

Data Path : Z:\HPCHEM1\BNA_M\Data\BM122316\
 Data File : BM008595.D
 Acq On : 23 Dec 2016 14:56
 Operator : UM/SJ
 Sample : H6039-11DL 5X
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampled :
 DA8S7DL

Quant Time: Dec 23 16:34:39 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 23 15:11:17 2016
 Response via : Initial Calibration

Manual Integrations
 APPROVED

sohil
 12/26/2016 4:03:04 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	456	0.40	ng/ul	-0.09
2) Naphthalene-d8	10.42	136	1528m	0.40	ng/ul	-0.07
6) Acenaphthene-d10	14.28	164	950m	0.40	ng/ul	-0.03
10) Phenanthrene-d10	17.04	188	1651m	0.40	ng/ul	-0.05
16) Chrysene-d12	21.27	240	1528m	0.40	ng/ul	0.00
20) Perylene-d12	23.49	264	1894	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.01	152	207m	0.09	ng/ul	-0.09
14) Fluoranthene-d10	19.10	212	386m	0.08	ng/ul	-0.01
Target Compounds						
3) Naphthalene	10.46	128	7804	1.82	ng/ul	95
5) 2-Methylnaphthalene	12.08	142	1769	0.61	ng/ul	98

S.D.
 12/27/2016

S.D.
 12/27/2016

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

Quantitation Report (Qedit)

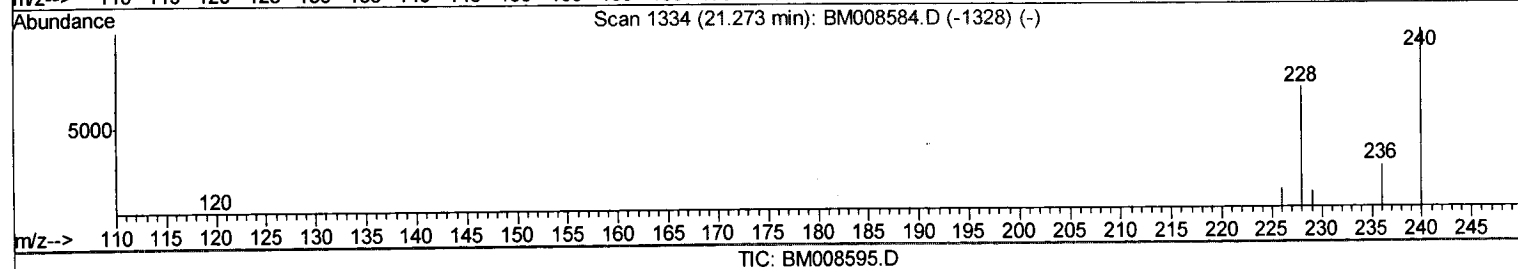
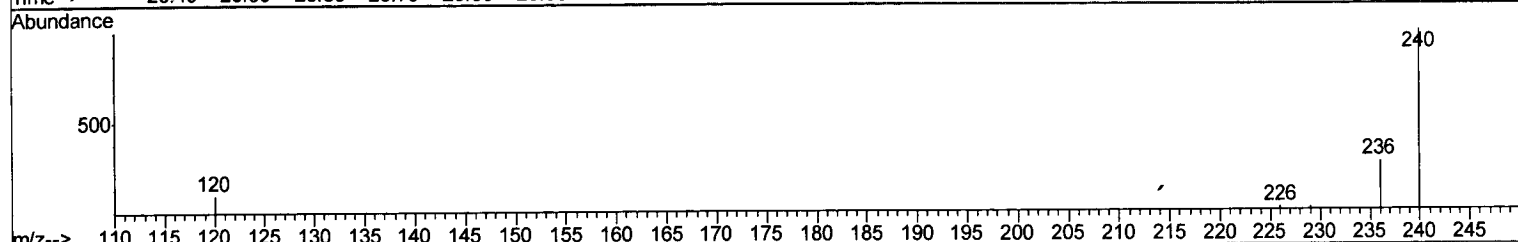
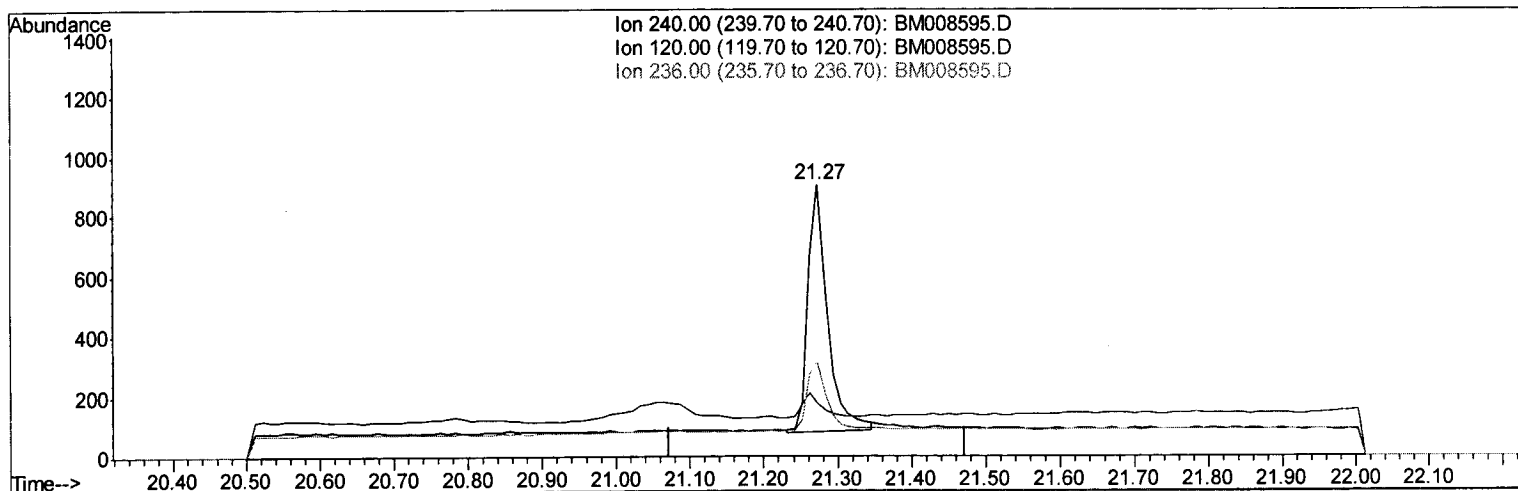
Data Path : Z:\HPCHEM1\BNA_M\Data\BM122316\
 Data File : BM008595.D
 Acq On : 23 Dec 2016 14:56
 Operator : UM/SJ
 Sample : H6039-11DL 5X
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA8S7DL

Manual Integrations
 APPROVED

sohil
 12/26/2016 4:03:04 PM

Quant Time: Dec 23 16:31:59 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 23 15:11:17 2016
 Response via : Initial Calibration



(16) Chrysene-d12 (I)

21.273min (+0.000) 0.40ng/ul m

response 1508

> 50.
 12/27/2016

Ion	Exp%	Act%
240.00	100	100
120.00	20.60	19.38
236.00	34.90	34.69
0.00	0.00	0.00

