

Quantitation Report (Qedit)

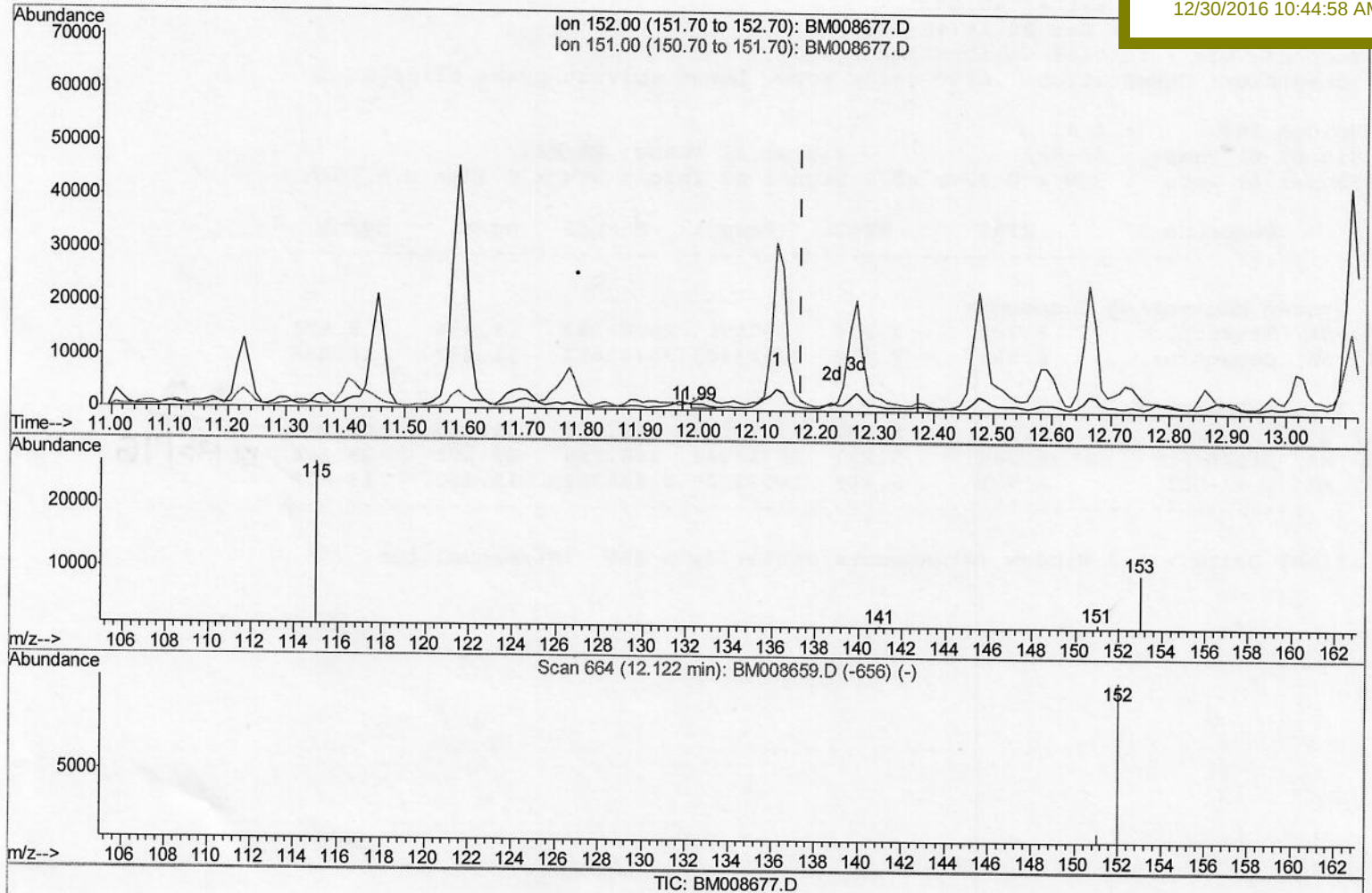
Data Path : Z:\HPCHEM1\BNA_M\Data\BM122716\
 Data File : BM008677.D
 Acq On : 27 Dec 2016 17:18
 Operator : UM/SJ
 Sample : H5995-09
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Quant Time: Dec 28 04:18:52 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 28 03:24:04 2016
 Response via : Initial Calibration

Instrument :
 BNA_M
 ClientSampleId :
 DA874

Manual Integrations
 APPROVED

sohil
 12/30/2016 10:44:58 AM



(4) 2-Methylnaphthalene-d10 (SURR)

11.986min (-0.187) 0.20ng/ul m

response 1408

Ion	Exp%	Act%
152.00	100	100
151.00	19.30	3660.51#
0.00	0.00	0.00
0.00	0.00	0.00

SJ
 12/30/16

Data Path : Z:\HPCHEM1\BNA_M\Data\BM122716\
 Data File : BM008677.D
 Acq On : 27 Dec 2016 17:18
 Operator : UM/SJ
 Sample : H5995-09
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA874

Quant Time: Dec 30 10:38:53 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 28 03:24:04 2016
 Response via : Initial Calibration

Manual Integrations
 APPROVED

sohil
 12/30/2016 10:44:58 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	488m	0.40	ng/ul	-0.20
2) Naphthalene-d8	10.40	136	4630m	0.40	ng/ul	-0.17
6) Acenaphthene-d10	14.18	164	11700m	0.40	ng/ul	-0.17
10) Phenanthrene-d10	17.02	188	45626m	0.40	ng/ul	-0.10
16) Chrysene-d12	21.12	240	4612m	0.40	ng/ul	-0.18
20) Perylene-d12	23.55	264	1932	0.40	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	11.99	152	1408m	0.20	ng/ul	-0.19
14) Fluoranthene-d10	19.11	212	32407m	0.26	ng/ul	-0.04

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	10.45	128	193556m	14.86	ng/ul	56
5) 2-Methylnaphthalene	12.09	142	842550m	96.10	ng/ul	98
8) Acenaphthene	14.37	153	83208	2.09	ng/ul#	69
12) Phenanthrene	17.11	178	1185577	8.51	ng/ul	98
13) Anthracene	17.19	178	51262	0.38	ng/ul#	98
15) Fluoranthene	19.14	202	771307	4.52	ng/ul	97
17) Pyrene	19.52	202	718210	40.29	ng/ul	89
18) Benzo(a)anthracene	21.26	228	169220m	11.17	ng/ul	93
19) Chrysene	21.31	228	178714	10.78	ng/ul#	94
21) Benzo(b)fluoranthene	22.86	252	155244m	20.40	ng/ul	88
22) Benzo(k)fluoranthene	22.89	252	37123m	5.00	ng/ul	
23) Benzo(a)pyrene	23.44	252	67203	9.53	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.82	276	37257	4.43	ng/ul	
26) Benzo(g,h,i)perylene	26.52	276	30951	4.29	ng/ul#	

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

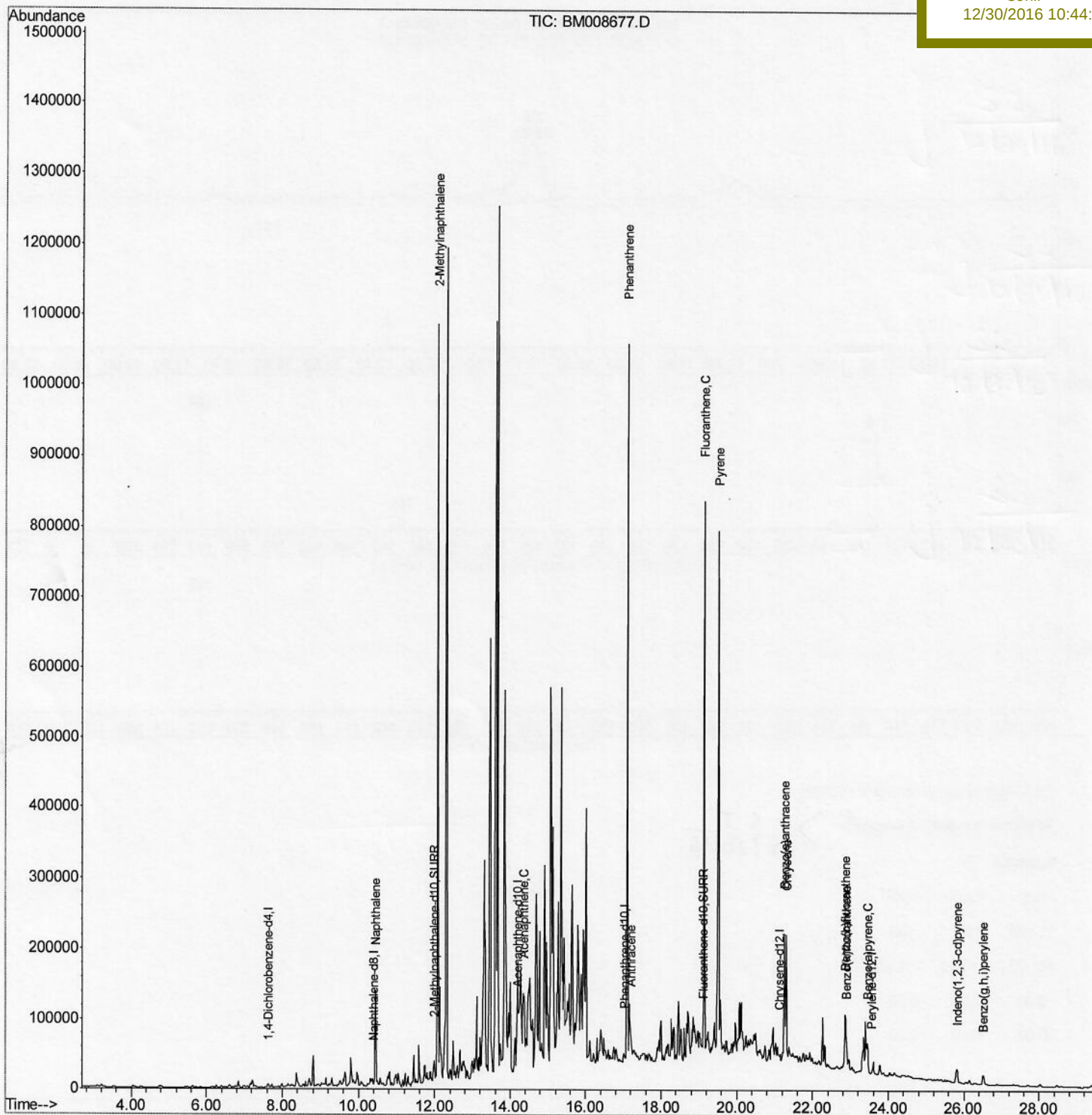
Data Path : Z:\HPCHEM1\BNA_M\Data\BM122716\
Data File : BM008677.D
Acq On : 27 Dec 2016 17:18
Operator : UM/SJ
Sample : H5995-09
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Dec 30 10:38:53 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 28 03:24:04 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
DA874

Manual Integrations
APPROVED

sohil
12/30/2016 10:44:58 AM



Quantitation Report (Qedit)

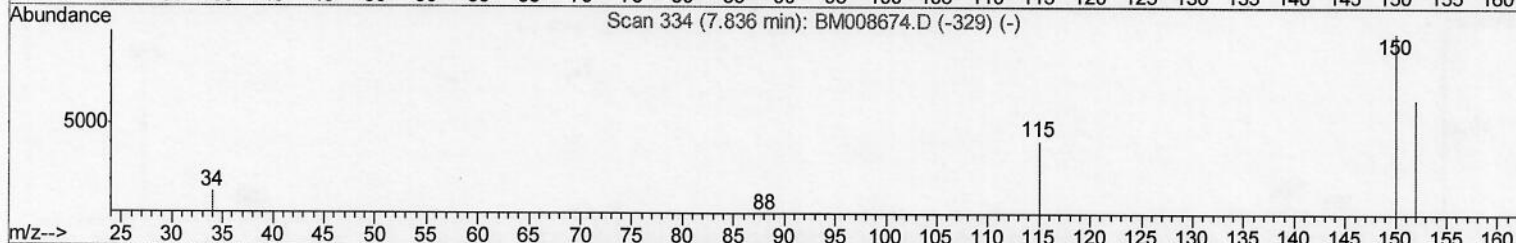
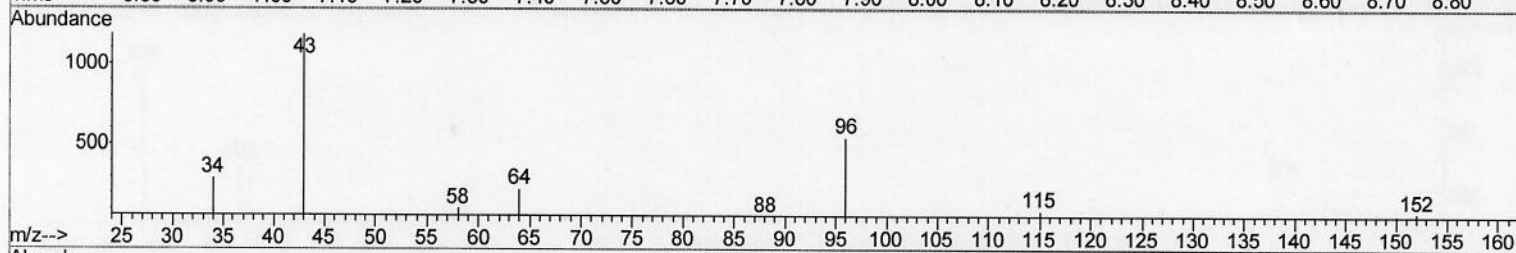
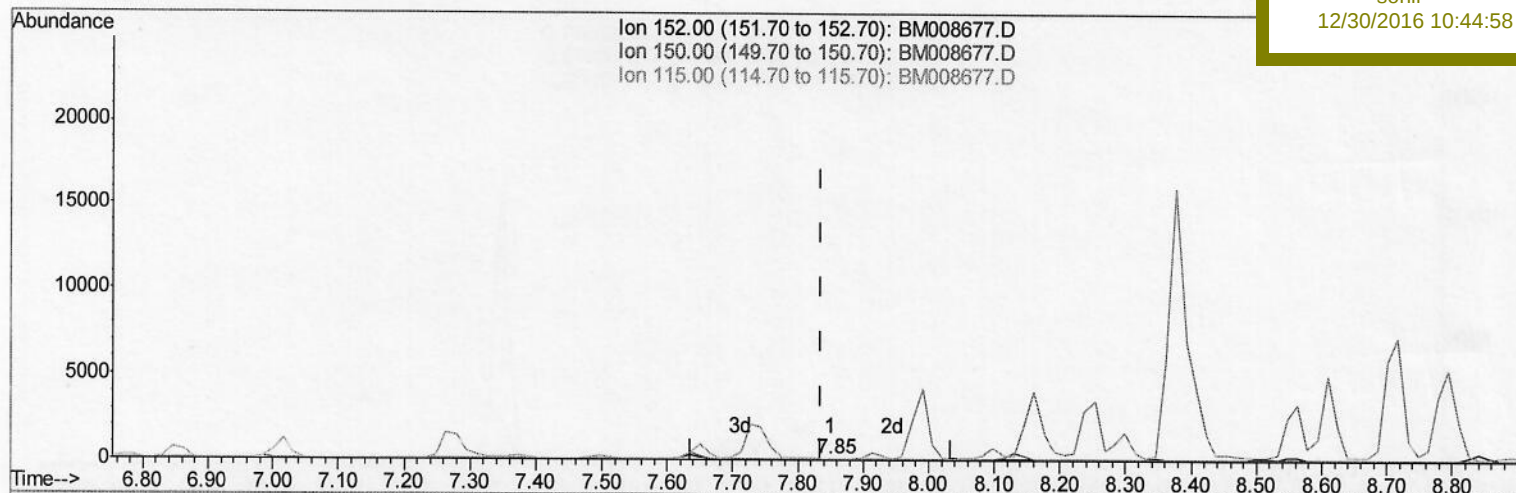
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122716\
 Data File : BM008677.D
 Acq On : 27 Dec 2016 17:18
 Operator : UM/SJ
 Sample : H5995-09
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Quant Time: Dec 28 03:27:27 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 28 03:24:04 2016
 Response via : Initial Calibration

Instrument :
 BNA_M
 ClientSampleId :
 DA874

Manual Integrations
 APPROVED

sohil
 12/30/2016 10:44:58 AM



TIC: BM008677.D

(1) 1,4-Dichlorobenzene-d4 (I)

7.851min (+0.015) 0.40ng/ul

response 88

Ion	Exp%	Act%
152.00	100	100
150.00	143.40	79.01#
115.00	64.90	111.11#
0.00	0.00	0.00

Quantitation Report (Qedit)

