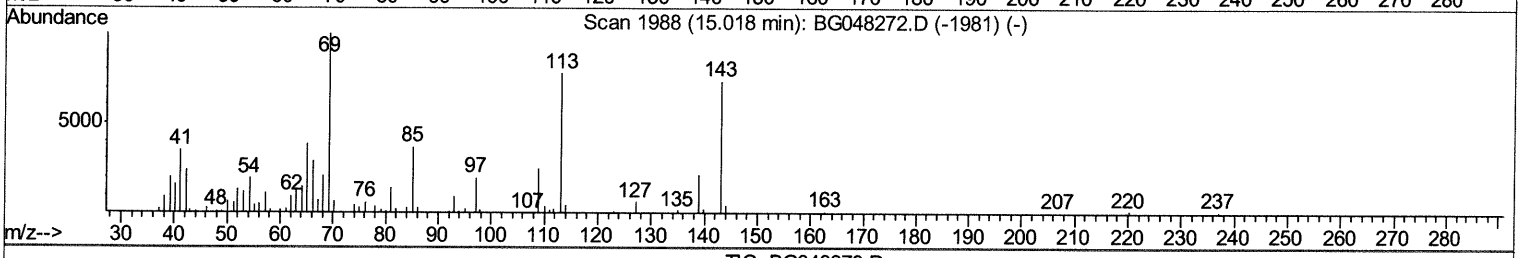

TIC: BG048279.D

(52) 4-Nitrophenol-d4 (S)

15.002min (-0.005) 0.07ng/ul

response 88

Ion	Exp%	Act%
143.00	100	100
113.00	101.70	0.00#
41.00	46.20	157.77#
42.00	27.90	0.00#

Quantitation Report (Qedit)

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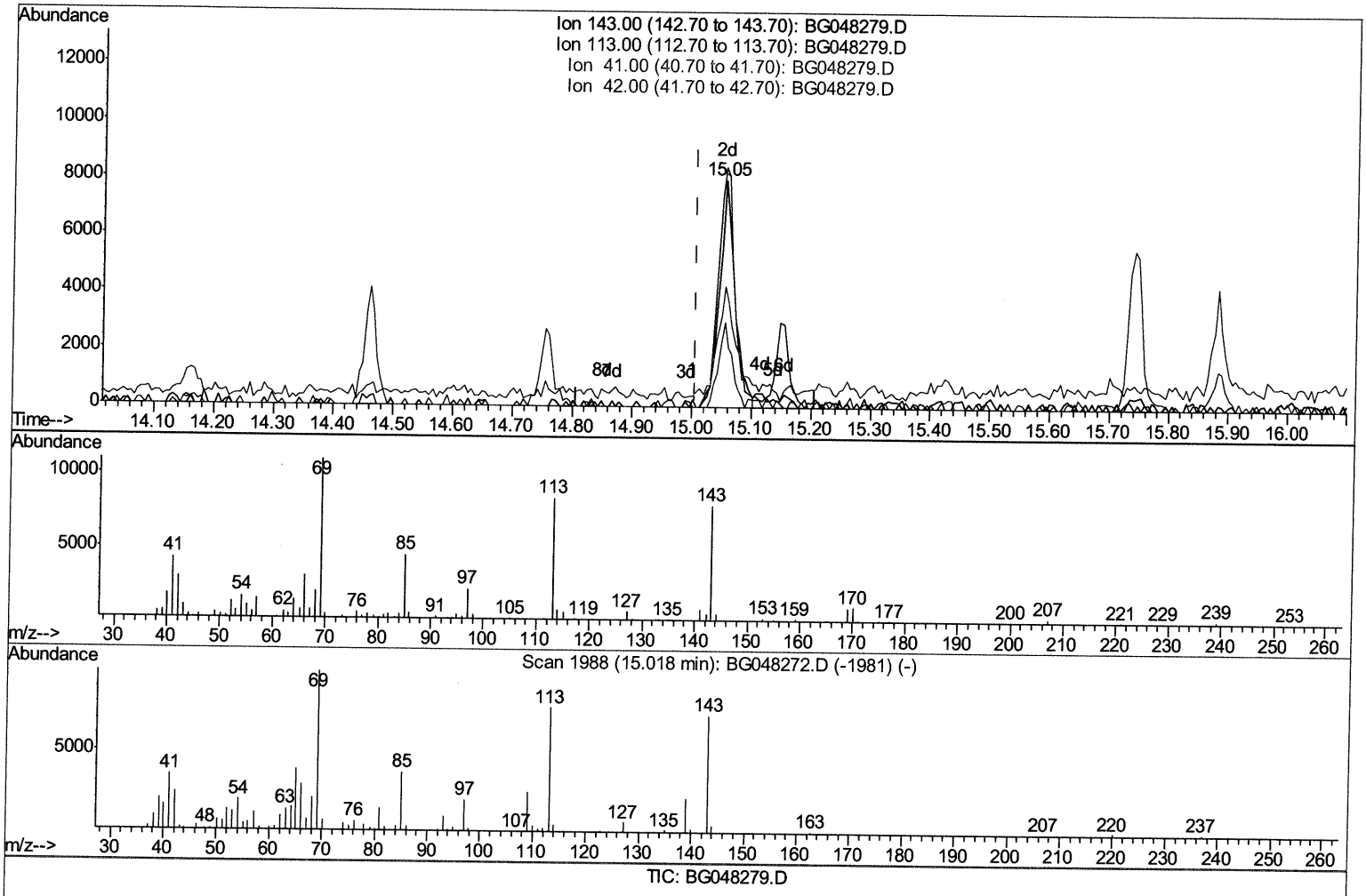

