

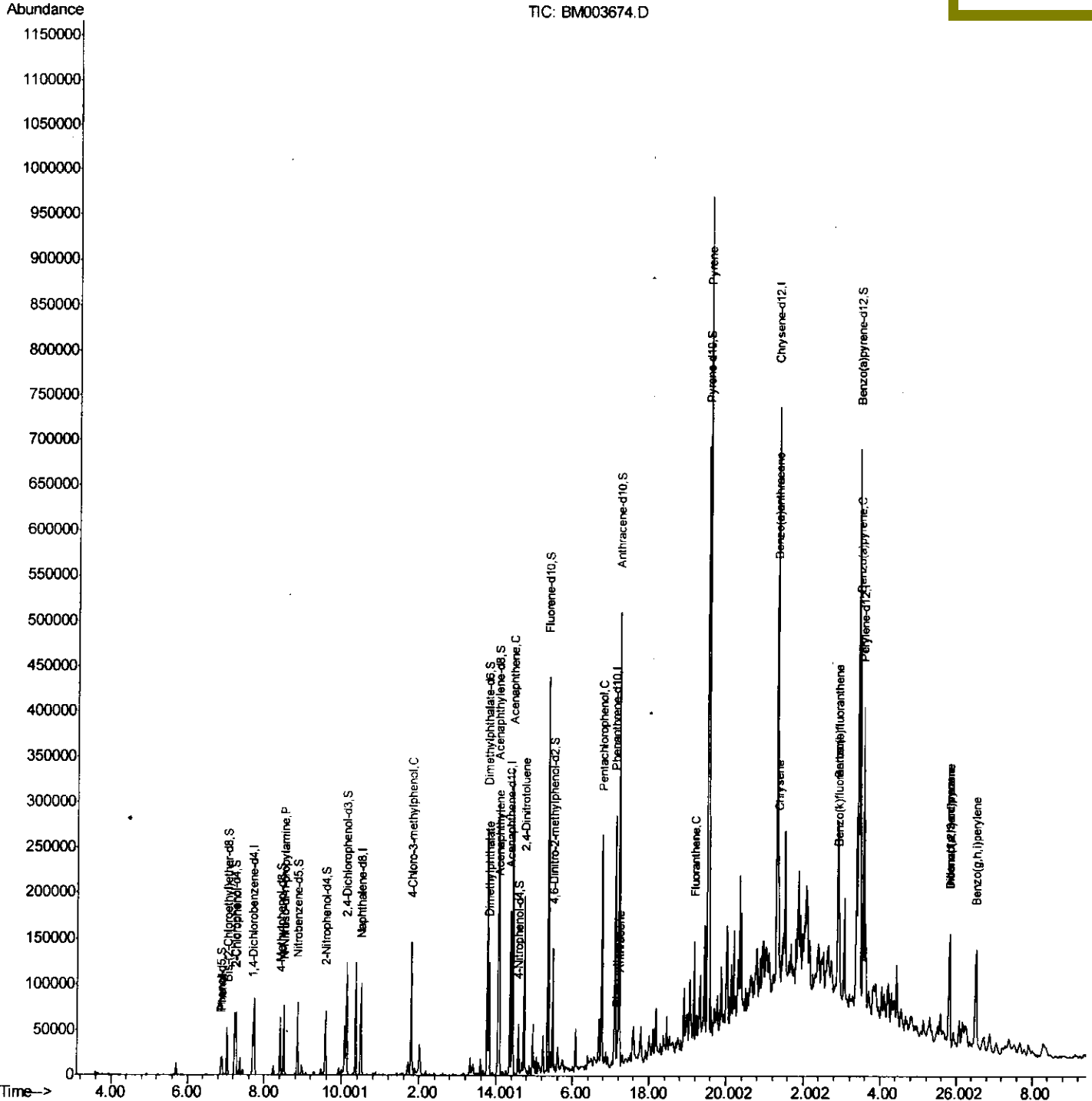
Data Path : Z:\HPCHEM1\BNA M\DATA\BM122015\
Data File : BM003674.D
Acq On : 21 Dec 2015 03:00
Operator : UM/SJ
Sample : G4867-09MS
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
G9DA5MS

Quant Time: Dec 21 05:53:35 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM121915.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 21 03:56:12 2015
Response via : Initial Calibration

Manual Integrations
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Quantitation Report (Qedit)

