

Quantitation Report (QT Reviewed)

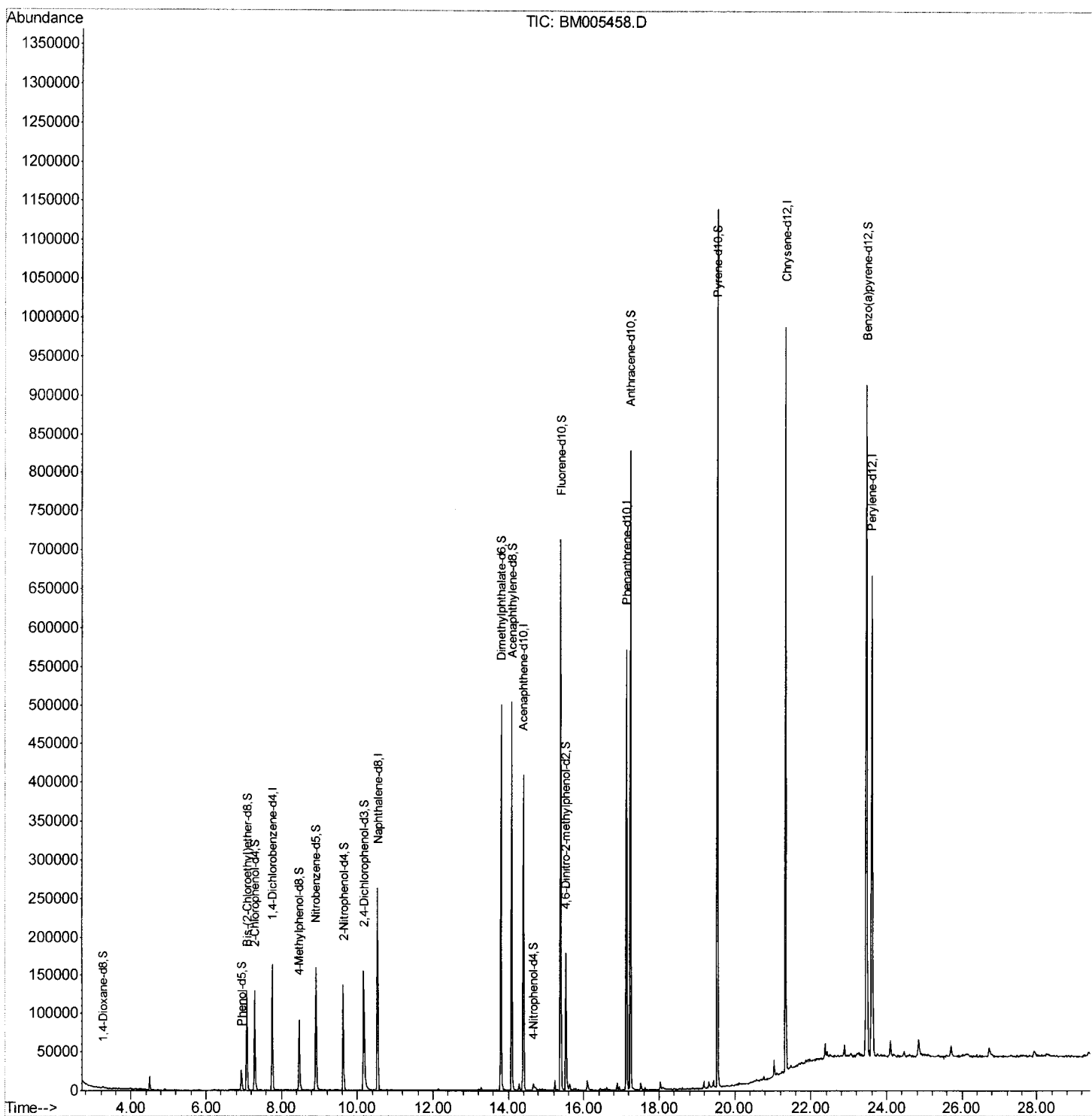
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051316\
 Data File : BM005458.D
 Acq On : 14 May 2016 09:59
 Operator : UM/SJ
 Sample : H2853-18
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9X09

Manual Integrations
 APPROVED

sohil
 5/16/2016 7:02:00 PM

Quant Time: May 16 04:09:17 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM050516.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat May 14 00:15:57 2016
 Response via : Initial Calibration



Quantitation Report (Qedit)

