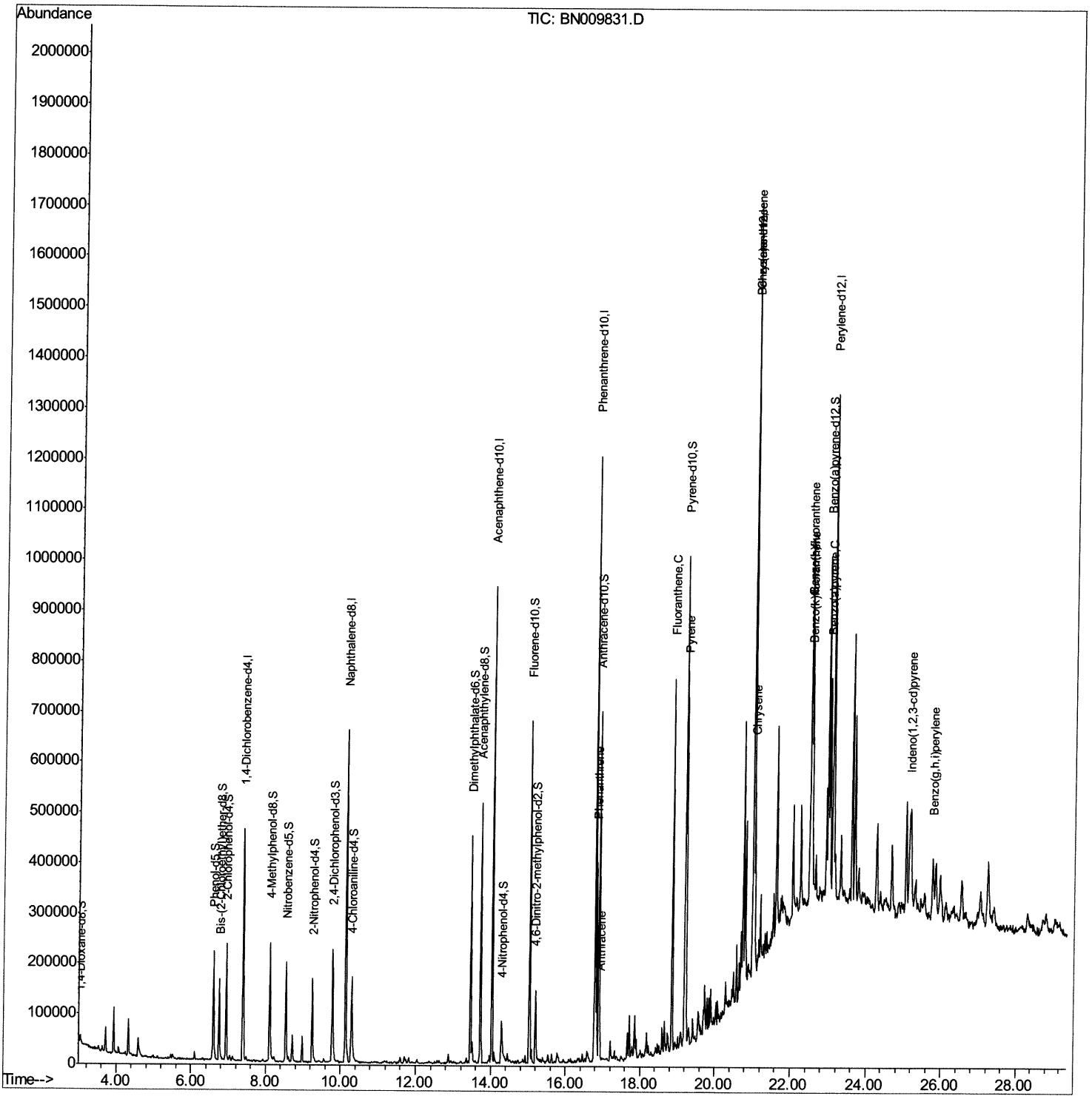
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022220\
Data File : BN009831.D
Acq On : 22 Feb 2020 05:51
Operator : CG/JU
Sample : L1535-14
Misc :
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Feb 22 06:24:42 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 :
CB6R2