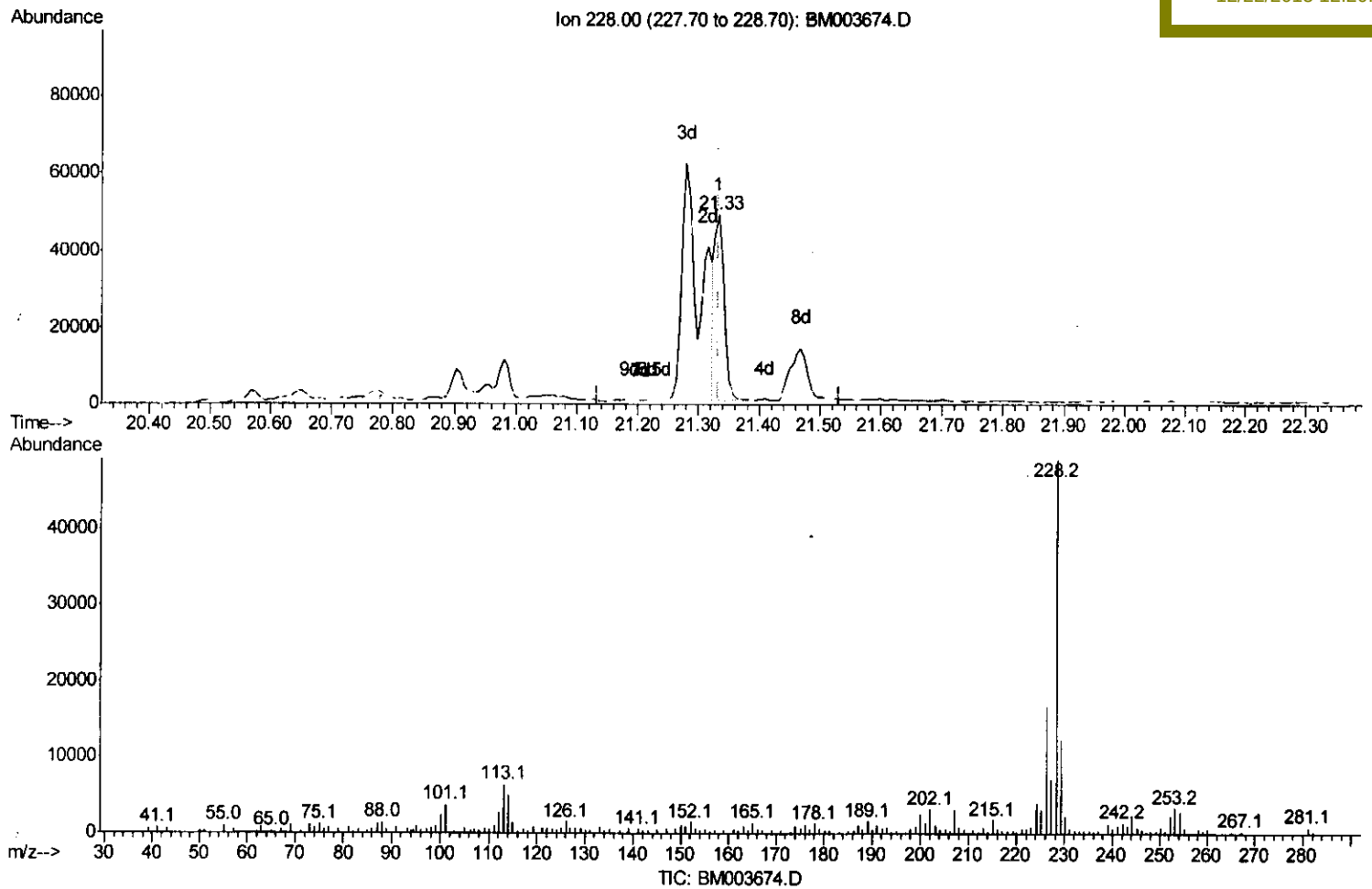
Data Path : Z:\HPCHEM1\BNA M\DATA\BM122015\
 Data File : BM003674.D
 Acq On : 21 Dec 2015 03:00
 Operator : UM/SJ
 Sample : G4867-09MS
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 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 G9DA5MS

Quant Time: Dec 21 05:47:28 2015
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM121915.M
 Quant Title : SVOA CALIBRATION
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 Response via : Initial Calibration

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(85) Chrysene

21.333min (+0.000) 4.09ng/ul

response 53017

Ion	Exp%	Act%
228.00	100	100
226.00	30.00	34.04
229.00	19.50	24.85#
0.00	0.00	0.00

Quantitation Report (Qedit)

