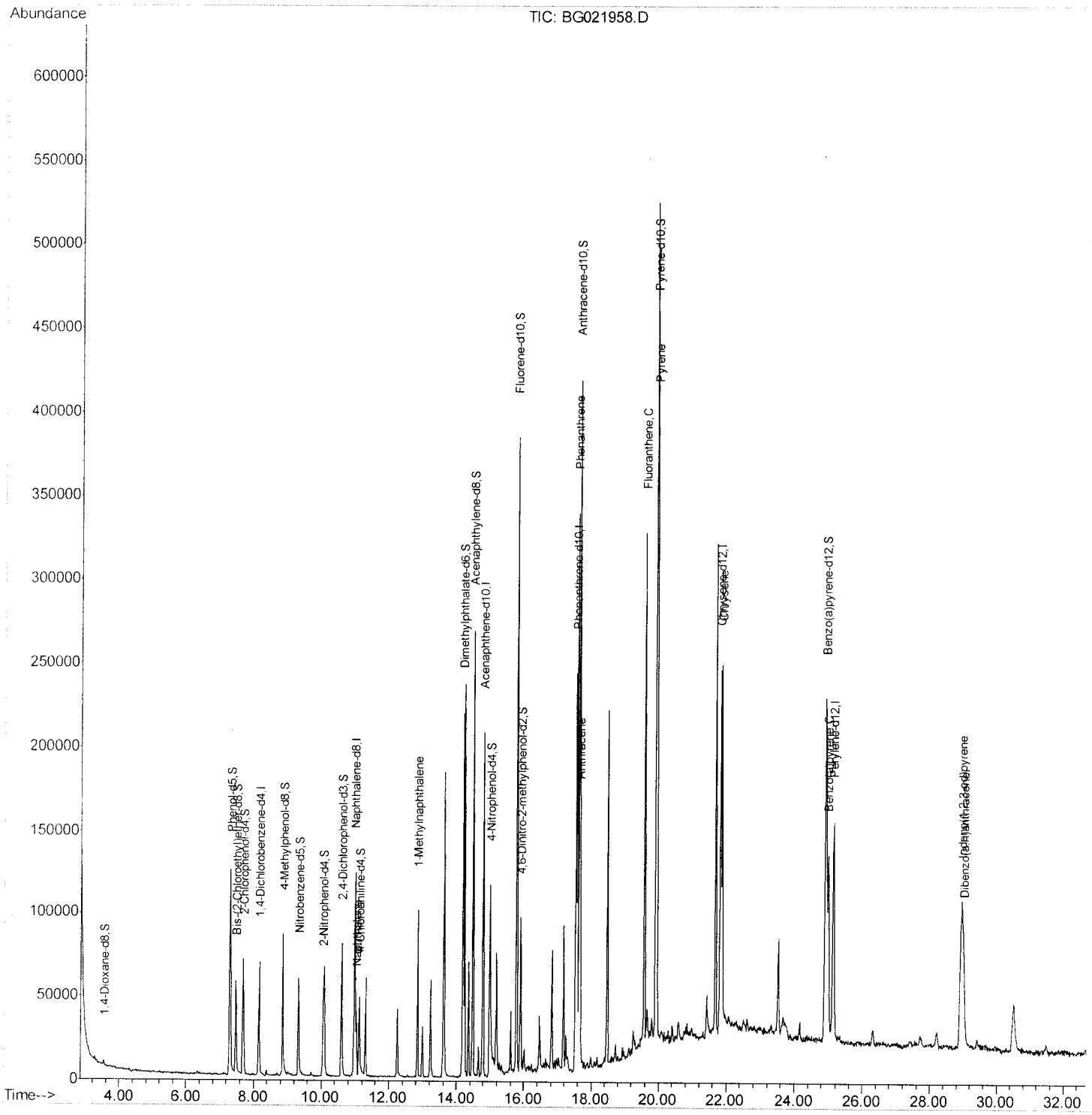
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG051916\
Data File : BG021958.D
Acq On : 19 May 2016 11:14
Operator : UM/SJ
Sample : H3092-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: May 20 05:53:18 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG051816.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 20 05:44:47 2016
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
D9XD6

