

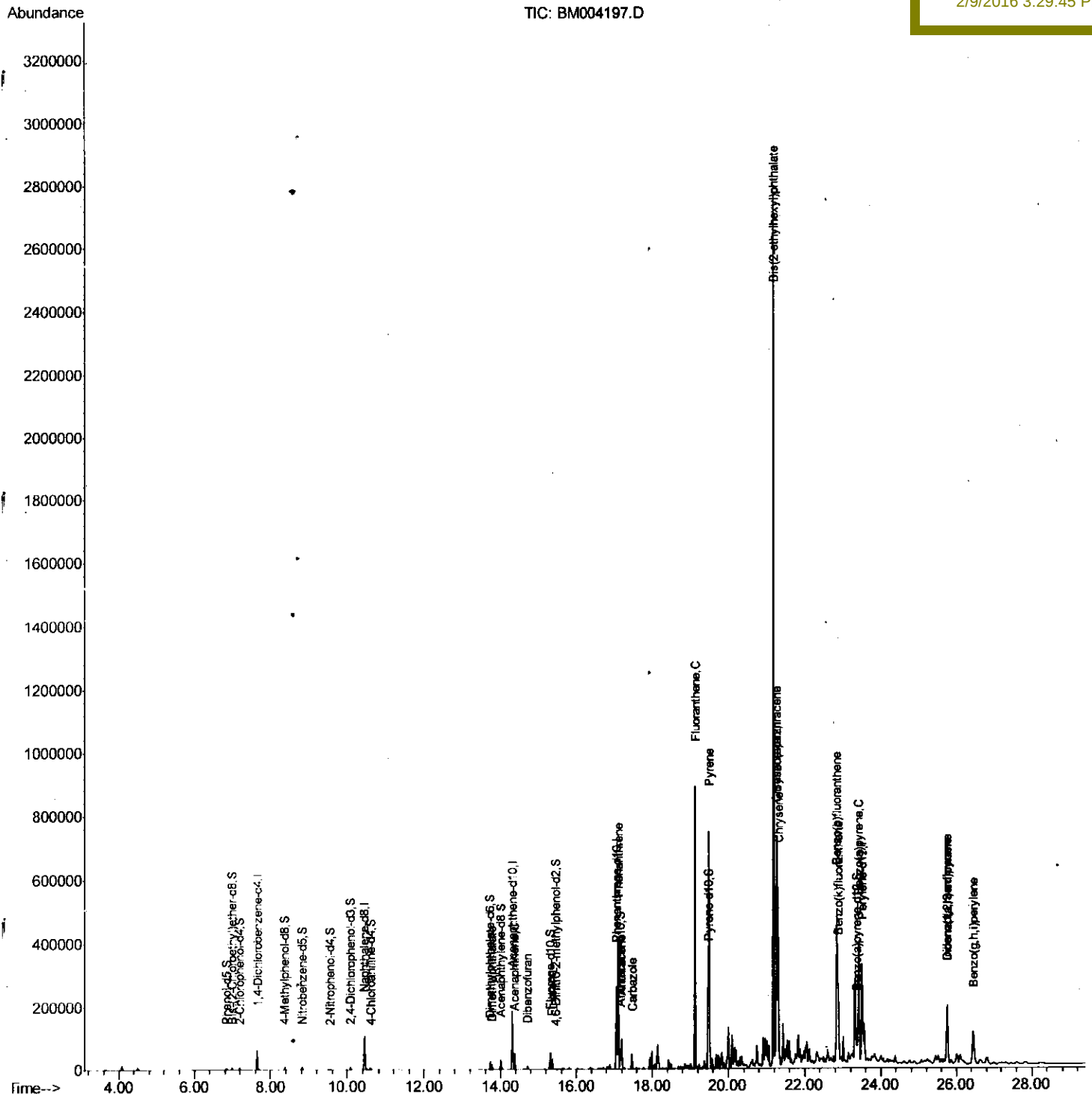
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM020816\
Data File : BM004197.D
Acq On : 08 Feb 2016 . 13:23
Operator : SJ/IZ
Sample : H1340-11 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Feb 09 00:20:08 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM012016.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Feb 09 00:07:17 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C04K1

