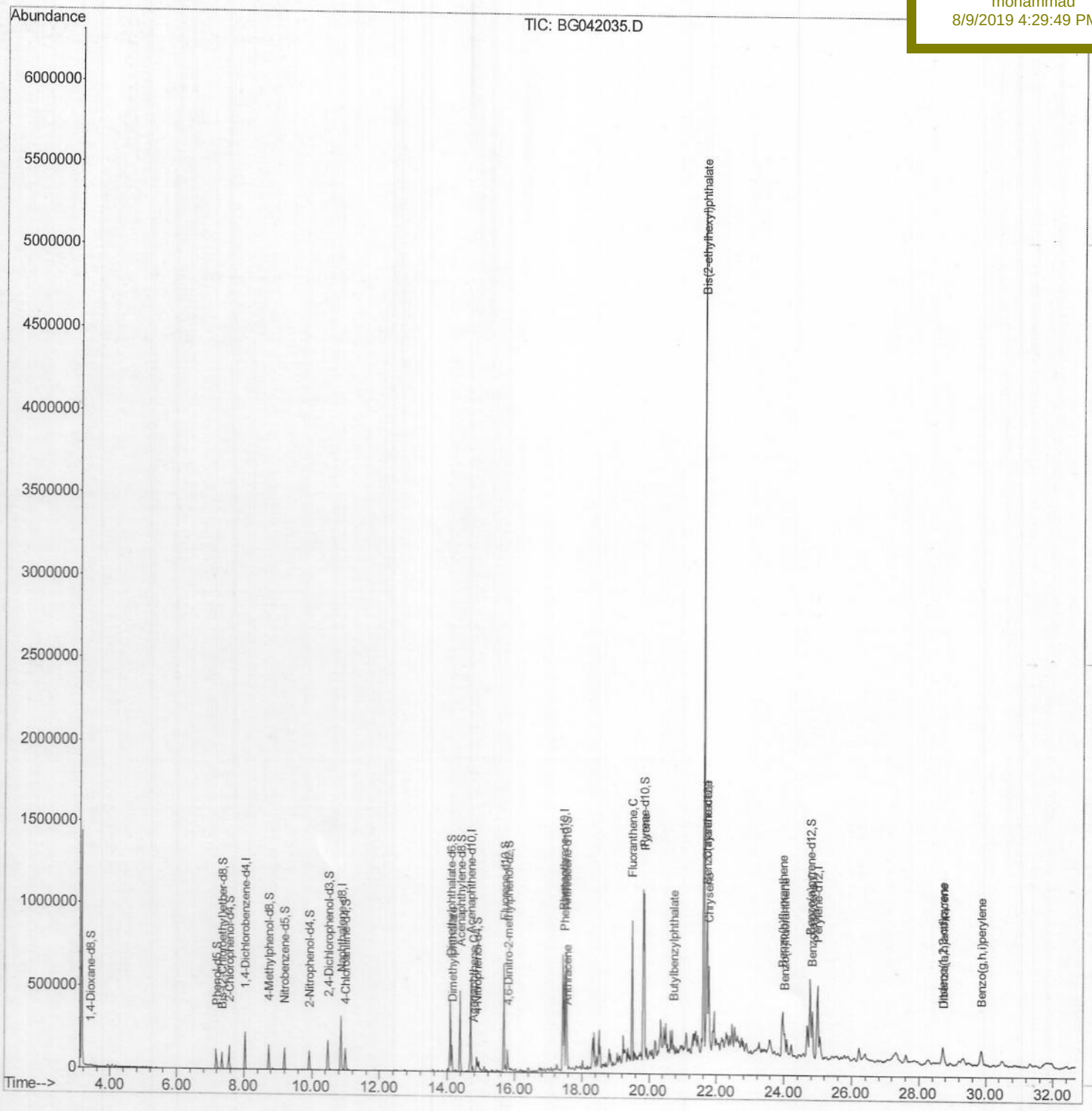
Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080719\
Data File : BG042035.D
Acq On : 7 Aug 2019 17:35
Operator : HP/JU
Sample : K4028-17
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Aug 14 02:58:57 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 08 01:36:24 2019
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
BENR4

Manual Integrations APPROVED
mohammad
8/9/2019 4:29:49 PM



Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG080719\

Quantitation Report (Qedit)