Manual Integrations APPROVED
mohammad
2/24/2020 4:48:40 PM



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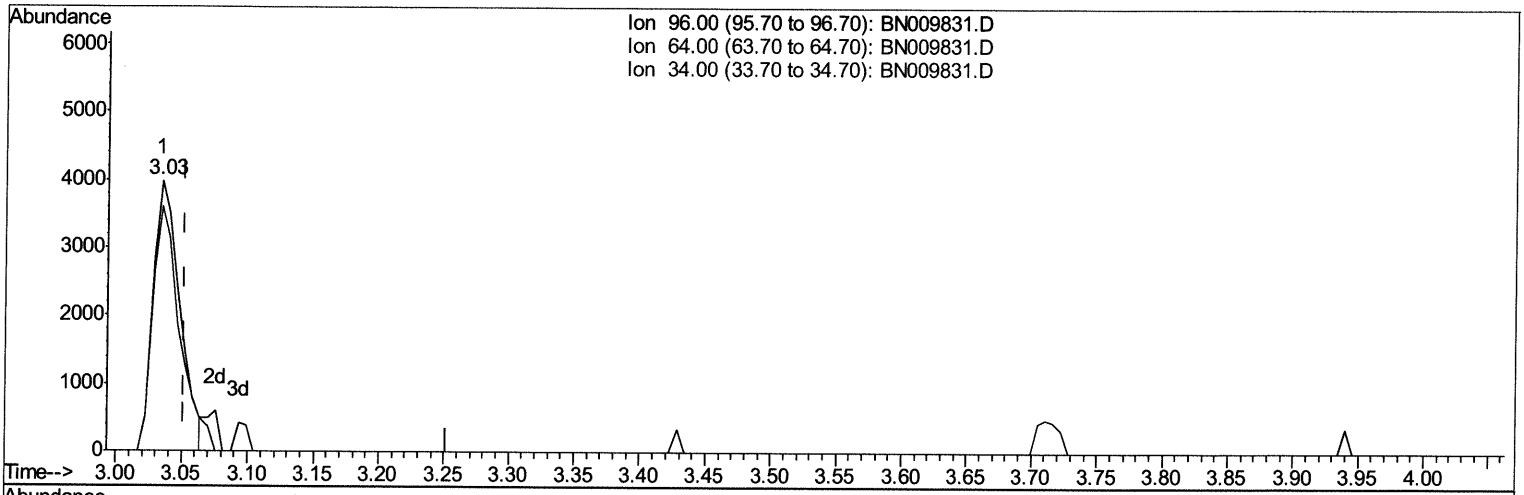