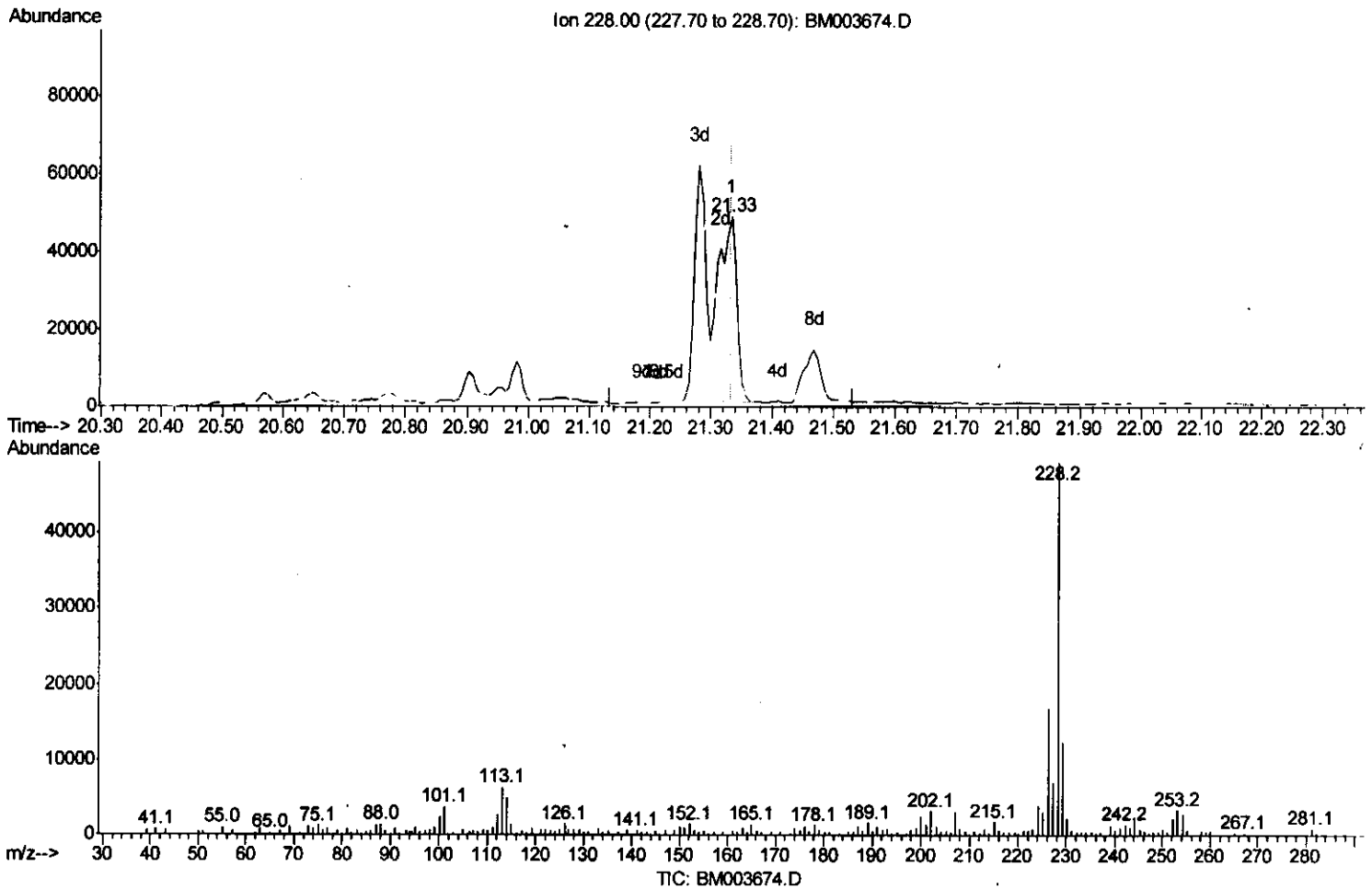
Data Path : Z:\HPCHEM1\BNA M\DATA\BM122015\
 Data File : BM003674.D
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 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 G9DA5MS

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 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Dec 21 03:56:12 2015
 Response via : Initial Calibration



(85) Chrysene

21.333min (+0.000) 7.60ng/ul m

response 98540

Ion	Exp%	Act%
228.00	100	100
226.00	30.00	34.04
229.00	19.50	24.85#
0.00	0.00	0.00

