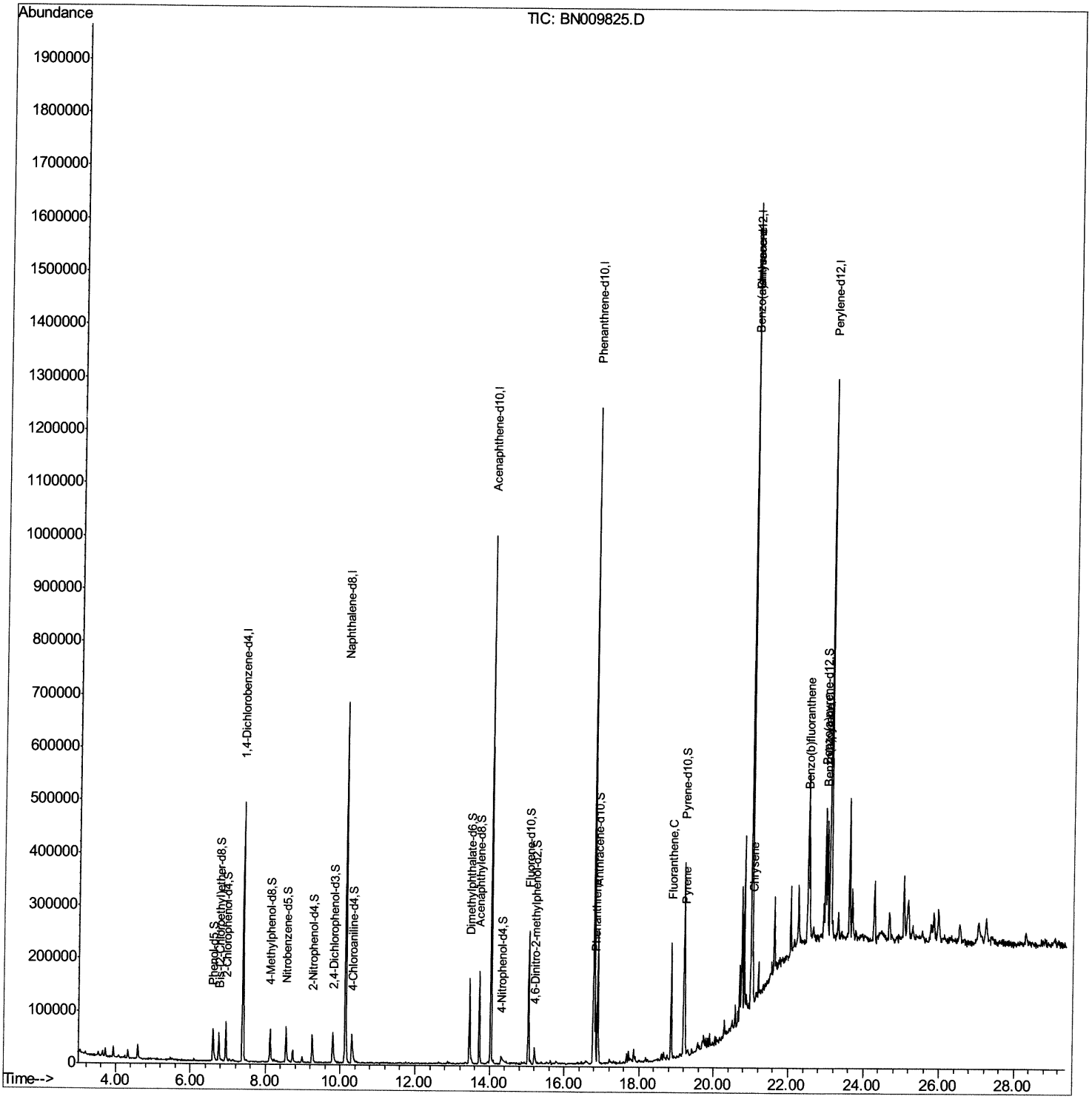
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022220\
Data File : BN009825.D
Acq On : 22 Feb 2020 01:40
Operator : CG/JU
Sample : L1535-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Feb 22 03:13:06 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Feb 21 22:14:17 2020
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
CB6Q9