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Acq On : 7 Aug 2019 17:35
Operator : HP/JU
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Misc :
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Quant Time: Aug 08 01:40:13 2019
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Quant Title : SVOA CALIBRATION
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ClientSampleId :
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Manual Integrations APPROVED
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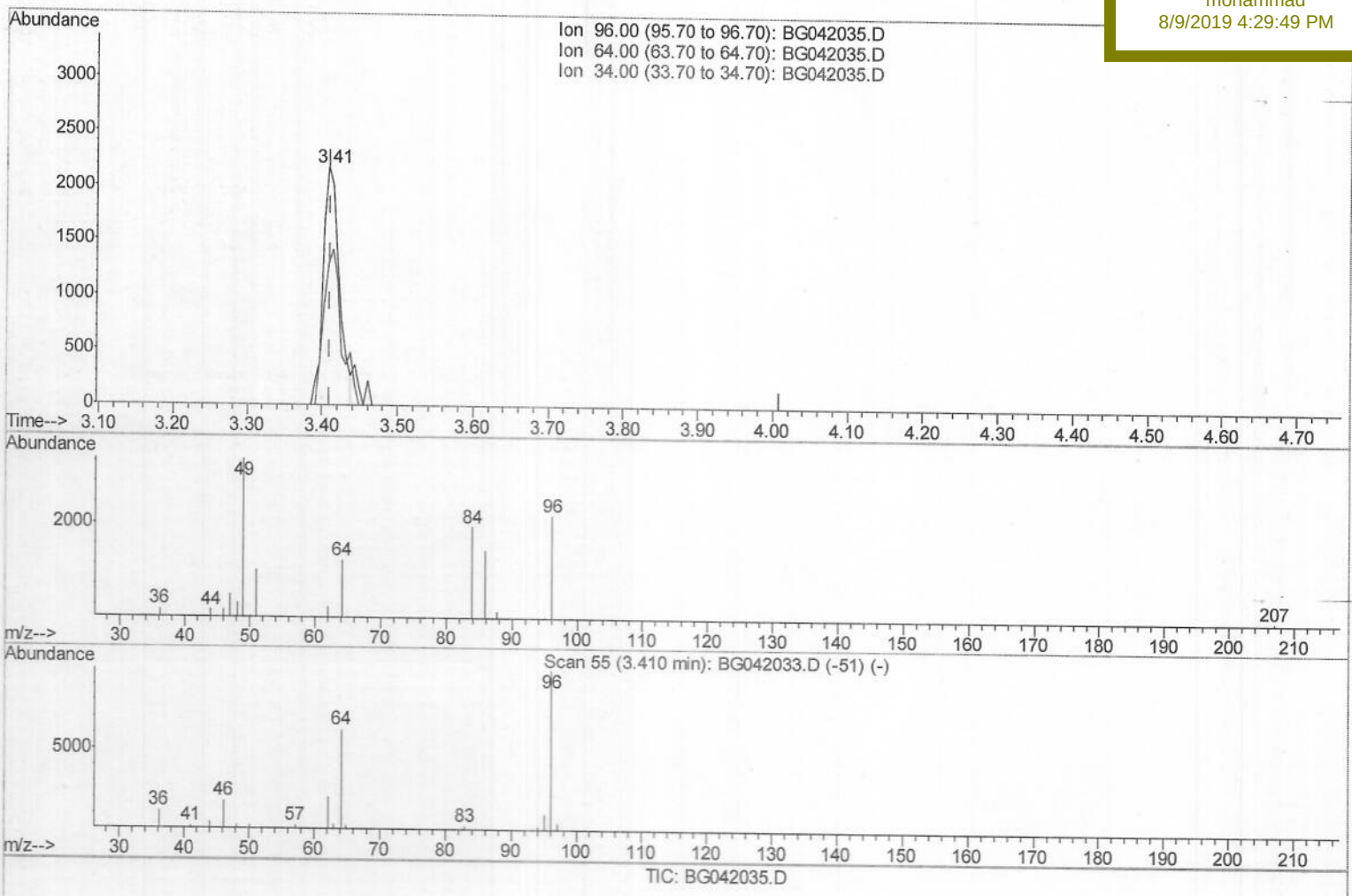

(3) 1,4-Dioxane-d8 (S)