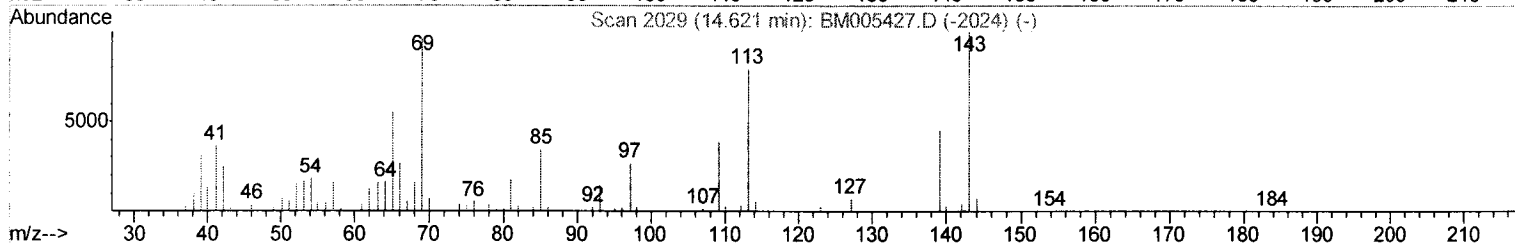
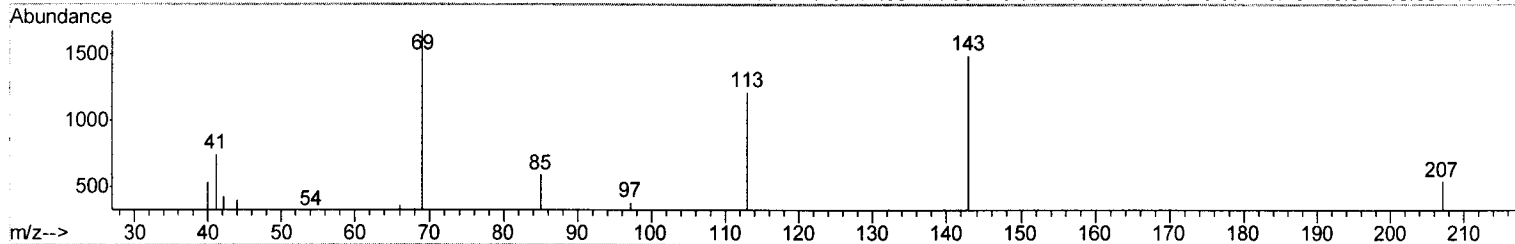
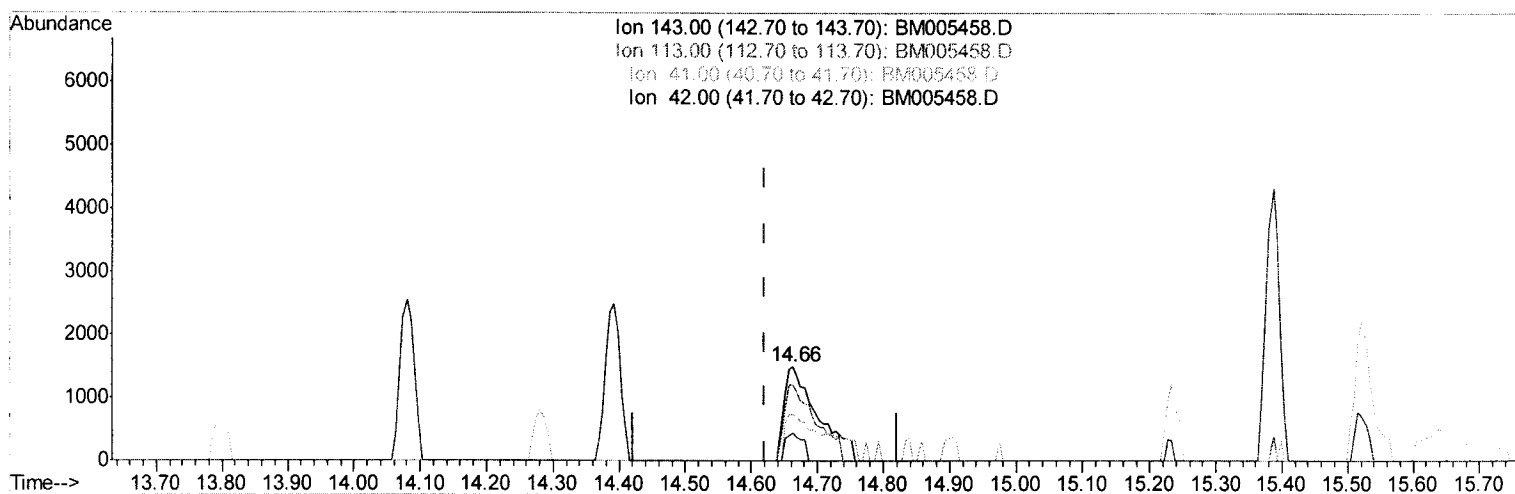
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051316\
 Data File : BM005458.D
 Acq On : 14 May 2016 09:59
 Operator : UM/SJ
 Sample : H2853-18
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9X09

Manual Integrations
 APPROVED

sohil
 5/16/2016 7:02:00 PM

Quant Time: May 16 03:40:41 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM050516.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat May 14 00:15:57 2016
 Response via : Initial Calibration



TIC: BM005458.D

(51) 4-Nitrophenol-d4 (S)

14.663min (+0.041) 2.62ng/ul m

response 5296

Ion	Exp%	Act%
143.00	100	100
113.00	75.60	81.33
41.00	38.10	50.00#
42.00	26.00	28.45

U.M
 05/17/16

Quantitation Report (Qedit)