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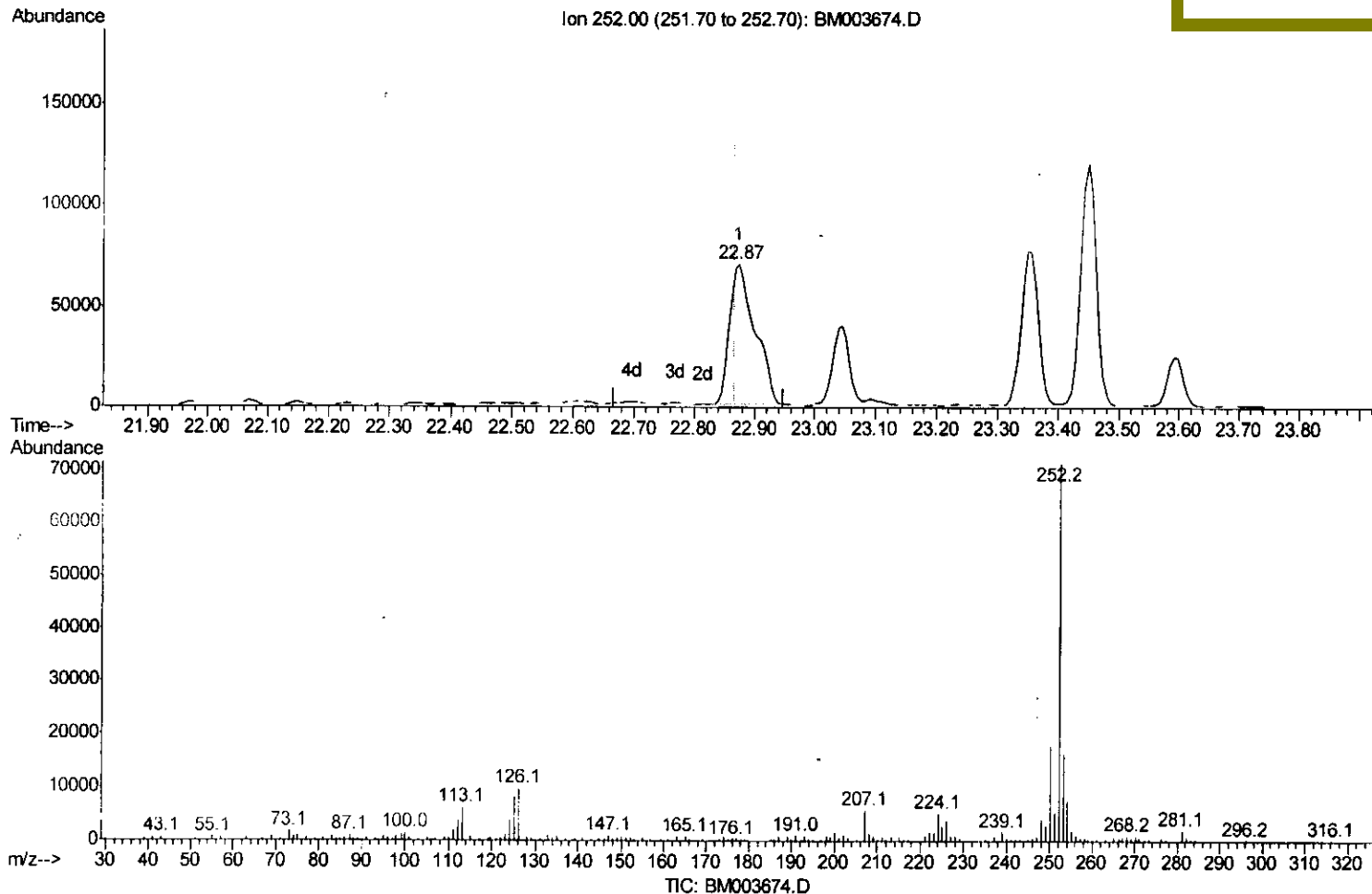
Data Path : Z:\HPCHEM1\BNA M\DATA\BM122015\
 Data File : BM003674.D
 Acq On : 21 Dec 2015 03:00
 Operator : UM/SJ
 Sample : G4867-09MS
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 G9DA5MS

Quant Time: Dec 21 05:47:28 2015
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM121915.M
 Quant Title : SVDA CALIBRATION
 Quant Update : Mon Dec 21 05:56:12 2015
 Response via : Initial Calibration

Manual Integrations
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(88) Benzo(b)fluoranthene

22.874min (+0.006) 14.62ng/ul

response 202843

Ion	Exp%	Act%
252.00	100	100
253.00	21.90	23.02
125.00	10.60	11.73
0.00	0.00	0.00

Quantitation Report (Qedit)

