

Quantitation Report (Qedit)

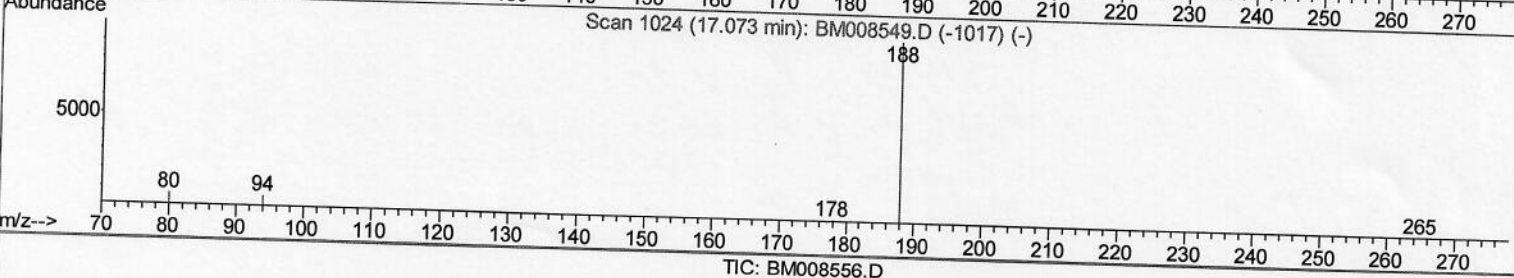
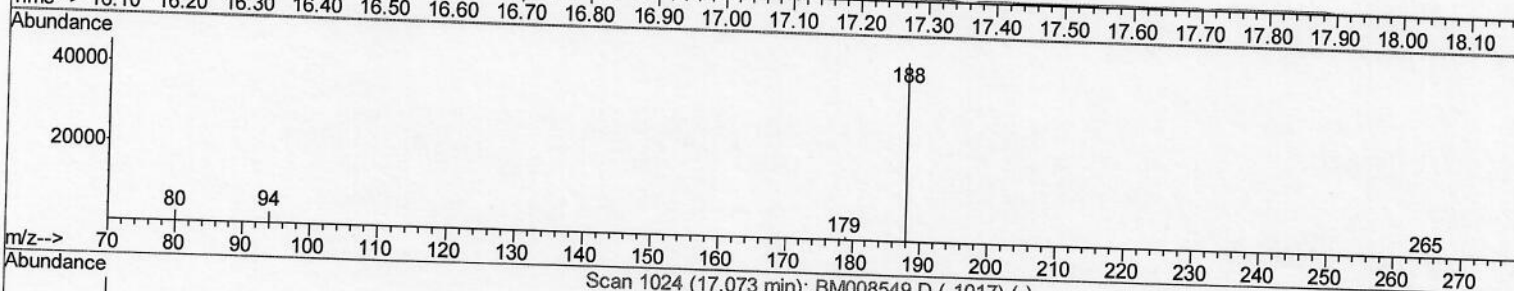
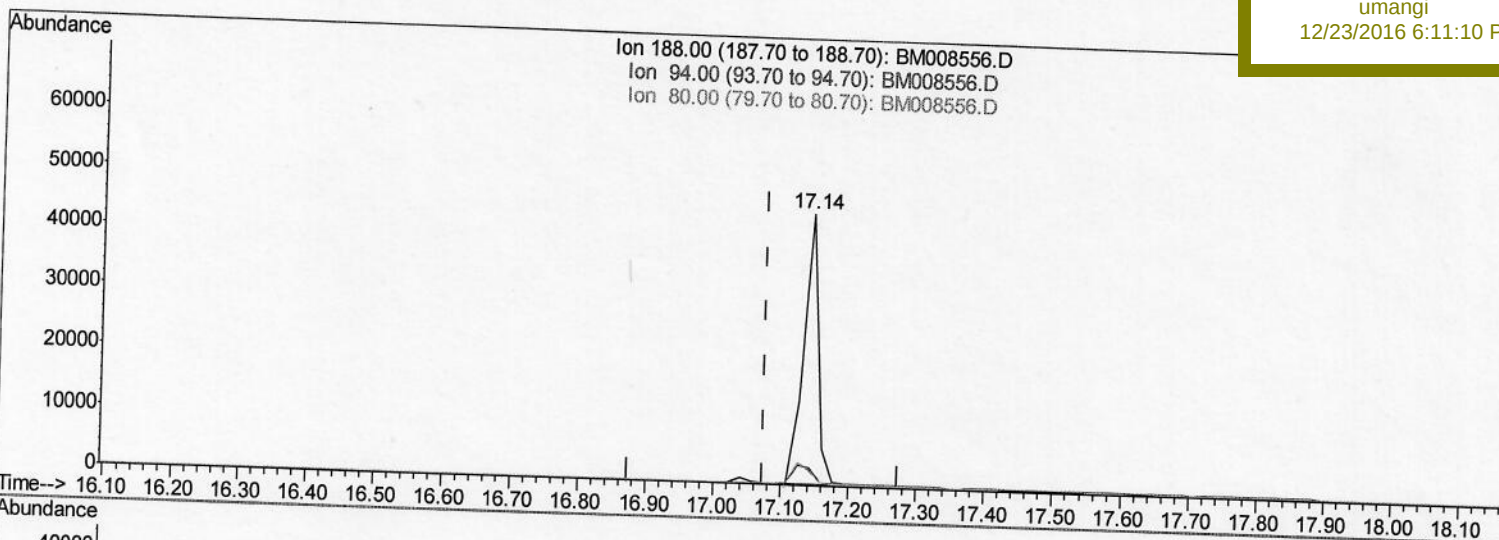
Data Path : Z:\HPCHEM1\BNA_M\Data\BM122216\
 Data File : BM008556.D
 Acq On : 22 Dec 2016 15:20
 Operator : UM/SJ
 Sample : H5938-07
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleID :
 DA827

