

Quantitation Report (QT/LSC Reviewed)

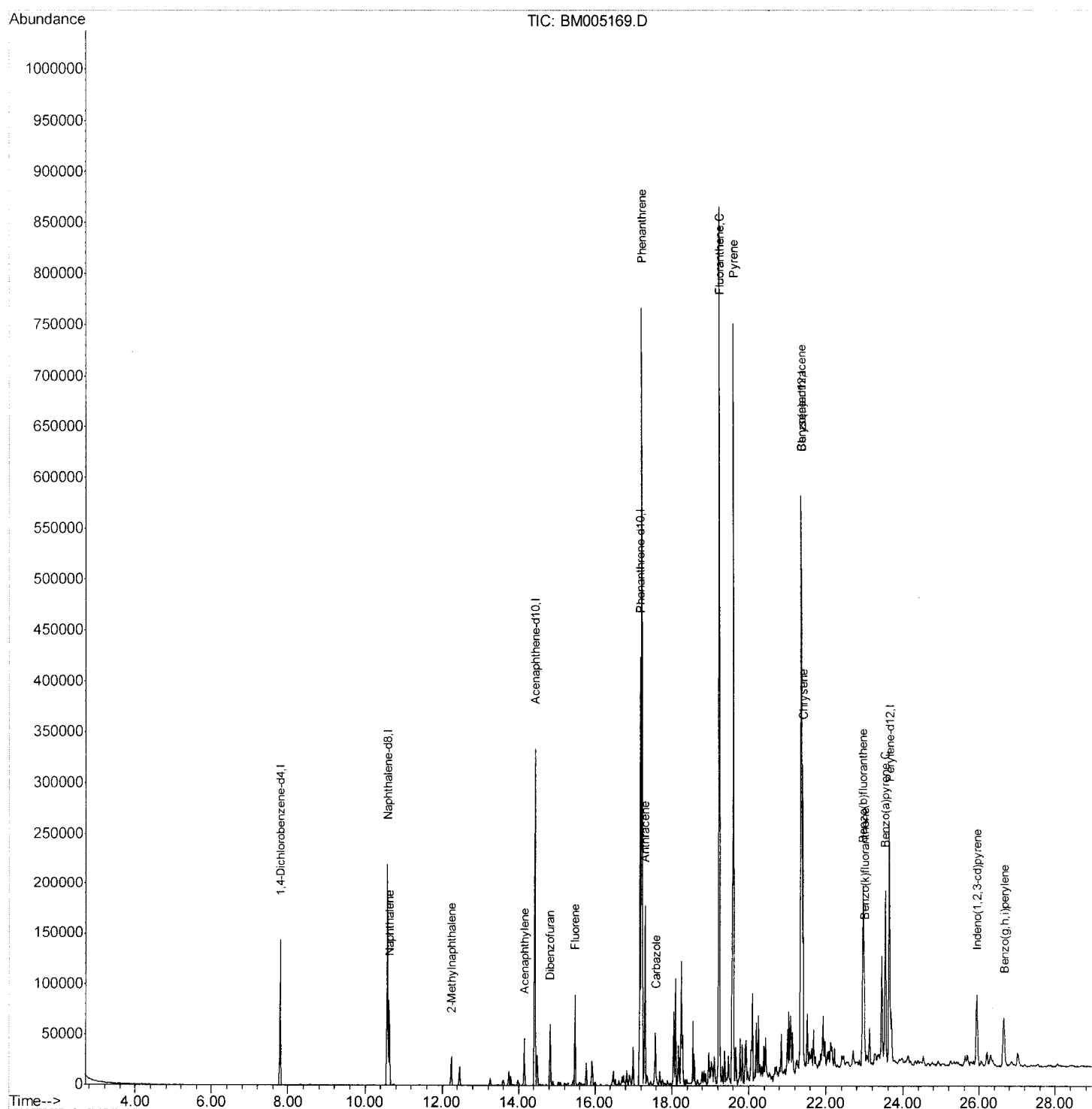
Data Path : Z:\HPCHEM1\BNA_M\Data\BM043016\
 Data File : BM005169.D
 Acq On : 30 Apr 2016 11:28
 Operator : UM/SJ
 Sample : H2729-02DL 100X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BD3D0DL