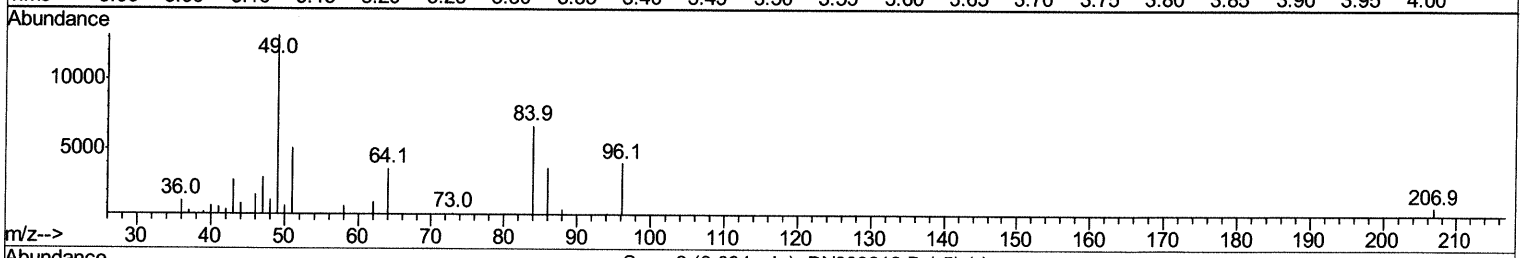

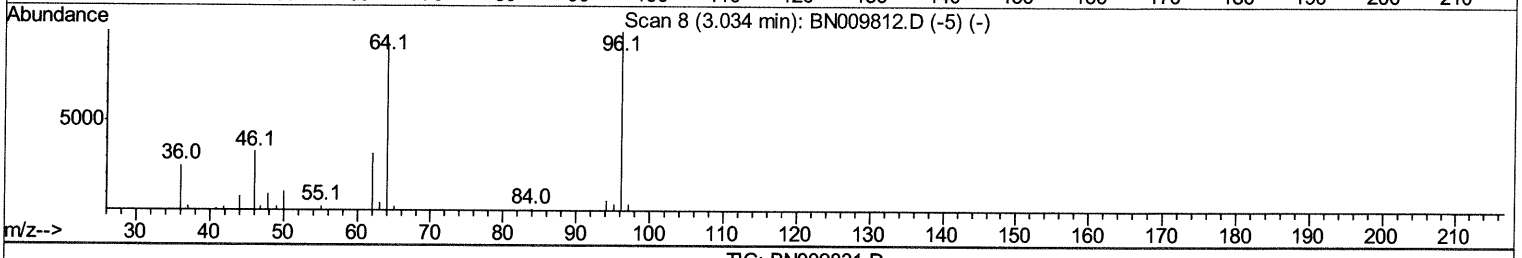

TIC: BN009831.D

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

3.034min (-0.018) 2.09ng/uL

response 5614

Ion	Exp%	Act%
96.00	100	100
64.00	93.60	90.57
34.00	0.00	0.00
0.00	0.00	0.00

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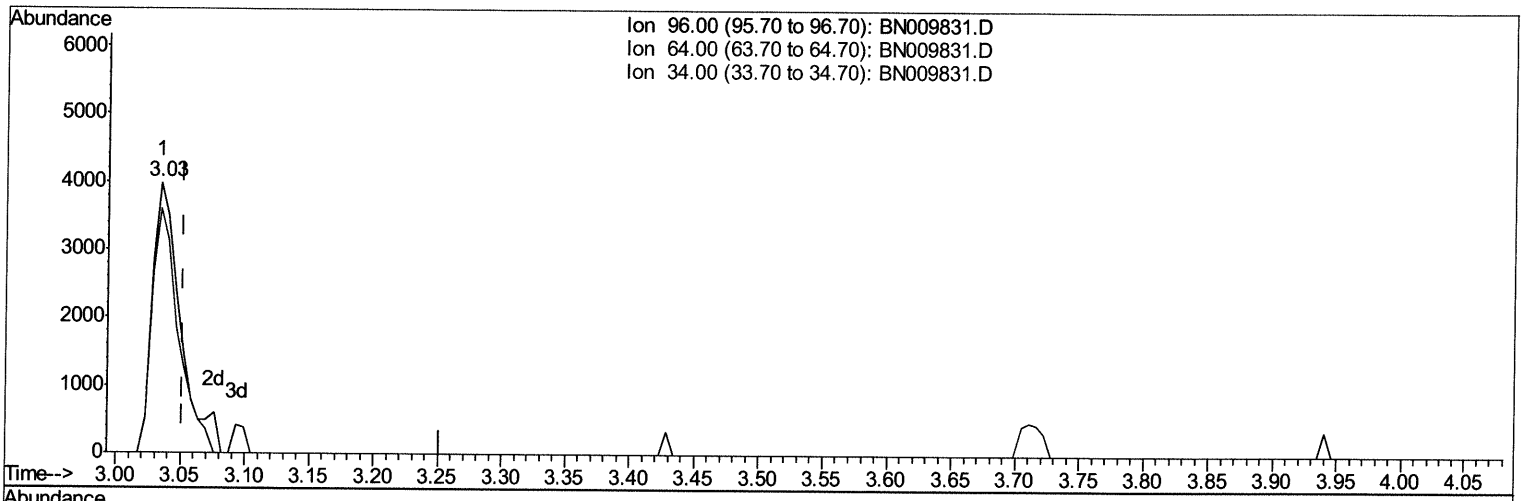
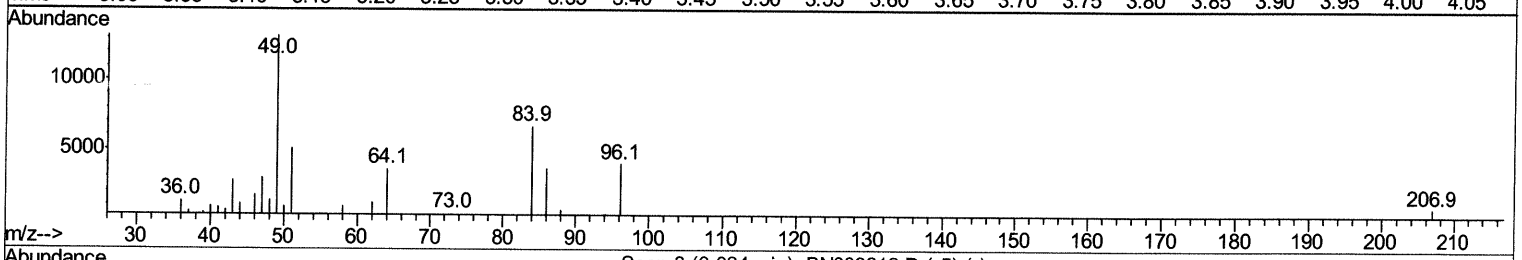
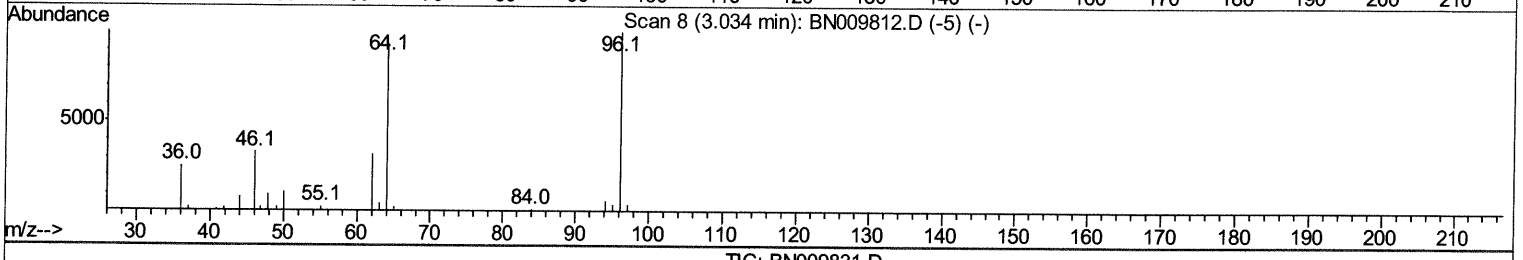
Manual Integrations APPROVED
mohammad
2/24/2020 4:48:40 PM







