

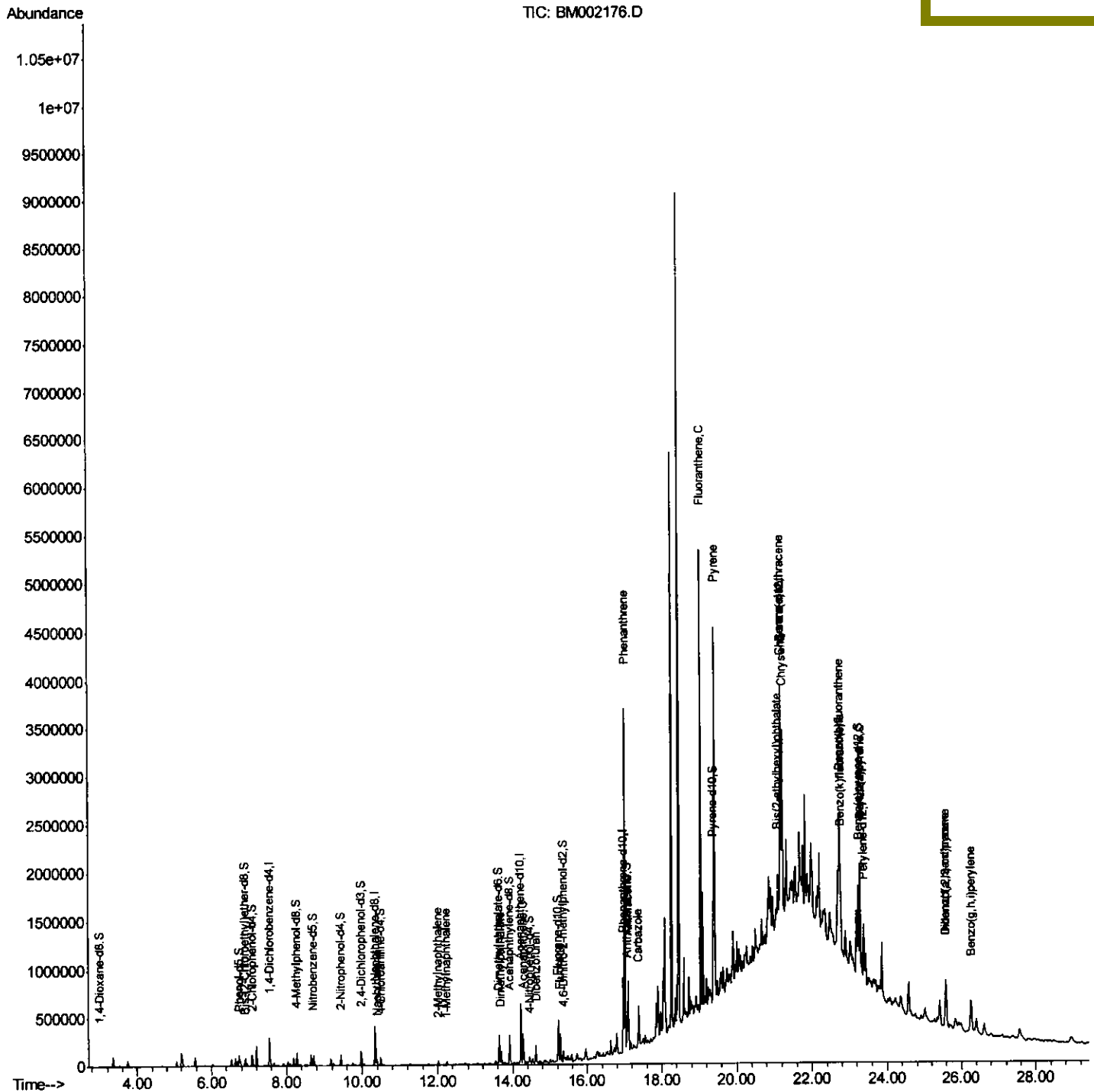
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080215\
 Data File : BM002176.D
 Acq On : 02 Aug 2015 19:27
 Operator : TP
 Sample : G3073-18
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 Client Sampled :
 C02G3

