

Quantitation Report (Qedit)

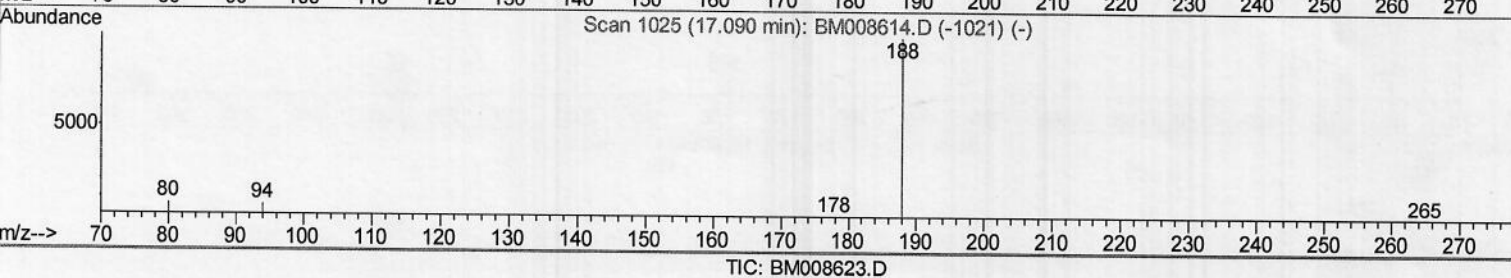
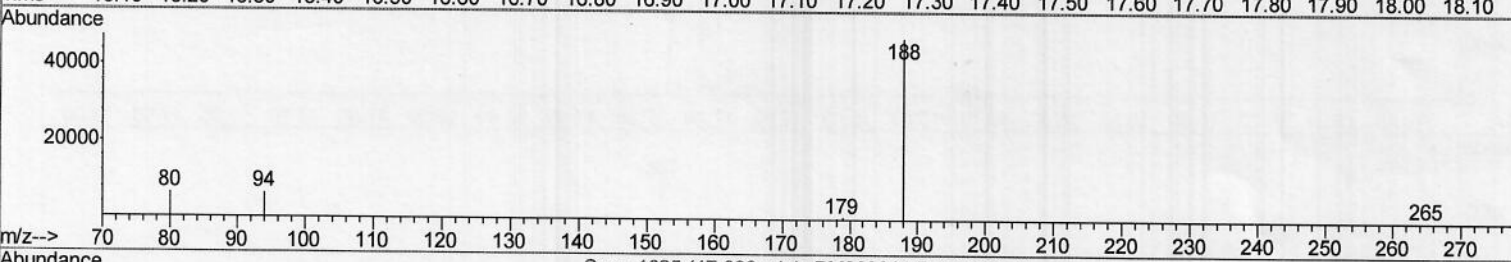
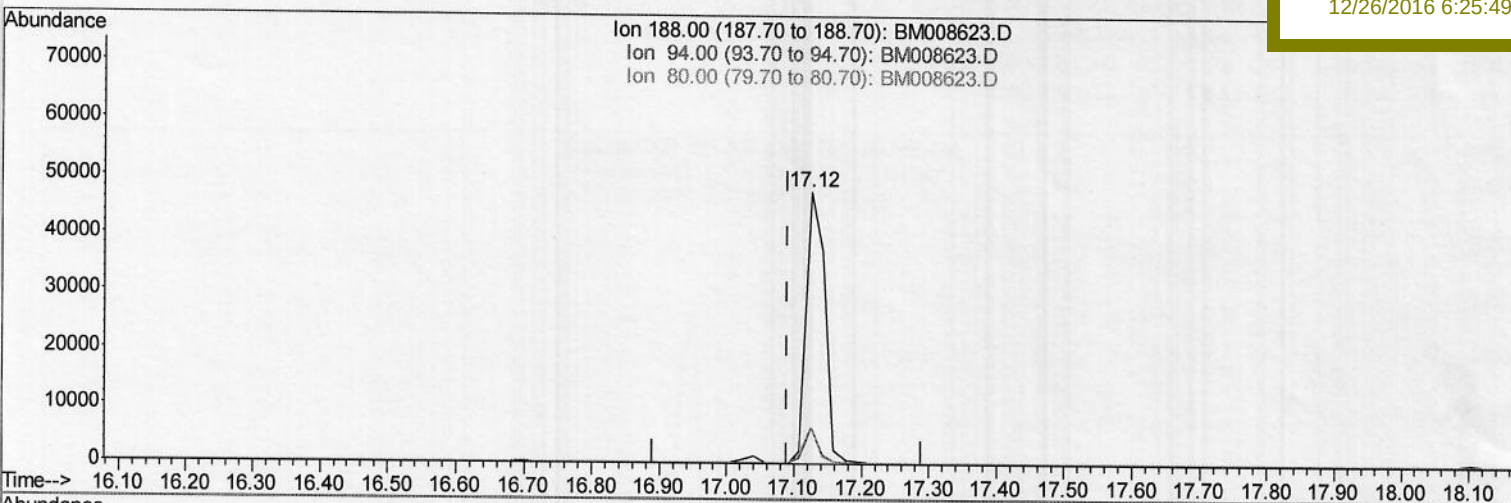
Data Path : Z:\HPCHEM1\BNA_M\Data\BM122416\
 Data File : BM008623.D
 Acq On : 24 Dec 2016 08:45
 Operator : UM/SJ
 Sample : H5995-12
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA880

Manual Integrations
 APPROVED

sohil
 12/26/2016 6:25:49 PM

Quant Time: Dec 25 01:52:04 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 24 04:56:03 2016
 Response via : Initial Calibration



(10) Phenanthrene-d10 (I)

17.125min (+0.035) 0.40ng/ul

response 91959

Ion	Exp%	Act%
188.00	100	100
94.00	11.00	13.11
80.00	11.80	13.31
0.00	0.00	0.00

Quantitation Report (Qedit)

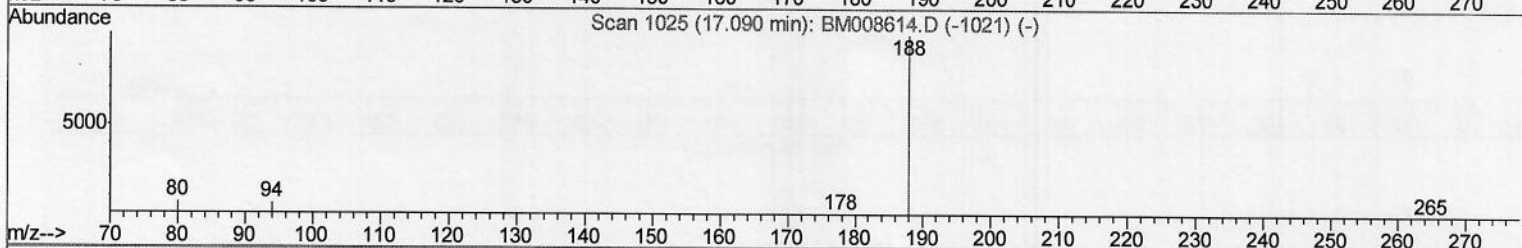
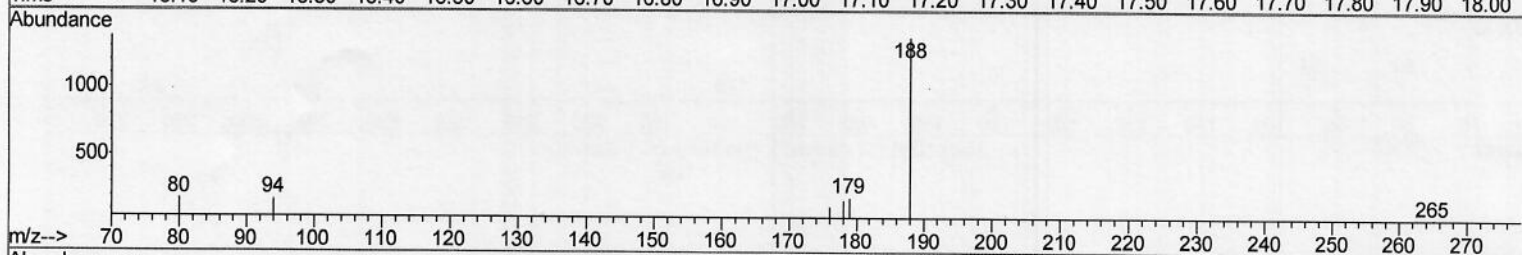
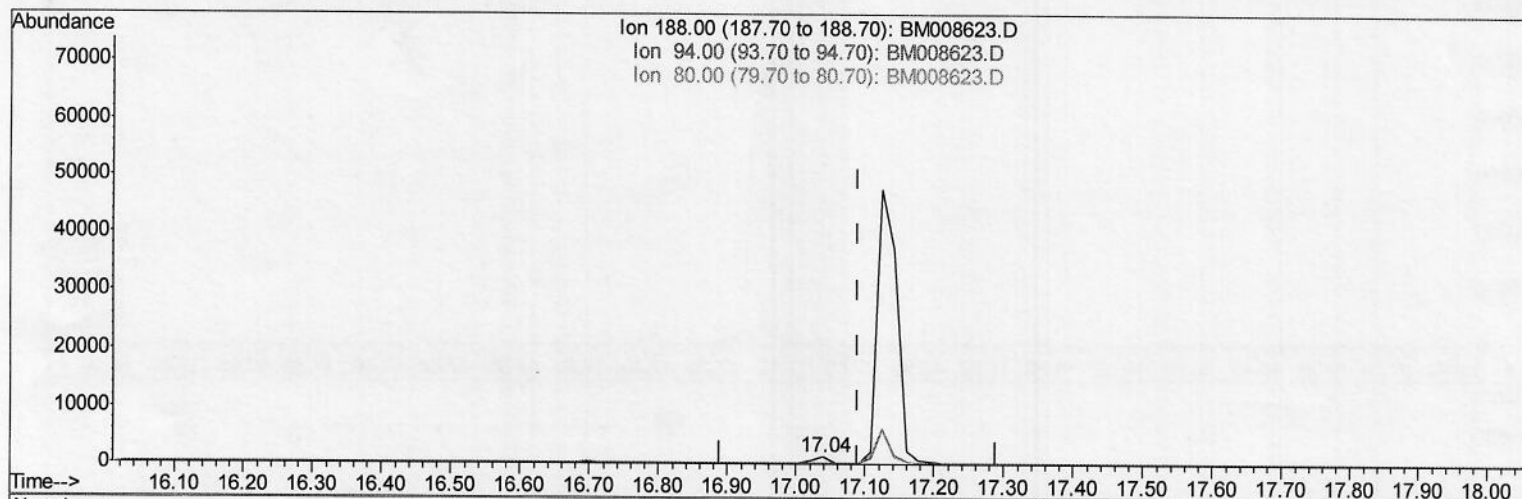
Data Path : Z:\HPCHEM1\BNA_M\Data\BM122416\
 Data File : BM008623.D
 Acq On : 24 Dec 2016 08:45
 Operator : UM/SJ
 Sample : H5995-12
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA880