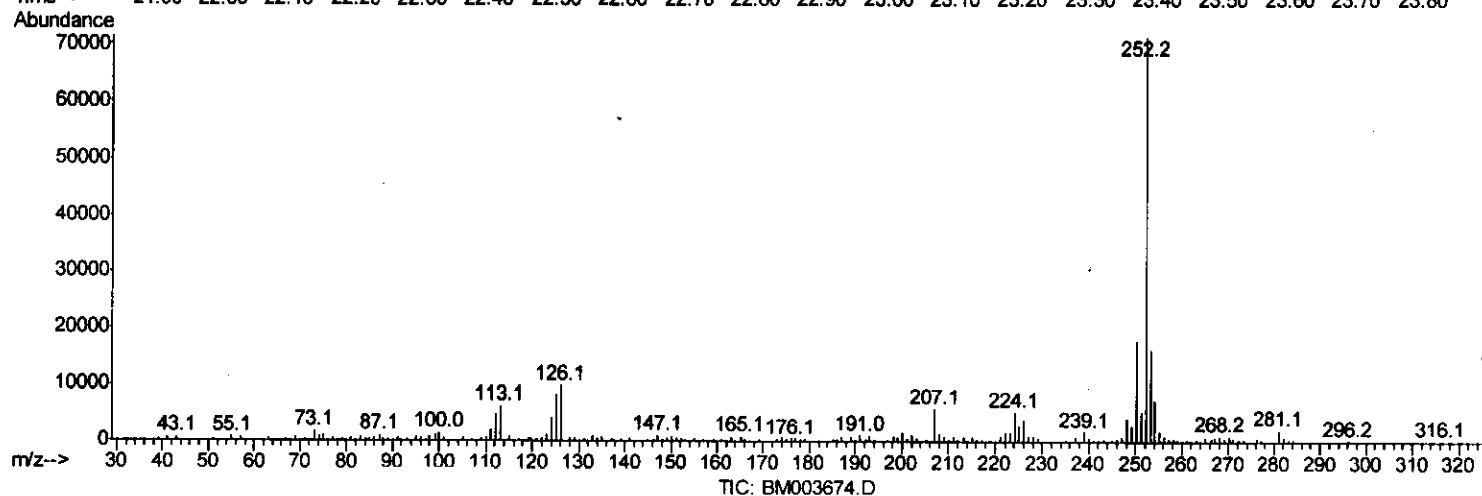
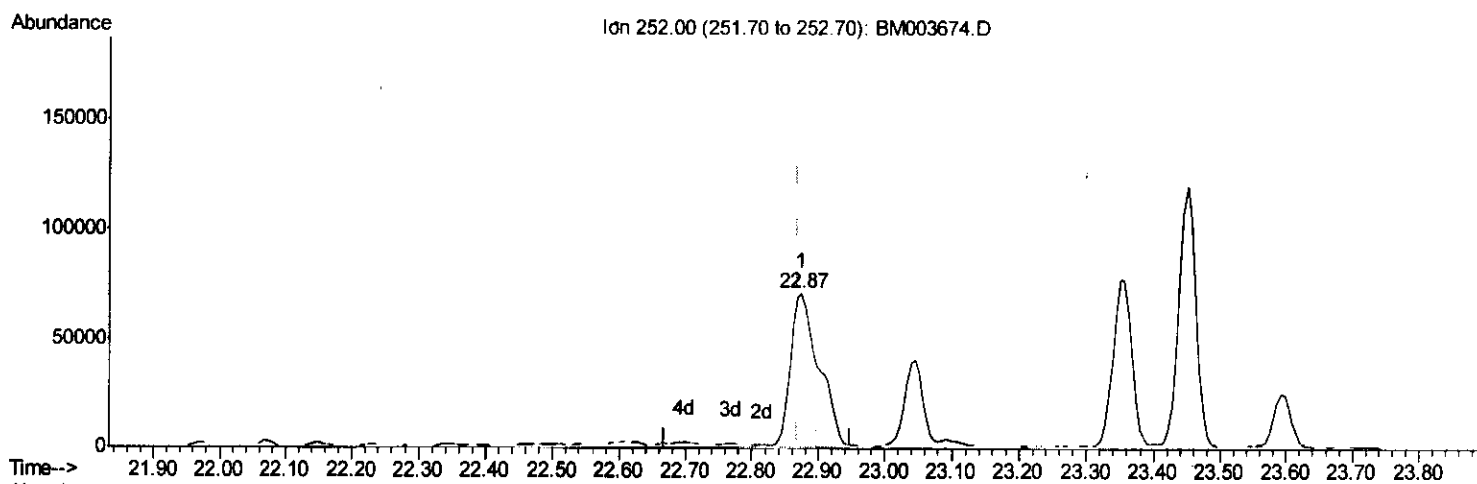
Data Path : Z:\HPCHEM1\BNA M\DATA\BM122015\
 Data File : BM003674.D
 Acq On : 21 Dec 2015 03:00
 Operator : UM/SJ
 Sample : G4867-09MS
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_M
 Client Sampled :
 G9DA5MS