Manual Integrations APPROVED
mohammad
2/24/2020 4:48:20 PM



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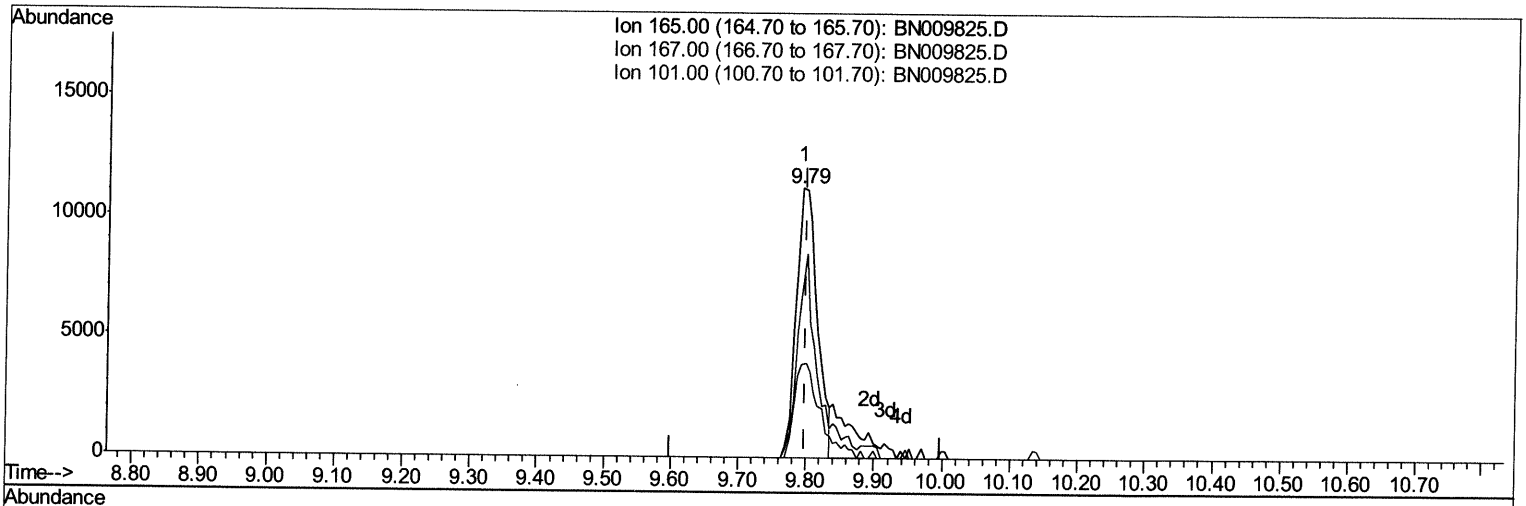