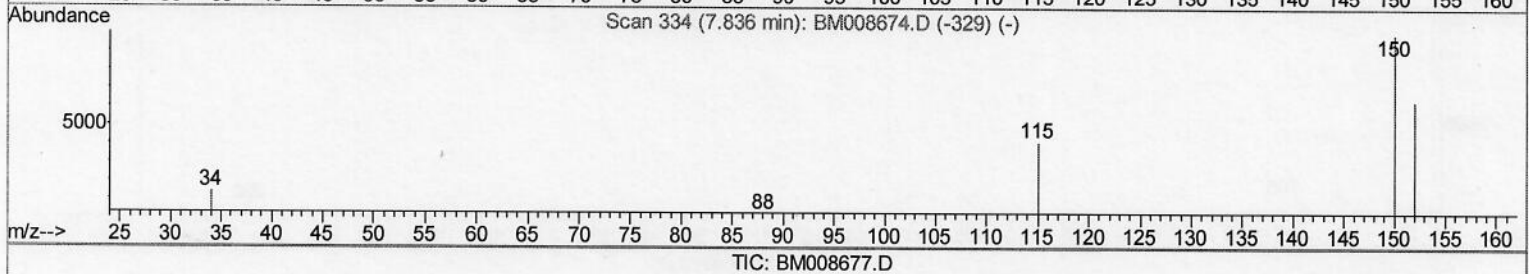
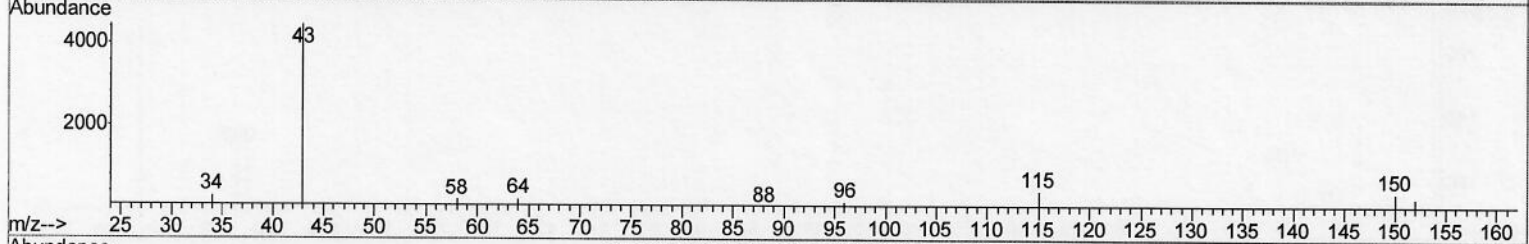
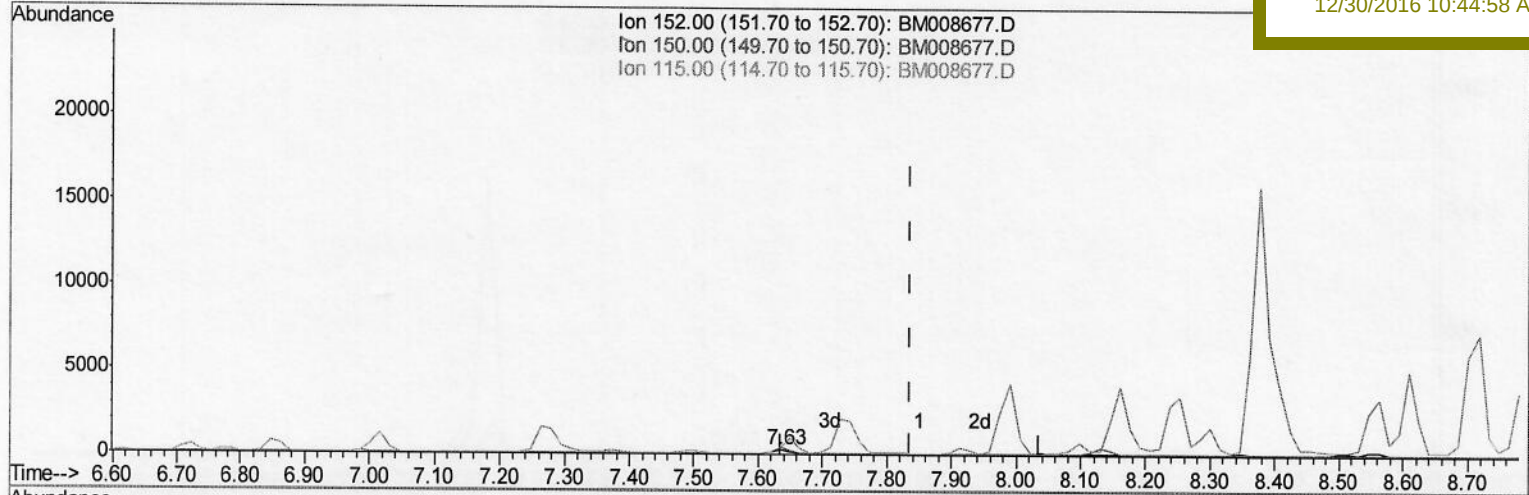
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122716\
 Data File : BM008677.D
 Acq On : 27 Dec 2016 17:18
 Operator : UM/SJ
 Sample : H5995-09
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Quant Time: Dec 28 03:27:27 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 28 03:24:04 2016
 Response via : Initial Calibration

Instrument :
 BNA_M
ClientSampleId :
 DA874

Manual Integrations
APPROVED

sohil
 12/30/2016 10:44:58 AM



TIC: BM008677.D

(1) 1,4-Dichlorobenzene-d4 (I)

7.635min (-0.201) 0.40ng/ul m

response 488

SJ
 12/30/16

Ion	Exp%	Act%
152.00	100	100
150.00	143.40	140.54
115.00	64.90	149.32#
0.00	0.00	0.00

Quantitation Report (Qedit)

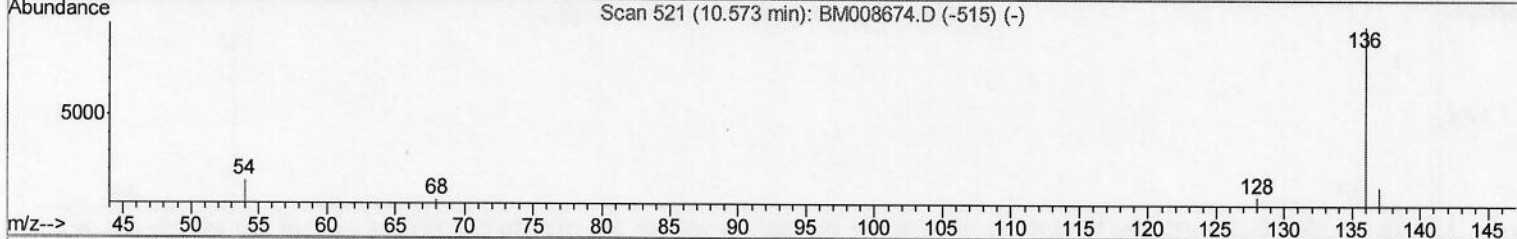
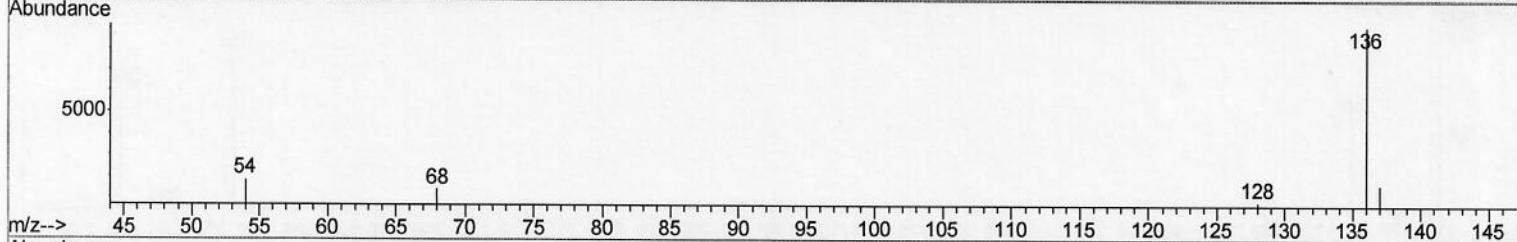
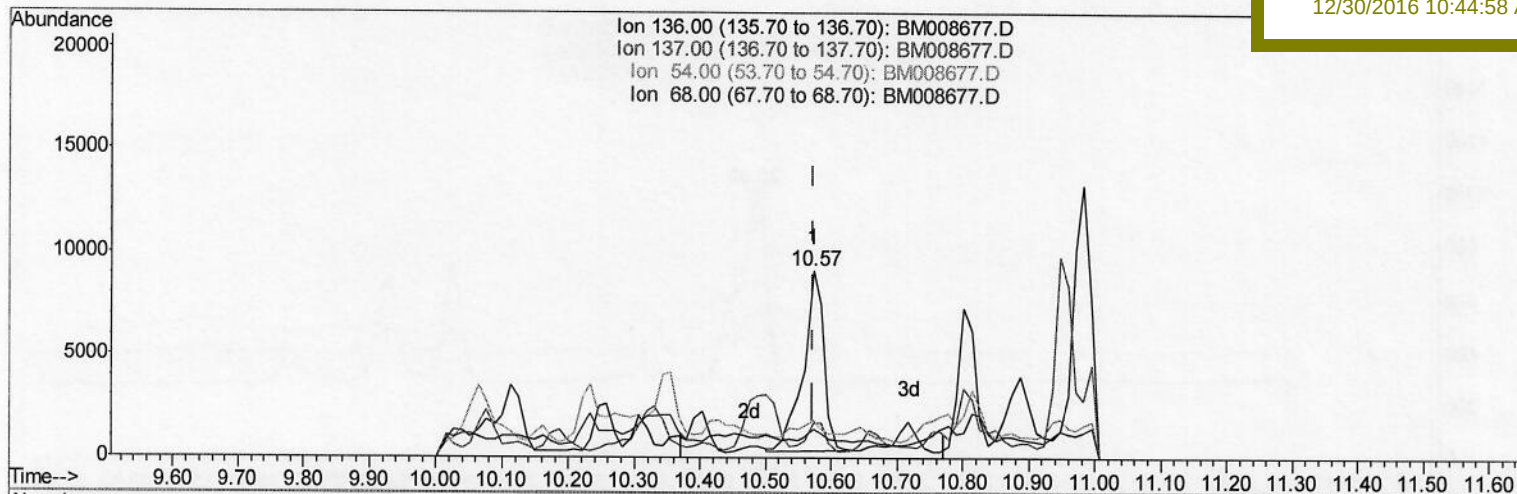
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122716\
 Data File : BM008677.D
 Acq On : 27 Dec 2016 17:18
 Operator : UM/SJ
 Sample : H5995-09
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Quant Time: Dec 28 03:27:27 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 28 03:24:04 2016
 Response via : Initial Calibration

Instrument :
 BNA_M
ClientSampleId :
 DA874

Manual Integrations
APPROVED

sohil
 12/30/2016 10:44:58 AM



TIC: BM008677.D

(2) Naphthalene-d8 (I)

10.572min (-0.000) 0.40ng/ul

response 19539

Ion	Exp%	Act%
136.00	100	100
137.00	13.90	18.19#
54.00	15.50	19.86#
68.00	9.90	15.12#

Quantitation Report (Qedit)

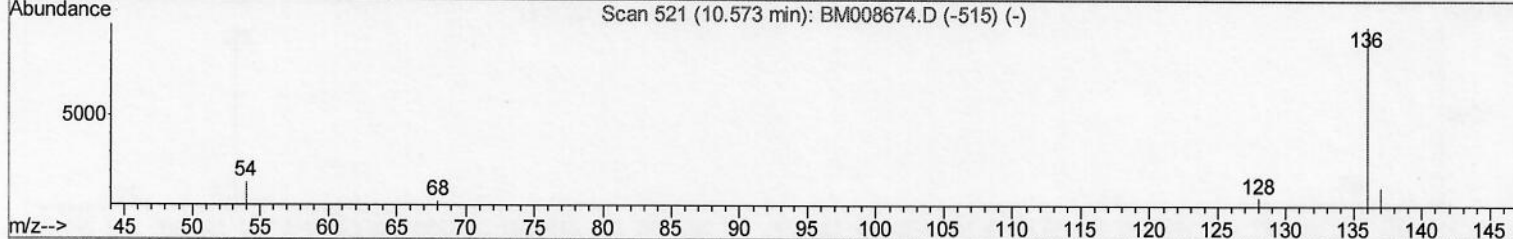
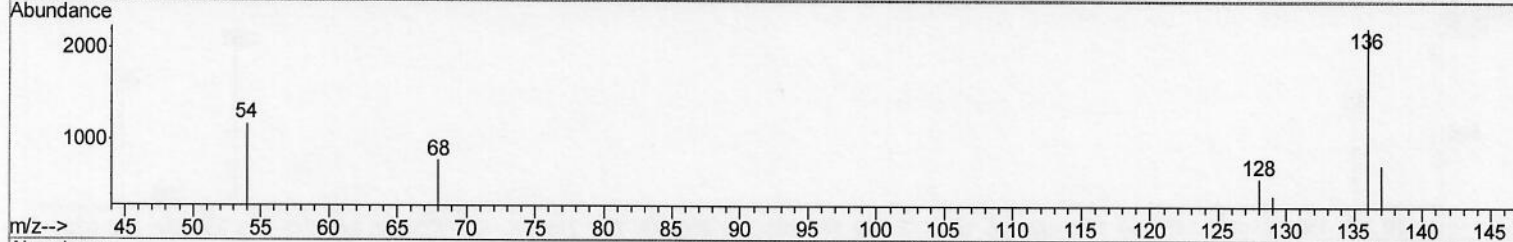
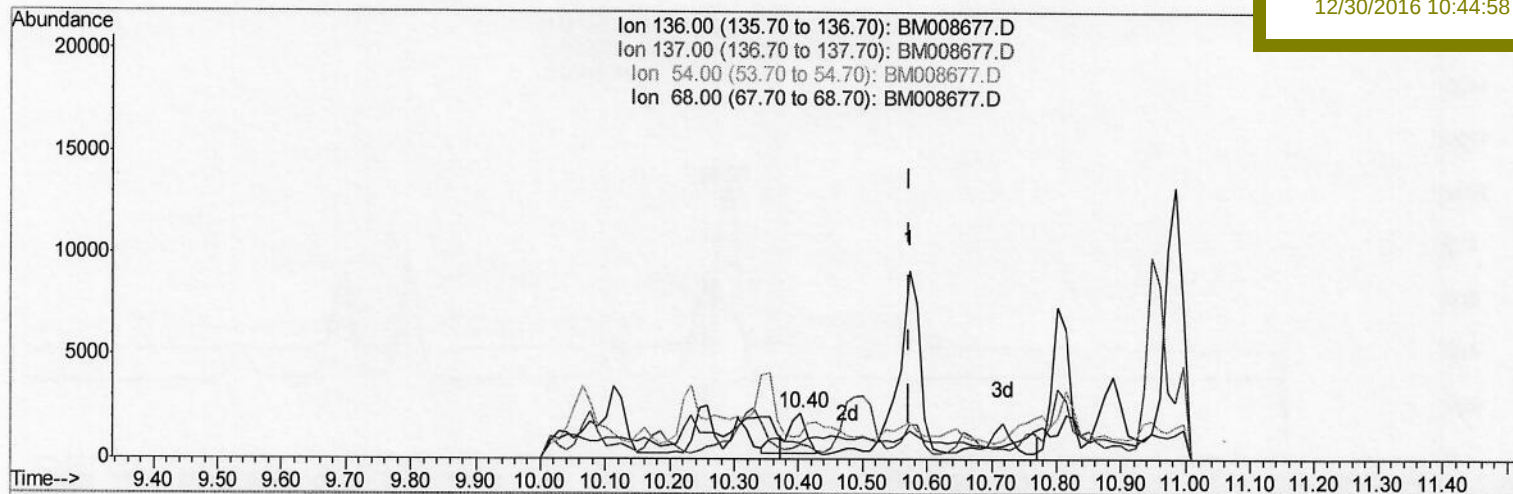
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122716\
 Data File : BM008677.D
 Acq On : 27 Dec 2016 17:18
 Operator : UM/SJ
 Sample : H5995-09
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Quant Time: Dec 28 03:27:27 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 28 03:24:04 2016
 Response via : Initial Calibration

Instrument :
 BNA_M
ClientSampleId :
 DA874

Manual Integrations
APPROVED

sohil
 12/30/2016 10:44:58 AM



TIC: BM008677.D

(2) Naphthalene-d8 (I)

10.403min (-0.169) 0.40ng/ul m

response 4630

SJ
 12/30/16

Ion	Exp%	Act%
136.00	100	100
137.00	13.90	32.84#
54.00	15.50	52.21#
68.00	9.90	34.76#

Quantitation Report (Qedit)

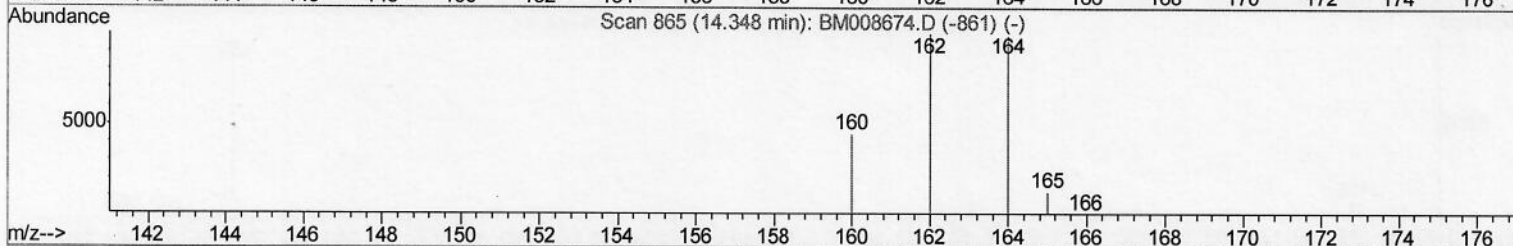
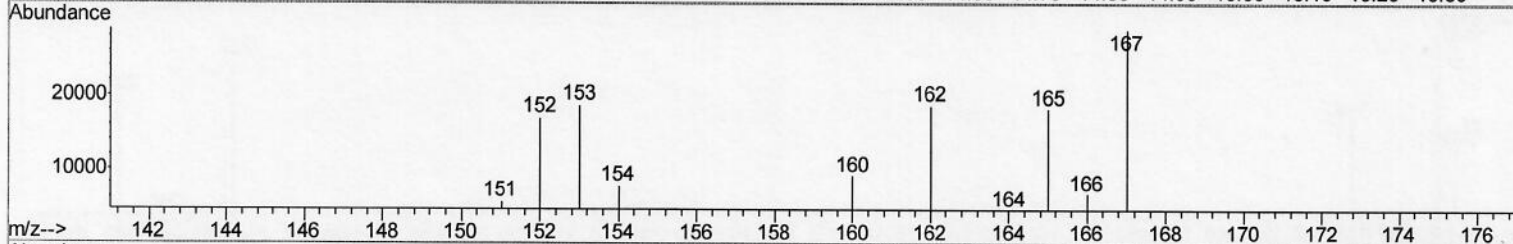
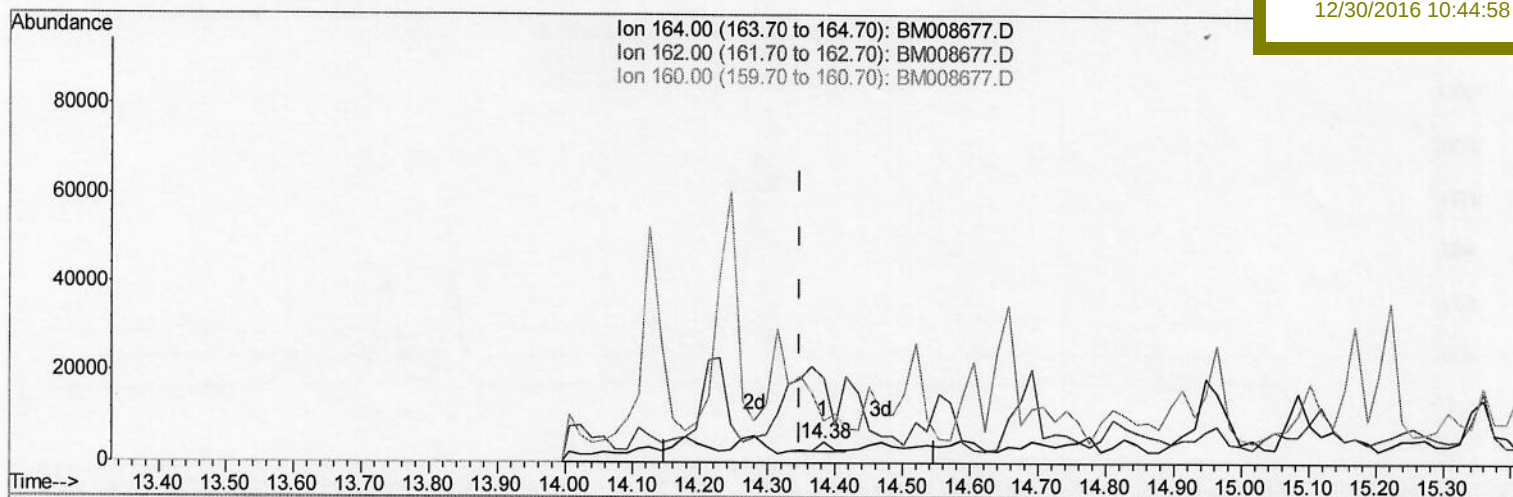
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122716\
Data File : BM008677.D
Acq On : 27 Dec 2016 17:18
Operator : UM/SJ
Sample : H5995-09
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Dec 28 03:27:27 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 28 03:24:04 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
DA874