Quant Time: Aug 03 02:16:28 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Aug 03 02:05:53 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

MMDadoda
 8/3/2015 4:44:00 PM



Quantitation Report (Qedit)

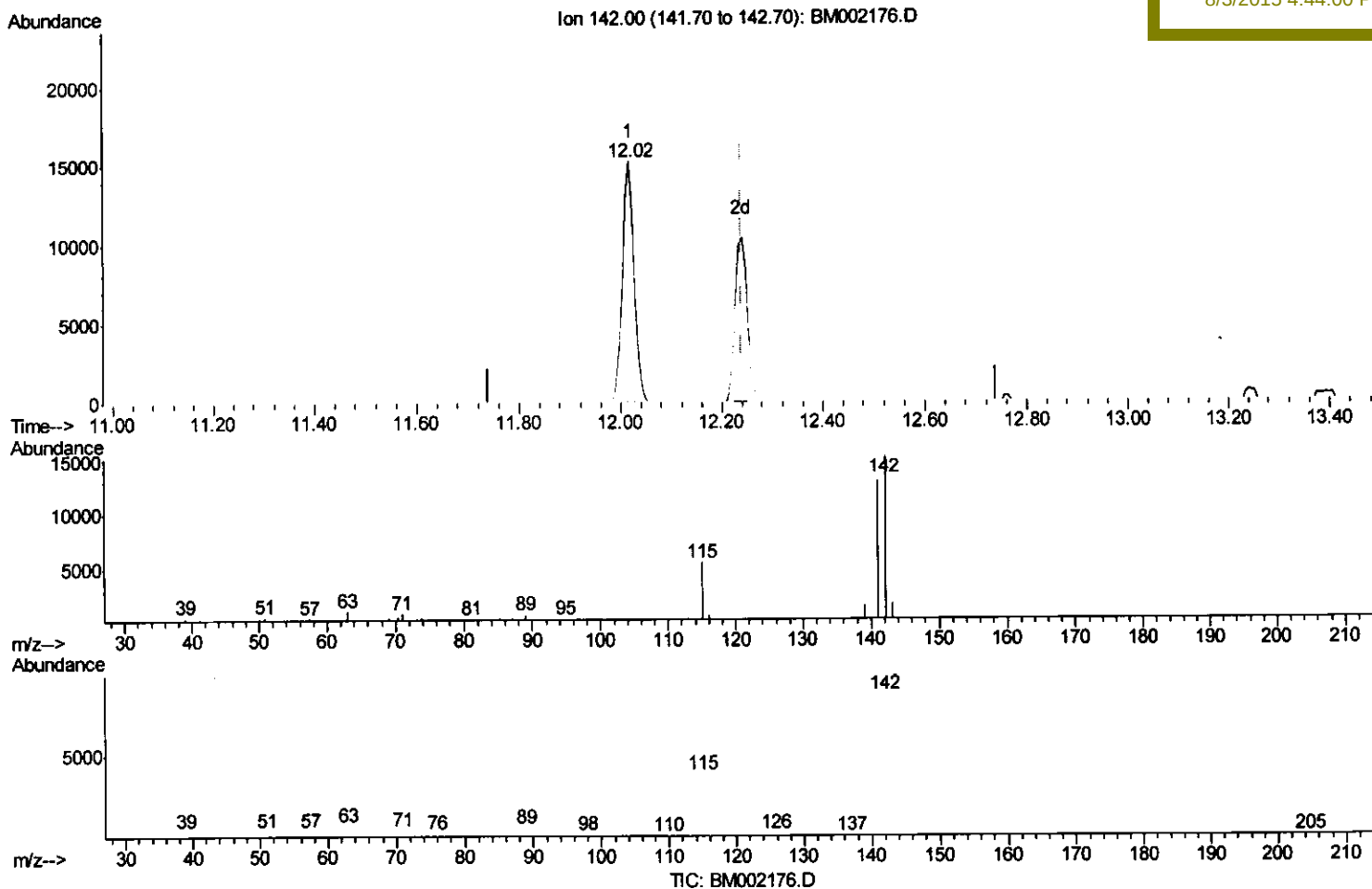
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080215\
 Data File : BM002176.D
 Acq On : 02 Aug 2015 19:27
 Operator : TP
 Sample : G3073-18
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C02G3

