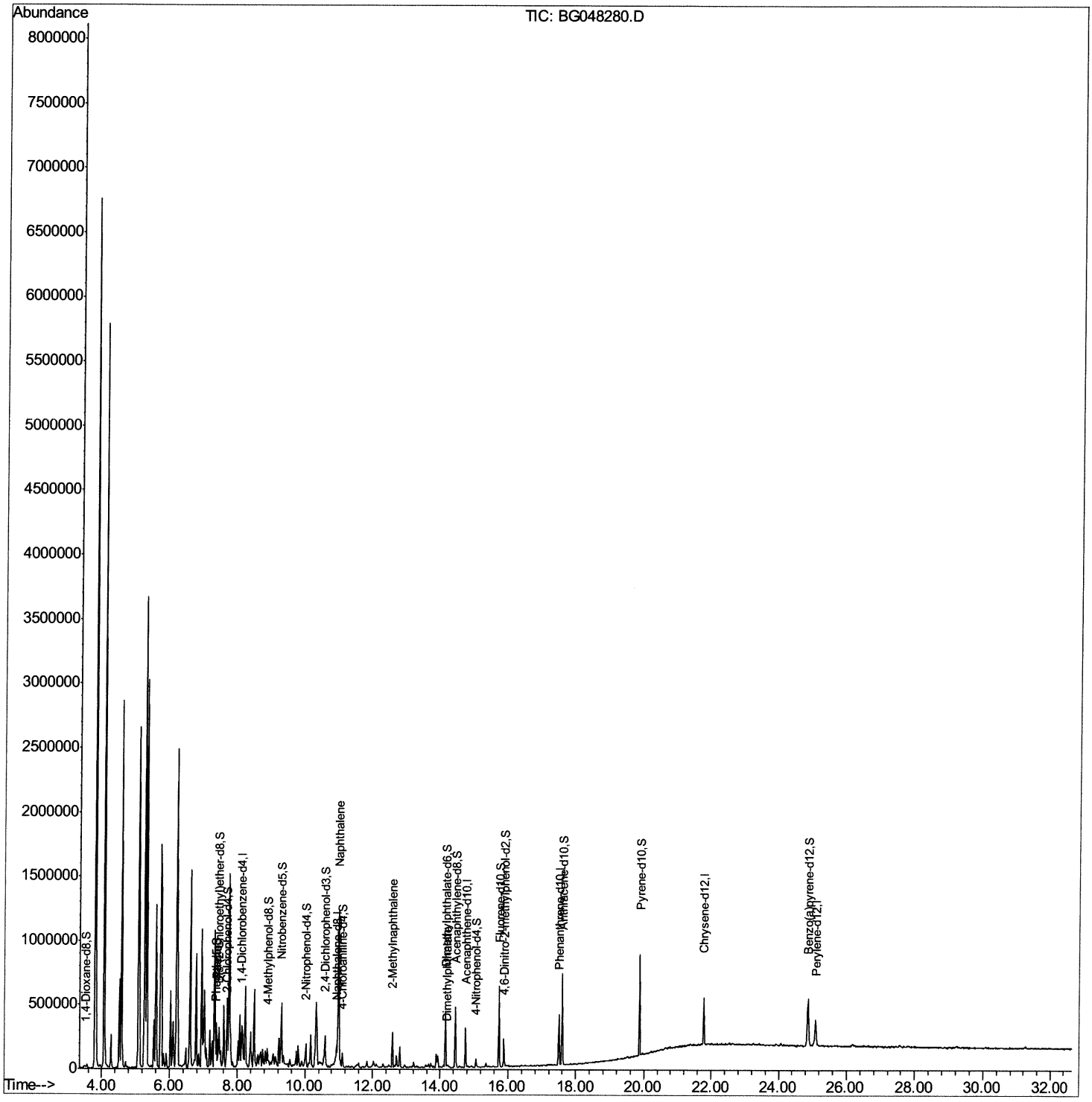
Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022221\
Data File : BG048280.D
Acq On : 22 Feb 2021 22:48
Operator : CG/JU
Sample : M1429-14
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Feb 23 06:36:14 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 :
DBGT0

Manual Integrations APPROVED
mohammad
2/23/2021 3:43:05 PM



Quantitation Report (Qedit)

