Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG080319\

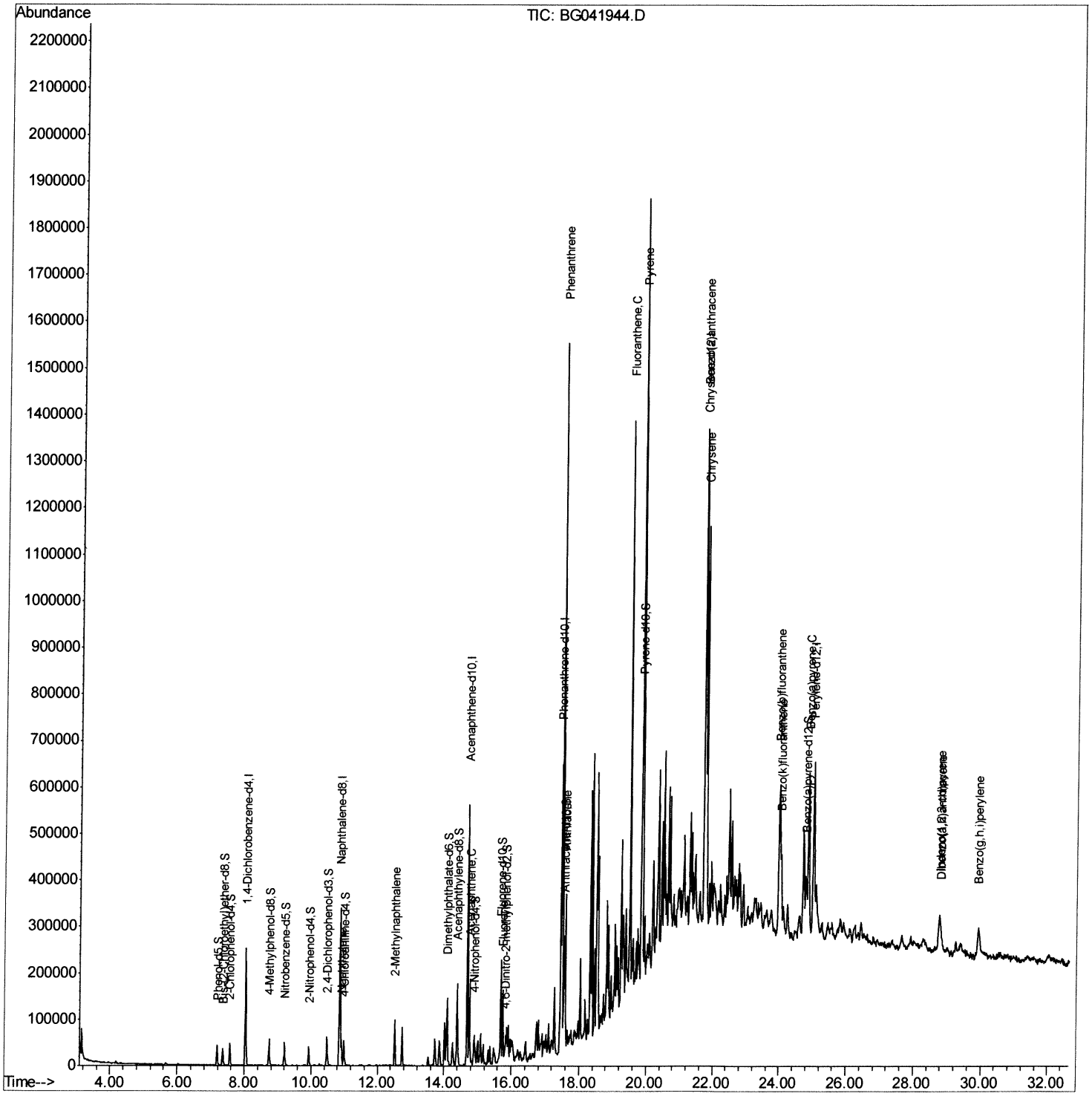
Quantitation Report (QT Reviewed)

Data File : BG041944.D
Acq On : 4 Aug 2019 15:41
Operator : HP/JU
Sample : K3850-09DL 5X
Misc :
ALS Vial : 45 Sample Multiplier: 1

Quant Time: Aug 05 04:15:01 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 05 01:19:19 2019
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
BENQ3DL