TIC: BN009831.D

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

3.034min (-0.018) 2.24ng/uL m JU 02/25/20

response 6001

Ion	Exp%	Act%
96.00	100	100
64.00	93.60	90.57
34.00	0.00	0.00
0.00	0.00	0.00

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Manual Integrations APPROVED
mohammad
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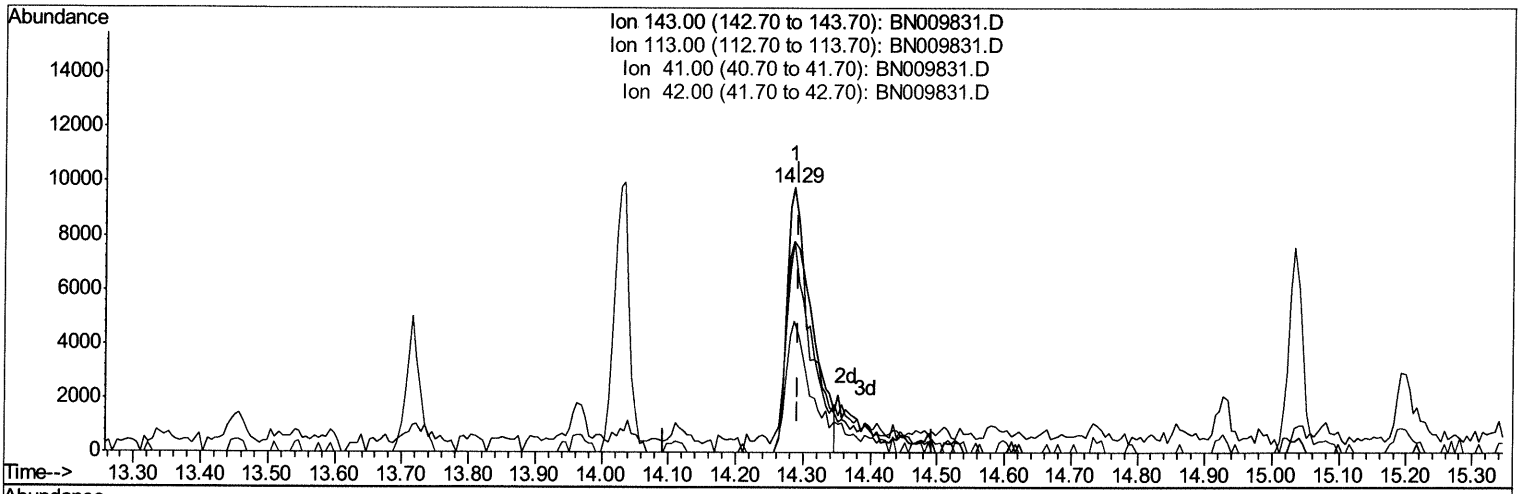