Manual Integrations
 APPROVED

sohil
 12/26/2016 6:25:49 PM

Quant Time: Dec 25 01:53:36 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 24 04:56:03 2016
 Response via : Initial Calibration



TIC: BM008623.D

(10) Phenanthrene-d10 (I)

17.039min (-0.051) 0.40ng/ul m

response 2007

Ion	Exp%	Act%
188.00	100	100
94.00	11.00	13.08
80.00	11.80	13.29
0.00	0.00	0.00

> 5.7
 12/27/16

Quantitation Report (Qedit)

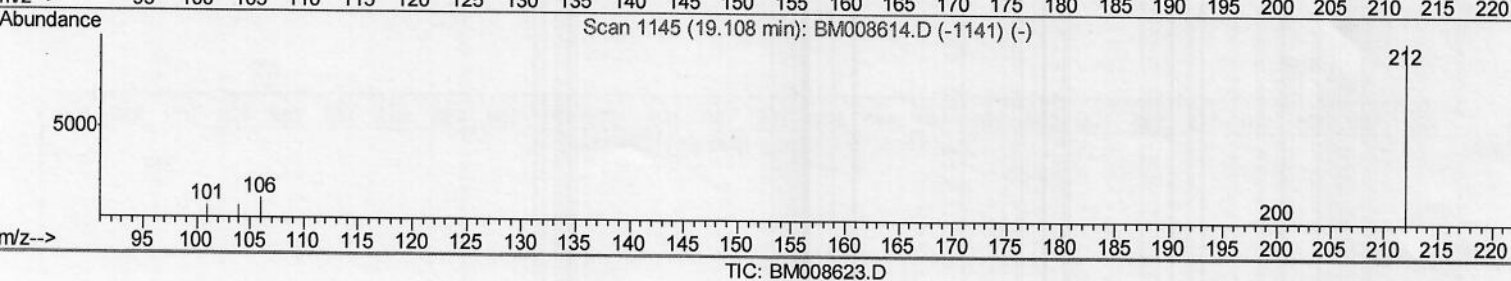
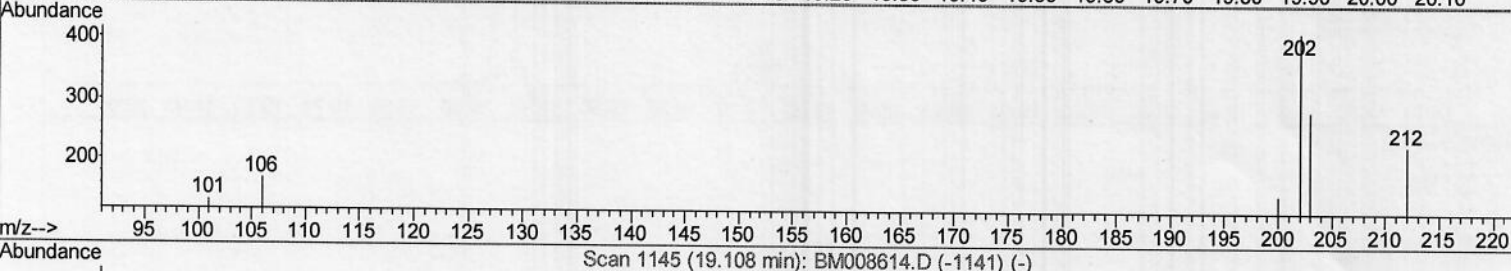
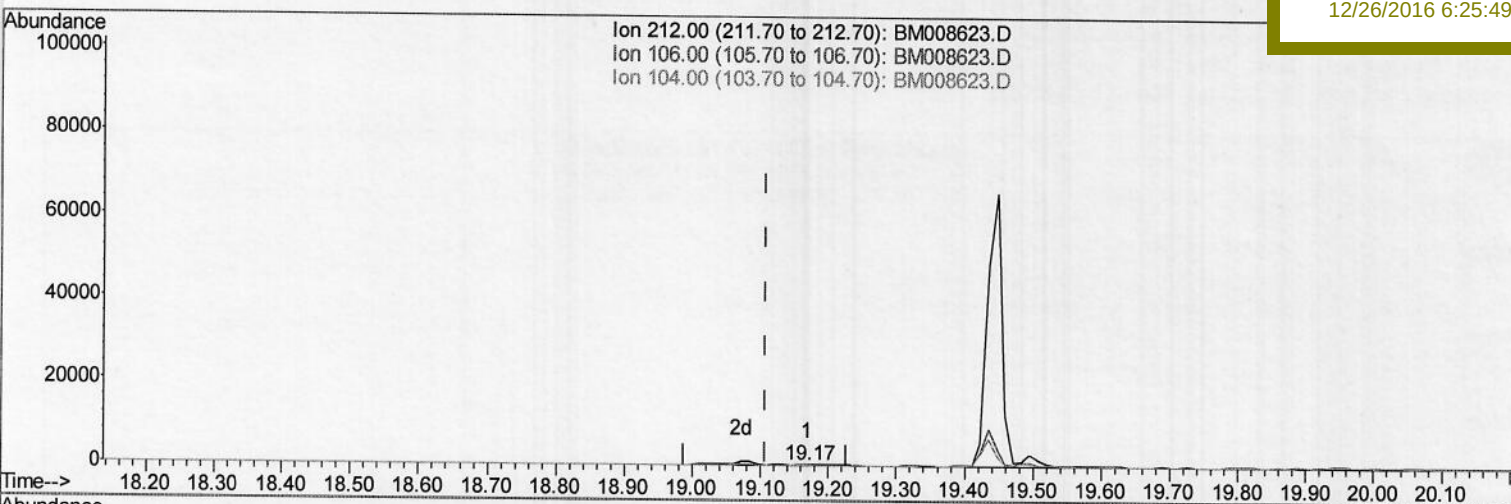
Data Path : Z:\HPCHEM1\BNA_M\Data\BM122416\
 Data File : BM008623.D
 Acq On : 24 Dec 2016 08:45
 Operator : UM/SJ
 Sample : H5995-12
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_M
ClientSampleId :
 DA880

Quant Time: Dec 25 01:53:36 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 24 04:56:03 2016
 Response via : Initial Calibration

Manual Integrations
APPROVED

sohil
 12/26/2016 6:25:49 PM



(14) Fluoranthene-d10 (SURR)

19.169min (+0.061) 0.03ng/ul

response 165

Ion	Exp%	Act%
212.00	100	100
106.00	18.30	49.70#
104.00	15.60	13.94
0.00	0.00	0.00

Quantitation Report (Qedit)

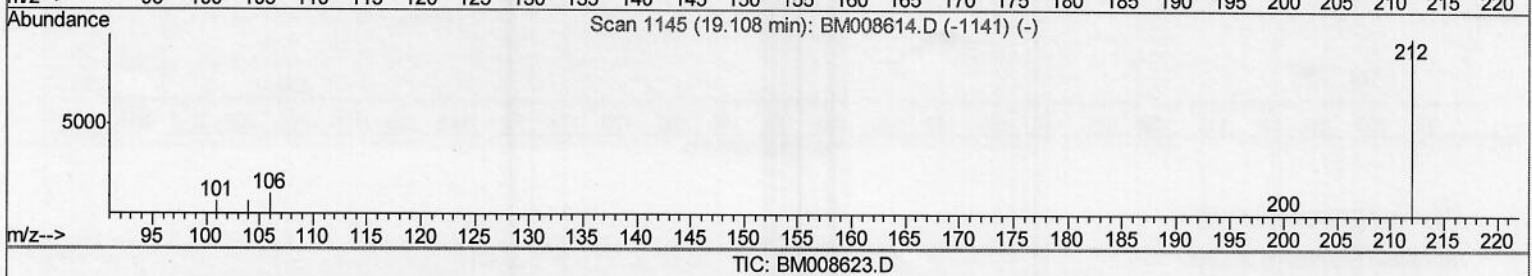
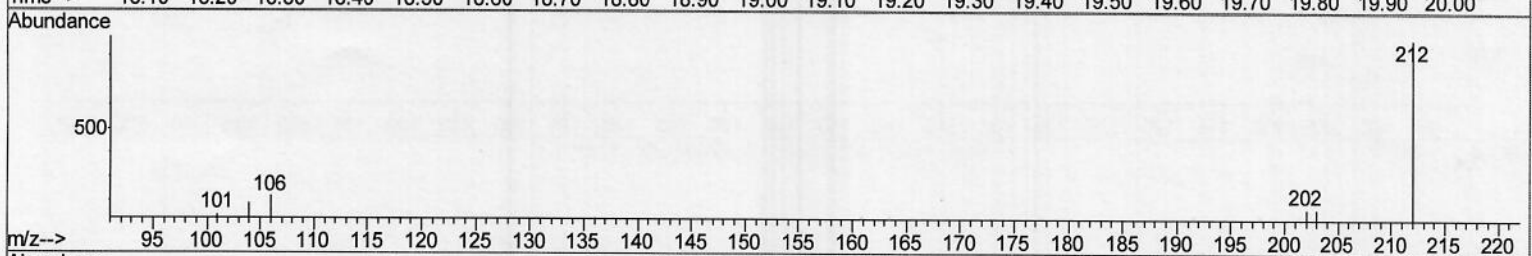
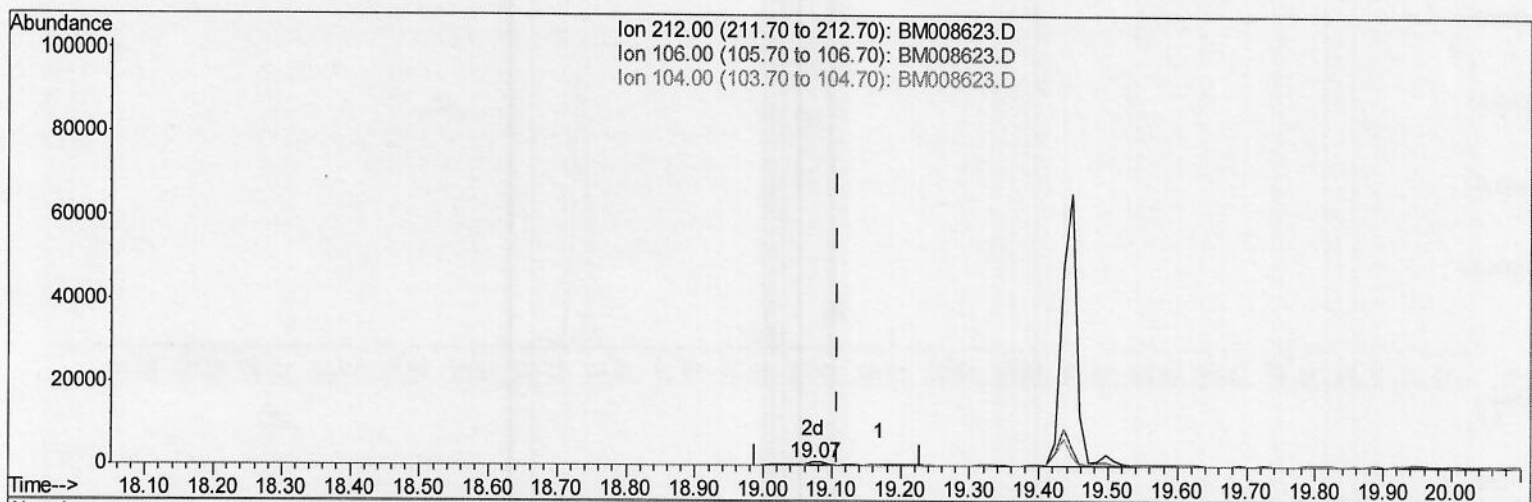
Data Path : Z:\HPCHEM1\BNA_M\Data\BM122416\
 Data File : BM008623.D
 Acq On : 24 Dec 2016 08:45
 Operator : UM/SJ
 Sample : H5995-12
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA880