Manual Integrations
APPROVED

sohil
12/30/2016 10:44:58 AM



TIC: BM008677.D

(6) Acenaphthene-d10 (I)

14.383min (+0.034) 0.40ng/ul

response 3464

Ion	Exp%	Act%
164.00	100	100
162.00	98.60	429.68#
160.00	48.80	208.39#
0.00	0.00	0.00

Quantitation Report (Qedit)

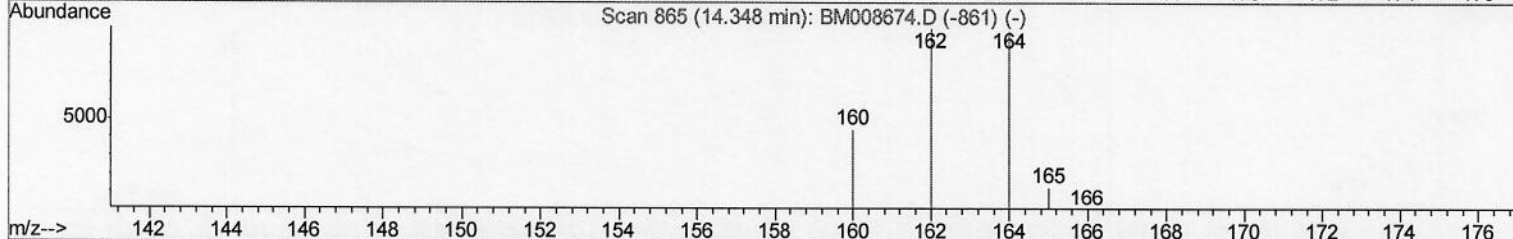
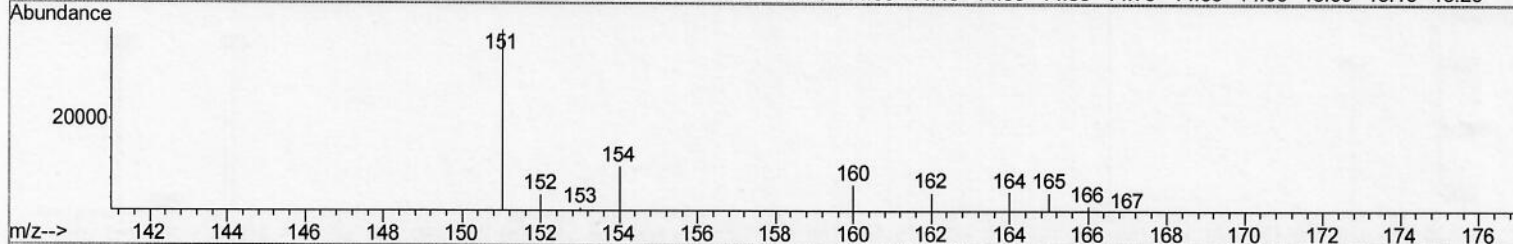
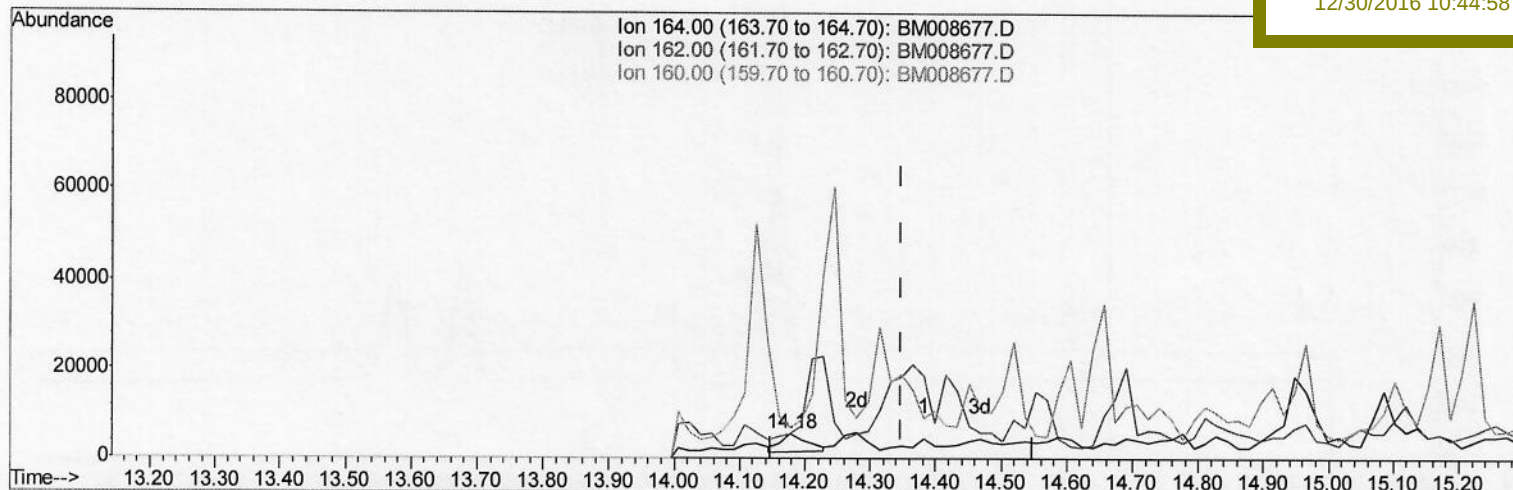
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122716\
 Data File : BM008677.D
 Acq On : 27 Dec 2016 17:18
 Operator : UM/SJ
 Sample : H5995-09
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA874

Quant Time: Dec 28 03:27:27 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 28 03:24:04 2016
 Response via : Initial Calibration

Manual Integrations
 APPROVED

sohil
 12/30/2016 10:44:58 AM



TIC: BM008677.D

(6) Acenaphthene-d10 (I)

14.177min (-0.171) 0.40ng/ul m

response 11700

S.J
 12/30/16

Ion	Exp%	Act%
164.00	100	100
162.00	98.60	97.77
160.00	48.80	125.46#
0.00	0.00	0.00

Quantitation Report (Qedit)

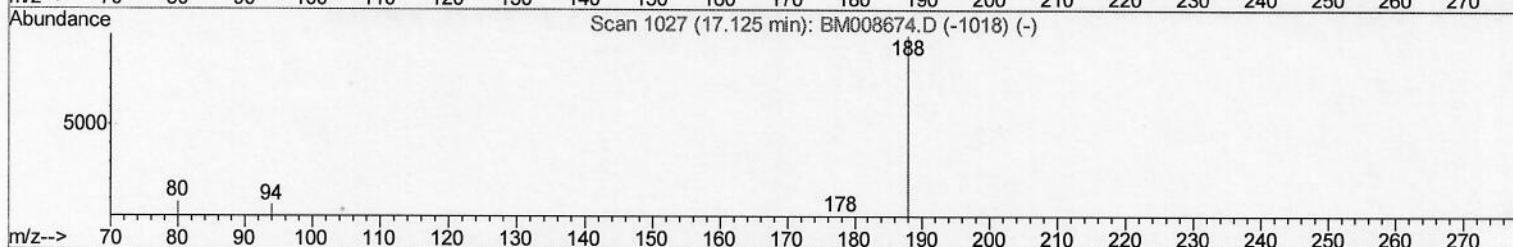
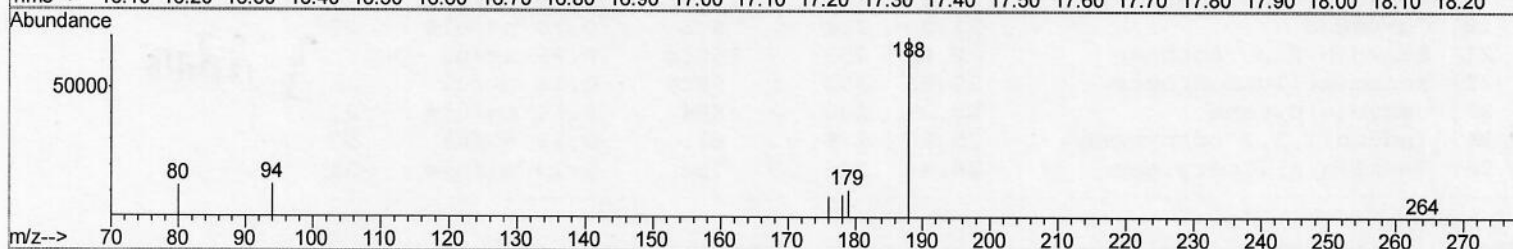
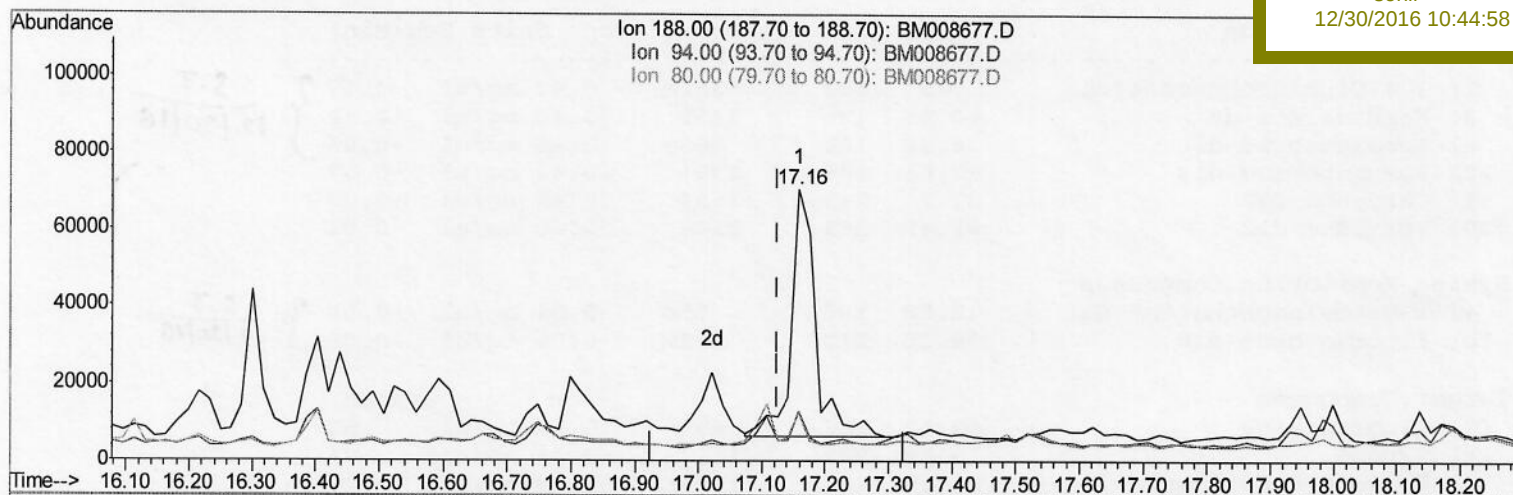
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122716\
 Data File : BM008677.D
 Acq On : 27 Dec 2016 17:18
 Operator : UM/SJ
 Sample : H5995-09
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Quant Time: Dec 28 03:27:27 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 28 03:24:04 2016
 Response via : Initial Calibration

Instrument :
 BNA_M
ClientSampleId :
 DA874

Manual Integrations
APPROVED

sohil
 12/30/2016 10:44:58 AM



TIC: BM008677.D

(10) Phenanthrene-d10 (I)

17.159min (+0.034) 0.40ng/ul

response 171438

Ion	Exp%	Act%
188.00	100	100
94.00	11.00	18.02#
80.00	11.80	17.55#
0.00	0.00	0.00

Quantitation Report (Qedit)

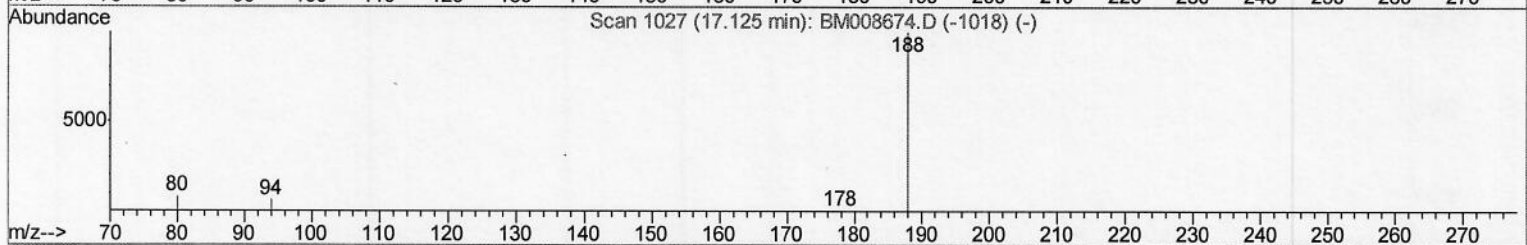
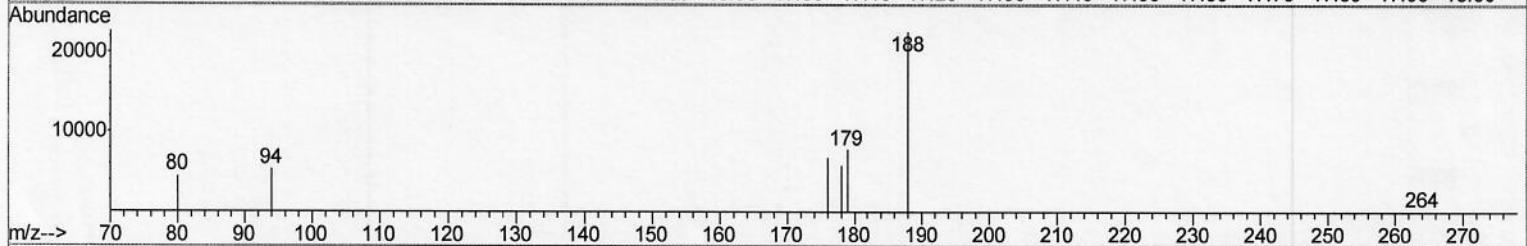
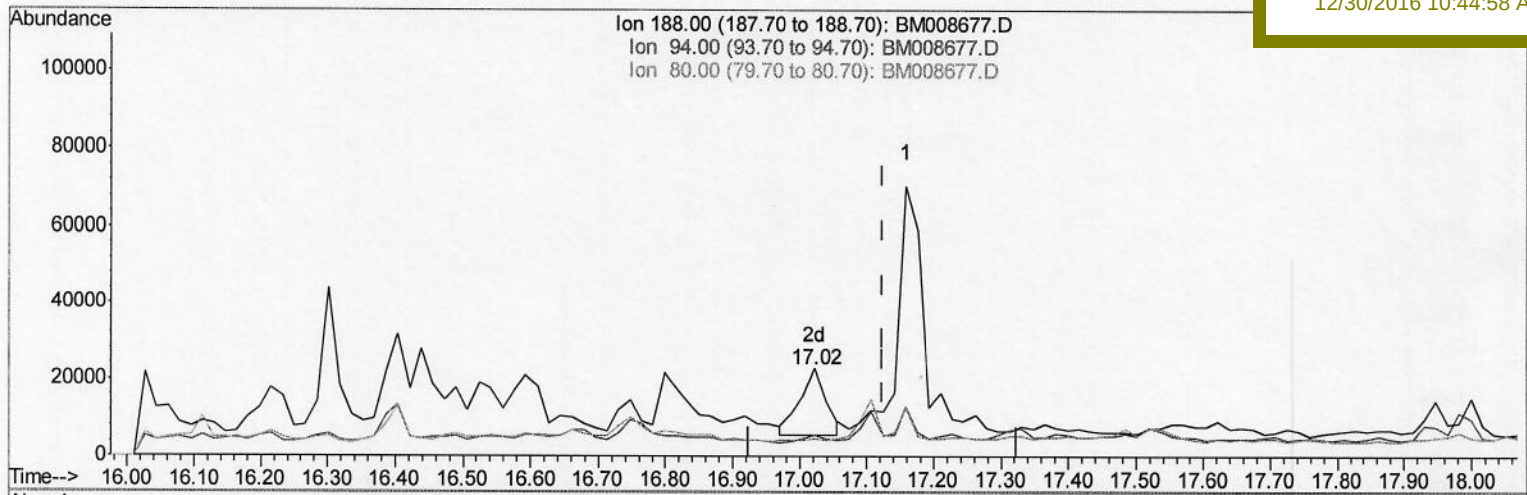
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122716\
Data File : BM008677.D
Acq On : 27 Dec 2016 17:18
Operator : UM/SJ
Sample : H5995-09
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Dec 28 03:27:27 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 28 03:24:04 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
DA874

Manual Integrations
APPROVED

sohil
12/30/2016 10:44:58 AM



TIC: BM008677.D

(10) Phenanthrene-d10 (I)

17.022min (-0.103) 0.40ng/ul m

response 45626

Ion	Exp%	Act%
188.00	100	100
94.00	11.00	23.44#
80.00	11.80	19.75#
0.00	0.00	0.00

SJ
12/30/16

Quantitation Report (Qedit)

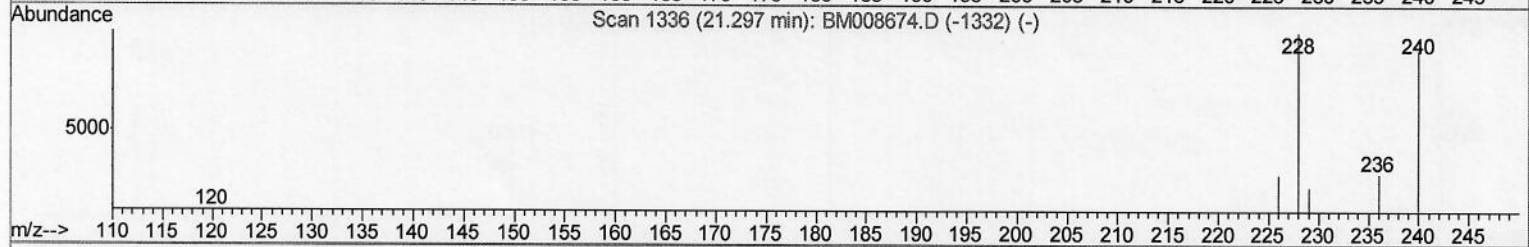
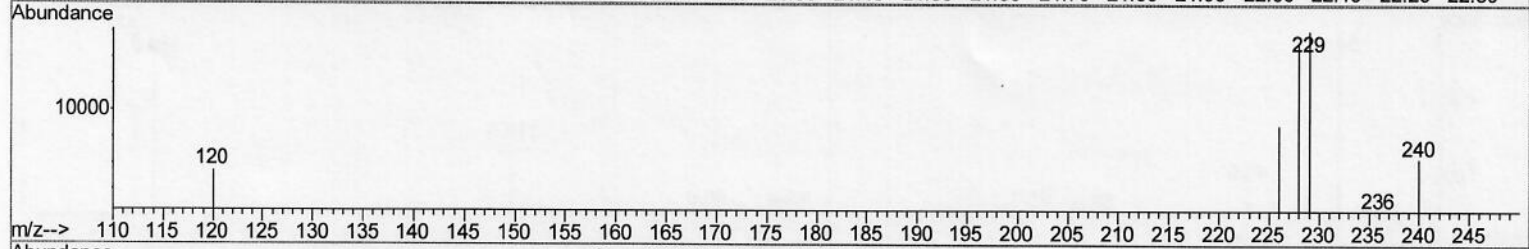
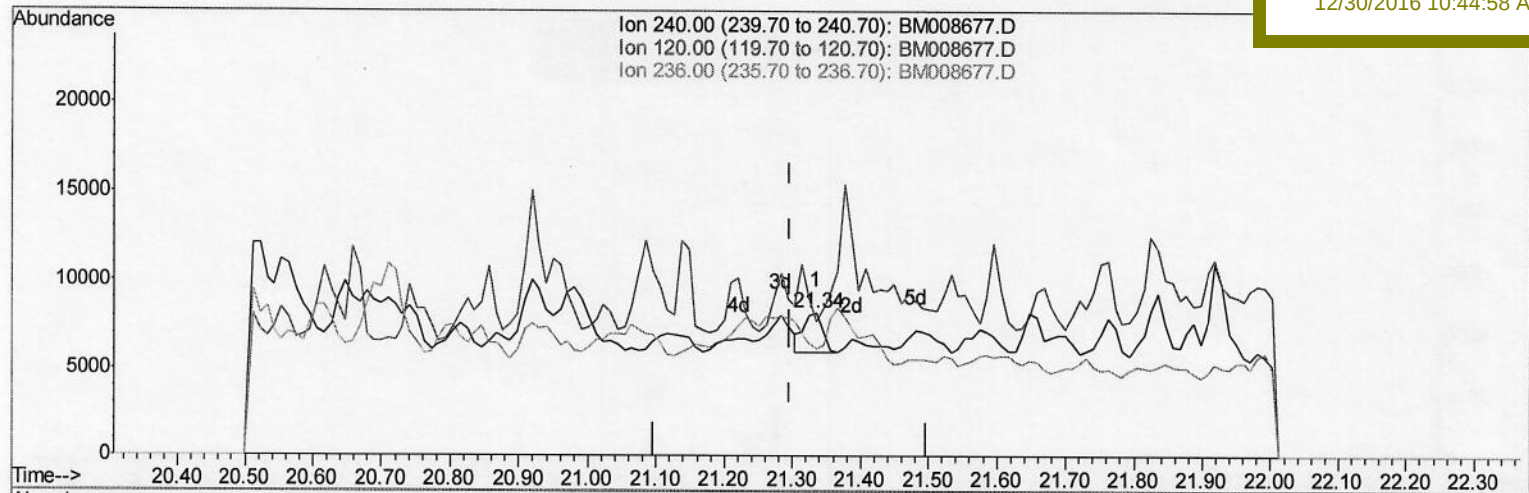
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122716\
 Data File : BM008677.D
 Acq On : 27 Dec 2016 17:18
 Operator : UM/SJ
 Sample : H5995-09
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
Client Sampled :
 DA874

Quant Time: Dec 28 03:27:27 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 28 03:24:04 2016
 Response via : Initial Calibration

Manual Integrations
APPROVED

sohil
 12/30/2016 10:44:58 AM



TIC: BM008677.D

(16) Chrysene-d12 (I)

21.335min (+0.038) 0.40ng/ul

response 4334

Ion	Exp%	Act%
240.00	100	100
120.00	20.60	94.15#
236.00	34.90	75.41#
0.00	0.00	0.00

Quantitation Report (Qedit)

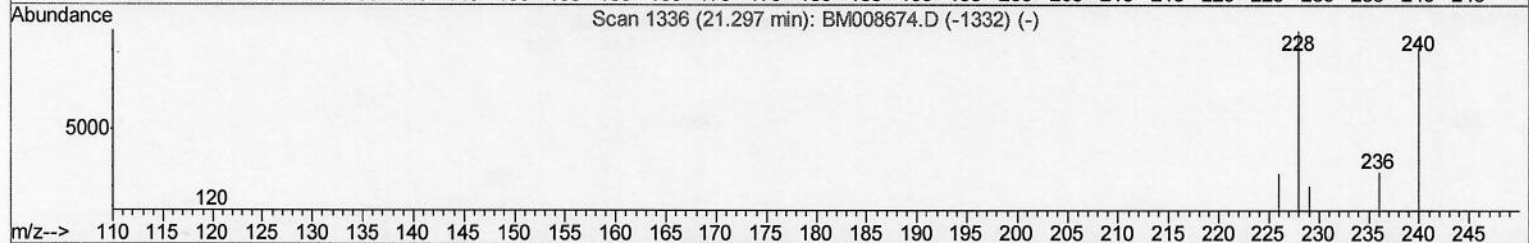
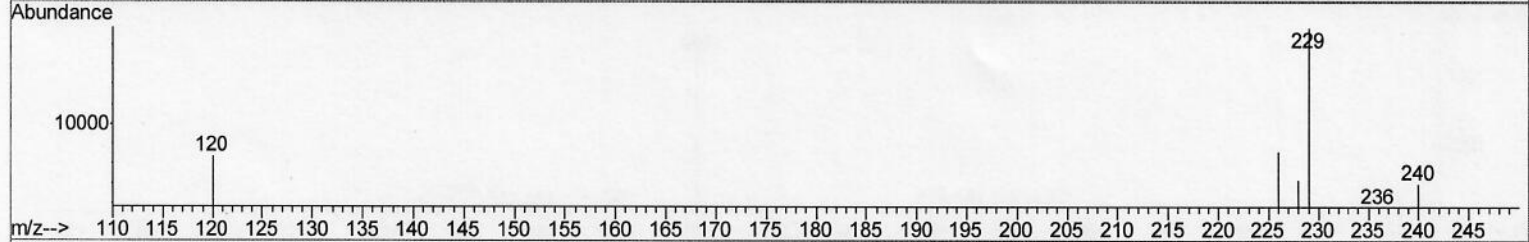
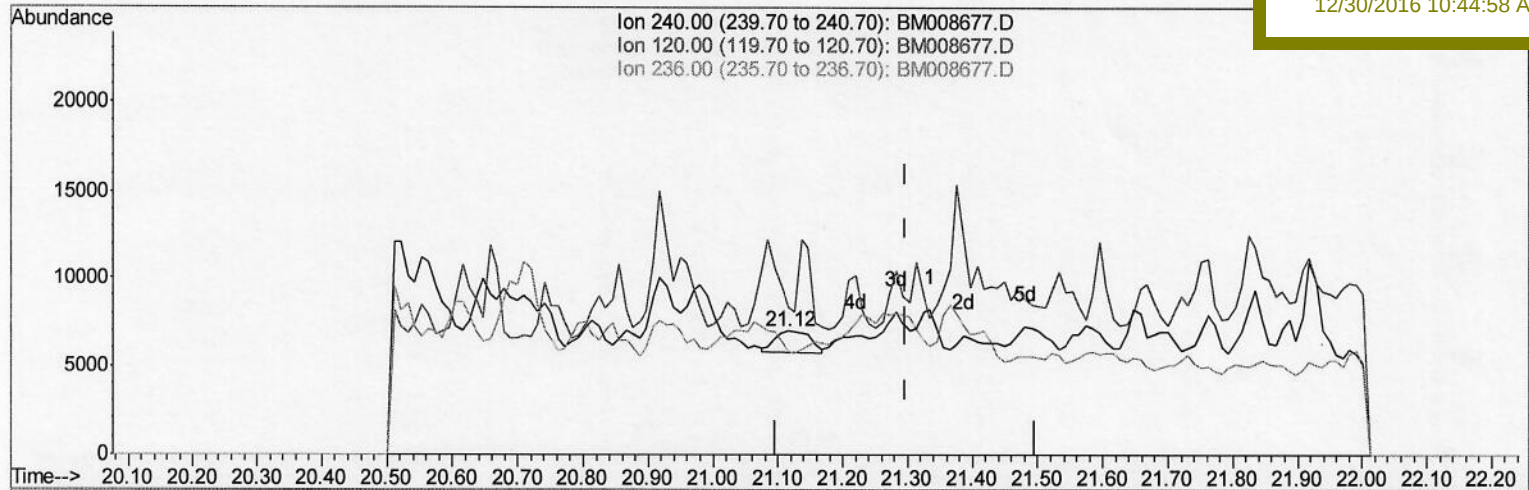
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122716\
 Data File : BM008677.D
 Acq On : 27 Dec 2016 17:18
 Operator : UM/SJ
 Sample : H5995-09
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA874

Quant Time: Dec 28 03:27:27 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 28 03:24:04 2016
 Response via : Initial Calibration

Manual Integrations
 APPROVED

sohil
 12/30/2016 10:44:58 AM



TIC: BM008677.D

(16) Chrysene-d12 (I)

21.116min (-0.181) 0.40ng/ul m

response 4612

Ion	Exp%	Act%
240.00	100	100
120.00	20.60	119.38#
236.00	34.90	83.32#
0.00	0.00	0.00

SJ
12/30/16

Quantitation Report (Qedit)

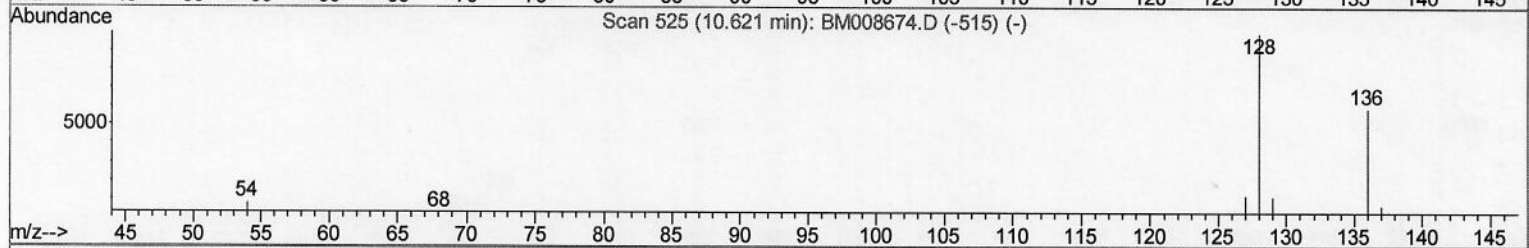
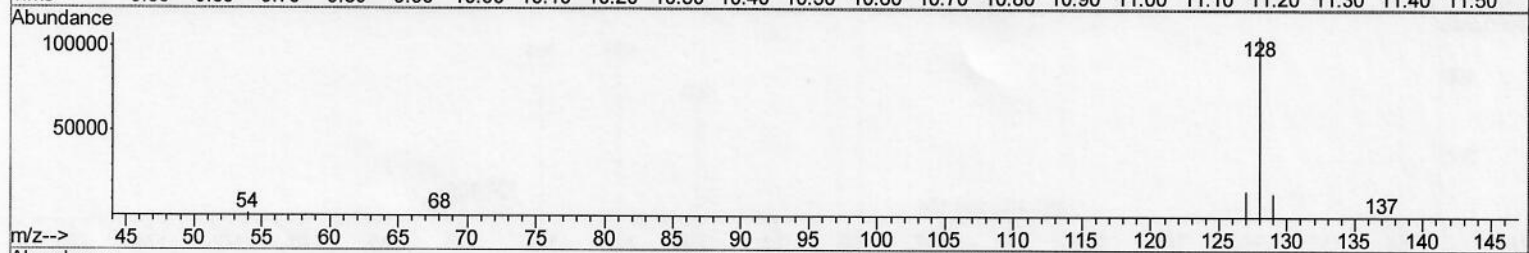
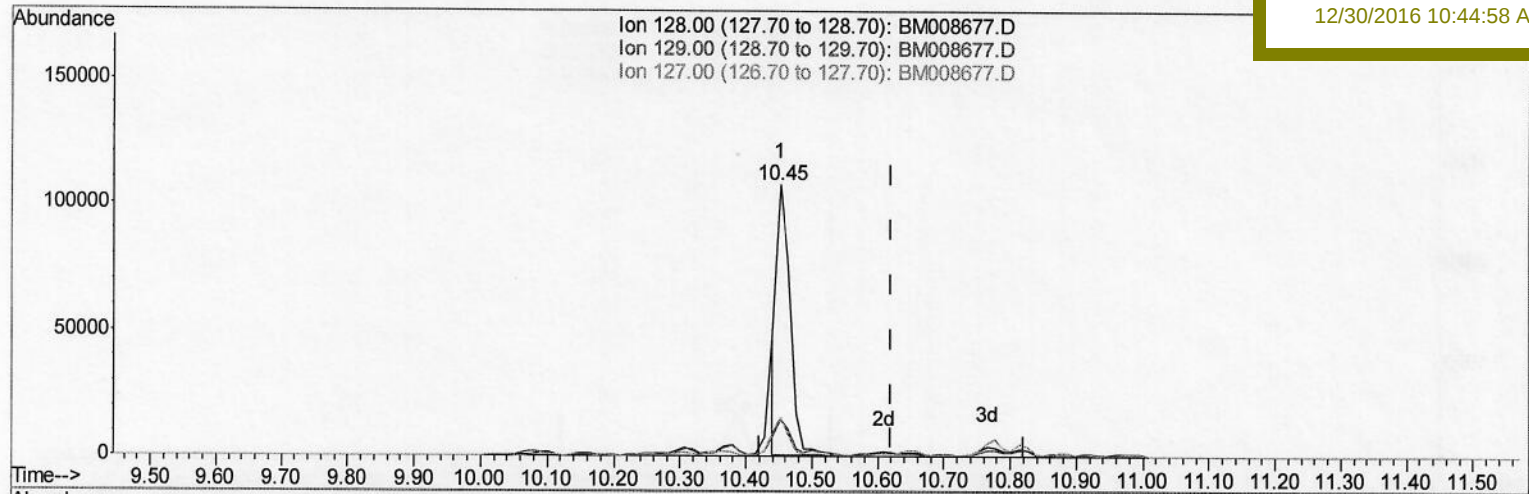
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122716\
 Data File : BM008677.D
 Acq On : 27 Dec 2016 17:18
 Operator : UM/SJ
 Sample : H5995-09
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Quant Time: Dec 28 04:14:10 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 28 03:24:04 2016
 Response via : Initial Calibration

Instrument :
 BNA_M
 ClientSampleId :
 DA874

Manual Integrations
 APPROVED

sohil
 12/30/2016 10:44:58 AM



TIC: BM008677.D

(3) Naphthalene

10.451min (-0.169) 11.61ng/ul

response 151270

Ion	Exp%	Act%
128.00	100	100
129.00	14.10	13.58
127.00	16.00	14.42
0.00	0.00	0.00

Quantitation Report (Qedit)

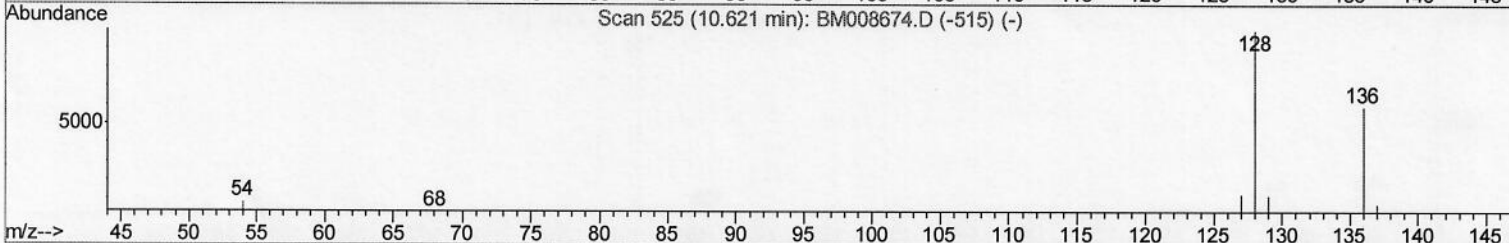
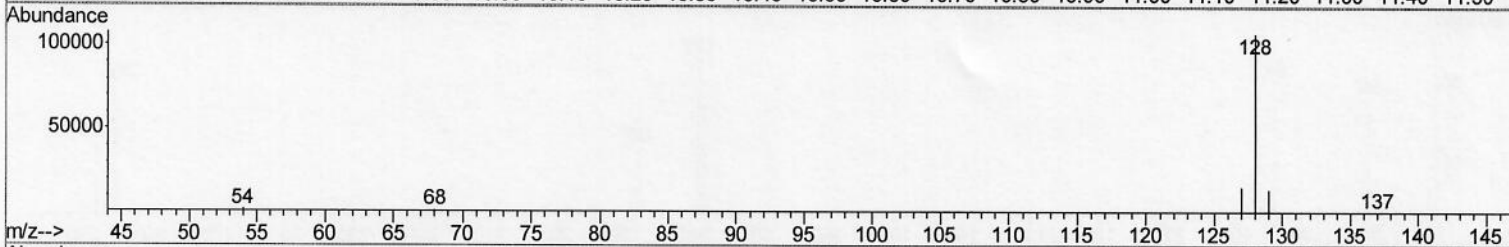
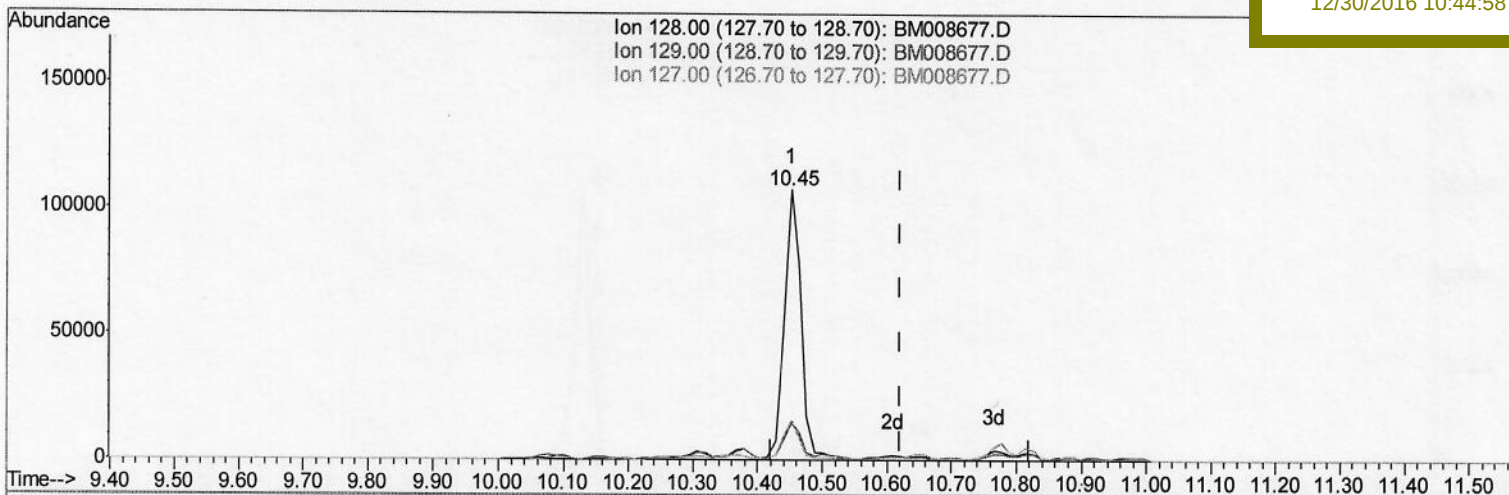
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122716\
 Data File : BM008677.D
 Acq On : 27 Dec 2016 17:18
 Operator : UM/SJ
 Sample : H5995-09
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA874

Quant Time: Dec 28 04:14:10 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 28 03:24:04 2016
 Response via : Initial Calibration

Manual Integrations
 APPROVED

sohil
 12/30/2016 10:44:58 AM



TIC: BM008677.D

(3) Naphthalene

10.451min (-0.169) 14.86ng/ul m

response 193556

SJ
 12/30/16

Ion	Exp%	Act%
128.00	100	100
129.00	14.10	13.58
127.00	16.00	14.42
0.00	0.00	0.00

Quantitation Report (Qedit)

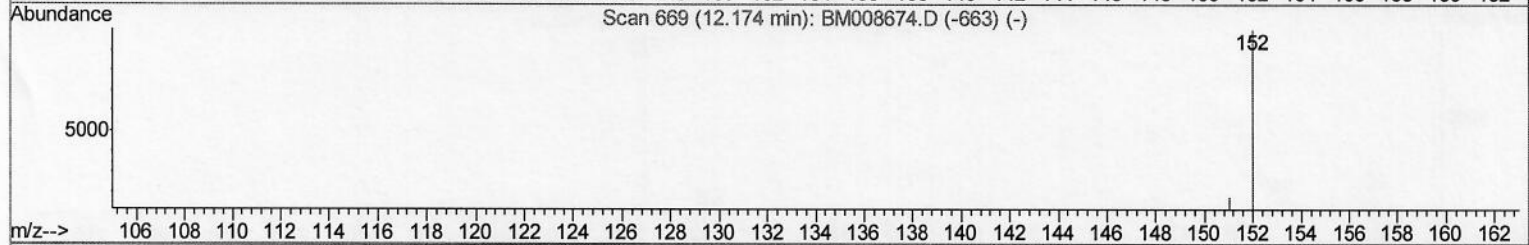
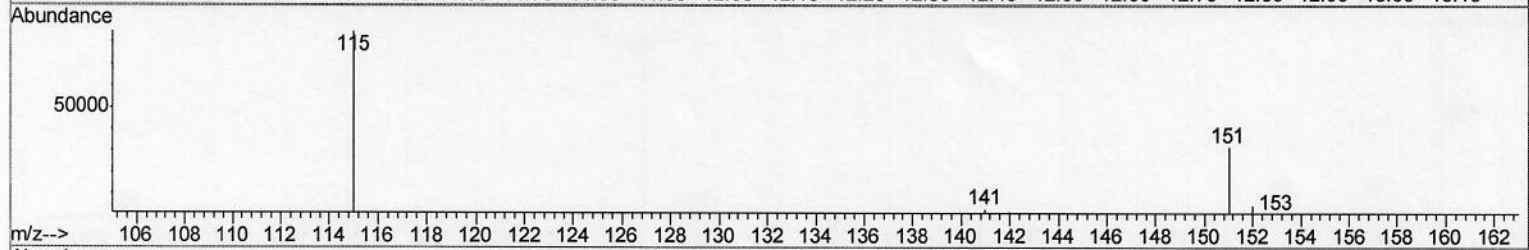
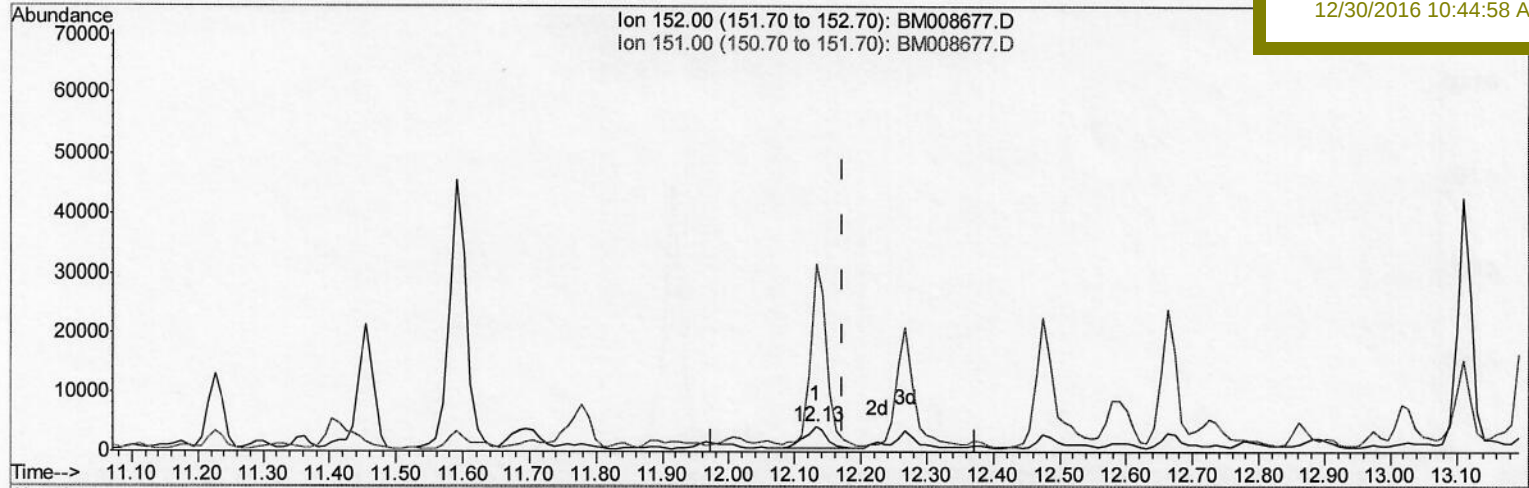
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122716\
 Data File : BM008677.D
 Acq On : 27 Dec 2016 17:18
 Operator : UM/SJ
 Sample : H5995-09
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Quant Time: Dec 28 04:14:10 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 28 03:24:04 2016
 Response via : Initial Calibration

Instrument :
 BNA_M
ClientSampleId :
 DA874

Manual Integrations
APPROVED

sohil
 12/30/2016 10:44:58 AM



TIC: BM008677.D

(4) 2-Methylnaphthalene-d10 (SURR)

12.132min (-0.042) 1.20ng/ul

response 8531

Ion	Exp%	Act%
152.00	100	100
151.00	19.30	604.15#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

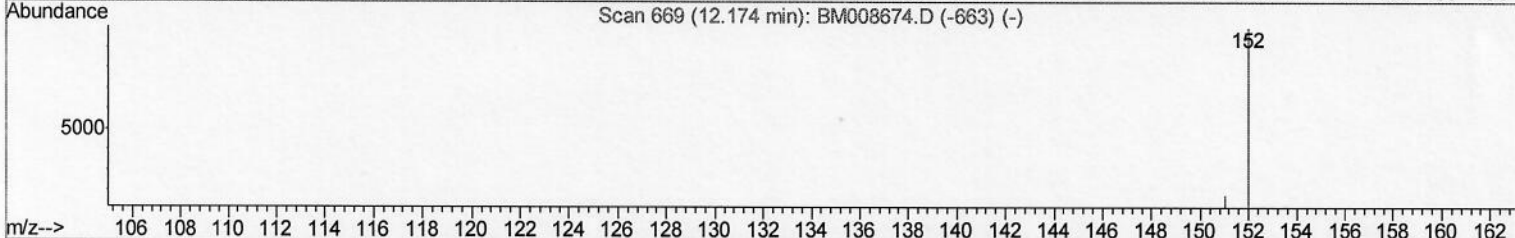
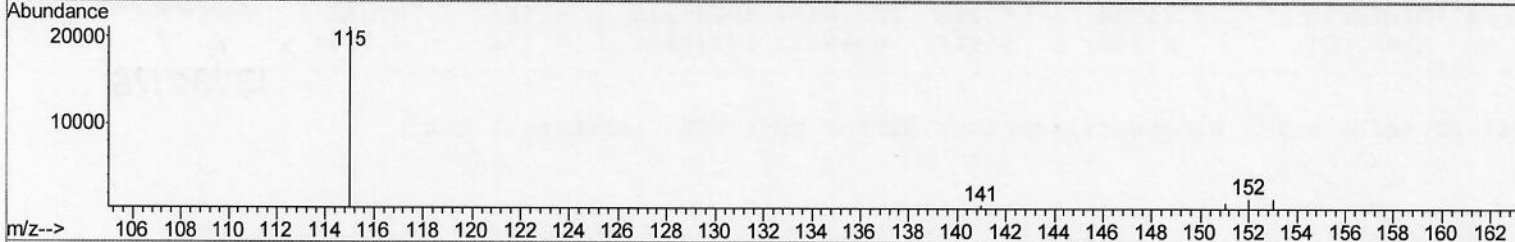
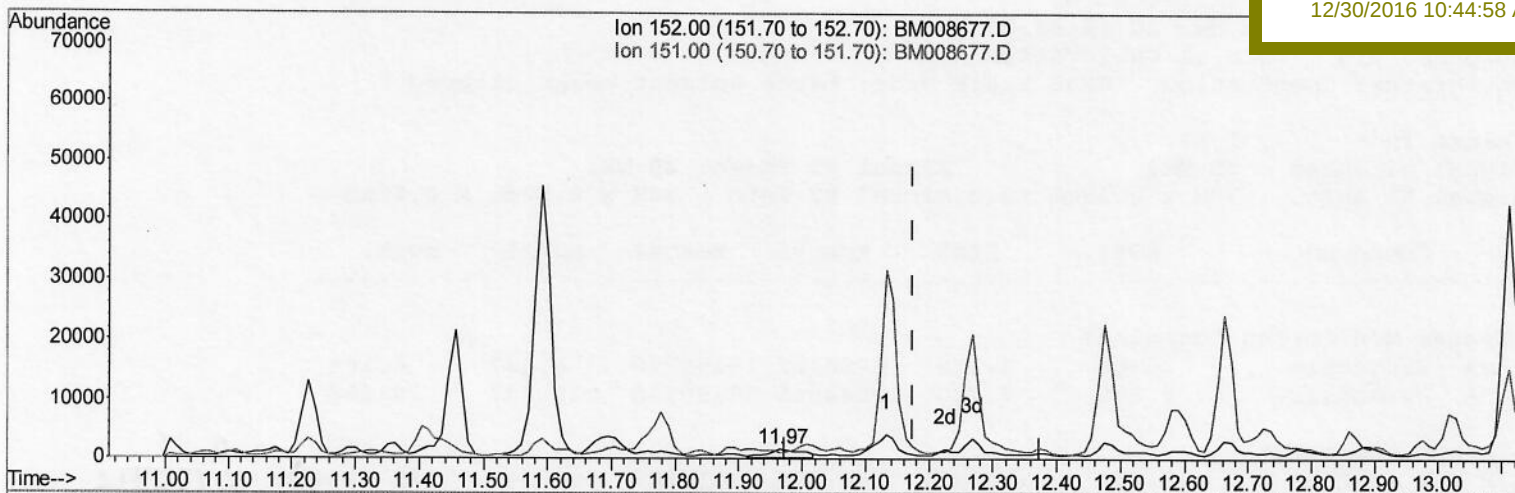
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122716\
 Data File : BM008677.D
 Acq On : 27 Dec 2016 17:18
 Operator : UM/SJ
 Sample : H5995-09
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Quant Time: Dec 28 04:14:10 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 28 03:24:04 2016
 Response via : Initial Calibration

Instrument :
 BNA_M
 ClientSampleId :
 DA874

Manual Integrations
 APPROVED

sohil
 12/30/2016 10:44:58 AM



TIC: BM008677.D

(4) 2-Methylnaphthalene-d10 (SURR)

11.966min (-0.208) 0.73ng/ul m

response 5149

Ion	Exp%	Act%
152.00	100	100
151.00	19.30	1000.97#
0.00	0.00	0.00
0.00	0.00	0.00

SJ
 12/30/16

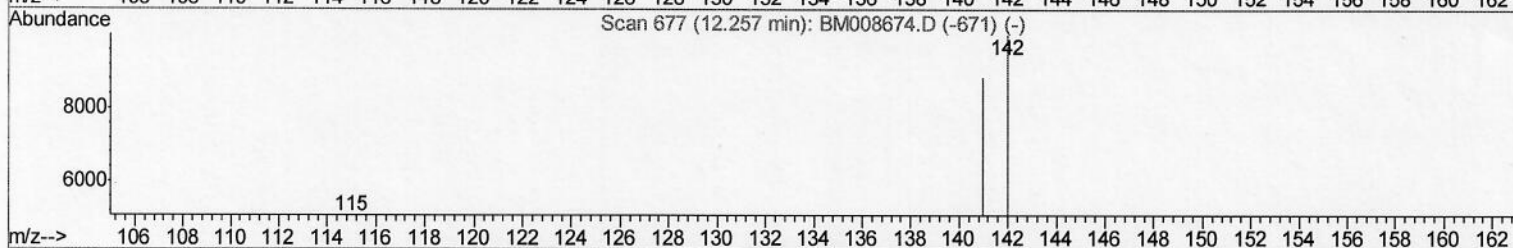
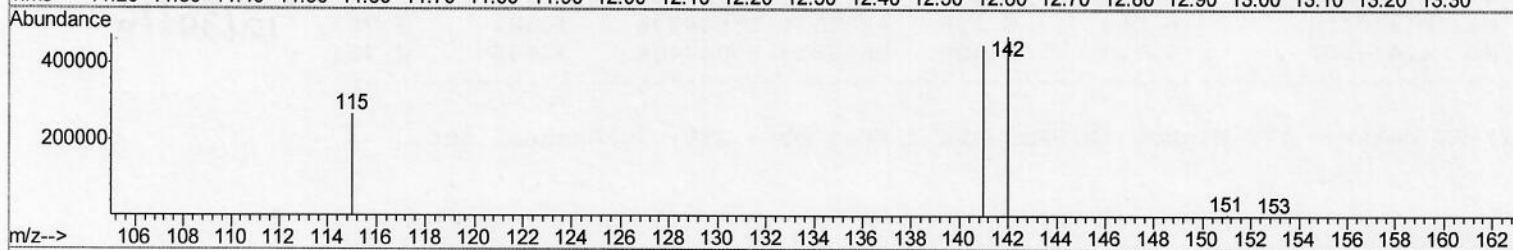
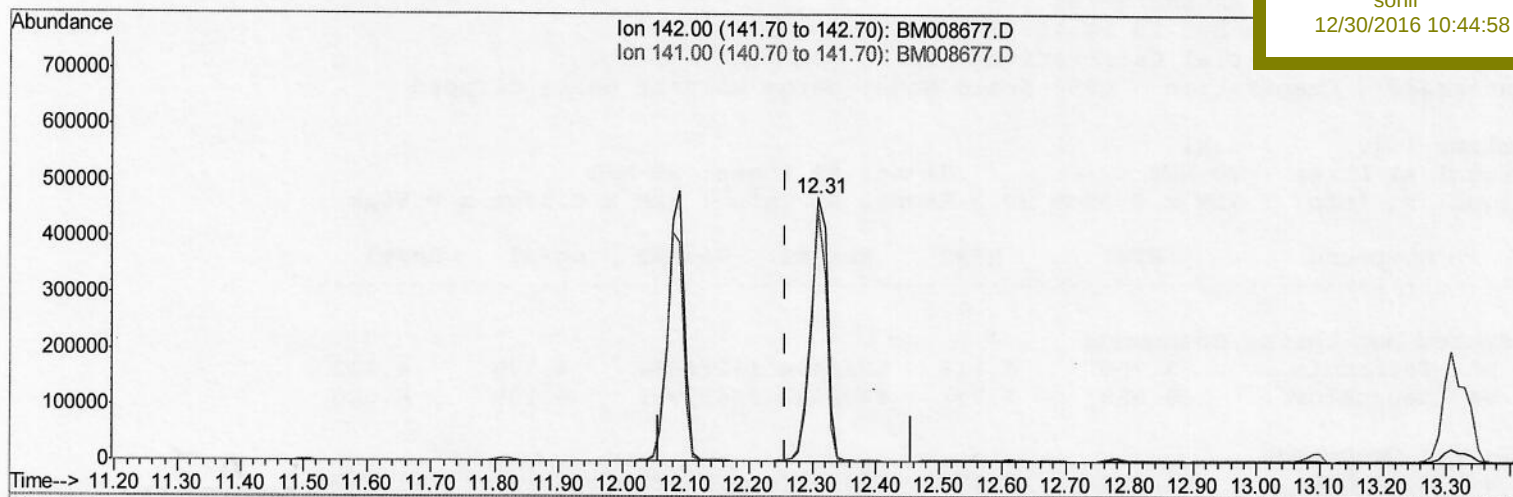
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122716\
Data File : BM008677.D
Acq On : 27 Dec 2016 17:18
Operator : UM/SJ
Sample : H5995-09
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Dec 28 04:14:10 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 28 03:24:04 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
DA874

Manual Integrations
APPROVED

sohil
12/30/2016 10:44:58 AM



TIC: BM008677.D

(5) 2-Methylnaphthalene

12.309min (+0.052) 96.89ng/ul

response 849517

Ion	Exp%	Act%
142.00	100	100
141.00	90.70	91.73
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

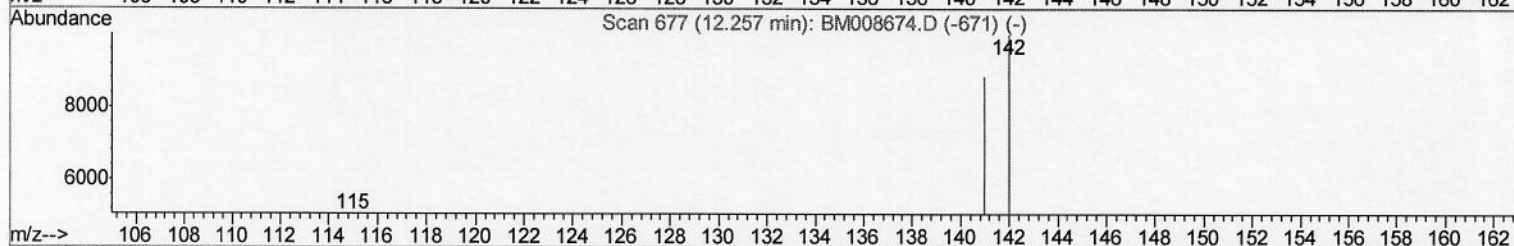
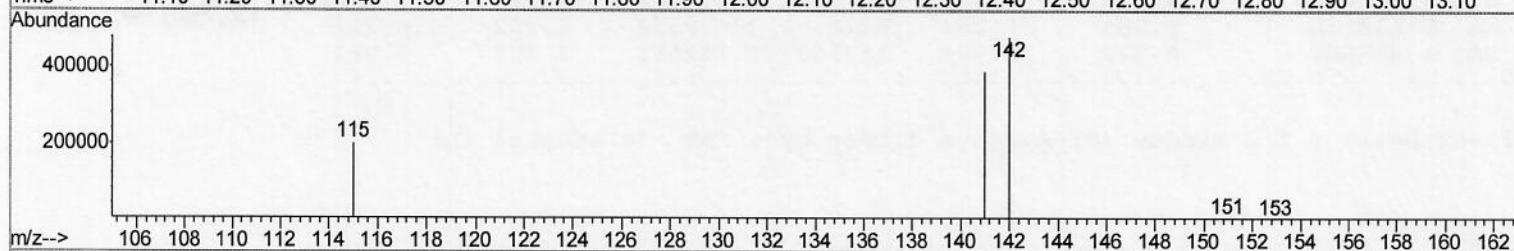
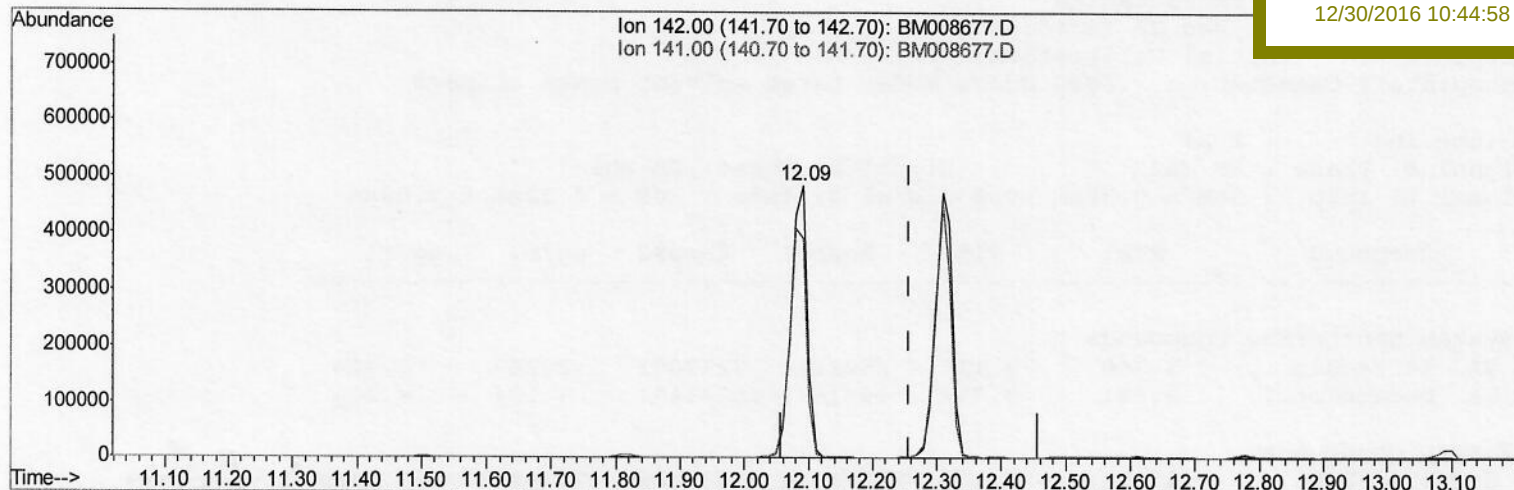
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122716\
 Data File : BM008677.D
 Acq On : 27 Dec 2016 17:18
 Operator : UM/SJ
 Sample : H5995-09
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Quant Time: Dec 28 04:14:10 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 28 03:24:04 2016
 Response via : Initial Calibration

Instrument :
 BNA_M
 ClientSampleId :
 DA874

Manual Integrations
 APPROVED

sohil
 12/30/2016 10:44:58 AM



TIC: BM008677.D

(5) 2-Methylnaphthalene

12.090min (-0.167) 96.10ng/ul m

response 842550

S.J
 12/30/16

Ion	Exp%	Act%
142.00	100	100
141.00	90.70	92.48
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

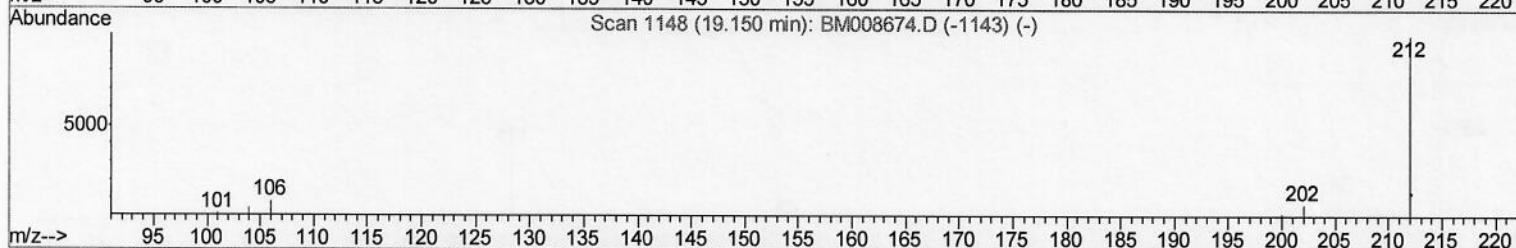
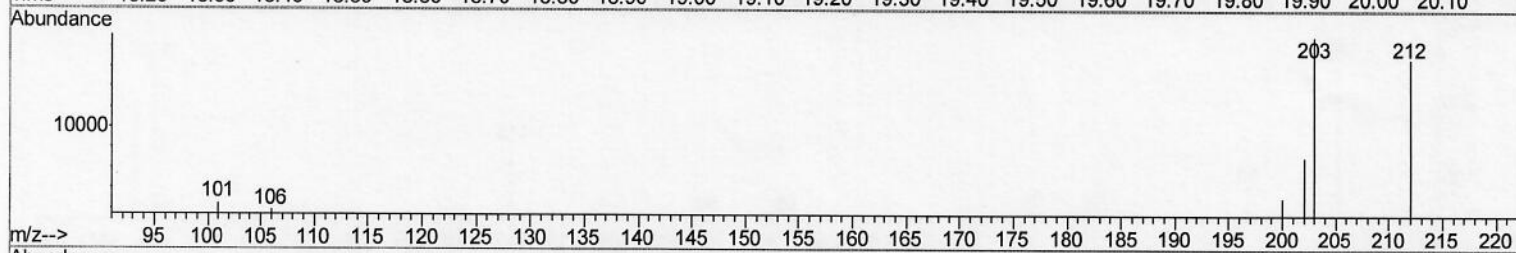
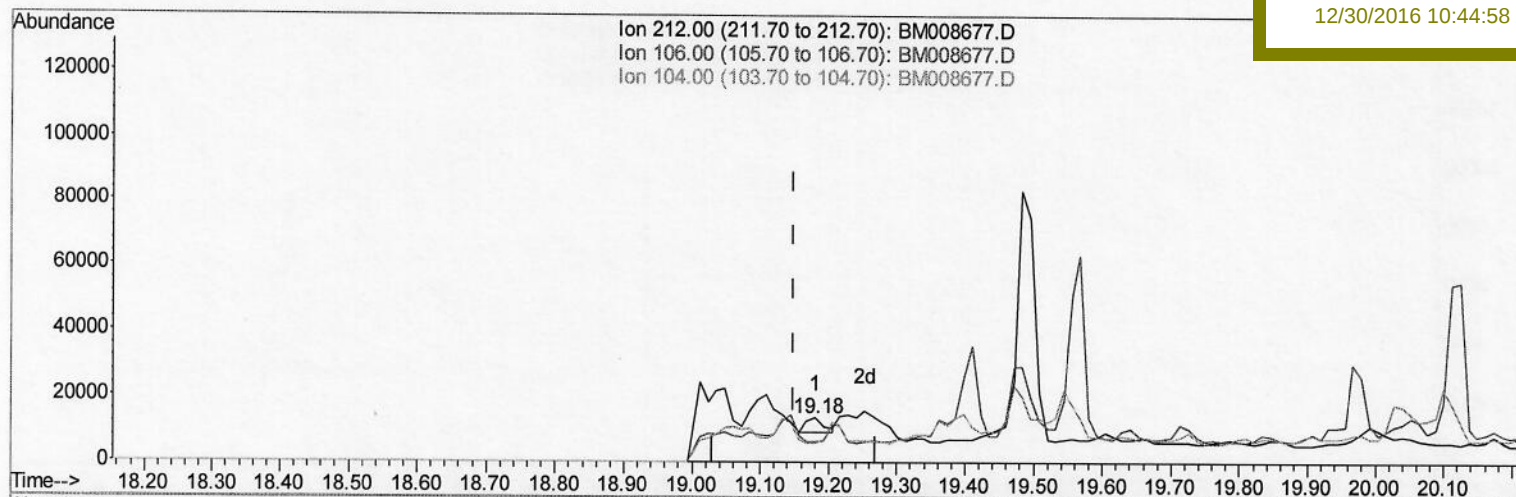
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122716\
Data File : BM008677.D
Acq On : 27 Dec 2016 17:18
Operator : UM/SJ
Sample : H5995-09
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Dec 28 04:14:10 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 28 03:24:04 2016
Response via : Initial Calibration

Instrument :
BNA_M
Client Sampled :
DA874

Manual Integrations
APPROVED

sohil
12/30/2016 10:44:58 AM



TIC: BM008677.D

(14) Fluoranthene-d10 (SURR)

19.181min (+0.031) 0.06ng/ul

response 7688

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

Quantitation Report (Qedit)

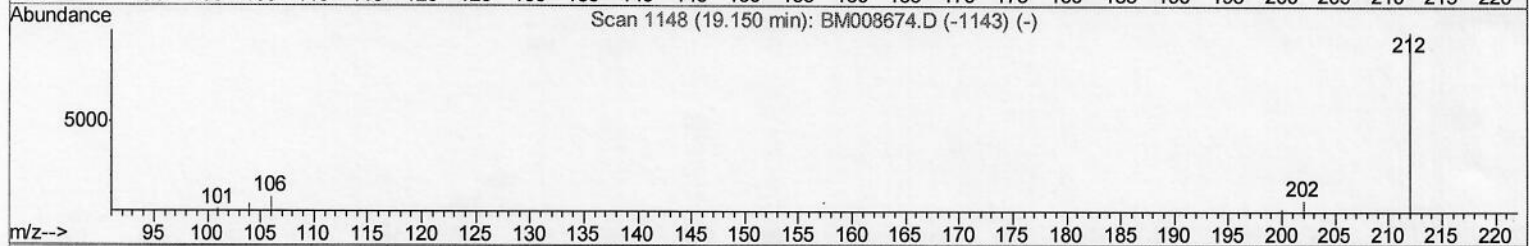
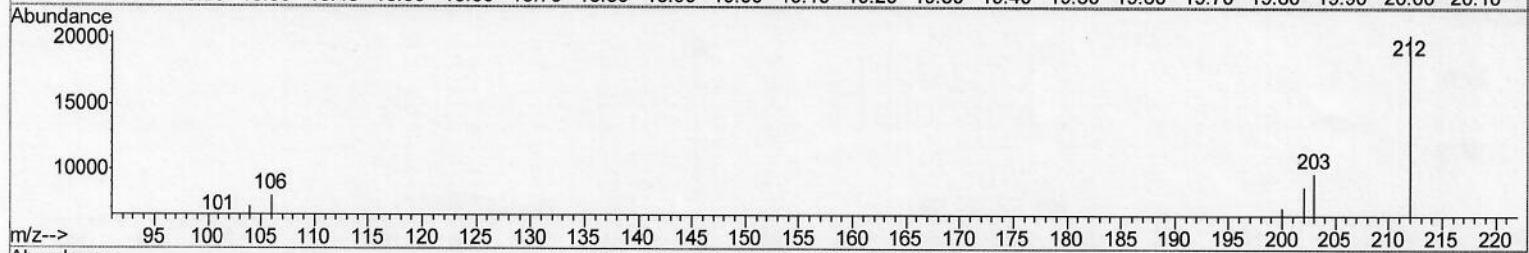
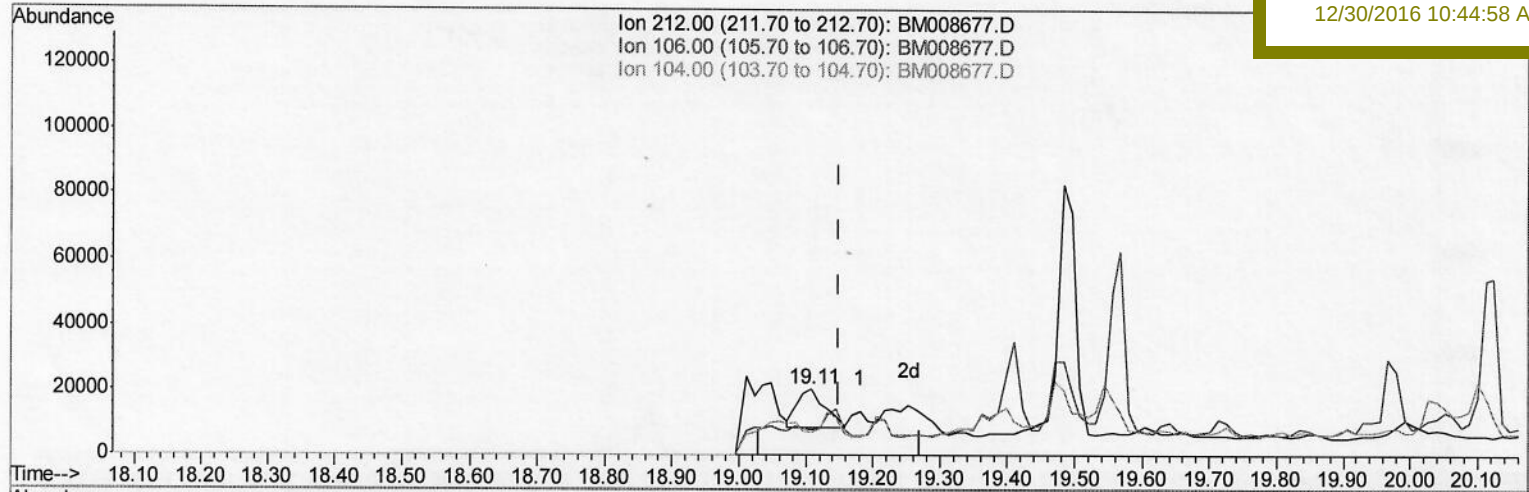
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122716\
 Data File : BM008677.D
 Acq On : 27 Dec 2016 17:18
 Operator : UM/SJ
 Sample : H5995-09
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Quant Time: Dec 28 04:14:10 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 28 03:24:04 2016
 Response via : Initial Calibration

Instrument :
 BNA_M
 ClientSampleId :
 DA874

Manual Integrations
 APPROVED

sohil
 12/30/2016 10:44:58 AM



(14) Fluoranthene-d10 (SURR)

19.108min (-0.041) 0.26ng/ul m

response 32407

S.J.
12/30/16

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

Quantitation Report (Qedit)

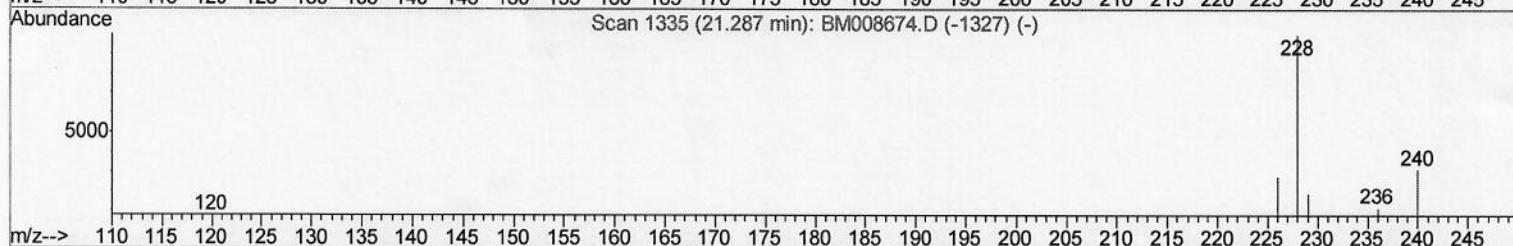
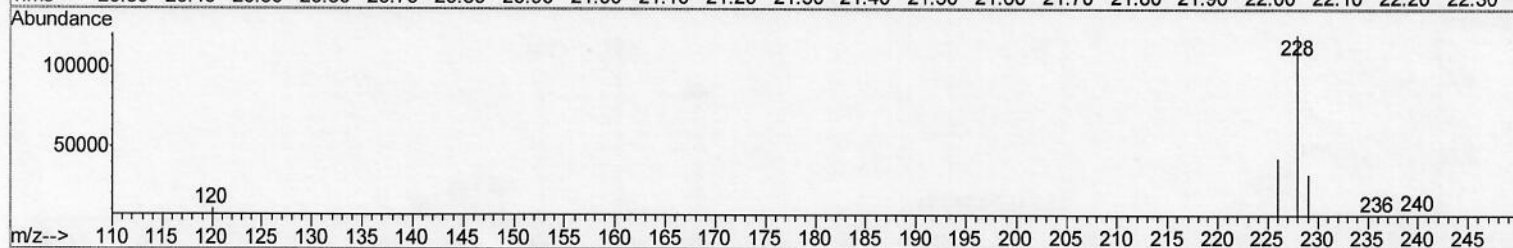
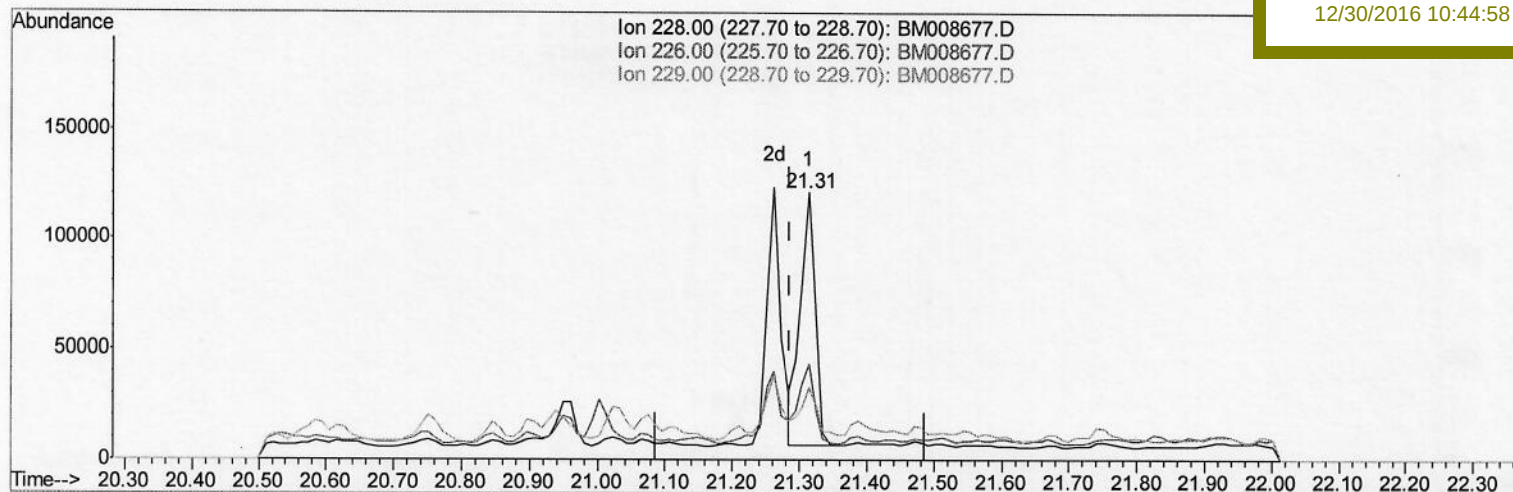
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122716\
 Data File : BM008677.D
 Acq On : 27 Dec 2016 17:18
 Operator : UM/SJ
 Sample : H5995-09
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Quant Time: Dec 28 04:14:10 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 28 03:24:04 2016
 Response via : Initial Calibration

Instrument :
 BNA_M
 ClientSampleId :
 DA874

Manual Integrations
 APPROVED

sohil
 12/30/2016 10:44:58 AM



TIC: BM008677.D

(18) Benzo(a)anthracene
 21.314min (+0.028) 11.80ng/ul
 response 178714

Ion	Exp%	Act%
228.00	100	100
226.00	28.50	35.69#
229.00	21.30	27.06#
0.00	0.00	0.00

Quantitation Report (Qedit)

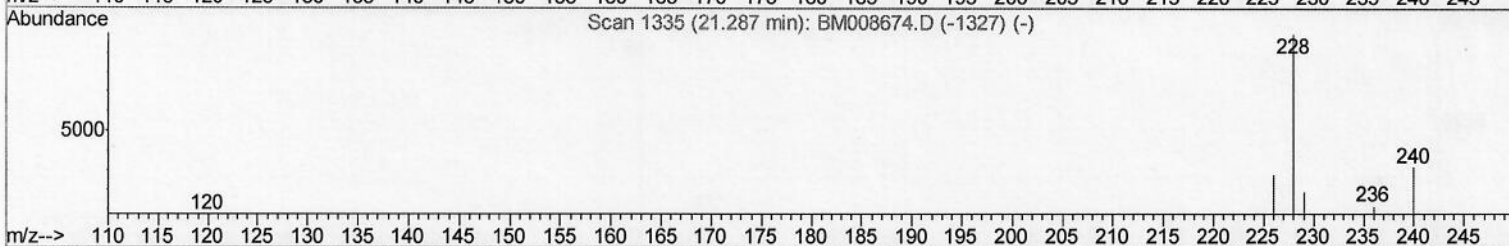
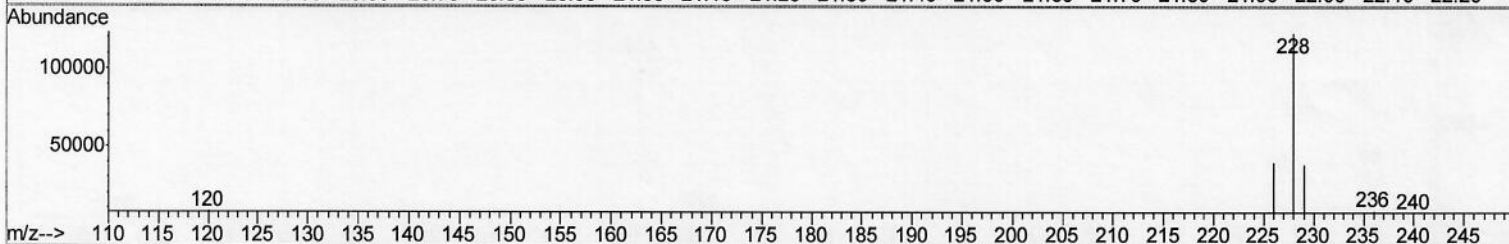
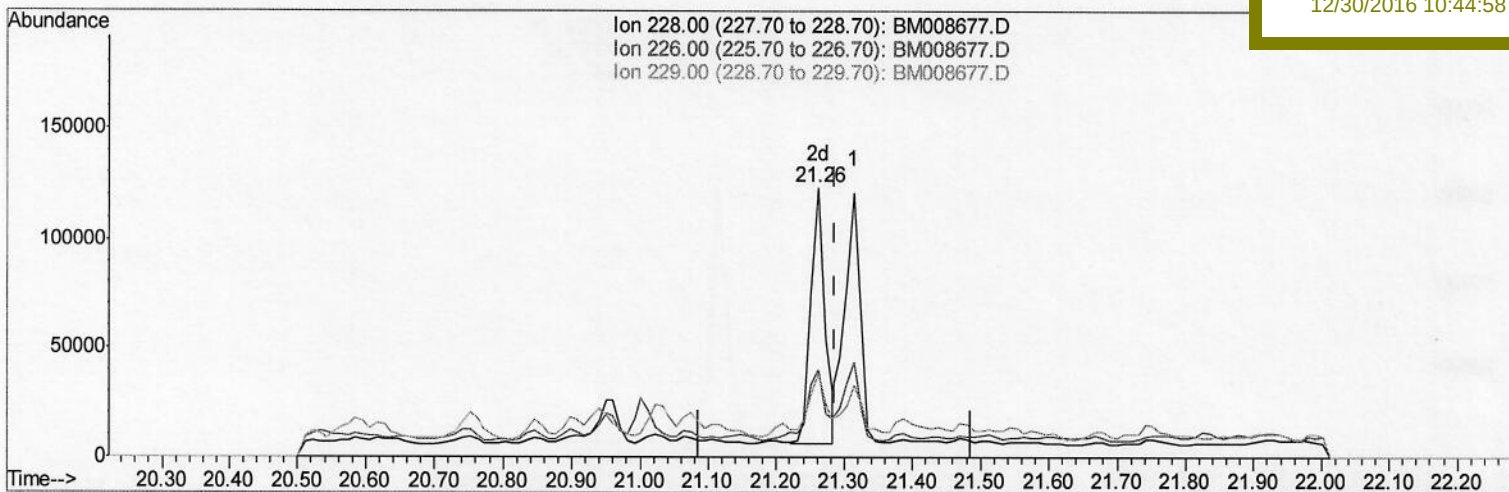
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122716\
 Data File : BM008677.D
 Acq On : 27 Dec 2016 17:18
 Operator : UM/SJ
 Sample : H5995-09
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Quant Time: Dec 28 04:14:10 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 28 03:24:04 2016
 Response via : Initial Calibration

Instrument :
 BNA_M
 ClientSampleId :
 DA874

Manual Integrations
 APPROVED

sohil
 12/30/2016 10:44:58 AM



TIC: BM008677.D

(18) Benzo(a)anthracene

21.262min (-0.024) 11.17ng/ul m

response 169220

S-J
 12/30/16

Ion	Exp%	Act%
228.00	100	100
226.00	28.50	32.35
229.00	21.30	30.88#
0.00	0.00	0.00

Quantitation Report (Qedit)

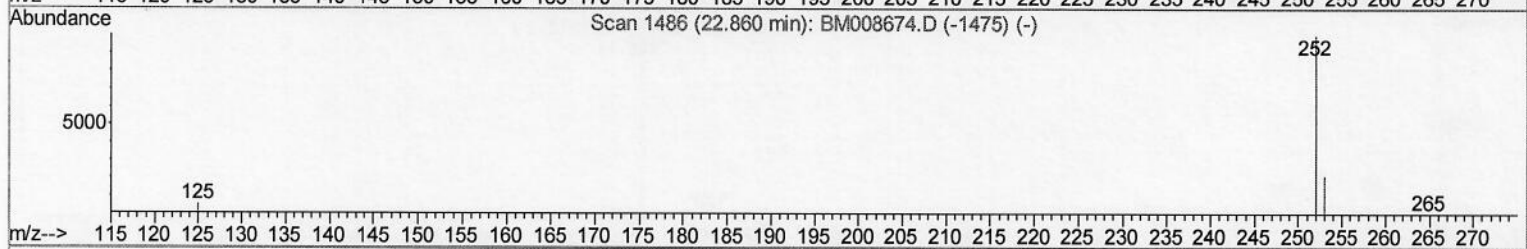
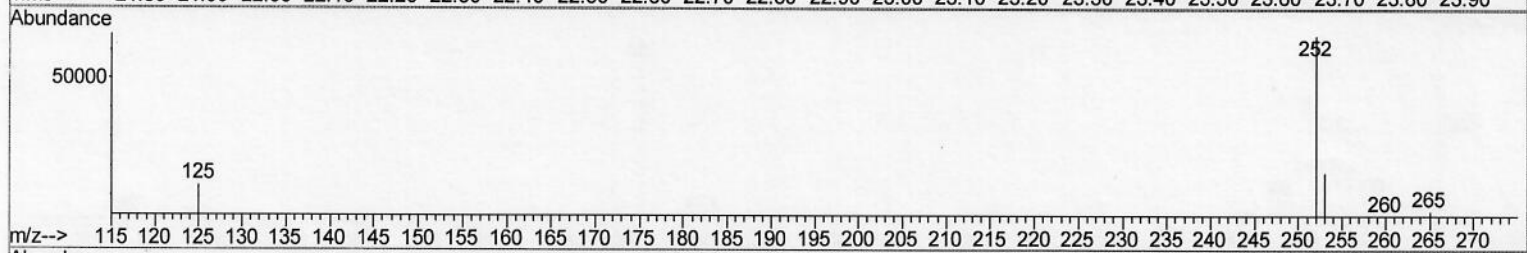
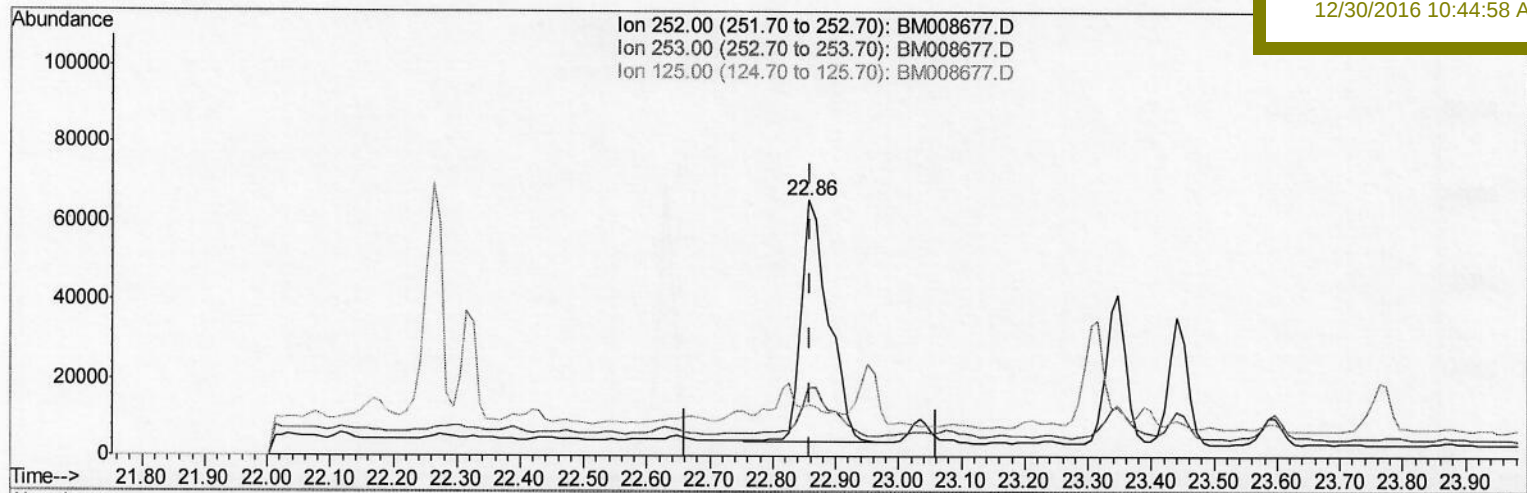
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122716\
 Data File : BM008677.D
 Acq On : 27 Dec 2016 17:18
 Operator : UM/SJ
 Sample : H5995-09
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Quant Time: Dec 28 04:14:10 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 28 03:24:04 2016
 Response via : Initial Calibration

Instrument :
 BNA_M
 ClientSampleId :
 DA874

Manual Integrations
 APPROVED

sohil
 12/30/2016 10:44:58 AM



TIC: BM008677.D

(21) Benzo(b)fluoranthene

22.857min (-0.003) 24.67ng/ul

response 187764

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	27.40
125.00	17.50	20.63
0.00	0.00	0.00

Quantitation Report (Qedit)