3.408min (-0.002) 1.94ng/uL

response 3251

Ion	Exp%	Act%
96.00	100	100
64.00	68.30	59.05
34.00	0.00	0.00
0.00	0.00	0.00

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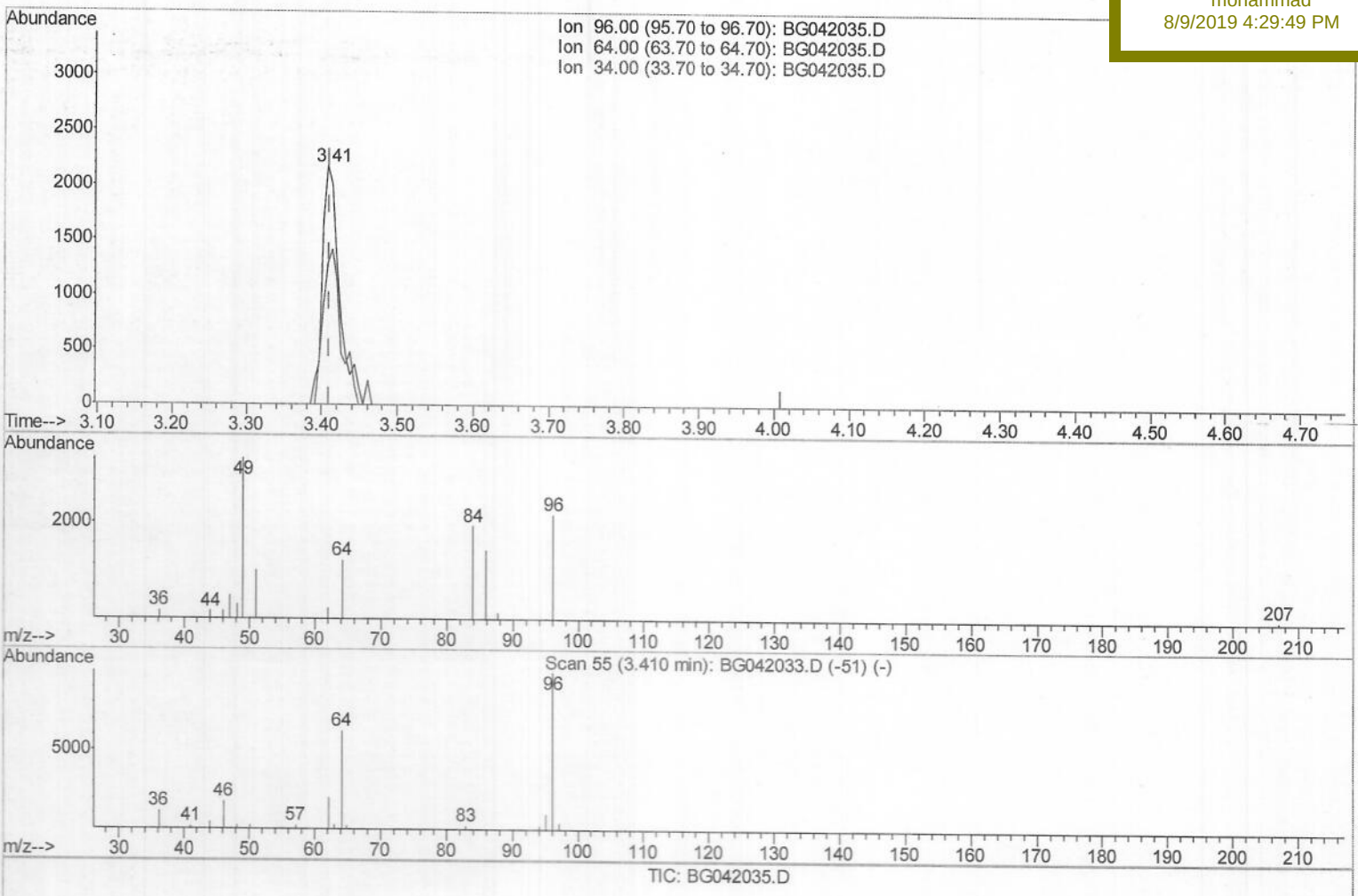
mohammad
8/9/2019 4:29:49 PM



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

3.408min (-0.002) 2.05ng/uL m JU 08/14/19

response 3437

Ion	Exp%	Act%
96.00	100	100
64.00	68.30	59.05
34.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG080719\

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BNA_G
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Manual Integrations APPROVED
mohammad
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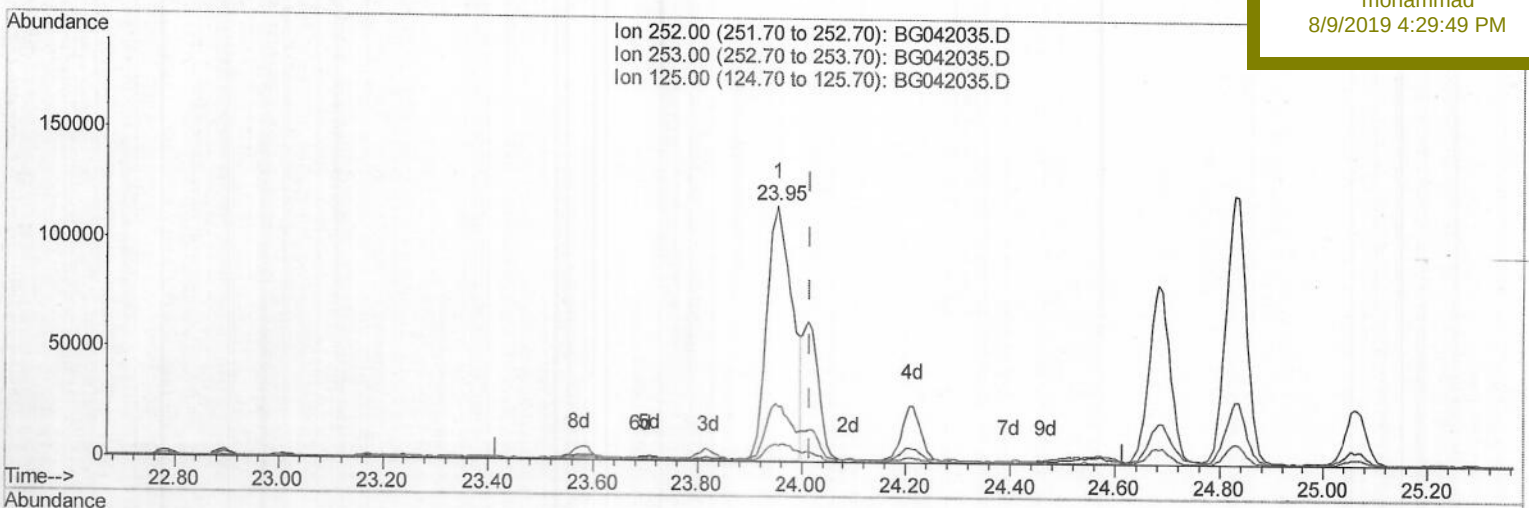