Manual Integrations APPROVED
sohil
5/20/2016 7:15:16 PM



Quantitation Report (Qedit)

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Data File : BG021958.D
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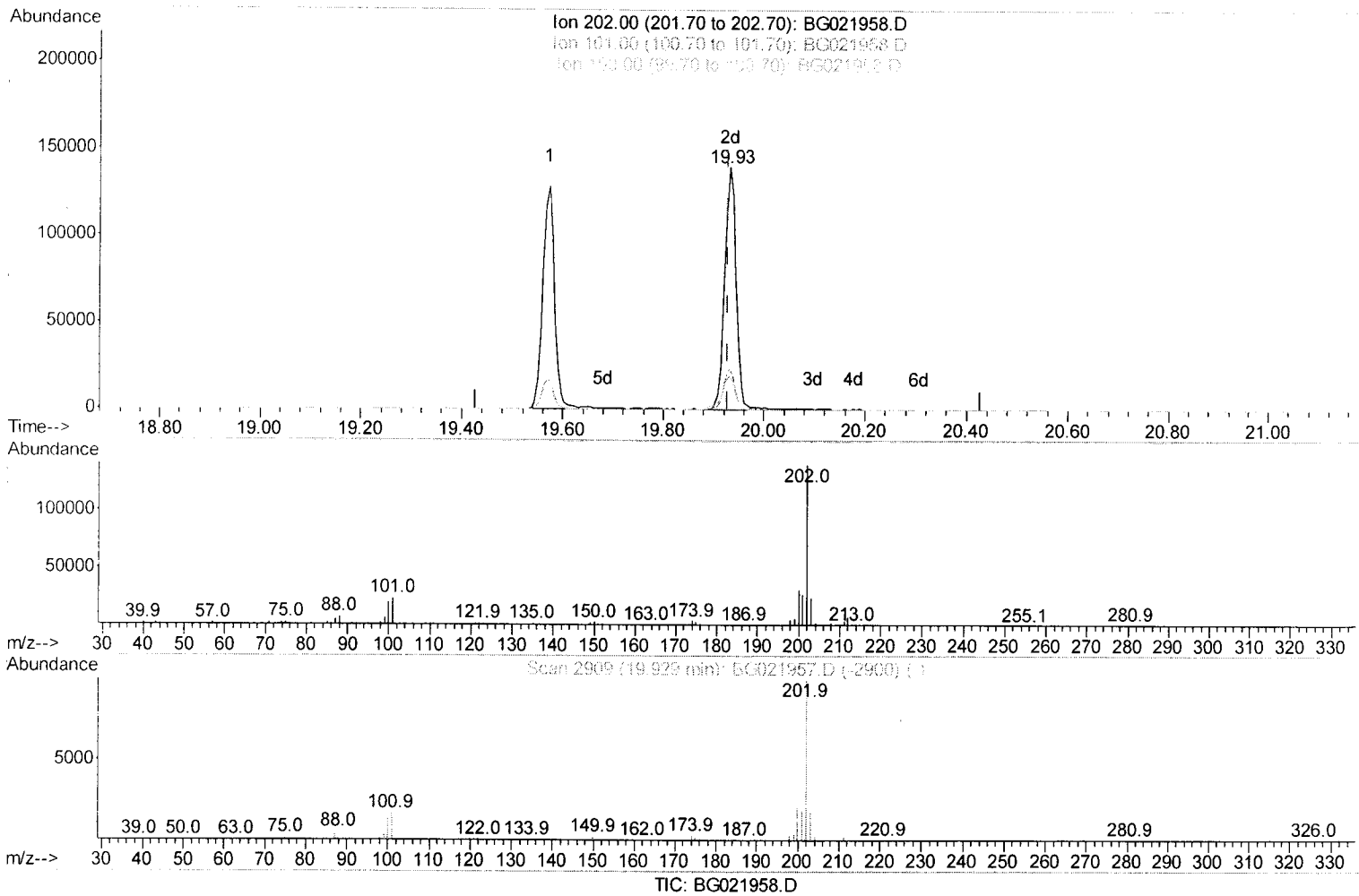