Quant Time: Aug 03 02:12:48 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Aug 03 02:05:53 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

MMDadoda
 8/3/2015 4:44:00 PM



(35) 1-Methylnaphthalene

12.016min (-0.223) 2.05ng/ul

response 23223

Ion	Exp%	Act%
142.00	100	100
141.00	90.50	85.06
116.00	4.00	4.39
0.00	0.00	0.00

Quantitation Report (Qedit)

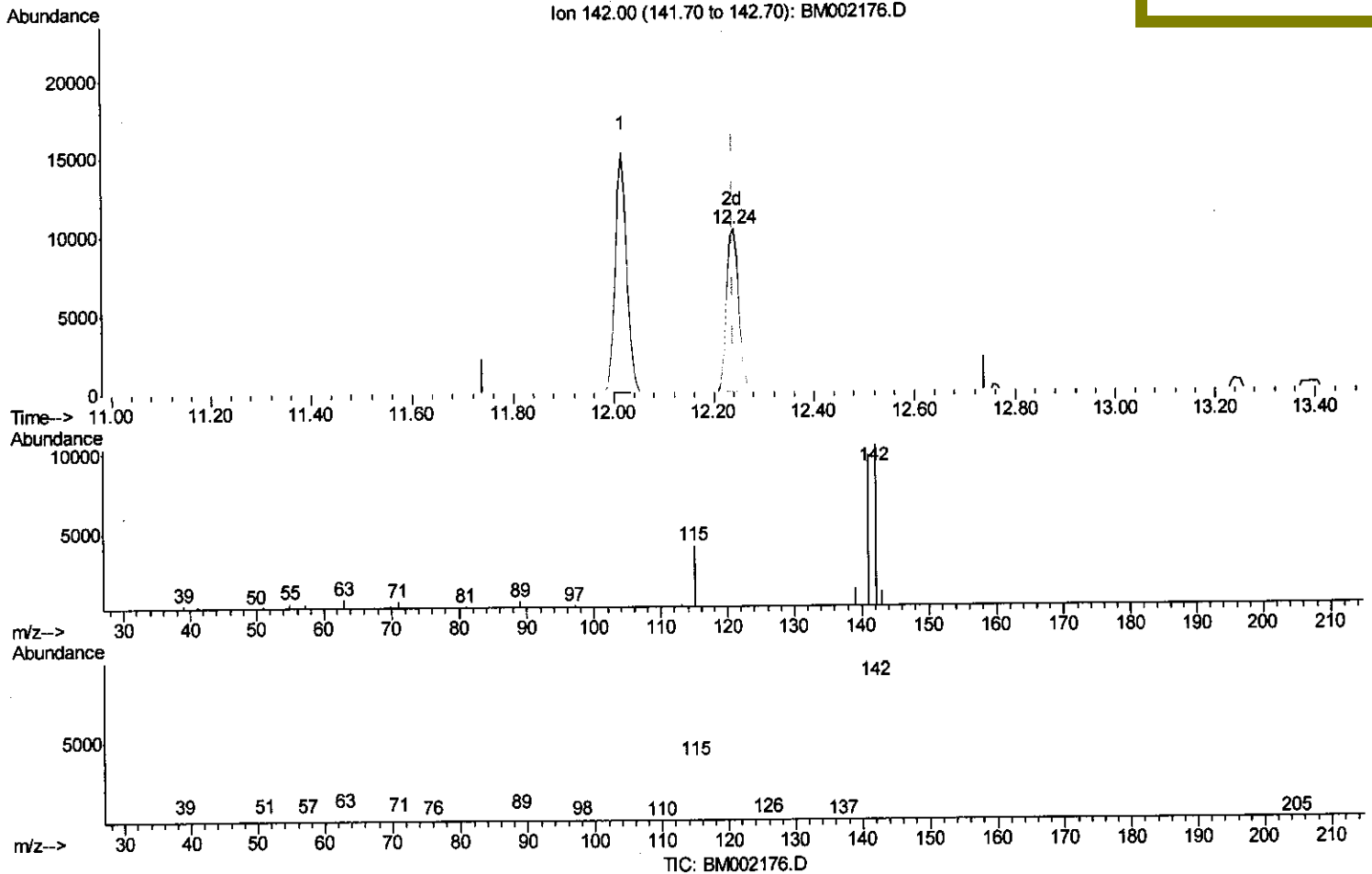
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080215\
 Data File : BM002176.D
 Acq On : 02 Aug 2015 19:27
 Operator : TP
 Sample : G3073-18
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C02G3