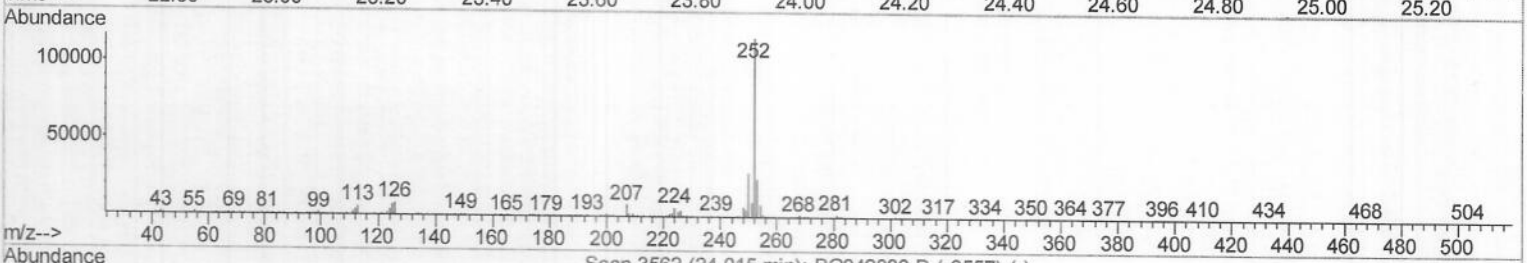

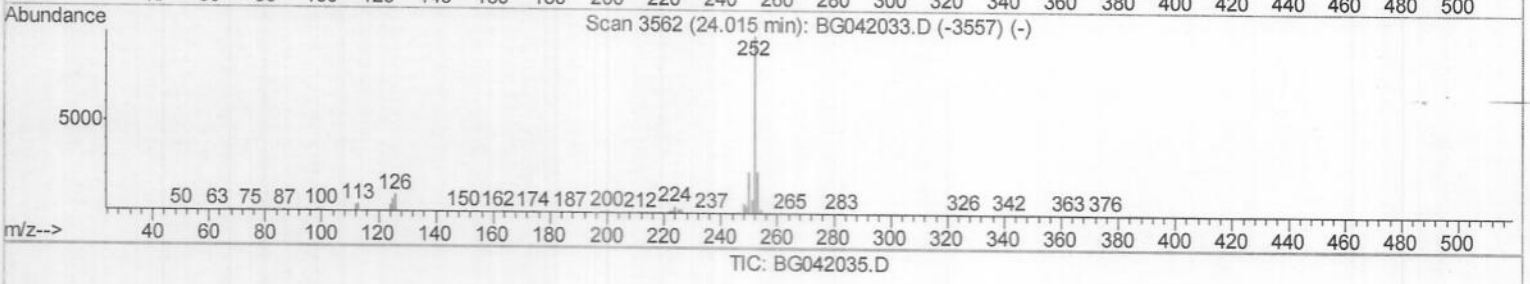

TIC: BG042035.D

(88) Benzo(k)fluoranthene

23.955min (-0.061) 12.02ng/ul

response 388802

Ion	Exp%	Act%
252.00	100	100
253.00	22.90	21.27
125.00	6.90	6.38
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG080719\

Quantitation Report (Qedit)