Manual Integrations APPROVED
mohammad
8/6/2019 12:18:46 PM



Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG080319\

Quantitation Report (Qedit)

Data File : BG041944.D
Acq On : 4 Aug 2019 15:41
Operator : HP/JU
Sample : K3850-09DL 5X
Misc :
ALS Vial : 45 Sample Multiplier: 1

Quant Time: Aug 05 01:24:28 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 05 01:19:19 2019
Response via : Initial Calibration

Instrument :
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ClientSampleId :
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Manual Integrations APPROVED
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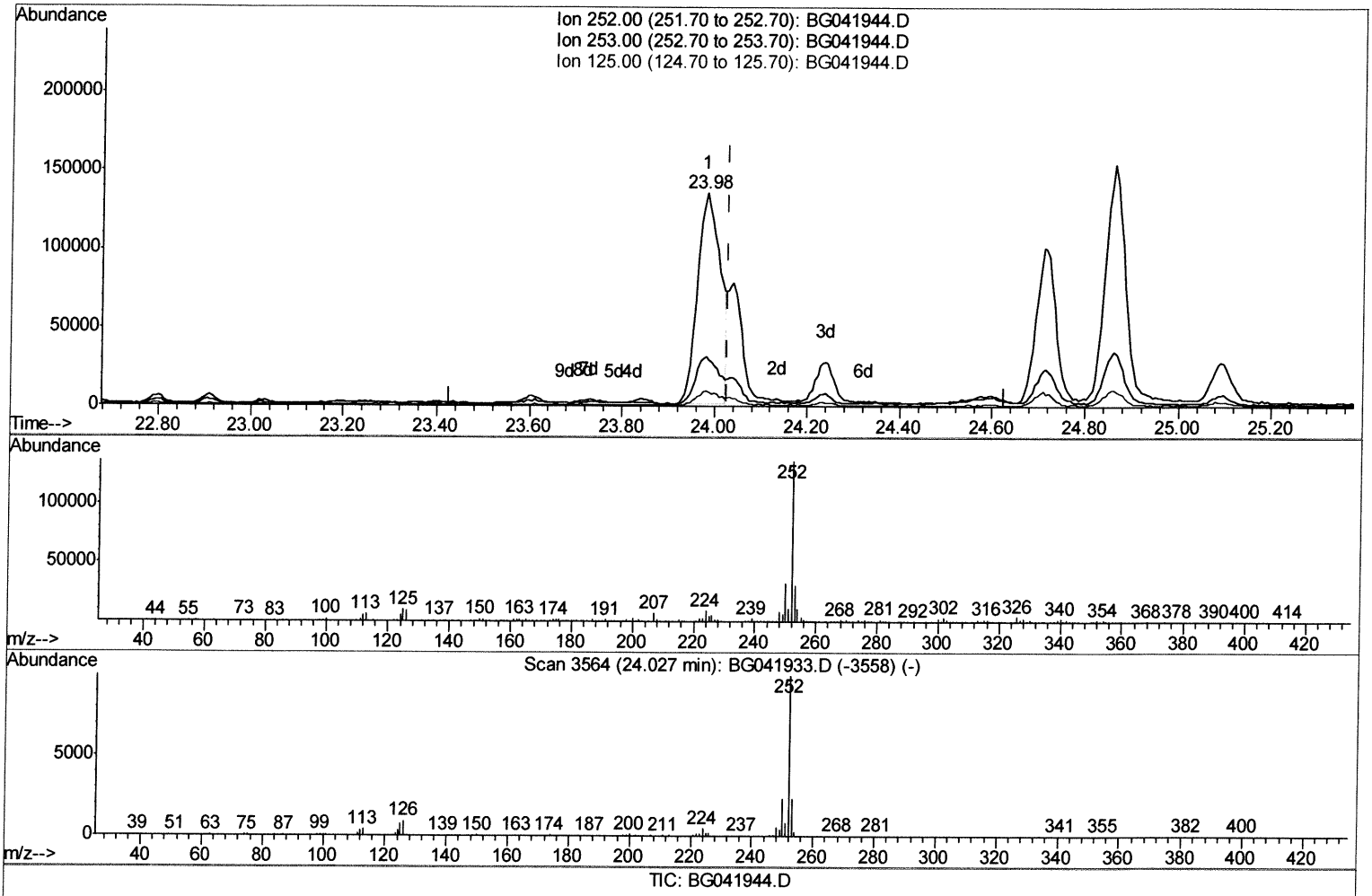