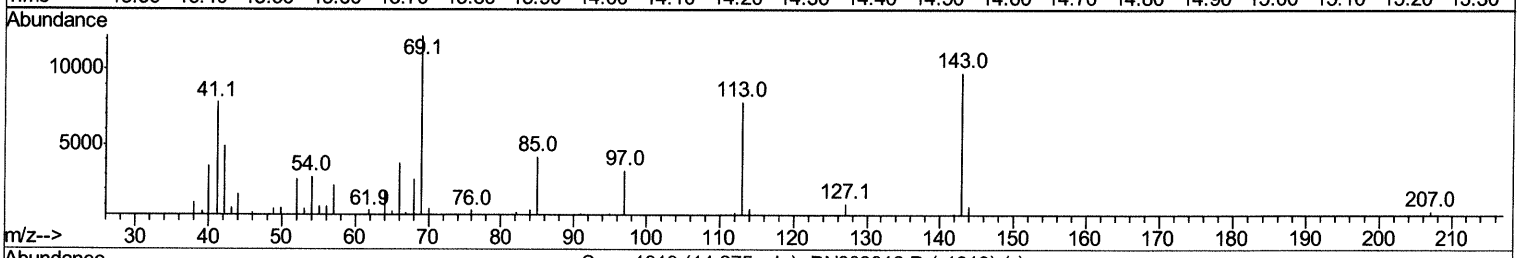

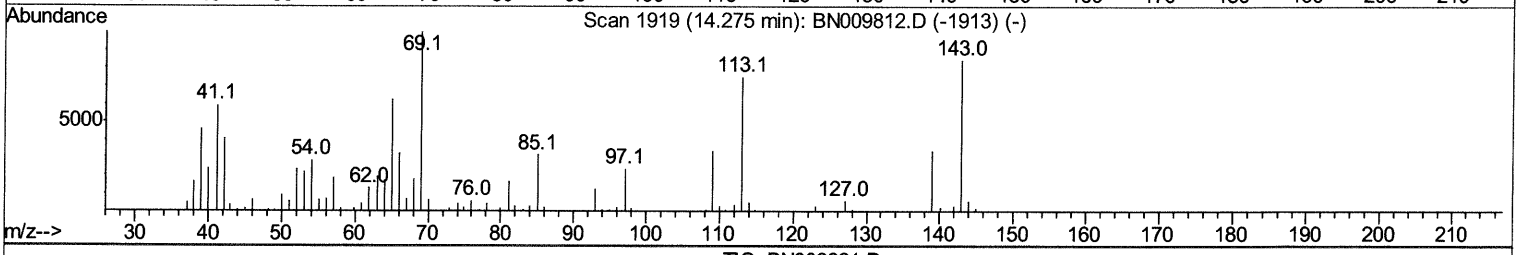

TIC: BN009831.D

(52) 4-Nitrophenol-d4 (S)

14.287min (-0.006) 6.07ng/ul

response 24763

Ion	Exp%	Act%
143.00	100	100
113.00	86.40	79.84
41.00	66.00	79.45#
42.00	43.20	49.62

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ClientSampleId :
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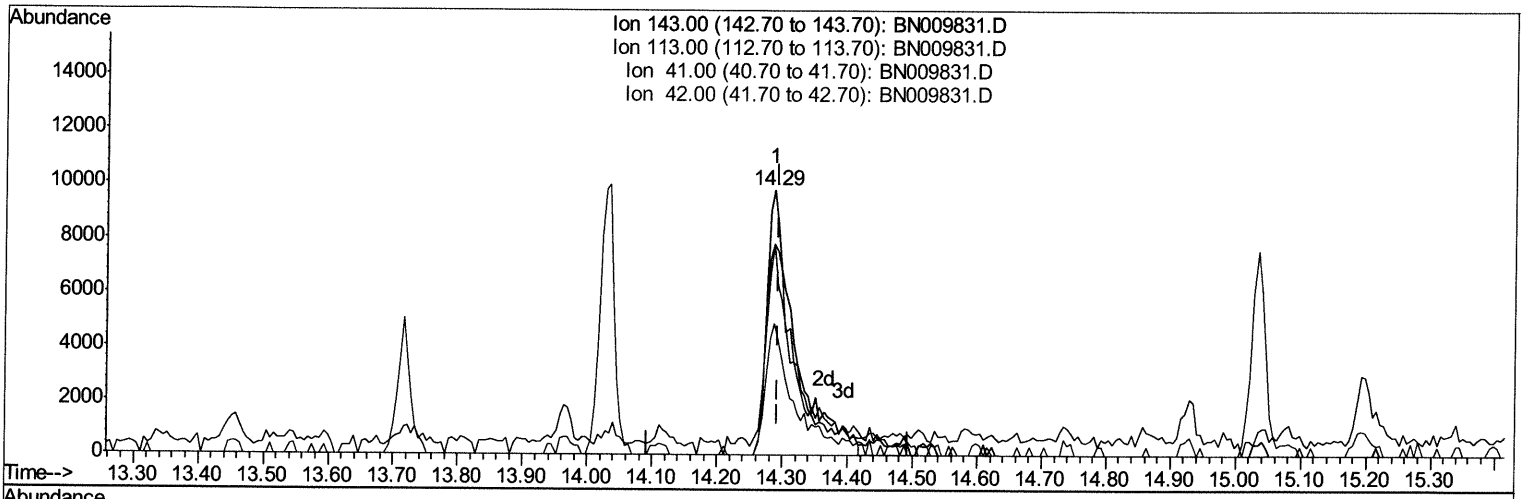
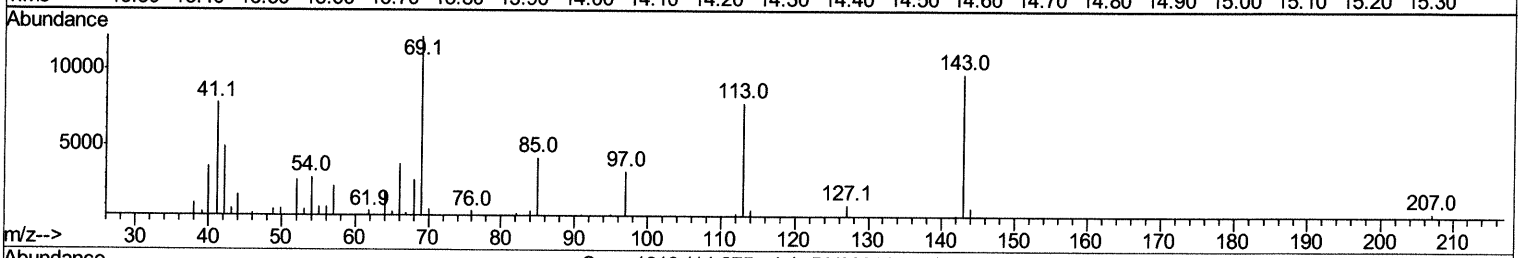
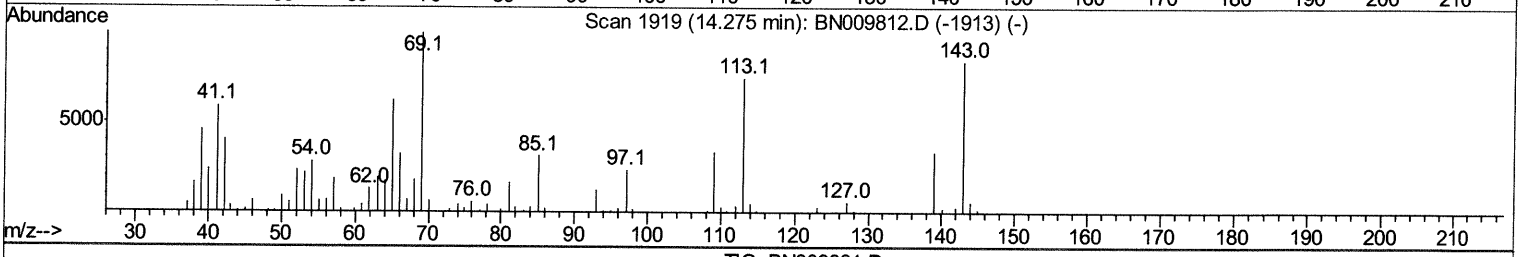
Manual Integrations APPROVED
mohammad
2/24/2020 4:48:40 PM