Manual Integrations
 APPROVED

umangi
 12/23/2016 6:11:10 PM

Quant Time: Dec 22 16:22:13 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 22 13:27:14 2016
 Response via : Initial Calibration



(10) Phenanthrene-d10 (I)
 17.142min (+0.069) 0.40ng/ul
 response 66927

Ion	Exp%	Act%
188.00	100	100
94.00	11.00	6.56#
80.00	11.80	5.56#
0.00	0.00	0.00

Quantitation Report (Qedit)

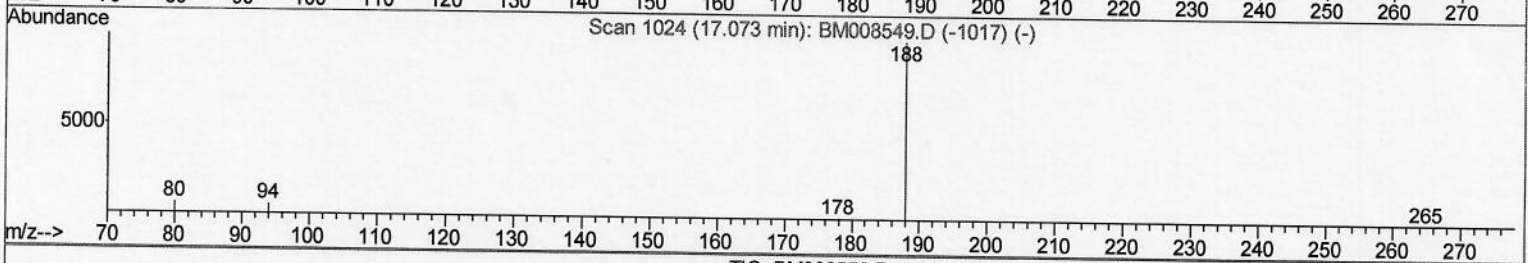
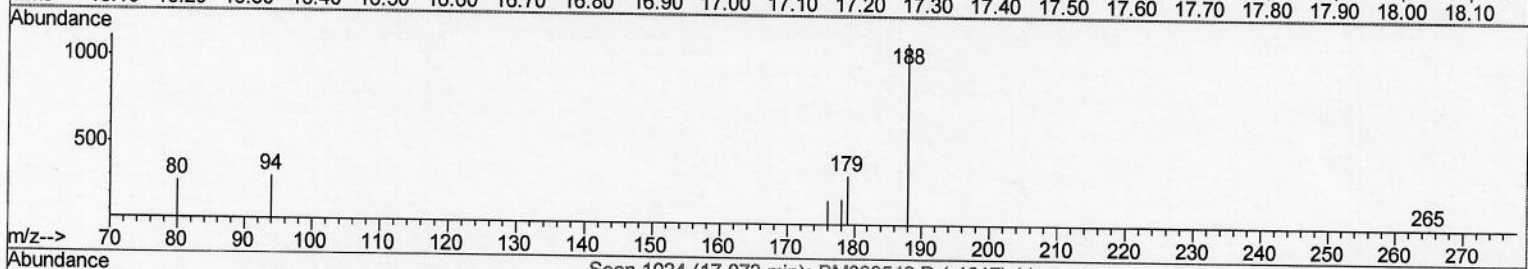