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Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Aug 08 01:40:13 2019
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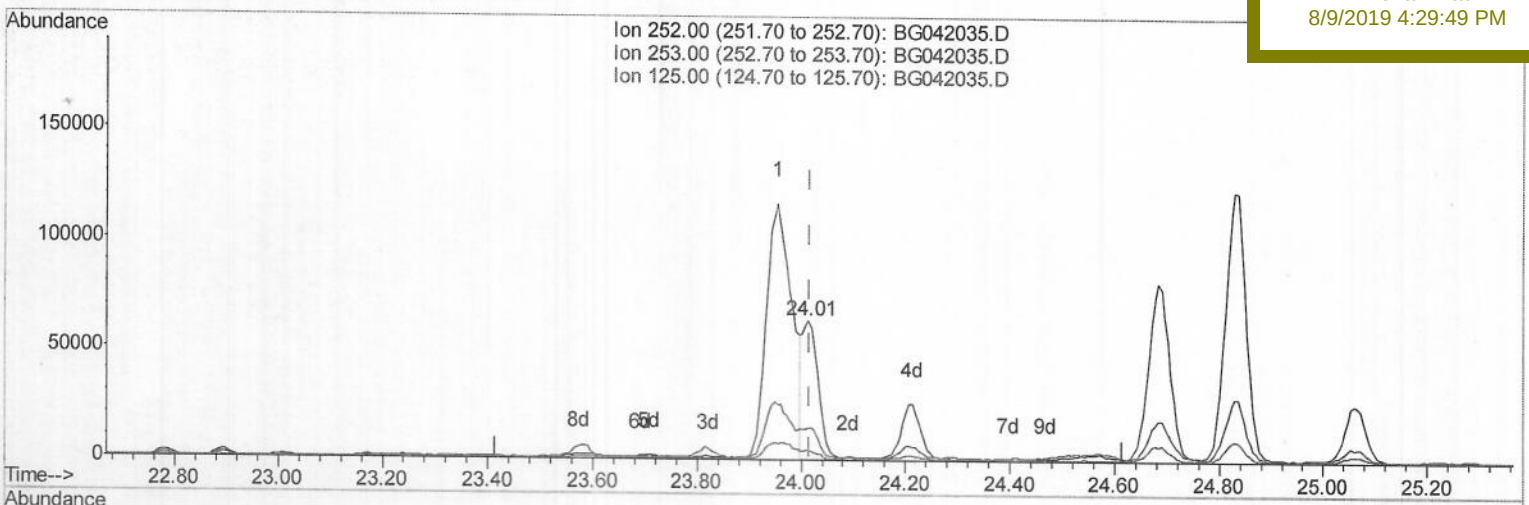
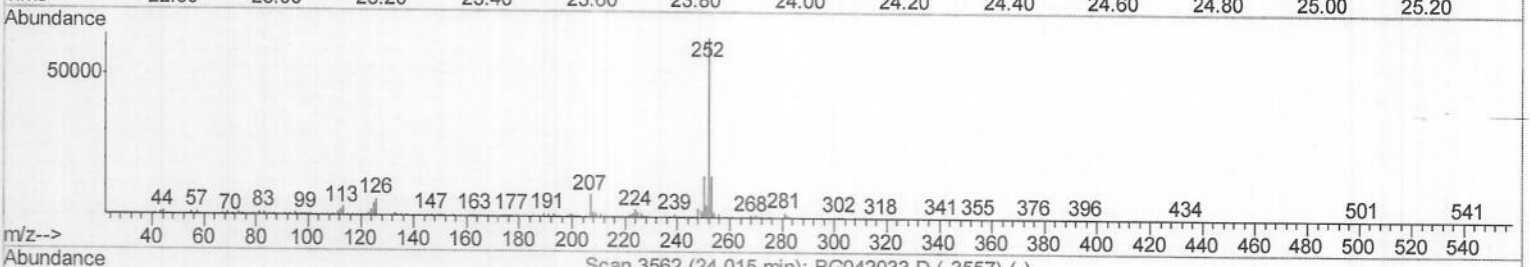
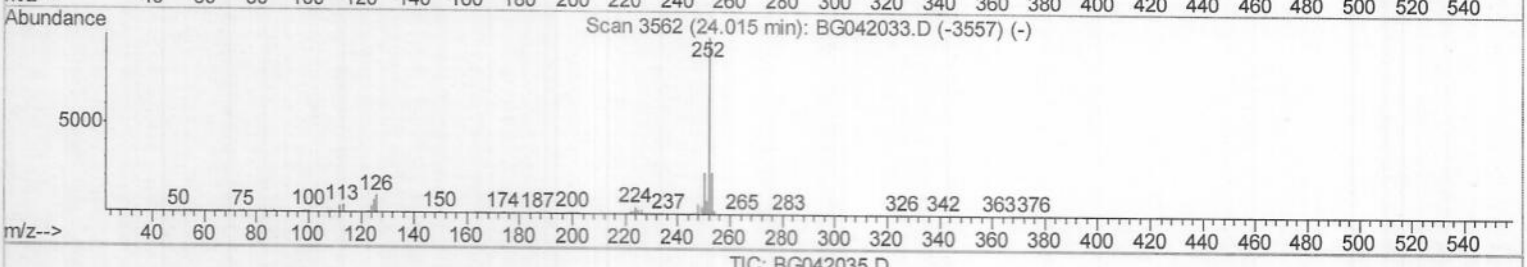
Instrument :
BNA_G
ClientSampleId :
BENR4

Manual Integrations APPROVED
mohammad
8/9/2019 4:29:49 PM







TIC: BG042035.D

(88) Benzo(k)fluoranthene

24.013min (-0.002) 4.24ng/ul m) JU 08/14/19

response 137214

Ion	Exp%	Act%
252.00	100	100
253.00	22.90	23.00
125.00	6.90	7.09
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG080719\

Quantitation Report (Qedit)

Data File : BG042035.D
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Operator : HP/JU
Sample : K4028-17
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Aug 08 01:40:13 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 08 01:36:24 2019
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
BENR4