Manual Integrations
 APPROVED

sohil
 5/3/2016 6:31:22 PM

Quant Time: May 01 06:04:52 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM042516.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Apr 30 03:07:27 2016
 Response via : Initial Calibration



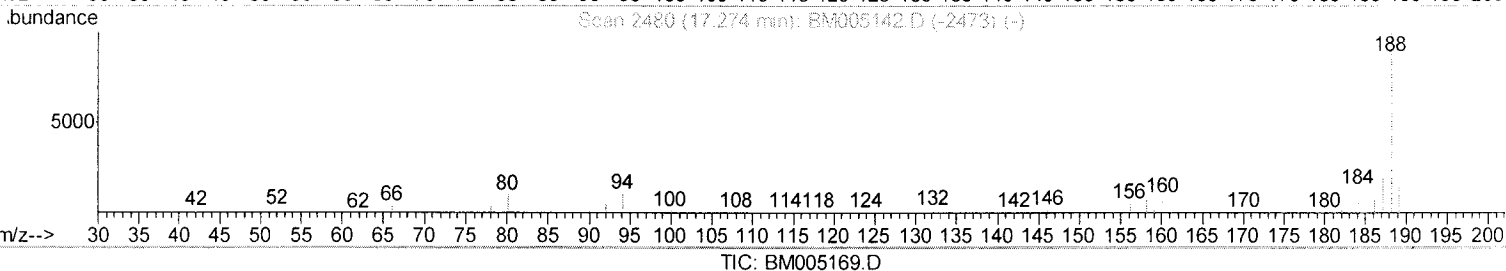
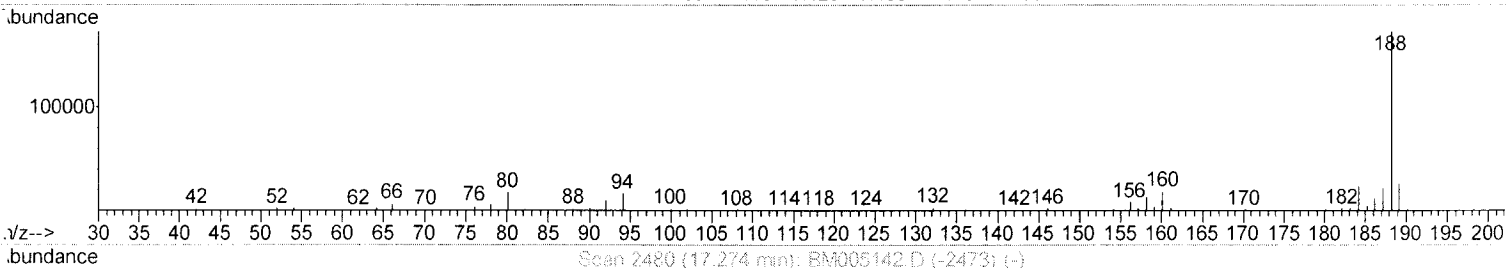
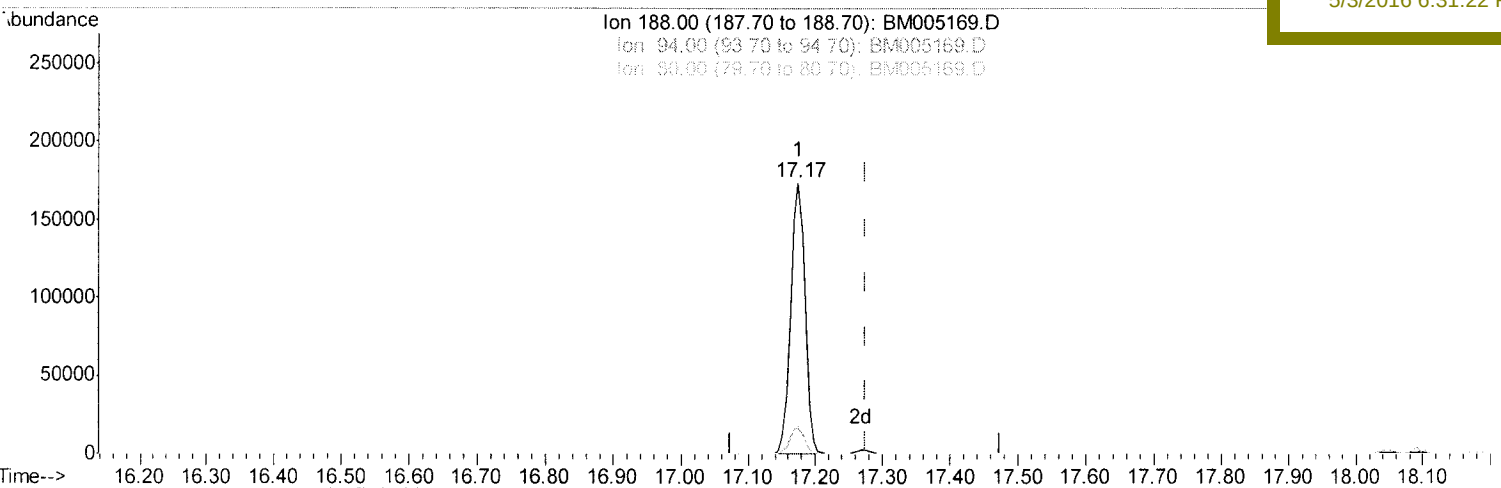
Data Path : Z:\HPCHEM1\BNA_M\Data\BM043016\
Data File : BM005169.D
Acq On : 30 Apr 2016 11:28
Operator : UM/SJ
Sample : H2729-02DL 100X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Apr 30 11:58:09 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM042516.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Apr 30 03:07:27 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BD3D0DL