TIC: BG048279.D

(52) 4-Nitrophenol-d4 (S)

15.054min (+0.048) 11.77ng/ul m 02/24/21 JU

response 14157

Ion	Exp%	Act%
143.00	100	100
113.00	101.70	105.50
41.00	46.20	53.14
42.00	27.90	37.29#

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	35118	20.00	ng/ul	0.00
18) Naphthalene-d8	10.94	136	136666	20.00	ng/ul	0.01
36) Acenaphthene-d10	14.76	164	95535	20.00	ng/ul	0.02
62) Phenanthrene-d10	17.50	188	220908	20.00	ng/ul	0.01
78) Chrysene-d12	21.78	240	228243	20.00	ng/ul	0.01
86) Perylene-d12	25.09	264	220948	20.00	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.52	96	4026	4.77	ng/uL	0.00
5) Phenol-d5	7.35	99	30946	10.46	ng/ul	0.04
7) Bis-(2-Chloroethyl)ether-d	7.45	67	68843	39.06	ng/ul	0.01
9) 2-Chlorophenol-d4	7.67	132	69895	33.65	ng/ul	0.02
13) 4-Methylphenol-d8	8.89	113	53823	23.19	ng/ul	0.04
19) Nitrobenzene-d5	9.30	128	44788	43.88	ng/ul	0.02
22) 2-Nitrophenol-d4	10.03	143	55587	45.02	ng/ul	0.02
26) 2,4-Dichlorophenol-d3	10.59	165	96826	40.04	ng/ul	0.02
29) 4-Chloroaniline-d4	11.12	131	872m >	0.36	ng/ul>	0.04 02/24/21 JU
44) Dimethylphthalate-d6	14.16	166	317441	44.86	ng/ul	0.02
47) Acenaphthylene-d8	14.46	160	396924	45.89	ng/ul	0.02
52) 4-Nitrophenol-d4	15.05	143	14157m >	11.77	ng/ul>	0.05 02/24/21 JU
58) Fluorene-d10	15.75	176	298436	47.28	ng/ul	0.01
63) 4,6-Dinitro-2-methylphenol	15.89	200	56292	41.56	ng/ul	0.02
71) Anthracene-d10	17.60	188	464126	49.00	ng/ul	0.01
79) Pyrene-d10	19.88	212	526886	46.23	ng/ul	0.01
90) Benzo(a)pyrene-d12	24.87	264	540793	47.98	ng/ul	0.03
Target Compounds						Qvalue
6) Phenol	7.38	94	42391	13.876	ng/ul	94
28) Naphthalene	10.98	128	19979	2.898	ng/ul#	94
41) 1,1'-Biphenyl	13.63	154	8001723	1220.973	ng/ul#	27
45) Dimethylphthalate	14.21	163	11027	1.507	ng/ul#	99
50) Acenaphthene	14.82	153	11246	1.937	ng/ul	95
54) Dibenzofuran	15.15	168	67912	8.014	ng/ul	100

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