Manual Integrations APPROVED
mohammad
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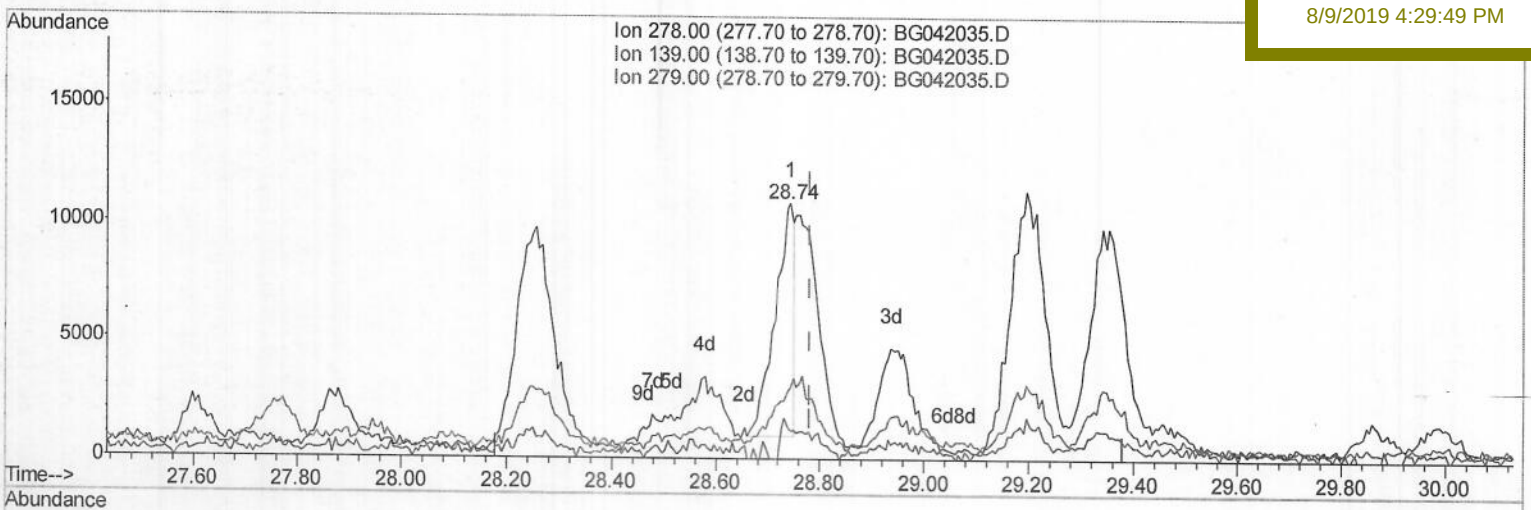