TIC: BG021958.D

(31) Pyrene

19.931min (+0.003) 21.75ng/ul m U.M 05/24/16

response 216105

Ion	Exp%	Act%
202.00	100	100
101.00	12.30	16.89#
100.00	11.60	14.04#
0.00	0.00	0.00

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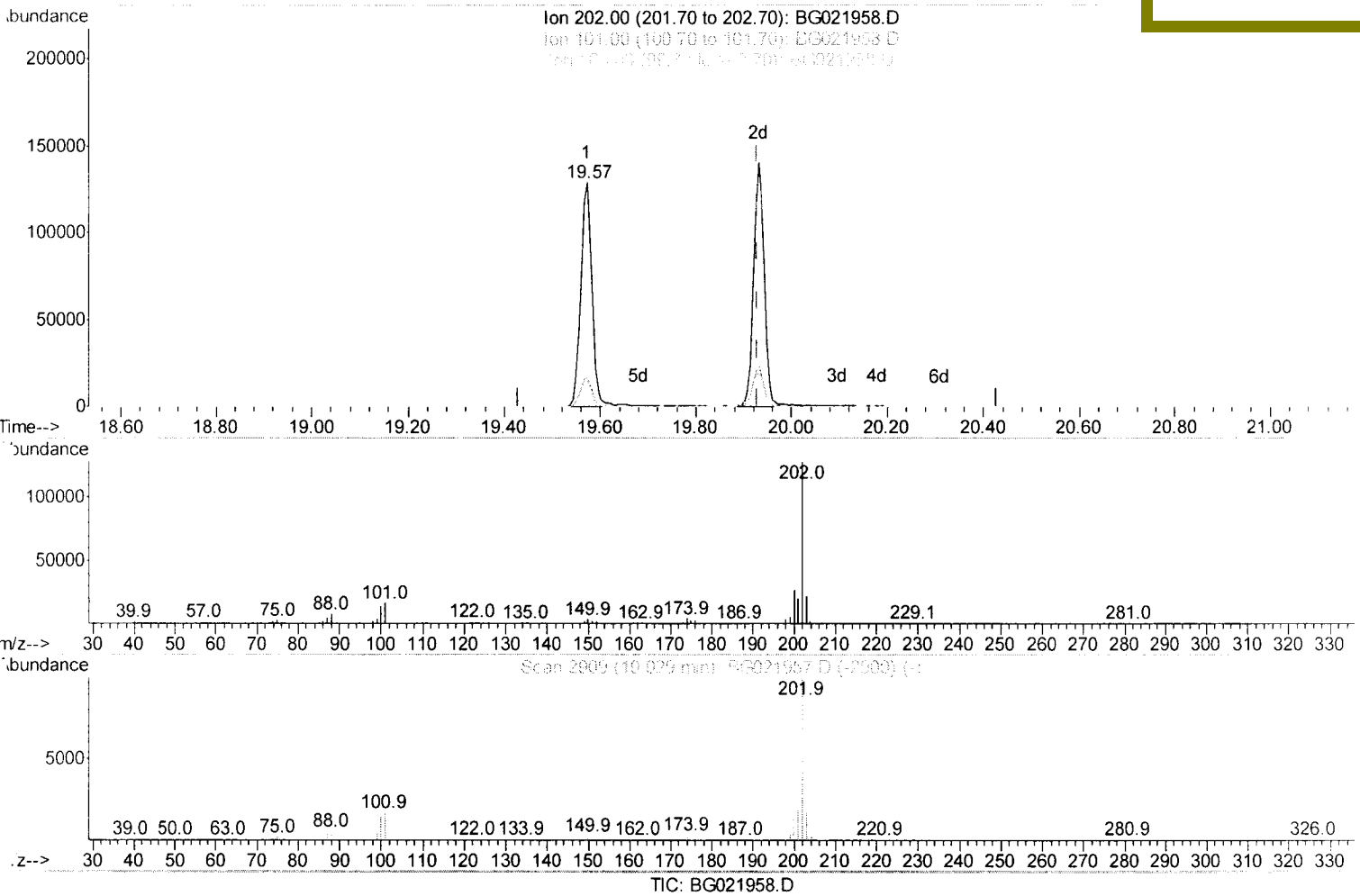
Manual Integrations APPROVED
sohil
5/20/2016 7:15:16 PM



