

Quantitation Report (QT Reviewed)

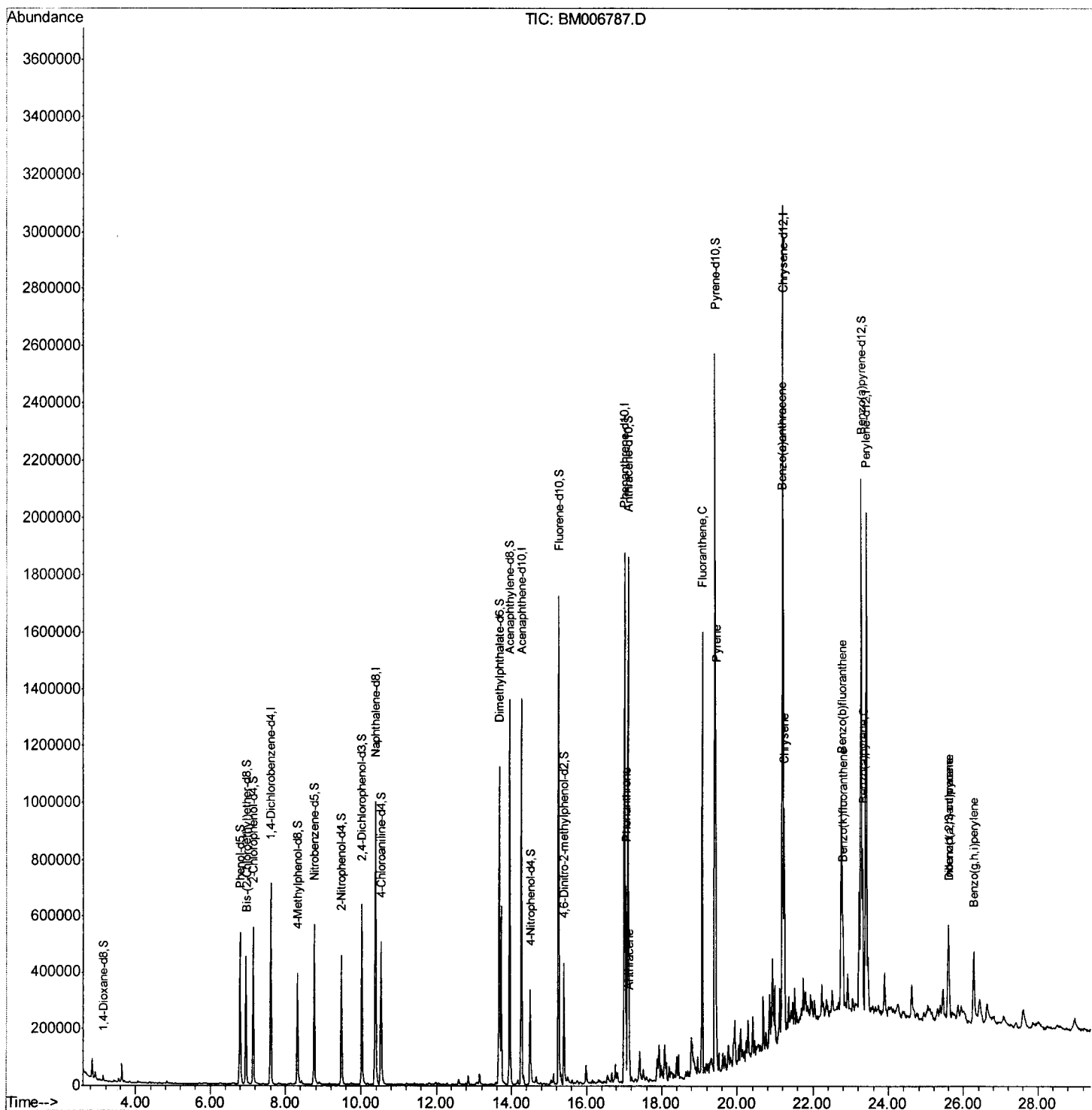
Data Path : Z:\HPCHEM1\BNA_M\Data\BM073116\
Data File : BM006787.D
Acq On : 31 Jul 2016 13:44
Operator : UM/SJ
Sample : H4189-11
Misc :
ALS Vial : 56 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
D9ZQ0