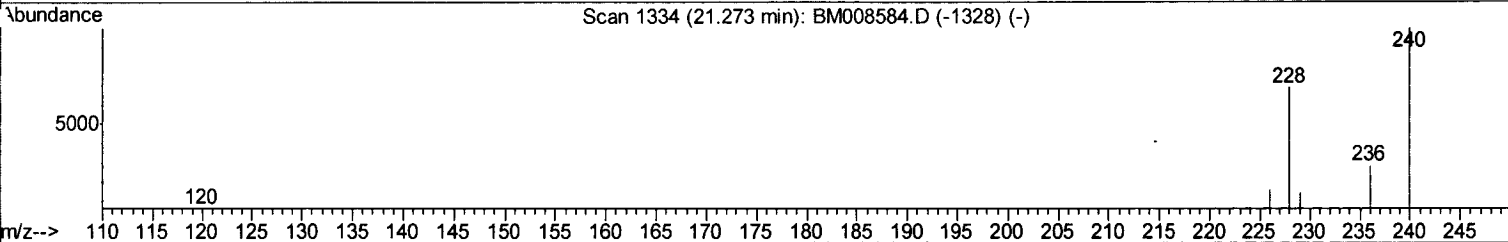
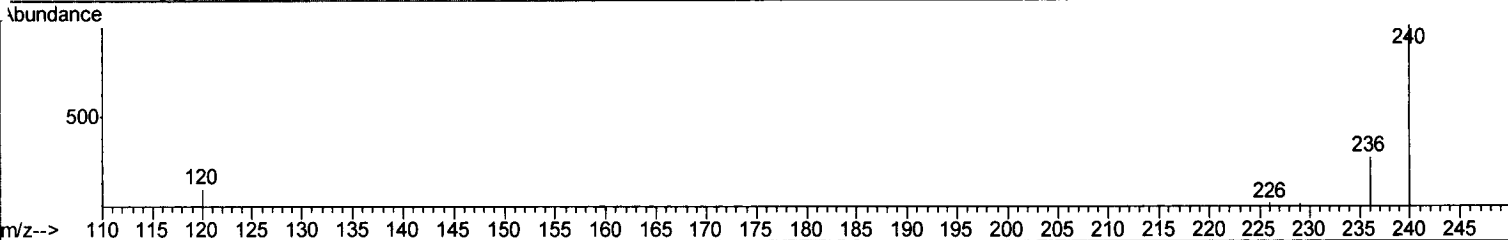
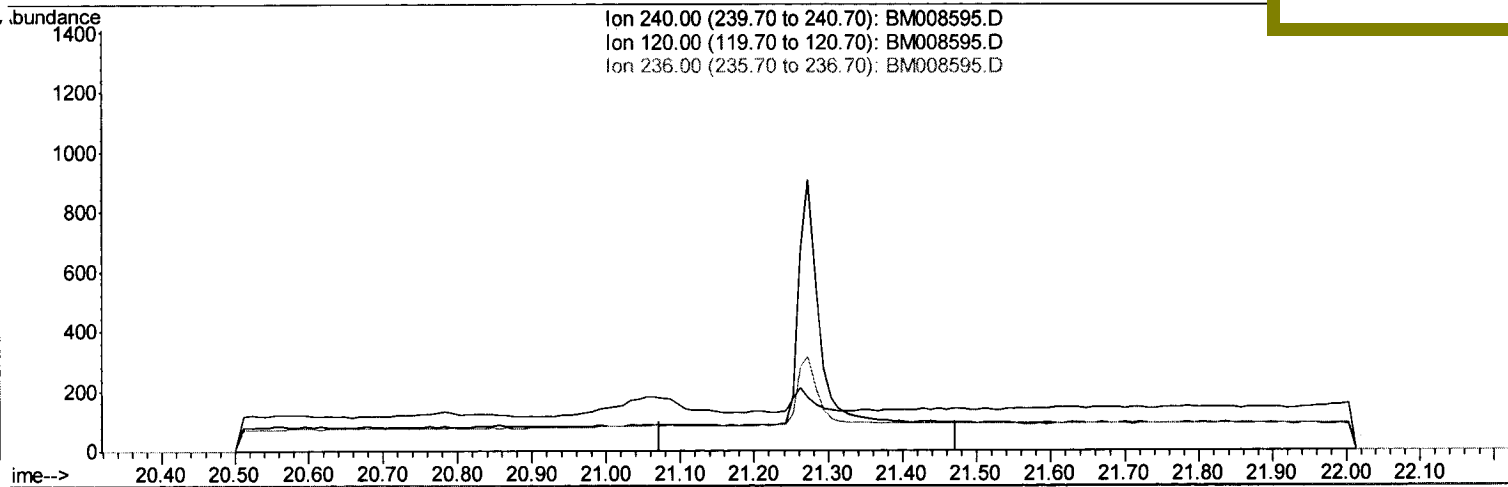
Data Path : Z:\HPCHEM1\BNA_M\Data\BM122316\
 Data File : BM008595.D
 Acq On : 23 Dec 2016 14:56
 Operator : UM/SJ
 Sample : H6039-11DL 5X
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA8S7DL

Quant Time: Dec 23 16:31:59 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 23 15:11:17 2016
 Response via : Initial Calibration

Manual Integrations
 APPROVED

sohil
 12/26/2016 4:03:04 PM



TIC: BM008595.D

(16) Chrysene-d12 (I)

21.273min (-21.273) 0.00ng/ul

response 0

Ion	Exp%	Act%
240.00	100	0.00
120.00	20.60	0.00#
236.00	34.90	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

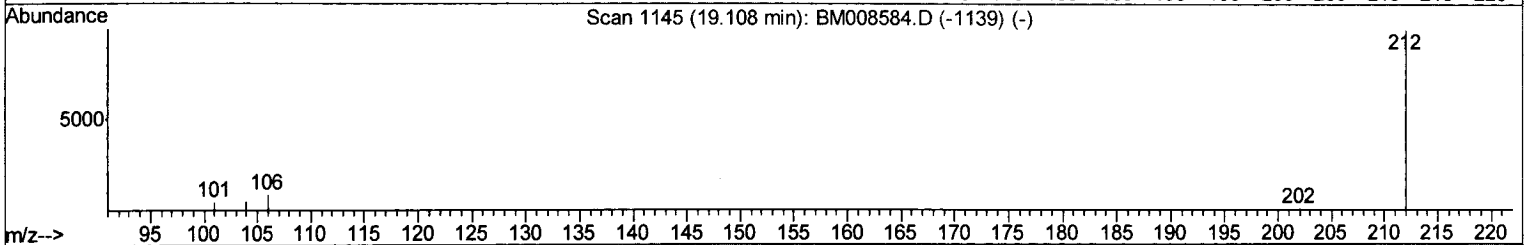
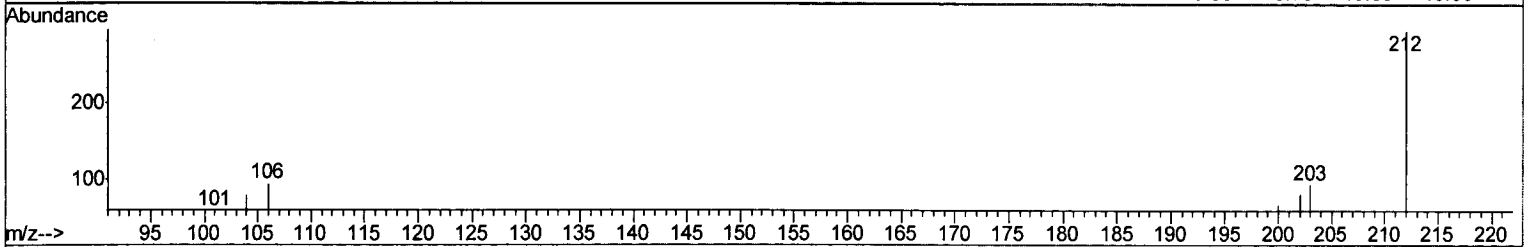
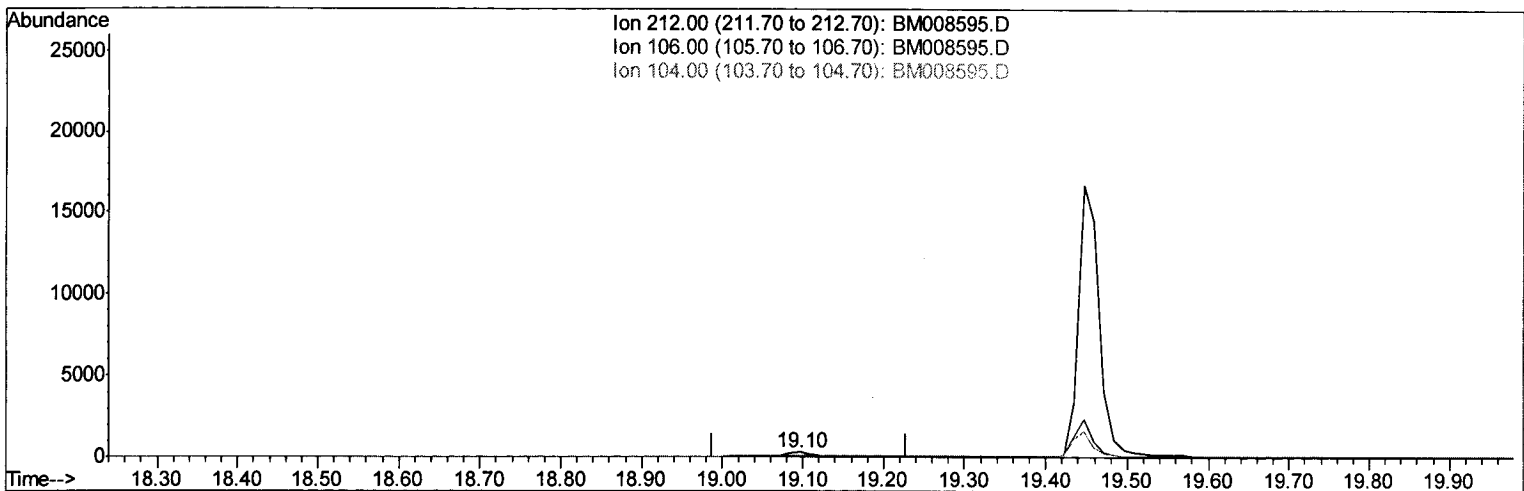
Data Path : Z:\HPCHEM1\BNA_M\Data\BM122316\
 Data File : BM008595.D
 Acq On : 23 Dec 2016 14:56
 Operator : UM/SJ
 Sample : H6039-11DL 5X
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA8S7DL