(31) Pyrene

19.573min (-0.356) 20.78ng/ul

response 206474

Ion	Exp%	Act%
202.00	100	100
101.00	12.30	12.94
100.00	11.60	11.27
0.00	0.00	0.00

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BNA_G
ClientSampleId :
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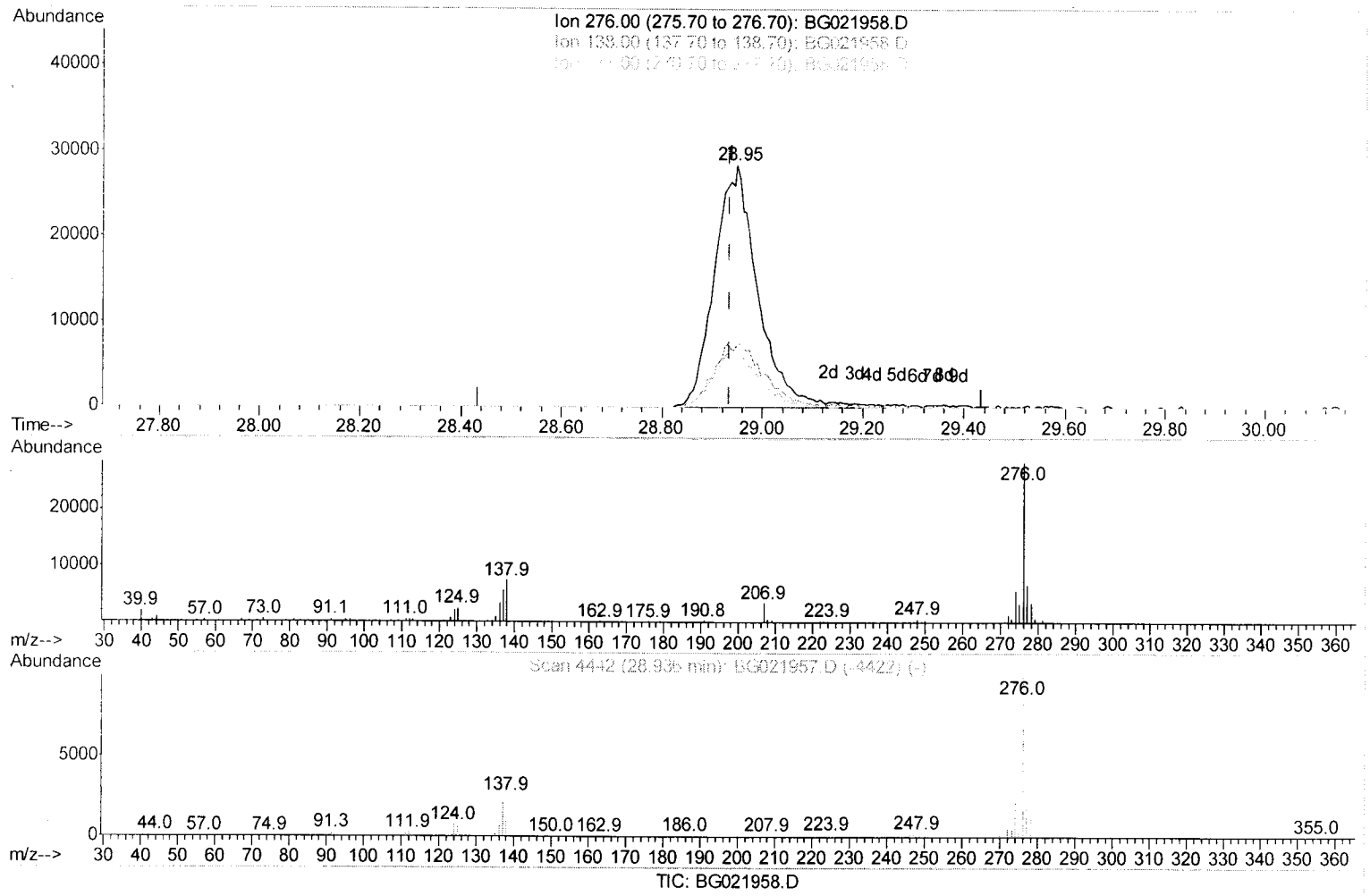
Manual Integrations APPROVED
sohil
5/20/2016 7:15:16 PM