Manual Integrations
APPROVED

sohil
8/1/2016 7:06:20 PM

Quant Time: Aug 01 07:12:25 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072016.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Jul 30 01:37:26 2016
Response via : Initial Calibration



Quantitation Report (Qedit)

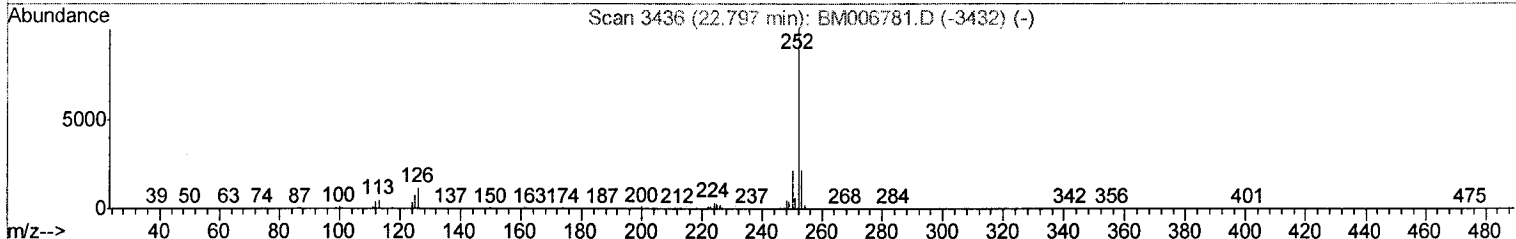
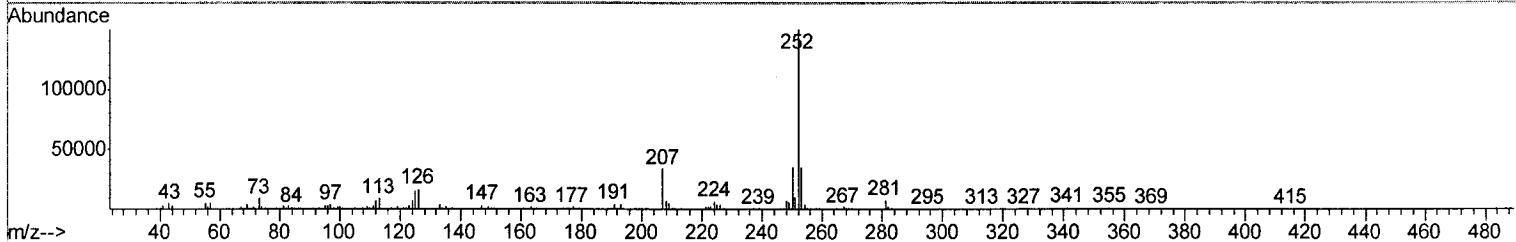
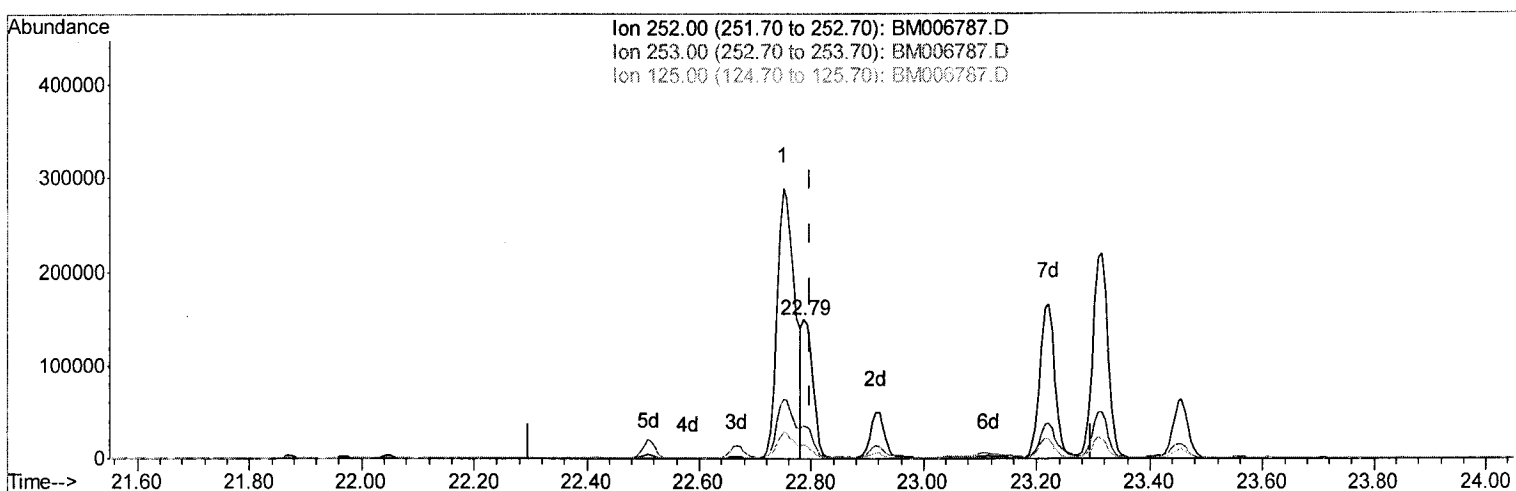
Data Path : Z:\HPCHEM1\BNA_M\Data\BM073116\
 Data File : BM006787.D
 Acq On : 31 Jul 2016 13:44
 Operator : UM/SJ
 Sample : H4189-11
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9ZQ0