Manual Integrations
 APPROVED

sohil
 12/26/2016 4:03:04 PM

Quant Time: Dec 23 16:31:59 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 23 15:11:17 2016
 Response via : Initial Calibration



TIC: BM008595.D

(14) Fluoranthene-d10 (SURR)

19.096min (-0.012) 0.08ng/ul m

response 386

Ion	Exp%	Act%
212.00	100	100
106.00	18.30	0.00#
104.00	15.60	0.00#
0.00	0.00	0.00

S.S.
 12/27/2016

Quantitation Report (Qedit)

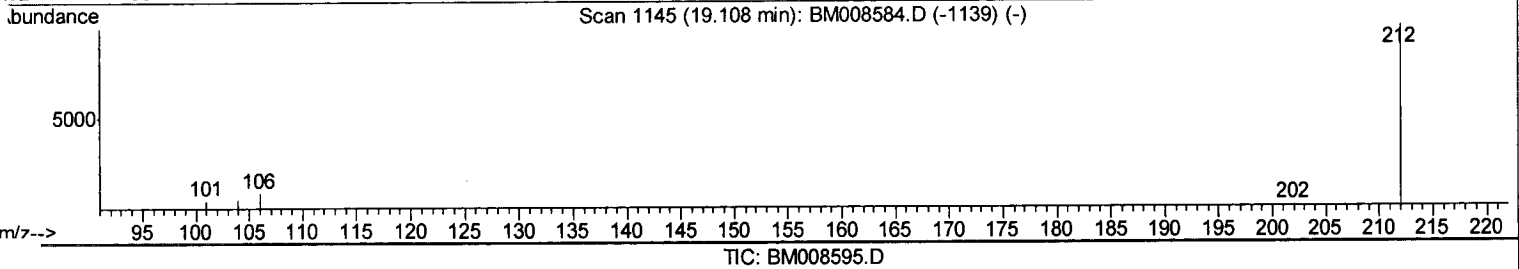
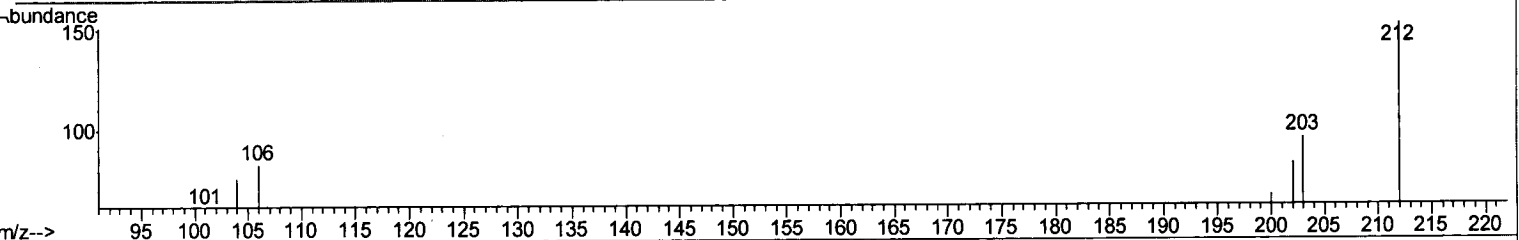
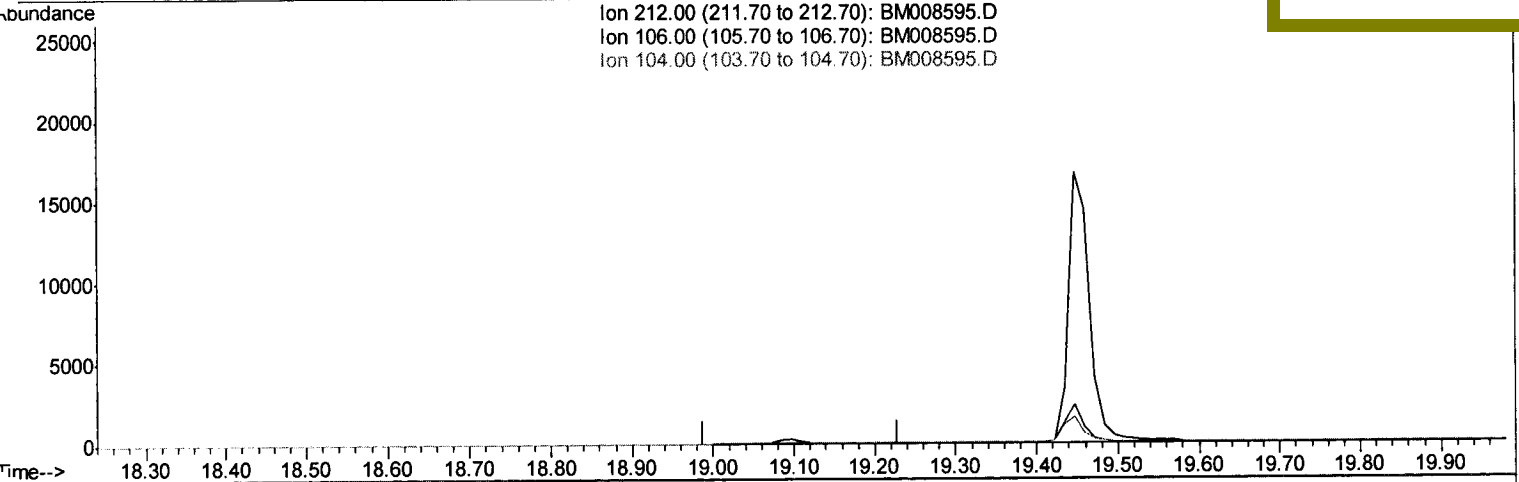
Data Path : Z:\HPCHEM1\BNA_M\Data\BM122316\
 Data File : BM008595.D
 Acq On : 23 Dec 2016 14:56
 Operator : UM/SJ
 Sample : H6039-11DL 5X
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA8S7DL

Manual Integrations
 APPROVED

sohil
 12/26/2016 4:03:04 PM

Quant Time: Dec 23 16:31:59 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 23 15:11:17 2016
 Response via : Initial Calibration



(14) Fluoranthene-d10 (SURR)

19.108min (-19.108) 0.00ng/ul

response 0

Ion	Exp%	Act%
212.00	100	0.00
106.00	18.30	0.00#
104.00	15.60	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