TIC: BG041944.D

(88) Benzo(k)fluoranthene

23.981min (-0.046) 16.23ng/ul

response 457764

Ion	Exp%	Act%
252.00	100	100
253.00	22.90	22.97
125.00	6.90	7.46
0.00	0.00	0.00

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BNA_G
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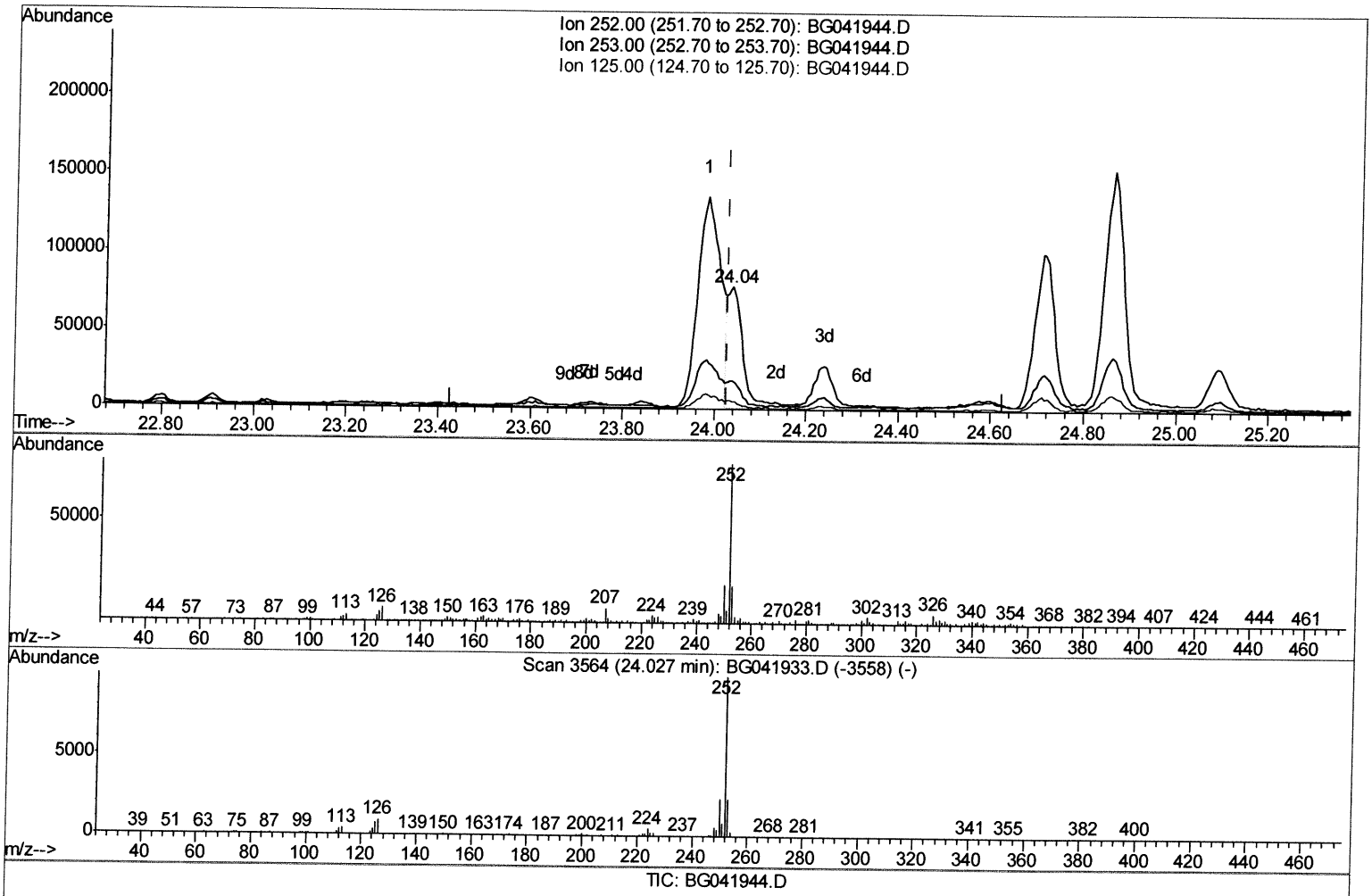
Manual Integrations APPROVED
mohammad
8/6/2019 12:18:46 PM



