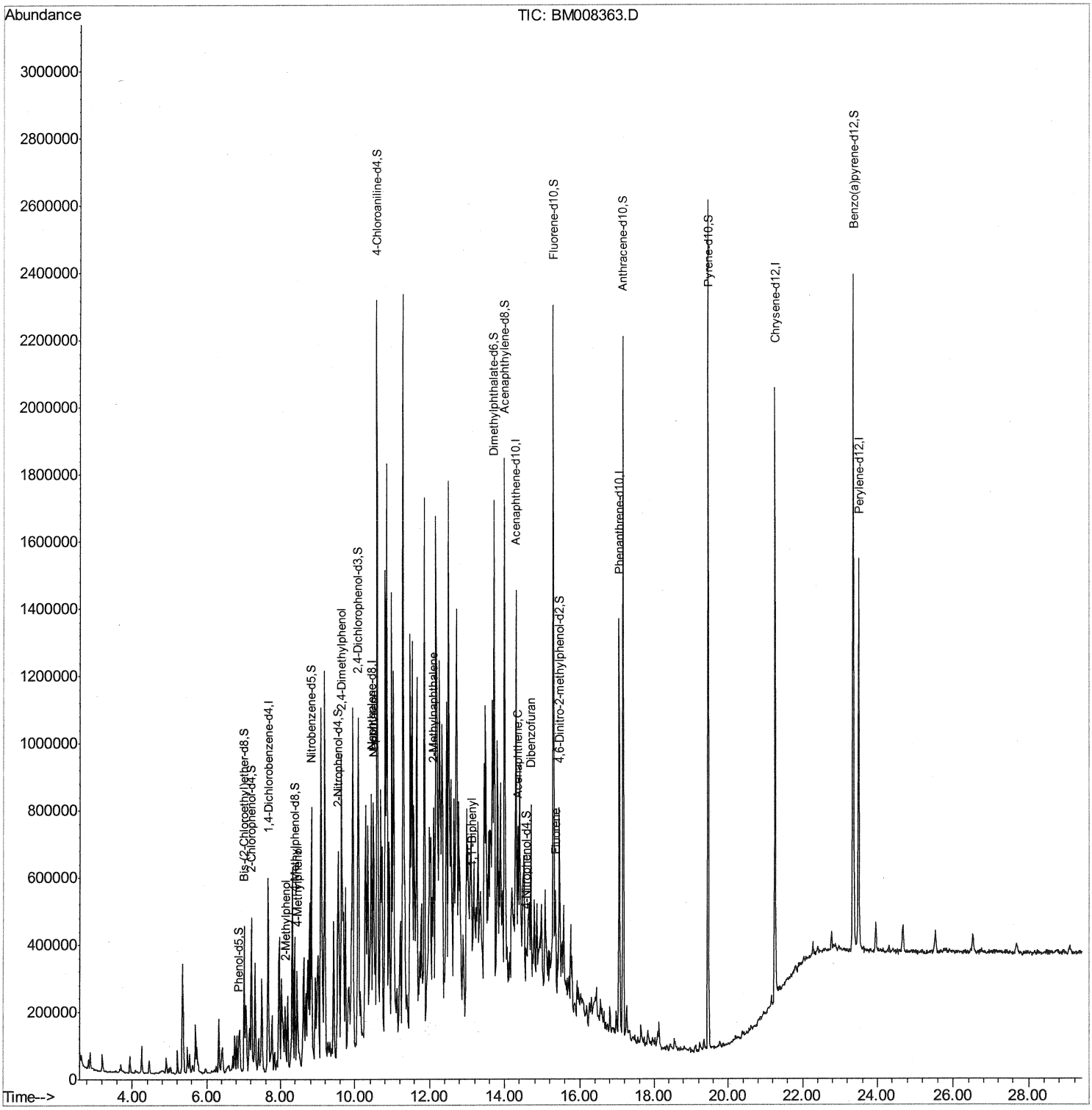
Data Path : Z:\HPCHEM1\BNA_M\Data\BM121616\
Data File : BM008363.D
Acq On : 16 Dec 2016 03:15
Operator : UM/SJ
Sample : H6039-05
Misc :
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Dec 16 11:43:23 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM1214
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 16 03:09:13 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
DA8S1