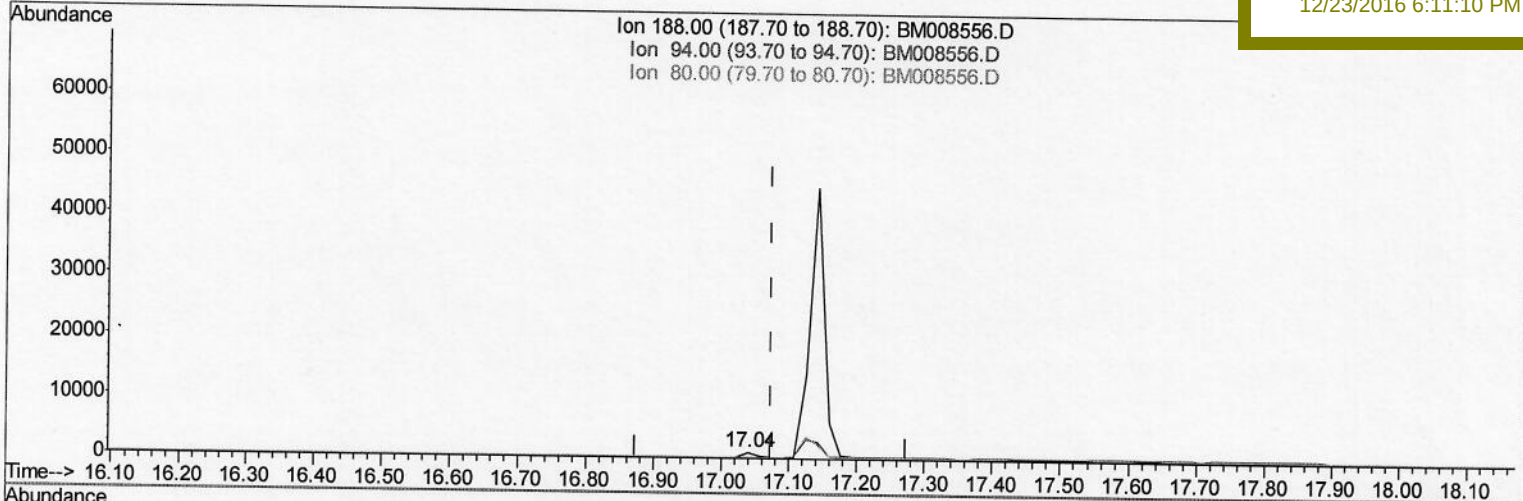
Data Path : Z:\HPCHEM1\BNA_M\Data\BM122216\
 Data File : BM008556.D
 Acq On : 22 Dec 2016 15:20
 Operator : UM/SJ
 Sample : H5938-07
 Misc :
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Instrument :
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(10) Phenanthrene-d10 (I)

17.039min (-0.034) 0.40ng/ul m

response 1415

Ion	Exp%	Act%
188.00	100	100
94.00	11.00	27.54#
80.00	11.80	25.02#
0.00	0.00	0.00

SJ
12/23/16

Quantitation Report (Qedit)