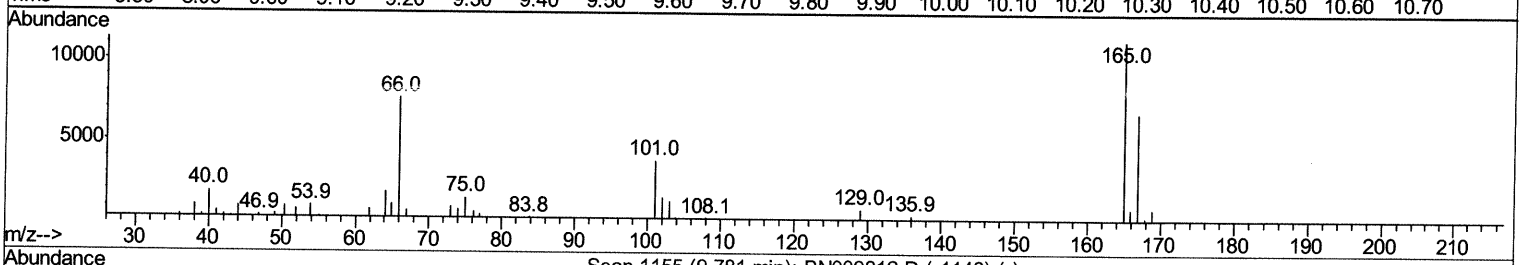

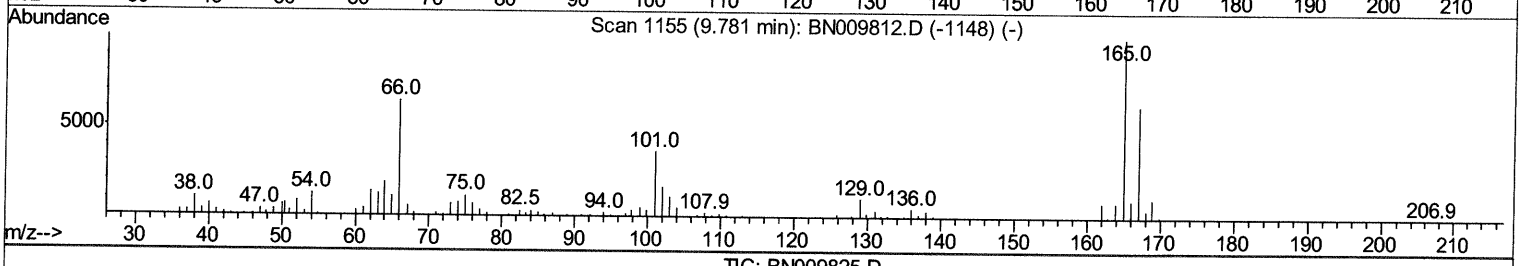

TIC: BN009825.D

(26) 2,4-Dichlorophenol-d3 (S)

9.793min (-0.006) 3.12ng/ul

response 24283

Ion	Exp%	Act%
165.00	100	100
167.00	64.20	60.43
101.00	36.10	34.37
0.00	0.00	0.00

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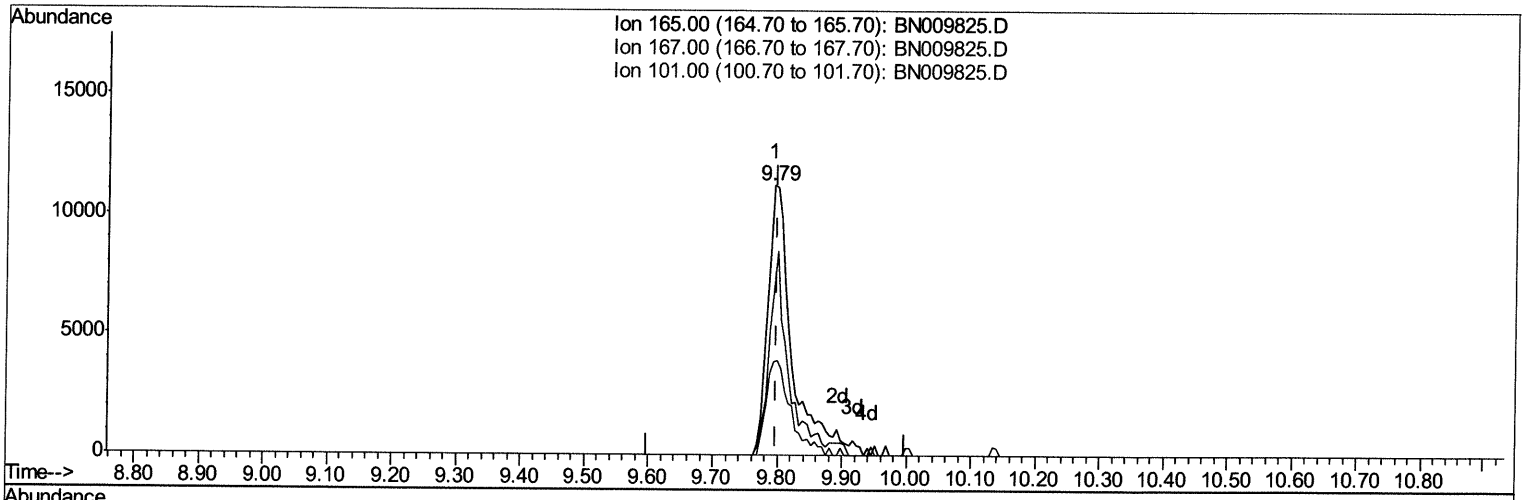