Manual Integrations APPROVED
sohil
12/16/2016 6:22:23 PM

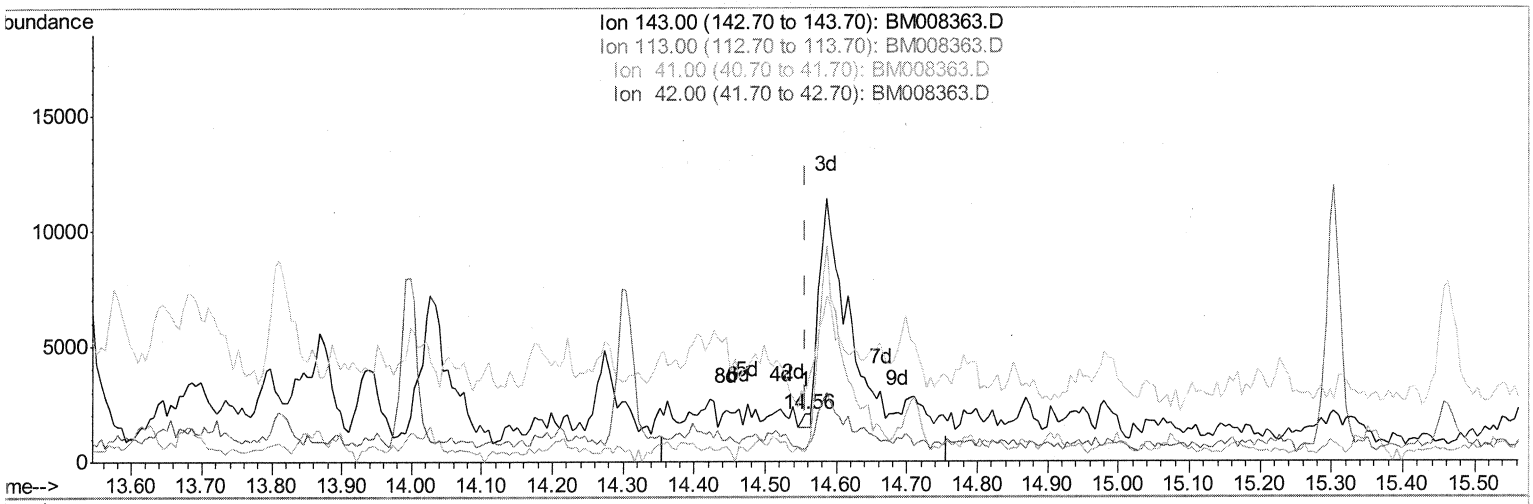


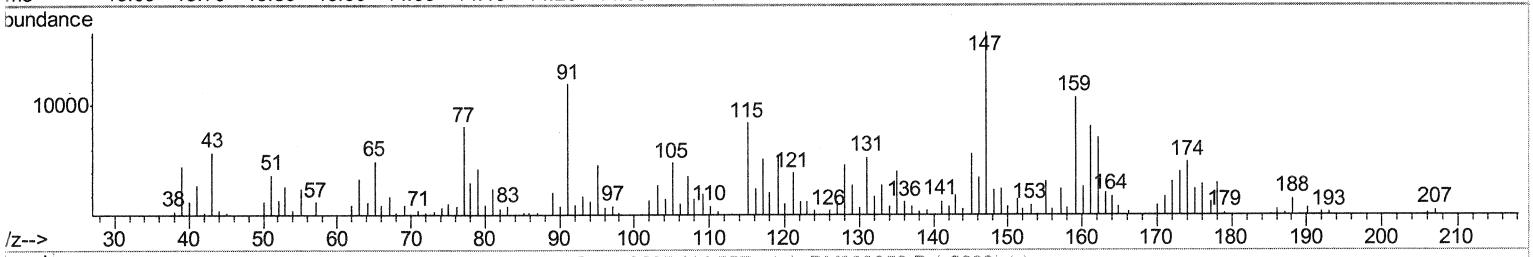
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121616\
Data File : BM008363.D
Acq On : 16 Dec 2016 03:15
Operator : UM/SJ
Sample : H5939-05
Misc :
ALS Vial : 27 Sample Multiplier: 1