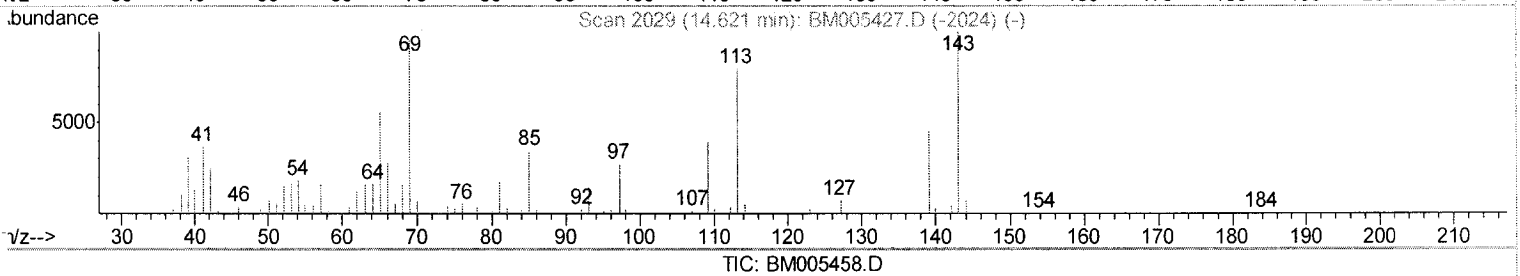
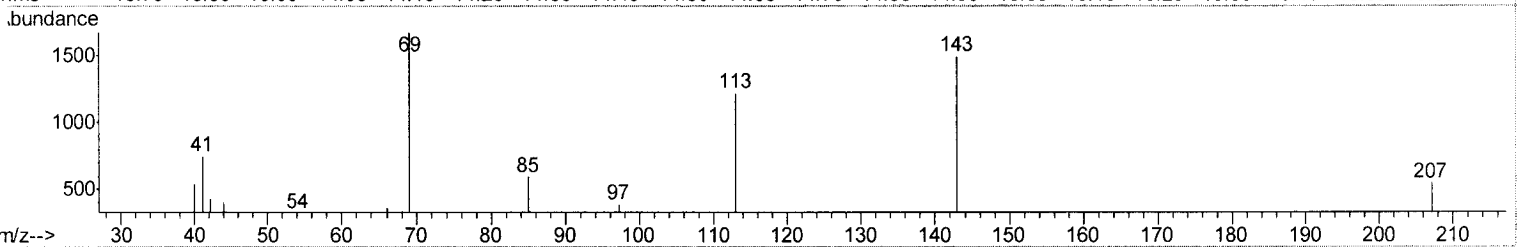
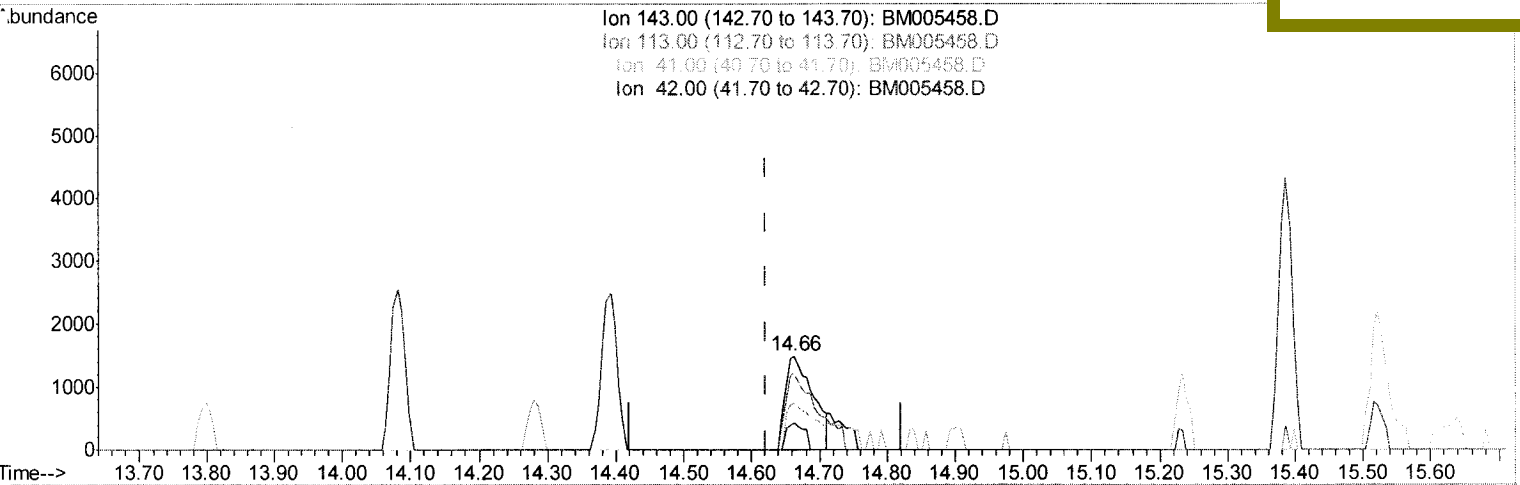
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051316\
Data File : BM005458.D
Acq On : 14 May 2016 09:59
Operator : UM/SJ
Sample : H2853-18
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
D9X09