Manual Integrations
 APPROVED

sohil
 12/26/2016 6:25:49 PM

Quant Time: Dec 25 01:53:36 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 24 04:56:03 2016
 Response via : Initial Calibration



(14) Fluoranthene-d10 (SURR)

19.072min (-0.036) 0.19ng/ul m

response 1040

Ion	Exp%	Act%
212.00	100	100
106.00	18.30	7.88#
104.00	15.60	2.21#
0.00	0.00	0.00

75.7
 12/27/16

Quantitation Report (Qedit)

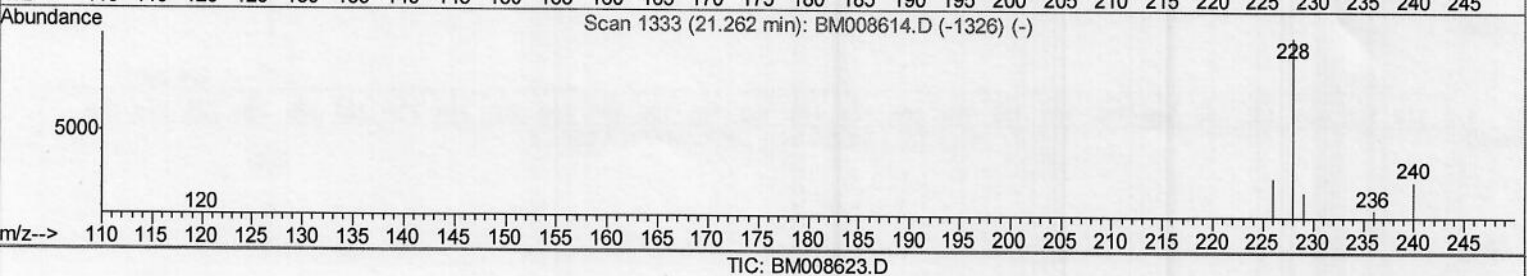
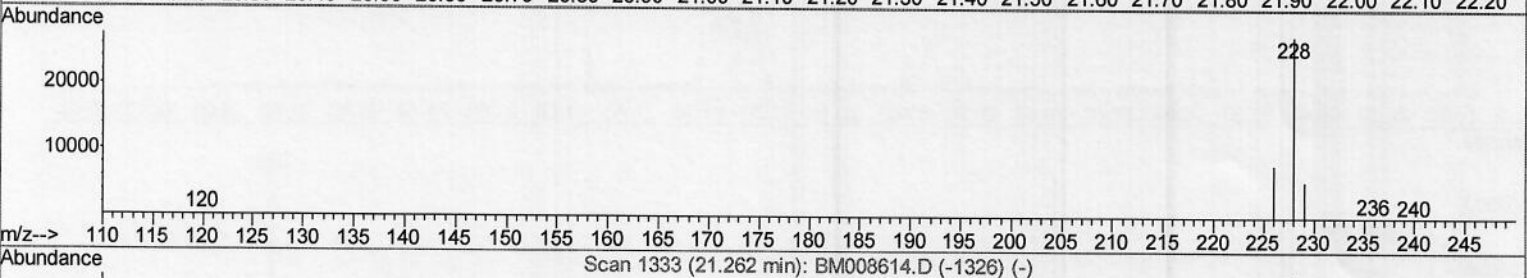
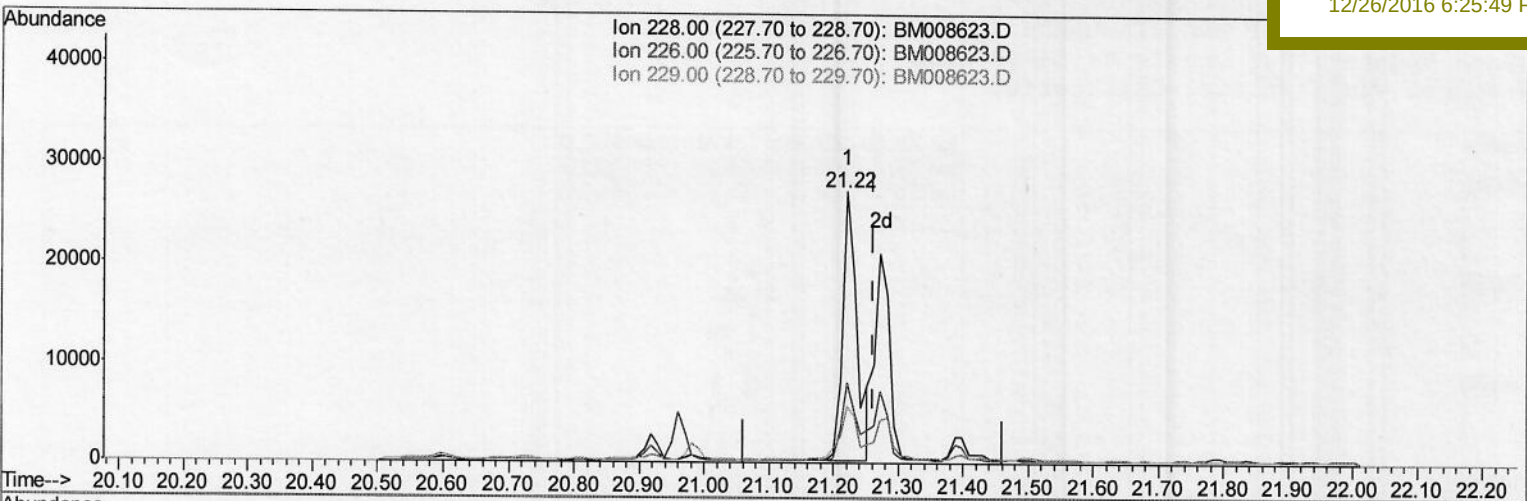
Data Path : Z:\HPCHEM1\BNA_M\Data\BM122416\
Data File : BM008623.D
Acq On : 24 Dec 2016 08:45
Operator : UM/SJ
Sample : H5995-12
Misc :
ALS Vial : 29 Sample Multiplier: 1

Quant Time: Dec 25 01:53:36 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 24 04:56:03 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
DA880

Manual Integrations
APPROVED

sohil
12/26/2016 6:25:49 PM



(18) Benzo(a)anthracene

21.221min (-0.041) 6.57ng/ul

response 42357

Ion	Exp%	Act%
228.00	100	100
226.00	28.50	29.47
229.00	21.30	20.66
0.00	0.00	0.00

Quantitation Report (Qedit)