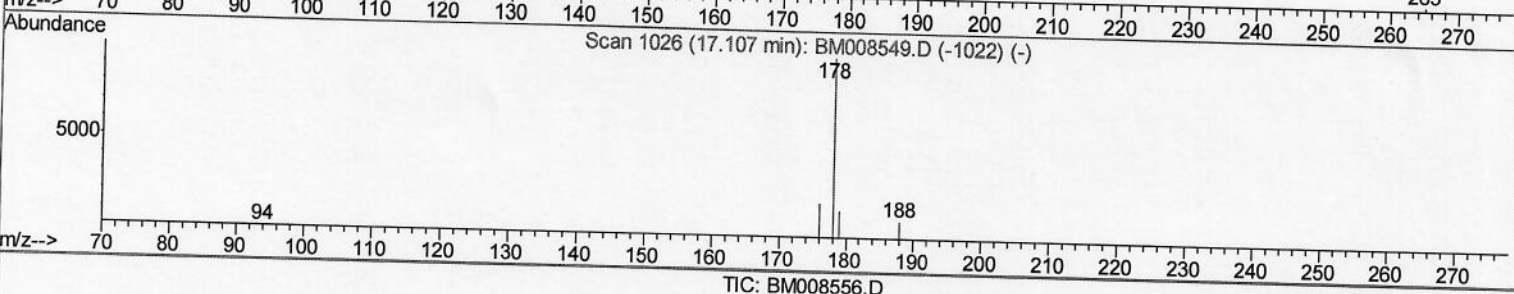
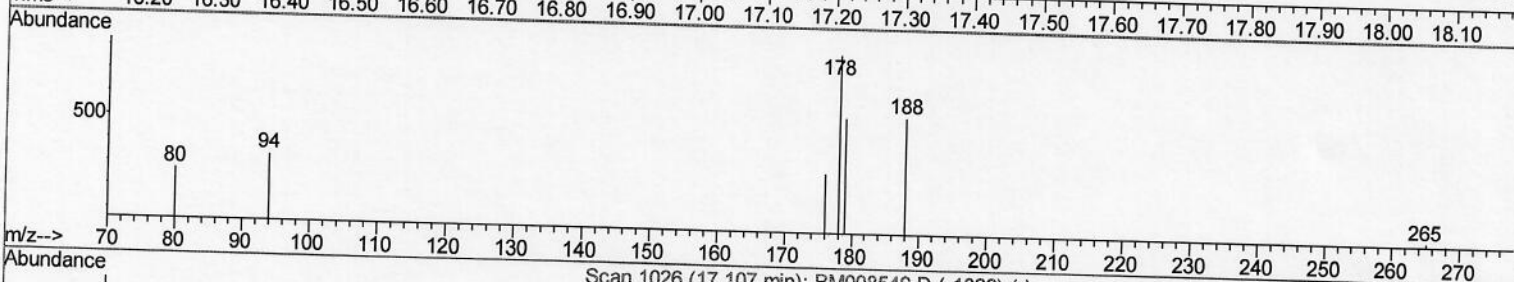
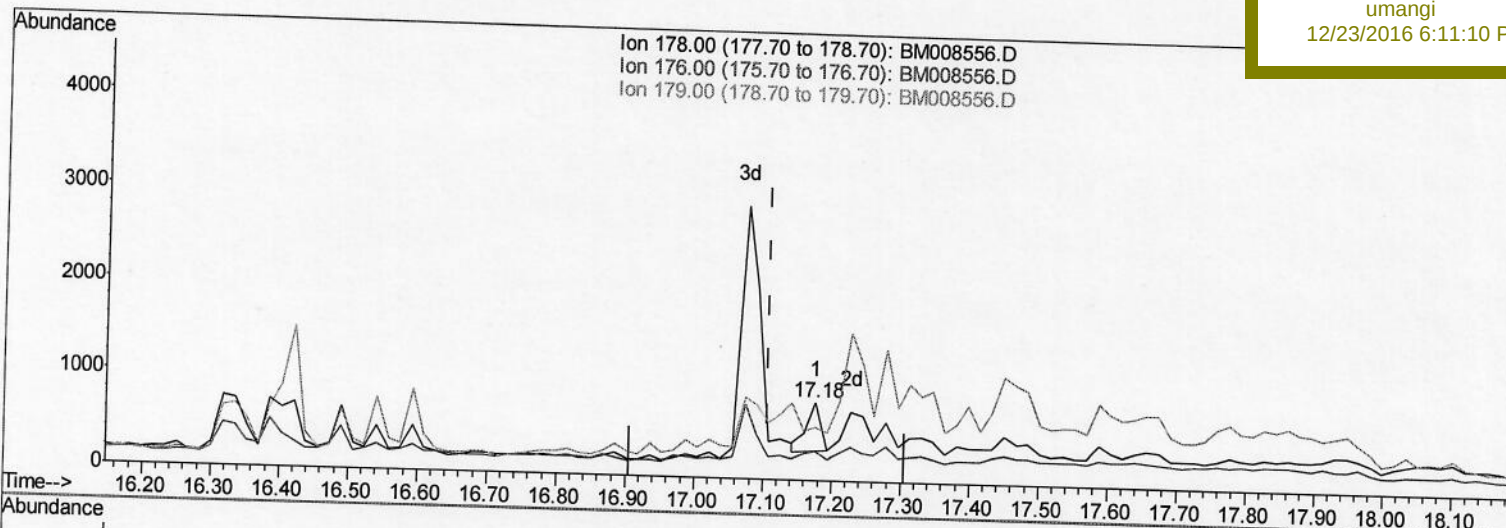
Data Path : Z:\HPCHEM1\BNA_M\Data\BM122216\
 Data File : BM008556.D
 Acq On : 22 Dec 2016 15:20
 Operator : UM/SJ
 Sample : H5938-07
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 Client Sampled :
 DA827