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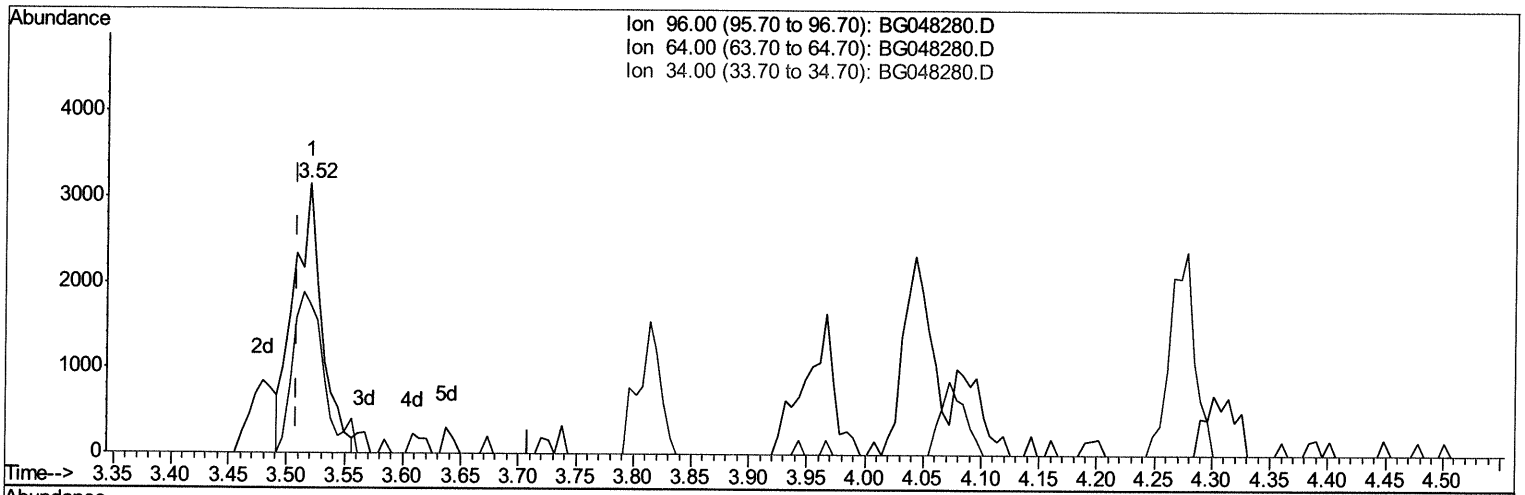