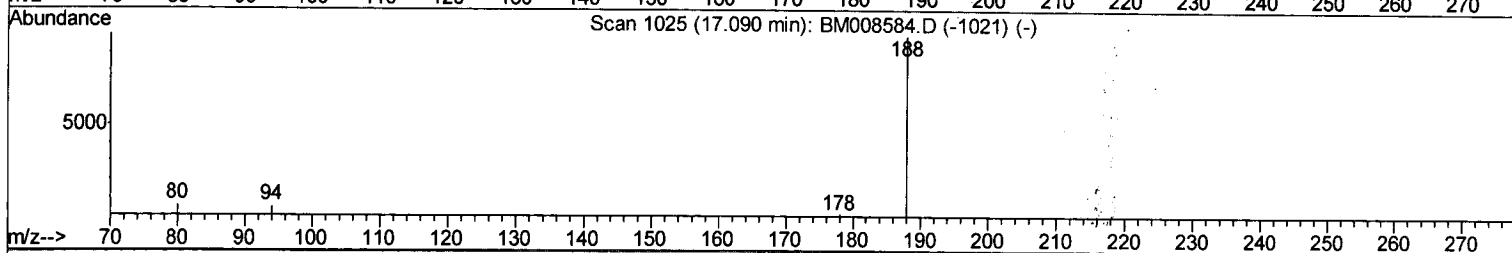
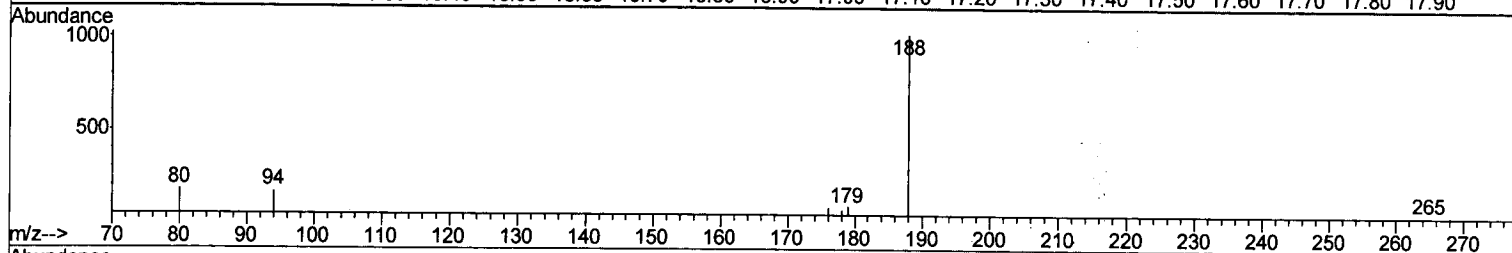
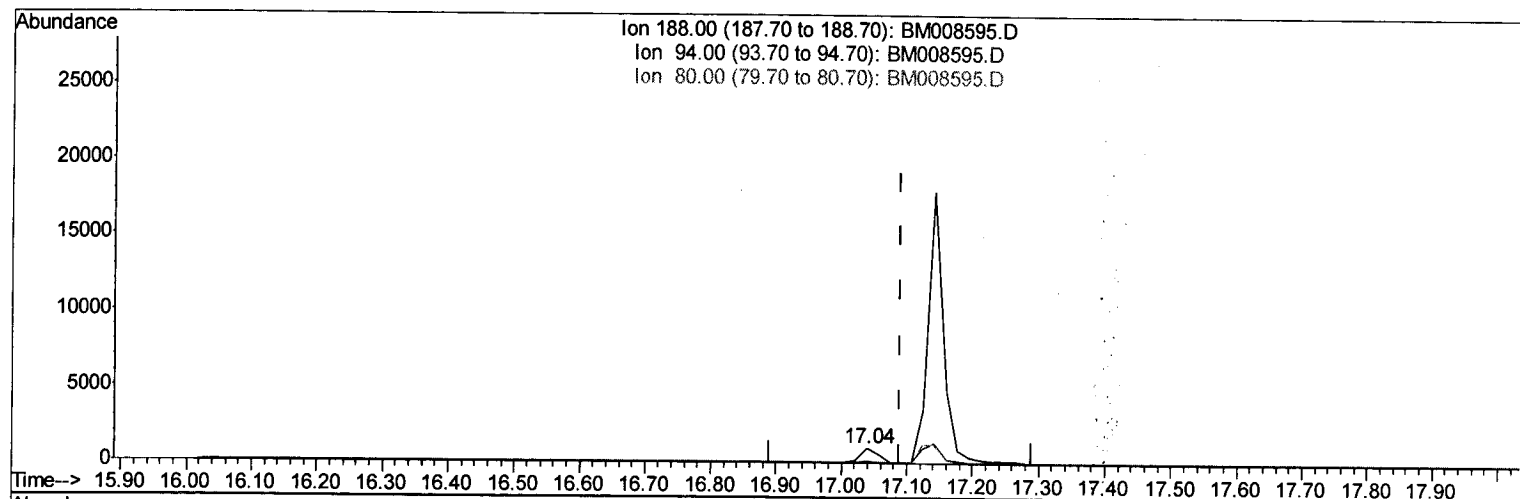
Data Path : Z:\HPCHEM1\BNA_M\Data\BM122316\
 Data File : BM008595.D
 Acq On : 23 Dec 2016 14:56
 Operator : UM/SJ
 Sample : H6039-11DL 5X
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA8S7DL

Manual Integrations
 APPROVED

sohil
 12/26/2016 4:03:04 PM

Quant Time: Dec 23 16:31:08 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 23 15:11:17 2016
 Response via : Initial Calibration



TIC: BM008595.D

(10) Phenanthrene-d10 (I)

17.039min (-0.051) 0.40ng/ul m

response 1651

Ion	Exp%	Act%
188.00	100	100
94.00	11.00	16.83#
80.00	11.80	17.71#
0.00	0.00	0.00

SJ.
 12/27/2016

Quantitation Report (Qedit)

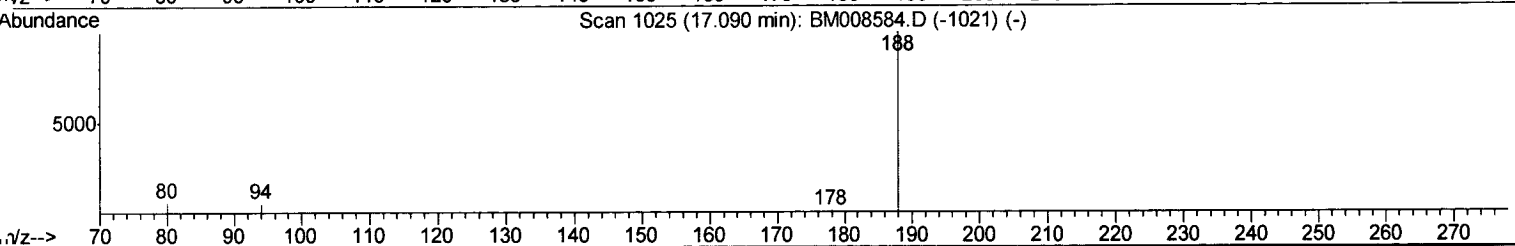
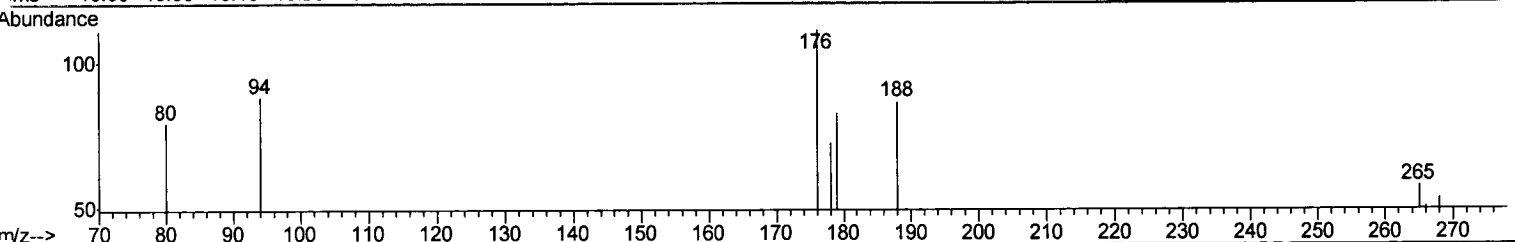
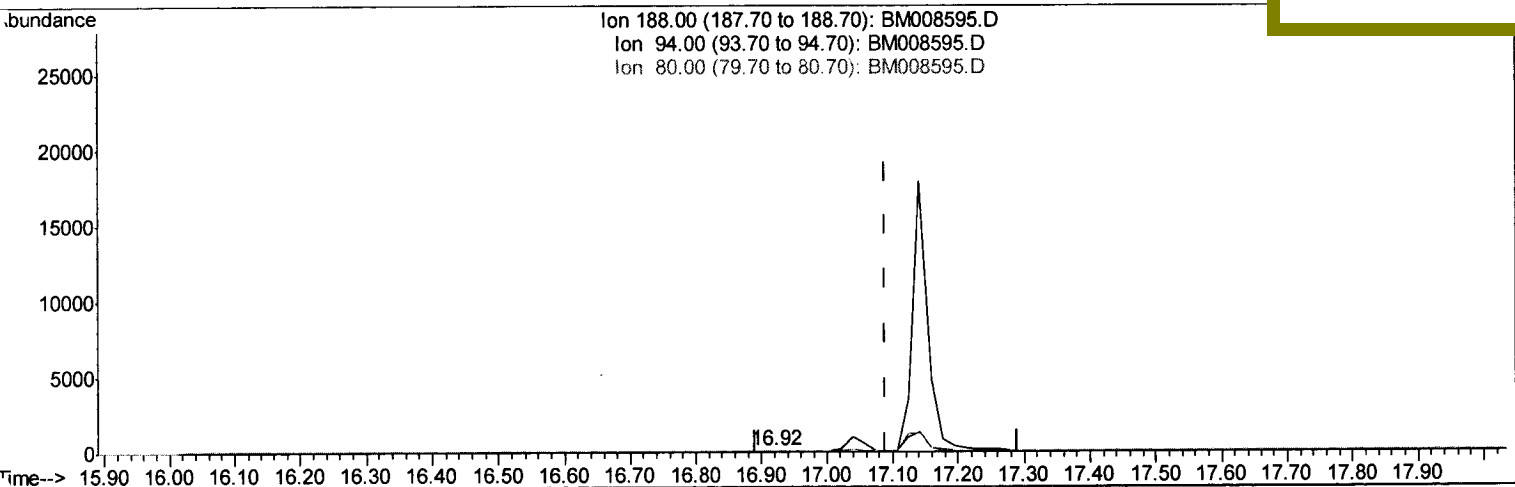
Data Path : Z:\HPCHEM1\BNA_M\Data\BM122316\
 Data File : BM008595.D
 Acq On : 23 Dec 2016 14:56
 Operator : UM/SJ
 Sample : H6039-11DL 5X
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA8S7DL