Manual Integrations
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Quant Time: Dec 22 16:24:28 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
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(12) Phenanthrene

17.176min (+0.069) 0.17ng/ul

response 755

Ion	Exp%	Act%
178.00	100	100
176.00	23.00	37.50#
179.00	17.00	66.99#
0.00	0.00	0.00

Quantitation Report (Qedit)

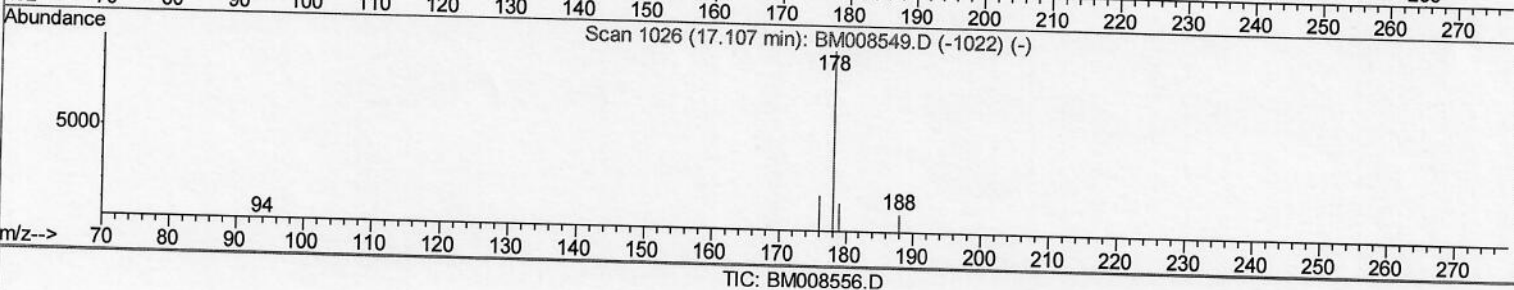
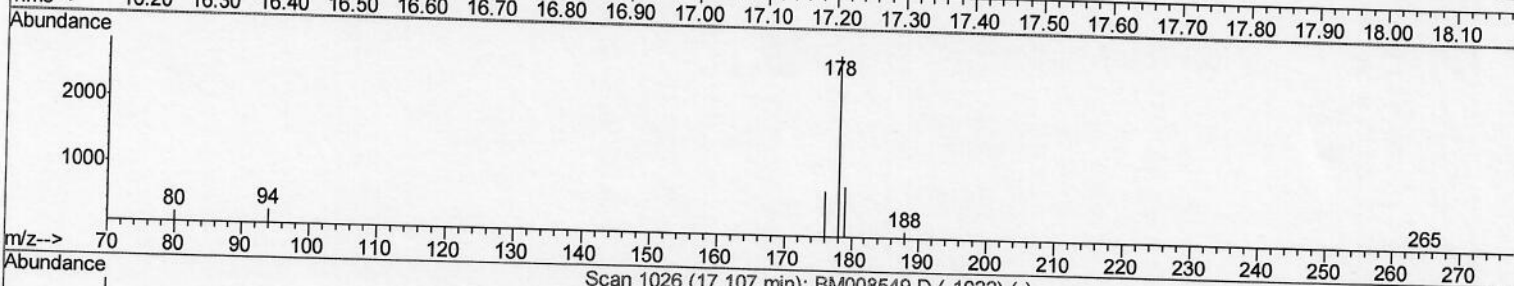