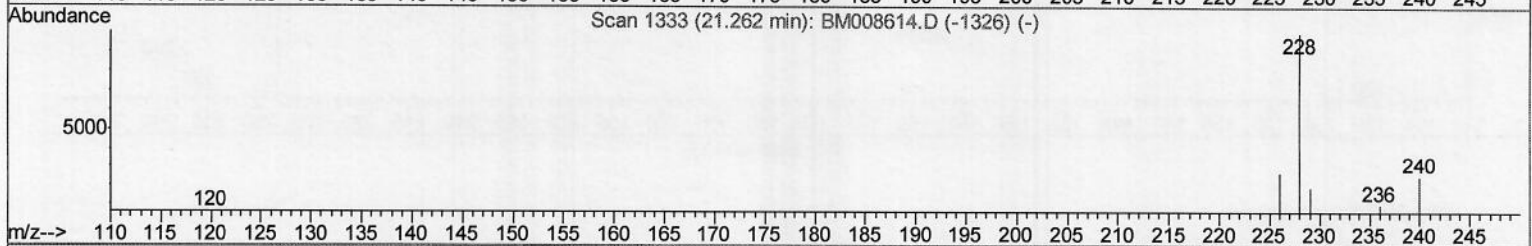
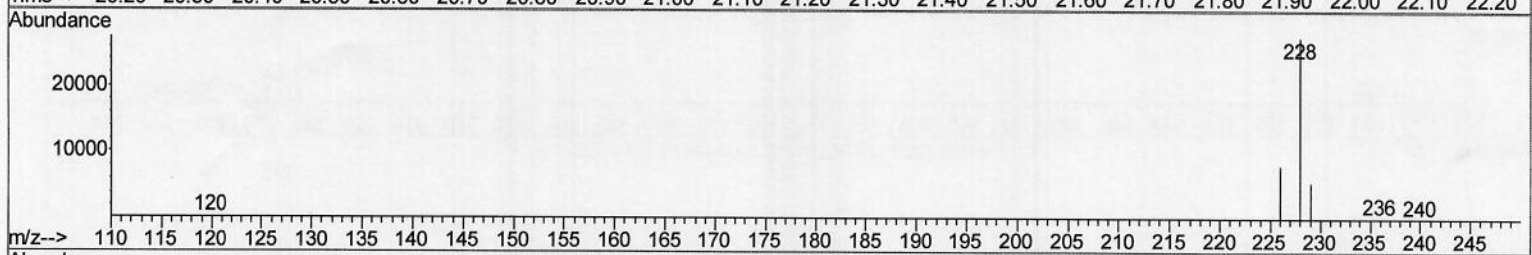
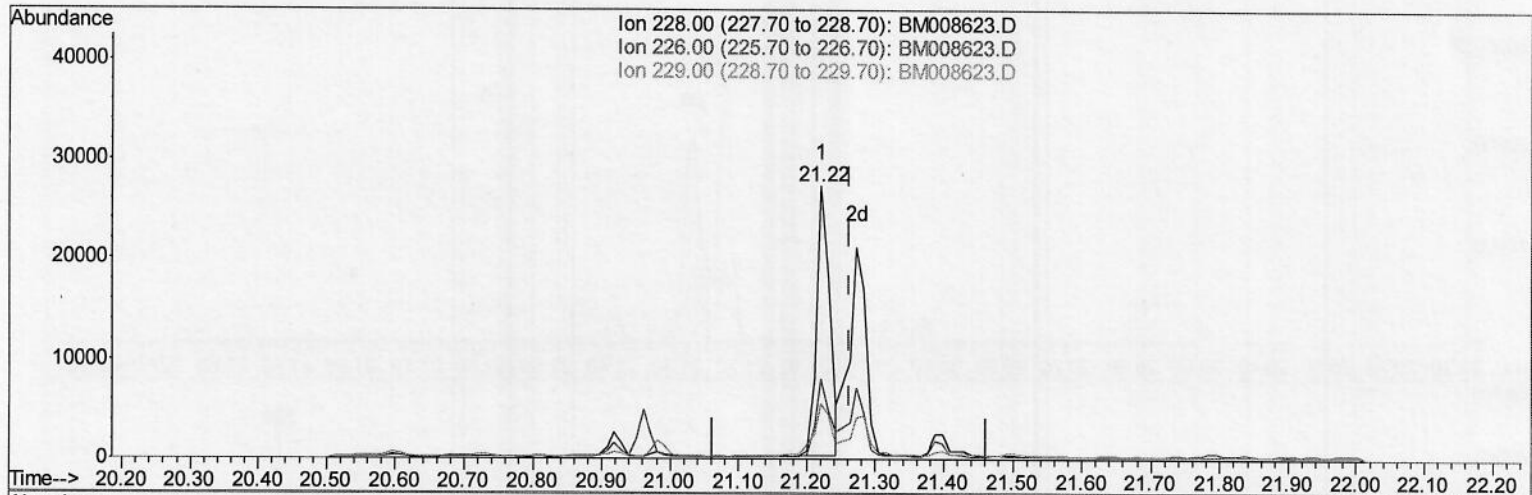
Data Path : Z:\HPCHEM1\BNA_M\Data\BM122416\
 Data File : BM008623.D
 Acq On : 24 Dec 2016 08:45
 Operator : UM/SJ
 Sample : H5995-12
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_M
 Client Sampled :
 DA880

Manual Integrations
 APPROVED

sohil
 12/26/2016 6:25:49 PM

Quant Time: Dec 25 01:53:36 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 24 04:56:03 2016
 Response via : Initial Calibration



TIC: BM008623.D

(18) Benzo(a)anthracene

21.221min (-0.041) 5.73ng/ul m

response 36908

Ion	Exp%	Act%
228.00	100	100
226.00	28.50	29.47
229.00	21.30	20.66
0.00	0.00	0.00

75.7
 12/27/16

Quantitation Report (Qedit)

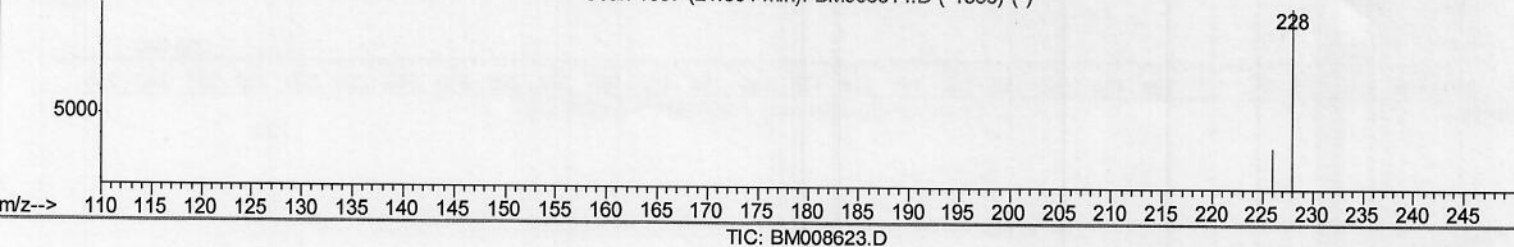
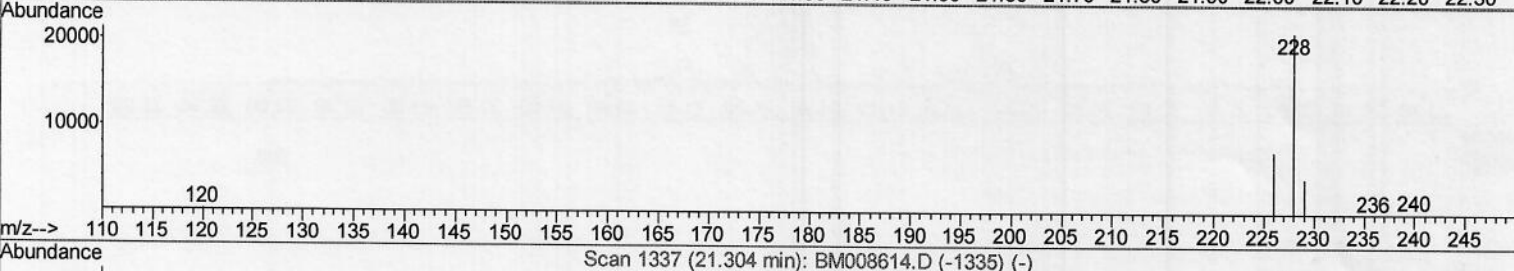
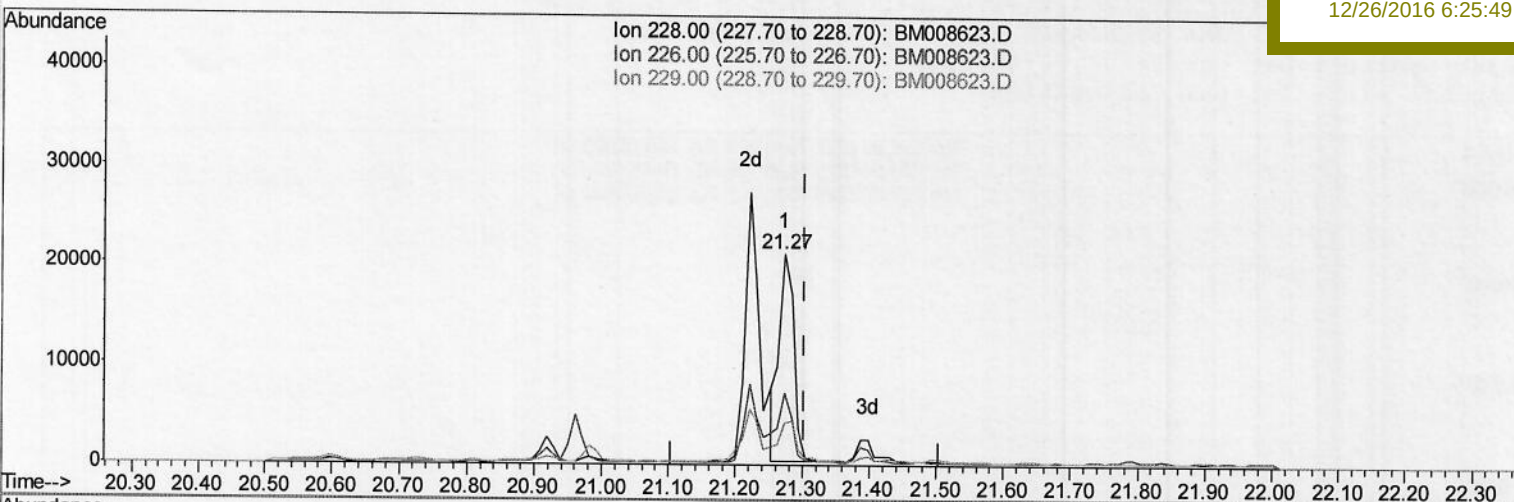
Data Path : Z:\HPCHEM1\BNA_M\Data\BM122416\
 Data File : BM008623.D
 Acq On : 24 Dec 2016 08:45
 Operator : UM/SJ
 Sample : H5995-12
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA880

Quant Time: Dec 25 01:53:36 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 24 04:56:03 2016
 Response via : Initial Calibration

Manual Integrations
 APPROVED

sohil
 12/26/2016 6:25:49 PM



(19) Chrysene

21.273min (-0.031) 4.56ng/ul

response 32157

Ion	Exp%	Act%
228.00	100	100
226.00	29.20	34.15
229.00	22.10	19.86
0.00	0.00	0.00

Quantitation Report (Qedit)