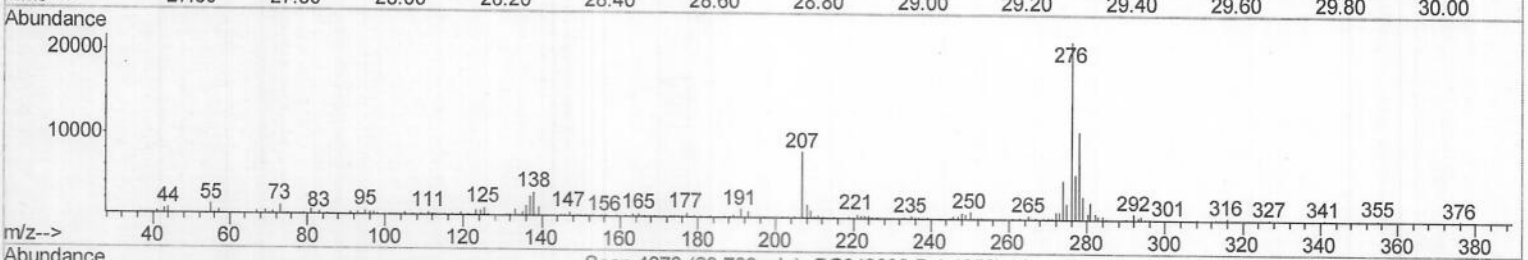

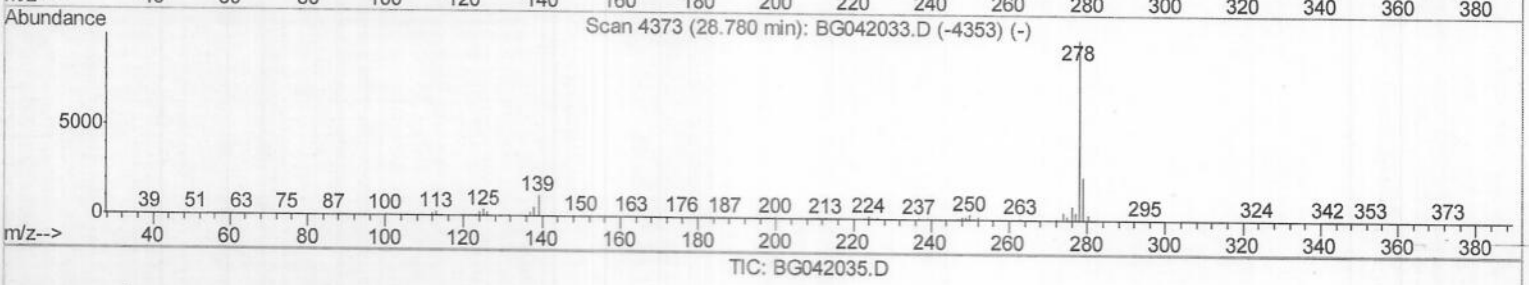

TIC: BG042035.D

(92) Dibenzo(a,h)anthracene

28.743min (-0.037) 0.81ng/ul

response 24806

Ion	Exp%	Act%
278.00	100	100
139.00	11.70	10.82
279.00	24.00	27.34
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG080719\

Quantitation Report (Qedit)

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BNA_G
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Manual Integrations APPROVED
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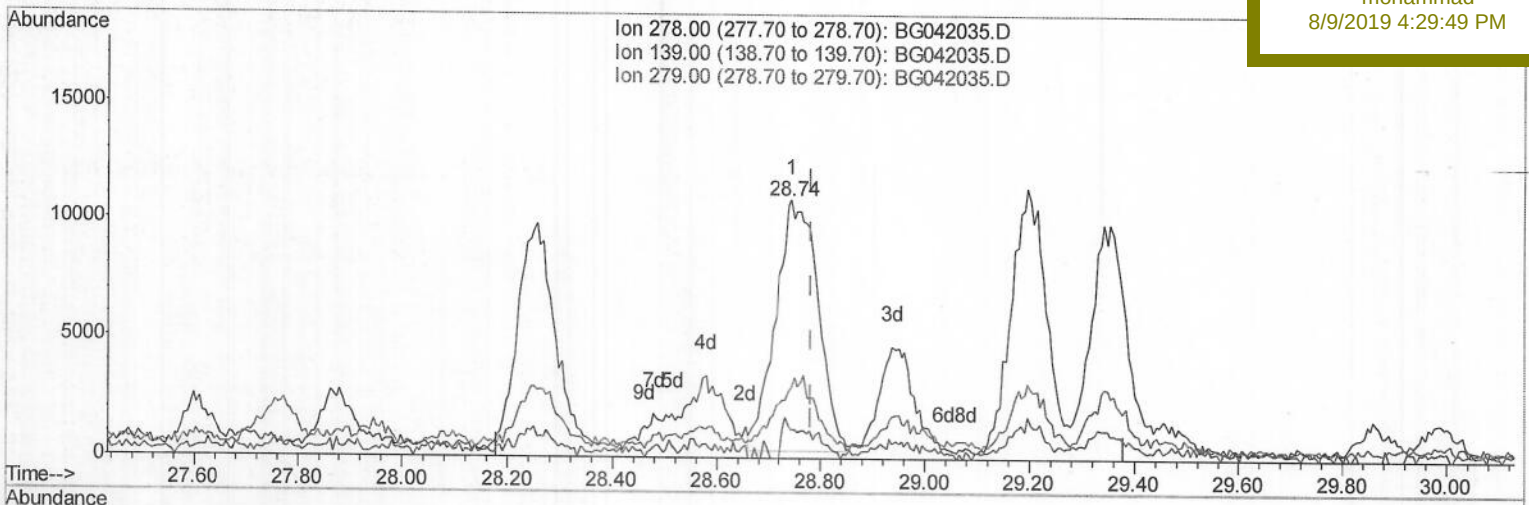