TIC: BN009831.D

(52) 4-Nitrophenol-d4 (S)

14.287min (-0.006) 7.24ng/ul m JU 02/25/20

response 29528

Ion	Exp%	Act%
143.00	100	100
113.00	86.40	79.84
41.00	66.00	79.45#
42.00	43.20	49.62

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Manual Integrations APPROVED
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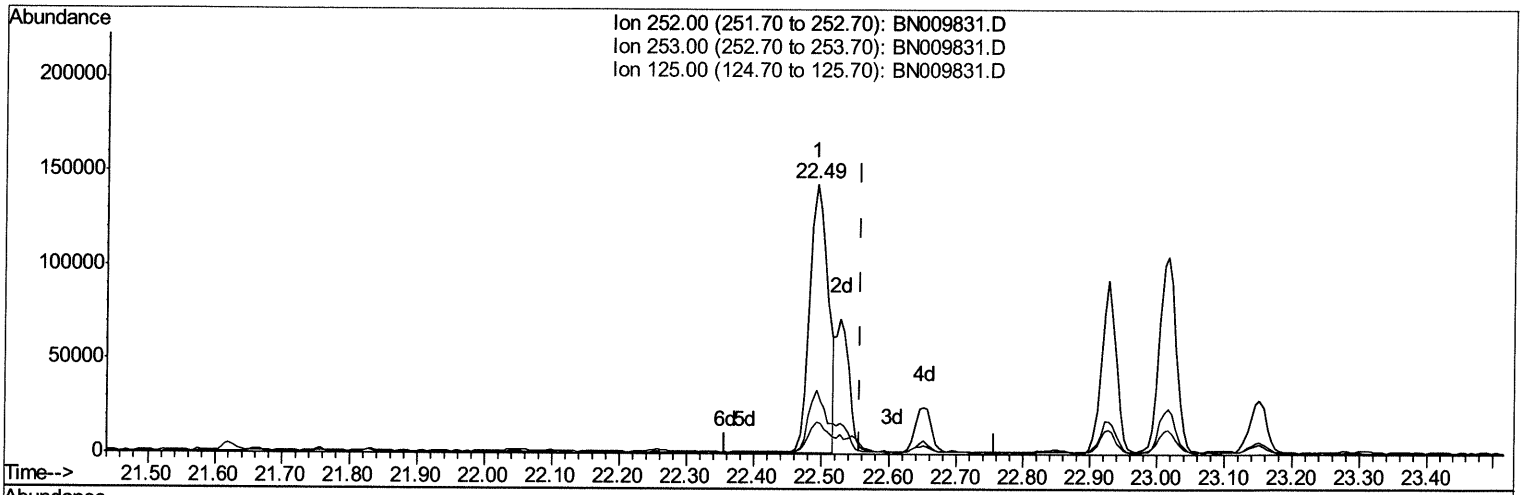