Manual Integrations
APPROVED

sohil
5/3/2016 6:31:22 PM



(70) Anthracene-d10 (S)

17.174min (-0.100) 22.30ng/ul

response 253186

Ion	Exp%	Act%
188.00	100	100
94.00	10.20	9.64
80.00	9.20	10.35
0.00	0.00	0.00

Quantitation Report (Qedit)

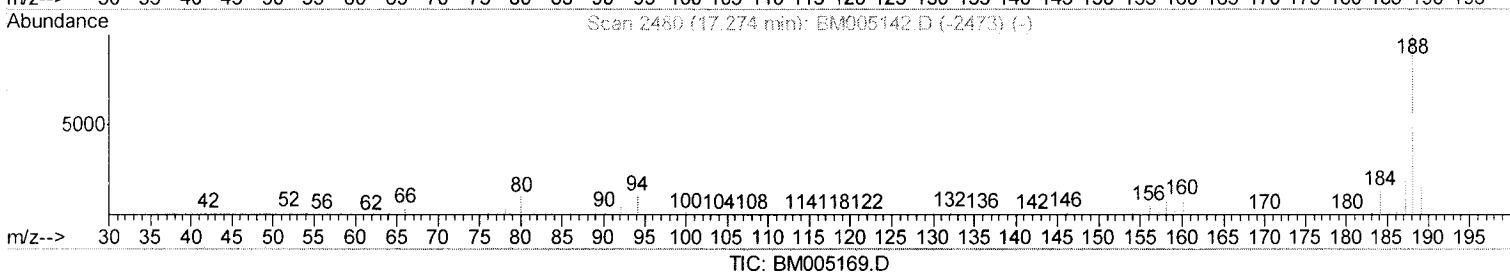
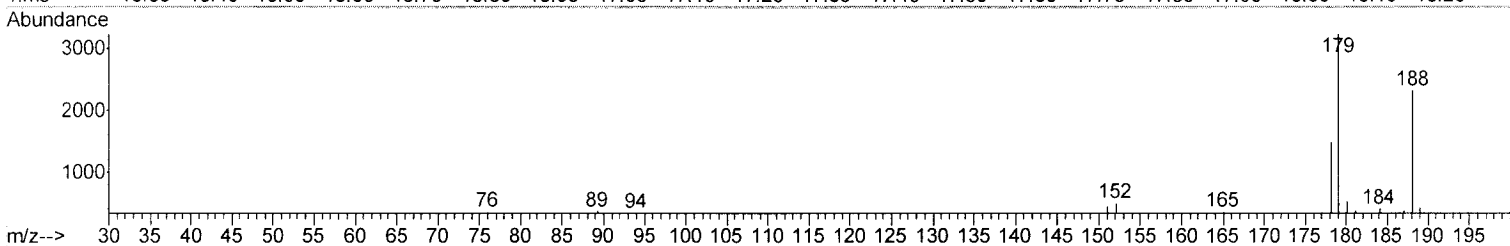
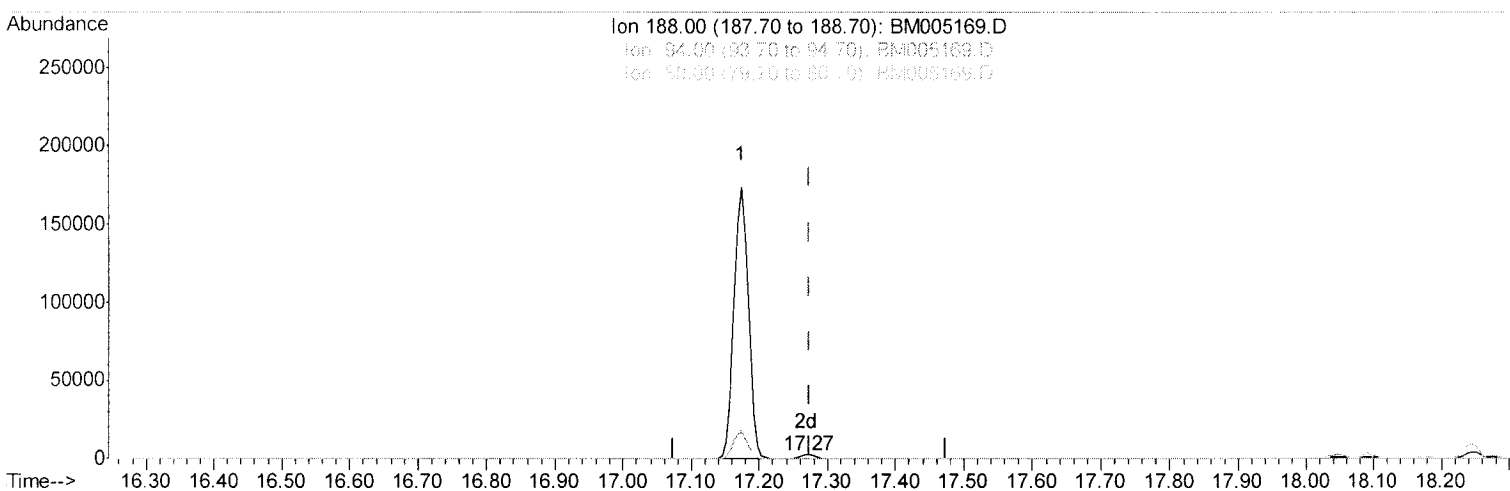
Data Path : Z:\HPCHEM1\BNA_M\Data\BM043016\
 Data File : BM005169.D
 Acq On : 30 Apr 2016 11:28
 Operator : UM/SJ
 Sample : H2729-02DL 100X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BD3D0DL

Manual Integrations
 APPROVED

sohil
 5/3/2016 6:31:22 PM

Quant Time: Apr 30 11:58:09 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM042516.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Apr 30 03:07:27 2016
 Response via : Initial Calibration



(70) Anthracene-d10 (S)

17.268min (-0.006) 0.32ng/ul m U.M

response 3595

Ion	Exp%	Act%
188.00	100	100
94.00	10.20	13.98#
80.00	9.20	0.00#
0.00	0.00	0.00

05/06/16

Quantitation Report (Qedit)