TIC: BG041944.D

(88) Benzo(k)fluoranthene

24.040min (+0.013) 6.18ng/ul m JU 05/05/19

response 174263

Ion	Exp%	Act%
252.00	100	100
253.00	22.90	23.48
125.00	6.90	6.68
0.00	0.00	0.00

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Quantitation Report (Qedit)

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Operator : HP/JU
Sample : K3850-09DL 5X
Misc :
ALS Vial : 45 Sample Multiplier: 1

Quant Time: Aug 05 01:24:28 2019
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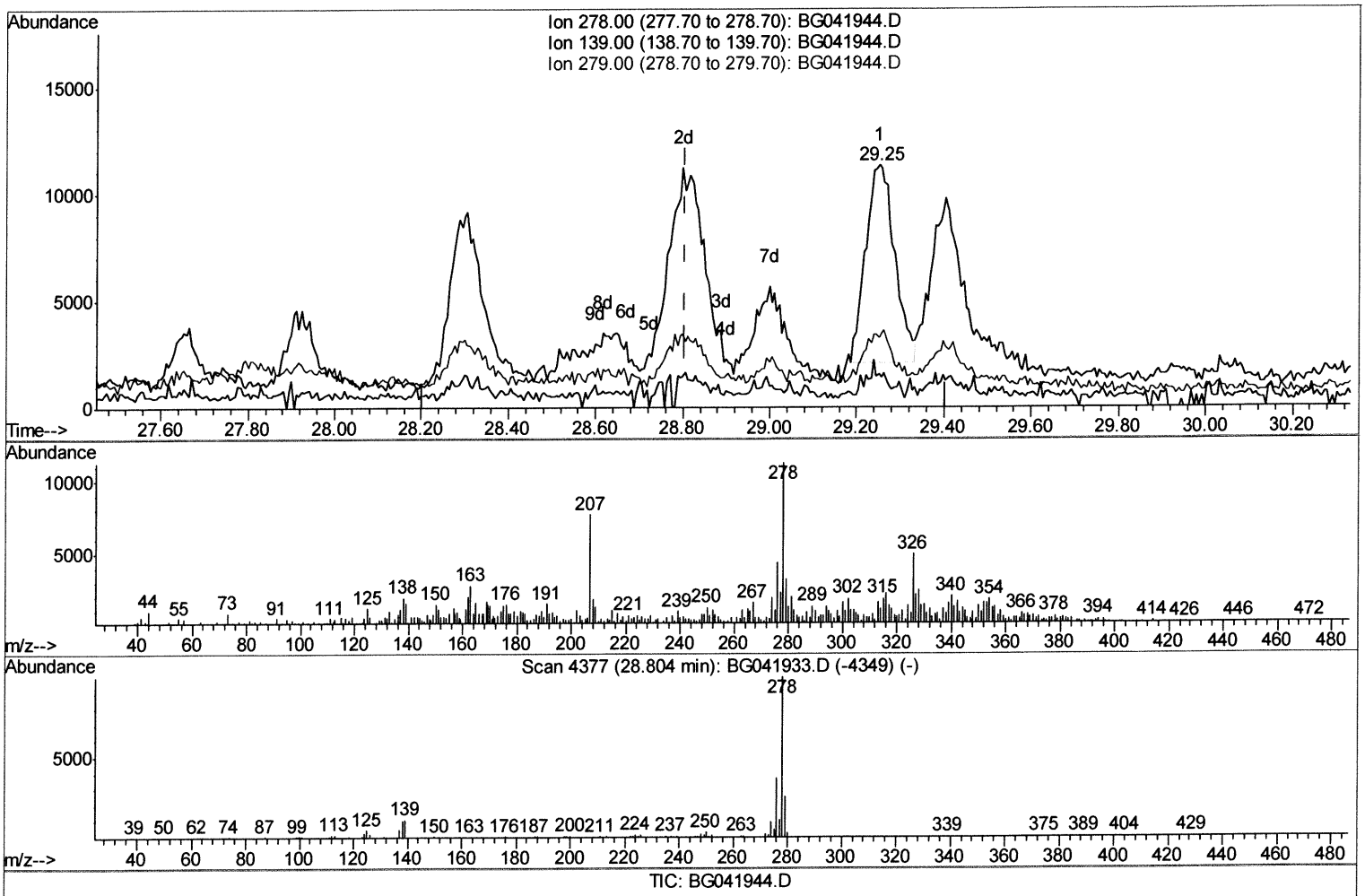
Instrument :
BNA_G
ClientSampleId :
BENQ3DL

