

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122216\
 Data File : BM008574.D
 Acq On : 23 Dec 2016 02:16
 Operator : UM/SJ
 Sample : H5970-17DL 5X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Quant Time: Dec 23 05:53:25 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 23 05:50:04 2016
 Response via : Initial Calibration

Instrument :

BNA_M

ClientSampleId :

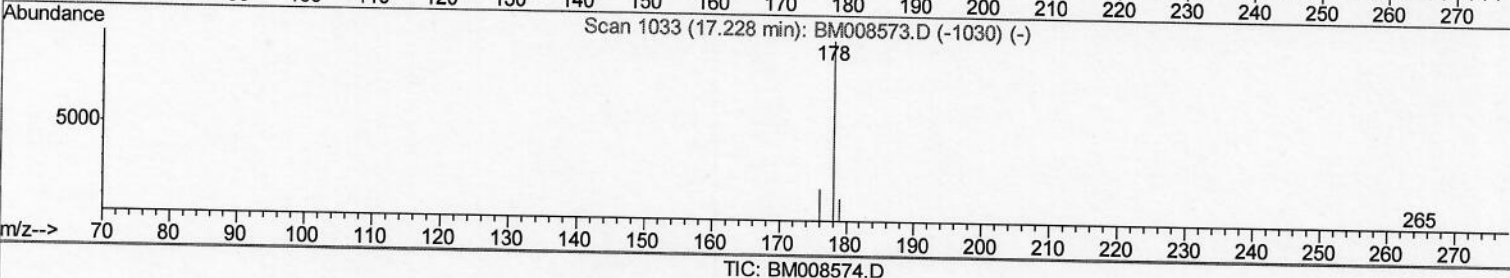
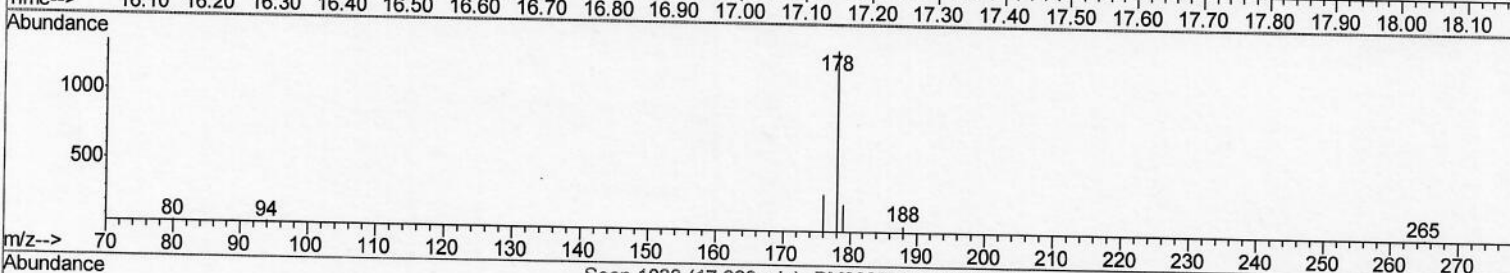
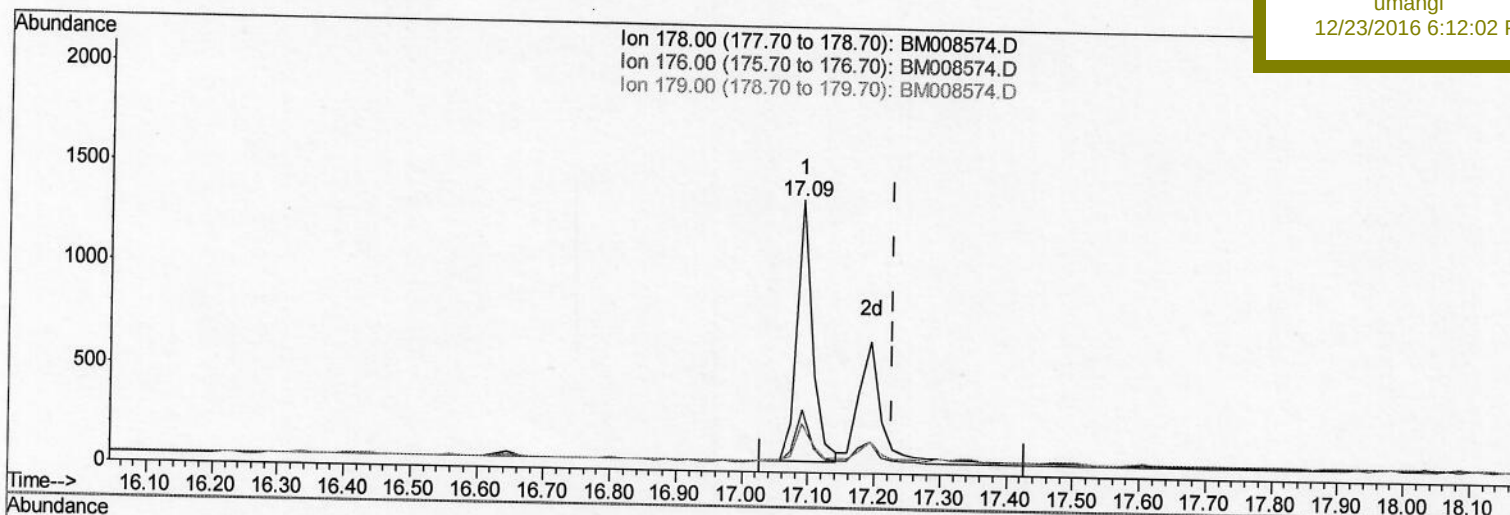
DA856DL

Manual Integrations

APPROVED

umangi

12/23/2016 6:12:02 PM



(13) Anthracene

17.090min (-0.137) 0.60ng/ul

response 2110

Ion	Exp%	Act%
178.00	100	100
176.00	22.60	23.41
179.00	18.40	18.37
0.00	0.00	0.00

Quantitation Report (Qedit)

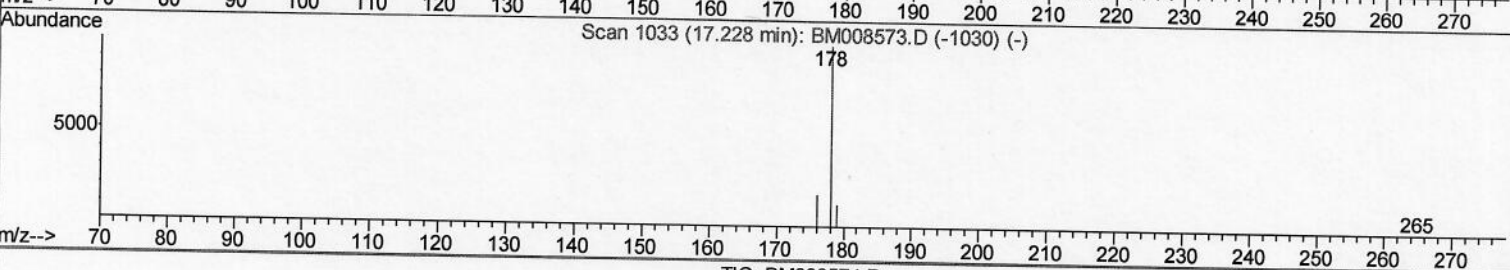
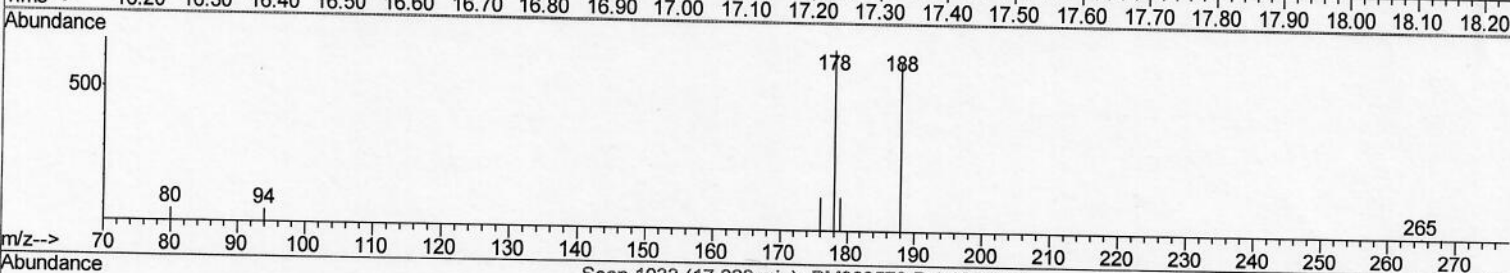
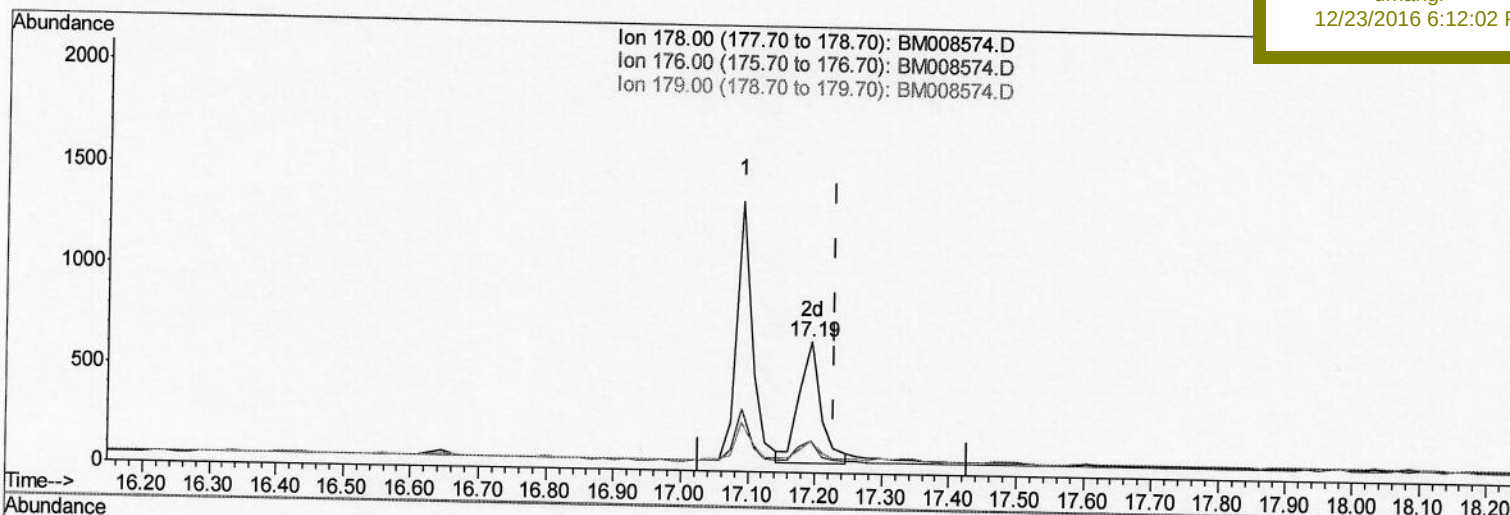
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122216\
 Data File : BM008574.D
 Acq On : 23 Dec 2016 02:16
 Operator : UM/SJ
 Sample : H5970-17DL 5X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Quant Time: Dec 23 05:53:25 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 23 05:50:04 2016
 Response via : Initial Calibration

Instrument :
 BNA_M
 ClientSampleId :
 DA856DL

Manual Integrations
 APPROVED

umangi
 12/23/2016 6:12:02 PM



TIC: BM008574.D

(13) Anthracene

17.193min (-0.034) 0.39ng/ul m

response 1371

Ion	Exp%	Act%
178.00	100	100
176.00	22.60	24.28
179.00	18.40	24.28#
0.00	0.00	0.00

S.S
 12/23/16

Quantitation Report (Qedit)

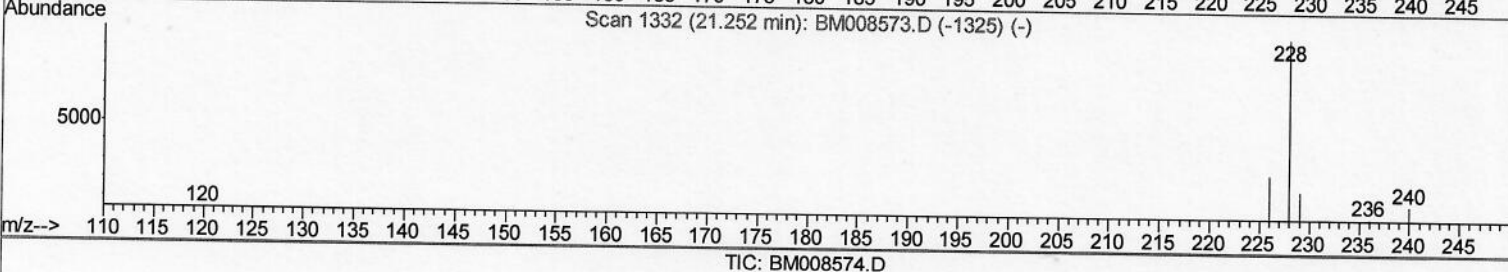
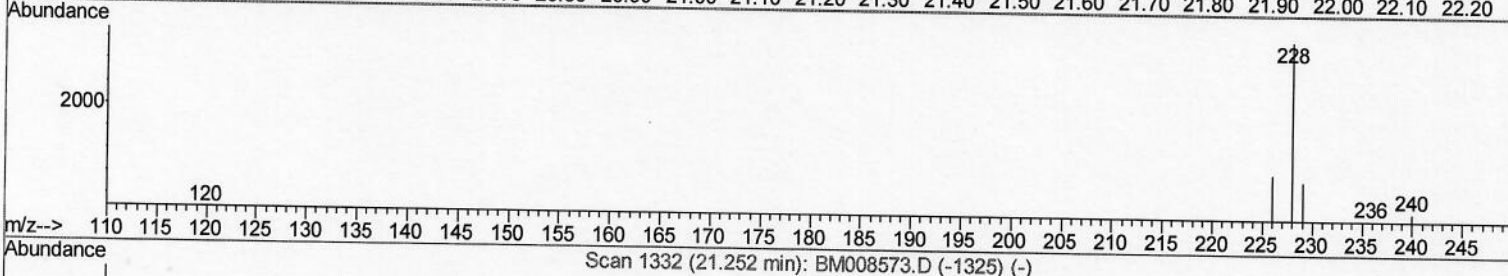
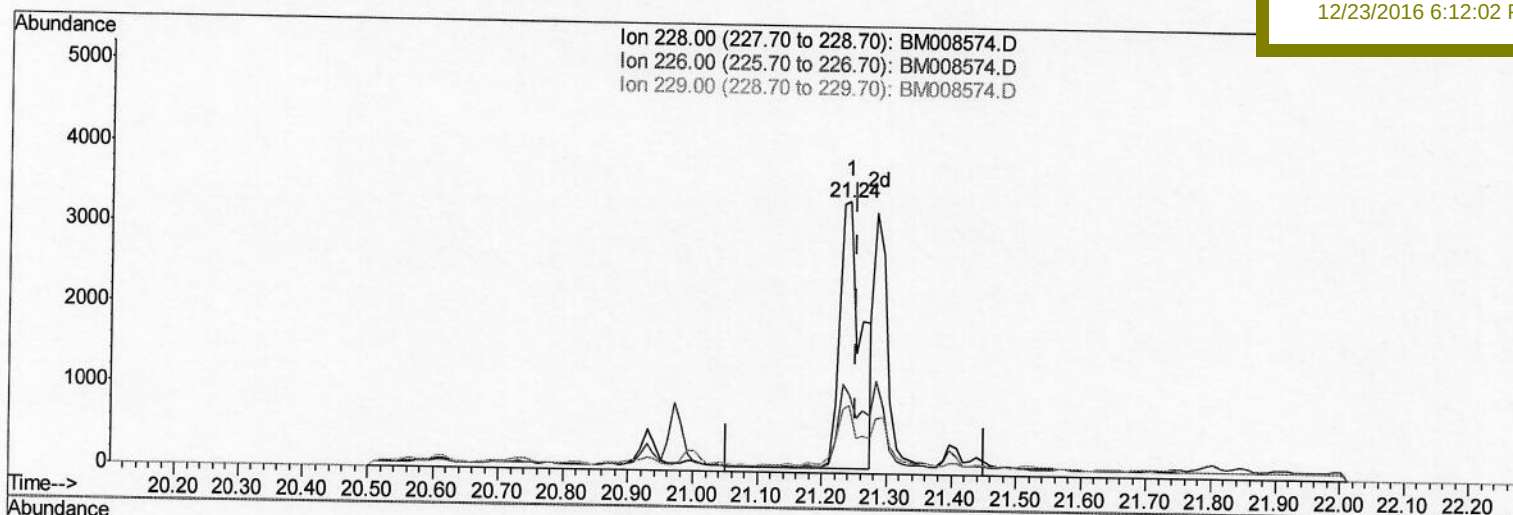
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122216\
 Data File : BM008574.D
 Acq On : 23 Dec 2016 02:16
 Operator : UM/SJ
 Sample : H5970-17DL 5X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA856DL

Quant Time: Dec 23 05:53:25 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 23 05:50:04 2016
 Response via : Initial Calibration

Manual Integrations
 APPROVED

umangi
 12/23/2016 6:12:02 PM



(18) Benzo(a)anthracene

21.242min (-0.010) 1.89ng/ul

response 7788

Ion	Exp%	Act%
228.00	100	100
226.00	28.50	28.84
229.00	21.30	24.73
0.00	0.00	0.00

Quantitation Report (Qedit)

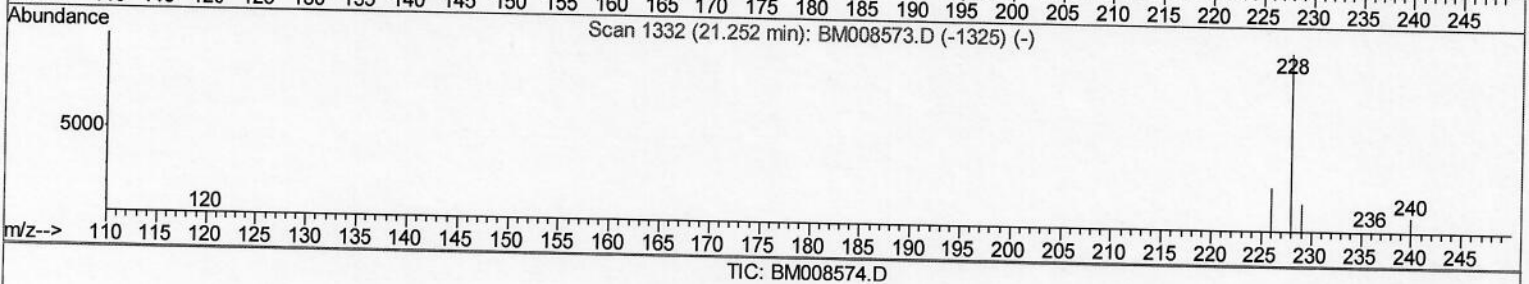
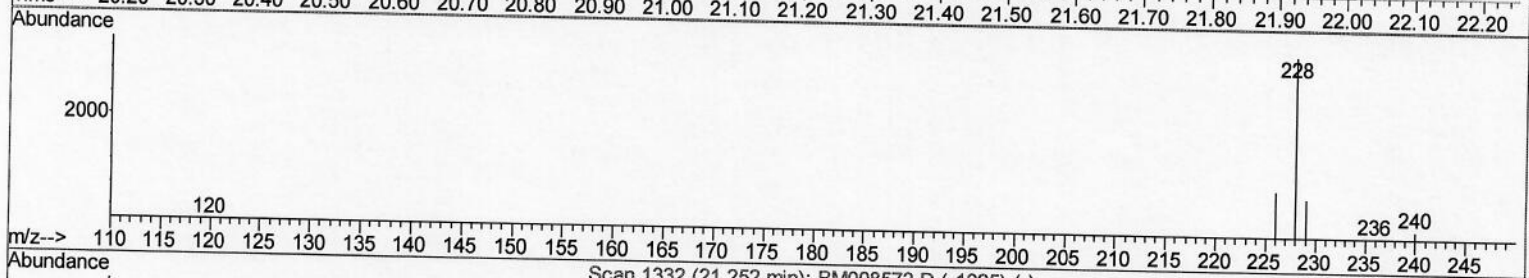
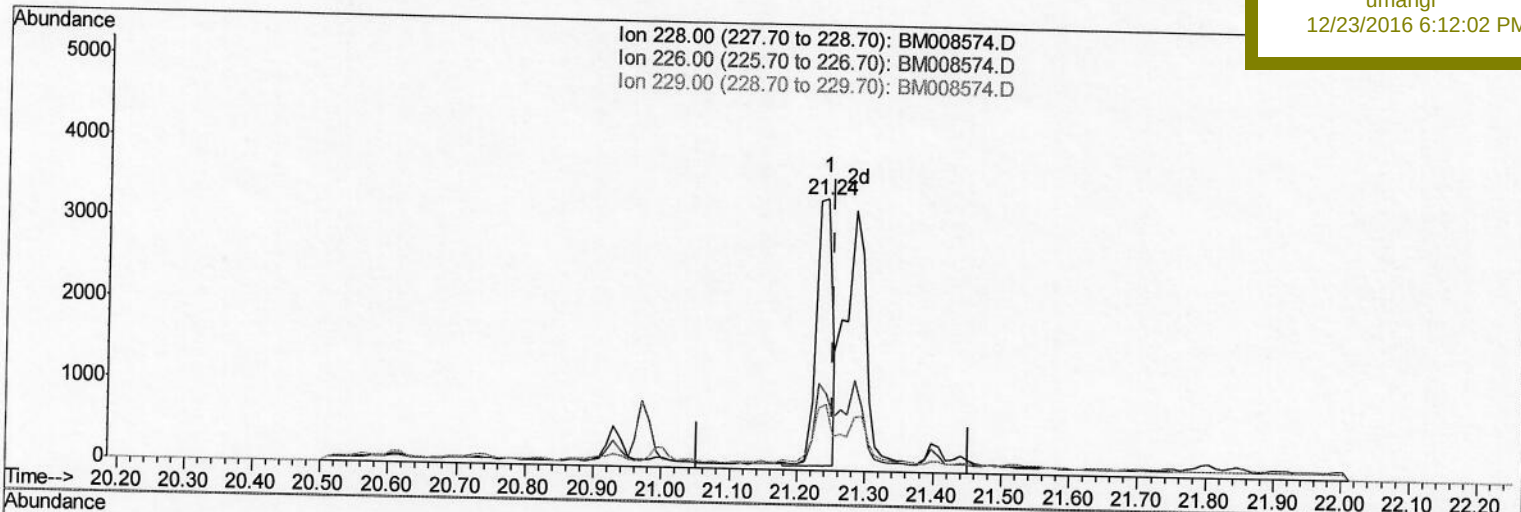
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122216\
 Data File : BM008574.D
 Acq On : 23 Dec 2016 02:16
 Operator : UM/SJ
 Sample : H5970-17DL 5X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA856DL

Manual Integrations
 APPROVED

umangi
 12/23/2016 6:12:02 PM

Quant Time: Dec 23 05:53:25 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 23 05:50:04 2016
 Response via : Initial Calibration



(18) Benzo(a)anthracene

21.242min (-0.010) 1.35ng/ul m

response 5566

Ion	Exp%	Act%
228.00	100	100
226.00	28.50	28.84
229.00	21.30	24.73
0.00	0.00	0.00

SJ
 12/23/16

TIC: BM008574.D

Quantitation Report (Qedit)

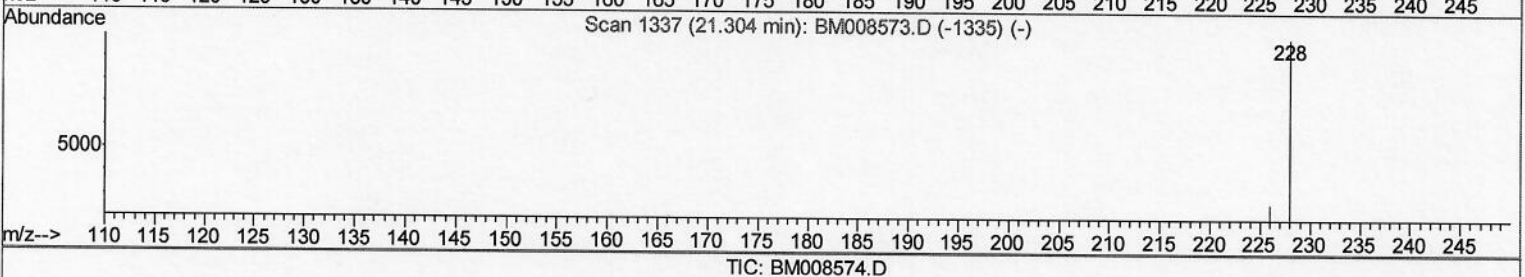
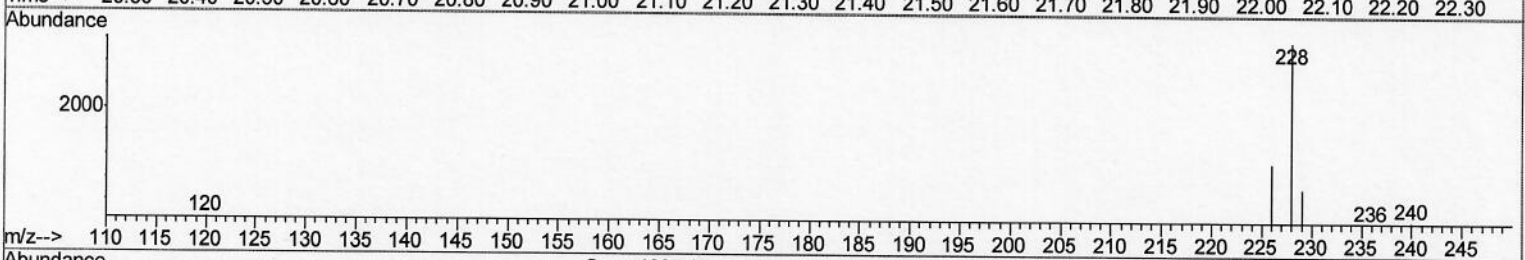
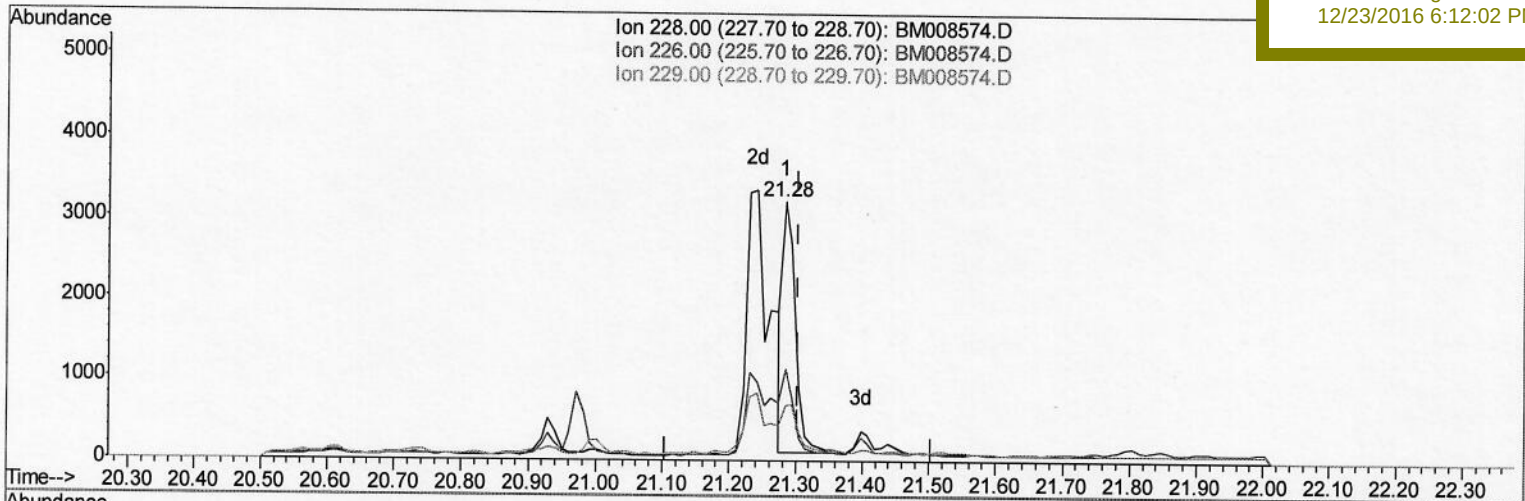
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122216\
Data File : BM008574.D
Acq On : 23 Dec 2016 02:16
Operator : UM/SJ
Sample : H5970-17DL 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Dec 23 05:53:25 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 23 05:50:04 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
DA856DL

Manual Integrations
APPROVED

umangi
12/23/2016 6:12:02 PM



(19) Chrysene

21.283min (-0.021) 0.95ng/ul

response 4268

Ion	Exp%	Act%
228.00	100	100
226.00	29.20	34.93
229.00	22.10	20.87
0.00	0.00	0.00

Quantitation Report (Qedit)

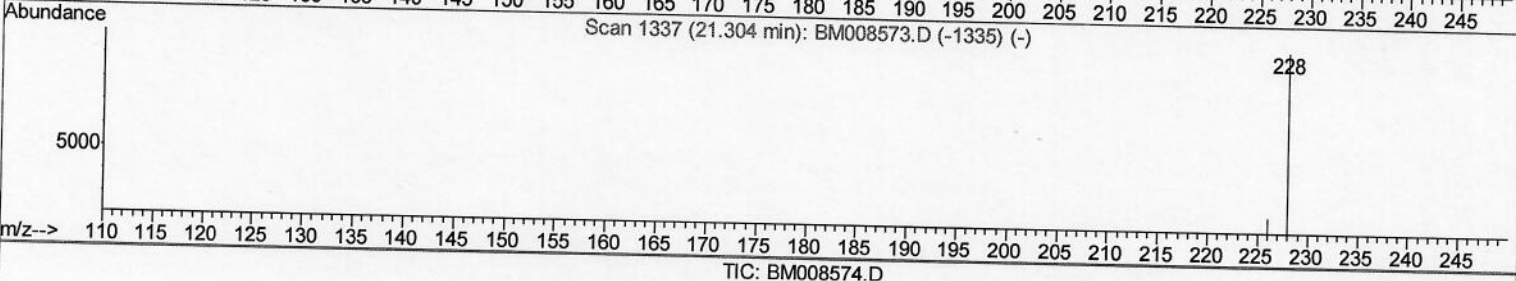
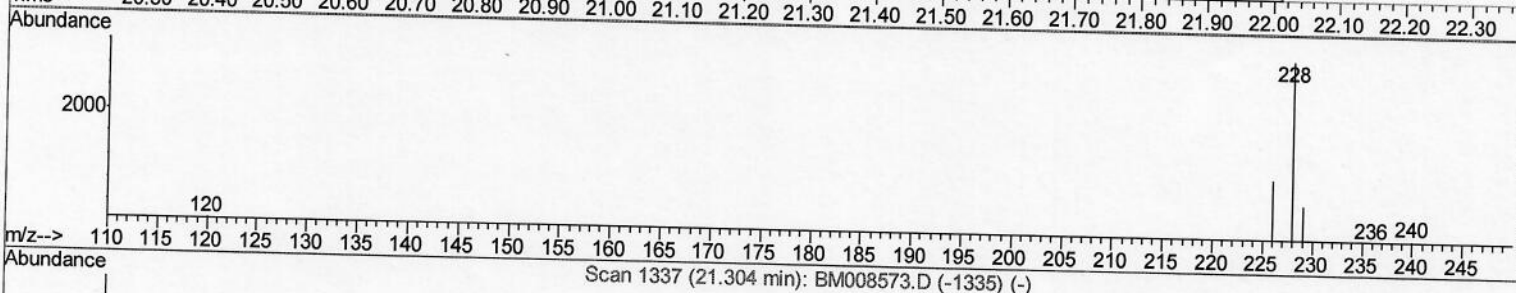
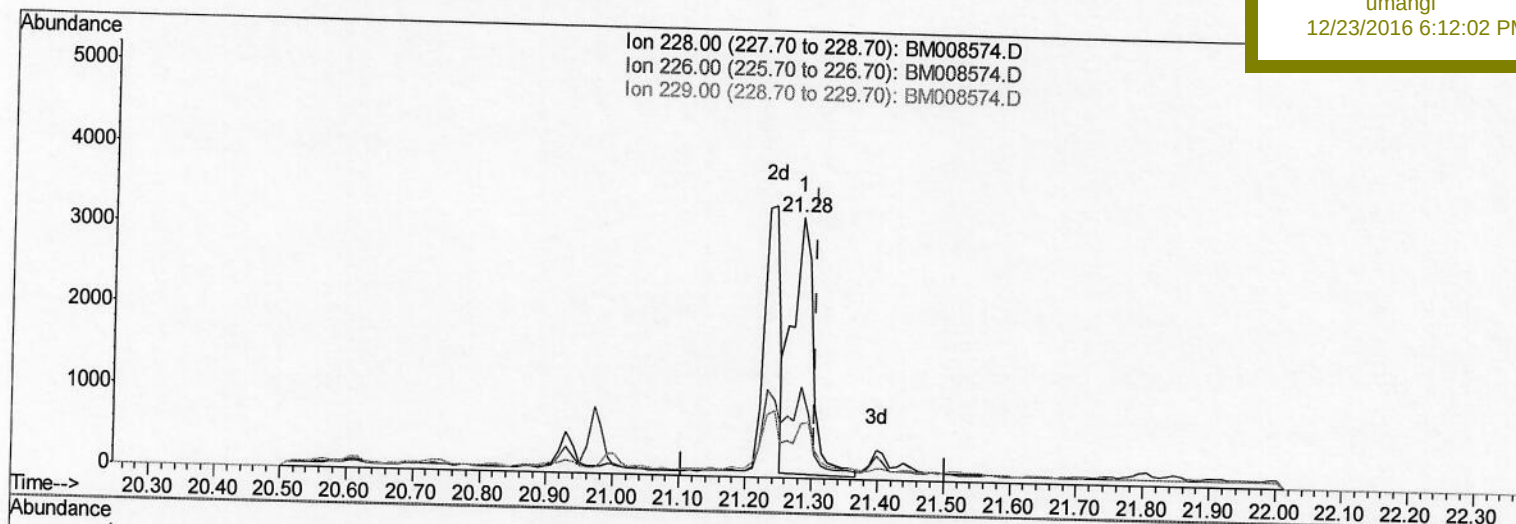
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122216\
 Data File : BM008574.D
 Acq On : 23 Dec 2016 02:16
 Operator : UM/SJ
 Sample : H5970-17DL 5X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Quant Time: Dec 23 05:53:25 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 23 05:50:04 2016
 Response via : Initial Calibration

Instrument :
 BNA_M
 ClientSampleId :
 DA856DL

Manual Integrations
 APPROVED

umangi
 12/23/2016 6:12:02 PM



(19) Chrysene

21.283min (-0.021) 1.53ng/ul m

response 6923

Ion	Exp%	Act%
228.00	100	100
226.00	29.20	34.93
229.00	22.10	20.87
0.00	0.00	0.00

S.S
 12/23/16

Quantitation Report (Qedit)

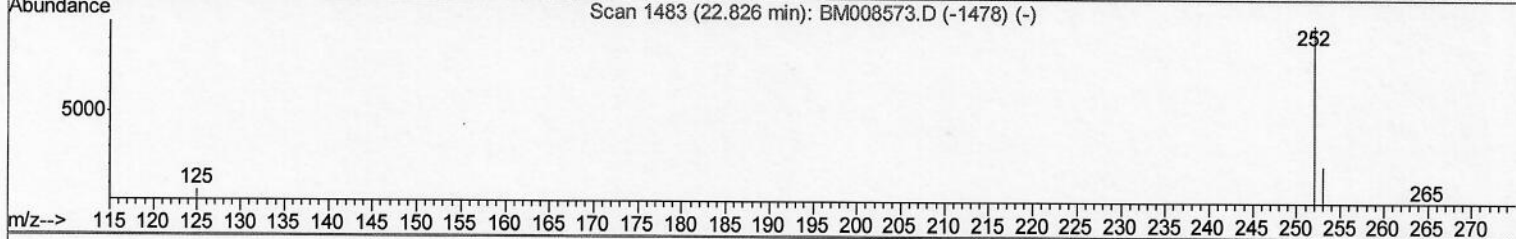
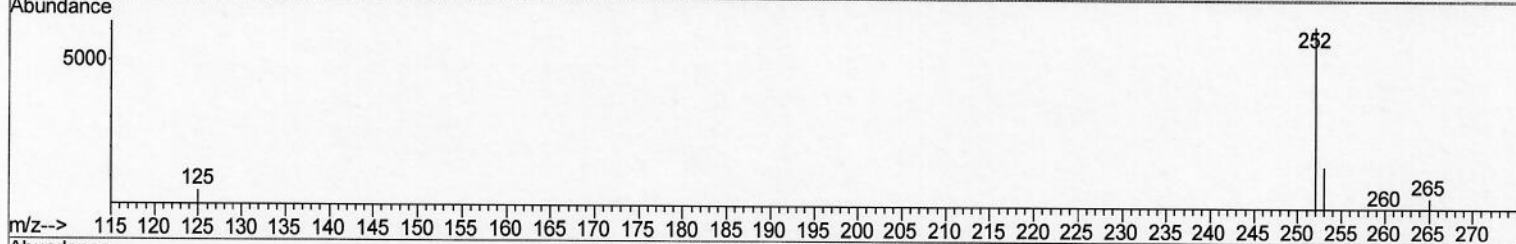
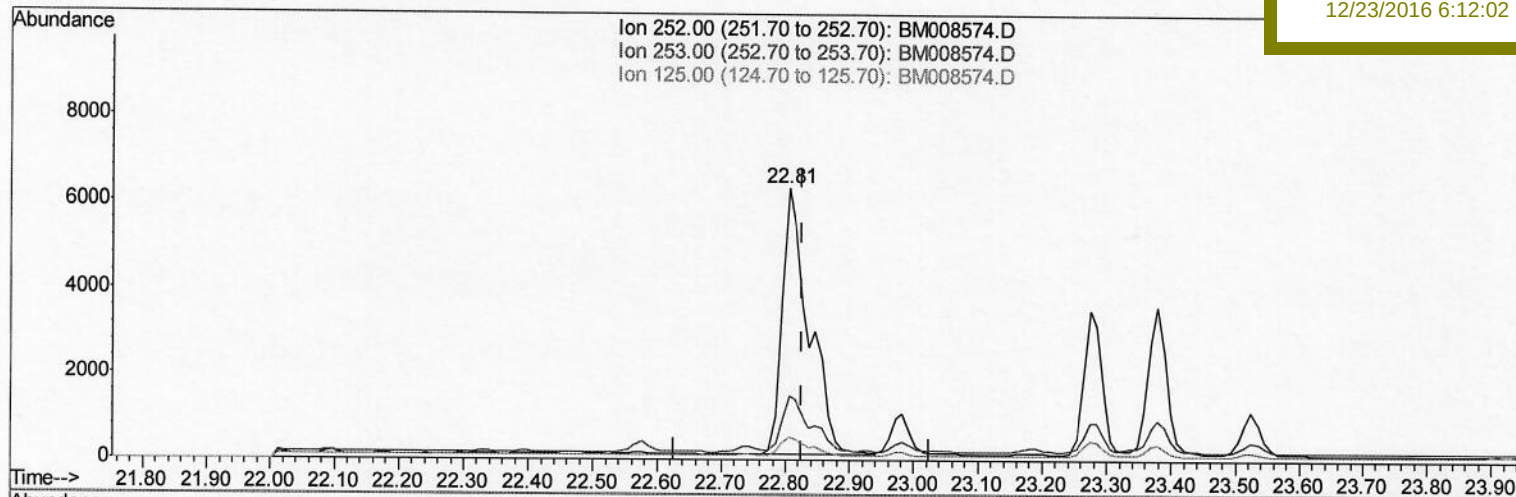
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122216\
 Data File : BM008574.D
 Acq On : 23 Dec 2016 02:16
 Operator : UM/SJ
 Sample : H5970-17DL 5X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Quant Time: Dec 23 05:53:25 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 23 05:50:04 2016
 Response via : Initial Calibration

Instrument :
 BNA_M
 ClientSampleId :
 DA856DL

Manual Integrations
 APPROVED

umangi
 12/23/2016 6:12:02 PM



TIC: BM008574.D

(21) Benzo(b)fluoranthene
 22.805min (-0.021) 3.22ng/ul
 response 17997

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	23.85
125.00	17.50	8.78
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122216\
 Data File : BM008574.D
 Acq On : 23 Dec 2016 02:16
 Operator : UM/SJ
 Sample : H5970-17DL 5X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :

BNA_M

ClientSampleId :

DA856DL

Quant Time: Dec 23 05:53:25 2016

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

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

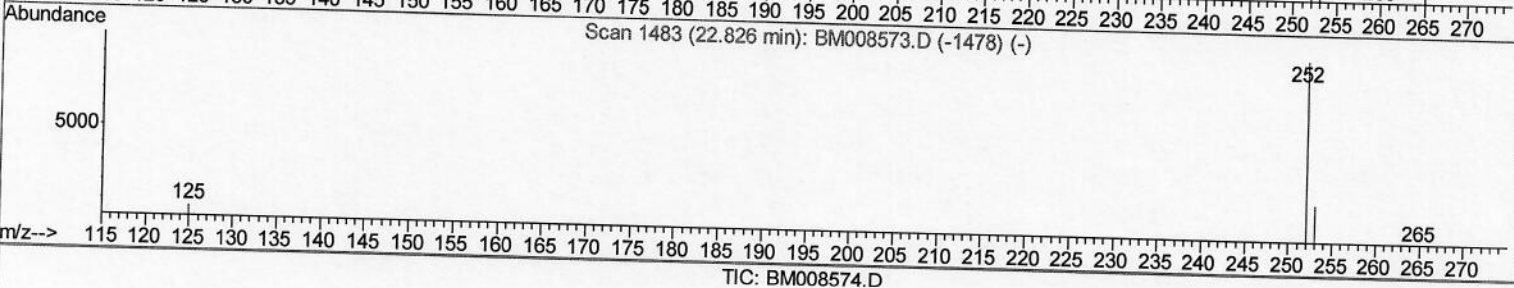
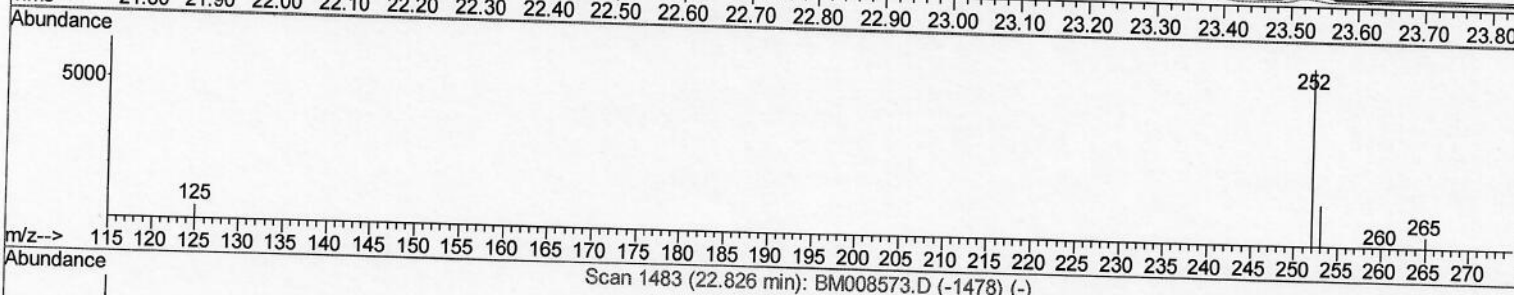
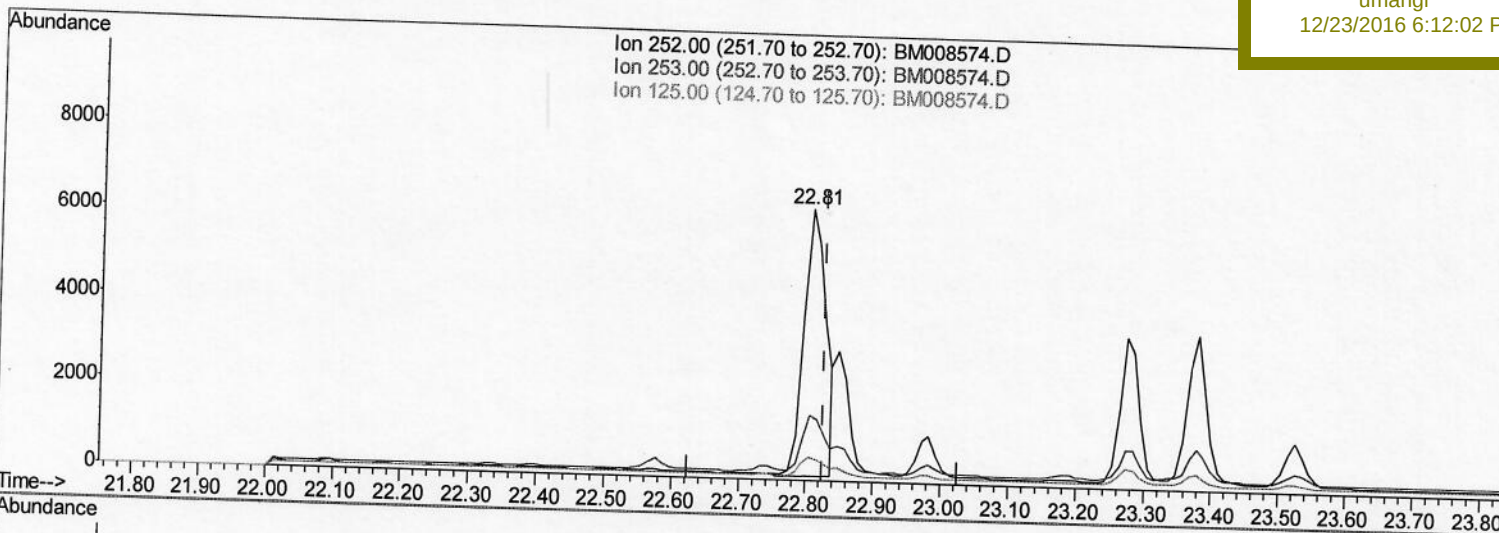
QLast Update : Fri Dec 23 05:50:04 2016

Response via : Initial Calibration

Manual Integrations
 APPROVED

umangi

12/23/2016 6:12:02 PM



(21) Benzo(b)fluoranthene

22.805min (-0.021) 2.52ng/ul m

response 14084

Ion Exp% Act%

252.00 100 100

253.00 32.10 23.85

125.00 17.50 8.78

0.00 0.00 0.00

SJ
 12/23/16

Quantitation Report (Qedit)

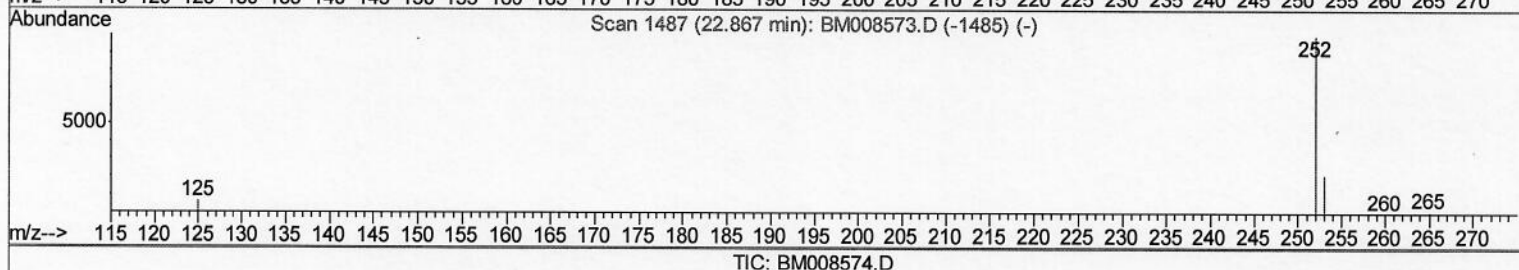
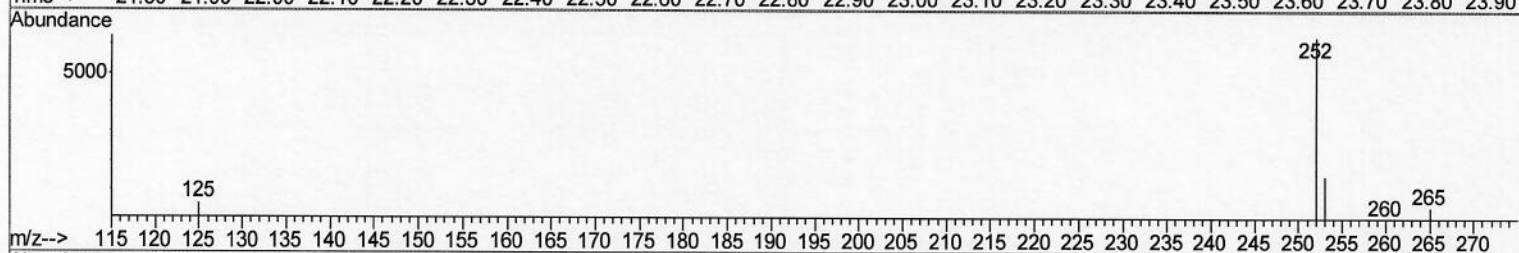
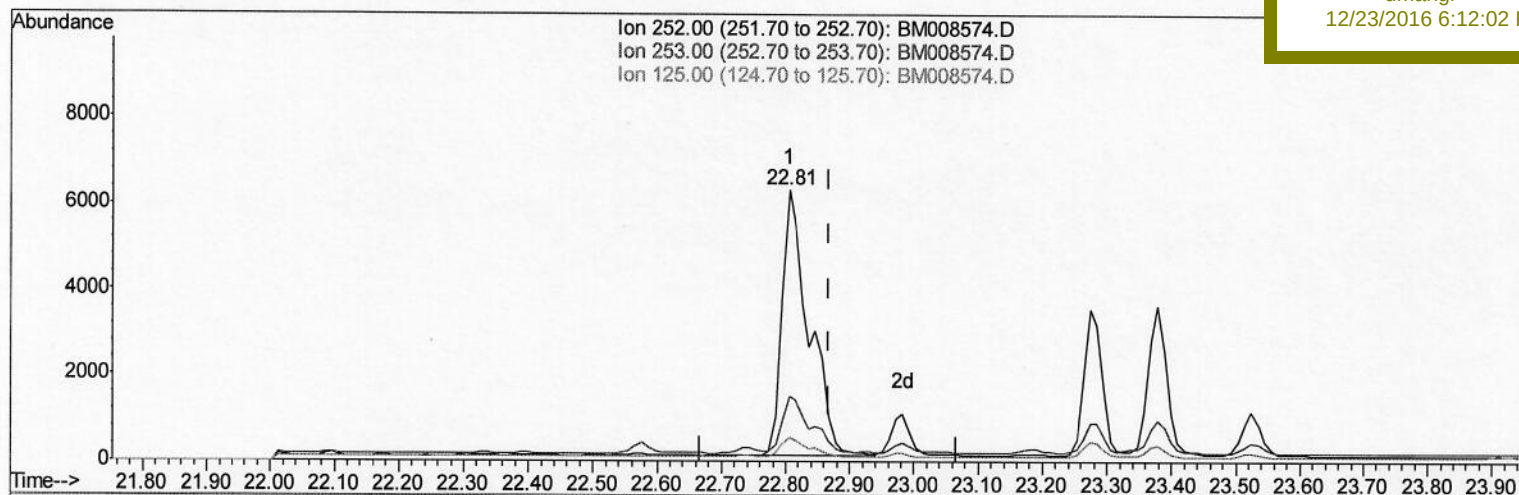
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122216\
 Data File : BM008574.D
 Acq On : 23 Dec 2016 02:16
 Operator : UM/SJ
 Sample : H5970-17DL 5X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Quant Time: Dec 23 05:53:25 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 23 05:50:04 2016
 Response via : Initial Calibration

Instrument :
 BNA_M
 ClientSampleId :
 DA856DL

Manual Integrations
 APPROVED

umangi
 12/23/2016 6:12:02 PM



(22) Benzo(k)fluoranthene
 22.805min (-0.062) 3.31ng/ul
 response 17997

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	23.85#
125.00	17.10	8.78#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122216\
 Data File : BM008574.D
 Acq On : 23 Dec 2016 02:16
 Operator : UM/SJ
 Sample : H5970-17DL 5X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :

BNA_M

Client Sampled :

DA856DL

Quant Time: Dec 23 05:53:25 2016

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

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

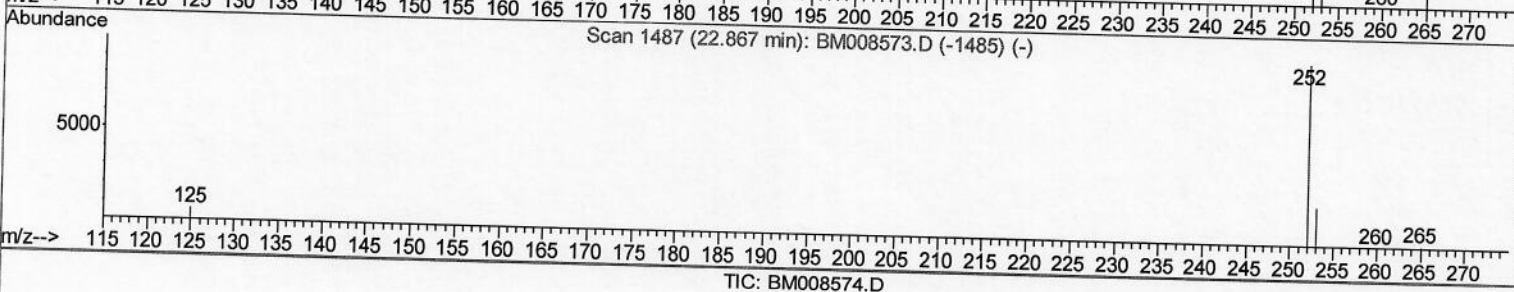
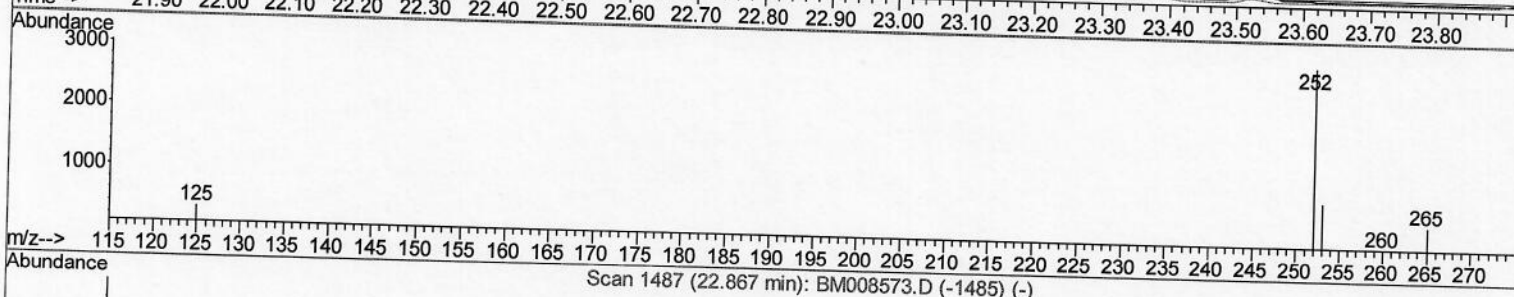
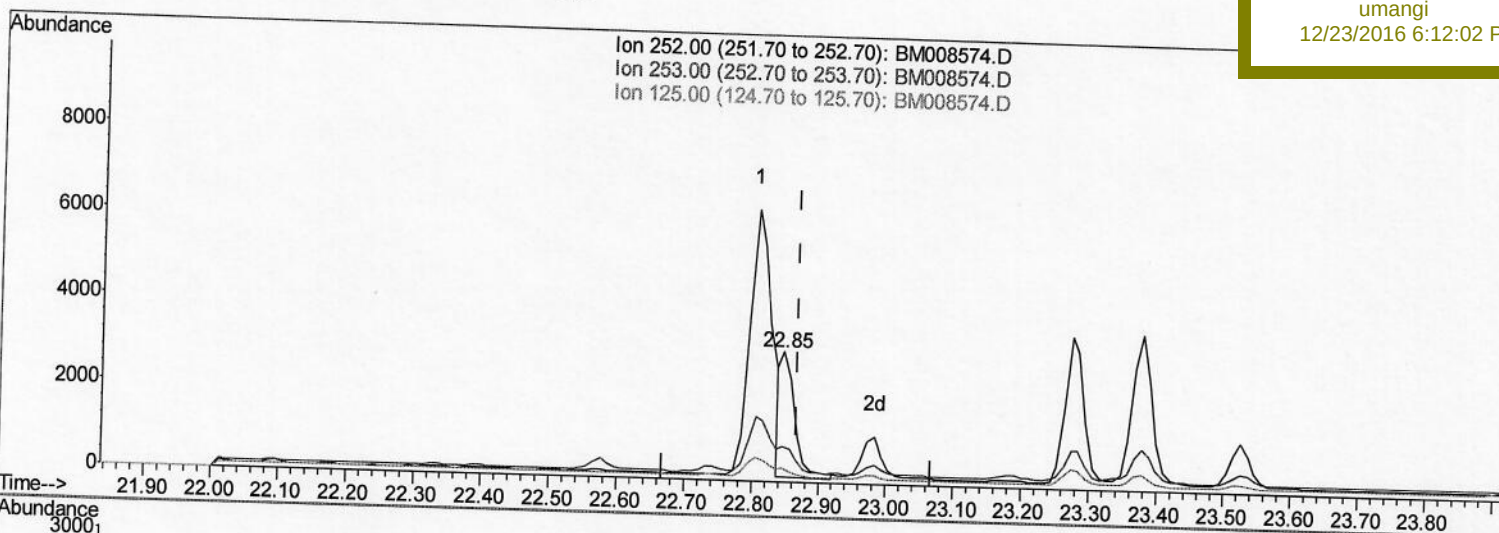
QLast Update : Fri Dec 23 05:50:04 2016

Response via : Initial Calibration

Manual Integrations
 APPROVED

umangi

12/23/2016 6:12:02 PM



(22) Benzo(k)fluoranthene

22.847min (-0.021) 0.79ng/ul m

response 4298

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	27.06
125.00	17.10	10.51#
0.00	0.00	0.00

SJ
12/23/16

Quantitation Report (Qedit)

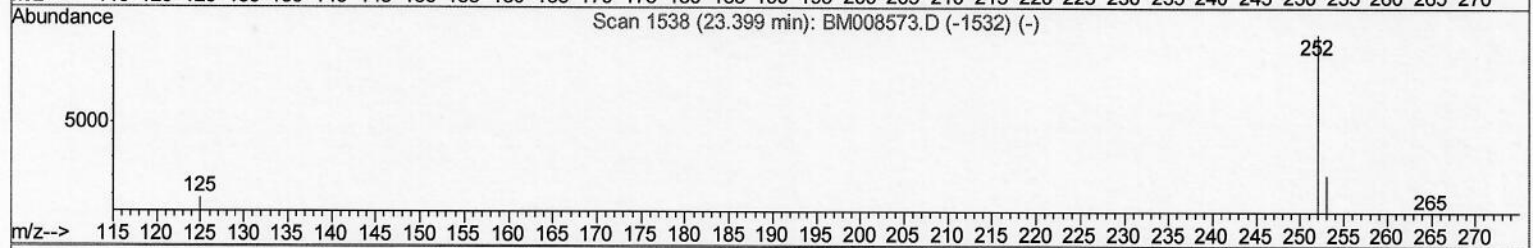
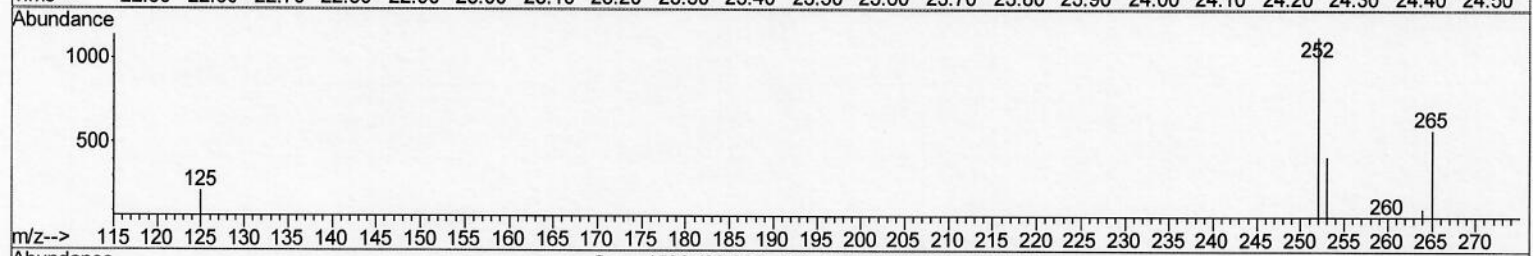
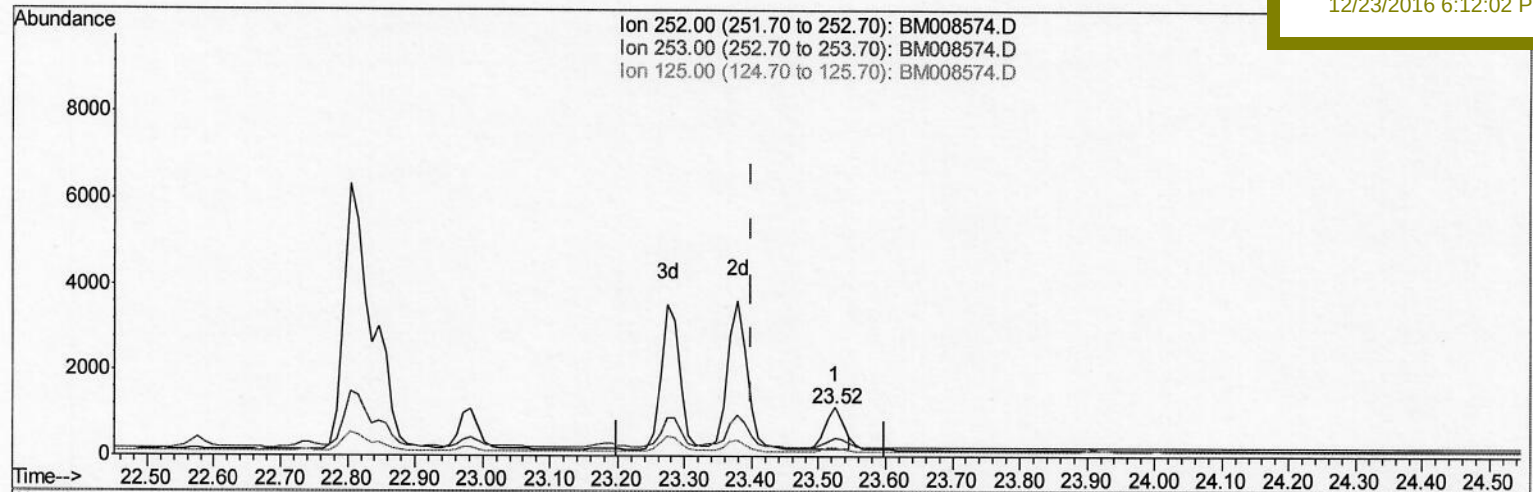
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122216\
 Data File : BM008574.D
 Acq On : 23 Dec 2016 02:16
 Operator : UM/SJ
 Sample : H5970-17DL 5X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Quant Time: Dec 23 05:53:25 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 23 05:50:04 2016
 Response via : Initial Calibration

Instrument :
 BNA_M
 ClientSampleId :
 DA856DL

Manual Integrations
 APPROVED

umangi
 12/23/2016 6:12:02 PM



(23) Benzo(a)pyrene (C)

23.524min (+0.125) 0.36ng/ul

response 1864

Ion	Exp%	Act%
252.00	100	100
253.00	35.60	37.39
125.00	22.60	18.74
0.00	0.00	0.00

Quantitation Report (Qedit)

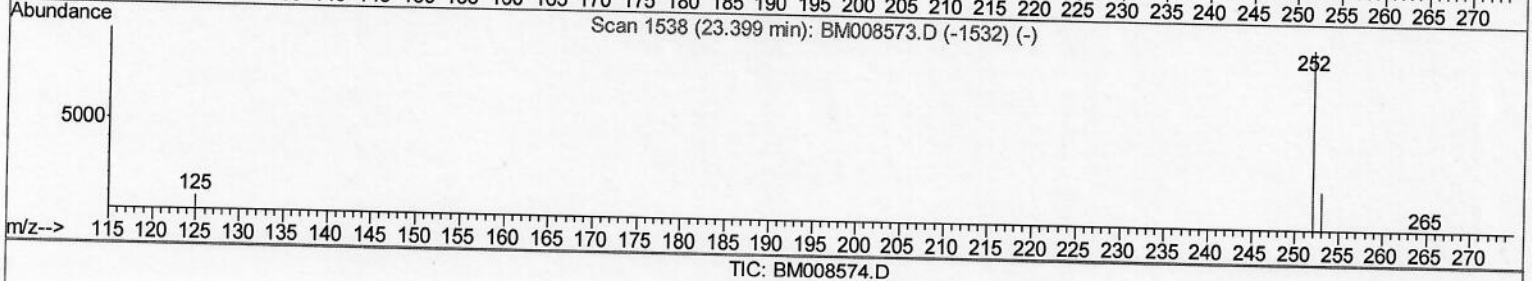
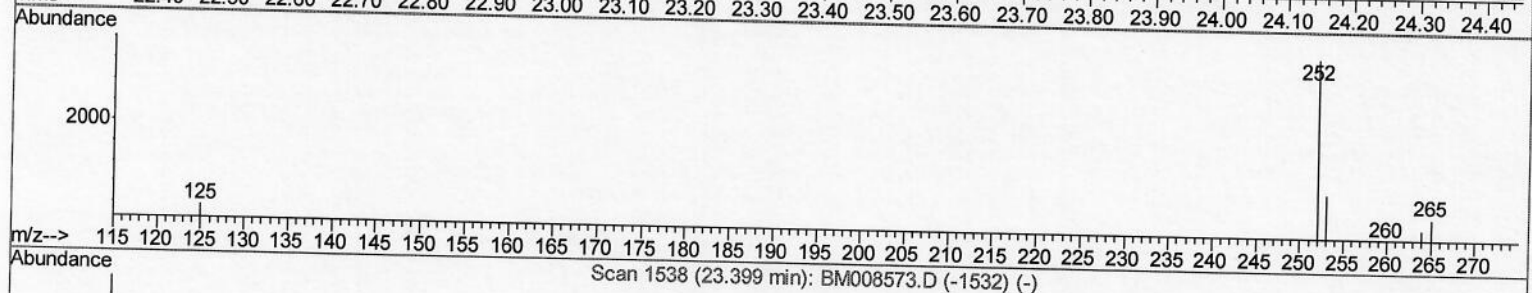
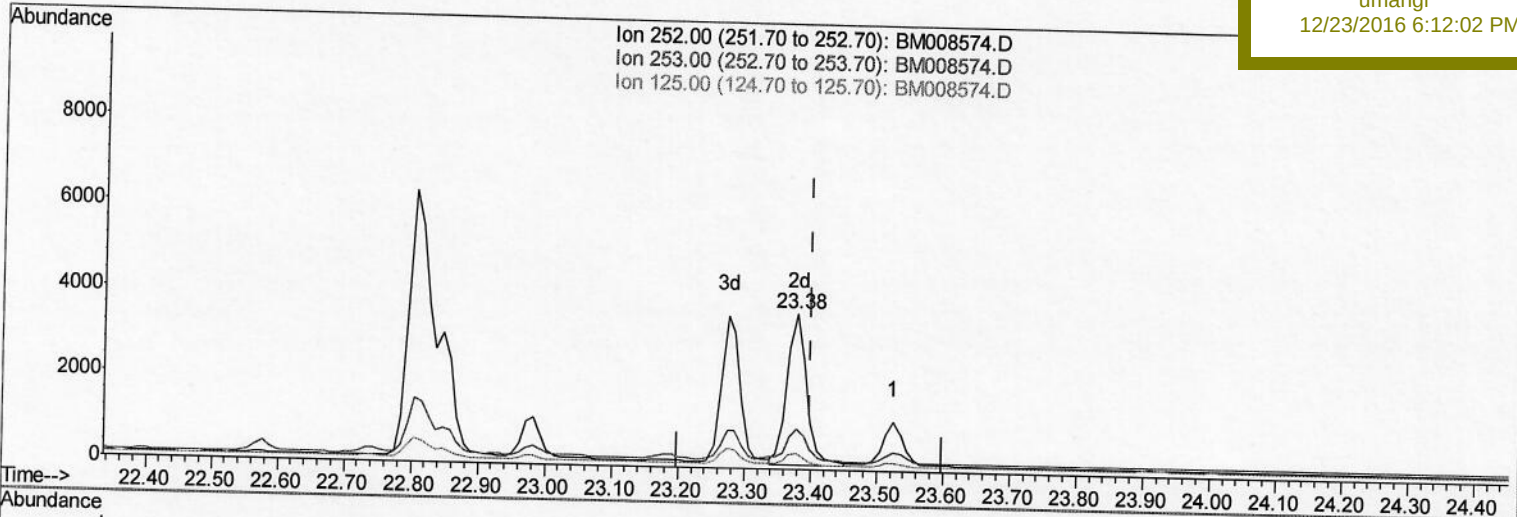
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122216\
 Data File : BM008574.D
 Acq On : 23 Dec 2016 02:16
 Operator : UM/SJ
 Sample : H5970-17DL 5X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA856DL

Manual Integrations
 APPROVED

umangi
 12/23/2016 6:12:02 PM

Quant Time: Dec 23 05:53:25 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 23 05:50:04 2016
 Response via : Initial Calibration



(23) Benzo(a)pyrene (C)

23.378min (-0.021) 1.40ng/ul m

response 7233

Ion	Exp%	Act%
252.00	100	100
253.00	35.60	26.60#
125.00	22.60	10.28#
0.00	0.00	0.00

SS
 12/23/16

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122216\
 Data File : BM008574.D
 Acq On : 23 Dec 2016 02:16
 Operator : UM/SJ
 Sample : H5970-17DL 5X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA856DL

Manual Integrations
 APPROVED

umangi
 12/23/2016 6:12:02 PM

Quant Time: Dec 23 05:57:16 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 05:50:04 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	369	0.40	ng/ul	-0.06
2) Naphthalene-d8	10.45	136	1140	0.40	ng/ul	-0.04
6) Acenaphthene-d10	14.30	164	665	0.40	ng/ul	-0.02
10) Phenanthrene-d10	17.06	188	1179	0.40	ng/ul	-0.02
16) Chrysene-d12	21.25	240	1256	0.40	ng/ul	-0.02
20) Perylene-d12	23.48	264	1417	0.40	ng/ul	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.07	152	84	0.05	ng/ul	-0.02
14) Fluoranthene-d10	19.10	212	231	0.07	ng/ul	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	10.50	128	435	0.14	ng/ul#	52
5) 2-Methylnaphthalene	12.14	142	422	0.20	ng/ul	95
7) Acenaphthylene	14.01	152	903	0.30	ng/ul#	85
8) Acenaphthene	14.35	153	156	0.07	ng/ul#	81
9) Fluorene	15.36	166	186	0.07	ng/ul#	74
12) Phenanthrene	17.09	178	2135	0.59	ng/ul	98
13) Anthracene	17.19	178	1371m	0.39	ng/ul	
15) Fluoranthene	19.12	202	4902	1.11	ng/ul	96
17) Pyrene	19.48	202	8231	1.70	ng/ul	97
18) Benzo(a)anthracene	21.24	228	5566m	1.35	ng/ul	
19) Chrysene	21.28	228	6923m	1.53	ng/ul	
21) Benzo(b)fluoranthene	22.81	252	14084m	2.52	ng/ul	
22) Benzo(k)fluoranthene	22.85	252	4298m	0.79	ng/ul	
23) Benzo(a)pyrene	23.38	252	7233m	1.40	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.71	276	5451	0.88	ng/ul#	89
25) Dibenzo(a,h)anthracene	25.71	278	1465	0.30	ng/ul#	87
26) Benzo(g,h,i)perylene	26.40	276	5030	0.95	ng/ul#	92

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

S.S
 12/23/16

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122216\
Data File : BM008574.D
Acq On : 23 Dec 2016 02:16
Operator : UM/SJ
Sample : H5970-17DL 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Dec 23 05:57:16 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 05:50:04 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
DA856DL

Manual Integrations
APPROVED

umangi
12/23/2016 6:12:02 PM