Manual Integrations
APPROVED

sohil
5/16/2016 7:02:00 PM

Quant Time: May 16 03:40:41 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM050516.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat May 14 00:15:57 2016
Response via : Initial Calibration



(51) 4-Nitrophenol-d4 (S)

14.663min (+0.041) 2.10ng/ul

response 4256

Ion	Exp%	Act%
143.00	100	100
113.00	75.60	81.33
41.00	38.10	50.00#
42.00	26.00	28.45

Quantitation Report (Qedit)

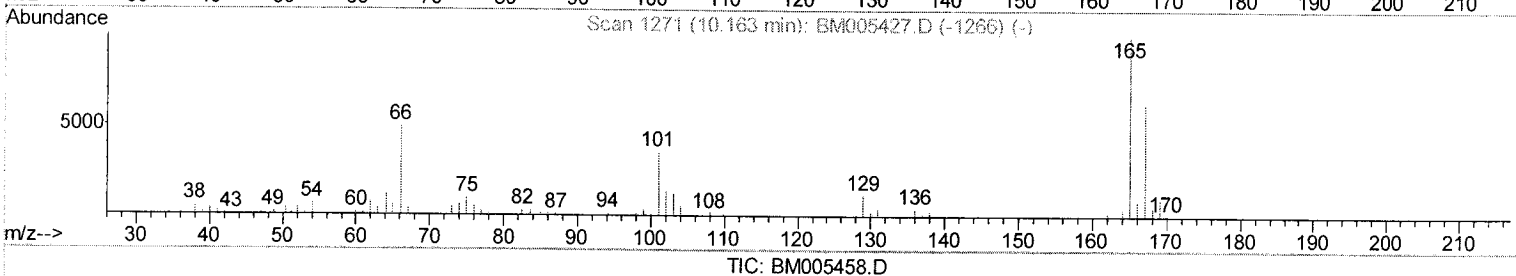
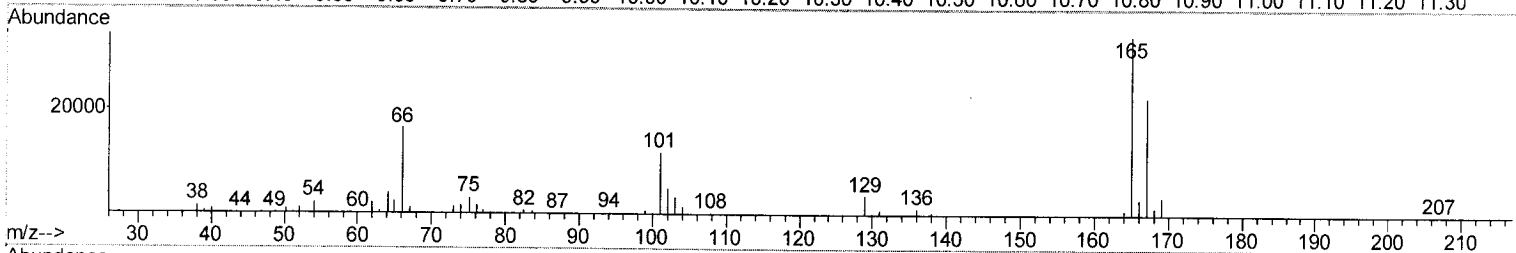
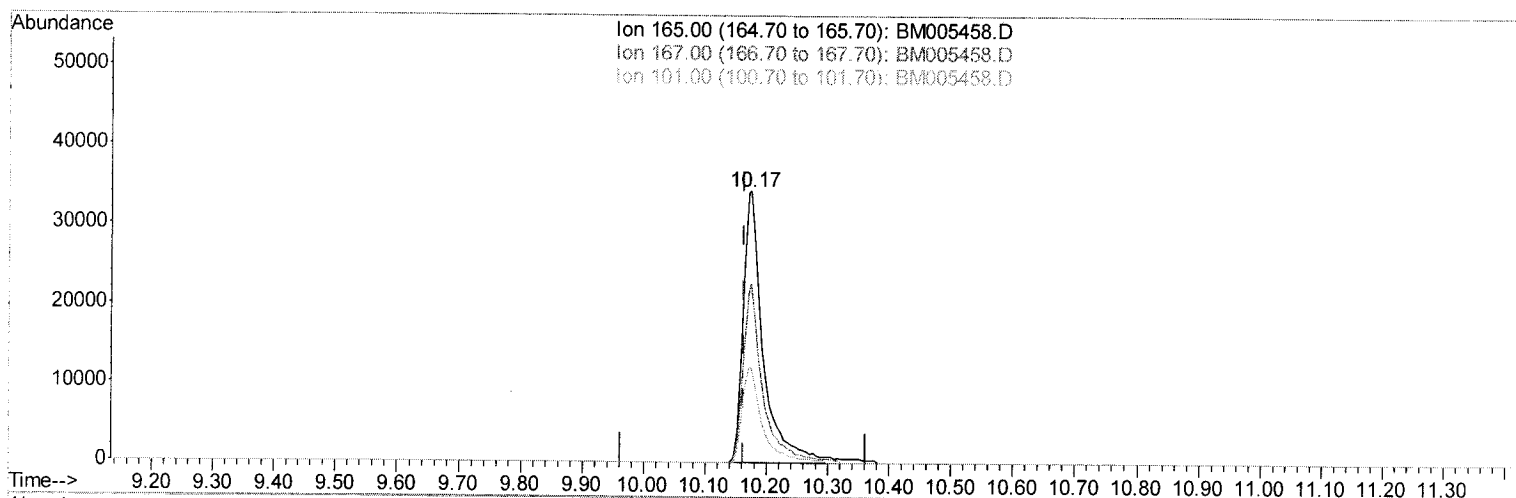
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051316\
 Data File : BM005458.D
 Acq On : 14 May 2016 09:59
 Operator : UM/SJ
 Sample : H2853-18
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9X09