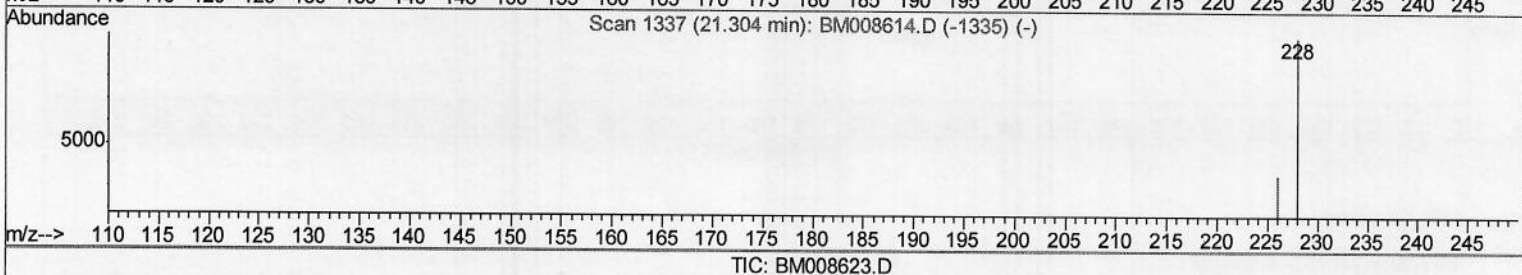
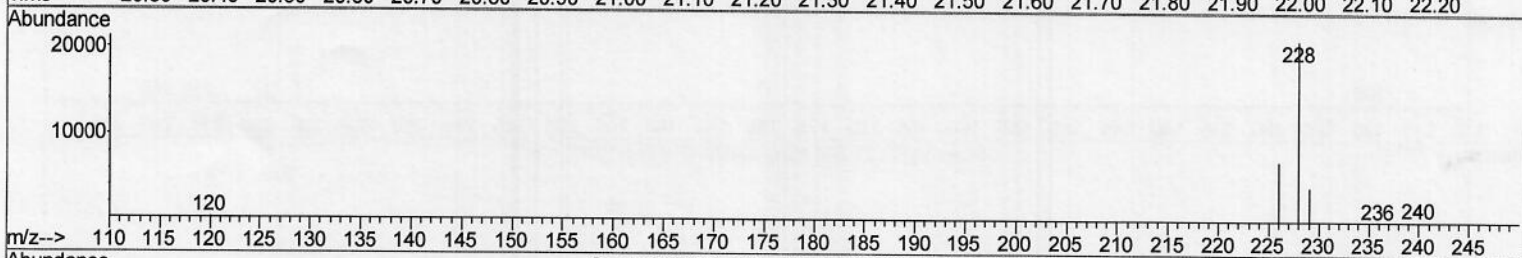
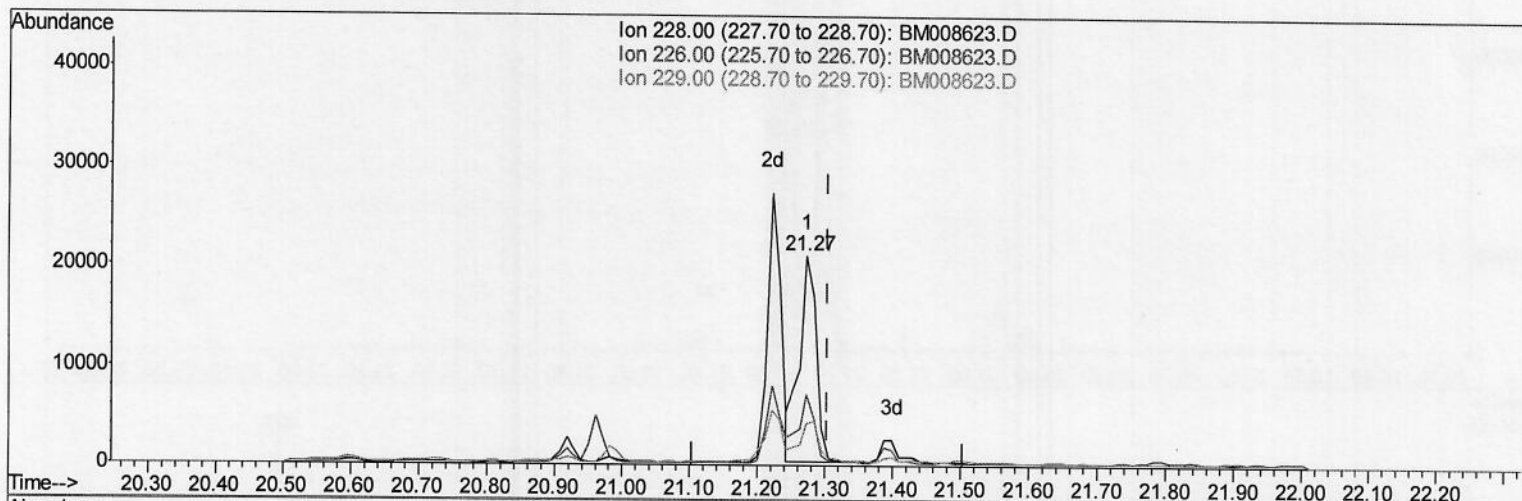
Data Path : Z:\HPCHEM1\BNA_M\Data\BM122416\
 Data File : BM008623.D
 Acq On : 24 Dec 2016 08:45
 Operator : UM/SJ
 Sample : H5995-12
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_M
 Client Sampled :
 DA880

Manual Integrations
 APPROVED

sohil
 12/26/2016 6:25:49 PM

Quant Time: Dec 25 01:53:36 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 24 04:56:03 2016
 Response via : Initial Calibration



(19) Chrysene

21.273min (-0.031) 5.17ng/ul m

response 36467

Ion Exp% Act%

228.00	100	100
226.00	29.20	34.15
229.00	22.10	19.86
0.00	0.00	0.00

5.1
 12/27/16

TIC: BM008623.D

Quantitation Report (Qedit)

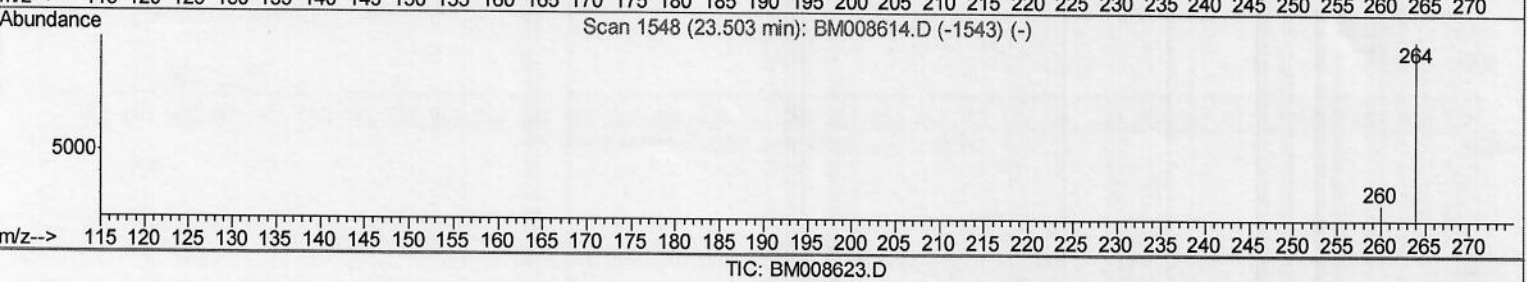
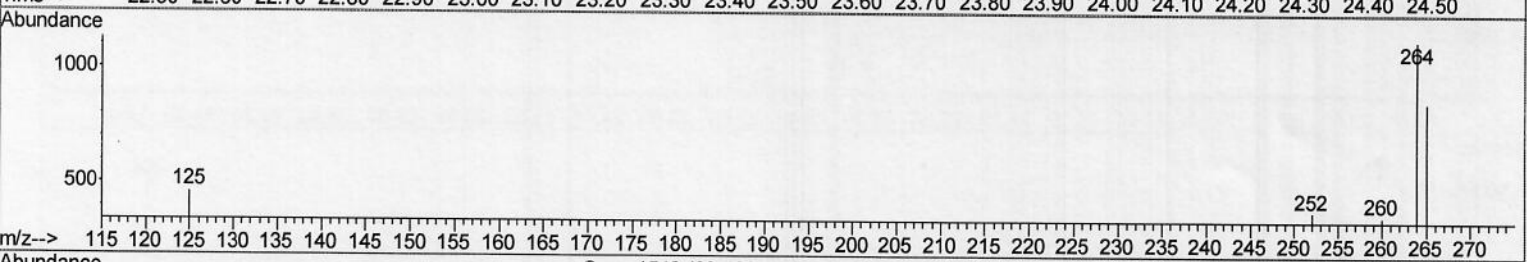
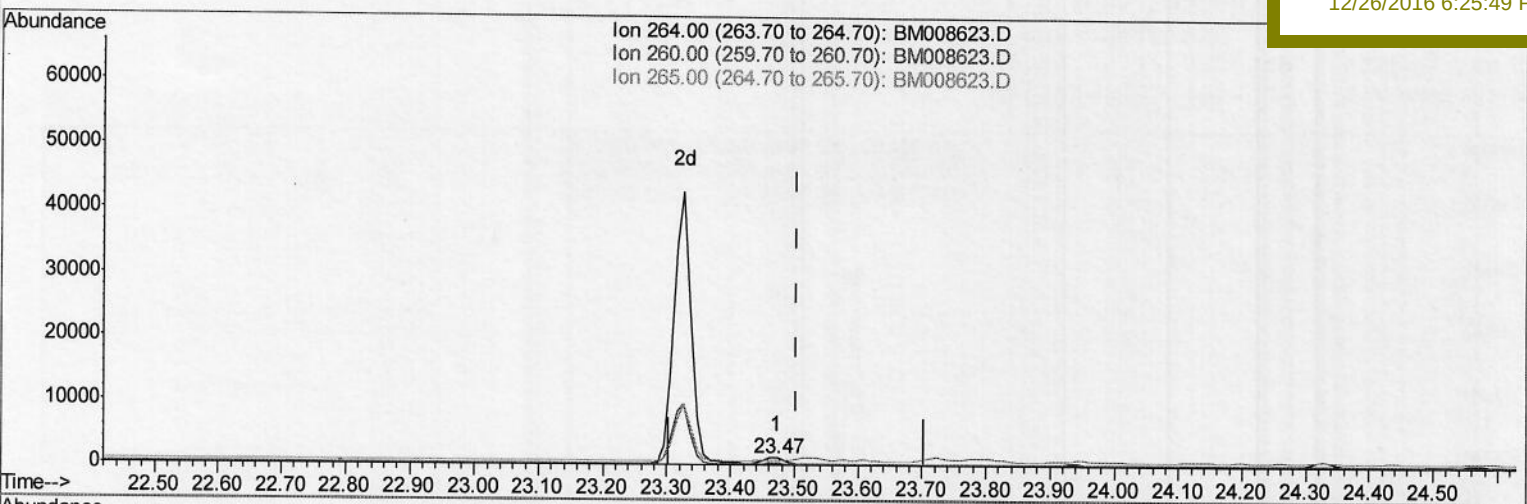
Data Path : Z:\HPCHEM1\BNA_M\Data\BM122416\
 Data File : BM008623.D
 Acq On : 24 Dec 2016 08:45
 Operator : UM/SJ
 Sample : H5995-12
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA880

Manual Integrations
 APPROVED

sohil
 12/26/2016 6:25:49 PM

Quant Time: Dec 25 01:53:36 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 24 04:56:03 2016
 Response via : Initial Calibration



(20) Perylene-d12 (I)

23.472min (-0.031) 0.40ng/ul

response 2669

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	32.09
265.00	103.50	75.98#
0.00	0.00	0.00

Quantitation Report (Qedit)