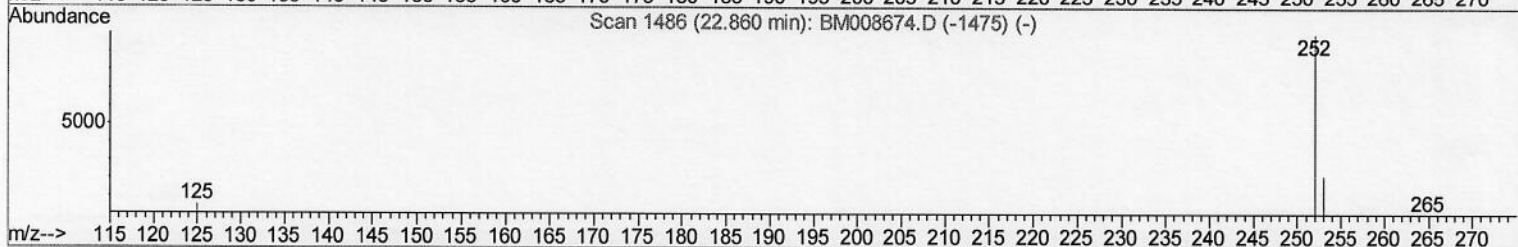
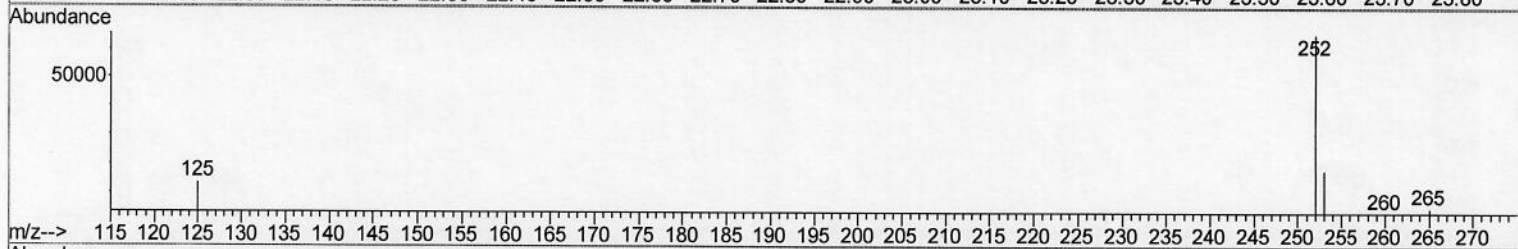
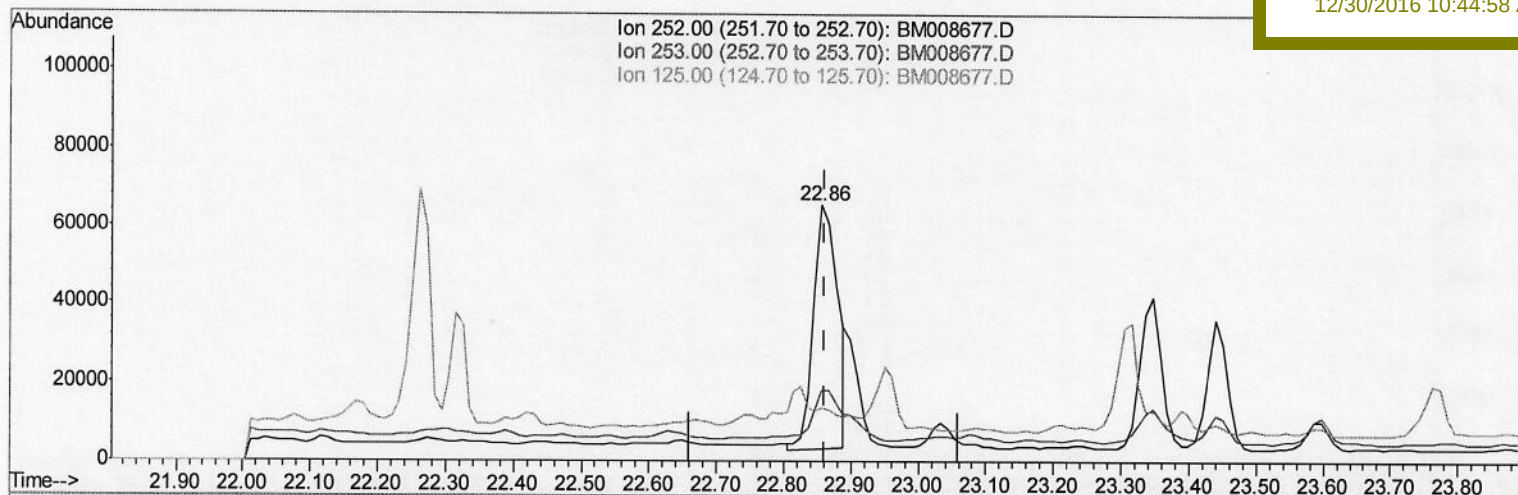
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122716\
Data File : BM008677.D
Acq On : 27 Dec 2016 17:18
Operator : UM/SJ
Sample : H5995-09
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Dec 28 04:14:10 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 28 03:24:04 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
DA874

Manual Integrations
APPROVED

sohil
12/30/2016 10:44:58 AM



TIC: BM008677.D

(21) Benzo(b)fluoranthene

22.857min (-0.003) 20.40ng/ul m

response 155244

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	27.40
125.00	17.50	20.63
0.00	0.00	0.00

S.J
12/30/16

Quantitation Report (Qedit)

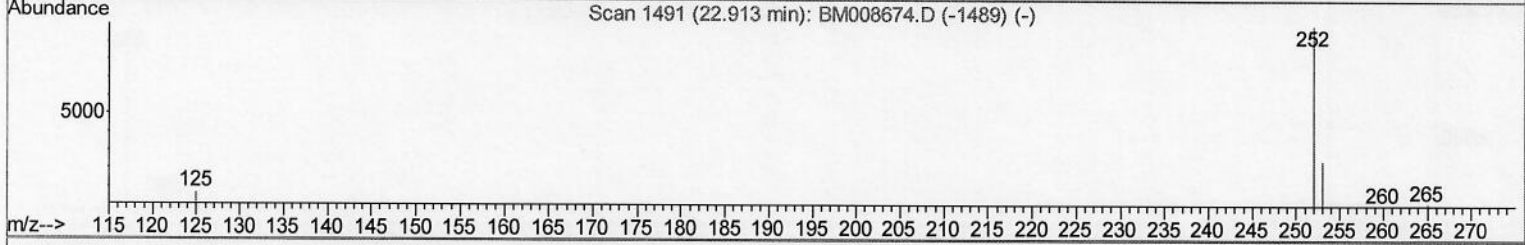
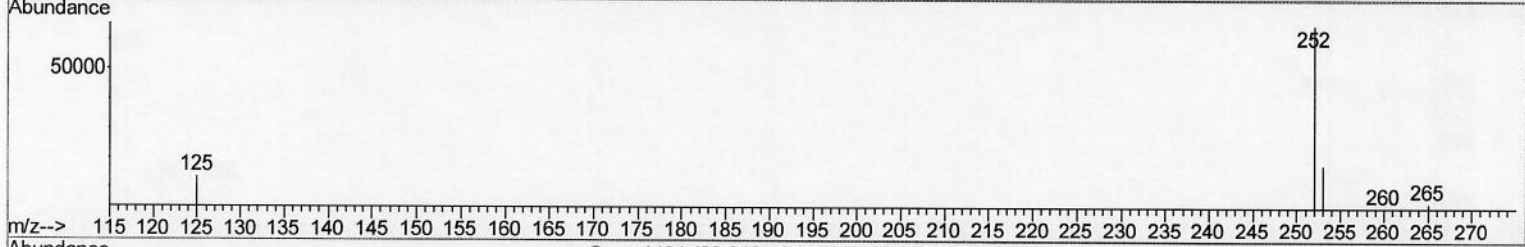
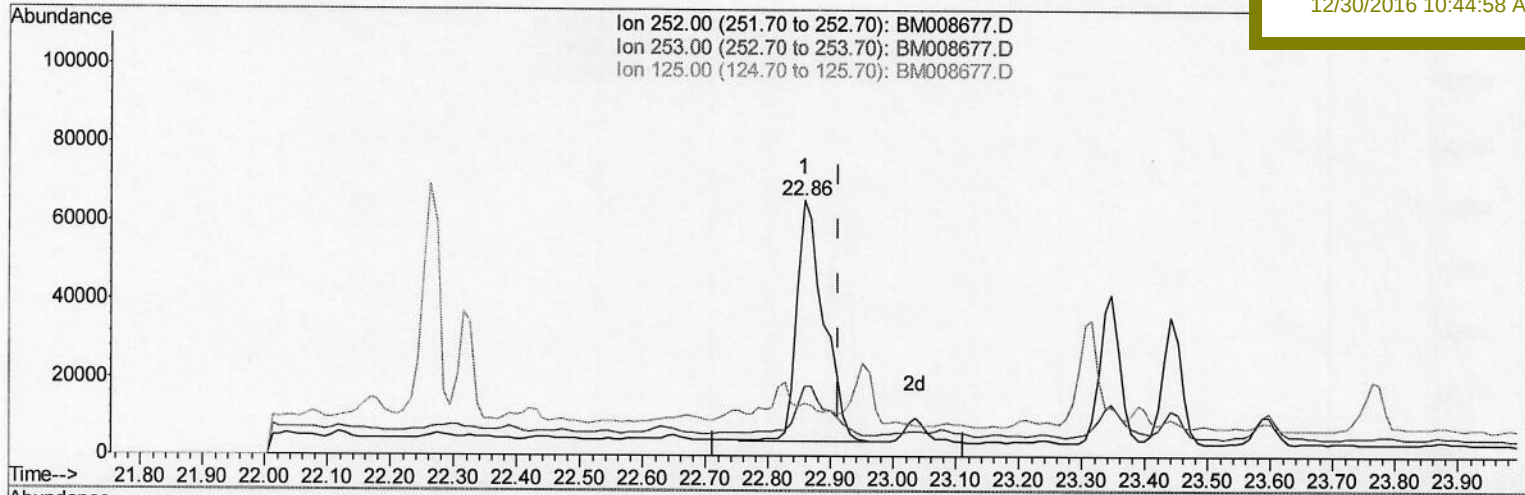
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122716\
 Data File : BM008677.D
 Acq On : 27 Dec 2016 17:18
 Operator : UM/SJ
 Sample : H5995-09
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
ClientSampleId :
 DA874

Quant Time: Dec 28 04:14:10 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 28 03:24:04 2016
 Response via : Initial Calibration

Manual Integrations
APPROVED

sohil
 12/30/2016 10:44:58 AM



(22) Benzo(k)fluoranthene
 22.857min (-0.056) 25.33ng/ul
 response 187964

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	27.40
125.00	17.10	20.63#
0.00	0.00	0.00

Quantitation Report (Qedit)

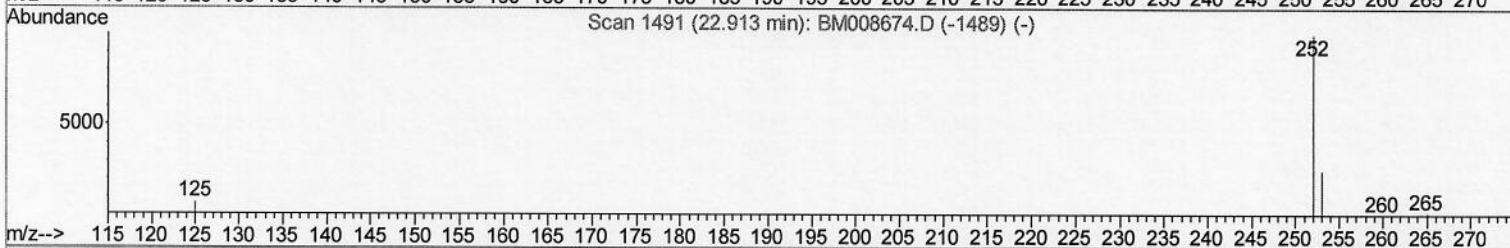
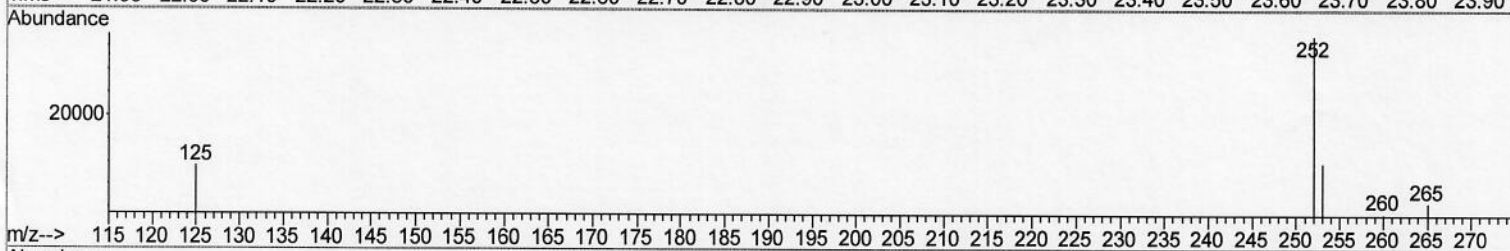
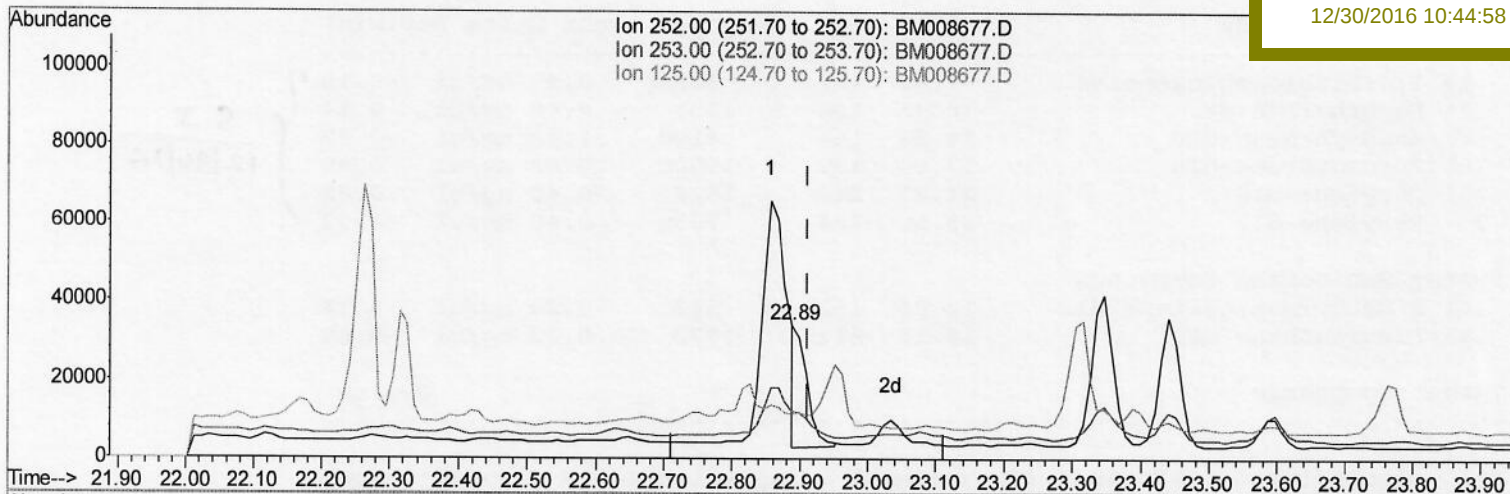
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122716\
 Data File : BM008677.D
 Acq On : 27 Dec 2016 17:18
 Operator : UM/SJ
 Sample : H5995-09
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Quant Time: Dec 28 04:14:10 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 28 03:24:04 2016
 Response via : Initial Calibration

Instrument :
 BNA_M
 ClientSampleId :
 DA874

Manual Integrations
 APPROVED

sohil
 12/30/2016 10:44:58 AM



TIC: BM008677.D

(22) Benzo(k)fluoranthene

22.888min (-0.024) 5.00ng/ul m

response 37123

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	35.13
125.00	17.10	33.05#
0.00	0.00	0.00

S.J
 12/30/16

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122716\
 Data File : BM008677.D
 Acq On : 27 Dec 2016 17:18
 Operator : UM/SJ
 Sample : H5995-09
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA874

Quant Time: Dec 28 04:18:52 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 28 03:24:04 2016
 Response via : Initial Calibration

Manual Integrations
 APPROVED

sohil
 12/30/2016 10:44:58 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	488m	0.40	ng/ul	-0.20
2) Naphthalene-d8	10.40	136	4630m	0.40	ng/ul	-0.17
6) Acenaphthene-d10	14.18	164	11700m	0.40	ng/ul	-0.17
10) Phenanthrene-d10	17.02	188	45626m	0.40	ng/ul	-0.10
16) Chrysene-d12	21.12	240	4612m	0.40	ng/ul	-0.18
20) Perylene-d12	23.55	264	1932	0.40	ng/ul	0.00

System Monitoring Compounds

4) 2-Methylnaphthalene-d10	11.97	152	5149m	0.73	ng/ul	-0.21
14) Fluoranthene-d10	19.11	212	32407m	0.26	ng/ul	-0.04

Target Compounds

						Qvalue
3) Naphthalene	10.45	128	193556m	14.86	ng/ul	56
5) 2-Methylnaphthalene	12.09	142	842550m	96.10	ng/ul	98
8) Acenaphthene	14.37	153	83208	2.09	ng/ul#	69
12) Phenanthrene	17.11	178	1185577	8.51	ng/ul	98
13) Anthracene	17.19	178	51262	0.38	ng/ul#	97
15) Fluoranthene	19.14	202	771307	4.52	ng/ul	89
17) Pyrene	19.52	202	718210	40.29	ng/ul	93
18) Benzo(a)anthracene	21.26	228	169220m	11.17	ng/ul	94
19) Chrysene	21.31	228	178714	10.78	ng/ul#	88
21) Benzo(b)fluoranthene	22.86	252	155244m	20.40	ng/ul	
22) Benzo(k)fluoranthene	22.89	252	37123m	5.00	ng/ul	
23) Benzo(a)pyrene	23.44	252	67203	9.53	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.82	276	37257	4.43	ng/ul	
26) Benzo(g,h,i)perylene	26.52	276	30951	4.29	ng/ul#	

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

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122716\
Data File : BM008677.D
Acq On : 27 Dec 2016 17:18
Operator : UM/SJ
Sample : H5995-09
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Dec 28 04:18:52 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 28 03:24:04 2016
Response via : Initial Calibration

Instrument :
BNA_M
Client Sampled :
DA874

Manual Integrations
APPROVED

sohil
12/30/2016 10:44:58 AM