Manual Integrations
 APPROVED

sohil
 5/16/2016 7:02:00 PM

Quant Time: May 16 03:40:41 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM050516.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat May 14 00:15:57 2016
 Response via : Initial Calibration



TIC: BM005458.D

(26) 2,4-Dichlorophenol-d3 (S)

10.175min (+0.012) 24.90ng/ul m

response 81920

Ion	Exp%	Act%
165.00	100	100
167.00	63.70	65.78
101.00	34.30	35.09
0.00	0.00	0.00

U.M
 05/17/16

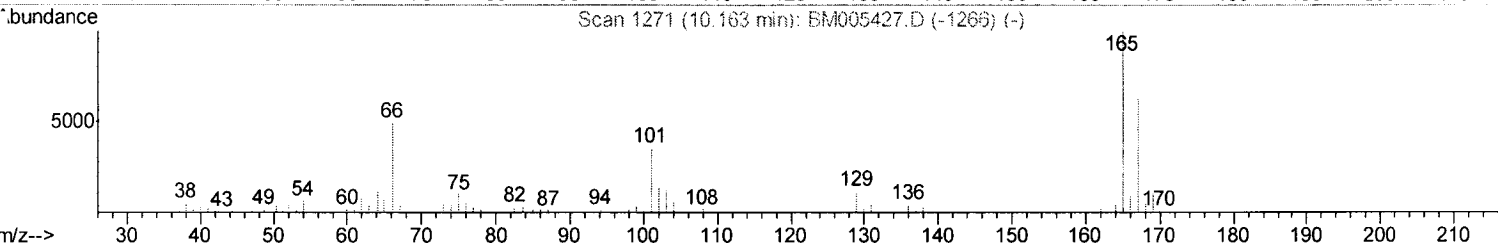
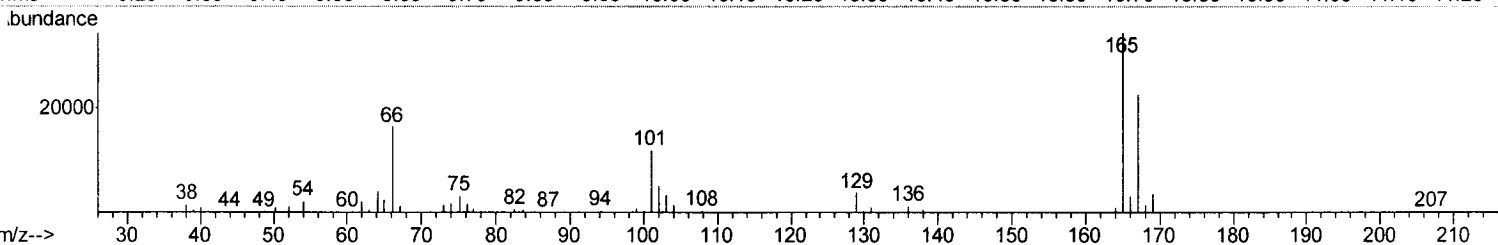
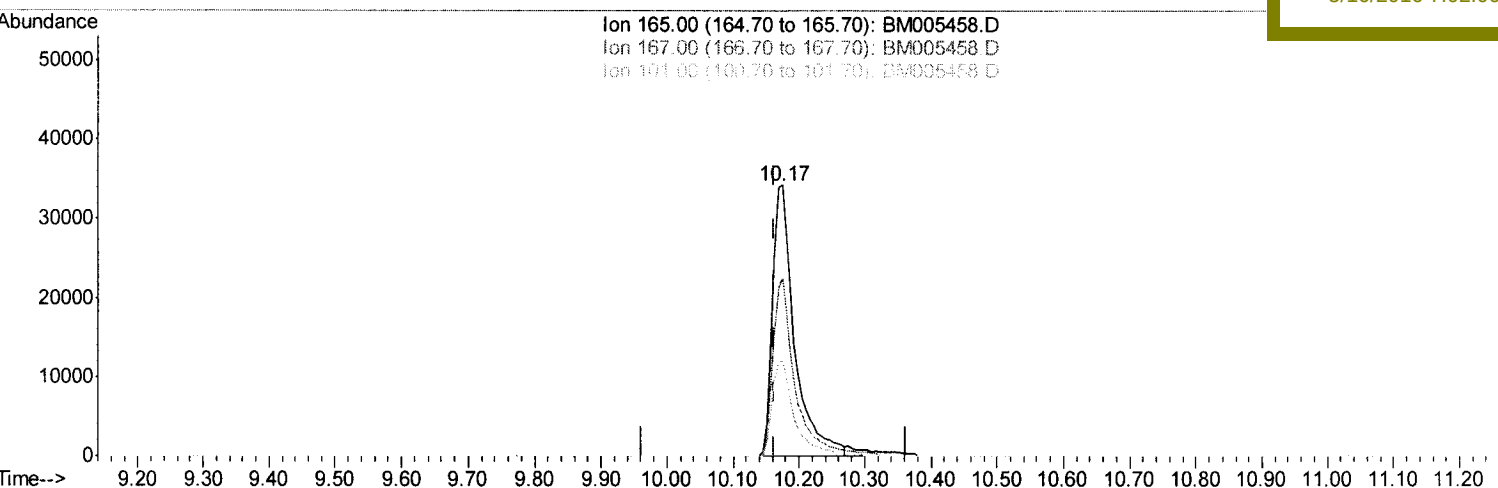
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051316\
Data File : BM005458.D
Acq On : 14 May 2016 09:59
Operator : UM/SJ
Sample : H2853-18
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
D9X09