Manual Integrations
 APPROVED

sohil
 12/26/2016 4:03:04 PM

Quant Time: Dec 23 16:31:08 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 23 15:11:17 2016
 Response via : Initial Calibration



TIC: BM008595.D

(10) Phenanthrene-d10 (I)

16.919min (-0.171) 0.40ng/ul

response 41

Ion	Exp%	Act%
188.00	100	100
94.00	11.00	102.33#
80.00	11.80	91.86#
0.00	0.00	0.00

Quantitation Report (Qedit)

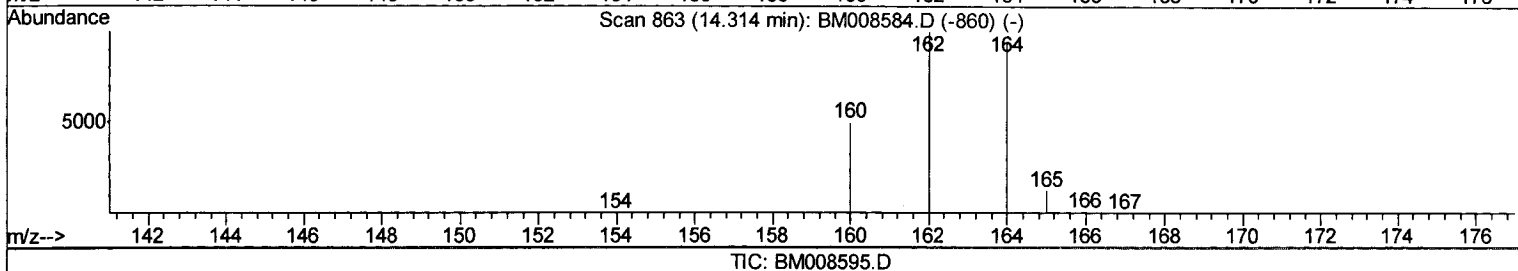
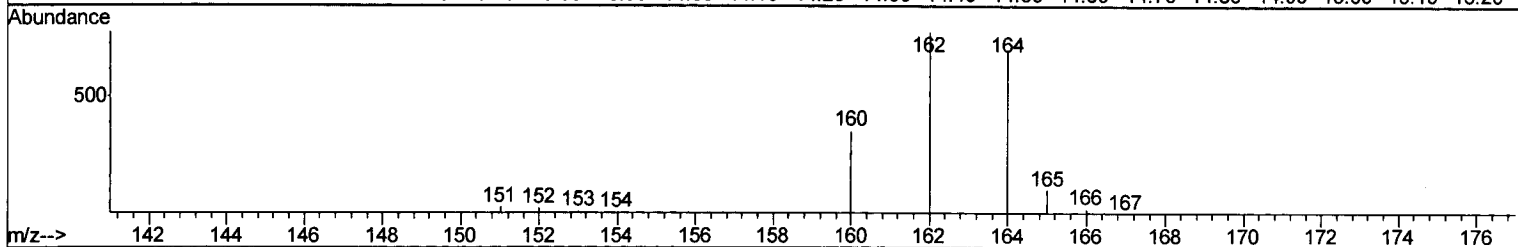
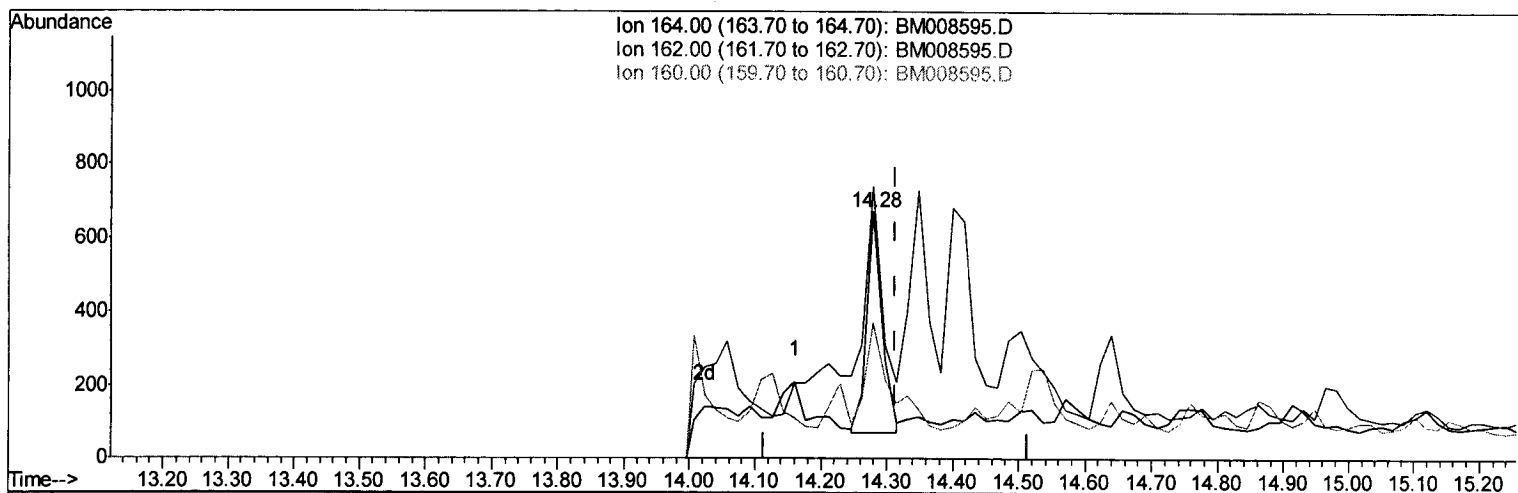
Data Path : Z:\HPCHEM1\BNA_M\Data\BM122316\
 Data File : BM008595.D
 Acq On : 23 Dec 2016 14:56
 Operator : UM/SJ
 Sample : H6039-11DL 5X
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA8S7DL

Manual Integrations
 APPROVED

sohil
 12/26/2016 4:03:04 PM

Quant Time: Dec 23 16:30:12 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 23 15:11:17 2016
 Response via : Initial Calibration



(6) Acenaphthene-d10 (I)

14.280min (-0.034) 0.40ng/ul m

response 950

Ion	Exp%	Act%
164.00	100	100
162.00	98.60	110.12
160.00	48.80	55.06
0.00	0.00	0.00