Manual Integrations
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Quant Time: Dec 21 05:47:28 2015
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM121915.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Dec 21 03:56:12 2015
 Response via : Initial Calibration



(88) Benzo(b)fluoranthene

22.874min (+0.006) 11.81ng/ul m U.M

response 163813

12/22/15

Ion	Exp%	Act%
252.00	100	100
253.00	21.90	23.02
125.00	10.60	11.73
0.00	0.00	0.00

Quantitation Report (Qedit)

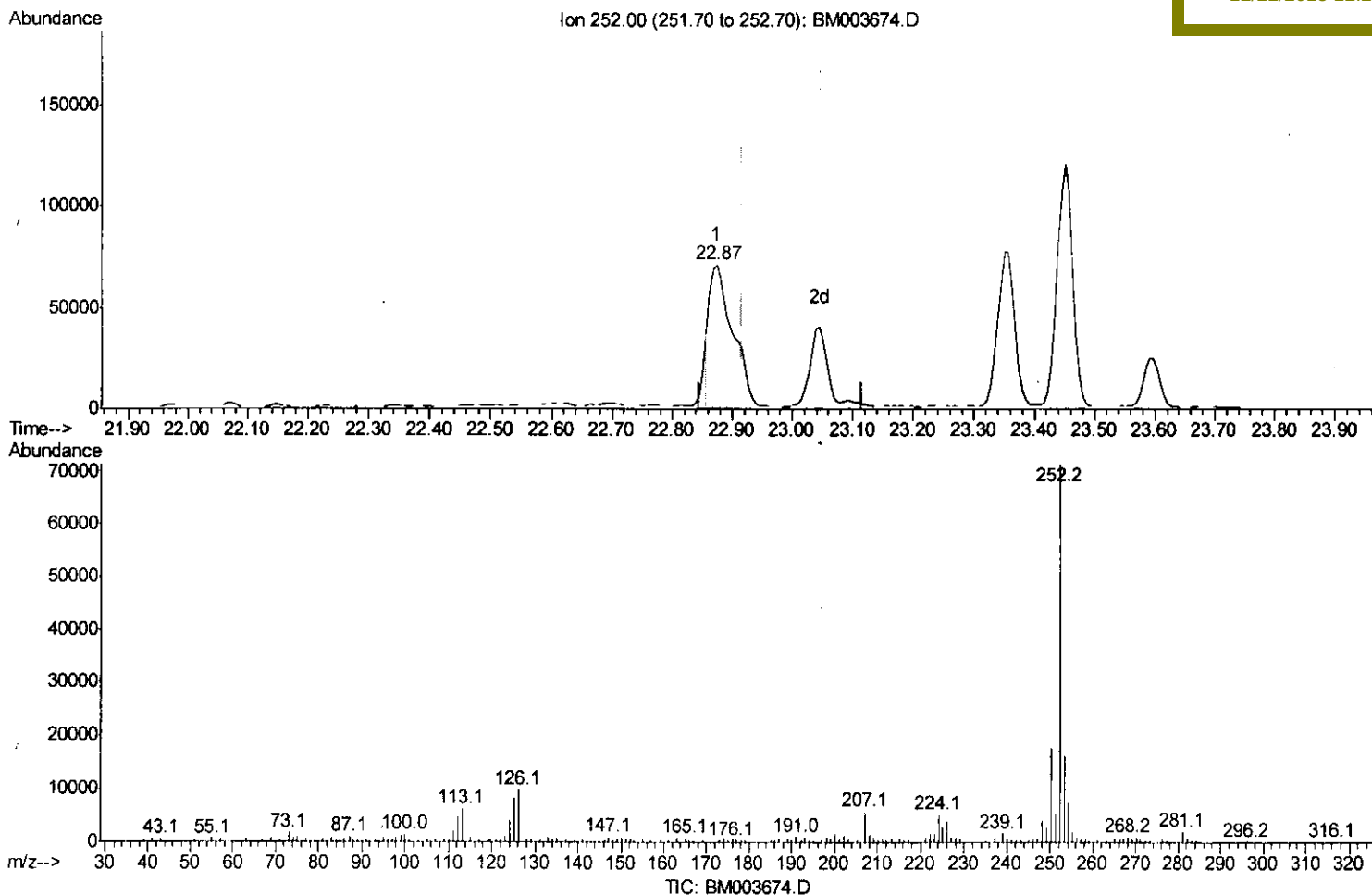
Data Path : Z:\HPCHEM1\BNA M\DATA\BM122015\
Data File : BM003674.D
Acq On : 21 Dec 2015 03:00
Operator : UM/SJ
Sample : G4867-09MS
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
G9DA5MS