Quant Time: May 16 03:40:41 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM050516.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat May 14 00:15:57 2016
Response via : Initial Calibration

Manual Integrations
APPROVED

sohil
5/16/2016 7:02:00 PM



TIC: BM005458.D

(26) 2,4-Dichlorophenol-d3 (S)

10.175min (+0.012) 23.77ng/ul

response 78195

Ion	Exp%	Act%
165.00	100	100
167.00	63.70	65.78
101.00	34.30	35.09
0.00	0.00	0.00

Quantitation Report (Qedit)

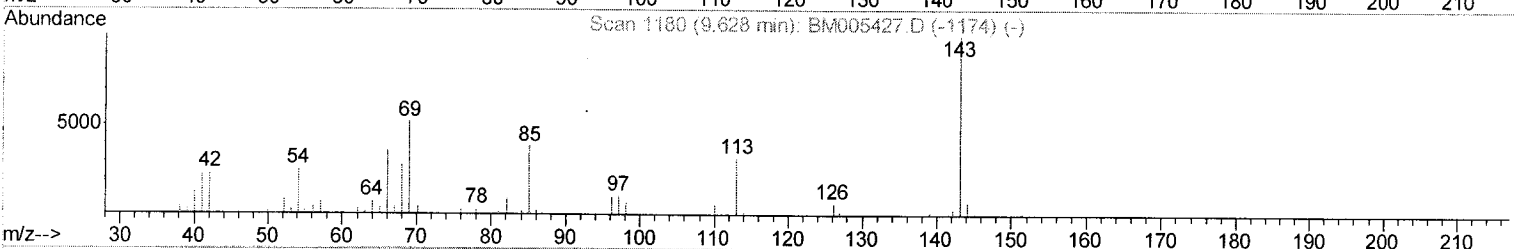
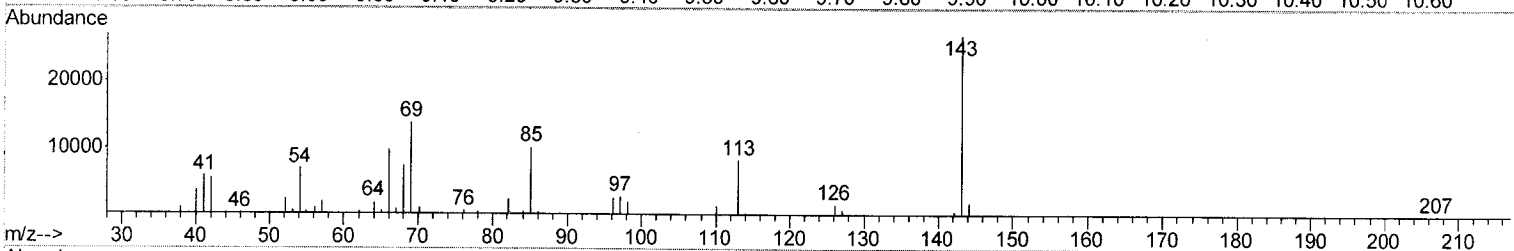
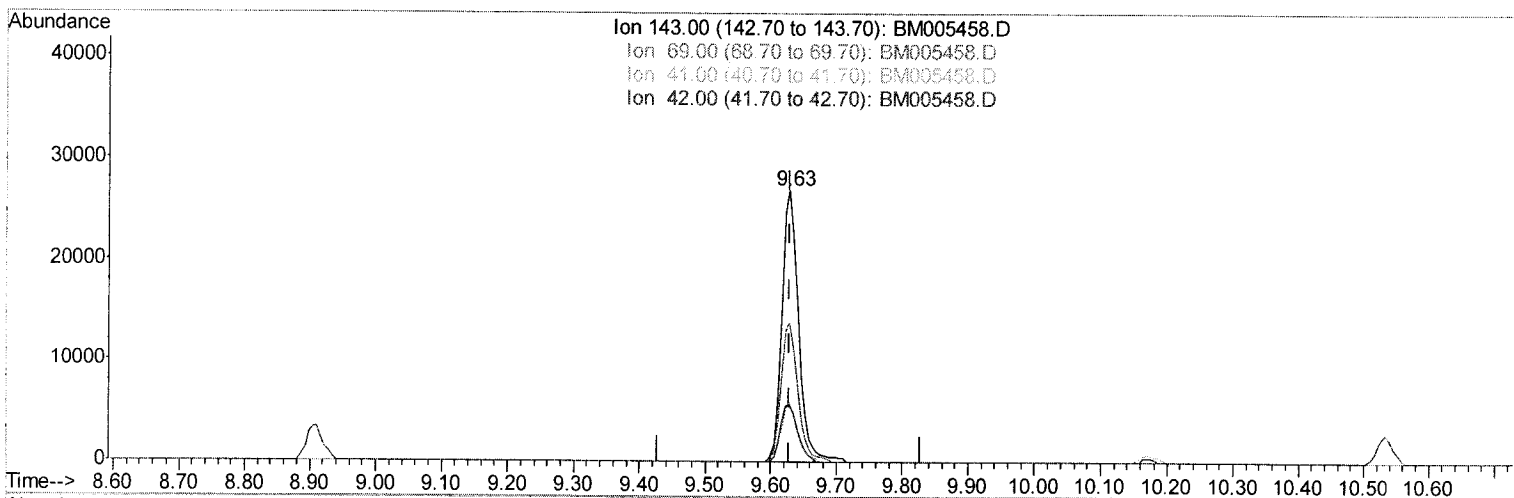
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051316\
 Data File : BM005458.D
 Acq On : 14 May 2016 09:59
 Operator : UM/SJ
 Sample : H2853-18
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9X09