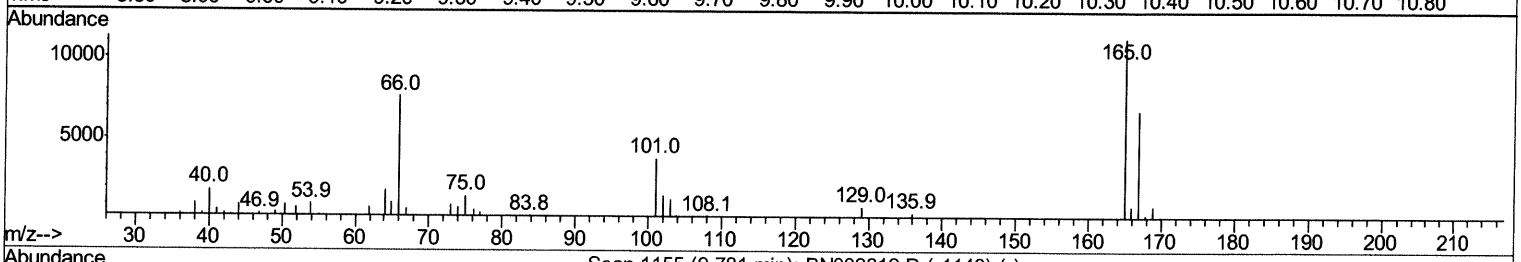

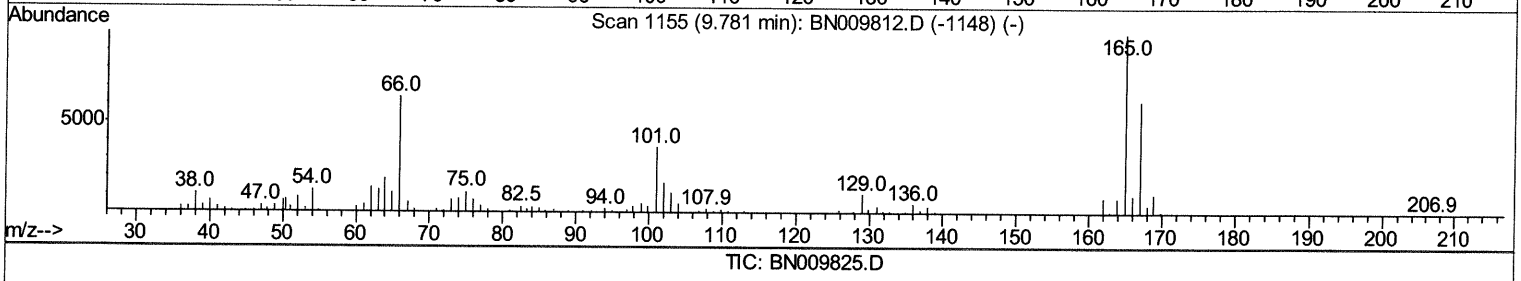

TIC: BN009825.D

(26) 2,4-Dichlorophenol-d3 (S)

9.793min (-0.006) 3.86ng/ul m Ju 02/25/20

response 30049

Ion	Exp%	Act%
165.00	100	100
167.00	64.20	60.43
101.00	36.10	34.37
0.00	0.00	0.00