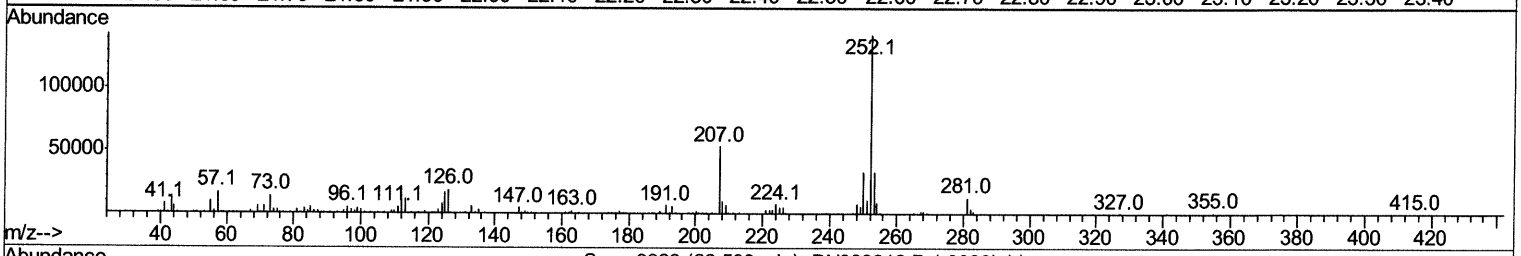

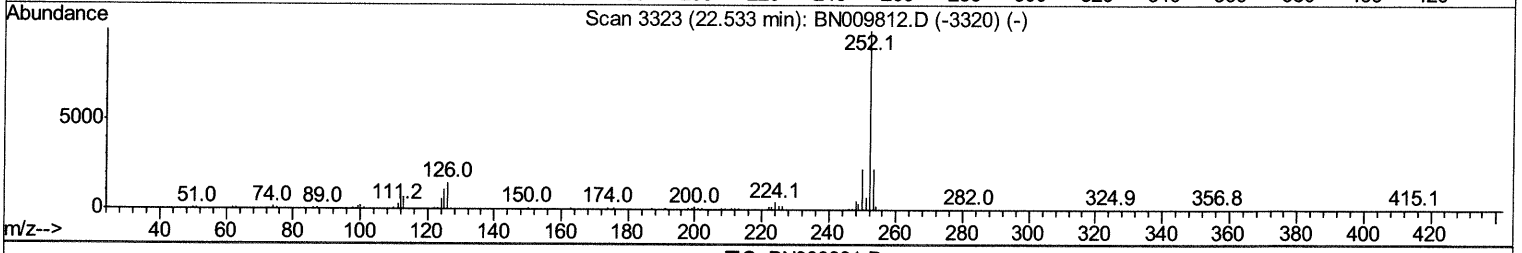

TIC: BN009831.D

(89) Benzo(k)fluoranthene

22.492min (-0.065) 7.24ng/ul

response 268367

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	23.75
125.00	10.20	11.72
0.00	0.00	0.00

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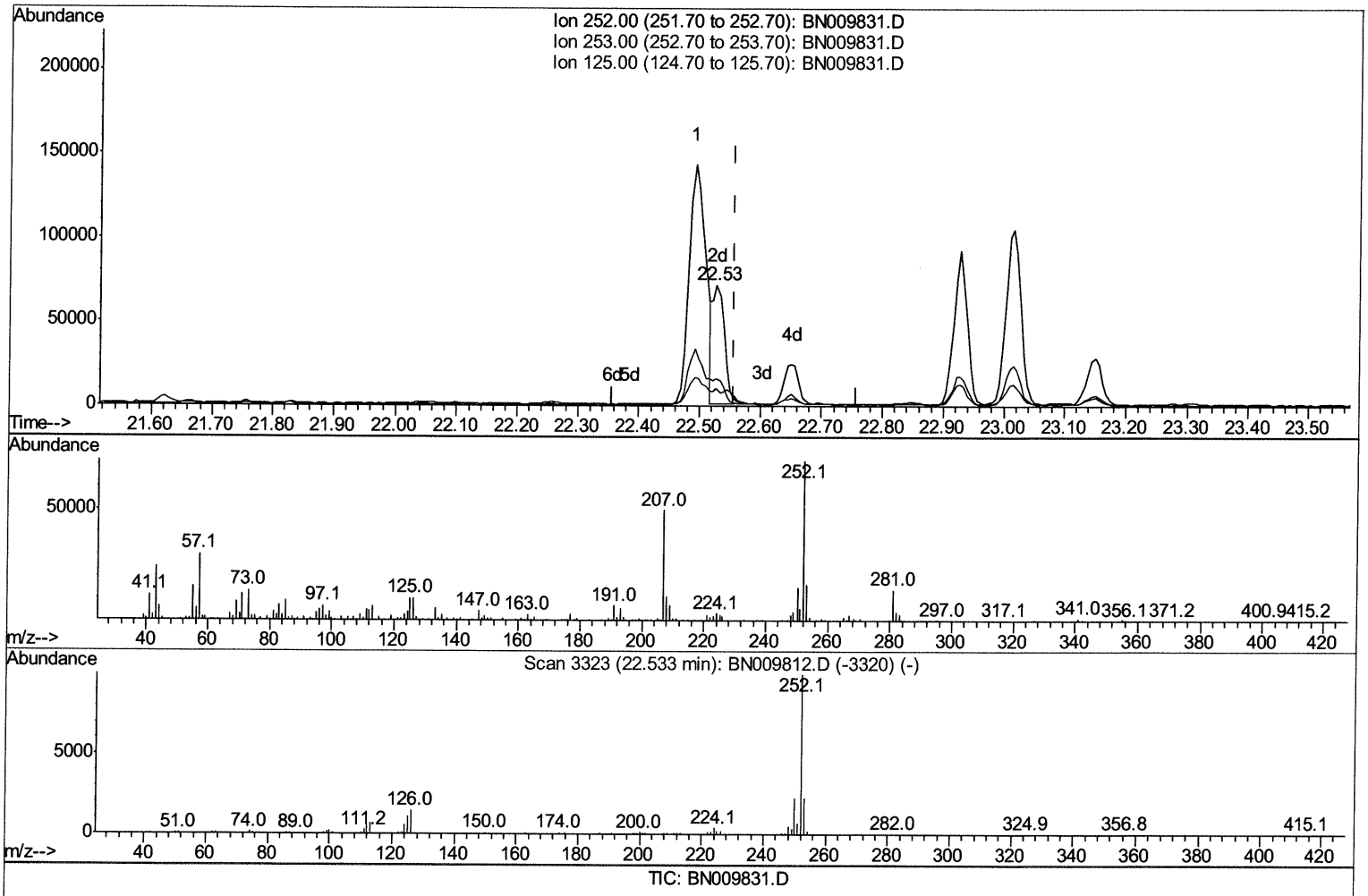
BNA_N
ClientSampleId :
CB6R2