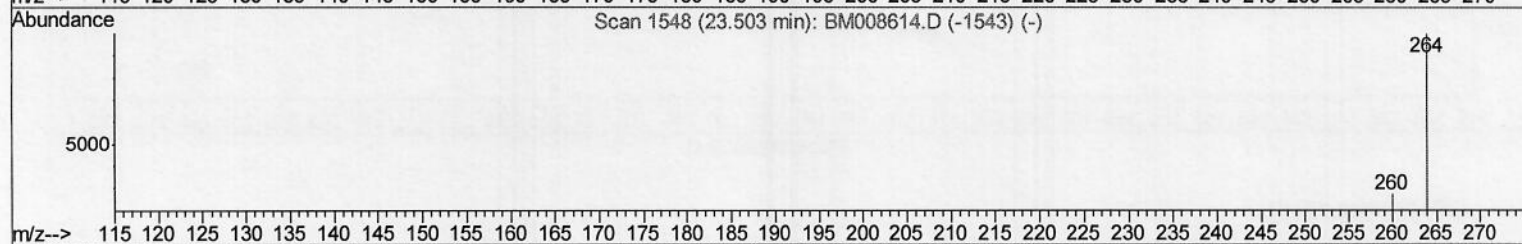
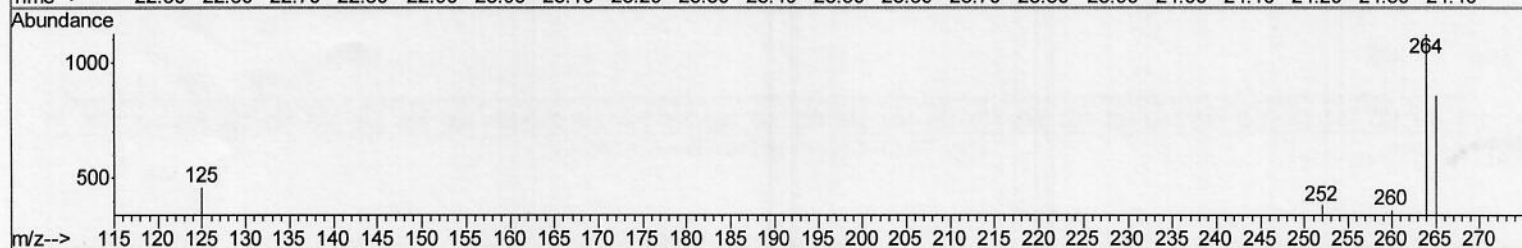
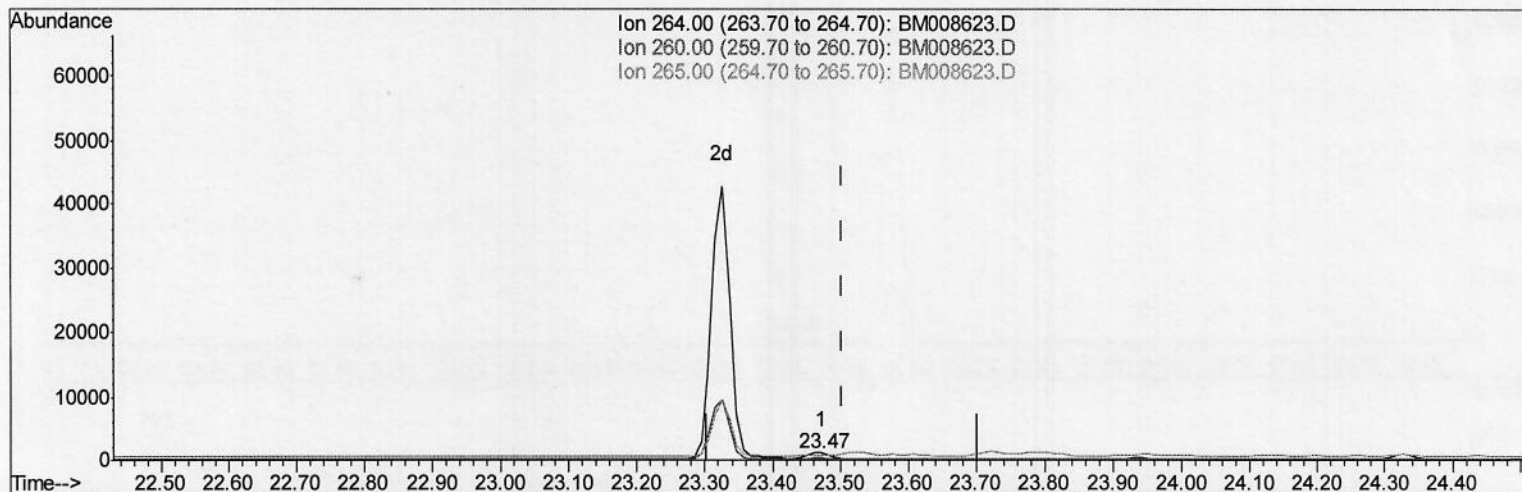
Data Path : Z:\HPCHEM1\BNA_M\Data\BM122416\
 Data File : BM008623.D
 Acq On : 24 Dec 2016 08:45
 Operator : UM/SJ
 Sample : H5995-12
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampled :
 DA880

Manual Integrations
 APPROVED

sohil
 12/26/2016 6:25:49 PM

Quant Time: Dec 25 01:53:36 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 24 04:56:03 2016
 Response via : Initial Calibration



TIC: BM008623.D

(20) Perylene-d12 (I)

23.472min (-0.031) 0.40ng/ul m

response 1709

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	32.09
265.00	103.50	75.98#
0.00	0.00	0.00

> 9.7
 12/27/16

Quantitation Report (Qedit)

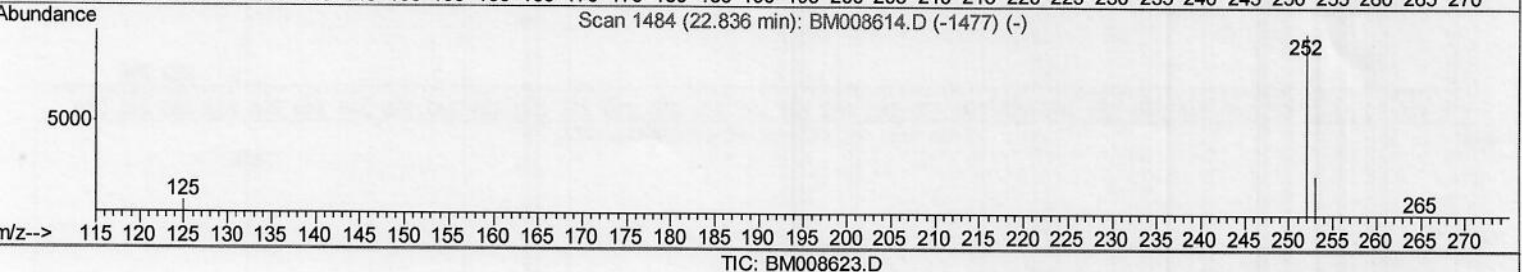
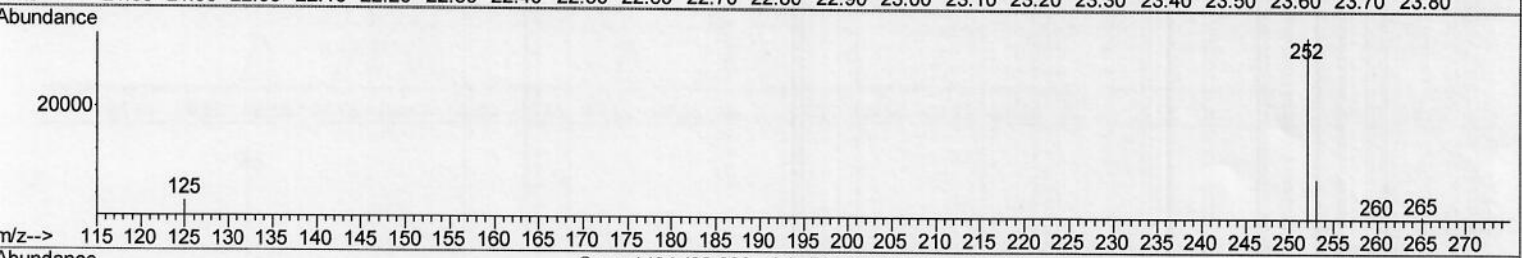
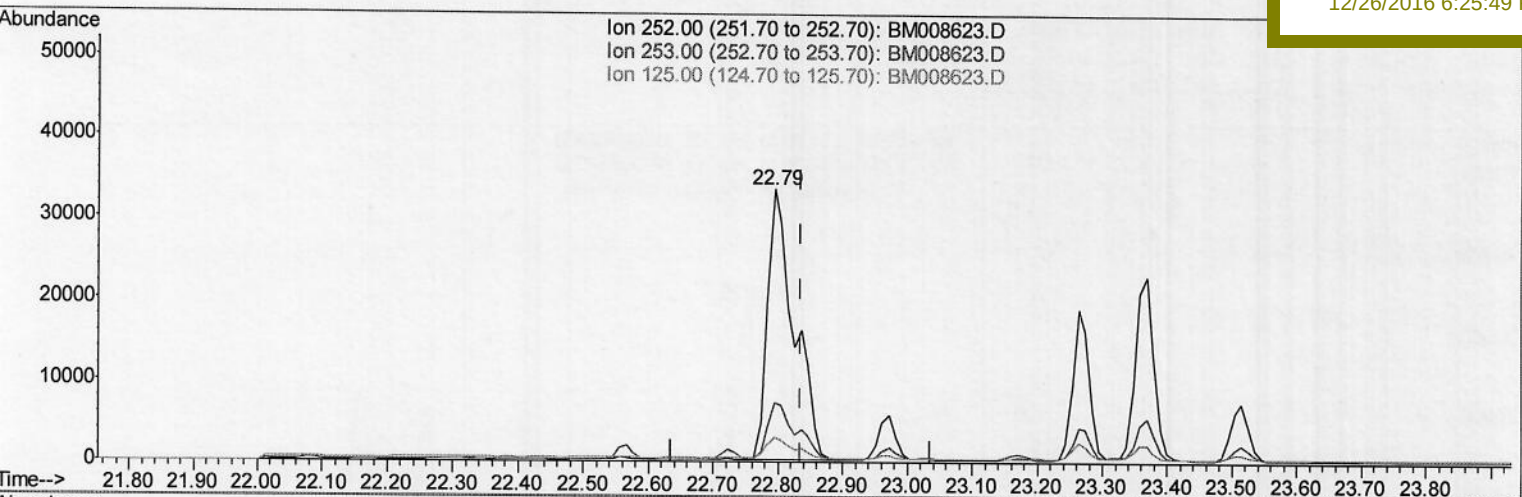
Data Path : Z:\HPCHEM1\BNA_M\Data\BM122416\
 Data File : BM008623.D
 Acq On : 24 Dec 2016 08:45
 Operator : UM/SJ
 Sample : H5995-12
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA880