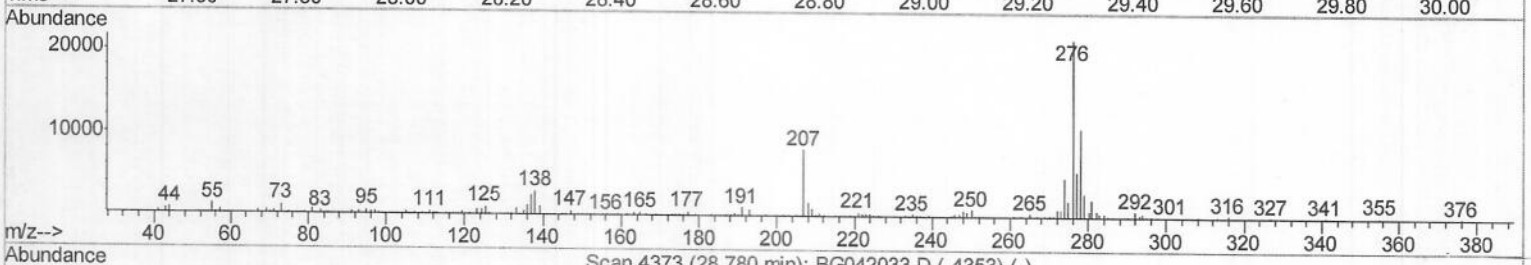

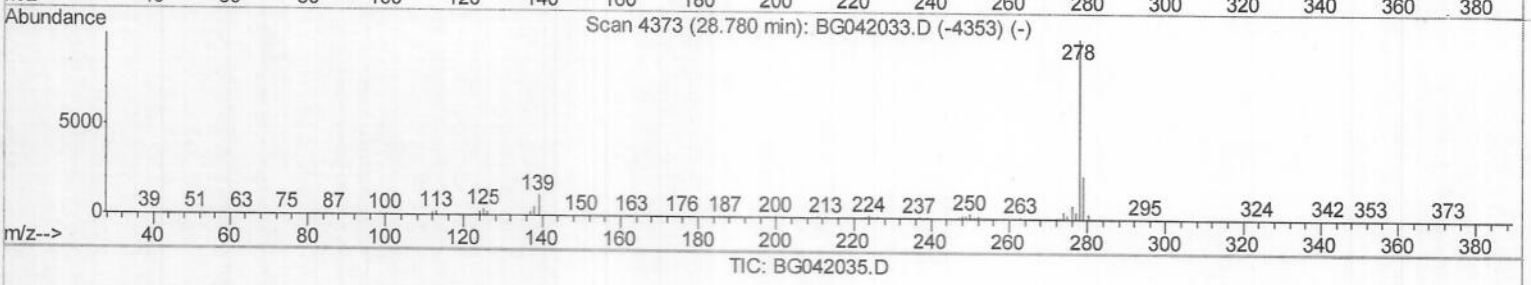

TIC: BG042035.D

(92) Dibenzo(a,h)anthracene

28.743min (-0.037) 1.94ng/ul m JU 08/14/19

response 59202

Ion	Exp%	Act%
278.00	100	100
139.00	11.70	10.82
279.00	24.00	27.34
0.00	0.00	0.00

Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080719\
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Instrument : BNA_G
ClientSampleId : BENR4

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	73479	20.00	ng/ul	0.00
18) Naphthalene-d8	10.85	136	309372	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.69	164	220317	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.44	188	463403	20.00	ng/ul	0.00
77) Chrysene-d12	21.72	240	446264	20.00	ng/ul	0.00
85) Perylene-d12	24.98	264	536032	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.41	96	3437m)	2.05	ng/uL	0.00) JU 08|14|19
5) Phenol-d5	7.18	99	81459	14.13	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.34	67	46079	14.29	ng/ul	0.00
9) 2-Chlorophenol-d4	7.56	132	79611	16.15	ng/ul	0.00
13) 4-Methylphenol-d8	8.73	113	68727	14.20	ng/ul	0.00
19) Nitrobenzene-d5	9.19	128	39996	17.17	ng/ul	0.00
22) 2-Nitrophenol-d4	9.92	143	51969	19.22	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.46	165	93177	17.07	ng/ul	0.00
29) 4-Chloroaniline-d4	10.98	131	93916	15.50	ng/ul	0.00
43) Dimethylphthalate-d6	14.08	166	332785	19.48	ng/ul	0.00
46) Acenaphthylene-d8	14.38	160	375969	19.26	ng/ul	0.00
51) 4-Nitrophenol-d4	14.87	143	36831	12.84	ng/ul	0.00
57) Fluorene-d10	15.68	176	294764	19.39	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.79	200	46686	15.70	ng/ul	0.00
70) Anthracene-d10	17.54	188	457632	20.58	ng/ul	0.00
78) Pyrene-d10	19.82	212	509552	20.46	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.77	264	578696	20.67	ng/ul	0.00
Target Compounds						Qvalue
44) Dimethylphthalate	14.13	163	116550	6.870	ng/ul	98
49) Acenaphthene	14.75	153	16214	1.177	ng/ul	95
69) Phenanthrene	17.48	178	391703	15.440	ng/ul	99
71) Anthracene	17.57	178	91666	3.563	ng/ul	96
76) Fluoranthene	19.49	202	573173	19.554	ng/ul	97
79) Pyrene	19.85	202	665191	22.160	ng/ul	98
80) Butylbenzylphthalate	20.74	149	13004	1.101	ng/ul	95
82) Benzo(a)anthracene	21.70	228	388351	12.551	ng/ul	100
83) Bis(2-ethylhexyl)phthalate	21.62	149	2154341	133.633	ng/ul#	83
84) Chrysene	21.77	228	389243	13.478	ng/ul	98
87) Benzo(b)fluoranthene	23.95	252	388802	11.558	ng/ul	97
88) Benzo(k)fluoranthene	24.01	252	137214m)	4.242	ng/ul	
90) Benzo(a)pyrene	24.83	252	333820	10.414	ng/ul	100 } JU 08|14|19
91) Indeno(1,2,3-cd)pyrene	28.71	276	180670	4.832	ng/ul	98
92) Dibenzo(a,h)anthracene	28.74	278	59202m)	1.941	ng/ul	
93) Benzo(g,h,i)perylene	29.87	276	186558	5.976	ng/ul	99

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