

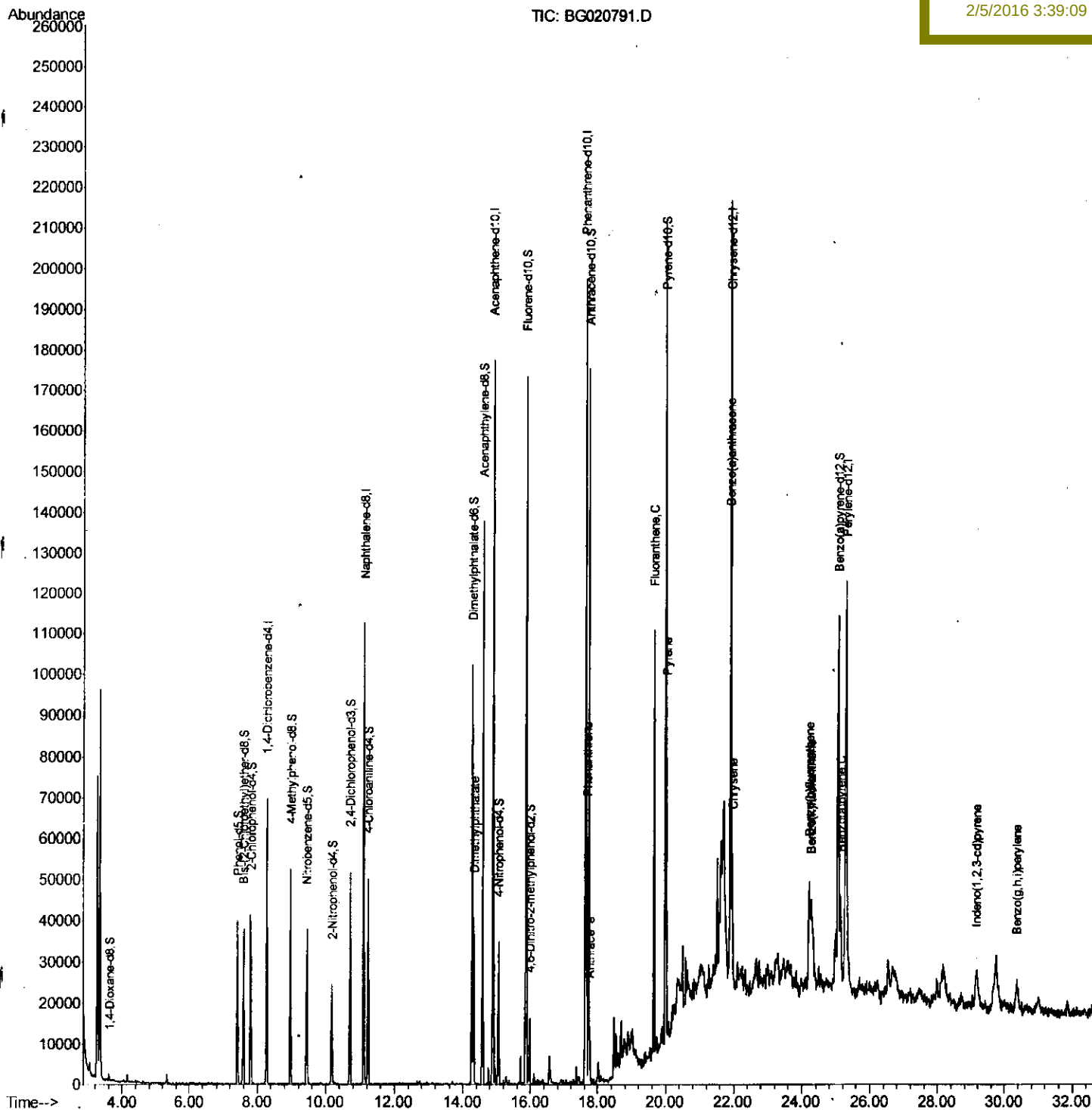
Data Path : Z:\HPCHEM1\BNA_G\Data\BG020416\
Data File : BG020791.D
Acq On : 4 Feb 2016 17:49
Operator : SJ/IZ
Sample : H1334-22
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Feb 05 07:20:11 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG012716.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Feb 05 04:10:17 2016
Response via : Initial Calibration

Instrument :
BNA_G
Client Sampled :
BBG19

Manual Integrations
APPROVED

mohammad
2/5/2016 3:39:09 PM



Quantitation Report (Qedit)