Manual Integrations
 APPROVED

sohil
 12/26/2016 6:25:49 PM

Quant Time: Dec 25 01:53:36 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 24 04:56:03 2016
 Response via : Initial Calibration



(21) Benzo(b)fluoranthene
 22.795min (-0.041) 14.23ng/ul
 response 95797

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	21.99
125.00	17.50	8.91
0.00	0.00	0.00

Quantitation Report (Qedit)

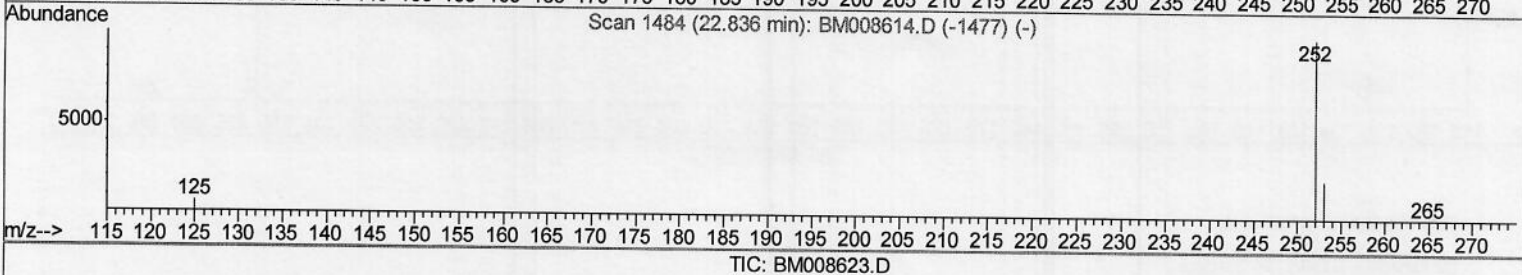
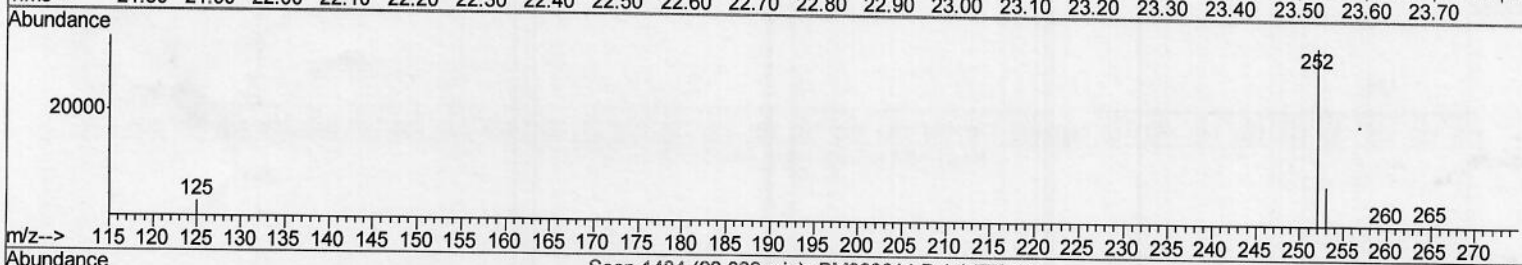
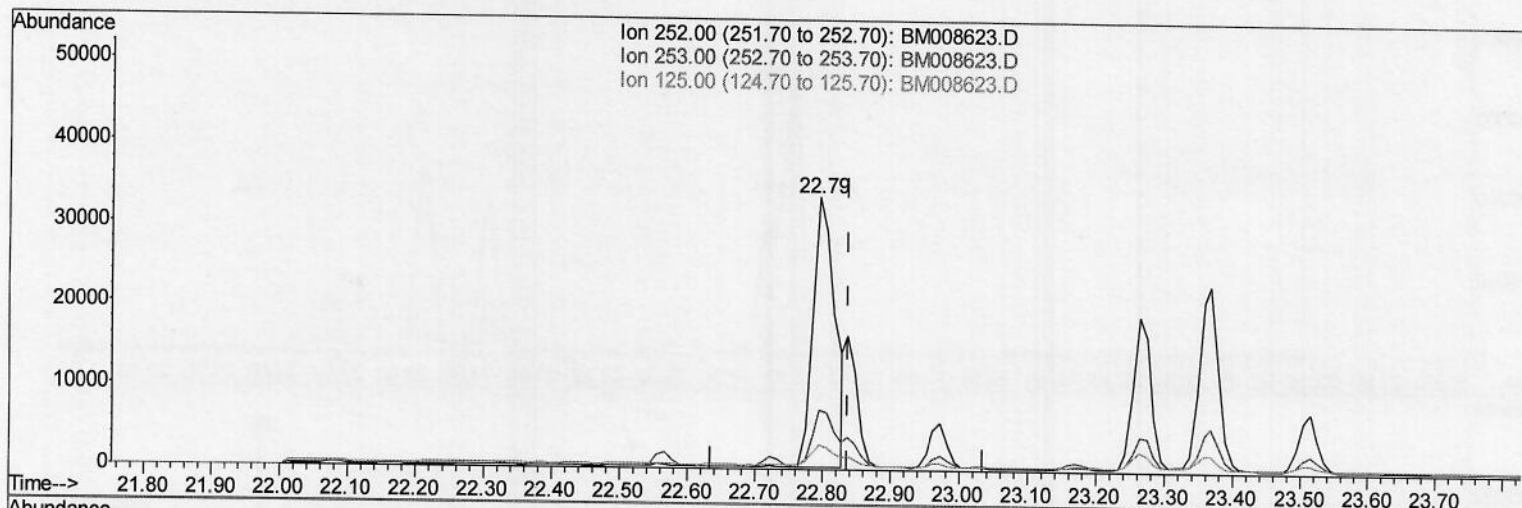
Data Path : Z:\HPCHEM1\BNA_M\Data\BM122416\
 Data File : BM008623.D
 Acq On : 24 Dec 2016 08:45
 Operator : UM/SJ
 Sample : H5995-12
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampled :
 DA880

Manual Integrations
 APPROVED

sohil
 12/26/2016 6:25:49 PM

Quant Time: Dec 25 01:53:36 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 24 04:56:03 2016
 Response via : Initial Calibration



(21) Benzo(b)fluoranthene

22.795min (-0.041) 11.16ng/ul m

response 75121

Ion Exp% Act%

252.00 100 100

253.00 32.10 21.99

125.00 17.50 8.91

0.00 0.00 0.00

79.9
 12/27/16

Quantitation Report (Qedit)

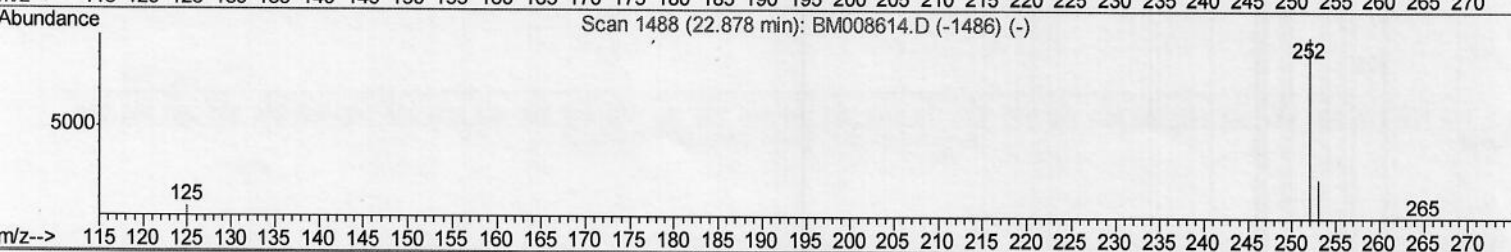
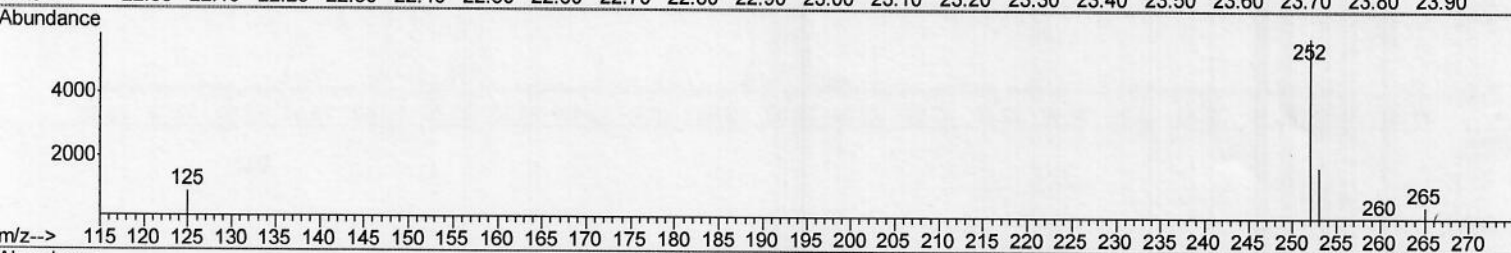
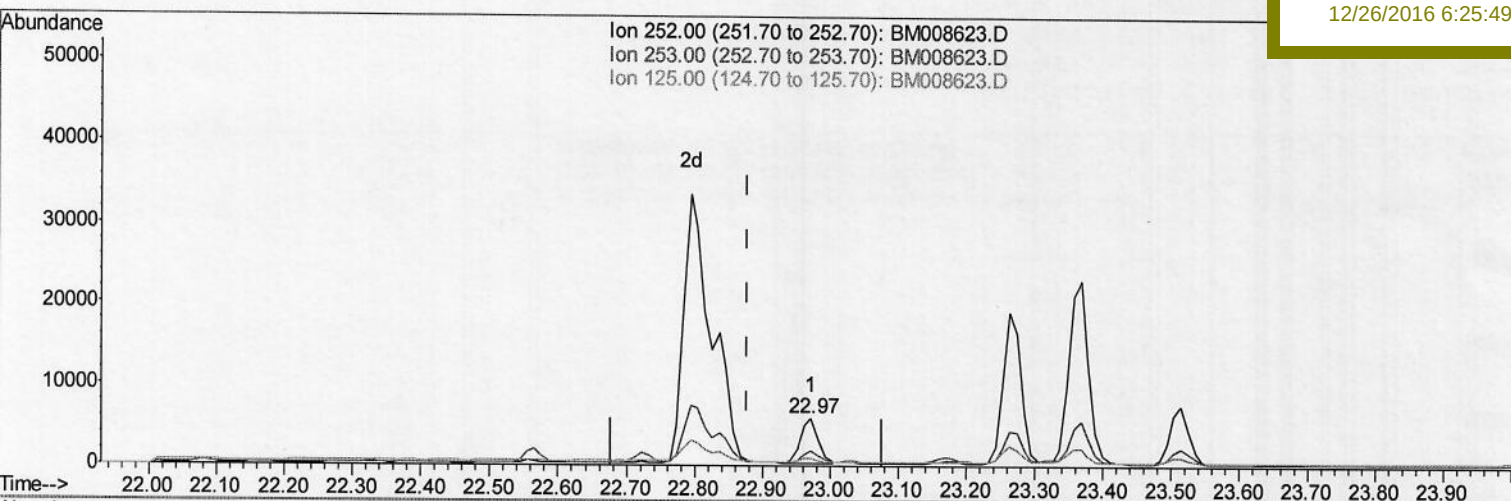
Data Path : Z:\HPCHEM1\BNA_M\Data\BM122416\
Data File : BM008623.D
Acq On : 24 Dec 2016 08:45
Operator : UM/SJ
Sample : H5995-12
Misc :
ALS Vial : 29 Sample Multiplier: 1