Manual Integrations
 APPROVED

sohil
 8/1/2016 7:06:20 PM

Quant Time: Aug 01 06:42:16 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Jul 30 01:37:26 2016
 Response via : Initial Calibration



TIC: BM006787.D

(36) Benzo(k)fluoranthene

22.785min (-0.012) 2.69ng/ul m

response 198478

U.M
 08/02/16

Ion	Exp%	Act%
252.00	100	100
253.00	22.30	23.46
125.00	9.60	10.63
0.00	0.00	0.00

Quantitation Report (Qedit)

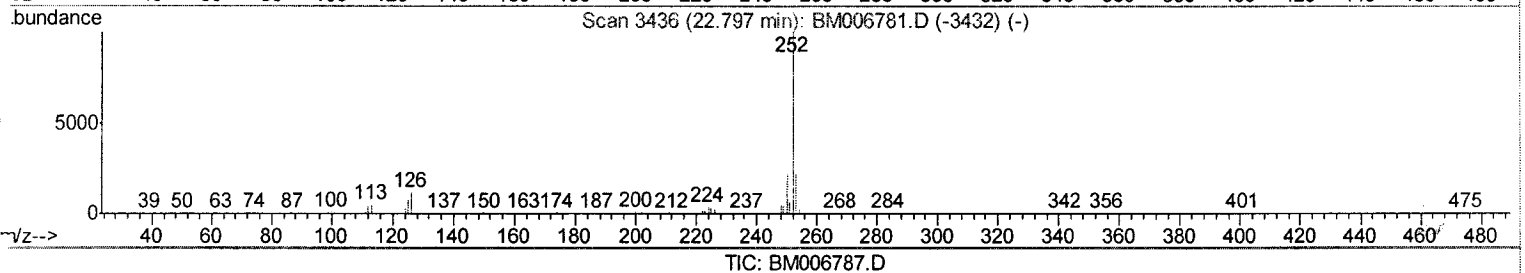
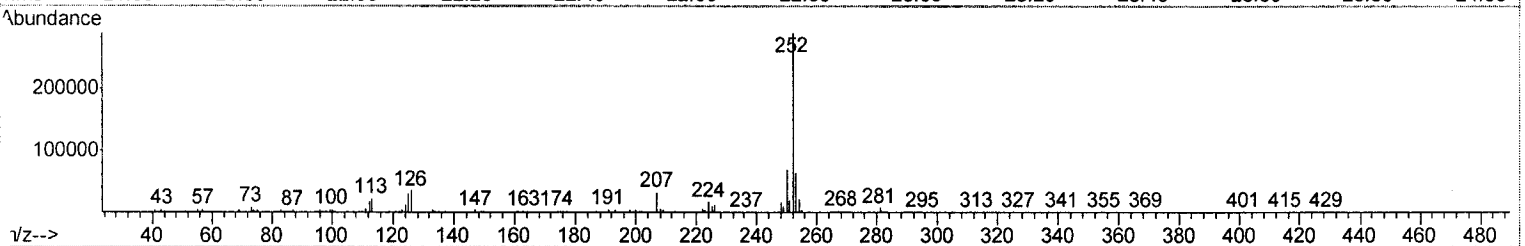
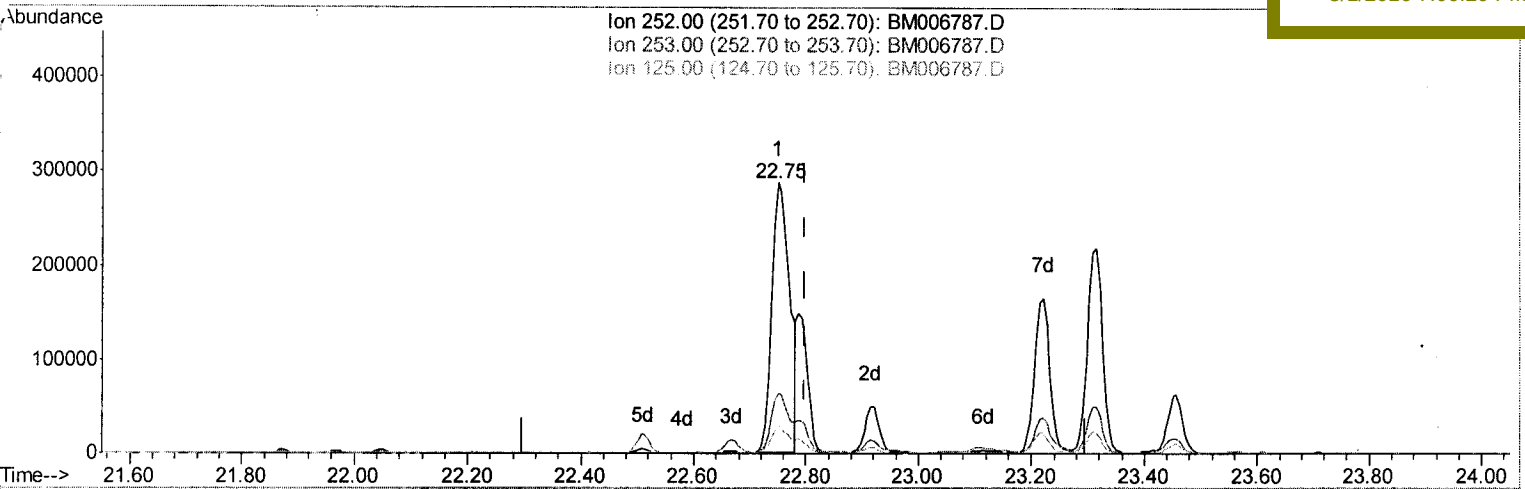
Data Path : Z:\HPCHEM1\BNA_M\Data\BM073116\
Data File : BM006787.D
Acq On : 31 Jul 2016 13:44
Operator : UM/SJ
Sample : H4189-11
Misc :
ALS Vial : 56 Sample Multiplier: 1