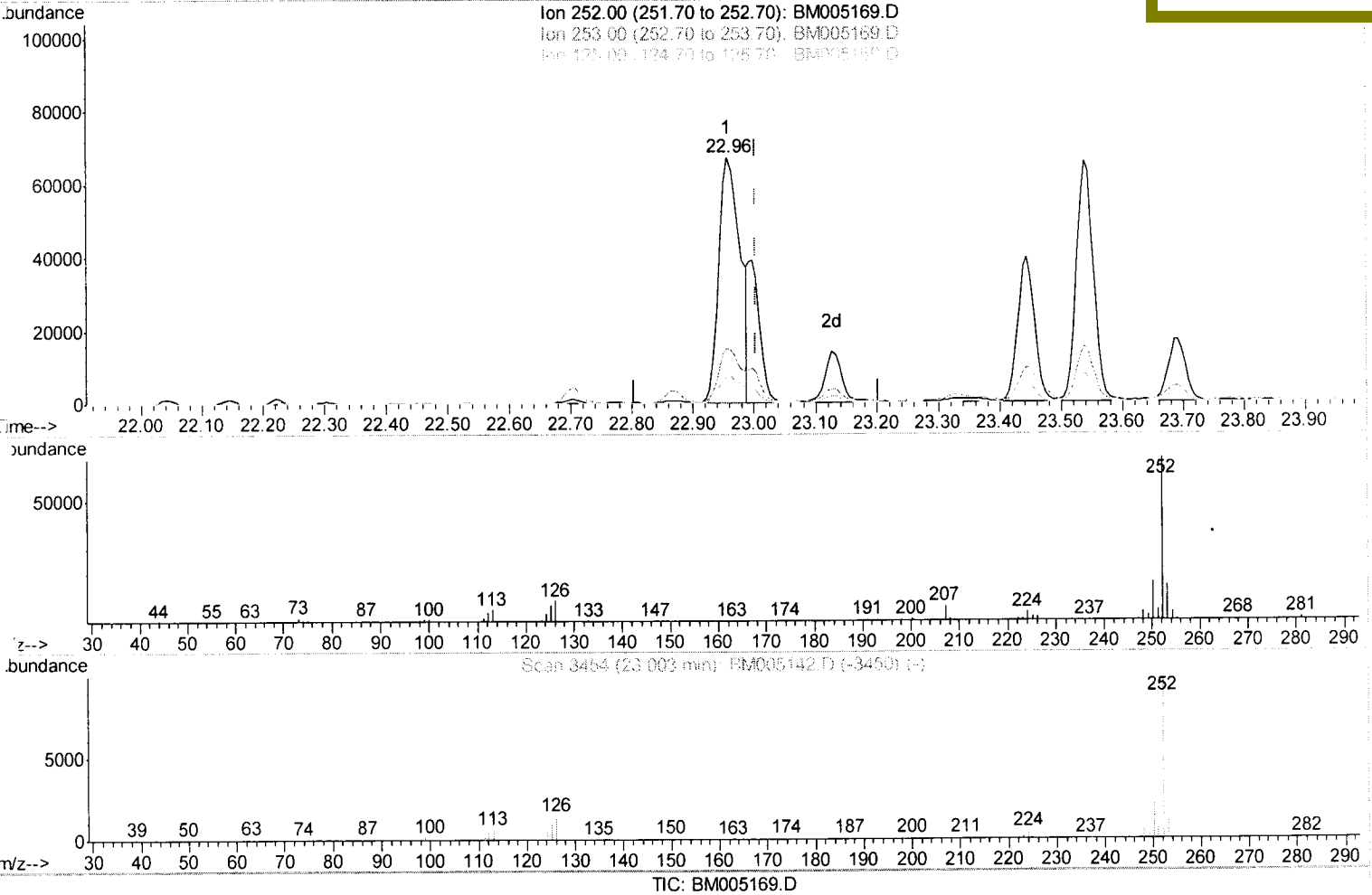
Data Path : Z:\HPCHEM1\BNA_M\Data\BM043016\
 Data File : BM005169.D
 Acq On : 30 Apr 2016 11:28
 Operator : UM/SJ
 Sample : H2729-02DL 100X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
ClientSampled :
 BD3D0DL

Manual Integrations
APPROVED

sohil
 5/3/2016 6:31:22 PM

Quant Time: Apr 30 11:58:09 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM042516.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Apr 30 03:07:27 2016
 Response via : Initial Calibration



(86) Benzo(k)fluoranthene

22.956min (-0.047) 15.44ng/ul

response 161764

Ion	Exp%	Act%
252.00	100	100
253.00	21.90	22.48
125.00	9.90	10.52
0.00	0.00	0.00

Quantitation Report (Qedit)