Quant Time: Aug 03 02:12:48 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Aug 03 02:05:53 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

MMDadoda
 8/3/2015 4:44:00 PM



(35) 1-Methylnaphthalene

12.239min (+0.000) 1.44ng/ul m

response 16301

Ion	Exp%	Act%
142.00	100	100
141.00	90.50	94.04
116.00	4.00	0.00#
0.00	0.00	0.00

U.A
 8/12/15

Quantitation Report (Qedit)

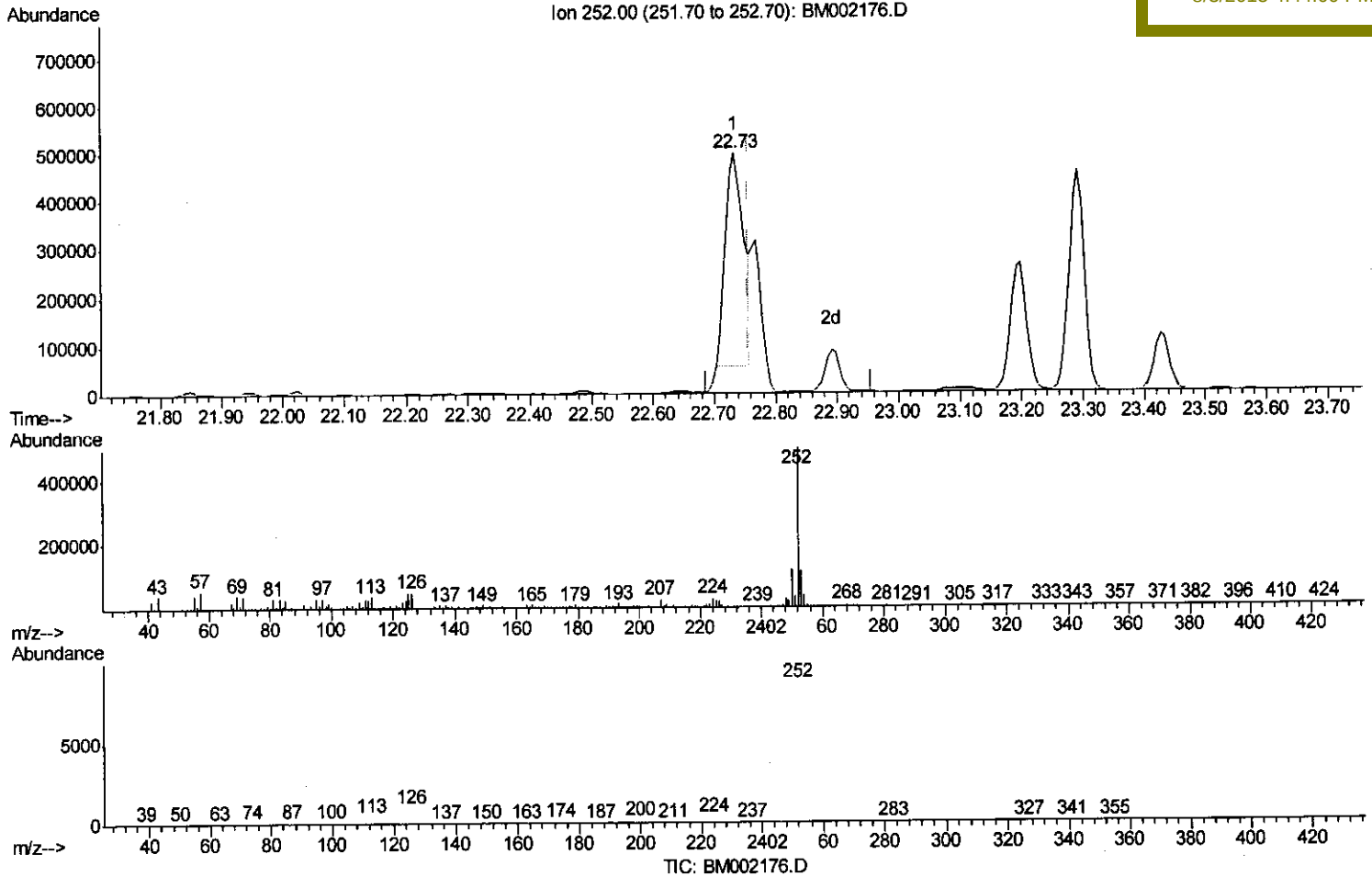
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080215\
 Data File : BM002176.D
 Acq On : 02 Aug 2015 19:27
 Operator : TP
 Sample : G3073-18
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C02G3