Quant Time: Aug 01 06:42:16 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072016.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Jul 30 01:37:26 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
D9ZQ0

Manual Integrations
APPROVED

sohil
8/1/2016 7:06:20 PM



(36) Benzo(k)fluoranthene

22.750min (-0.047) 8.58ng/ul

response 633898

Ion	Exp%	Act%
252.00	100	100
253.00	22.30	22.13
125.00	9.60	10.18
0.00	0.00	0.00

Quantitation Report (Qedit)

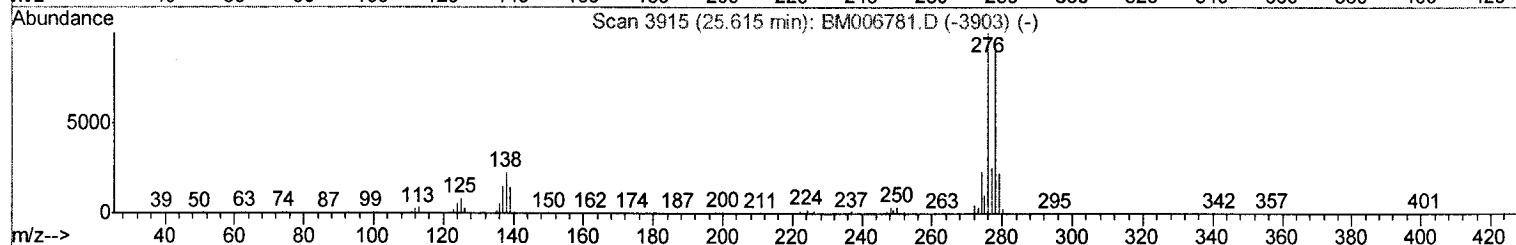
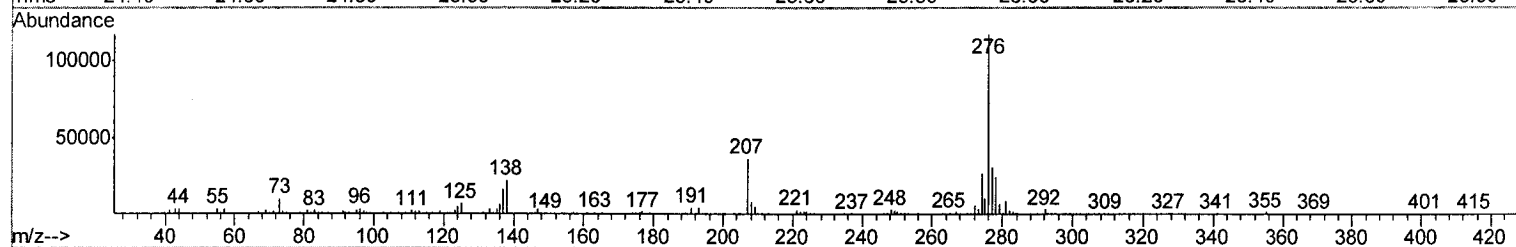
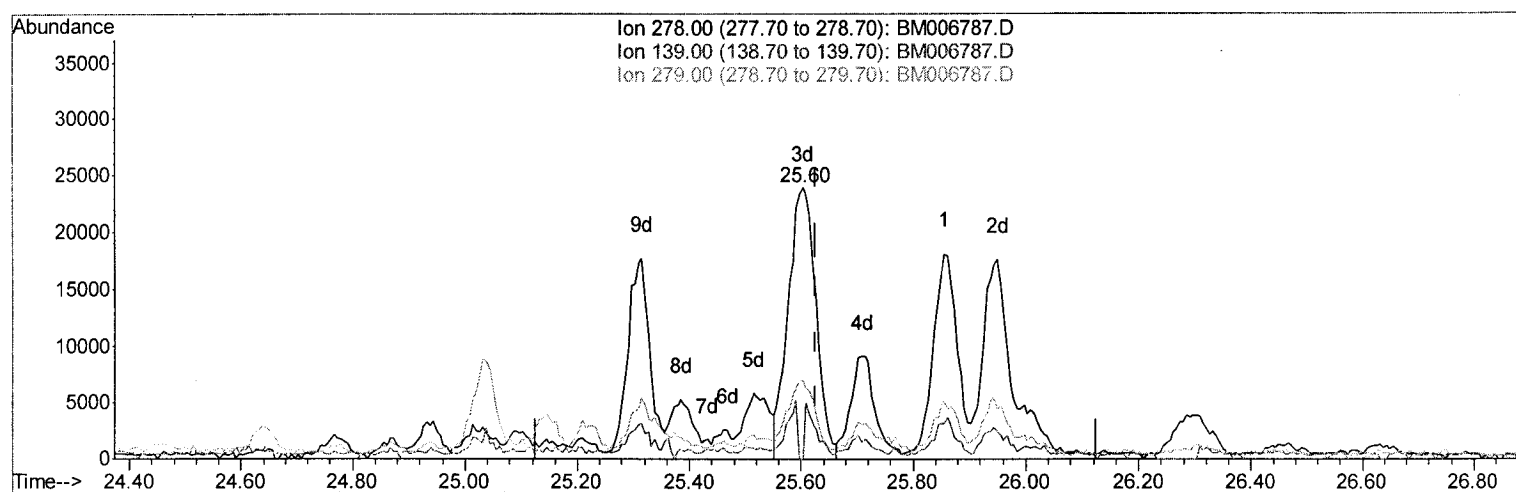
Data Path : Z:\HPCHEM1\BNA_M\Data\BM073116\
 Data File : BM006787.D
 Acq On : 31 Jul 2016 13:44
 Operator : UM/SJ
 Sample : H4189-11
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9ZQ0