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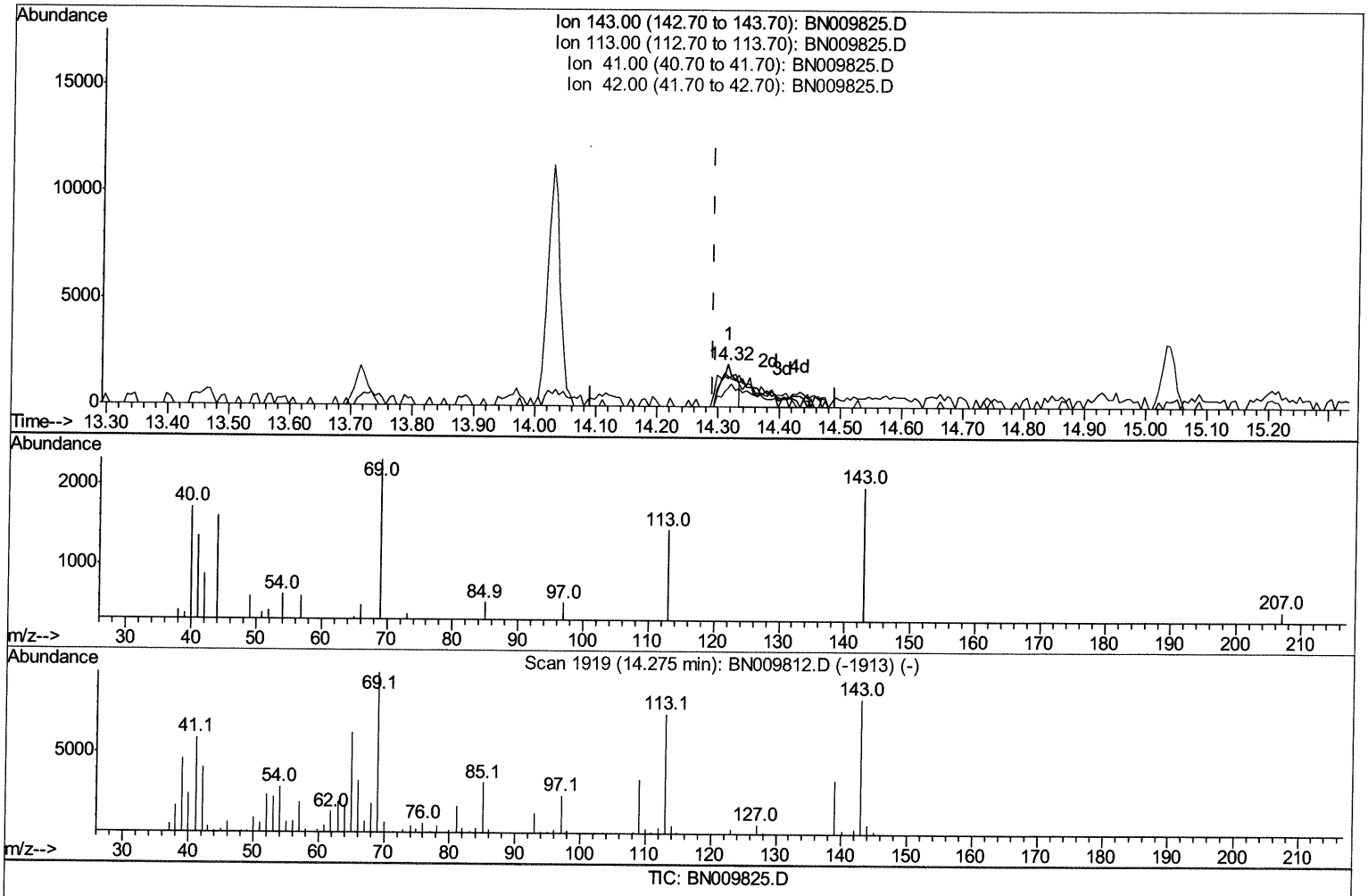

(52) 4-Nitrophenol-d4 (S)

14.316min (+0.024) 0.76ng/ul

response 3331

Ion	Exp%	Act%
143.00	100	100
113.00	86.40	72.75
41.00	66.00	67.84
42.00	43.20	43.85