Manual Integrations APPROVED
mohammad
2/24/2020 4:48:40 PM



TIC: BN009831.D

(89) Benzo(k)fluoranthene

22.527min (-0.029) 2.59ng/ul m JU 02/25/20

response 96209

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	23.05
125.00	10.20	14.42#
0.00	0.00	0.00

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Manual Integrations APPROVED
mohammad
2/24/2020 4:48:40 PM

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	110305	20.00	ng/ul	-0.02
18) Naphthalene-d8	10.14	136	472628	20.00	ng/ul	-0.02
36) Acenaphthene-d10	14.03	164	298818	20.00	ng/ul	-0.02
62) Phenanthrene-d10	16.79	188	622571	20.00	ng/ul	-0.02
78) Chrysene-d12	21.00	240	542110	20.00	ng/ul	-0.02
86) Perylene-d12	23.10	264	604133	20.00	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.03	96	6001m	2.24	ng/uL	-0.02
5) Phenol-d5	6.60	99	110179	11.74	ng/ul	-0.02
7) Bis-(2-Chloroethyl)ether-d	6.75	67	77485	11.97	ng/ul	-0.02
9) 2-Chlorophenol-d4	6.93	132	86419	12.23	ng/ul	-0.02
13) 4-Methylphenol-d8	8.11	113	81847	10.97	ng/ul	-0.02
19) Nitrobenzene-d5	8.53	128	39704	11.48	ng/ul	-0.02
22) 2-Nitrophenol-d4	9.25	143	42987	11.36	ng/ul	-0.02
26) 2,4-Dichlorophenol-d3	9.79	165	84750	11.65	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.30	131	98275	12.03	ng/ul	-0.02
44) Dimethylphthalate-d6	13.46	166	276102	12.37	ng/ul	-0.02
47) Acenaphthylene-d8	13.72	160	316804	12.05	ng/ul	-0.02
52) 4-Nitrophenol-d4	14.29	143	29528m	7.24	ng/ul	0.00
58) Fluorene-d10	15.03	176	247898	12.86	ng/ul	-0.02
63) 4,6-Dinitro-2-methylphenol	15.20	200	26975	6.97	ng/ul	-0.01
71) Anthracene-d10	16.89	188	359083	12.58	ng/ul	-0.02
79) Pyrene-d10	19.19	212	415684	14.67	ng/ul	-0.02
90) Benzo(a)pyrene-d12	22.97	264	400805	13.29	ng/ul	-0.03
Target Compounds						Qvalue
70) Phenanthrene	16.83	178	212509	5.981	ng/ul	100
72) Anthracene	16.92	178	44446	1.224	ng/ul	99
77) Fluoranthene	18.86	202	403124	9.686	ng/ul	99
80) Pyrene	19.22	202	372695	9.536	ng/ul	99
83) Benzo(a)anthracene	20.99	228	206360	5.539	ng/ul	95
85) Chrysene	21.04	228	212358	5.790	ng/ul	98
88) Benzo(b)fluoranthene	22.49	252	268367	6.851	ng/ul	95
89) Benzo(k)fluoranthene	22.53	252	96209m	2.594	ng/ul	
91) Benzo(a)pyrene	23.02	252	181401	5.149	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.14	276	123068	2.942	ng/ul	95
94) Benzo(g,h,i)perylene	25.76	276	116715	3.328	ng/ul	100

JU 02/25/20

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