Manual Integrations
 APPROVED

sohil
 8/1/2016 7:06:20 PM

Quant Time: Aug 01 06:42:16 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Jul 30 01:37:26 2016
 Response via : Initial Calibration



TIC: BM006787.D

(40) Dibenzo(a,h)anthracene

25.603min (-0.024) 1.15ng/ul m U.M
 response 82298 08/02/16

Ion	Exp%	Act%
278.00	100	100
139.00	15.10	0.00#
279.00	24.80	29.16
0.00	0.00	0.00

Quantitation Report (Qedit)

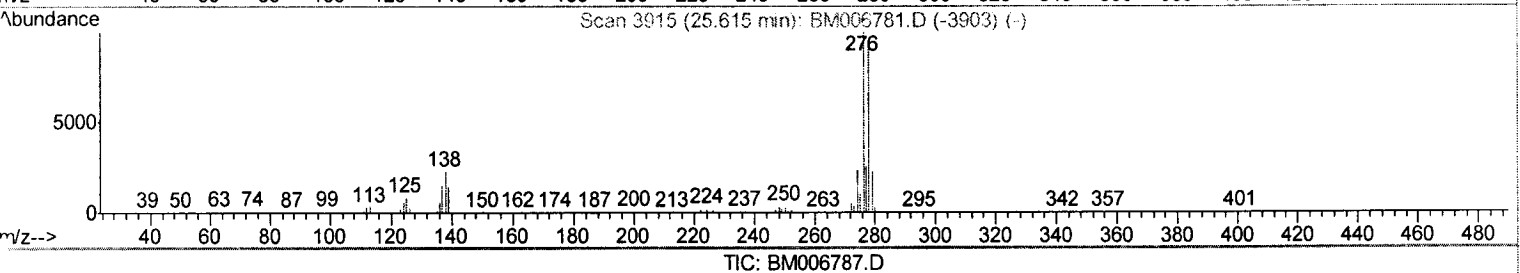
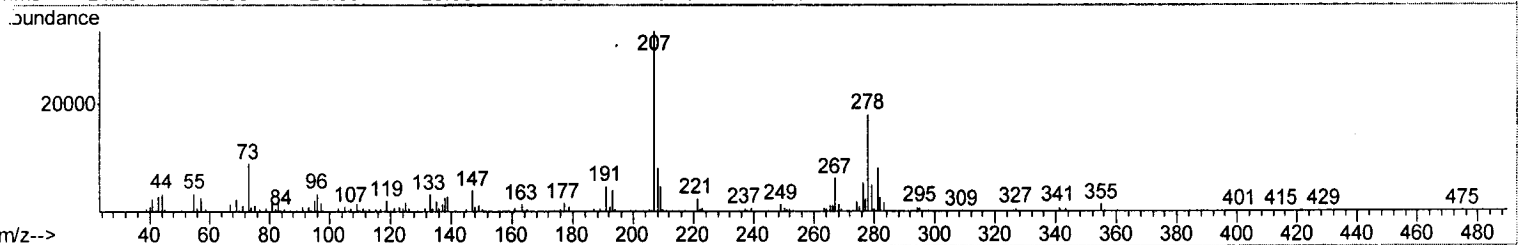
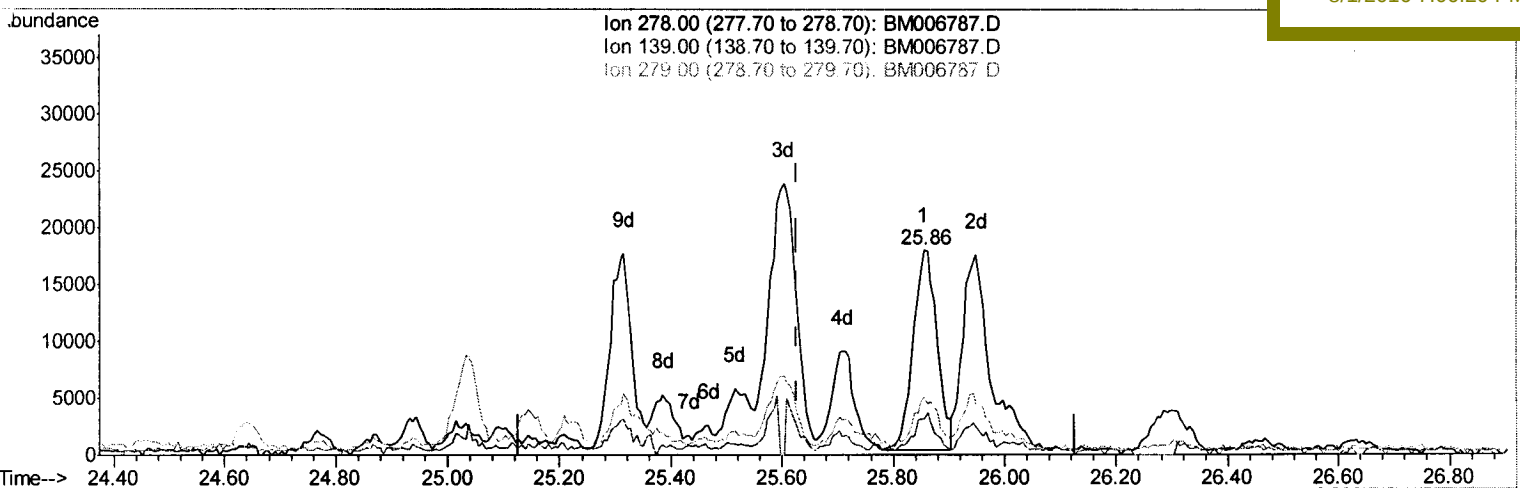
Data Path : Z:\HPCHEM1\BNA_M\Data\BM073116\
Data File : BM006787.D
Acq On : 31 Jul 2016 13:44
Operator : UM/SJ
Sample : H4189-11
Misc :
ALS Vial : 56 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
D9ZQ0