Quant Time: Aug 03 02:12:48 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Aug 03 02:05:53 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

MMDadoda
 8/3/2015 4:44:00 PM



(89) Benzo(k)fluoranthene

22.733min (-0.023) 41.10ng/ul

response 909468

Ion	Exp%	Act%
252.00	100	100
253.00	21.70	22.82
125.00	7.80	9.82#
0.00	0.00	0.00

Quantitation Report (Qedit)

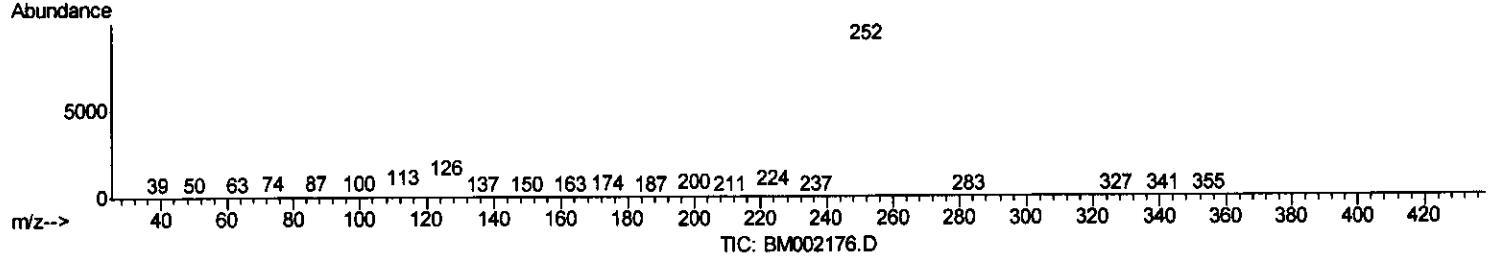
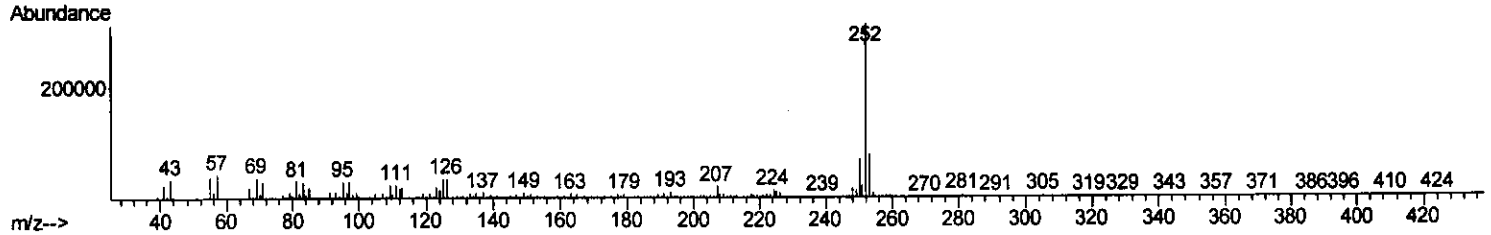
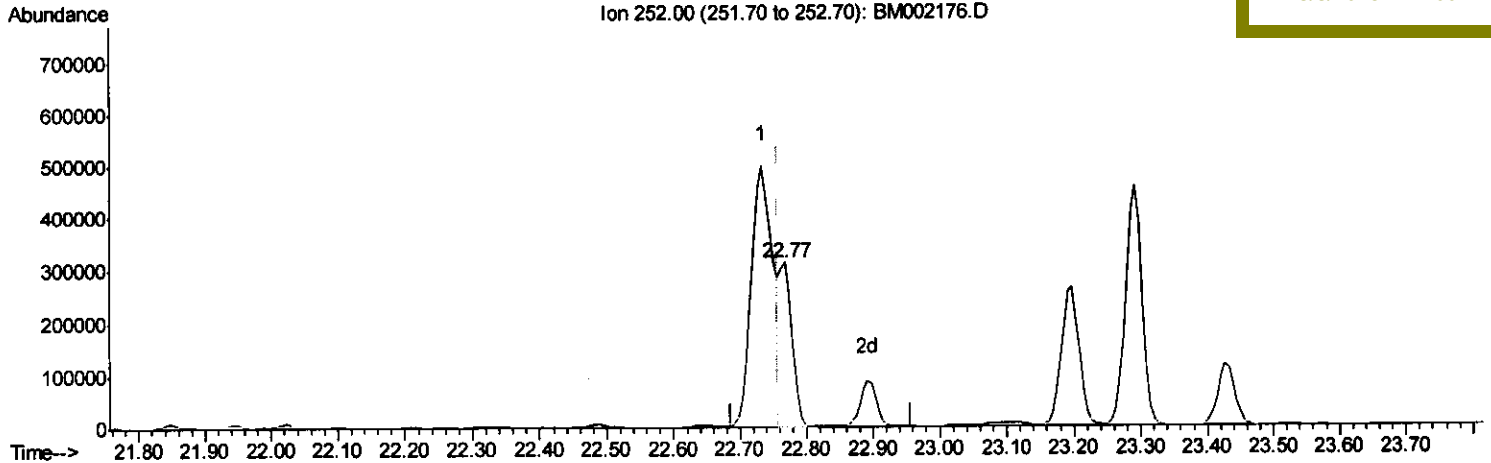
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080215\
 Data File : BM002176.D
 Acq On : 02 Aug 2015 19:27
 Operator : TP
 Sample : G3073-18
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C02G3

Quant Time: Aug 03 02:12:48 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Aug 03 02:05:53 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

MMDadoda
 8/3/2015 4:44:00 PM



(89) Benzo(k)fluoranthene

22.768min (+0.012) 17.94ng/ul m *U.A*

response 396905

8/12/15

Ion	Exp%	Act%
252.00	100	100
253.00	21.70	24.42
125.00	7.80	10.73#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080215\
 Data File : BM002176.D
 Acq On : 02 Aug 2015 19:27
 Operator : TP
 Sample : G3073-18
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C02G3

Quant Time: Aug 03 02:16:28 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Aug 03 02:05:53 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