Quant Time: Dec 25 01:53:36 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 24 04:56:03 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
DA880

Manual Integrations
APPROVED

sohil
12/26/2016 6:25:49 PM



(22) Benzo(k)fluoranthene

22.972min (+0.094) 1.47ng/ul

response 9629

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	30.47
125.00	17.10	15.77
0.00	0.00	0.00

Quantitation Report (Qedit)

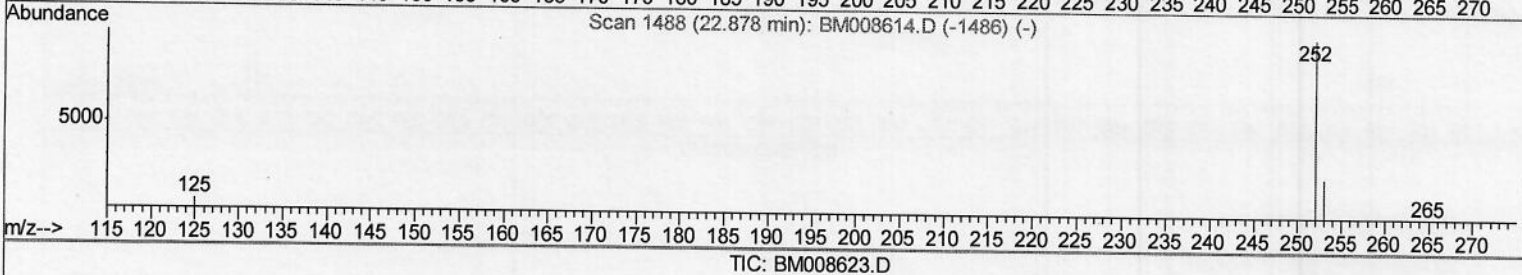
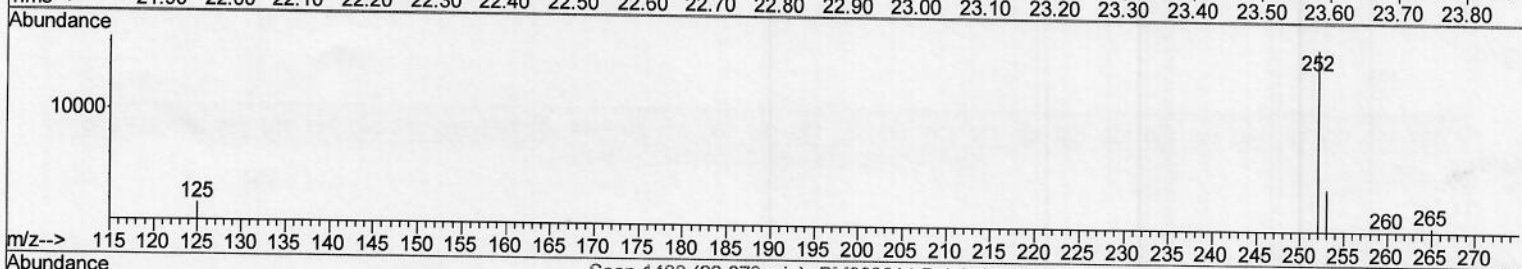
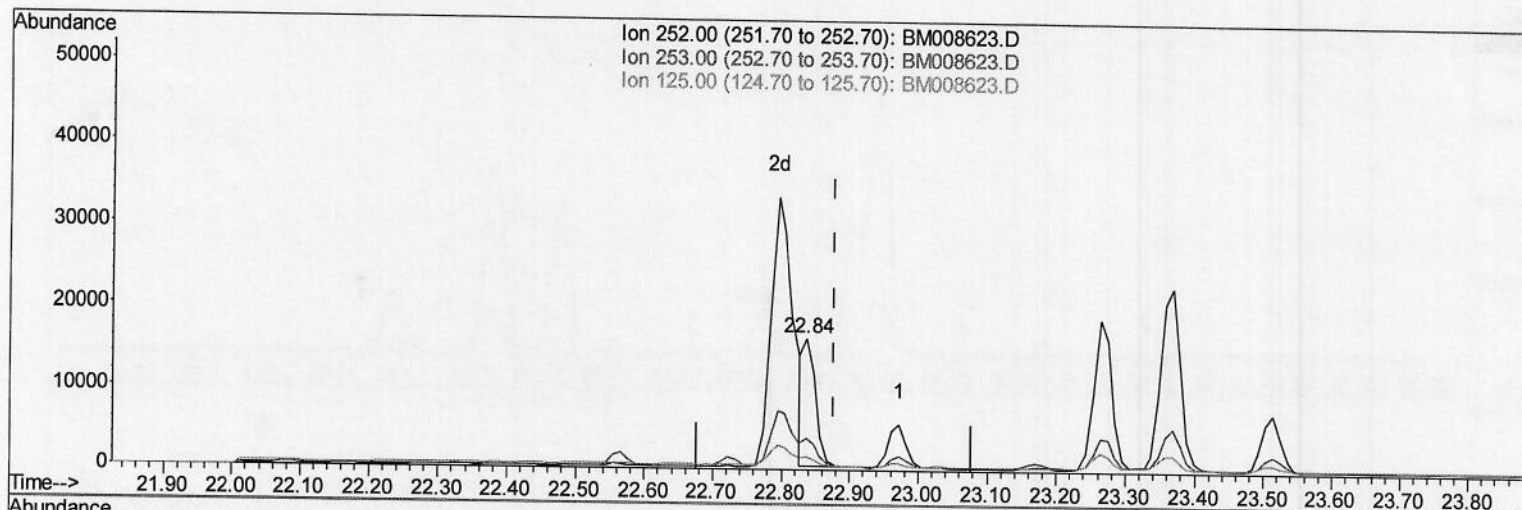
Data Path : Z:\HPCHEM1\BNA_M\Data\BM122416\
 Data File : BM008623.D
 Acq On : 24 Dec 2016 08:45
 Operator : UM/SJ
 Sample : H5995-12
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA880

Manual Integrations
 APPROVED

sohil
 12/26/2016 6:25:49 PM

Quant Time: Dec 25 01:53:36 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 24 04:56:03 2016
 Response via : Initial Calibration



(22) Benzo(k)fluoranthene

22.836min (-0.041) 3.03ng/ul

response 19883

Ion Exp% Act%

252.00 100 100

253.00 30.60 23.82#

125.00 17.10 10.02#

0.00 0.00 0.00

75.7
 12/27/16

Data Path : Z:\HPCHEM1\BNA_M\Data\BM122416\
 Data File : BM008623.D
 Acq On : 24 Dec 2016 08:45
 Operator : UM/SJ
 Sample : H5995-12
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_M
 Client Sample ID :
 DA880

Manual Integrations
 APPROVED

sohil
 12/26/2016 6:25:49 PM

Quant Time: Dec 25 02:01:12 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 24 04:56:03 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	614	0.40	ng/ul	-0.09
2) Naphthalene-d8	10.42	136	1947	0.40	ng/ul	-0.08
6) Acenaphthene-d10	14.28	164	1253	0.40	ng/ul	-0.03
10) Phenanthrene-d10	17.04	188	2007m	0.40	ng/ul	-0.05
16) Chrysene-d12	21.24	240	1963	0.40	ng/ul	-0.03
20) Perylene-d12	23.47	264	1709m	0.40	ng/ul	-0.03
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.01	152	545	0.18	ng/ul	-0.09
14) Fluoranthene-d10	19.07	212	1040m	0.19	ng/ul	-0.04
Target Compounds						
3) Naphthalene	10.46	128	4565	0.83	ng/ul	98
5) 2-Methylnaphthalene	12.08	142	7736	2.10	ng/ul	95
7) Acenaphthylene	14.00	152	4403	0.78	ng/ul	92
8) Acenaphthene	14.33	153	2470	0.58	ng/ul	90
9) Fluorene	15.34	166	3595	0.74	ng/ul	96
12) Phenanthrene	17.07	178	24140	3.94	ng/ul	95
13) Anthracene	17.16	178	5823	0.98	ng/ul	95
15) Fluoranthene	19.11	202	59797	7.96	ng/ul	94
17) Pyrene	19.47	202	62181	8.19	ng/ul	96
18) Benzo(a)anthracene	21.22	228	36908m	5.73	ng/ul	
19) Chrysene	21.27	228	36467m	5.17	ng/ul	
21) Benzo(b)fluoranthene	22.79	252	75121m	11.16	ng/ul	
22) Benzo(k)fluoranthene	22.84	252	19883m	3.03	ng/ul	
23) Benzo(a)pyrene	23.37	252	45017	7.21	ng/ul#	77
24) Indeno(1,2,3-cd)pyrene	25.69	276	35574	4.78	ng/ul#	90
25) Dibenzo(a,h)anthracene	25.69	278	8795	1.48	ng/ul	96
26) Benzo(g,h,i)perylene	26.38	276	28433	4.46	ng/ul#	89

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM122416\
 Data File : BM008623.D
 Acq On : 24 Dec 2016 08:45
 Operator : UM/SJ
 Sample : H5995-12
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_M
 Client Sample ID :
 DA880

Manual Integrations
 APPROVED

sohil
 12/26/2016 6:25:49 PM

Quant Time: Dec 25 02:01:12 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 24 04:56:03 2016
 Response via : Initial Calibration