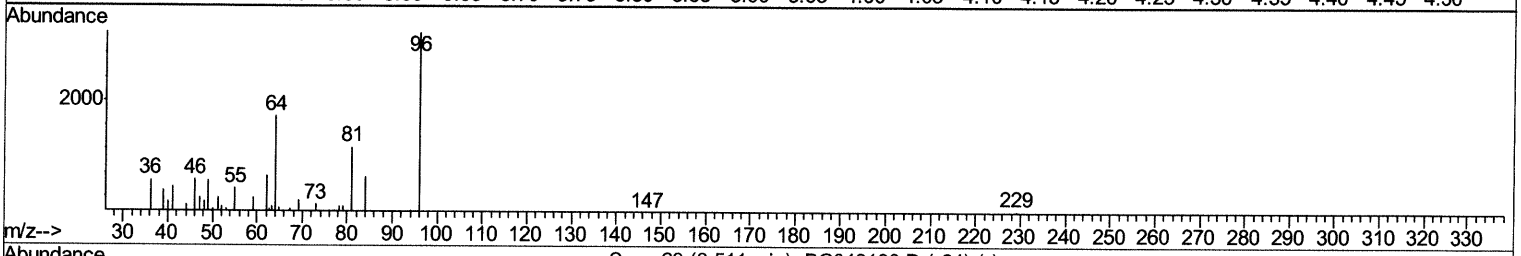

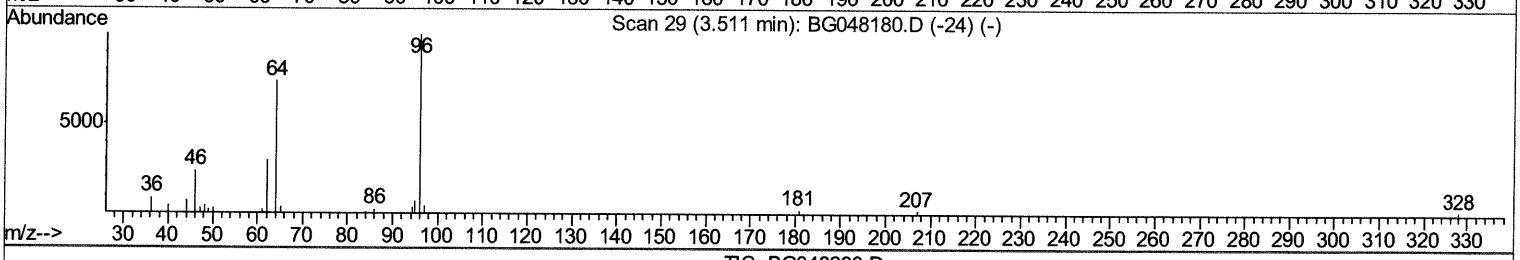

TIC: BG048280.D

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

3.520min (+0.012) 6.44ng/uL

response 5290

Ion	Exp%	Act%
96.00	100	100
64.00	92.40	55.54#
34.00	0.00	0.00
0.00	0.00	0.00

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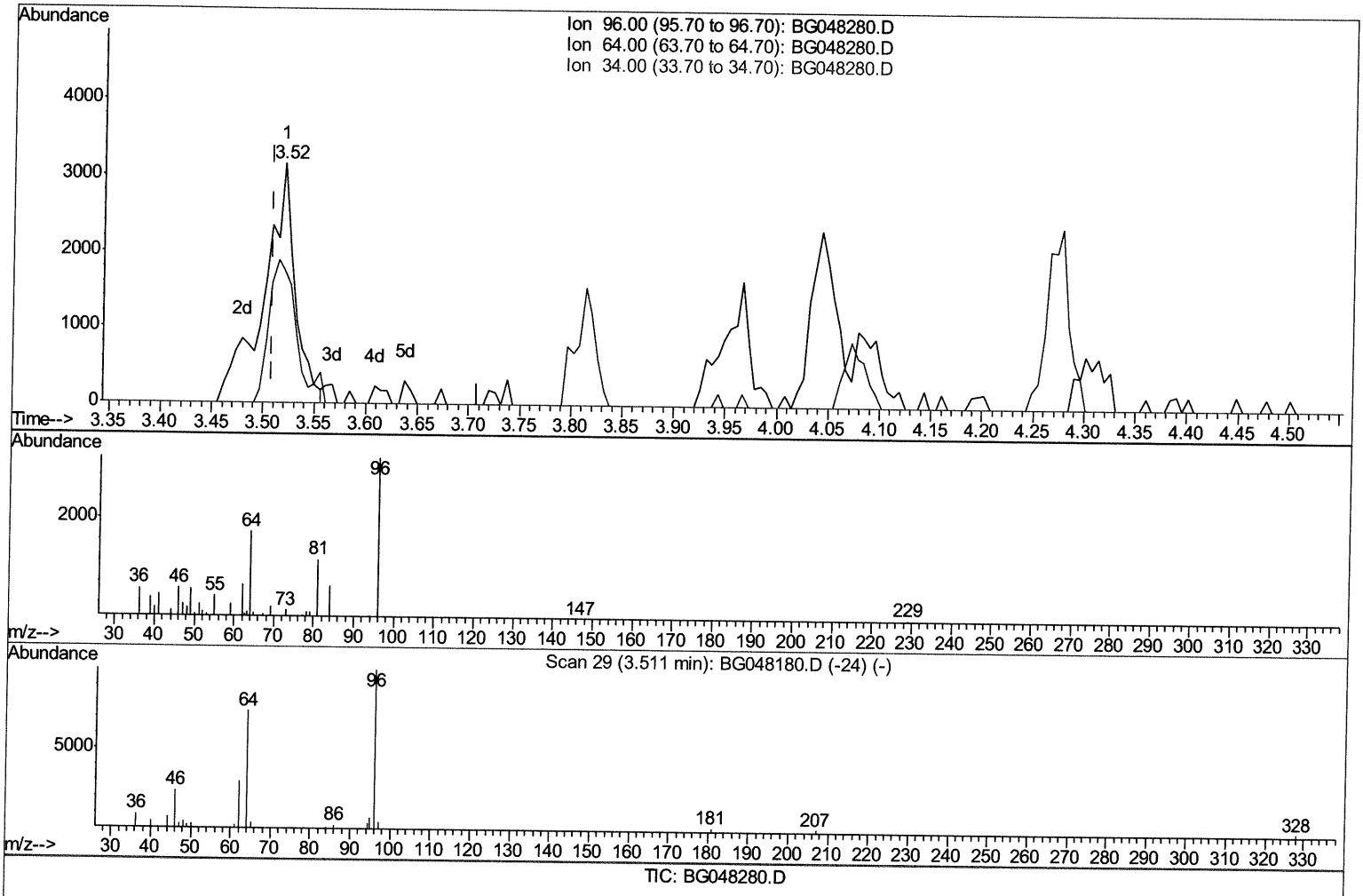