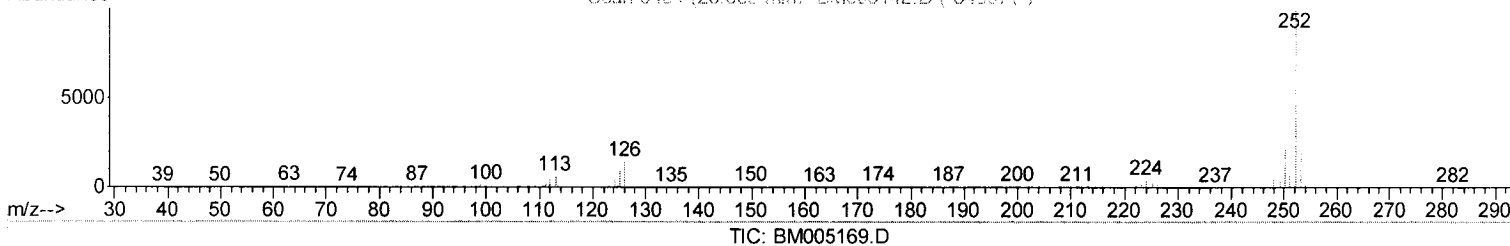
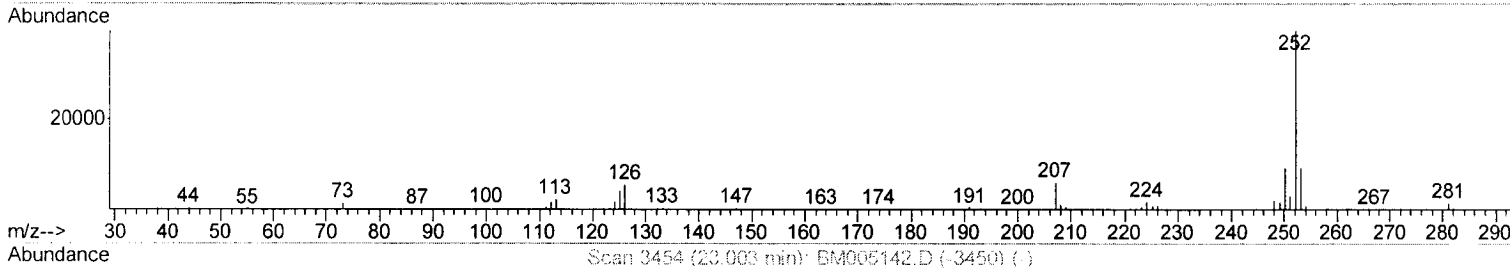
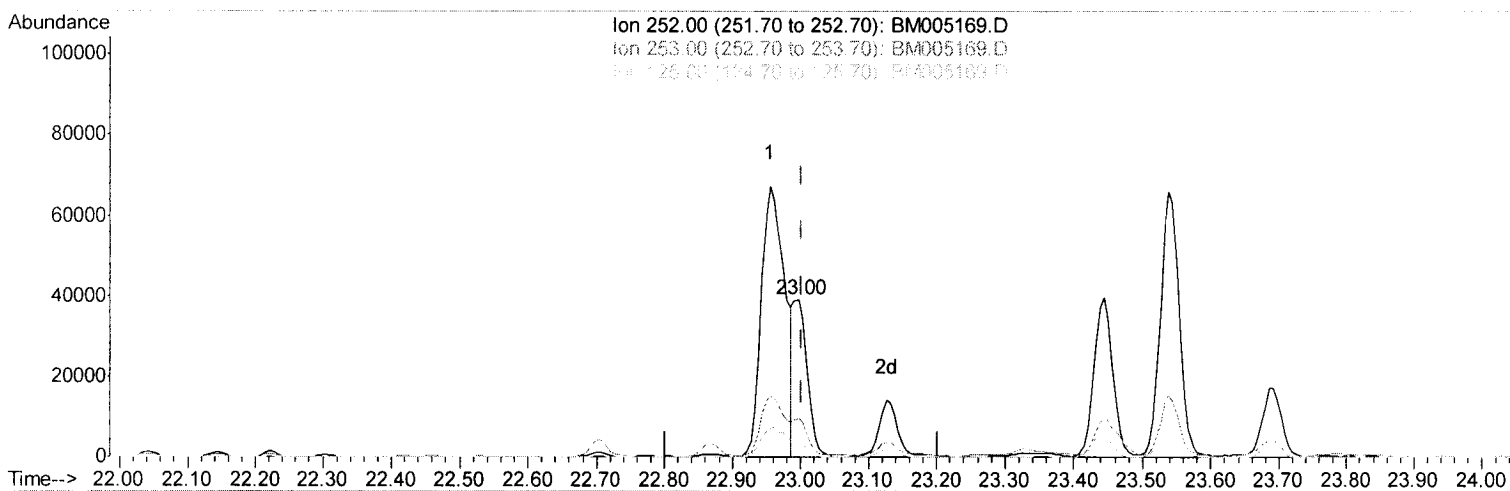
Data Path : Z:\HPCHEM1\BNA_M\Data\BM043016\
 Data File : BM005169.D
 Acq On : 30 Apr 2016 11:28
 Operator : UM/SJ
 Sample : H2729-02DL 100X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BD3D0DL