Manual Integrations
 APPROVED

sohil
 5/16/2016 7:02:00 PM

Quant Time: May 16 03:40:41 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM050516.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat May 14 00:15:57 2016
 Response via : Initial Calibration



TIC: BM005458.D

(22) 2-Nitrophenol-d4 (S)

9.628min (+0.000) 26.66ng/ul m

response 47183

Ion	Exp%	Act%
143.00	100	100
69.00	53.10	51.28
41.00	22.70	21.88
42.00	20.90	21.01

> U.M
 05/17/16

Quantitation Report (Qedit)

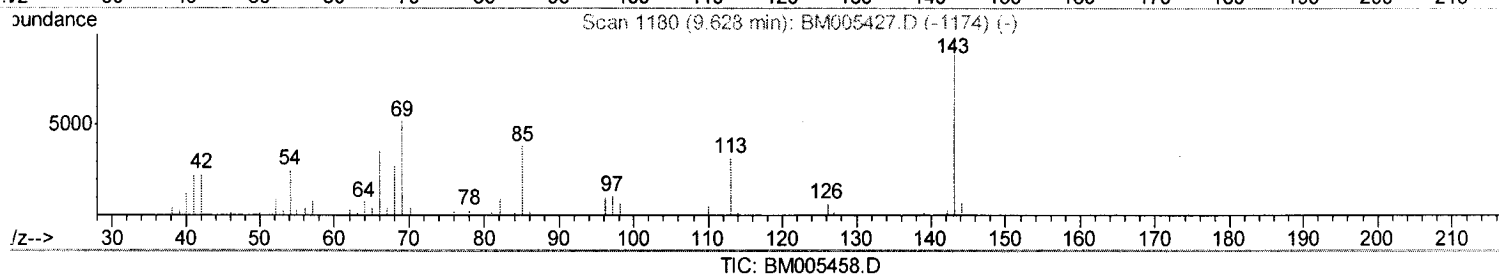
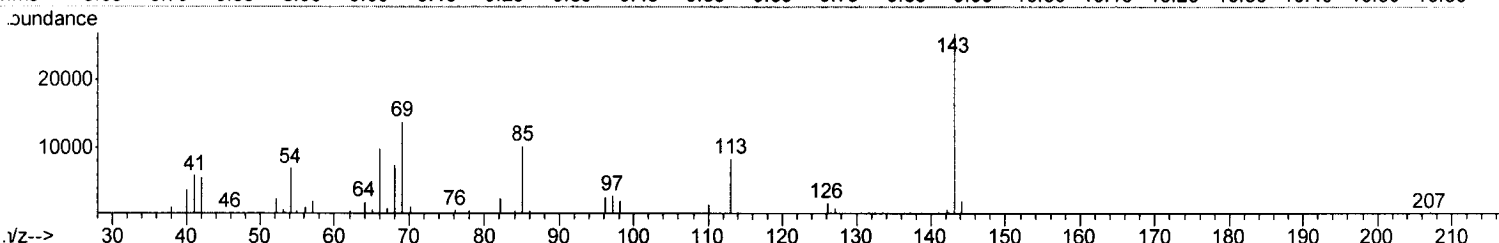
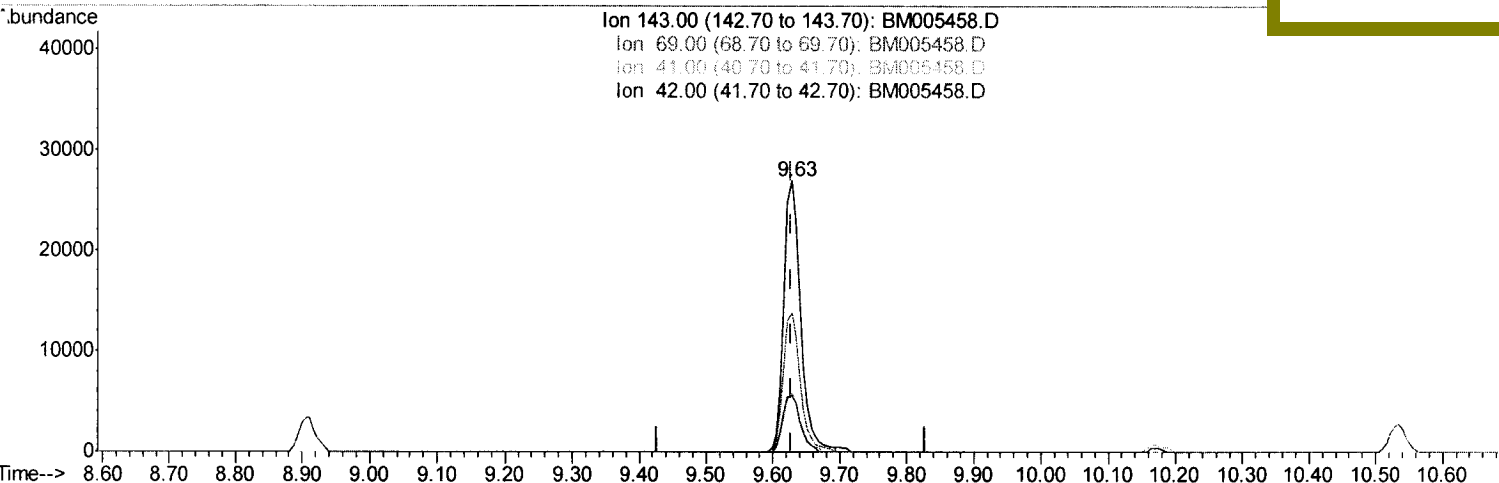
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051316\
 Data File : BM005458.D
 Acq On : 14 May 2016 09:59
 Operator : UM/SJ
 Sample : H2853-18
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9X09

Quant Time: May 16 03:40:41 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM050516.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat May 14 00:15:57 2016
 Response via : Initial Calibration

Manual Integrations
 APPROVED

sohil
 5/16/2016 7:02:00 PM



(22) 2-Nitrophenol-d4 (S)

9.628min (+0.000) 26.44ng/ul

response 46787

Ion	Exp%	Act%
143.00	100	100
69.00	53.10	51.28
41.00	22.70	21.88
42.00	20.90	21.01

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051316\
 Data File : BM005458.D
 Acq On : 14 May 2016 09:59
 Operator : UM/SJ
 Sample : H2853-18
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9X09

Quant Time: May 16 04:09:17 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM050516.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat May 14 00:15:57 2016
 Response via : Initial Calibration

Manual Integrations
 APPROVED

sohil
 5/16/2016 7:02:00 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	47128	20.00	ng/ul	0.00
18) Naphthalene-d8	10.53	136	218934	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.39	164	138247	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.14	188	345607	20.00	ng/ul	0.00
75) Chrysene-d12	21.34	240	477499	20.00	ng/ul	0.00
83) Perylene-d12	23.61	264	465905	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.25	96	1084	1.08	ng/uL	0.00
5) Phenol-d5	6.94	99	20389	4.77	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.08	67	62151	25.49	ng/ul	0.00
9) 2-Chlorophenol-d4	7.29	132	66260	20.52	ng/ul	0.00
13) 4-Methylphenol-d8	8.46	113	41347	11.70	ng/ul	0.00
19) Nitrobenzene-d5	8.91	128	41192	26.35	ng/ul	0.00
22) 2-Nitrophenol-d4	9.63	143	47183m	26.66	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.17	165	81920m	24.90	ng/ul	0.01
29) 4-Chloroaniline-d4	0.00	131	0	0.00	ng/ul	
43) Dimethylphthalate-d6	13.80	166	321116	28.98	ng/ul	0.00
46) Acenaphthylene-d8	14.08	160	371659	28.60	ng/ul	0.00
51) 4-Nitrophenol-d4	14.66	143	5296m	2.62	ng/ul	0.04
57) Fluorene-d10	15.39	176	280865	29.35	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.52	200	42420	21.82	ng/ul	0.00
70) Anthracene-d10	17.24	188	467298	30.59	ng/ul	0.00
76) Pyrene-d10	19.54	212	601547	27.29	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.46	264	631913	30.64	ng/ul	0.00

U.M
 05/17/16

Target Compounds Qvalue

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