TIC: BG048280.D

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

3.520min (+0.012) 8.04ng/uL m 02/24/21 JU

response 6600

Ion	Exp%	Act%
96.00	100	100
64.00	92.40	55.54#
34.00	0.00	0.00
0.00	0.00	0.00

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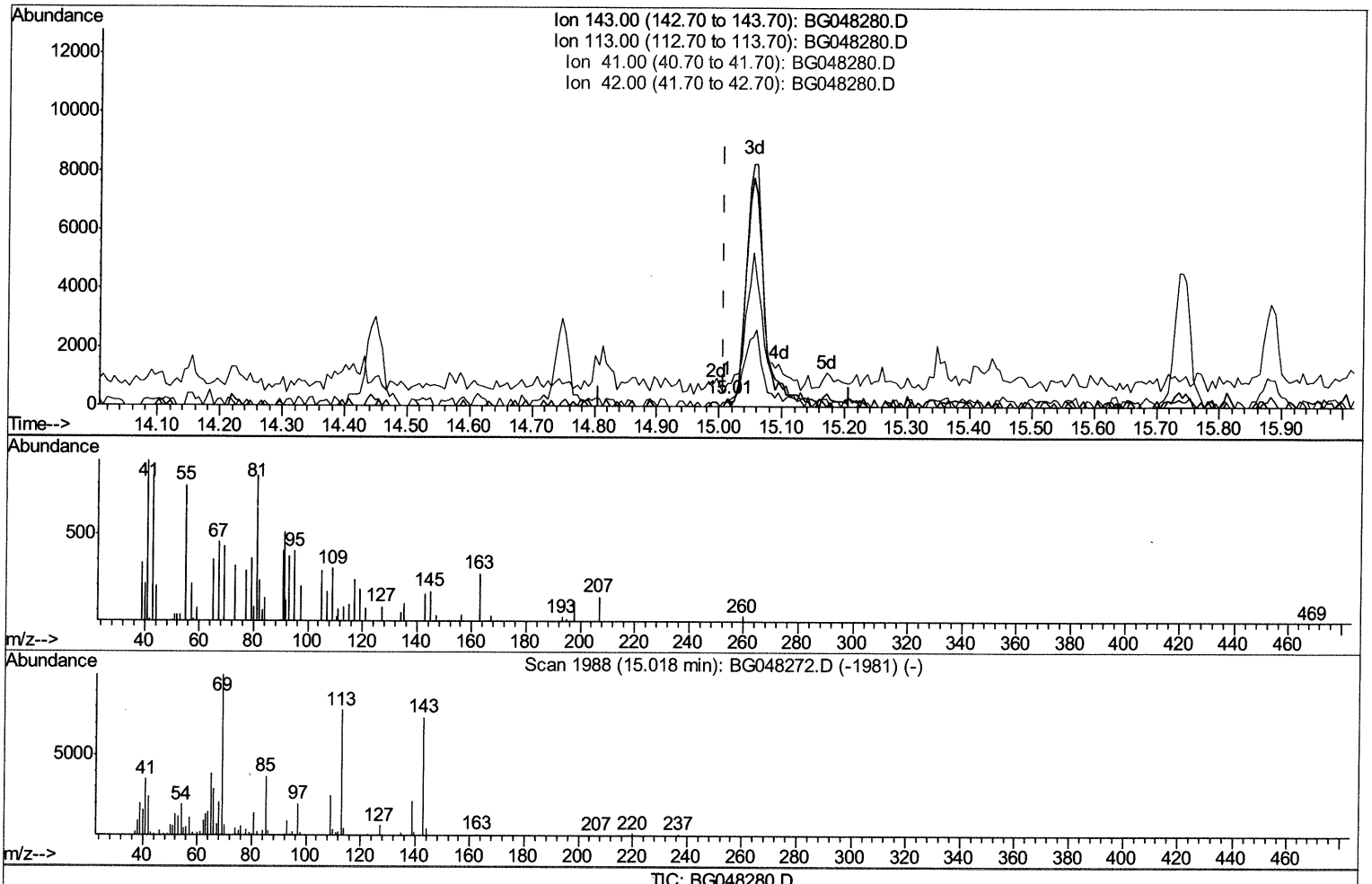
Manual Integrations APPROVED
mohammad
2/23/2021 3:43:05 PM