Manual Integrations
APPROVED

UMANGI
2/9/2016 3:29:45 PM



Quantitation Report (Qedit)

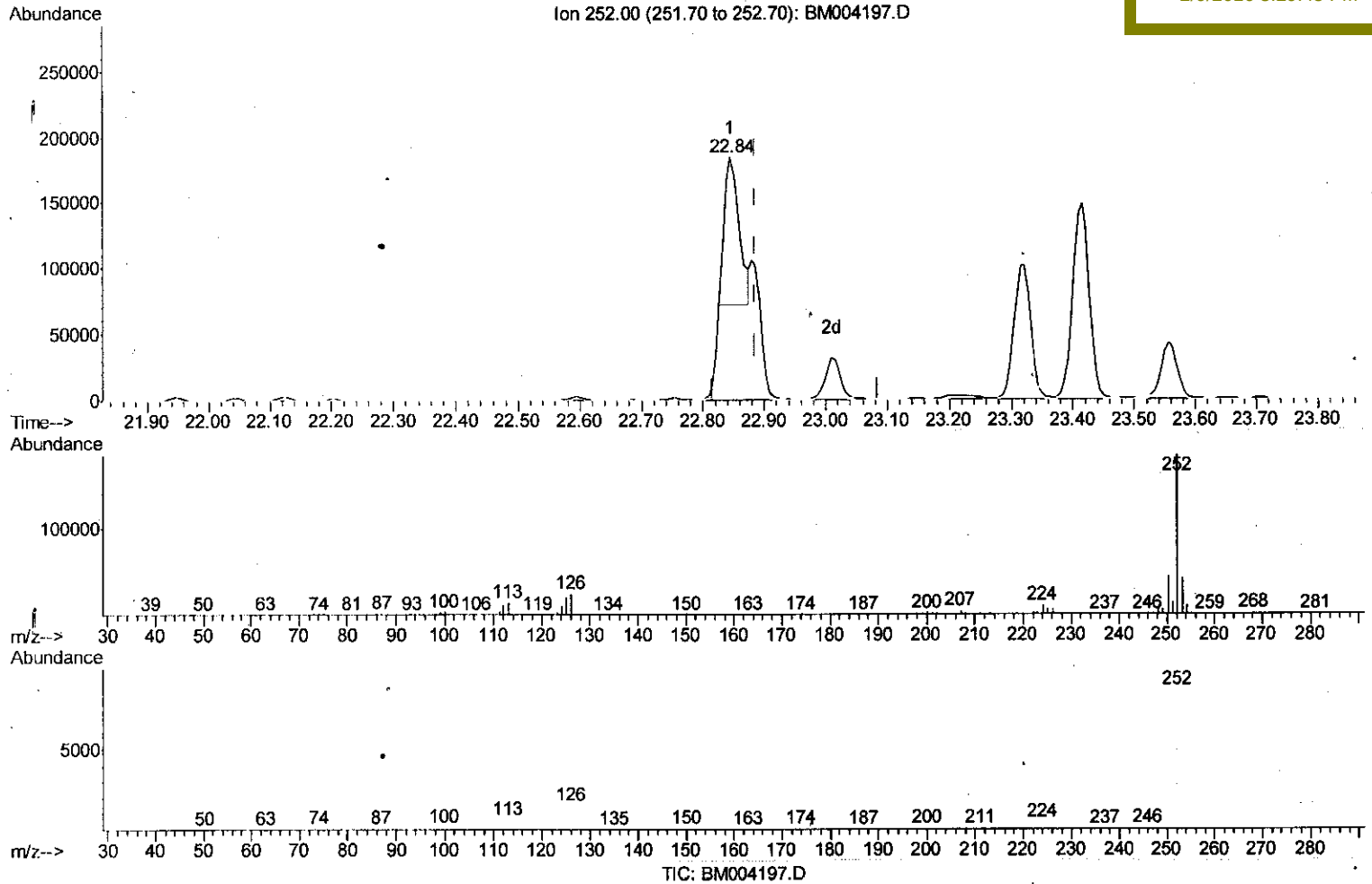
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM020816\
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 ClientSampled :
 C04K1