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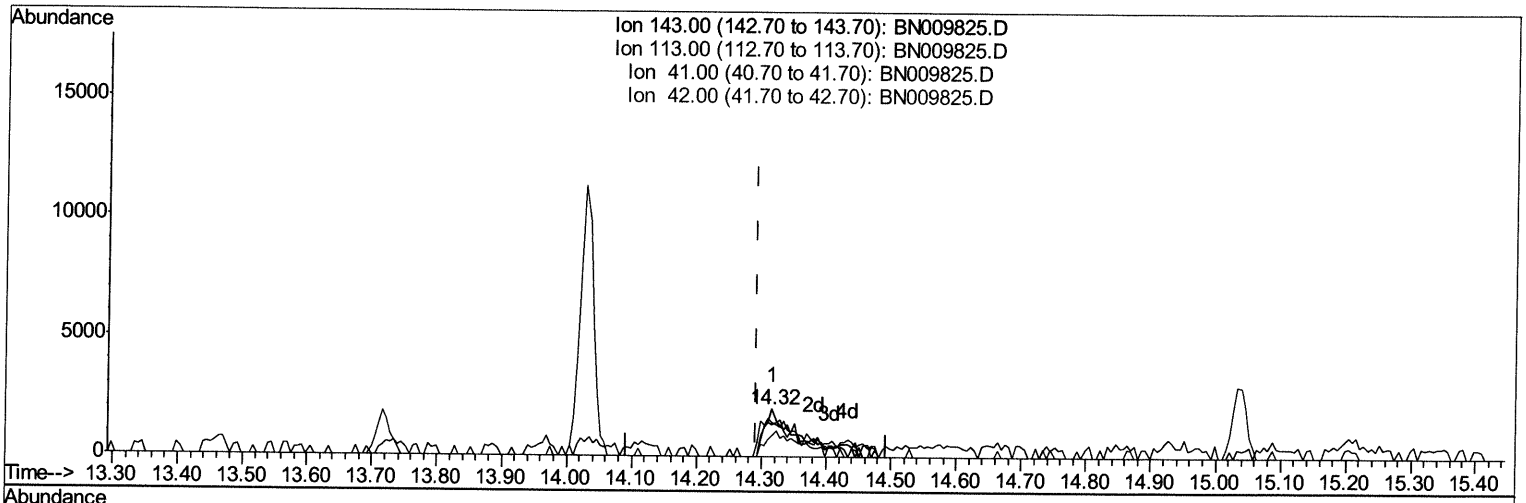
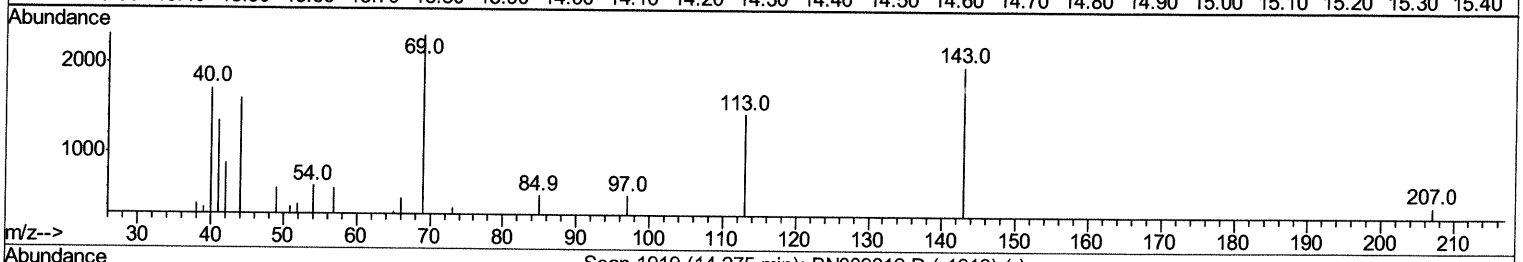
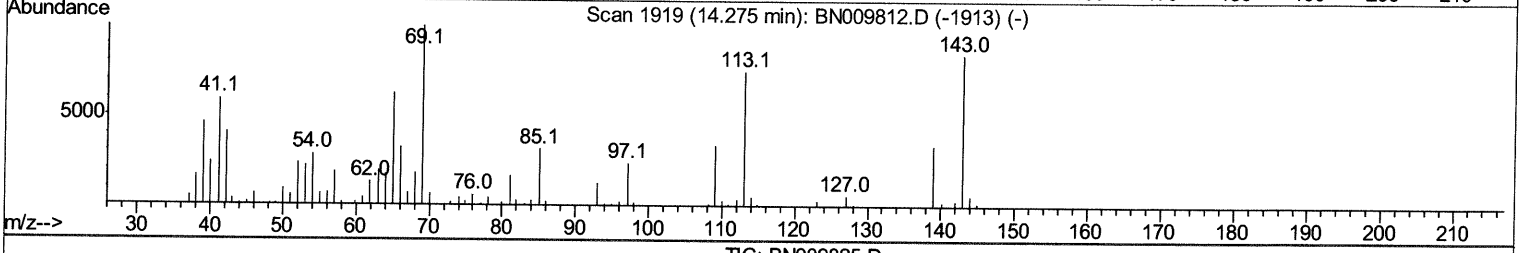
Manual Integrations APPROVED
mohammad
2/24/2020 4:48:20 PM