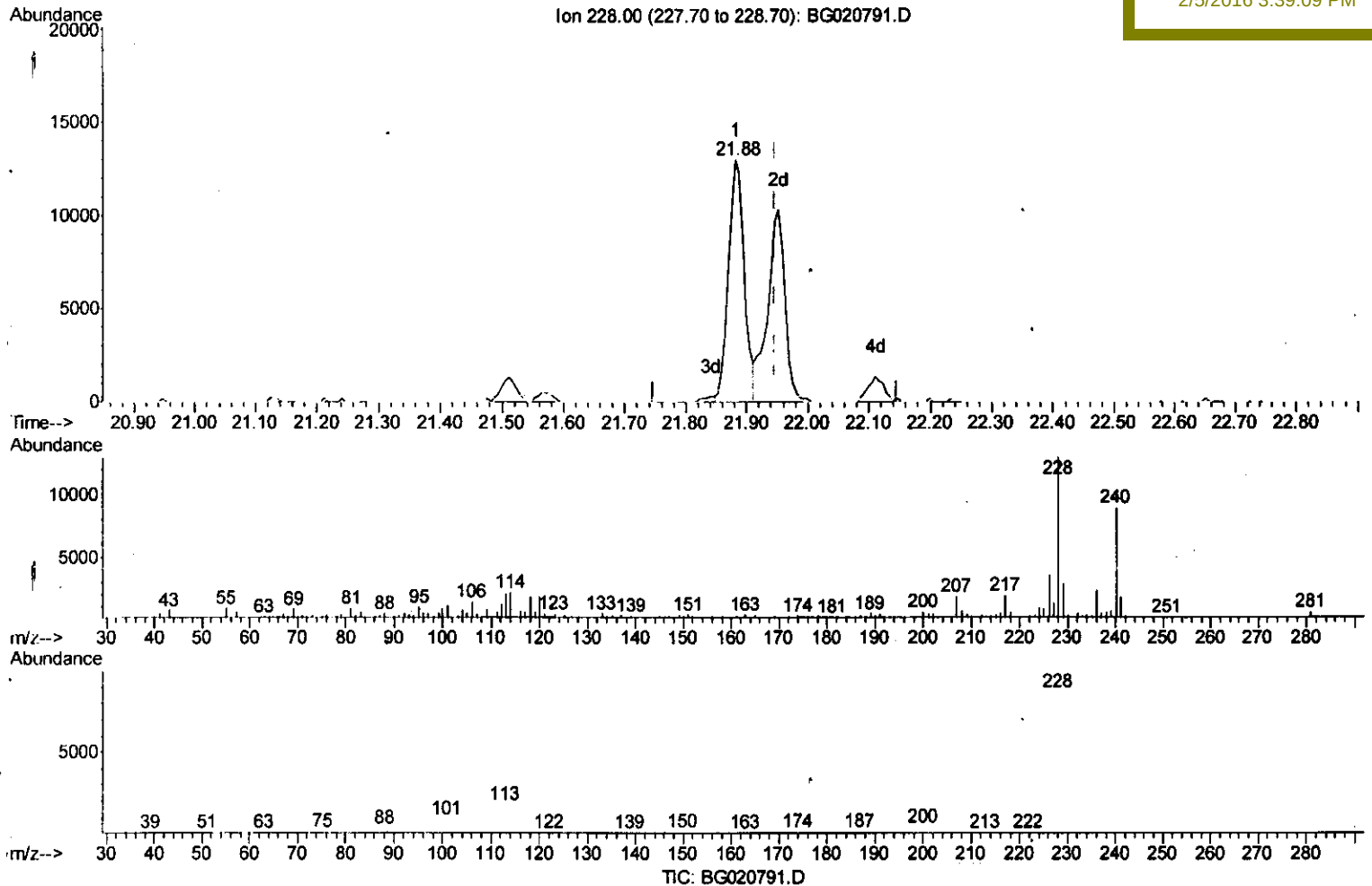
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 Acq On : 4 Feb 2016 17:49
 Operator : SJ/IZ
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Quant Time: Feb 05 04:20:42 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG012716.M
 Quant Title : SVOA CALIBRATION
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 ClientSampleId :
 BBG19

Manual Integrations
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(85) Chrysene

21.882min (-0.065) 4.03ng/ul

response 23721

Ion	Exp%	Act%
228.00	100	100
226.00	30.10	27.31
229.00	20.00	22.01
0.00	0.00	0.00

Quantitation Report (Qedit)

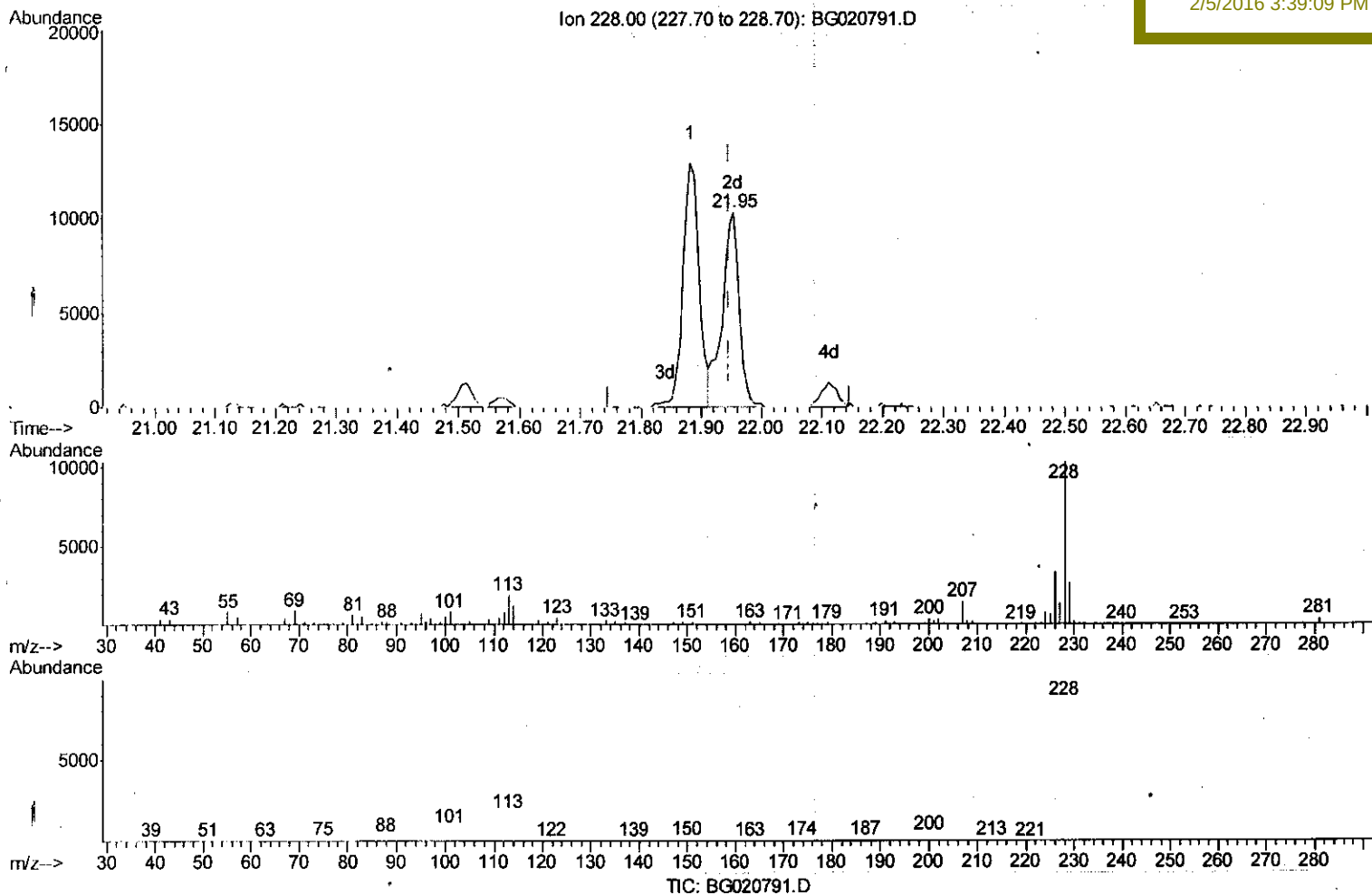
Data Path : Z:\HPCHEM1\BNA_G\Data\BG020416\
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Manual Integrations
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(85) Chrysene

21.952min (+0.006) 3.42ng/ul m

response 20104

Ion	Exp%	Act%
228.00	100	100
226.00	30.10	33.34
229.00	20.00	26.49#
0.00	0.00	0.00