Quant Time: Feb 09 00:10:48 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM012016.M
 Quant Title : SVOA CALIBRATION
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(89) Benzo(k)fluoranthene

22.844min (-0.041) 14.53ng/ul

response 188068

Ion	Exp%	Act%
252.00	100	100
253.00	21.60	22.51
125.00	10.20	11.24
0.00	0.00	0.00

Quantitation Report (Qedit)

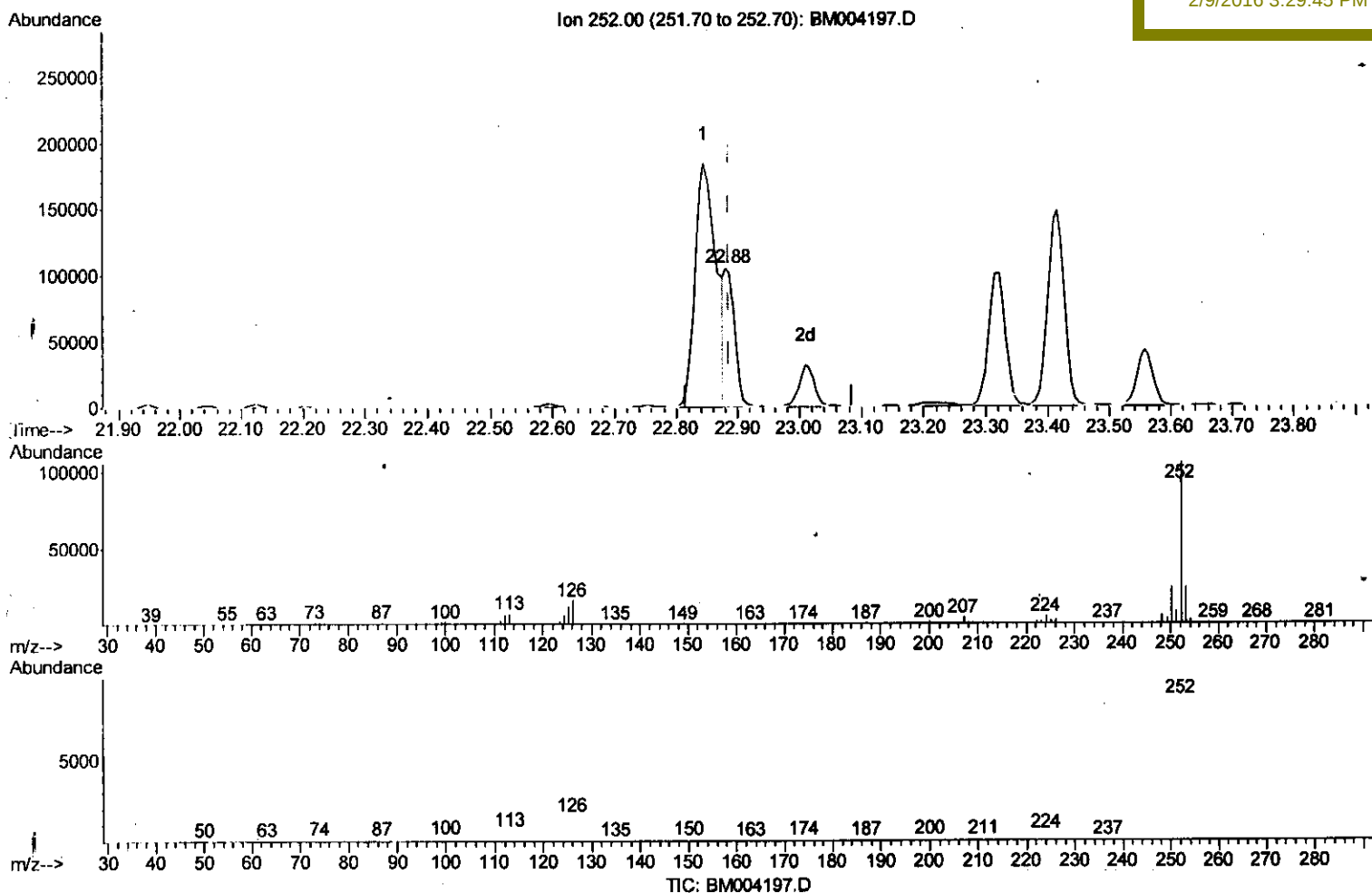
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM020816\
 Data File : BM004197.D
 Acq On : 08 Feb 2016 13:23
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Instrument :
 BNA_M
 Client Sampled :
 C04K1