TIC: BN009825.D

(52) 4-Nitrophenol-d4 (S)

14.316min (+0.024) 1.68ng/ul m JU 02/25/20

response 7406

Ion	Exp%	Act%
143.00	100	100
113.00	86.40	72.75
41.00	66.00	67.84
42.00	43.20	43.85

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ClientSampleId : CB6Q9

Manual Integrations APPROVED
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2/24/2020 4:48:20 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	117598	20.00	ng/ul	-0.02
18) Naphthalene-d8	10.14	136	506244	20.00	ng/ul	-0.02
36) Acenaphthene-d10	14.03	164	323289	20.00	ng/ul	-0.02
62) Phenanthrene-d10	16.79	188	673061	20.00	ng/ul	-0.02
78) Chrysene-d12	21.00	240	592637	20.00	ng/ul	-0.02
86) Perylene-d12	23.10	264	639196	20.00	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.05	96	2030	0.71	ng/uL	0.00
5) Phenol-d5	6.60	99	37619	3.76	ng/ul	-0.02
7) Bis-(2-Chloroethyl)ether-d	6.75	67	30662	4.44	ng/ul	-0.02
9) 2-Chlorophenol-d4	6.94	132	32422	4.31	ng/ul	-0.02
13) 4-Methylphenol-d8	8.12	113	25067	3.15	ng/ul	-0.01
19) Nitrobenzene-d5	8.55	128	14240	3.84	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.26	143	15611	3.85	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	9.79	165	30049m	3.86	ng/ul	0.00 JU 02/25/20
29) 4-Chloroaniline-d4	10.31	131	37212	4.25	ng/ul	0.00
44) Dimethylphthalate-d6	13.46	166	109366	4.53	ng/ul	-0.01
47) Acenaphthylene-d8	13.72	160	121403	4.27	ng/ul	-0.02
52) 4-Nitrophenol-d4	14.32	143	7406m	1.68	ng/ul	0.02 JU 02/25/20
58) Fluorene-d10	15.04	176	97356	4.67	ng/ul	-0.02
63) 4,6-Dinitro-2-methylphenol	15.20	200	6502	1.56	ng/ul	0.00
71) Anthracene-d10	16.89	188	140816	4.56	ng/ul	-0.02
79) Pyrene-d10	19.19	212	167397	5.40	ng/ul	-0.02
90) Benzo(a)pyrene-d12	22.97	264	161027	5.04	ng/ul	-0.03
Target Compounds						Qvalue
70) Phenanthrene	16.83	178	71611	1.864	ng/ul	97
77) Fluoranthene	18.86	202	126225	2.805	ng/ul#	95
80) Pyrene	19.22	202	117447	2.749	ng/ul	99
83) Benzo(a)anthracene	20.99	228	61510	1.510	ng/ul	98
85) Chrysene	21.04	228	62452	1.558	ng/ul	97
88) Benzo(b)fluoranthene	22.49	252	83280	2.010	ng/ul#	94
91) Benzo(a)pyrene	23.01	252	51784	1.389	ng/ul#	95

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