MMDadoda
 8/3/2015 4:44:00 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	80680	20.00	ng/ul	0.00
18) Naphthalene-d8	10.34	136	340189	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.22	164	210159	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.98	188	474297	20.00	ng/ul	0.00
78) Chrysene-d12	21.19	240	486083	20.00	ng/ul	0.00
86) Perylene-d12	23.38	264	408100	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.01	96	2474	1.59	ng/uL	0.00
5) Phenol-d5	6.73	99	66534	11.54	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.89	67	36000	11.29	ng/ul	0.00
9) 2-Chlorophenol-d4	7.09	132	56651	11.59	ng/ul	0.00
13) 4-Methylphenol-d8	8.27	113	56291	12.28	ng/ul	0.00
19) Nitrobenzene-d5	8.72	128	28340	11.72	ng/ul	0.00
22) 2-Nitrophenol-d4	9.43	143	32607	12.13	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.97	165	61665	11.92	ng/ul	0.00
29) 4-Chloroaniline-d4	10.49	131	45031	7.92	ng/ul	0.00
44) Dimethylphthalate-d6	13.63	166	193883	12.60	ng/ul	0.00
47) Acenaphthylene-d8	13.92	160	231373	12.02	ng/ul	0.00
52) 4-Nitrophenol-d4	14.46	143	17218	6.70	ng/ul	0.00
58) Fluorene-d10	15.22	176	167537	12.37	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.36	200	22232	7.66	ng/ul	0.00
71) Anthracene-d10	17.07	188	255472	12.07	ng/ul	0.00
79) Pyrene-d10	19.39	212	269817	13.18	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.24	264	217449	10.99	ng/ul	0.01

Target Compounds

						Qvalue
28) Naphthalene	10.39	128	44916	2.78	ng/ul	97
34) 2-Methylnaphthalene	12.02	142	23223	1.97	ng/ul	98
35) 1-Methylnaphthalene	12.24	142	16301m	1.44	ng/ul	99
45) Dimethylphthalate	13.68	163	87128	5.67	ng/ul	98
50) Acenaphthene	14.29	153	122975	9.45	ng/ul	96
54) Dibenzofuran	14.62	168	100021	5.36	ng/ul	98
59) Fluorene	15.27	166	128893	8.35	ng/ul	99
70) Phenanthrene	17.03	178	2149462	87.49	ng/ul	99
72) Anthracene	17.11	178	440077	17.52	ng/ul	98
75) Carbazole	17.39	167	225069	10.49	ng/ul	99
77) Fluoranthene	19.06	202	2897374	102.14	ng/ul	99
80) Pyrene	19.42	202	2444432	92.42	ng/ul	98
83) Benzo(a)anthracene	21.17	228	1069476	39.69	ng/ul	97
84) Bis(2-ethylhexyl)phthalate	21.10	149	111282	7.19	ng/ul	96
85) Chrysene	21.23	228	994150	39.43	ng/ul	96
88) Benzo(b)fluoranthene	22.73	252	1107902	48.31	ng/ul#	97
89) Benzo(k)fluoranthene	22.77	252	396905m	17.94	ng/ul	95
91) Benzo(a)pyrene	23.29	252	783460	35.39	ng/ul#	92
92) Indeno(1,2,3-cd)pyrene	25.58	276	482305	18.91	ng/ul#	96
93) Dibcnzo(a,h)anthracene	25.58	278	122496	5.61	ng/ul#	97
94) Benzo(g,h,i)perylene	26.26	276	409168	19.14	ng/ul	96

U.A
 8/12/15

U.A
 8/12/15

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080215\
Data File : BM002176.D
Acq On : 02 Aug 2015 19:27
Operator : TP
Sample : G3073-18
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Aug 03 02:16:28 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 03 02:05:53 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
--------------------	------	------	----------	------	-------	----------

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

Instrument :
BNA_M
ClientSampleId :
C02G3

Manual Integrations
APPROVED

MMDadoda
8/3/2015 4:44:00 PM