Quantitation Report (Qedit)

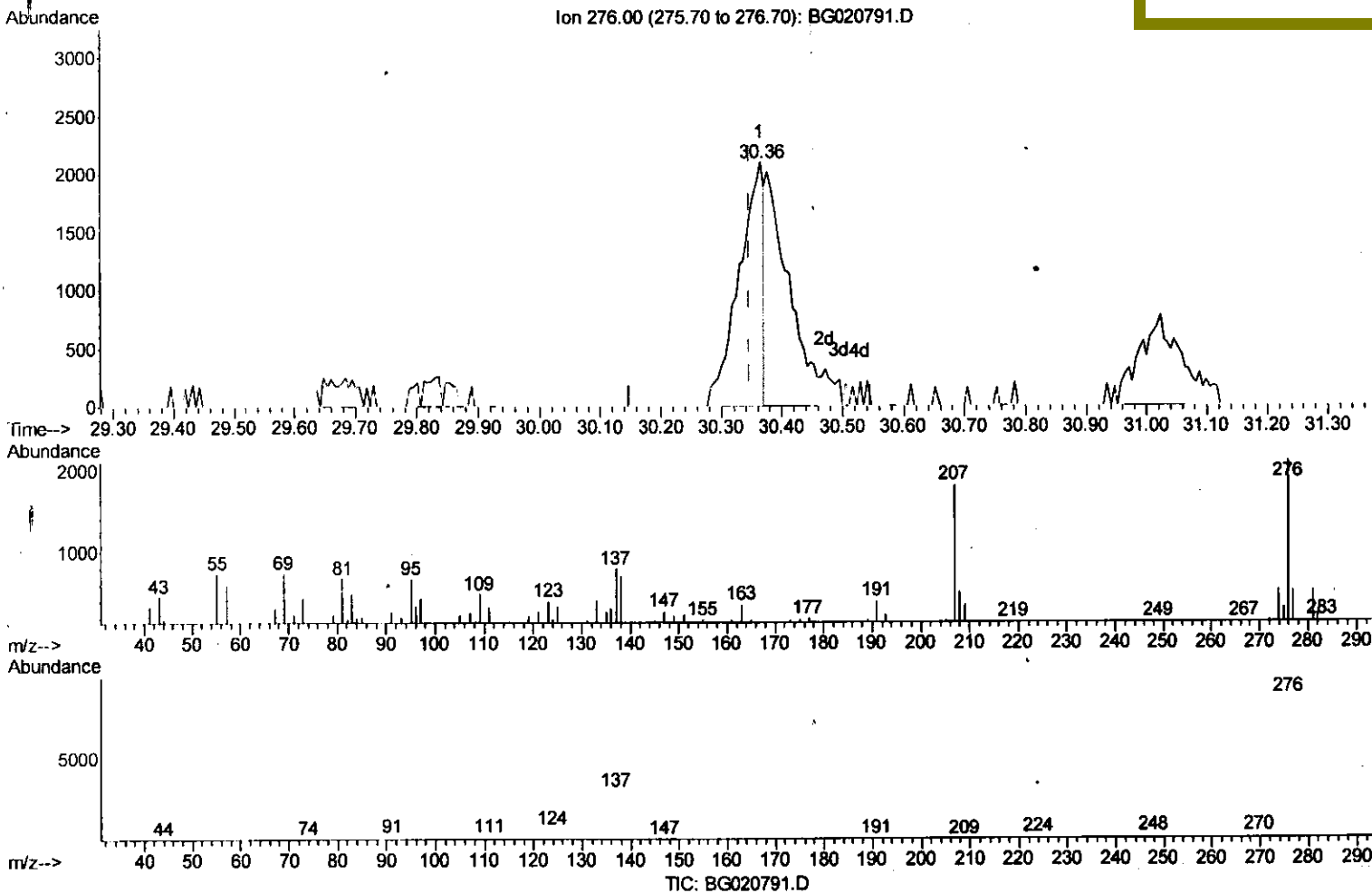
Data Path : Z:\HPCHEM1\BNA_G\Data\BG020416\
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 Operator : SJ/IZ
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 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
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Manual Integrations
 APPROVED

mohammad
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(94) Benzo(g,h,i)perylene

30.364min (+0.018) 1.05ng/ul

response 5983

Ion	Exp%	Act%
276.00	100	100
138.00	14.00	33.84#
277.00	23.80	24.93
0.00	0.00	0.00

Quantitation Report (Qedit)

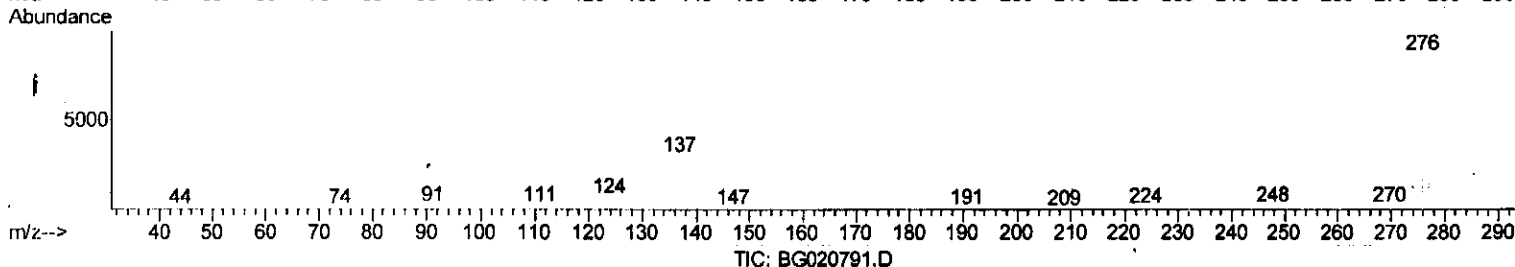
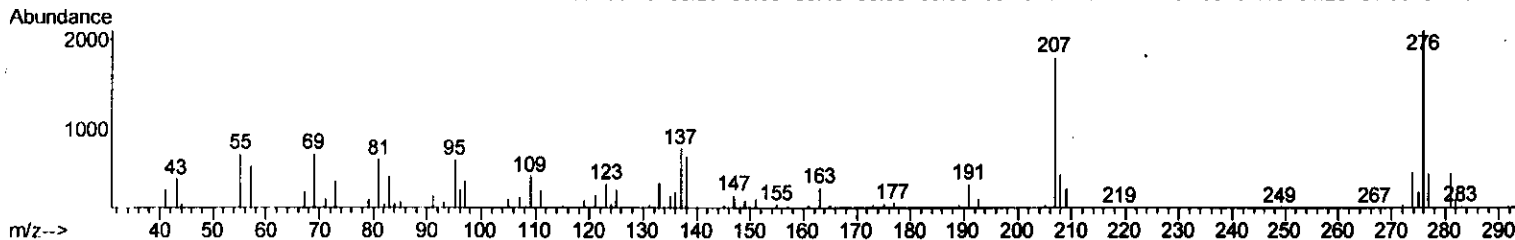
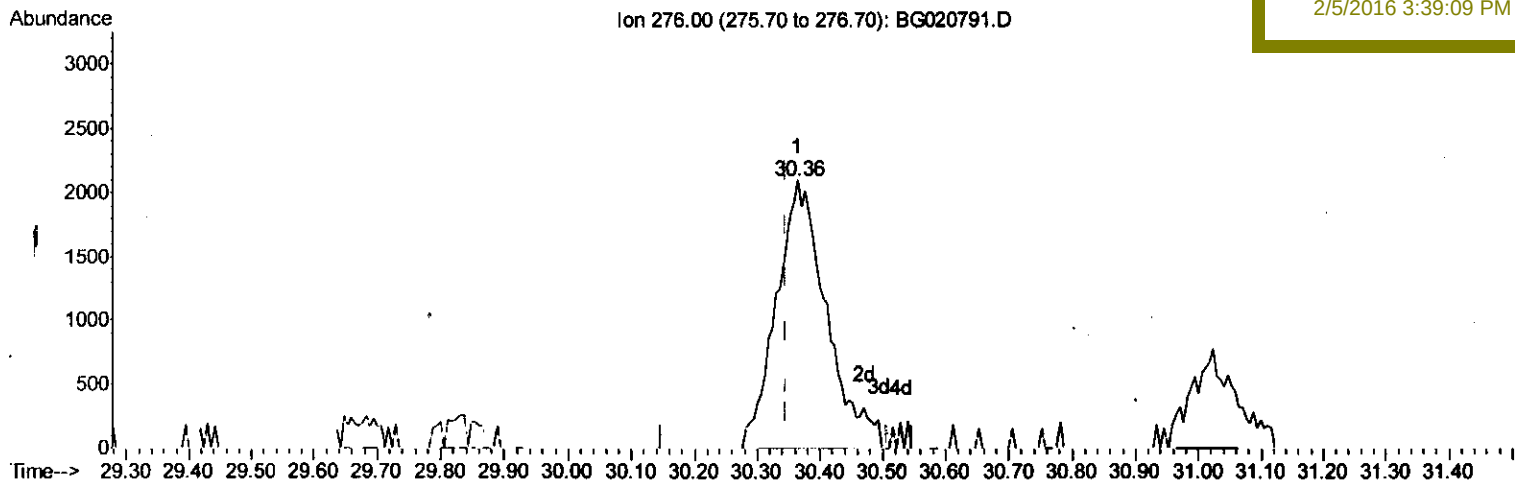
Data Path : Z:\HPCHEM1\BNA_G\Data\BG020416\
 Data File : BG020791.D
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 Operator : SJ/TZ
 Sample : H1334-22
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BBG19