S.J.
 12/27/2016

TIC: BM008595.D

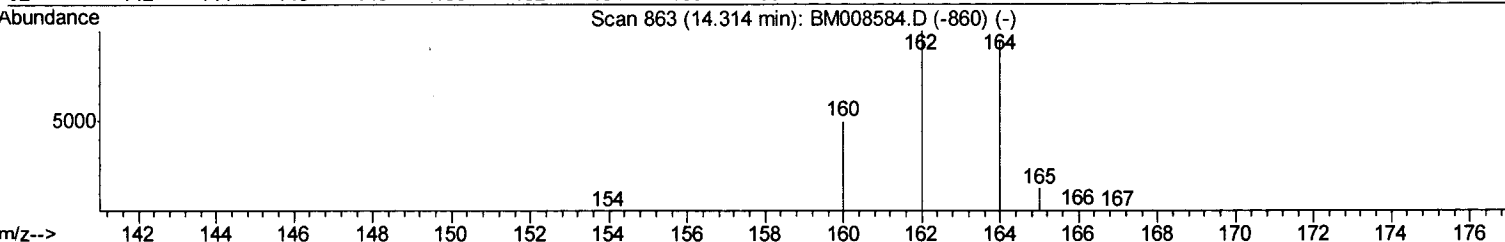
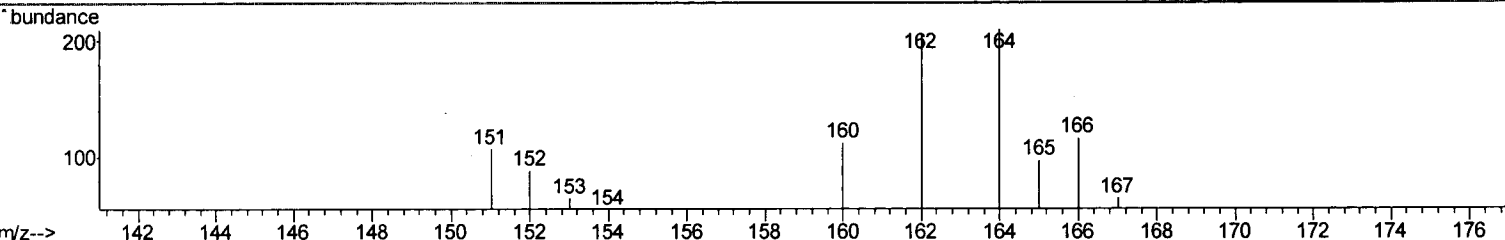
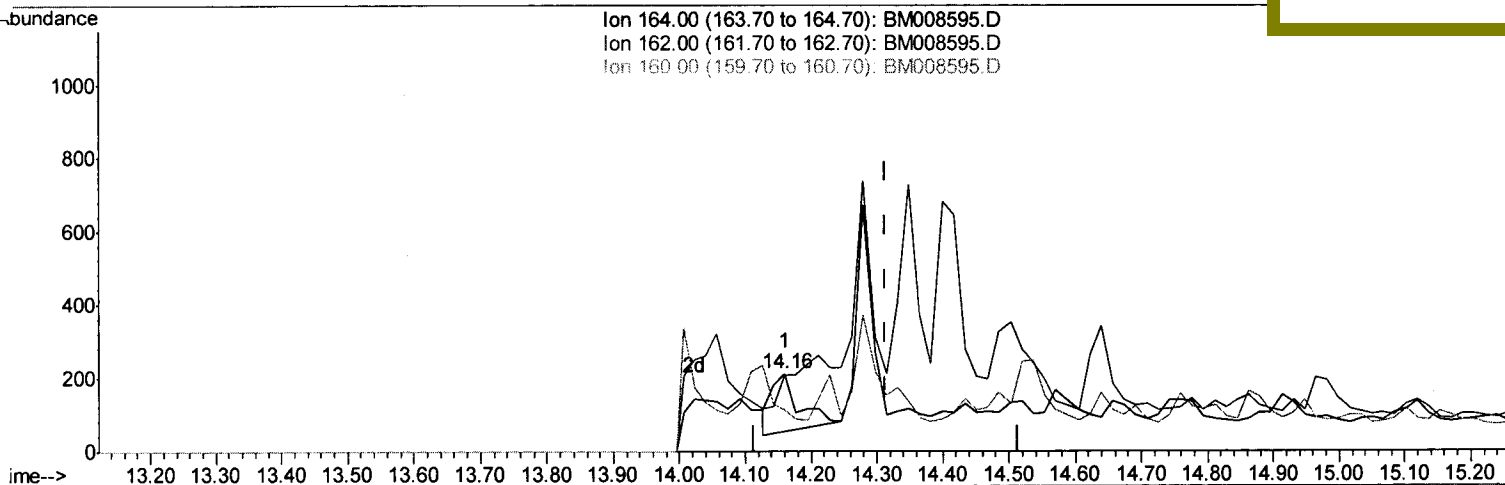
Data Path : Z:\HPCHEM1\BNA_M\Data\BM122316\
 Data File : BM008595.D
 Acq On : 23 Dec 2016 14:56
 Operator : UM/SJ
 Sample : H6039-11DL 5X
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA8S7DL

Quant Time: Dec 23 16:30:12 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 23 15:11:17 2016
 Response via : Initial Calibration

Manual Integrations
 APPROVED

sohil
 12/26/2016 4:03:04 PM



TIC: BM008595.D

(6) Acenaphthene-d10 (I)

14.160min (-0.154) 0.40ng/ul

response 459

Ion	Exp%	Act%
164.00	100	100
162.00	98.60	97.61
160.00	48.80	53.59
0.00	0.00	0.00

Quantitation Report (Qedit)

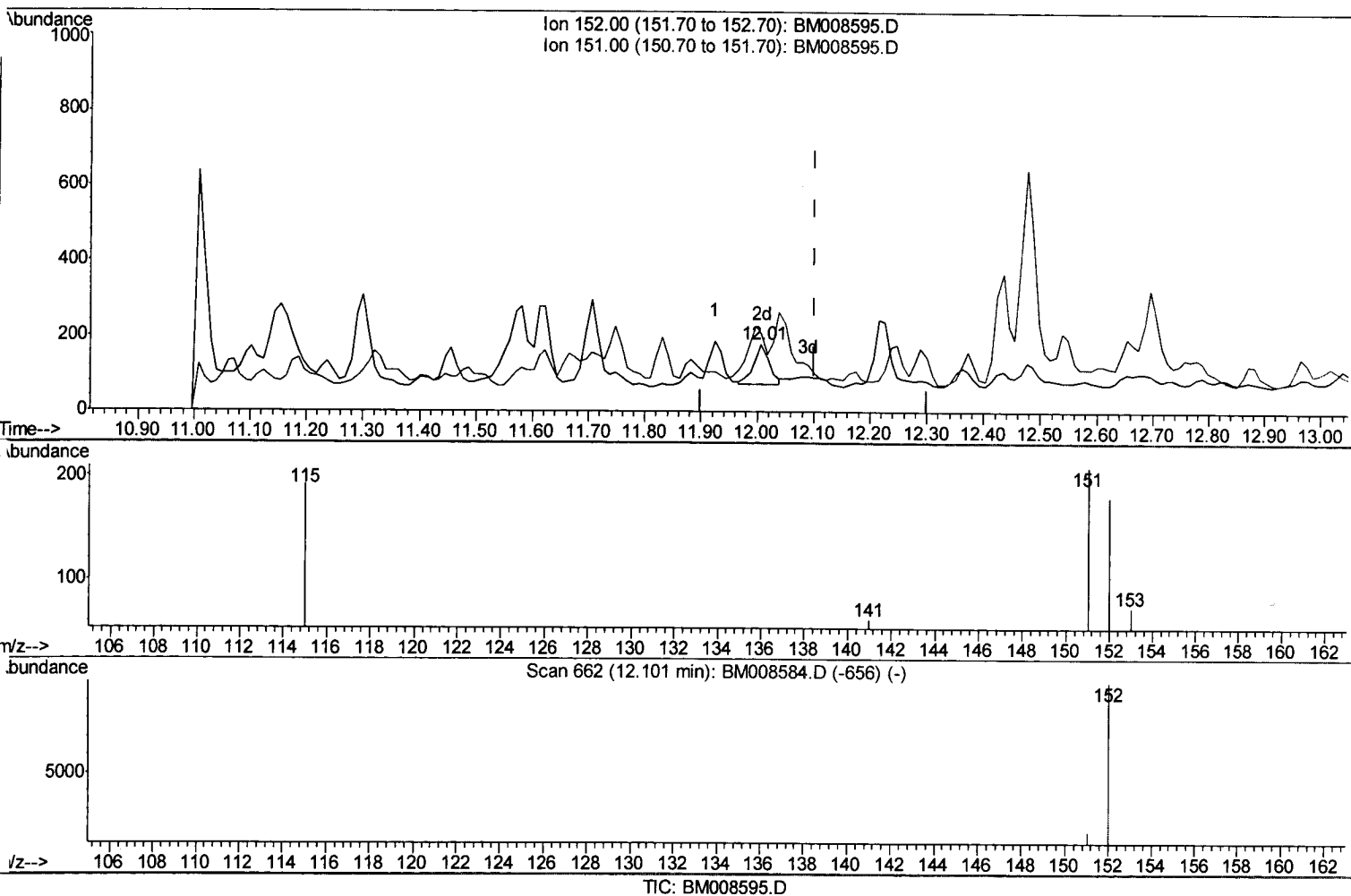
Data Path : Z:\HPCHEM1\BNA_M\Data\BM122316\
 Data File : BM008595.D
 Acq On : 23 Dec 2016 14:56
 Operator : UM/SJ
 Sample : H6039-11DL 5X
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA8S7DL

Manual Integrations
 APPROVED

sohil
 12/26/2016 4:03:04 PM

Quant Time: Dec 23 16:30:12 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 23 15:11:17 2016
 Response via : Initial Calibration



(4) 2-Methylnaphthalene-d10 (SURR)

12.007min (-0.093) 0.09ng/ul m

response 207

Ion	Exp%	Act%
152.00	100	100
151.00	19.30	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

55.
 12/27/2016

Quantitation Report (Qedit)