Quant Time: Dec 21 05:47:28 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM121915.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 21 03:56:12 2015
Response via : Initial Calibration

Manual Integrations
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(89) Benzo(k)fluoranthene

22.874min (-0.041) 14.06ng/ul

response 184769

Ion	Exp%	Act%
252.00	100	100
253.00	21.60	23.02
125.00	10.20	11.73
0.00	0.00	0.00

Quantitation Report (Qedit)

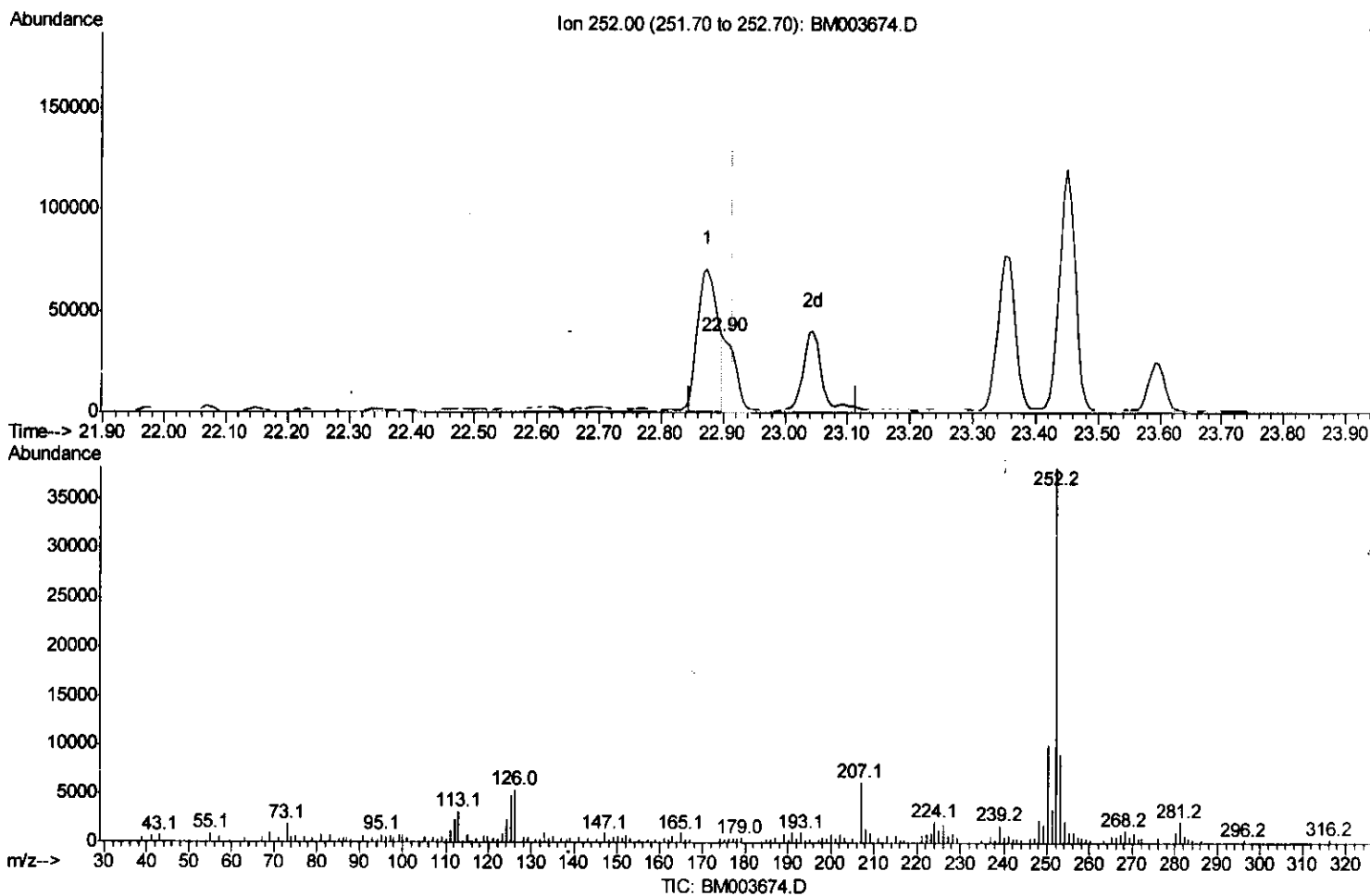
Data Path : Z:\HPCHEM1\BNA M\DATA\BM122015\
 Data File : BM003674.D
 Acq On : 21 Dec 2015 03:00
 Operator : UM/SJ
 Sample : G4867-09MS
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 G9DA5MS