TIC: BG048280.D

(52) 4-Nitrophenol-d4 (S)

15.013min (+0.006) 0.11ng/ul

response 150

Ion	Exp%	Act%
143.00	100	100
113.00	101.70	80.75#
41.00	46.20	298.87#
42.00	27.90	62.64#

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Manual Integrations APPROVED
mohammad
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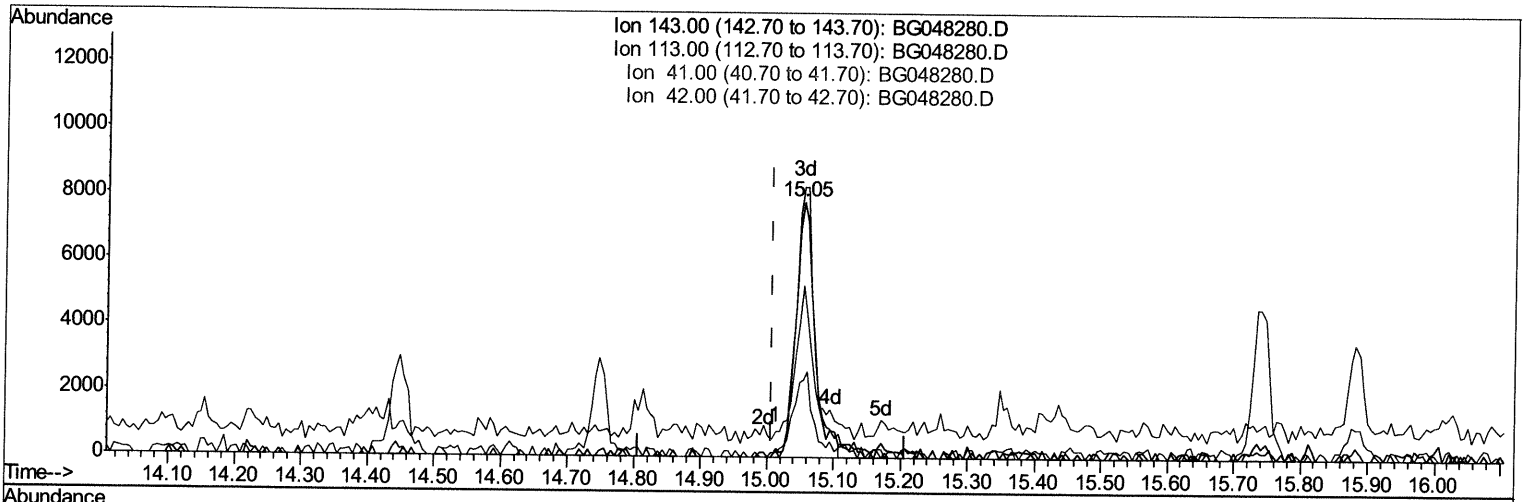

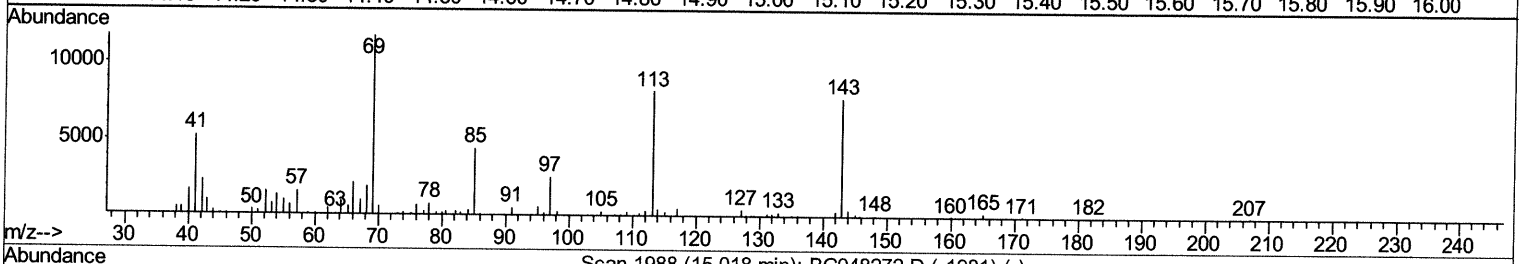

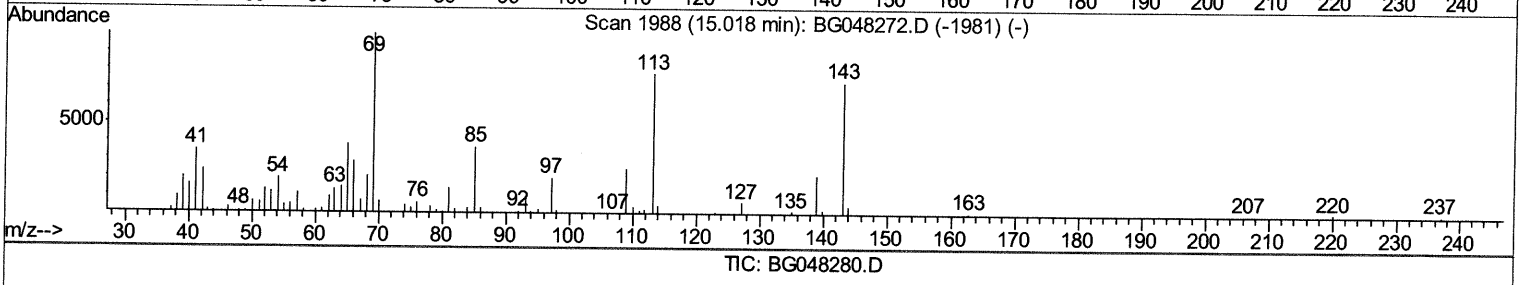

TIC: BG048280.D

(52) 4-Nitrophenol-d4 (S)

15.054min (+0.047) 11.63ng/ul m 02/24/21JU

response 15477

Ion	Exp%	Act%
143.00	100	100
113.00	101.70	105.62
41.00	46.20	67.23#
42.00	27.90	30.29

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)	
1) 1,4-Dichlorobenzene-d4	8.12	152	34198	20.00	ng/ul	0.00	
18) Naphthalene-d8	10.94	136	141752	20.00	ng/ul	0.01	
36) Acenaphthene-d10	14.75	164	105724	20.00	ng/ul	0.00	
62) Phenanthrene-d10	17.50	188	244676	20.00	ng/ul	0.01	
78) Chrysene-d12	21.78	240	239932	20.00	ng/ul	0.01	
86) Perylene-d12	25.09	264	223880	20.00	ng/ul	0.03	
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.52	96	6600m	> 8.04	ng/uL	> 0.01	02/24/21JU
5) Phenol-d5	7.36	99	36865	12.79	ng/ul	0.05	
7) Bis-(2-Chloroethyl)ether-d	7.45	67	62245	36.27	ng/ul	0.02	
9) 2-Chlorophenol-d4	7.68	132	62907	31.10	ng/ul	0.02	
13) 4-Methylphenol-d8	8.89	113	52013	23.01	ng/ul	0.04	
19) Nitrobenzene-d5	9.30	128	42884	40.50	ng/ul	0.02	
22) 2-Nitrophenol-d4	10.02	143	46212	36.08	ng/ul	0.02	
26) 2,4-Dichlorophenol-d3	10.59	165	87190	34.76	ng/ul	0.02	
29) 4-Chloroaniline-d4	11.10	131	5655	2.28	ng/ul	0.02	
44) Dimethylphthalate-d6	14.15	166	277454	35.43	ng/ul	0.01	
47) Acenaphthylene-d8	14.45	160	328322	34.30	ng/ul	0.00	
52) 4-Nitrophenol-d4	15.05	143	15477m	> 11.63	ng/ul	> 0.05	02/24/21JU
58) Fluorene-d10	15.74	176	254583	36.44	ng/ul	0.00	
63) 4,6-Dinitro-2-methylphenol	15.88	200	49274	32.85	ng/ul	0.01	
71) Anthracene-d10	17.60	188	404654	38.57	ng/ul	0.01	
79) Pyrene-d10	19.88	212	456697	38.12	ng/ul	0.01	
90) Benzo(a)pyrene-d12	24.86	264	449113	39.32	ng/ul	0.02	
Target Compounds						Qvalue	
6) Phenol	7.38	94	3820	1.284	ng/ul#	74	
28) Naphthalene	10.99	128	903050	126.303	ng/ul	96	
34) 2-Methylnaphthalene	12.59	142	118757	21.852	ng/ul	98	
45) Dimethylphthalate	14.20	163	8718	1.077	ng/ul#	88	

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