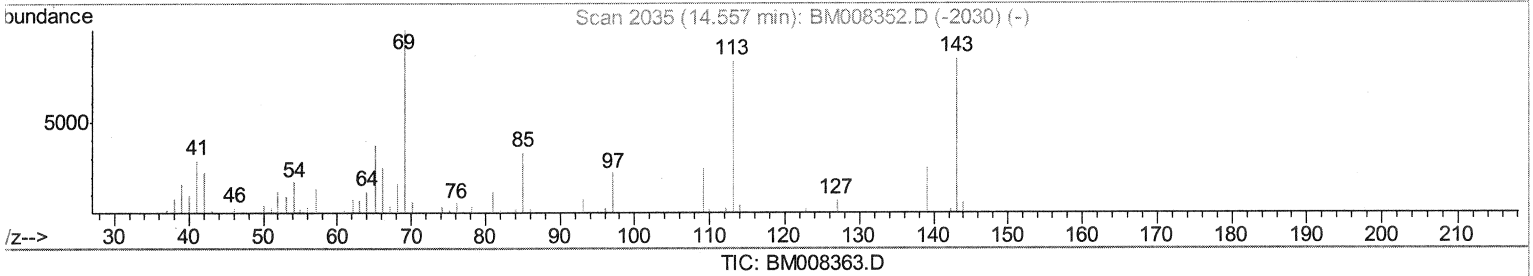
Quant Time: Dec 16 03:50:42 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM12141
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 16 03:09:13 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
DA8S1

Manual Integrations APPROVED
sohil
12/16/2016 6:22:23 PM







TIC: BM008363.D

(51) 4-Nitrophenol-d4 (S)

14.557min (+0.000) 0.14ng/ul

response 509

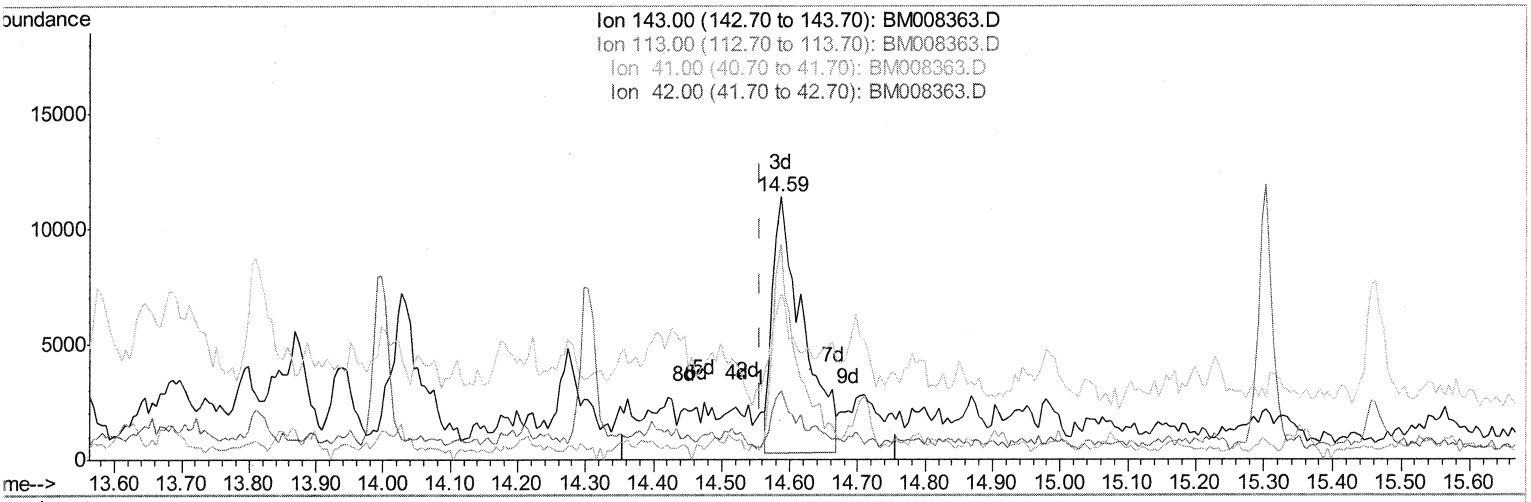
Ion	Exp%	Act%
143.00	100	100
113.00	101.20	21.09#
41.00	39.40	144.92#
42.00	27.40	25.59

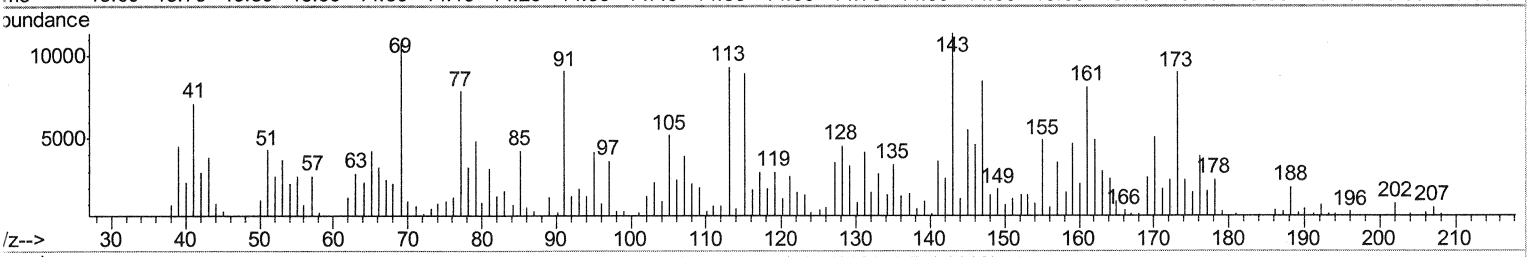
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121616\
Data File : BM008363.D
Acq On : 16 Dec 2016 03:15
Operator : UM/SJ
Sample : H5939-05
Misc :
ALS Vial : 27 Sample Multiplier: 1

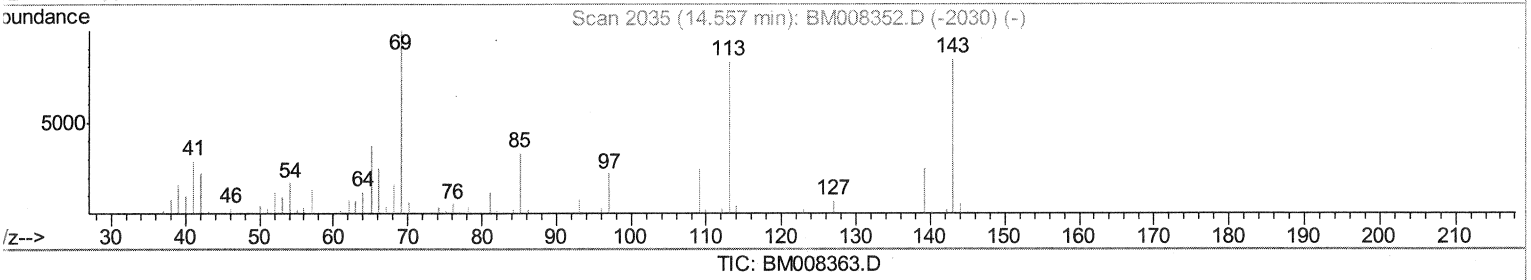
Quant Time: Dec 16 03:50:42 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM12141
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 16 03:09:13 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
DA8S1

Manual Integrations APPROVED
sohil
12/16/2016 6:22:23 PM







TIC: BM008363.D

(51) 4-Nitrophenol-d4 (S)

14.586min (+0.029) 9.71ng/ul m SJ 12/20/16

response 34586

Ion	Exp%	Act%
143.00	100	100
113.00	101.20	82.06
41.00	39.40	62.81#
42.00	27.40	26.35

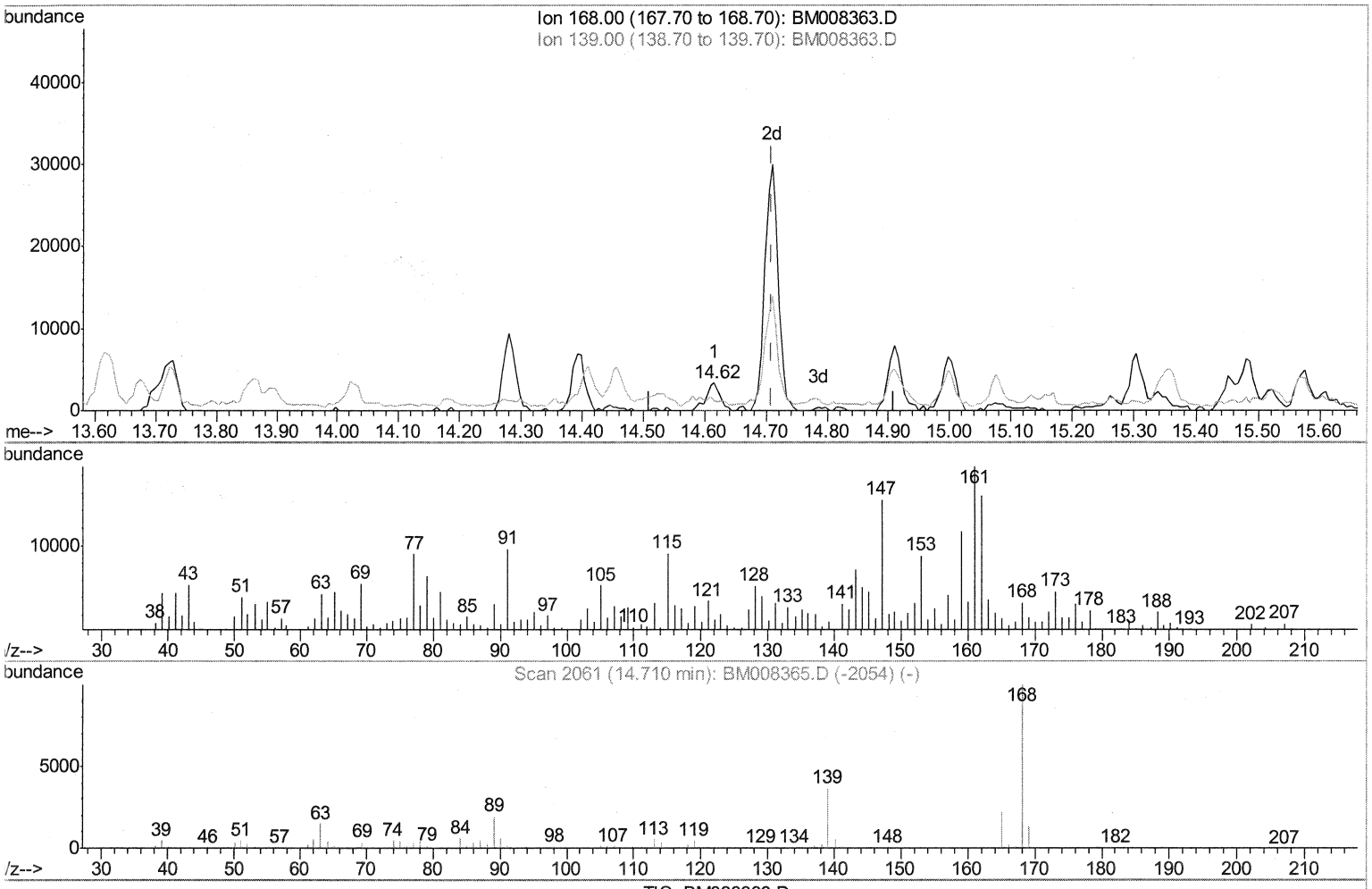
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM121616\
Data File : BM008363.D
Acq On : 16 Dec 2016 03:15
Operator : UM/SJ
Sample : H6039-05
Misc :
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Dec 16 03:52:55 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM1214
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 16 03:09:13 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
DA8S1

Manual Integrations APPROVED
sohil
12/16/2016 6:22:23 PM



TIC: BM008363.D

(53) Dibenzofuran

14.615min (-0.094) 0.18ng/ul

response 5342

Ion	Exp%	Act%
168.00	100	100
139.00	38.10	36.70
0.00	0.00	0.00
0.00	0.00	0.00

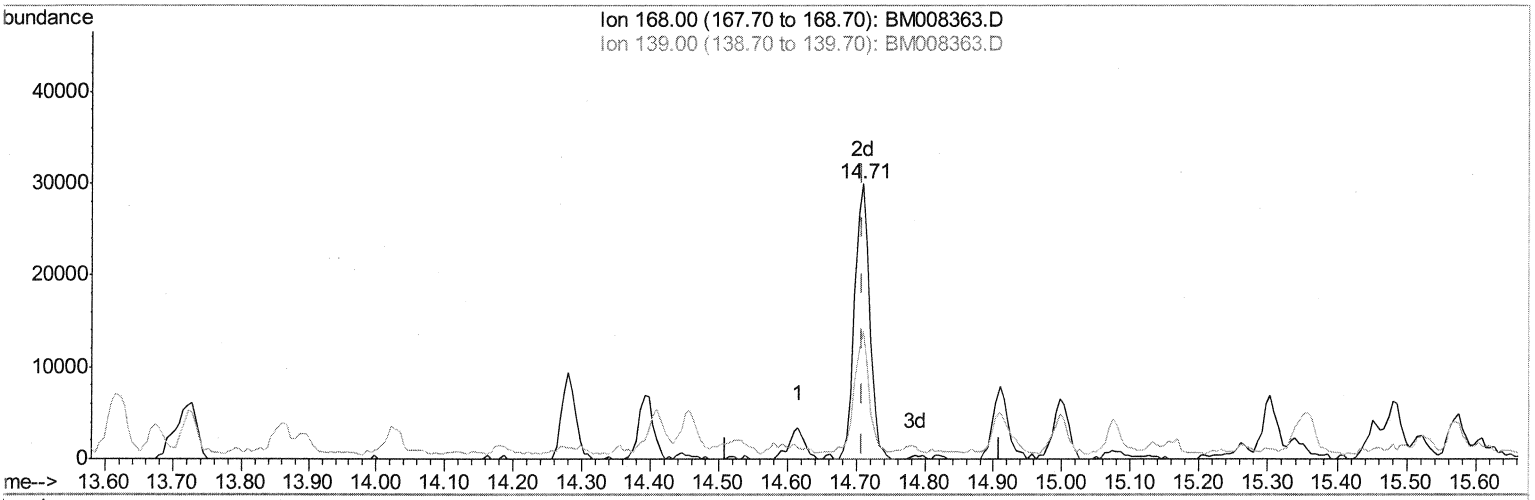
Quantitation Report (Qedit)

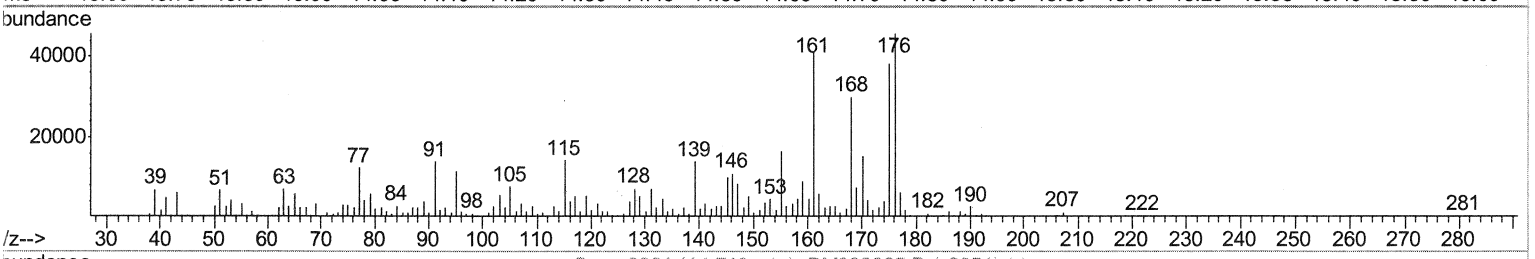
Data Path : Z:\HPCHEM1\BNA_M\Data\BM121616\
Data File : BM008363.D
Acq On : 16 Dec 2016 03:15
Operator : UM/SJ
Sample : H6039-05
Misc :
ALS Vial : 27 Sample Multiplier: 1

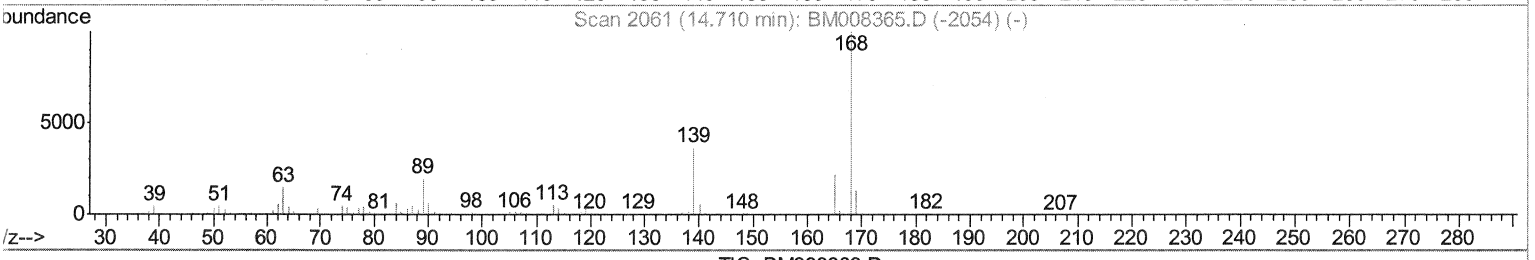
Quant Time: Dec 16 03:52:55 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM1214
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 16 03:09:13 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
DA8S1

Manual Integrations APPROVED
sohil
12/16/2016 6:22:23 PM







TIC: BM008363.D

(53) Dibenzofuran

14.710min (+0.000) 1.57ng/ul m SJ 12/20/16

response 45626

Ion	Exp%	Act%
168.00	100	100
139.00	38.10	46.44#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM121616\
Data File : BM008363.D
Acq On : 16 Dec 2016 03:15
Operator : UM/SJ
Sample : H6039-05
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA8S1

Manual Integrations APPROVED
sohil
12/16/2016 6:22:23 PM

Quant Time: Dec 16 11:43:23 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM121416
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 16 03:09:13 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	132646	20.00	ng/ul	0.00
18) Naphthalene-d8	10.44	136	518799	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.30	164	363660	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.06	188	727012	20.00	ng/ul	0.00
75) Chrysene-d12	21.26	240	890126	20.00	ng/ul	0.00
83) Perylene-d12	23.49	264	905352	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.00	96	0d	0.00	ng/uL	
5) Phenol-d5	6.86	99	70855	6.89	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.01	67	191975	32.46	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	204706	26.44	ng/ul	0.00
13) 4-Methylphenol-d8	8.39	113	138279	17.35	ng/ul	0.00
19) Nitrobenzene-d5	8.83	128	129202	34.46	ng/ul	0.00
22) 2-Nitrophenol-d4	9.54	143	146019	35.15	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.08	165	251782	33.07	ng/ul	0.00
29) 4-Chloroaniline-d4	10.59	131	39304	4.50	ng/ul	0.00
43) Dimethylphthalate-d6	13.73	166	867500	35.89	ng/ul	0.00
46) Acenaphthylene-d8	14.00	160	1030106	36.06	ng/ul	0.00
51) 4-Nitrophenol-d4	14.59	143	34586m	9.71	ng/ul	0.03
57) Fluorene-d10	15.30	176	771568	36.72	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.46	200	130374	30.13	ng/ul	0.00
70) Anthracene-d10	17.16	188	1177070	37.16	ng/ul	0.00
76) Pyrene-d10	19.46	212	1355414	39.43	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.34	264	1377653	36.24	ng/ul	0.00
Target Compounds						Qvalue
11) 2-Methylphenol	8.13	108	39832	5.09	ng/ul	92
16) 4-Methylphenol	8.46	108	88912	10.48	ng/ul	90
24) 2,4-Dimethylphenol	9.63	107	363408	38.29	ng/ul	97
28) Naphthalene	10.49	128	439037	17.88	ng/ul	99
34) 2-Methylnaphthalene	12.10	142	172528	9.72	ng/ul	99
40) 1,1'-Biphenyl	13.13	154	49225	2.03	ng/ul#	93
49) Acenaphthene	14.37	153	32859	1.64	ng/ul	99
53) Dibenzofuran	14.71	168	45626m	1.57	ng/ul	
58) Fluorene	15.36	166	51882	2.17	ng/ul	97

SJ 12/20/16

SJ 12/20/16

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