Manual Integrations
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Quant Time: Dec 21 05:47:28 2015
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM121915.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Dec 21 03:56:12 2015
 Response via : Initial Calibration



(89) Benzo(k)fluoranthene

22.898min (-0.018) 3.80ng/ul m

response 50017

Ion	Exp%	Act%
252.00	100	100
253.00	21.60	23.65
125.00	10.20	12.53#
0.00	0.00	0.00

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Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM122015\
 Data File : BMC03674.D
 Acq On : 21 Dec 2015 03:00
 Operator : GM/SJ
 Sample : G4867-09MS
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA M
 ClientSampleId :
 G9DA5MS

Manual Integrations
 APPROVED

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Quant Time: Dec 21 05:53:35 2015
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM121915.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Dec 21 03:56:12 2015
 Response via : Initial Calibration

Internal Standards	R.T.	Qion	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	17252	20.00	ng/ul	0.00
18) Naphthalene-d8	10.49	136	87816	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.35	164	59201	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.10	188	154656	20.00	ng/ul	0.00
78) Chrysene-d12	21.30	240	222912	20.00	ng/ul	0.00
86) Perylene-d12	23.54	264	230157	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	6.87	99	12918	8.89	ng/ul	0.00
7) Bis-(2-Chloroethoxy) ether-d	7.03	67	24063	31.06	ng/ul	0.00
9) 2-Chlorophenol-d4	7.23	132	34735	29.27	ng/ul	0.00
13) 4-Methylphenol-d8	8.41	113	26118	20.74	ng/ul	0.00
19) Nitrobenzene-d5	8.85	128	21926	34.42	ng/ul	0.00
22) 2-Nitrophenol-d4	9.57	143	25372	35.40	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.11	165	46932	35.87	ng/ul	0.00
29) 4-Chloroaniline-d4	10.63	131	1403	0.81	ng/ul	0.00
44) Dimethylphthalate-d6	13.76	166	175863	35.94	ng/ul	0.00
47) Acenaphthylene-d8	14.04	160	211167	37.91	ng/ul	0.00
52) 4-Nitrophenol-d4	14.56	143	9443	9.91	ng/ul	0.00
58) Fluorene-d10	15.35	176	157701	38.96	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.47	200	29606	33.97	ng/ul	0.00
71) Anthracene-d10	17.20	188	274509	39.01	ng/ul	0.00
79) Pyrene-d10	19.50	212	346544	35.59	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.40	264	439141	38.41	ng/ul	0.00

Target Compounds

						Ovalue
6) Phenol	6.90	94	14599	9.53	ng/ul	98
10) 2-Chlorophenol	7.26	128	34387	27.88	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.50	70	31336	32.89	ng/ul	98
33) 4-Chloro-3-methylphenol	11.78	107	54304	34.04	ng/ul	99
45) Dimethylphthalate	13.80	163	23895	4.77	ng/ul	99
48) Acenaphthylene	14.07	152	124871	20.50	ng/ul	99
53) Acenaphthene	14.42	153	142477	35.03	ng/ul	99
53) 4-Nitrophenol	14.57	109	8829	10.95	ng/ul	92
55) 2,4-Dinitrotoluene	14.72	165	56569	38.19	ng/ul	99
69) Pentachlorophenol	16.75	266	39188	40.56	ng/ul	98
70) Phenanthrene	17.14	178	10875	1.27	ng/ul	96
72) Anthracene	17.23	178	33840	3.88	ng/ul	98
77) Fluoranthene	19.16	202	54800	5.57	ng/ul	99
80) Pyrene	19.53	202	546679	42.61	ng/ul	98
83) Benzo(a)anthracene	21.28	228	81272	6.05	ng/ul#	72
85) Chrysene	21.33	228	98540m	7.60	ng/ul	
88) Benzo(b)fluoranthene	22.87	252	163813m	11.81	ng/ul	
89) Benzo(k)fluoranthene	22.90	252	50017m	3.80	ng/ul	
91) Benzo(a)pyrene	23.45	252	215023	16.20	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.80	276	108605	7.60	ng/ul	96
93) Dibenzo(a,h)anthracene	25.81	278	35216	2.94	ng/ul#	79
94) Benzo(a,h,i)perylene	26.50	276	128652	10.97	ng/ul	99

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Quantitation Report (QI Reviewed)

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Manual Integrations
 APPROVED

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed