

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM122416\
 Data File : BM008656.D
 Acq On : 25 Dec 2016 05:27
 Operator : UM/SJ
 Sample : H5995-12DL 10X

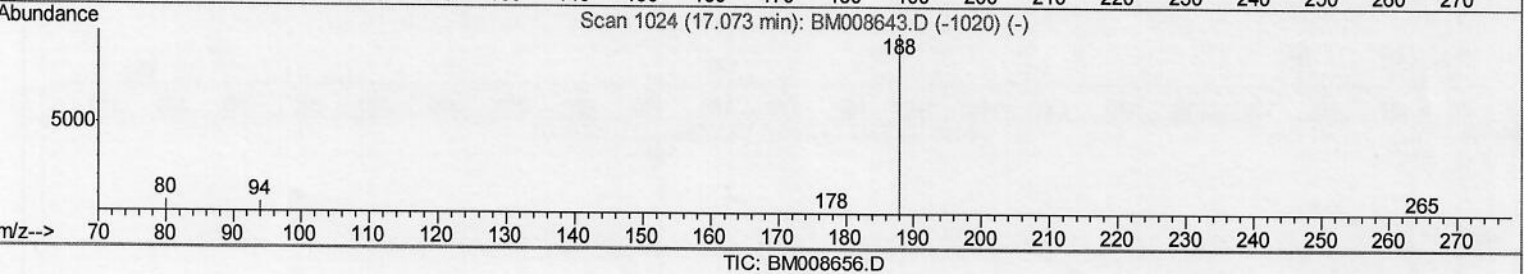
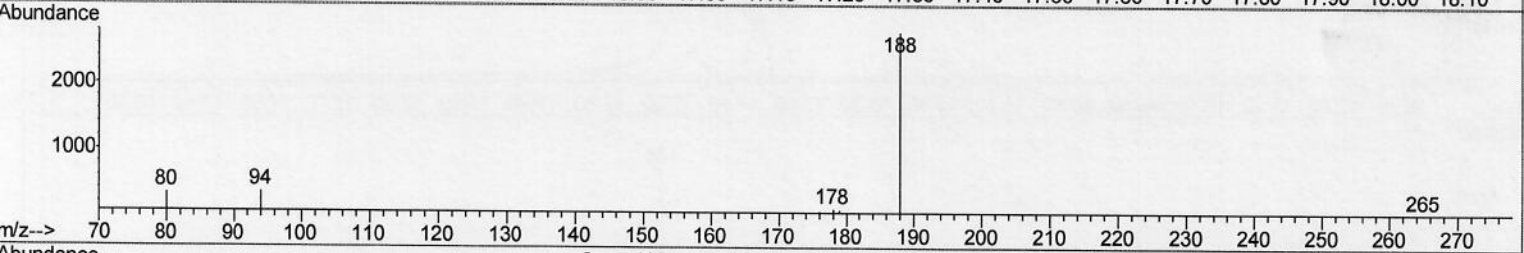
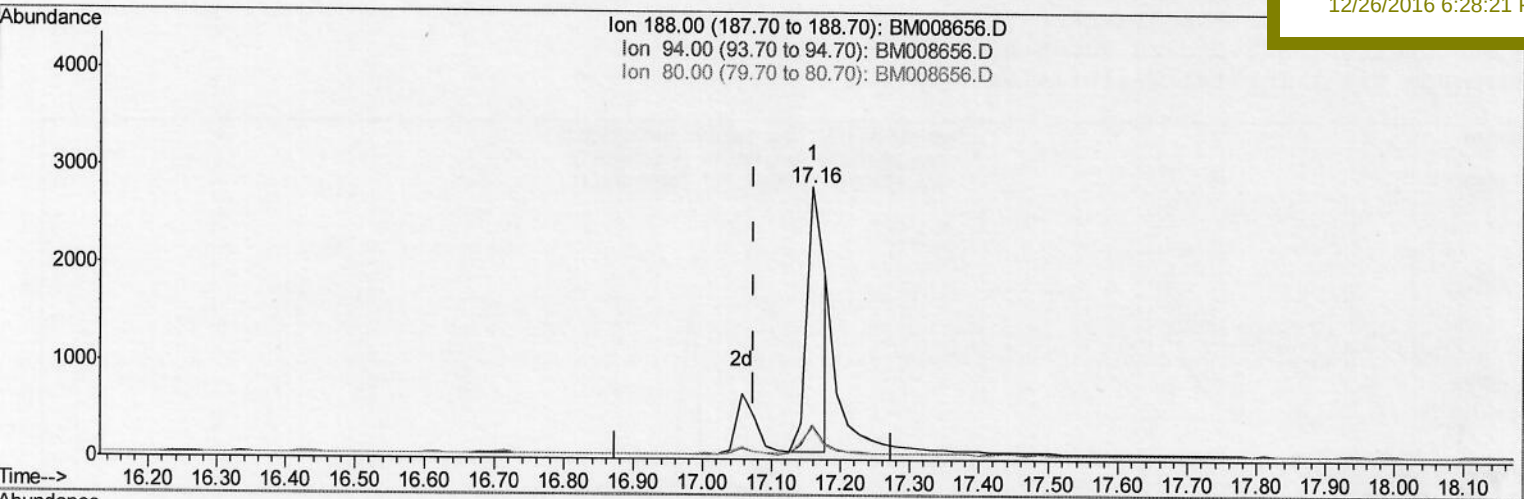
Misc :
 ALS Vial : 71 Sample Multiplier: 1

Quant Time: Dec 26 01:00:25 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 26 00:55:42 2016
 Response via : Initial Calibration

Instrument :
 BNA_M
 ClientSampleId :
 DA880DL

Manual Integrations
 APPROVED

sohil
 12/26/2016 6:28:21 PM



(10) Phenanthrene-d10 (I)

17.159min (+0.086) 0.40ng/ul

response 5011

Ion	Exp%	Act%
188.00	100	100
94.00	11.00	12.59
80.00	11.80	11.99
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM122416\
 Data File : BM008656.D
 Acq On : 25 Dec 2016 05:27
 Operator : UM/SJ
 Sample : H5995-12DL 10X

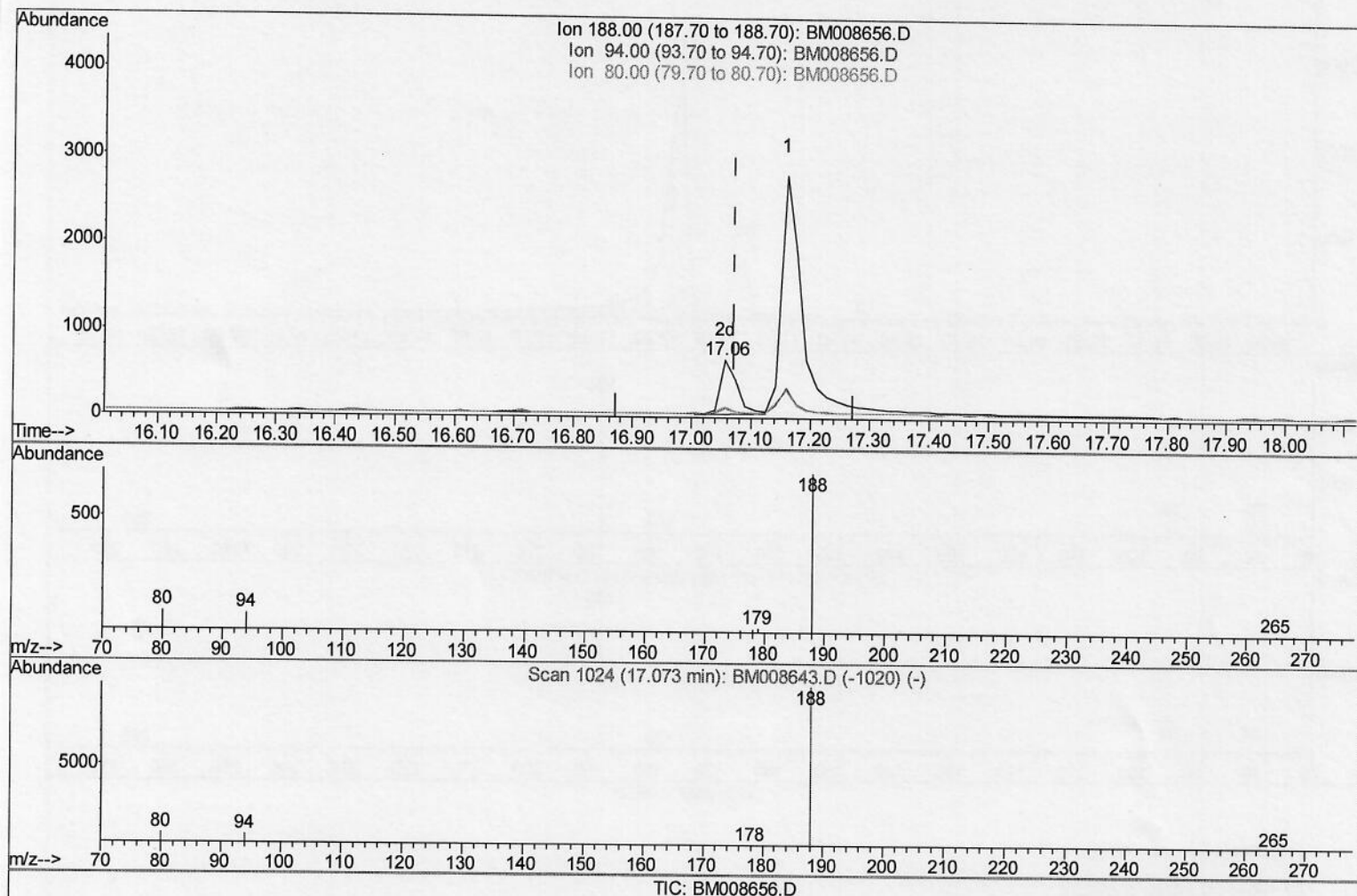
Misc :
 ALS Vial : 71 Sample Multiplier: 1

Quant Time: Dec 26 01:00:25 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 26 00:55:42 2016
 Response via : Initial Calibration

Instrument :
 BNA_M
 ClientSampleId :
 DA880DL

Manual Integrations
 APPROVED

sohil
 12/26/2016 6:28:21 PM



(10) Phenanthrene-d10 (I)

17.056min (-0.017) 0.40ng/ul m

response 1333

Ion	Exp%	Act%
188.00	100	100
94.00	11.00	16.72#
80.00	11.80	18.04#
0.00	0.00	0.00

> 5.9
 12/29/16

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM122416\
 Data File : BM008656.D
 Acq On : 25 Dec 2016 05:27
 Operator : UM/SJ
 Sample : H5995-12DL 10X

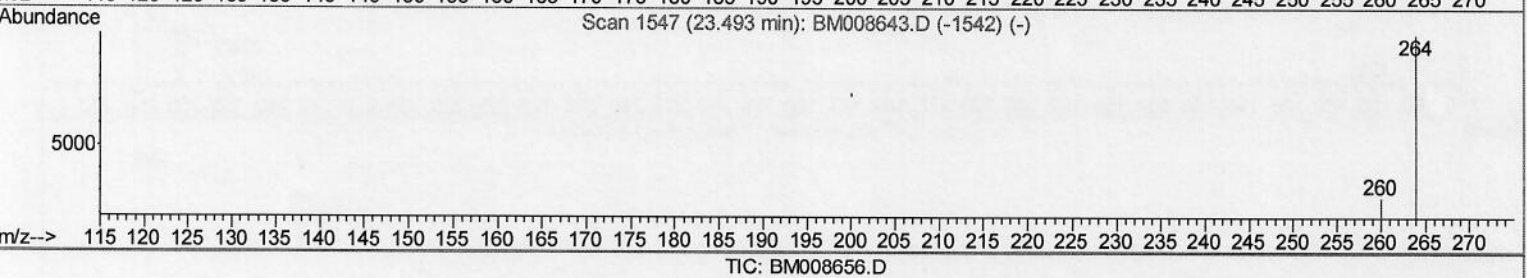
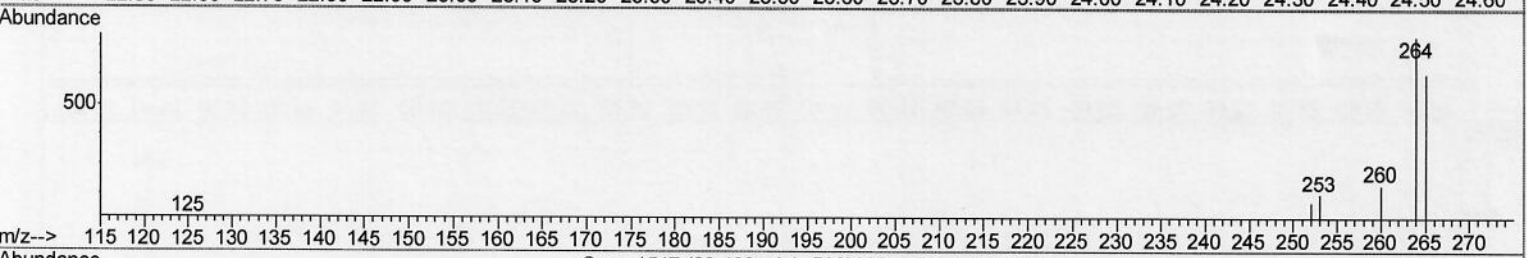
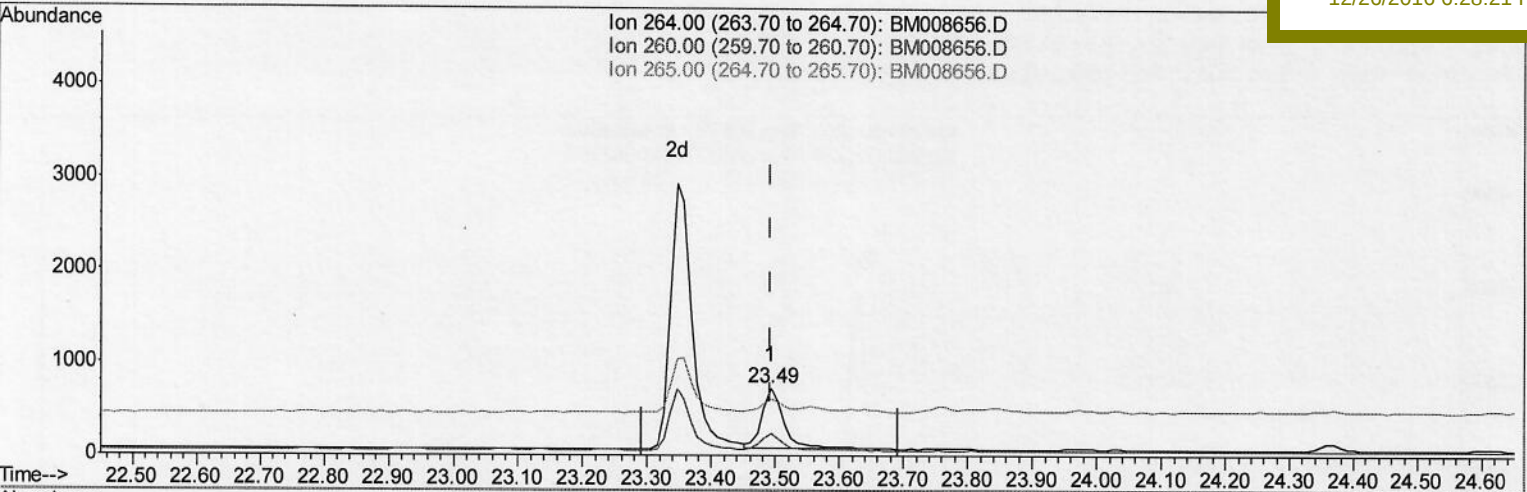
Misc :
 ALS Vial : 71 Sample Multiplier: 1

Quant Time: Dec 26 01:00:25 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 26 00:55:42 2016
 Response via : Initial Calibration

Instrument :
 BNA_M
 ClientSampleId :
 DA880DL

Manual Integrations
 APPROVED

sohil
 12/26/2016 6:28:21 PM



(20) Perylene-d12 (I)

23.493min (+0.000) 0.40ng/ul

response 1511

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	31.71
265.00	103.50	82.66#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM122416\
 Data File : BM008656.D
 Acq On : 25 Dec 2016 05:27
 Operator : UM/SJ
 Sample : H5995-12DL 10X

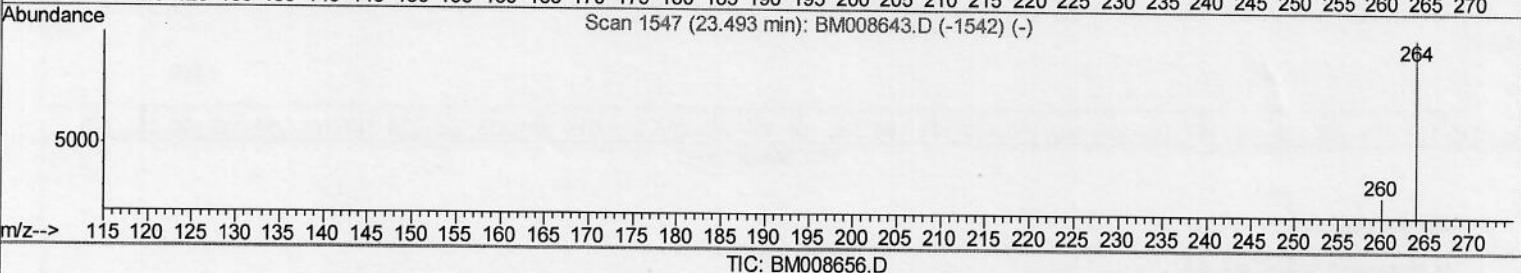
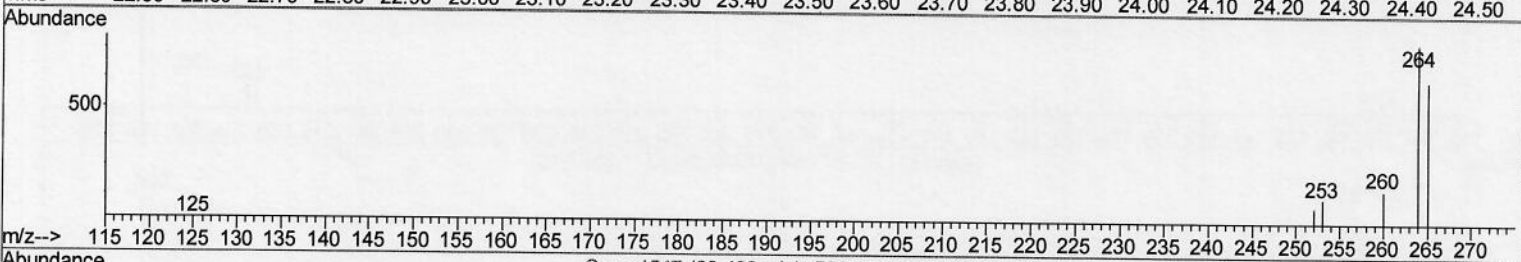
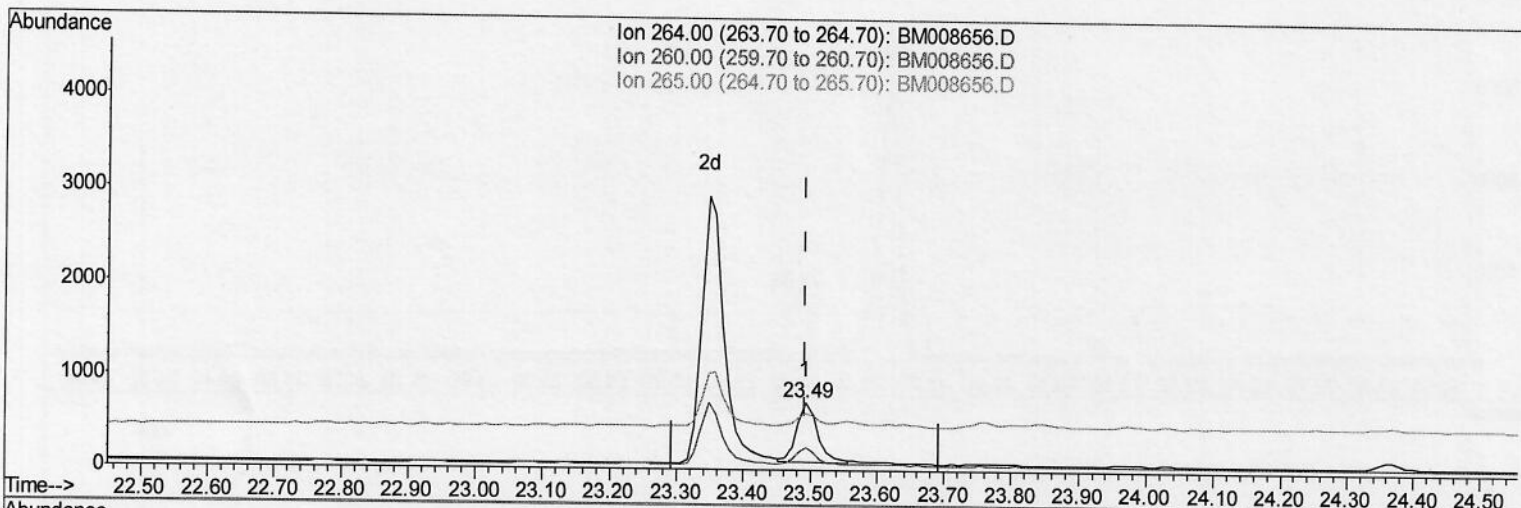
Misc :
 ALS Vial : 71 Sample Multiplier: 1

Quant Time: Dec 26 01:00:25 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 26 00:55:42 2016
 Response via : Initial Calibration

Instrument :
 BNA_M
 ClientSampleId :
 DA880DL

Manual Integrations
 APPROVED

sohil
 12/26/2016 6:28:21 PM



TIC: BM008656.D

(20) Perylene-d12 (I)

23.493min (+0.000) 0.40ng/ul m

response 1402

Ion Exp% Act%

264.00 100 100

260.00 30.10 31.71

265.00 103.50 82.66#

0.00 0.00 0.00

5.9
 12/27/16

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM122416\
 Data File : BM008656.D
 Acq On : 25 Dec 2016 05:27
 Operator : UM/SJ
 Sample : H5995-12DL 10X

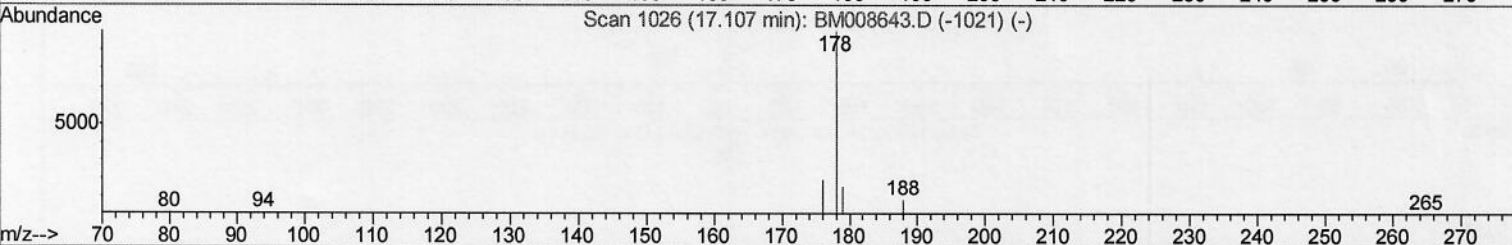
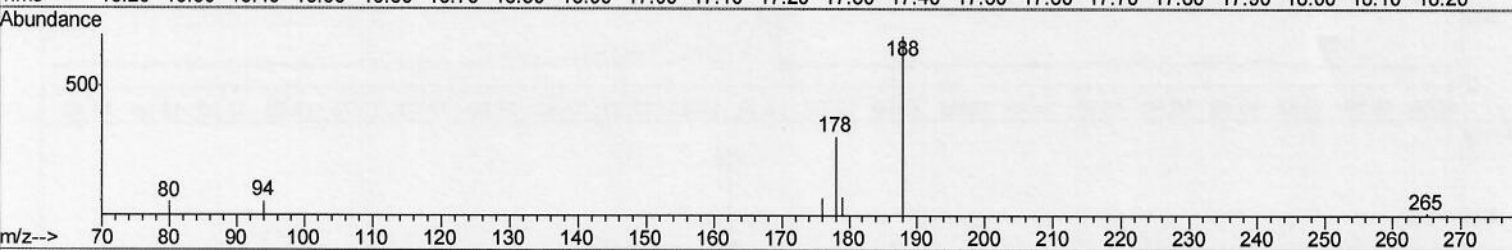
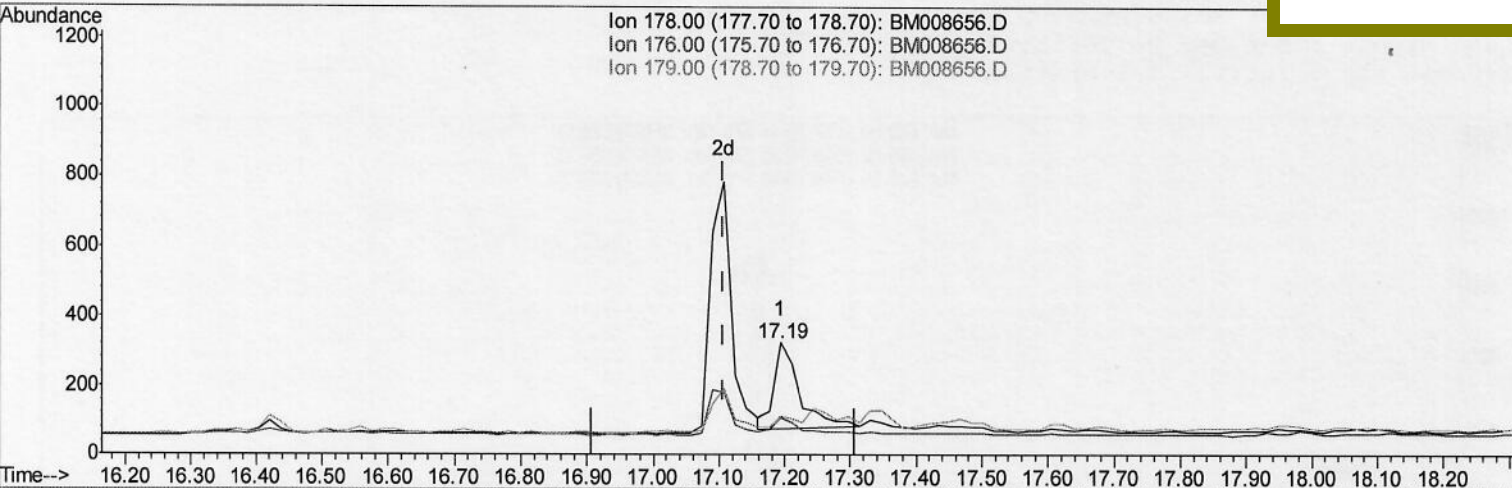
Misc :
 ALS Vial : 71 Sample Multiplier: 1

Quant Time: Dec 26 02:55:07 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 26 00:55:42 2016
 Response via : Initial Calibration

Instrument :
 BNA_M
 ClientSampleId :
 DA880DL

Manual Integrations
 APPROVED

sohil
 12/26/2016 6:28:21 PM



TIC: BM008656.D

(12) Phenanthrene

17.193min (+0.086) 0.17ng/ul

response 692

Ion	Exp%	Act%
178.00	100	100
176.00	23.00	33.02#
179.00	17.00	33.95#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM122416\
 Data File : BM008656.D
 Acq On : 25 Dec 2016 05:27
 Operator : UM/SJ
 Sample : H5995-12DL 10X

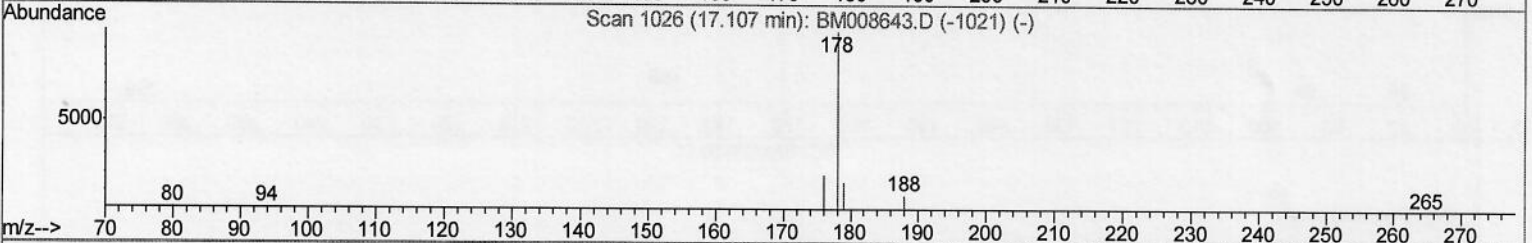
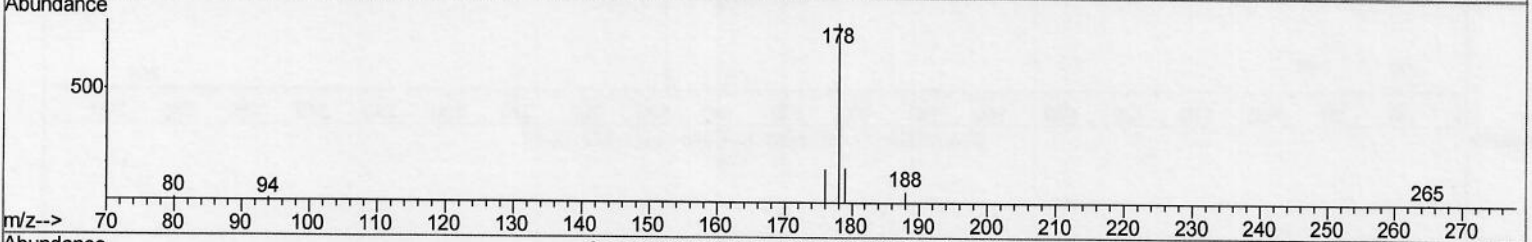
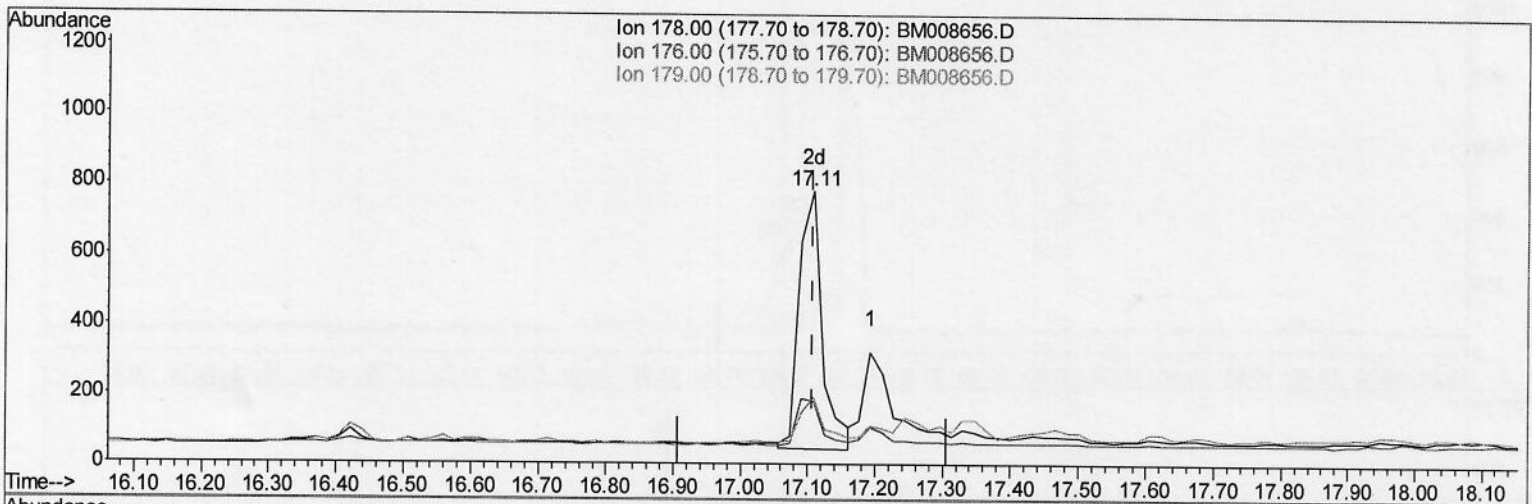
Misc :
 ALS Vial : 71 Sample Multiplier: 1

Quant Time: Dec 26 02:55:07 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 26 00:55:42 2016
 Response via : Initial Calibration

Instrument :
 BNA_M
 ClientSampleId :
 DA880DL

Manual Integrations
 APPROVED

sohil
 12/26/2016 6:28:21 PM



TIC: BM008656.D

(12) Phenanthrene

17.108min (+0.000) 0.43ng/ul m

response 1760

Ion Exp% Act%

178.00 100 100

176.00 23.00 23.21

179.00 17.00 24.36#

0.00 0.00 0.00

79.5
 12/27/16

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM122416\
Data File : BM008656.D
Acq On : 25 Dec 2016 05:27
Operator : UM/SJ
Sample : H5995-12DL 10X

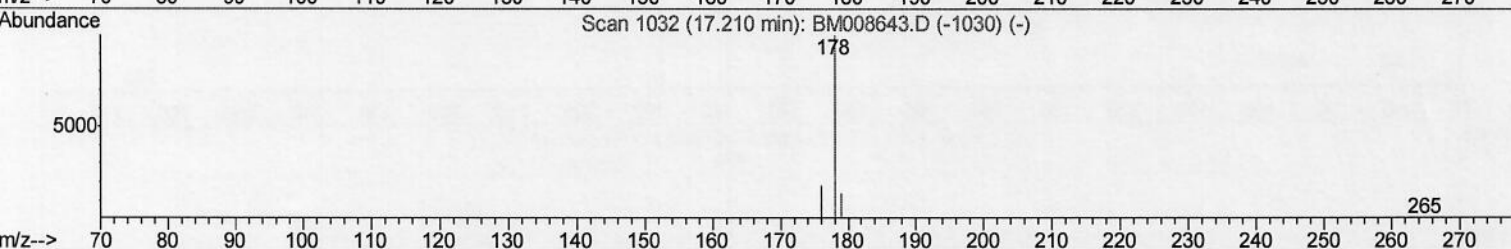
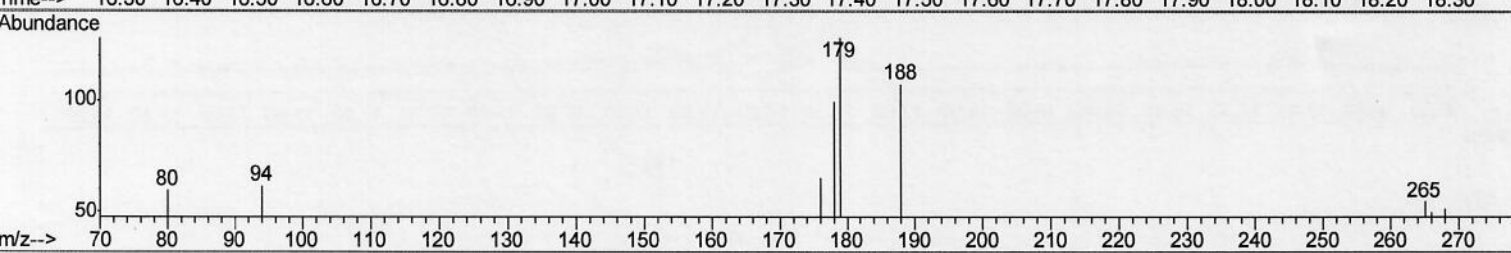
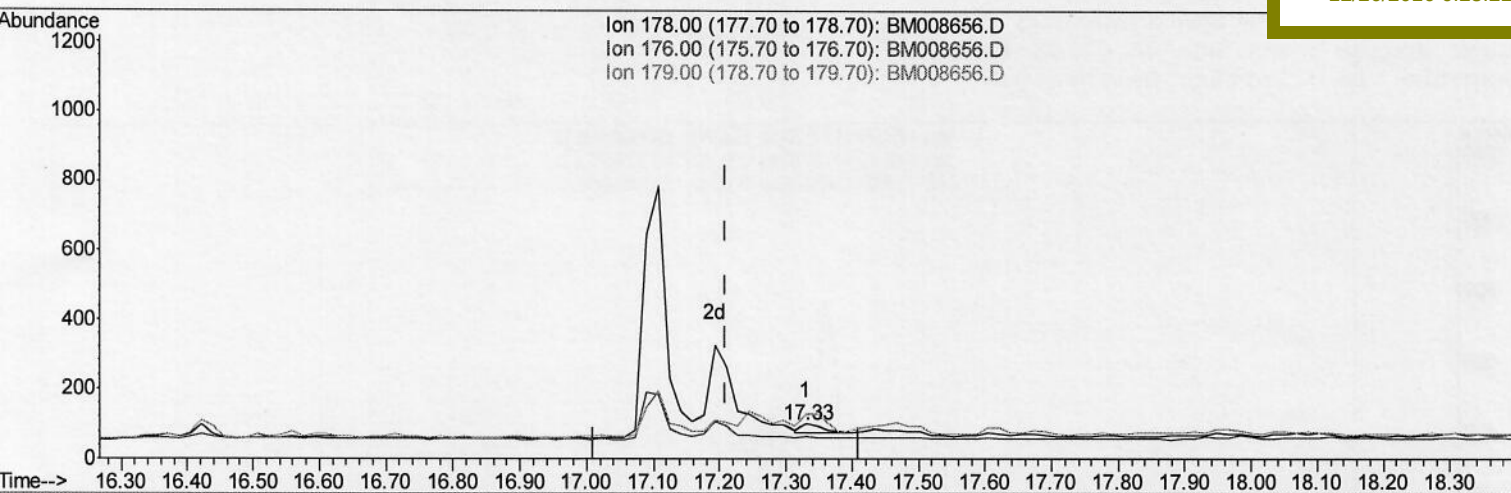
Misc :
ALS Vial : 71 Sample Multiplier: 1

Quant Time: Dec 26 02:55:07 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 26 00:55:42 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
DA880DL

Manual Integrations
APPROVED

sohil
12/26/2016 6:28:21 PM



TIC: BM008656.D

(13) Anthracene

17.331min (+0.120) 0.01ng/ul

response 50

Ion	Exp%	Act%
178.00	100	100
176.00	22.60	65.66#
179.00	18.40	129.29#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM122416\
 Data File : BM008656.D
 Acq On : 25 Dec 2016 05:27
 Operator : UM/SJ
 Sample : H5995-12DL 10X

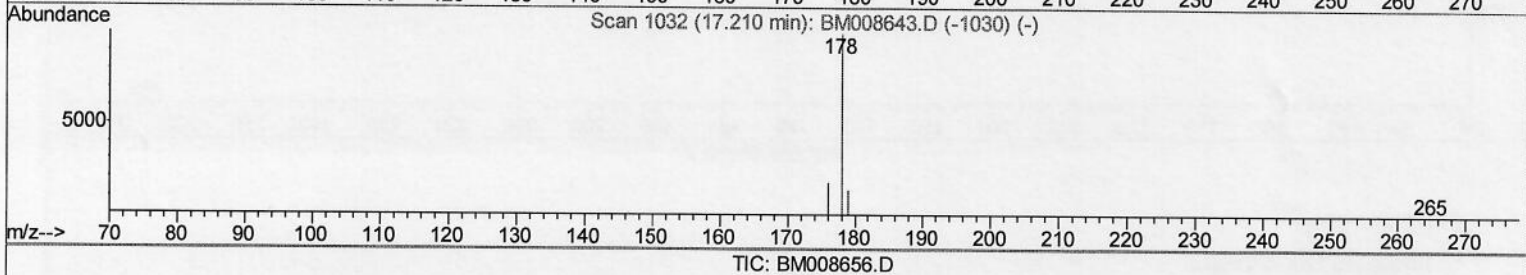
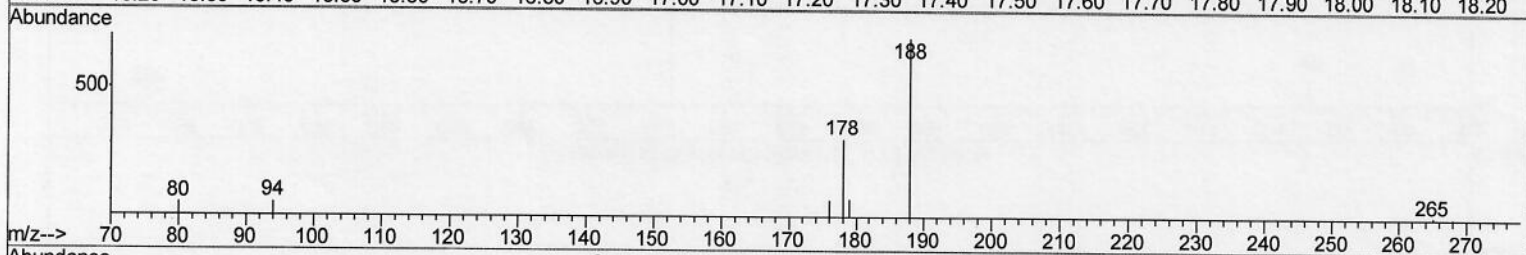
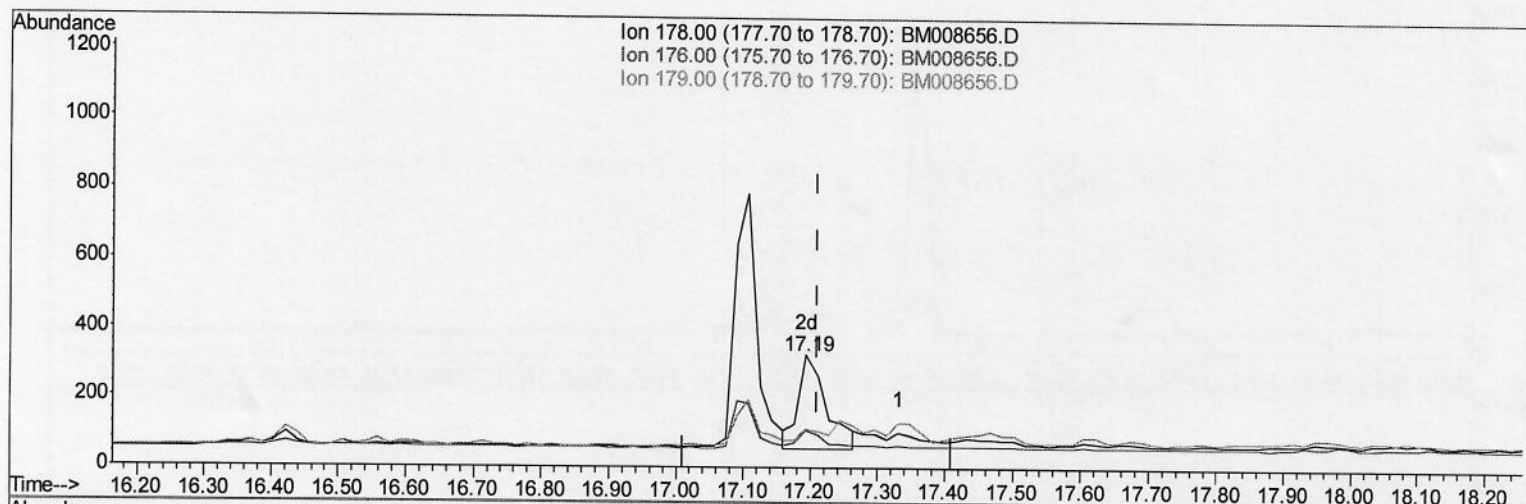
Misc :
 ALS Vial : 71 Sample Multiplier: 1

Quant Time: Dec 26 02:55:07 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 26 00:55:42 2016
 Response via : Initial Calibration

Instrument :
 BNA_M
 ClientSampled :
 DA880DL

Manual Integrations
 APPROVED

sohil
 12/26/2016 6:28:21 PM



(13) Anthracene

17.193min (-0.017) 0.20ng/ul m

response 788

Ion Exp% Act%

178.00 100 100

176.00 22.60 33.02#

179.00 18.40 33.95#

0.00 0.00 0.00

5.5
 12/27/16

Data Path : Z:\HPCHEM1\BNA_M\Data\BM122416\
Data File : BM008656.D
Acq On : 25 Dec 2016 05:27
Operator : UM/SJ
Sample : H5995-12DL 10X

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM122416\
 Data File : BM008656.D
 Acq On : 25 Dec 2016 05:27
 Operator : UM/SJ
 Sample : H5995-12DL 10X

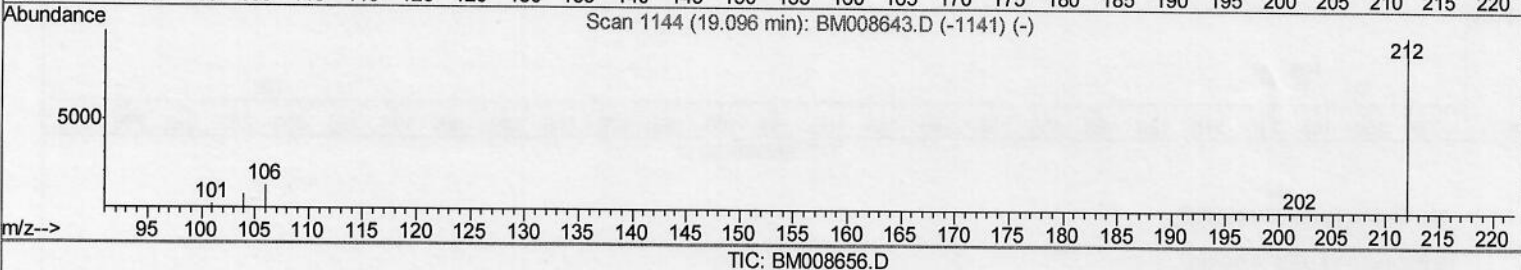
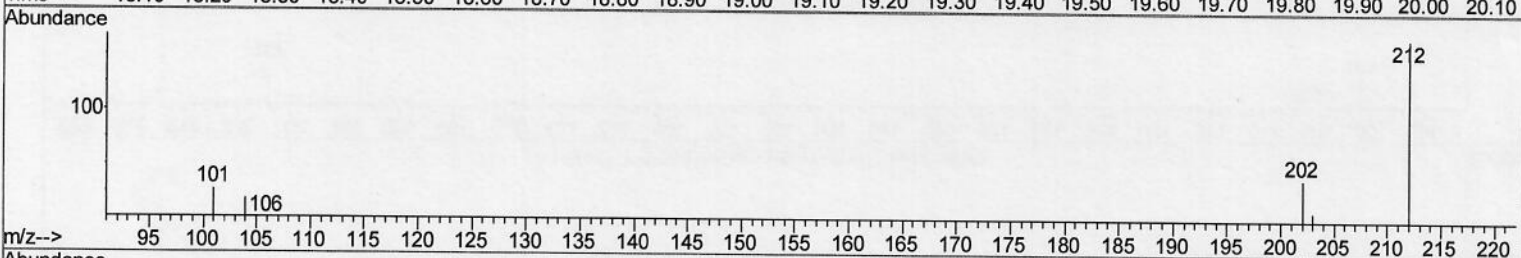
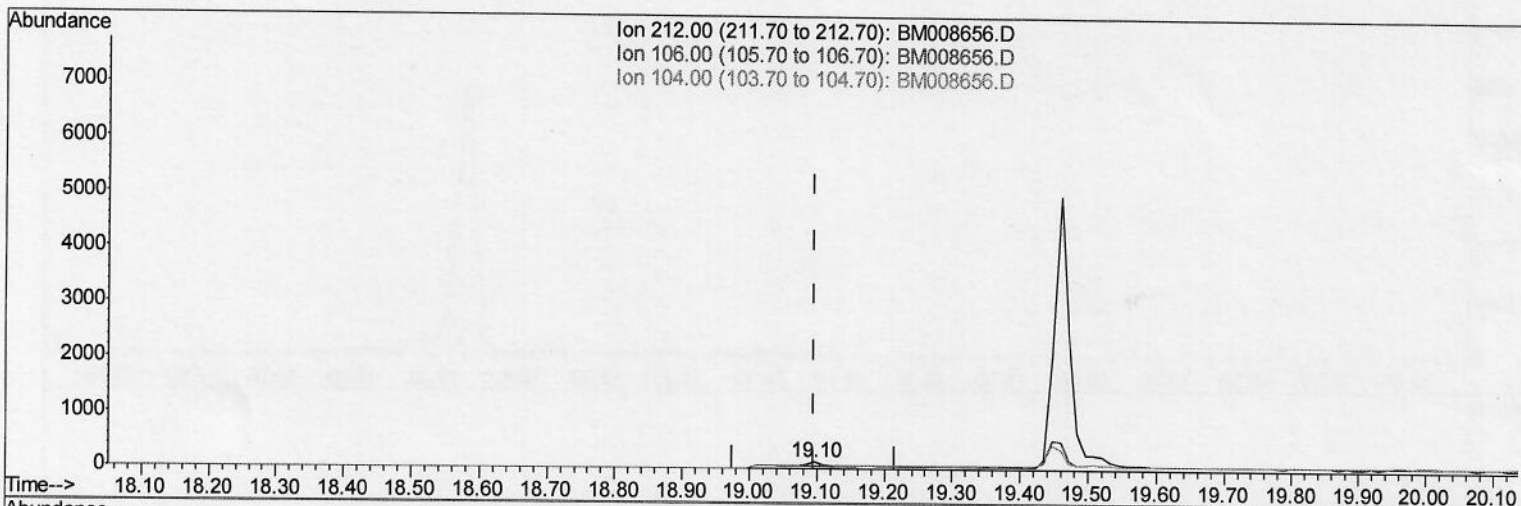
Misc :
 ALS Vial : 71 Sample Multiplier: 1

Quant Time: Dec 26 02:55:07 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 26 00:55:42 2016
 Response via : Initial Calibration

Instrument :
 BNA_M
 ClientSampleId :
 DA880DL

Manual Integrations
 APPROVED

sohil
 12/26/2016 6:28:21 PM



(14) Fluoranthene-d10 (SURR)

19.096min (+0.000) 0.04ng/ul m

response 137

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

79.5
 12/27/16

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM122416\
Data File : BM008656.D
Acq On : 25 Dec 2016 05:27
Operator : UM/SJ
Sample : H5995-12DL 10X

Misc :
ALS Vial : 71 Sample Multiplier: 1

Quant Time: Dec 26 02:55:07 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 26 00:55:42 2016
Response via : Initial Calibration

Instrument :

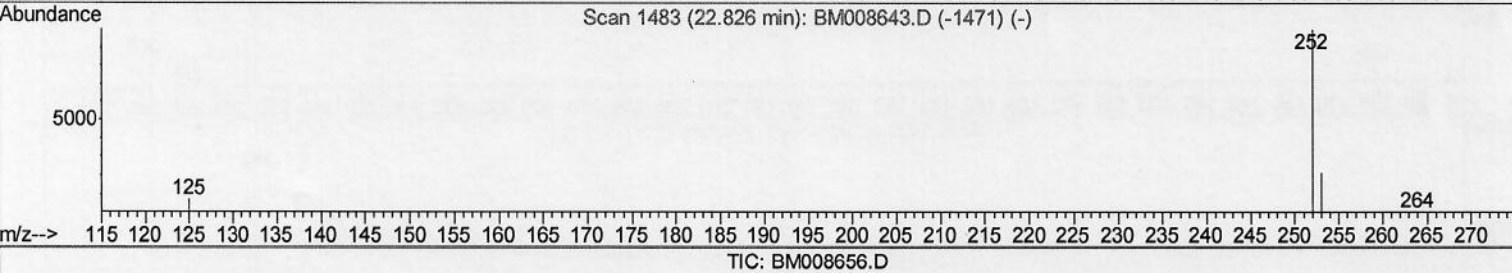
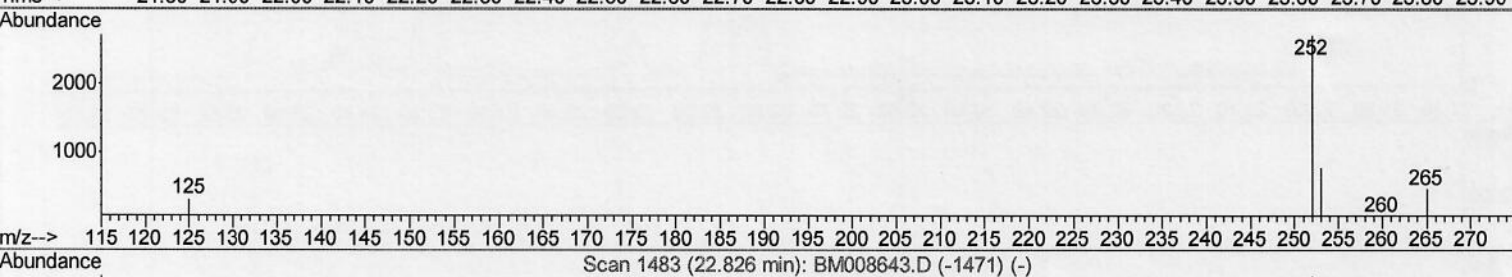
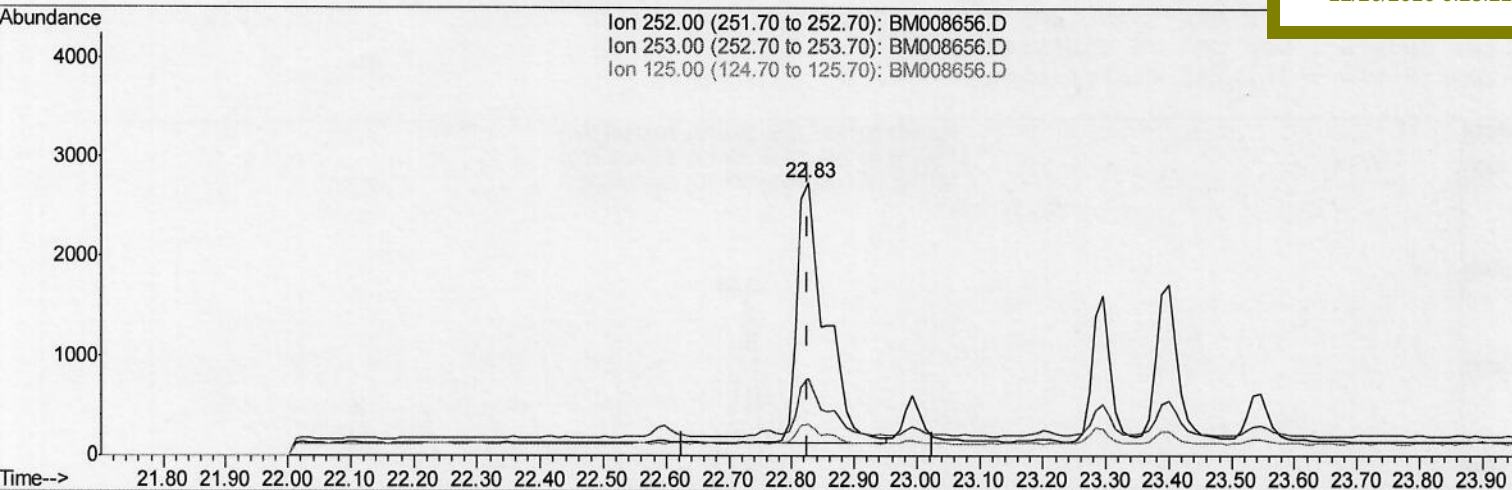
BNA_M

ClientSampleId :

DA880DL

Manual Integrations
APPROVED

sohil
12/26/2016 6:28:21 PM



(21) Benzo(b)fluoranthene

22.826min (+0.000) 1.49ng/ul

response 8251

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	28.19
125.00	17.50	11.17
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM122416\
 Data File : BM008656.D
 Acq On : 25 Dec 2016 05:27
 Operator : UM/SJ
 Sample : H5995-12DL 10X

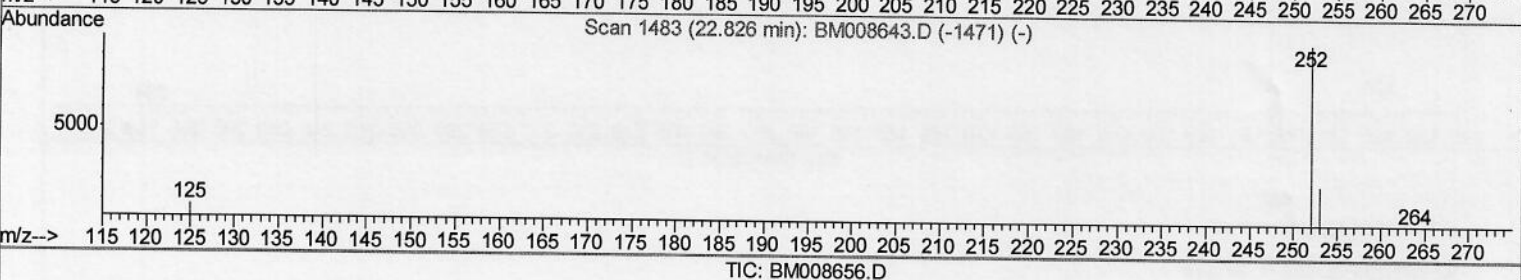
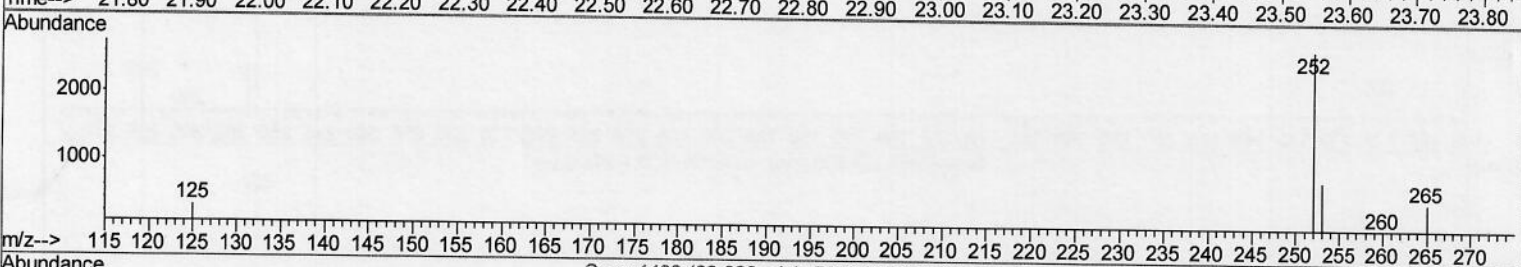
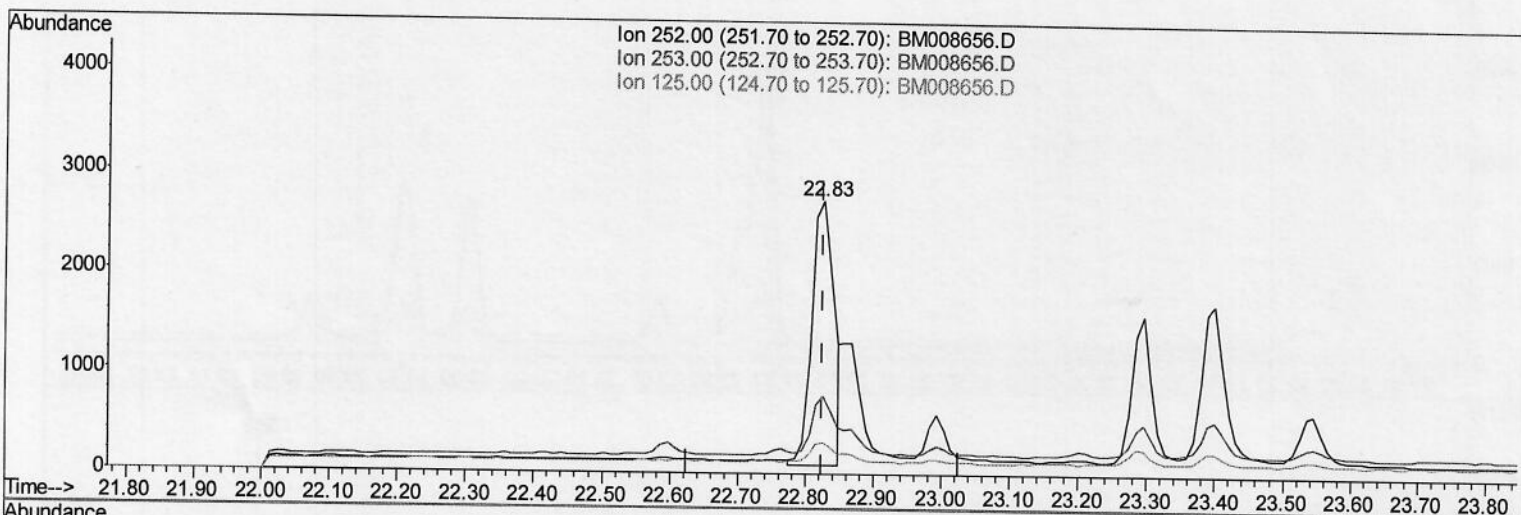
Instrument :
 BNA_M
 ClientSampleId :
 DA880DL

Misc :
 ALS Vial : 71 Sample Multiplier: 1

Manual Integrations
 APPROVED

sohil
 12/26/2016 6:28:21 PM

Quant Time: Dec 26 02:55:07 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 26 00:55:42 2016
 Response via : Initial Calibration



(21) Benzo(b)fluoranthene

22.826min (+0.000) 1.09ng/ul m

response 6012

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	28.19
125.00	17.50	11.17
0.00	0.00	0.00

5.9
 12/27/16

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM122416\
 Data File : BM008656.D
 Acq On : 25 Dec 2016 05:27
 Operator : UM/SJ
 Sample : H5995-12DL 10X

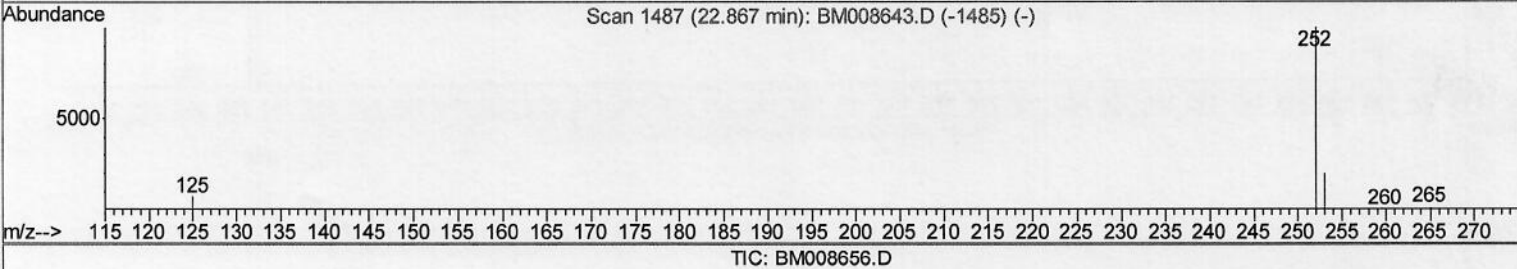
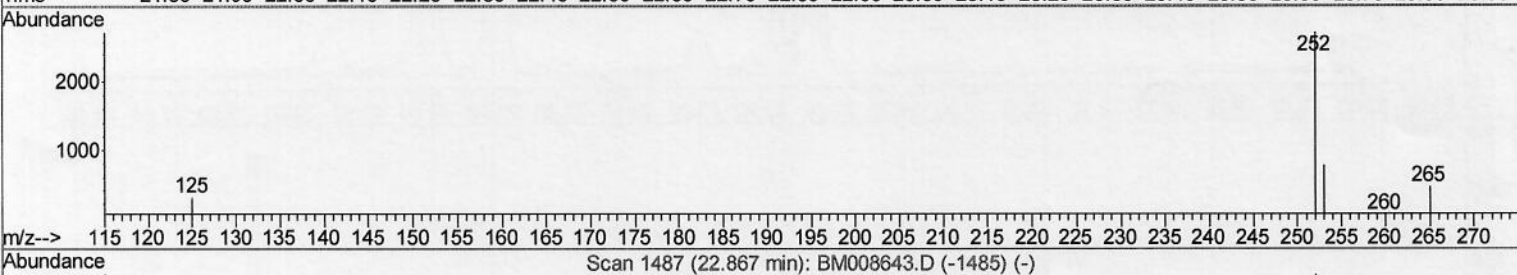
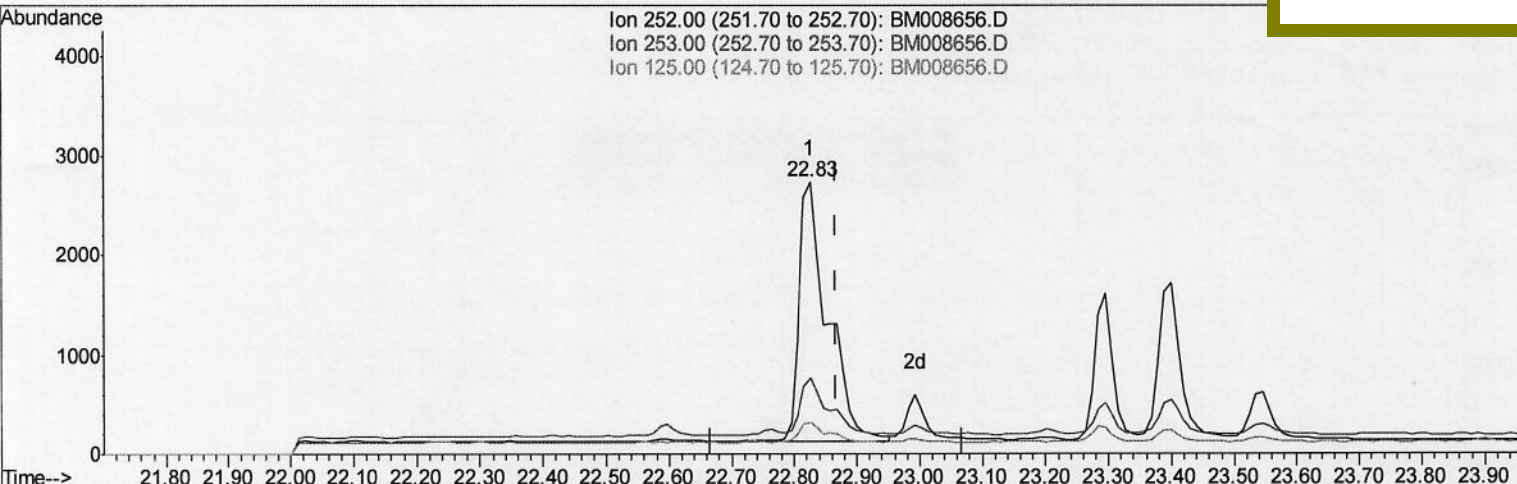
Misc :
 ALS Vial : 71 Sample Multiplier: 1

Quant Time: Dec 26 02:55:07 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 26 00:55:42 2016
 Response via : Initial Calibration

Instrument :
 BNA_M
 ClientSampleId :
 DA880DL

Manual Integrations
 APPROVED

sohil
 12/26/2016 6:28:21 PM



(22) Benzo(k)fluoranthene
 22.826min (-0.041) 1.53ng/ul
 response 8251

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	28.19
125.00	17.10	11.17#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM122416\
 Data File : BM008656.D
 Acq On : 25 Dec 2016 05:27
 Operator : UM/SJ
 Sample : H5995-12DL 10X

Misc :
 ALS Vial : 71 Sample Multiplier: 1

Quant Time: Dec 26 02:55:07 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 26 00:55:42 2016
 Response via : Initial Calibration

Instrument :

BNA_M

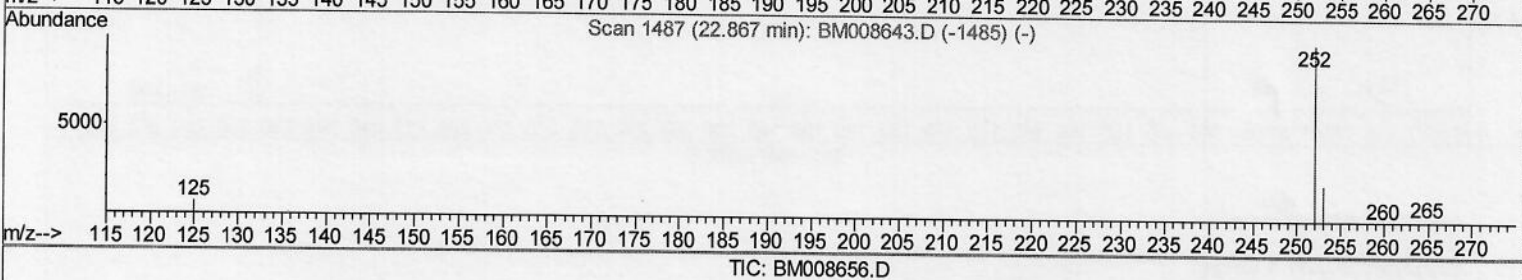
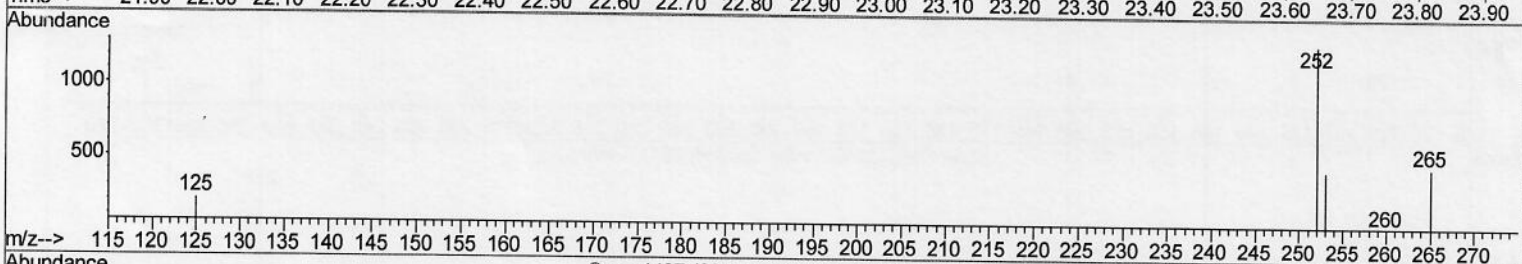
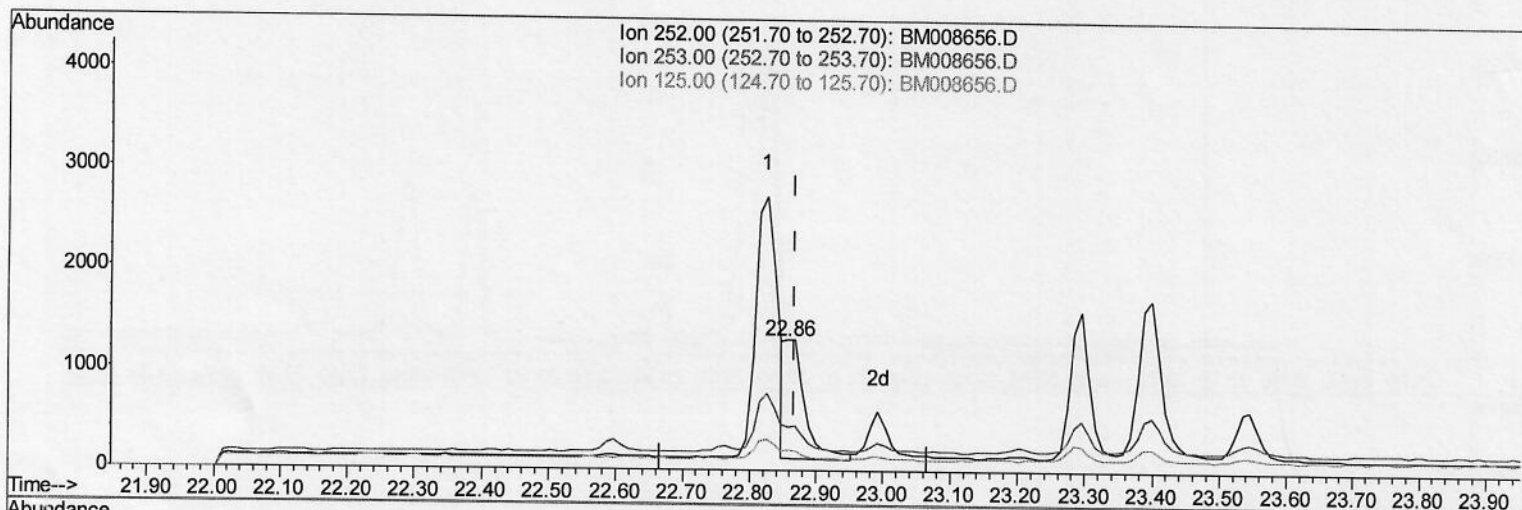
Client Sample Id :

DA880DL

Manual Integrations
 APPROVED

sohil

12/26/2016 6:28:21 PM



(22) Benzo(k)fluoranthene

22.857min (-0.010) 0.46ng/ul m

response 2499

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	33.66
125.00	17.10	15.84
0.00	0.00	0.00

25.7
 12/27/16

Data Path : Z:\HPCHEM1\BNA_M\Data\BM122416\
 Data File : BM008656.D
 Acq On : 25 Dec 2016 05:27
 Operator : UM/SJ
 Sample : H5995-12DL 10X

Misc :
 ALS Vial : 71 Sample Multiplier: 1

Quant Time: Dec 26 02:56:34 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 26 00:55:42 2016
 Response via : Initial Calibration

Instrument :
 BNA_M
 ClientSampleId :
 DA880DL

Manual Integrations
 APPROVED

sohil
 12/26/2016 6:28:21 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	388	0.40	ng/ul	-0.03
2) Naphthalene-d8	10.48	136	1168	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.30	164	716	0.40	ng/ul	-0.02
10) Phenanthrene-d10	17.06	188	1333m	0.40	ng/ul	-0.02
16) Chrysene-d12	21.26	240	1423	0.40	ng/ul	0.00
20) Perylene-d12	23.49	264	1402m	0.40	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.08	152	34	0.02	ng/ul	0.00
14) Fluoranthene-d10	19.10	212	137m	0.04	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	10.52	128	326	0.10	ng/ul#	29
5) 2-Methylnaphthalene	12.15	142	507	0.23	ng/ul#	80
7) Acenaphthylene	14.02	152	424	0.13	ng/ul#	62
8) Acenaphthene	14.37	153	208	0.09	ng/ul#	85
9) Fluorene	15.38	166	253	0.09	ng/ul#	81
12) Phenanthrene	17.11	178	1760m	0.43	ng/ul	
13) Anthracene	17.19	178	788m	0.20	ng/ul	
15) Fluoranthene	19.12	202	4572	0.92	ng/ul	97
17) Pyrene	19.48	202	5116	0.93	ng/ul	98
18) Benzo(a)anthracene	21.25	228	3275	0.70	ng/ul#	93
19) Chrysene	21.29	228	2895	0.57	ng/ul#	91
21) Benzo(b)fluoranthene	22.83	252	6012m	1.09	ng/ul	
22) Benzo(k)fluoranthene	22.86	252	2499m	0.46	ng/ul	
23) Benzo(a)pyrene	23.40	252	3550	0.69	ng/ul#	89
24) Indeno(1,2,3-cd)pyrene	25.74	276	2906	0.48	ng/ul#	89
25) Dibenzo(a,h)anthracene	25.74	278	611	0.13	ng/ul#	52
26) Benzo(g,h,i)perylene	26.44	276	2368	0.45	ng/ul	92

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM122416\
Data File : BM008656.D
Acq On : 25 Dec 2016 05:27
Operator : UM/SJ
Sample : H5995-12DL 10X

Instrument :
BNA_M
Client Sample ID :
DA880DL

Misc :
ALS Vial : 71 Sample Multiplier: 1

Manual Integrations
APPROVED

sohil
12/26/2016 6:28:21 PM

Quant Time: Dec 26 02:56:34 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 26 00:55:42 2016
Response via : Initial Calibration