Manual Integrations
 APPROVED

mohammad
 2/5/2016 3:39:09 PM

Quant Time: Feb 05 04:20:42 2016
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 Quant Title : SVOA CALIBRATION
 Qlast Update : Fri Feb 05 04:10:17 2016
 Response via : Initial Calibration



(94) Benzo(g,h,i)perylene

30.364min (+0.018) 2.05ng/ul m *S.J*
2/9/16
 response 11660

Ion	Exp%	Act%
276.00	100	100
138.00	14.00	33.84#
277.00	23.80	24.93
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_G\Data\BG020416\
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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	8.28	152	21504	20.00	ng/ul	0.00
18) Naphthalene-d8	11.10	136	108804	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.89	164	61376	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.62	188	116427	20.00	ng/ul	0.00
78) Chrysene-d12	21.91	240	98374	20.00	ng/ul	0.00
86) Perylene-d12	25.28	264	94402	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.61	96	1126	2.51	ng/uL	0.00
5) Phenol-d5	7.41	99	28982	13.17	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.59	67	17319	15.10	ng/ul	0.00
9) 2-Chlorophenol-d4	7.80	132	24971	15.11	ng/ul	0.00
13) 4-Methylphenol-d8	8.97	113	23769	12.52	ng/ul	0.00
19) Nitrobenzene-d5	9.45	128	11650	17.55	ng/ul	0.00
22) 2-Nitrophenol-d4	10.17	143	10863	18.66	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.71	165	23526	14.81	ng/ul	0.00
29) 4-Chloroaniline-d4	11.23	131	33652	15.06	ng/ul	0.00
44) Dimethylphthalate-d6	14.29	166	78654	15.00	ng/ul	0.00
47) Acenaphthylene-d8	14.59	160	103184	16.15	ng/ul	0.00
52) 4-Nitrophenol-d4	15.05	143	10218	11.02	ng/ul	0.00
58) Fluorene-d10	15.87	176	68468	14.94	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.98	200	4470	11.63	ng/ul	0.00
71) Anthracene-d10	17.72	188	96976	16.94	ng/ul	0.00
79) Pyrene-d10	19.98	212	91777	17.19	ng/ul	0.00
90) Benzo(a)pyrene-d12	25.05	264	88260	17.44	ng/ul	0.01

Target Compounds

						Qvalue
45) Dimethylphthalate	14.33	163	29574	5.40	ng/ul#	97
70) Phenanthrene	17.66	178	37962	5.19	ng/ul	98
72) Anthracene	17.75	178	8699	1.19	ng/ul	98
77) Fluoranthene	19.66	202	57229	7.62	ng/ul#	81
80) Pyrene	20.01	202	44714	6.01	ng/ul#	75
83) Benzo(a)anthracene	21.88	228	23721	3.74	ng/ul	98
85) Chrysene	21.95	228	20104m}	3.42	ng/ul	
88) Benzo(b)fluoranthene	24.21	252	26883	4.35	ng/ul#	86
89) Benzo(k)fluoranthene	24.27	252	8070	1.33	ng/ul#	86
91) Benzo(a)pyrene	25.12	252	19317	3.26	ng/ul#	87
92) Indeno(1,2,3-cd)pyrene	29.15	276	12280	1.78	ng/ul#	78
94) Benzo(g,h,i)perylene	30.36	276	11660m}	2.05	ng/ul	

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

S.J.
 2/3/16