TIC: BG021958.D

(39) Indeno(1,2,3-cd)pyrene

28.950min (+0.014) 20.42ng/ul m U.M 05/24/16

response 168324

Ion	Exp%	Act%
276.00	100	100
138.00	19.70	26.17#
277.00	23.80	23.48
0.00	0.00	0.00

Quantitation Report (Qedit)

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ALS Vial : 3 Sample Multiplier: 1

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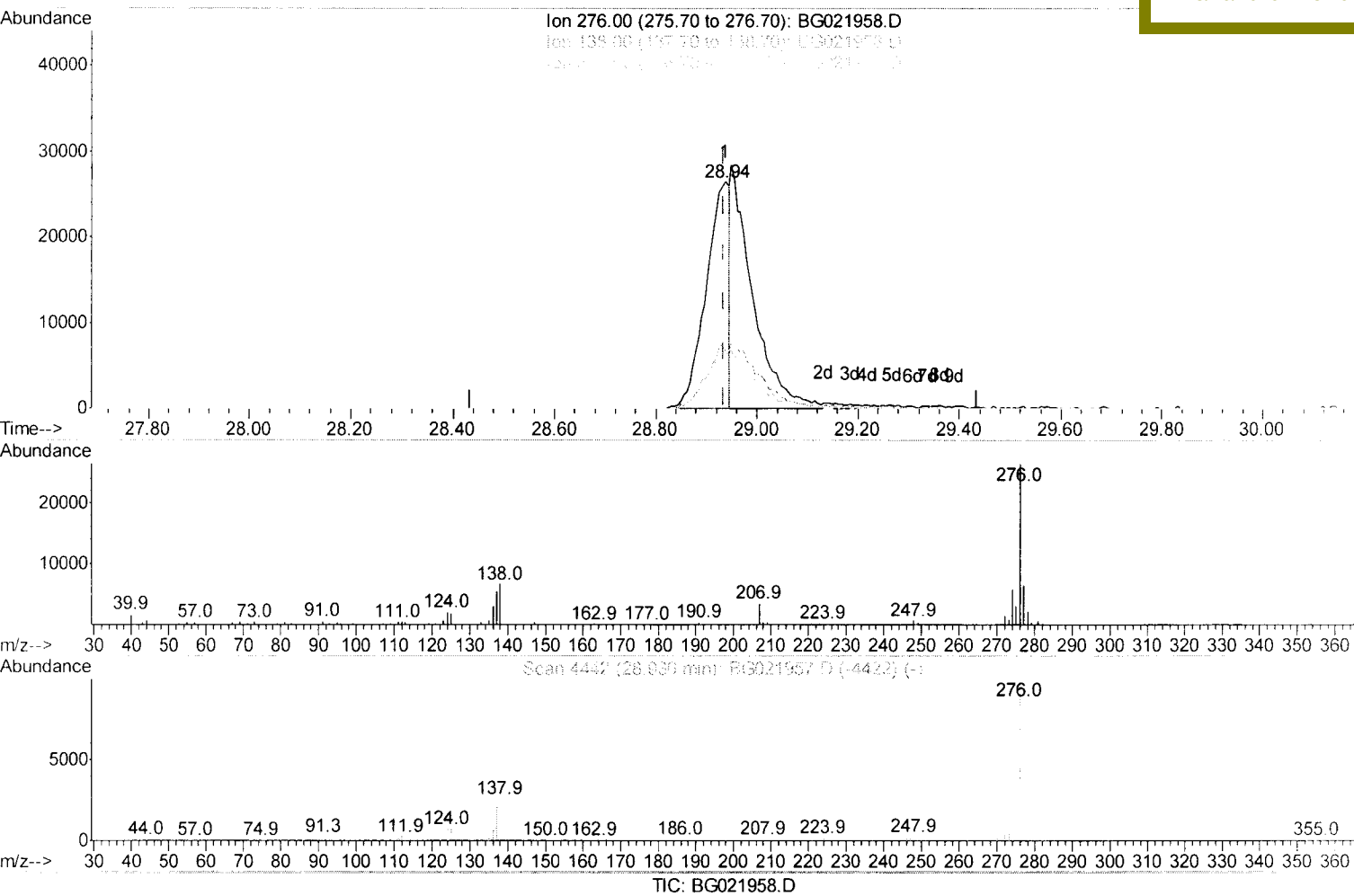
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
D9XD6