Manual Integrations APPROVED
mohammad
8/6/2019 12:18:46 PM



TIC: BG041944.D

(92) Dibenzo(a,h)anthracene

29.251min (+0.447) 1.61ng/ul

response 42732

Ion	Exp%	Act%
278.00	100	100
139.00	11.70	13.44
279.00	24.00	28.49
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG080319\

Quantitation Report (Qedit)

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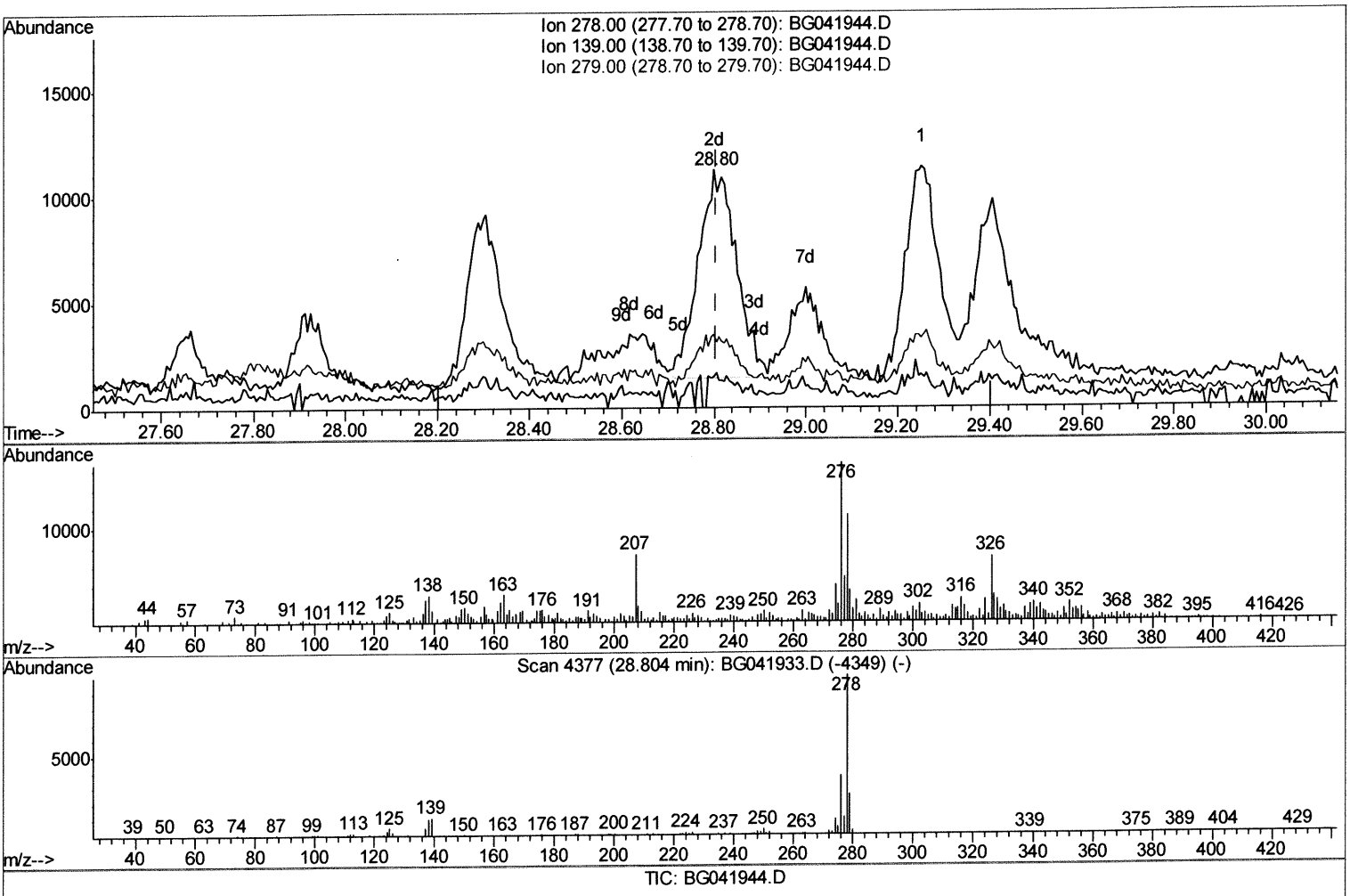
Acq On : 4 Aug 2019 15:41
Operator : HP/JU
Sample : K3850-09DL 5X
Misc :
ALS Vial : 45 Sample Multiplier: 1