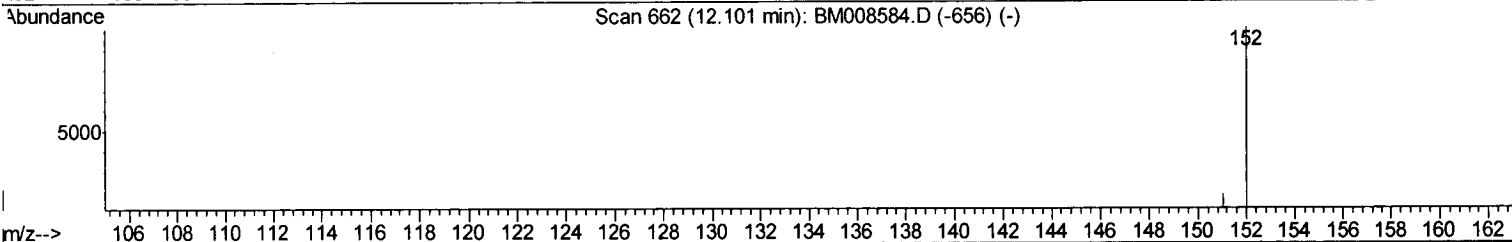
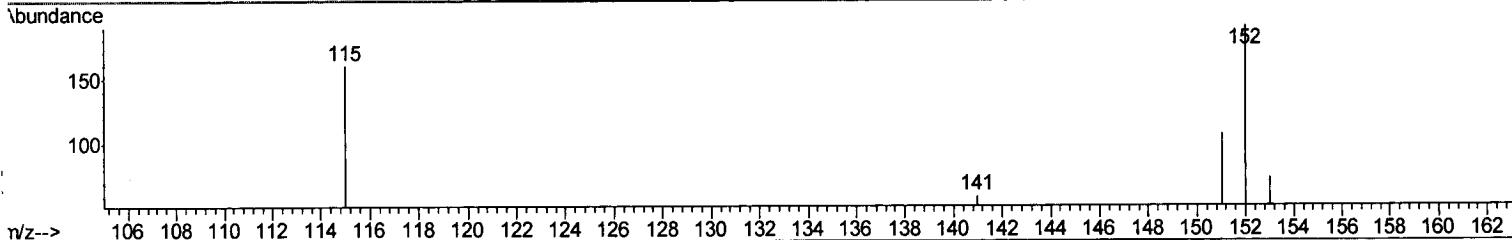
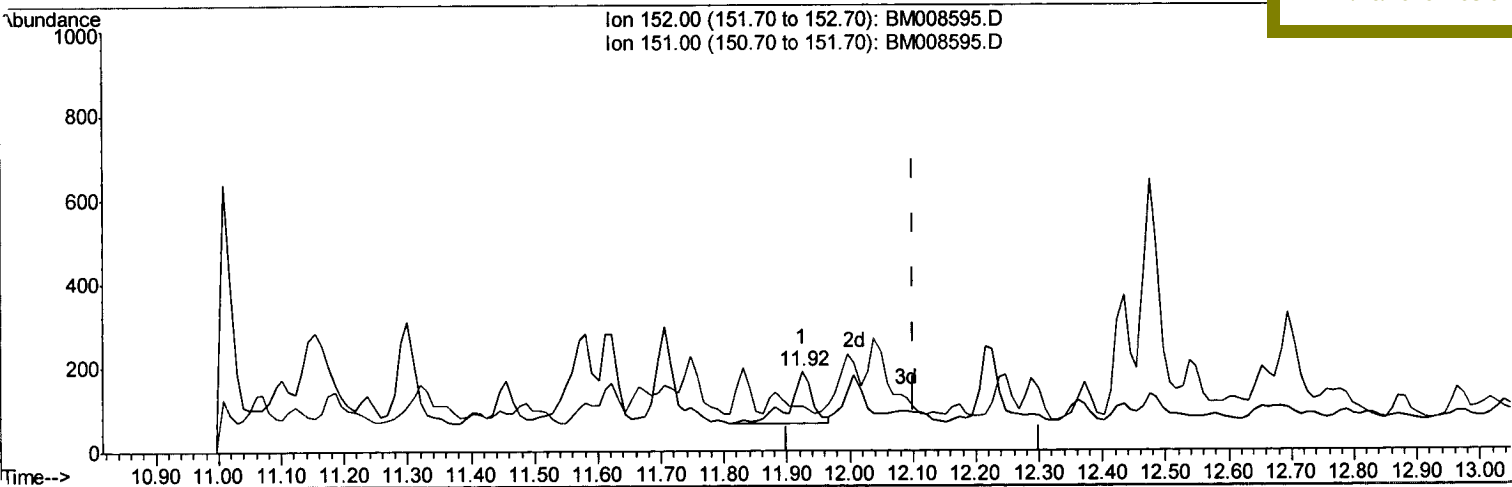
Data Path : Z:\HPCHEM1\BNA_M\Data\BM122316\
 Data File : BM008595.D
 Acq On : 23 Dec 2016 14:56
 Operator : UM/SJ
 Sample : H6039-11DL 5X
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA8S7DL

Quant Time: Dec 23 16:30:12 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 23 15:11:17 2016
 Response via : Initial Calibration

Manual Integrations
 APPROVED

sohil
 12/26/2016 4:03:04 PM



TIC: BM008595.D

(4) 2-Methylnaphthalene-d10 (SURR)

11.924min (-0.177) 0.13ng/ul

response 303

Ion	Exp%	Act%
152.00	100	100
151.00	19.30	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

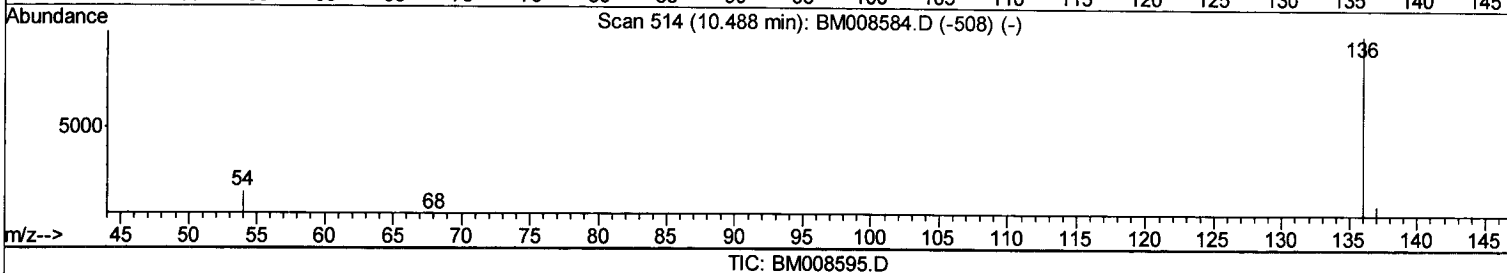
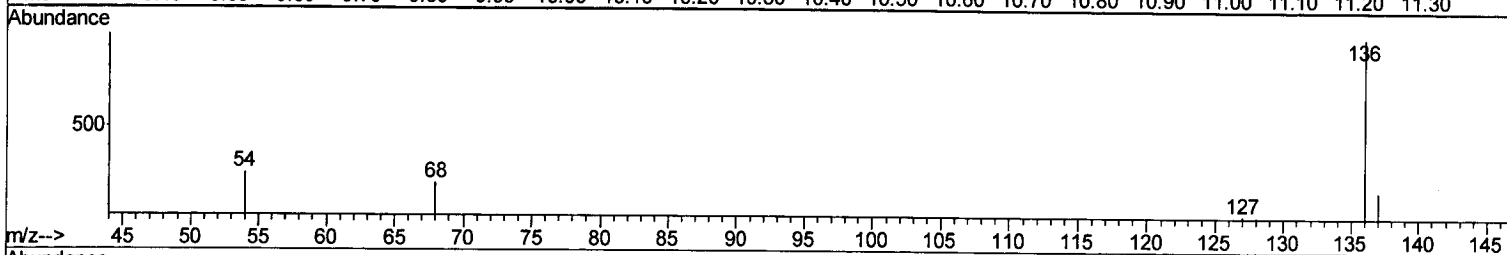
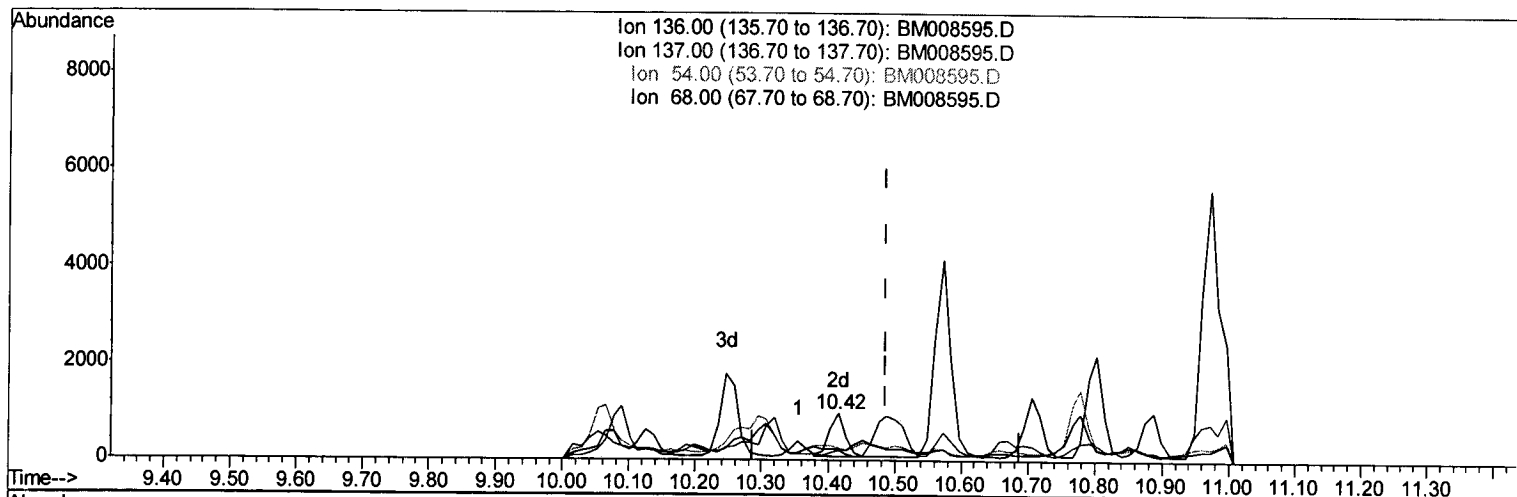
Data Path : Z:\HPCHEM1\BNA_M\Data\BM122316\
 Data File : BM008595.D
 Acq On : 23 Dec 2016 14:56
 Operator : UM/SJ
 Sample : H6039-11DL 5X
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA8S7DL