Manual Integrations APPROVED
sohil
5/20/2016 7:15:16 PM



TIC: BG021958.D

(39) Indeno(1,2,3-cd)pyrene

28.938min (+0.003) 9.94ng/ul

response 81898

Ion	Exp%	Act%
276.00	100	100
138.00	19.70	25.64#
277.00	23.80	25.07
0.00	0.00	0.00

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Instrument : BNA_G
ClientSampleId : D9XD6

Manual Integrations APPROVED
sohil
5/20/2016 7:15:16 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	26306	20.00	ng/ul	0.00
7) Naphthalene-d8	10.98	136	136328	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.78	164	80212	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.53	188	163221	20.00	ng/ul	0.00
29) Chrysene-d12	21.81	240	144285	20.00	ng/ul	0.00
34) Perylene-d12	25.14	264	131923	20.00	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.54	96	2362	4.12	ng/uL	0.00
3) Phenol-d5	7.31	99	53256	22.93	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	7.48	67	29932	24.19	ng/ul	0.00
5) 2-Chlorophenol-d4	7.69	132	47905	25.12	ng/ul	0.00
6) 4-Methylphenol-d8	8.86	113	46338	22.39	ng/ul	0.00
8) Nitrobenzene-d5	9.33	128	25482	26.64	ng/ul	0.00
9) 2-Nitrophenol-d4	10.05	143	26169	25.64	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.59	165	43804	24.29	ng/ul	0.00
12) 4-Chloroaniline-d4	11.11	131	48357	34.04	ng/ul	0.00
16) Dimethylphthalate-d6	14.18	166	187315	30.29	ng/ul	0.00
17) Acenaphthylene-d8	14.48	160	232157	29.14	ng/ul	0.00
20) 4-Nitrophenol-d4	14.98	143	28883	26.55	ng/ul	0.00
21) Fluorene-d10	15.77	176	168917	30.35	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.89	200	20327	25.09	ng/ul	0.00
26) Anthracene-d10	17.63	188	263006	34.97	ng/ul	0.00
30) Pyrene-d10	19.90	212	285083	37.45	ng/ul	0.00
37) Benzo(a)pyrene-d12	24.90	264	232909	39.75	ng/ul	0.00
Target Compounds						Qvalue
11) Naphthalene	11.03	128	42533	6.41	ng/ul	98
14) 1-Methylnaphthalene	12.84	142	59885	12.18	ng/ul#	97
25) Phenanthrene	17.57	178	236411	27.10	ng/ul	97
27) Anthracene	17.66	178	92775	10.58	ng/ul	98
28) Fluoranthene	19.57	202	206474	22.77	ng/ul#	94
31) Pyrene	19.93	202	216105m	21.75	ng/ul	
33) Chrysene	21.86	228	150053	19.27	ng/ul	99
38) Benzo(a)pyrene	24.97	252	119358	16.46	ng/ul#	95
39) Indeno(1,2,3-cd)pyrene	28.95	276	168324m	20.42	ng/ul	
40) Dibenzo(a,h)anthracene	29.01	278	84693	12.40	ng/ul	95

U.M 05/24/16

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