Quant Time: Aug 05 01:24:28 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 05 01:19:19 2019
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
BENQ3DL

Manual Integrations APPROVED
mohammad
8/6/2019 12:18:46 PM



TIC: BG041944.D

(92) Dibenzo(a,h)anthracene

28.799min (-0.005) 2.14ng/ul m JU 08/05/19

response 56909

Ion	Exp%	Act%
278.00	100	100
139.00	11.70	12.83
279.00	24.00	30.76#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG080319\

Quantitation Report (QT Reviewed)

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Instrument : BNA_G
ClientSampleId : BENQ3DL

Manual Integrations APPROVED
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8/6/2019 12:18:46 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	83410	20.00	ng/ul	0.00
18) Naphthalene-d8	10.86	136	334459	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.70	164	214385	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.45	188	435632	20.00	ng/ul	0.00
77) Chrysene-d12	21.74	240	428873	20.00	ng/ul	0.00
85) Perylene-d12	25.01	264	467385	20.00	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	7.19	99	30012	4.58	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.35	67	18855	5.15	ng/ul	0.00
9) 2-Chlorophenol-d4	7.56	132	28178	5.04	ng/ul	0.00
13) 4-Methylphenol-d8	8.75	113	25782	4.69	ng/ul	0.00
19) Nitrobenzene-d5	9.20	128	15095	6.00	ng/ul	0.00
22) 2-Nitrophenol-d4	9.93	143	17474	5.98	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.48	165	31260	5.30	ng/ul	0.00
29) 4-Chloroaniline-d4	11.00	131	36670	5.60	ng/ul	0.01
43) Dimethylphthalate-d6	14.09	166	103877	6.25	ng/ul	0.00
46) Acenaphthylene-d8	14.39	160	132837	6.99	ng/ul	0.00
51) 4-Nitrophenol-d4	14.89	143	10331	3.70	ng/ul	0.02
57) Fluorene-d10	15.69	176	94768	6.41	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.81	200	5302	1.90	ng/ul	0.00
70) Anthracene-d10	17.55	188	142139	6.80	ng/ul	0.00
78) Pyrene-d10	19.84	212	158404	6.62	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.79	264	158509	6.49	ng/ul	0.01
Target Compounds						Qvalue
28) Naphthalene	10.91	128	51494	3.012	ng/ul	97
34) 2-Methylnaphthalene	12.52	142	53239	3.917	ng/ul	94
49) Acenaphthene	14.76	153	85110	6.350	ng/ul	99
58) Fluorene	15.74	166	72680	4.511	ng/ul	97
69) Phenanthrene	17.49	178	1004065	42.101	ng/ul	98
71) Anthracene	17.58	178	231541	9.572	ng/ul	98
76) Fluoranthene	19.50	202	761998	27.653	ng/ul	97
79) Pyrene	19.87	202	1164816	40.377	ng/ul	98
82) Benzo(a)anthracene	21.72	228	634650	21.343	ng/ul	99
84) Chrysene	21.78	228	660262	23.790	ng/ul	98
87) Benzo(b)fluoranthene	23.98	252	457764	15.607	ng/ul	100
88) Benzo(k)fluoranthene	24.04	252	174263m>	6.179	ng/ul →	
90) Benzo(a)pyrene	24.86	252	436215	15.607	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	28.76	276	139097	4.267	ng/ul	97
92) Dibenzo(a,h)anthracene	28.80	278	56909m>	2.140	ng/ul →	
93) Benzo(g,h,i)perylene	29.92	276	134189	4.930	ng/ul#	96

JU 08/05/19

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