Manual Integrations
 APPROVED

sohil
 12/26/2016 4:03:04 PM

Quant Time: Dec 23 16:29:06 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 23 15:11:17 2016
 Response via : Initial Calibration



(2) Naphthalene-d8 (I)

10.415min (-0.072) 0.40ng/ul m

response 1528

Ion	Exp%	Act%
136.00	100	100
137.00	13.90	20.04#
54.00	15.50	27.93#
68.00	9.90	23.05#

2.5
 12/27/2016

Quantitation Report (Qedit)

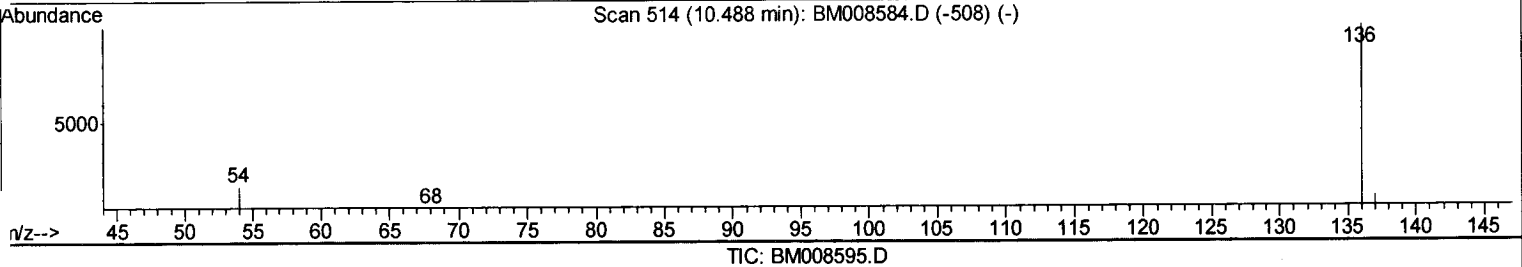
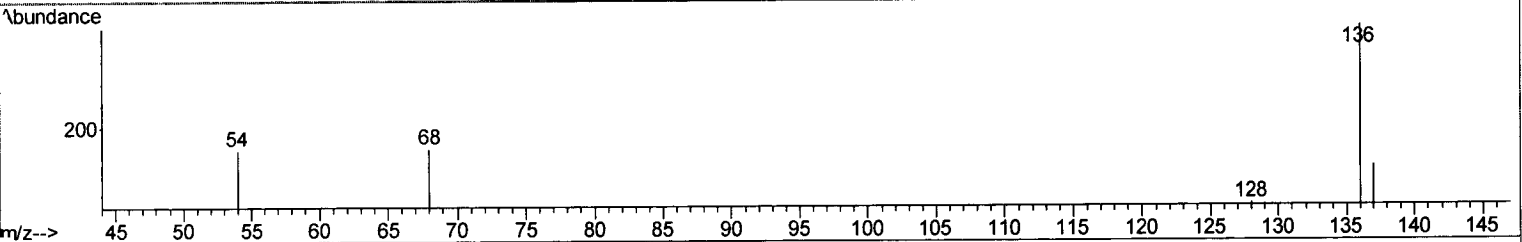
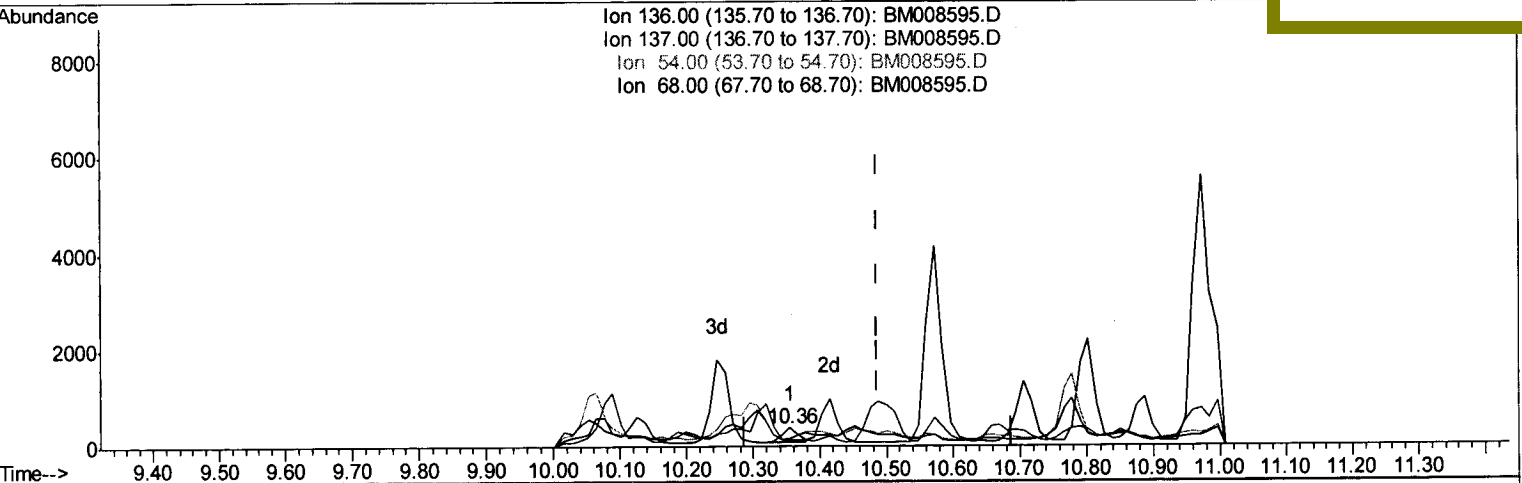
Data Path : Z:\HPCHEM1\BNA_M\Data\BM122316\
 Data File : BM008595.D
 Acq On : 23 Dec 2016 14:56
 Operator : UM/SJ
 Sample : H6039-11DL 5X
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA8S7DL

Manual Integrations
 APPROVED

sohil
 12/26/2016 4:03:04 PM

Quant Time: Dec 23 16:29:06 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 23 15:11:17 2016
 Response via : Initial Calibration



(2) Naphthalene-d8 (I)

10.355min (-0.133) 0.40ng/ul

response 516

Ion	Exp%	Act%
136.00	100	100
137.00	13.90	33.51#
54.00	15.50	41.95#
68.00	9.90	42.48#

Data Path : Z:\HPCHEM1\BNA_M\Data\BM122316\
Data File : BM008595.D
Acq On : 23 Dec 2016 14:56
Operator : UM/SJ
Sample : H6039-11DL 5X
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :

BNA_M

ClientSampleId :

DA8S7DL

Quant Time: Dec 23 16:34:39 2016

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Fri Dec 23 15:11:17 2016

Response via : Initial Calibration

Manual Integrations
APPROVEDsohil
12/26/2016 4:03:04 PM