Manual Integrations
 APPROVED

sohil
 5/3/2016 6:31:22 PM

Quant Time: Apr 30 11:58:09 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM042516.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Apr 30 03:07:27 2016
 Response via : Initial Calibration



(86) Benzo(k)fluoranthene

22.997min (-0.006) 5.30ng/ul m

response 55501

Ion Exp% Act%

252.00 100 100

253.00 21.90 24.07

125.00 9.90 10.71

0.00 0.00 0.00

U.M
 05/06/16

Data Path : Z:\HPCHEM1\BNA_M\Data\BM043016\
 Data File : BM005169.D
 Acq On : 30 Apr 2016 11:28
 Operator : UM/SJ
 Sample : H2729-02DL 100X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BD3D0DL

Quant Time: May 01 06:04:52 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM042516.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Apr 30 03:07:27 2016
 Response via : Initial Calibration

Manual Integrations
 APPROVED

sohil
 5/3/2016 6:31:22 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	39087	20.00	ng/ul	0.00
18) Naphthalene-d8	10.57	136	186681	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.43	164	113338	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.17	188	253186	20.00	ng/ul	0.00
75) Chrysene-d12	21.36	240	215584	20.00	ng/ul	0.00
83) Perylene-d12	23.64	264	178898	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	0.00	99	0	0.00	ng/ul	
7) Bis-(2-Chloroethyl)ether-d	0.00	67	0	0.00	ng/ul	
9) 2-Chlorophenol-d4	0.00	132	0	0.00	ng/ul	
13) 4-Methylphenol-d8	0.00	113	0	0.00	ng/ul	
19) Nitrobenzene-d5	0.00	128	0	0.00	ng/ul	
22) 2-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
26) 2,4-Dichlorophenol-d3	0.00	165	0	0.00	ng/ul	
29) 4-Chloroaniline-d4	0.00	131	0	0.00	ng/ul	
43) Dimethylphthalate-d6	13.83	166	1638	0.18	ng/ul	0.00
46) Acenaphthylene-d8	14.12	160	2229	0.21	ng/ul	0.00
51) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
57) Fluorene-d10	15.42	176	2441	0.31	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
70) Anthracene-d10	17.27	188	3595m	0.32	ng/ul	0.00
76) Pyrene-d10	19.57	212	3201	0.33	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.49	264	2391	0.30	ng/ul	-0.01

U.M
 5/5/2016

Target Compounds

						Qvalue
28) Naphthalene	10.62	128	72920	7.74	ng/ul	99
34) 2-Methylnaphthalene	12.24	142	16047	2.30	ng/ul	99
47) Acenaphthylene	14.15	152	34700	3.08	ng/ul	98
53) Dibenzofuran	14.83	168	41064	3.75	ng/ul	100
58) Fluorene	15.47	166	41252	4.86	ng/ul	98
69) Phenanthrene	17.22	178	468742	34.79	ng/ul	99
71) Anthracene	17.30	178	110187	8.11	ng/ul	100
72) Carbazole	17.58	167	36426	3.13	ng/ul	98
74) Fluoranthene	19.23	202	548391	36.98	ng/ul	100
77) Pyrene	19.60	202	475430	38.18	ng/ul	99
80) Benzo(a)anthracene	21.35	228	180839	14.65	ng/ul	97
82) Chrysene	21.40	228	160051	13.55	ng/ul	98
85) Benzo(b)fluoranthene	22.96	252	161764	15.01	ng/ul	98
86) Benzo(k)fluoranthene	23.00	252	55501m	5.30	ng/ul	
88) Benzo(a)pyrene	23.54	252	124971	12.42	ng/ul	97
89) Indeno(1,2,3-cd)pyrene	25.94	276	68684	7.15	ng/ul	97
91) Benzo(g,h,i)perylene	26.65	276	62214	7.92	ng/ul	98

U.M
 5/5/2016

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