Manual Integrations
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(89) Benzo(k)fluoranthene

22.880min (-0.006) 9.65ng/ul m

response 124907

Ion	Exp%	Act%
252.00	100	100
253.00	21.60	23.10
125.00	10.20	11.04
0.00	0.00	0.00

Quantitation Report (Qedit)

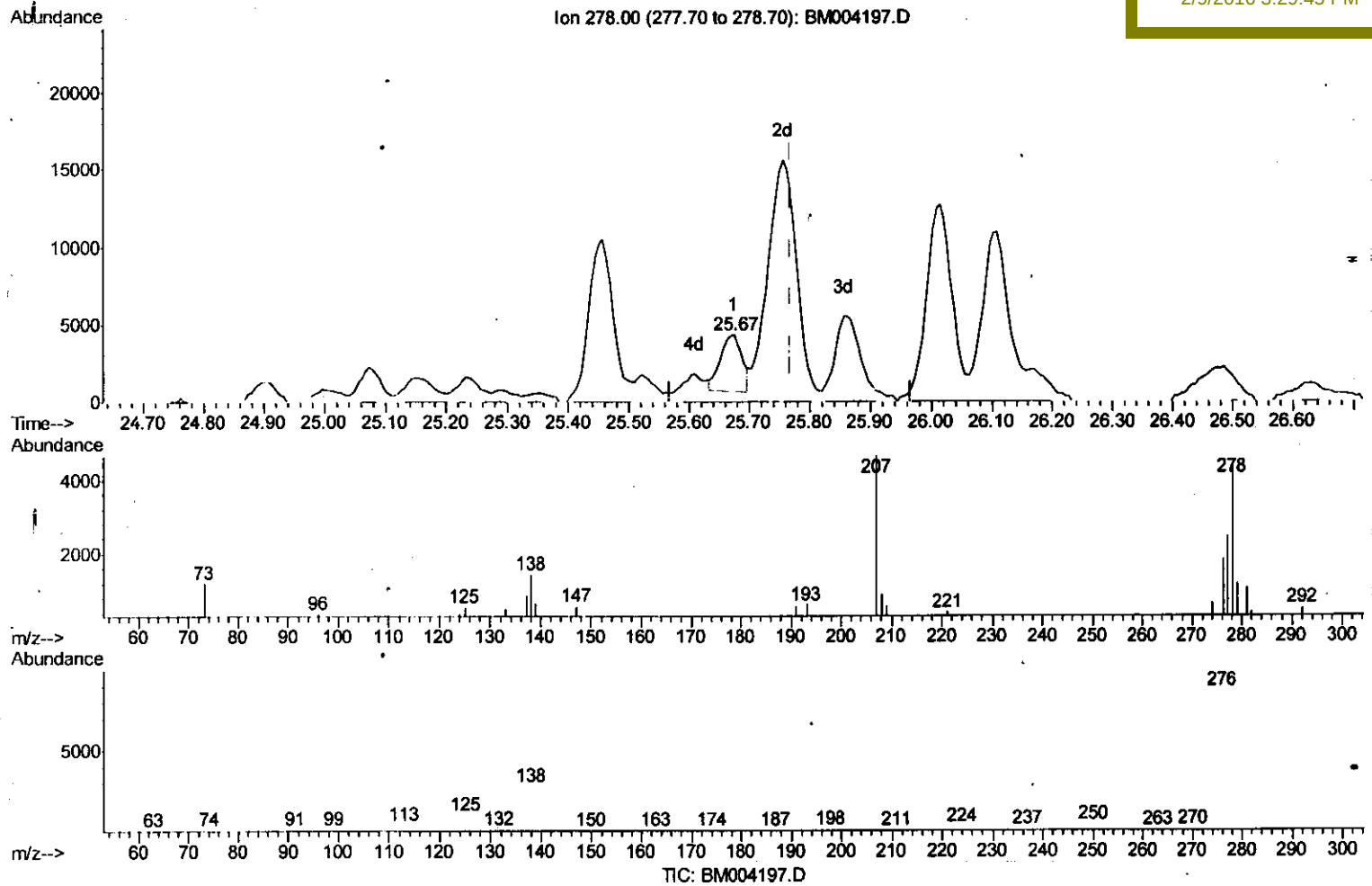
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM020816\
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Manual Integrations
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(93) Dibenzo(a,h)anthracene

25.674min (-0.094) 0.69ng/ui

response 9245

Ion	Exp%	Act%
278.00	100	100
139.00	17.40	15.22
279.00	23.70	26.96
0.00	0.00	0.00

Quantitation Report (Qedit)

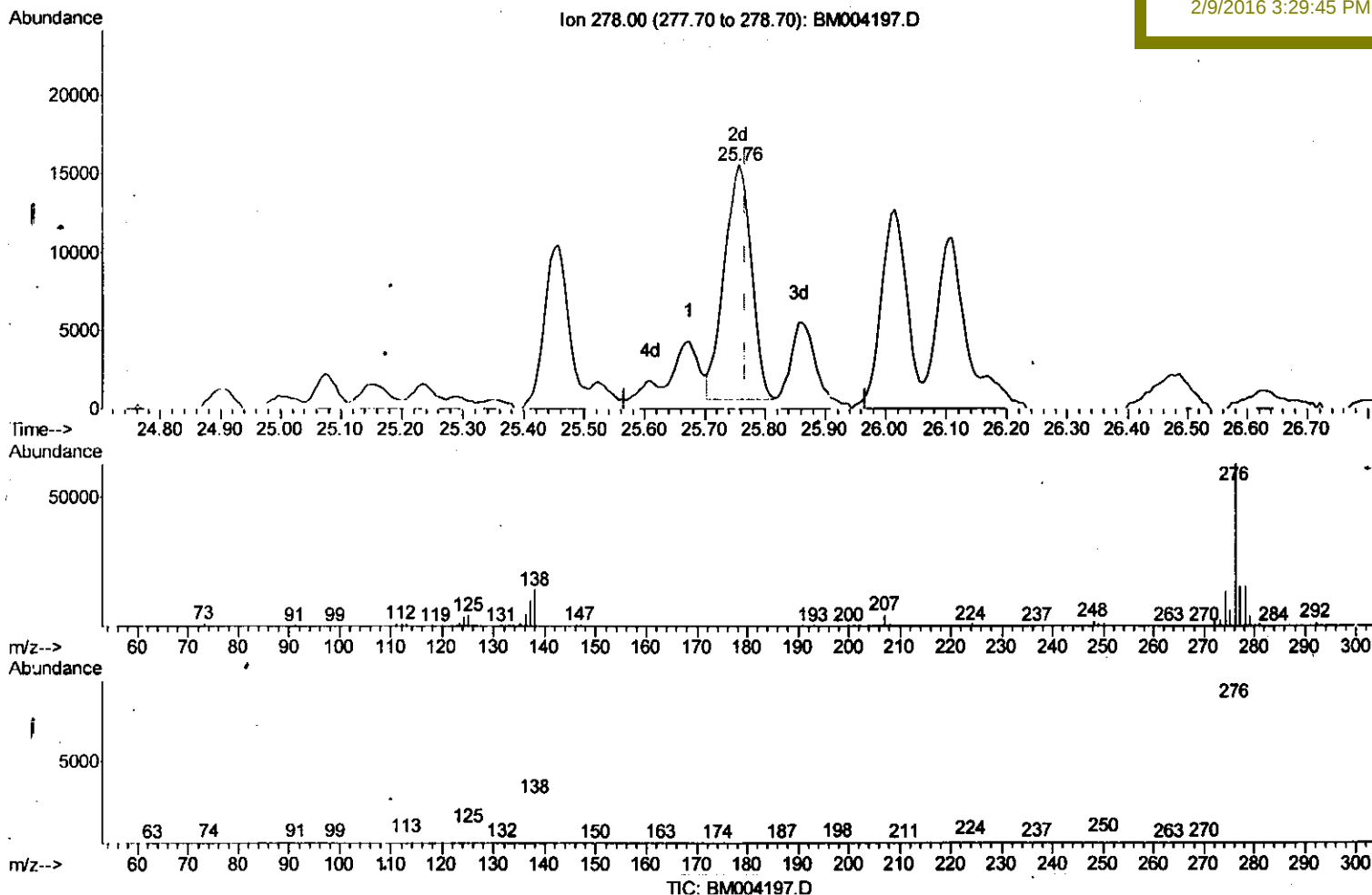
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM020816\
 Data File : BM004197.D
 Acq On : 08 Feb 2016 13:23
 Operator : SJ/IZ
 Sample : H1340-11 5X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

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Instrument :
 BNA_M
 ClientSampleId :
 C04K1

Manual Integrations
 APPROVED

UMANGI
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(93) Dibenzo(a,h)anthracene

25.756min (-0.012) 3.52ng/ul m

response 47070

Ion	Exp%	Act%
278.00	100	100
139.00	17.40	0.00#
279.00	23.70	26.73
0.00	0.00	0.00

S.J
2/11/16

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM020816\
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Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	19509	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	98391	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.32	164	63351	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.07	188	160304	20.00	ng/ul	0.00
78) Chrysene-d12	21.28	240	204520	20.00	ng/ul	0.00
86) Perylene-d12	23.51	264	217636	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	6.84	99	6456	3.39	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.99	67	3829	3.78	ng/ul	0.00
9) 2-Chlorophenol-d4	7.19	132	5775	3.90	ng/ul	0.00
13) 4-Methylphenol-d8	8.37	113	4811	2.95	ng/ul	0.00
19) Nitrobenzene-d5	8.82	128	2235	3.06	ng/ul	0.00
22) 2-Nitrophenol-d4	9.54	143	2310	2.85	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.08	165	5322	3.54	ng/ul	0.01
29) 4-Chloroaniline-d4	10.59	131	6205	3.24	ng/ul	0.00
44) Dimethylphthalate-d6	13.72	166	21781	4.00	ng/ul	0.00
47) Acenaphthylene-d8	14.00	160	25765	4.06	ng/ul	0.00
52) 4-Nitrophenol-d4	14.56	143	816	0.75	ng/ul	0.02
58) Fluorene-d10	15.31	176	22495	4.81	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.46	200	1296	1.31	ng/ul	0.00
71) Anthracene-d10	17.16	188	36883	4.73	ng/ul	0.00
79) Pyrene-d10	19.47	212	46951	5.12	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.37	264	57234	5.04	ng/ul	0.00

Target Compounds

						Qvalue
45) Dimethylphthalate	13.77	163	12879	2.24	ng/ul	98
50) Acenaphthene	14.38	153	23493	4.95	ng/ul	96
54) Dibenzofuran	14.72	168	8868	1.31	ng/ul	98
59) Fluorene	15.37	166	15968	2.84	ng/ul	99
70) Phenanthrene	17.11	178	246940	25.24	ng/ul	100
72) Anthracene	17.20	178	65061	6.56	ng/ul	100
75) Carbazole	17.47	167	31734	3.52	ng/ul	99
77) Fluoranthene	19.14	202	541862	47.59	ng/ul	99
80) Pyrene	19.50	202	468282	37.24	ng/ul	100
83) Benzo(a)anthracene	21.26	228	305830	23.49	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.19	149	1137703	141.18	ng/ul#	98
85) Chrysene	21.32	228	307478	24.84	ng/ul	97
88) Benzo(b)fluoranthene	22.84	252	432028	31.10	ng/ul	99
89) Benzo(k)fluoranthene	22.88	252	124907m	9.65	ng/ul	
91) Benzo(a)pyrene	23.41	252	273590	20.39	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.76	276	173231	10.81	ng/ul	95
93) Dibenzo(a,h)anthracene	25.76	278	47070m	3.52	ng/ul	
94) Benzo(g,h,i)perylene	26.44	276	129079	9.45	ng/ul	99

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

S. J
 2/11/16