Quant Time: Aug 01 06:42:16 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072016.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Jul 30 01:37:26 2016
Response via : Initial Calibration

Manual Integrations
APPROVED

sohil
8/1/2016 7:06:20 PM



(40) Dibenzo(a,h)anthracene

25.856min (+0.229) 0.73ng/ul

response 51836

Ion	Exp%	Act%
278.00	100	100
139.00	15.10	17.40
279.00	24.80	28.37
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_M\Data\BM073116\
 Data File : BM006787.D
 Acq On : 31 Jul 2016 13:44
 Operator : UM/SJ
 Sample : H4189-11
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9ZQ0

Quant Time: Aug 01 07:12:25 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Jul 30 01:37:26 2016
 Response via : Initial Calibration

Manual Integrations
 APPROVED

sohil
 8/1/2016 7:06:20 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	188571	20.00	ng/ul	0.00
7) Naphthalene-d8	10.38	136	835282	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.26	164	471869	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.01	188	1067742	20.00	ng/ul	0.00
29) Chrysene-d12	21.21	240	1210555	20.00	ng/ul	0.00
34) Perylene-d12	23.41	264	1274492	20.00	ng/ul	0.00

System Monitoring Compounds

2) 1,4-Dioxane-d8	3.13	96	7666	1.64	ng/uL	0.00
3) Phenol-d5	6.79	99	292442	18.23	ng/ul	0.00
4) Bis-(2-Chloroethyl) ether-d	6.95	67	206456	20.77	ng/ul	0.00
5) 2-Chlorophenol-d4	7.14	132	245824	19.18	ng/ul	0.00
6) 4-Methylphenol-d8	8.32	113	145759	11.72	ng/ul	0.00
8) Nitrobenzene-d5	8.76	128	127815	20.22	ng/ul	0.00
9) 2-Nitrophenol-d4	9.47	143	137407	20.44	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.01	165	243362	19.15	ng/ul	0.00
12) 4-Chloroaniline-d4	10.53	131	280354	20.03	ng/ul	0.00
16) Dimethylphthalate-d6	13.67	166	764980	20.68	ng/ul	0.00
17) Acenaphthylene-d8	13.94	160	1003709	21.25	ng/ul	0.00
20) 4-Nitrophenol-d4	14.49	143	98432	15.32	ng/ul	0.00
21) Fluorene-d10	15.26	176	704178	21.28	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.40	200	84942	15.33	ng/ul	0.00
26) Anthracene-d10	17.11	188	1059101	20.89	ng/ul	0.00
30) Pyrene-d10	19.41	212	1236310	22.41	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.27	264	1276211	21.77	ng/ul	-0.01

Target Compounds

						Qvalue
25) Phenanthrene	17.05	178	410844	6.84	ng/ul	100
27) Anthracene	17.14	178	78515	1.27	ng/ul	97
28) Fluoranthene	19.07	202	905400	12.83	ng/ul	99
31) Pyrene	19.44	202	751515	10.25	ng/ul	97
32) Benzo(a)anthracene	21.19	228	419408	5.72	ng/ul	98
33) Chrysene	21.24	228	431656	6.38	ng/ul	99
35) Benzo(b)fluoranthene	22.75	252	633898	8.30	ng/ul	99
36) Benzo(k)fluoranthene	22.79	252	198478m	2.69	ng/ul	
38) Benzo(a)pyrene	23.31	252	398273	5.36	ng/ul	98
39) Indeno(1,2,3-cd)pyrene	25.60	276	313357	3.64	ng/ul	96
40) Dibenzo(a,h)anthracene	25.60	278	82298m	1.15	ng/ul	
41) Benzo(g,h,i)perylene	26.28	276	298938	4.05	ng/ul	97

U.M
 08/02/16

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