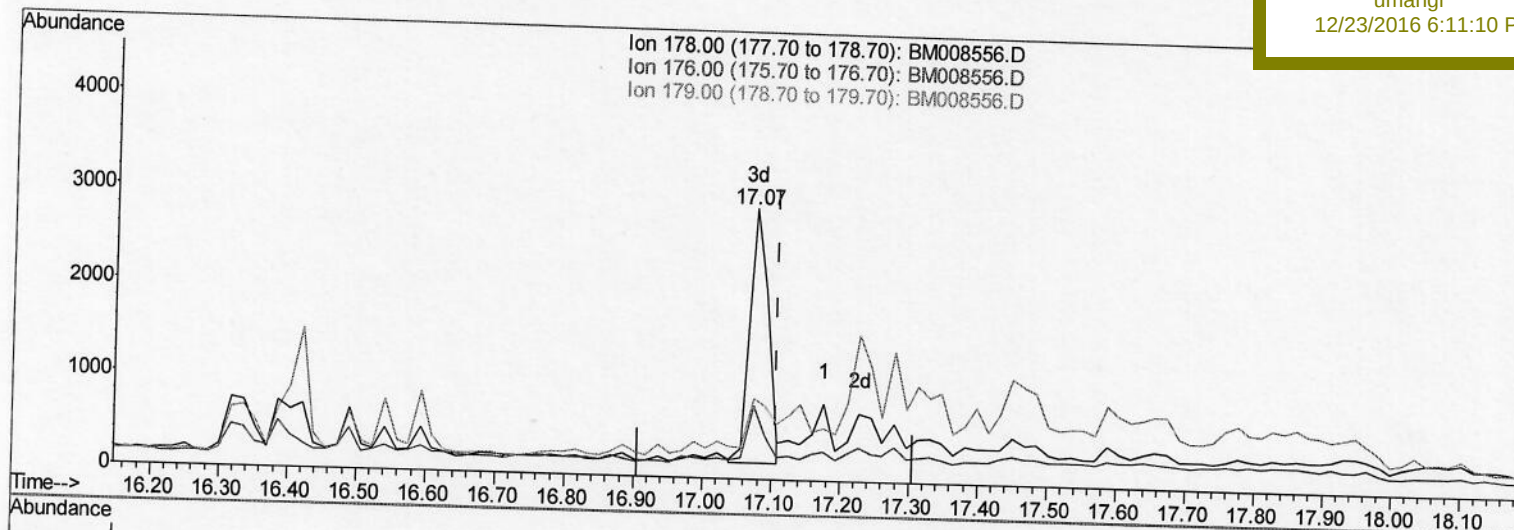
Data Path : Z:\HPCHEM1\BNA_M\Data\BM122216\
 Data File : BM008556.D
 Acq On : 22 Dec 2016 15:20
 Operator : UM/SJ
 Sample : H5938-07
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Manual Integrations
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(12) Phenanthrene

17.073min (-0.034) 1.19ng/ul m

response 5121

S.J
12/23/16

Ion	Exp%	Act%
178.00	100	100
176.00	23.00	26.80
179.00	17.00	29.38#
0.00	0.00	0.00

Quantitation Report (Qedit)

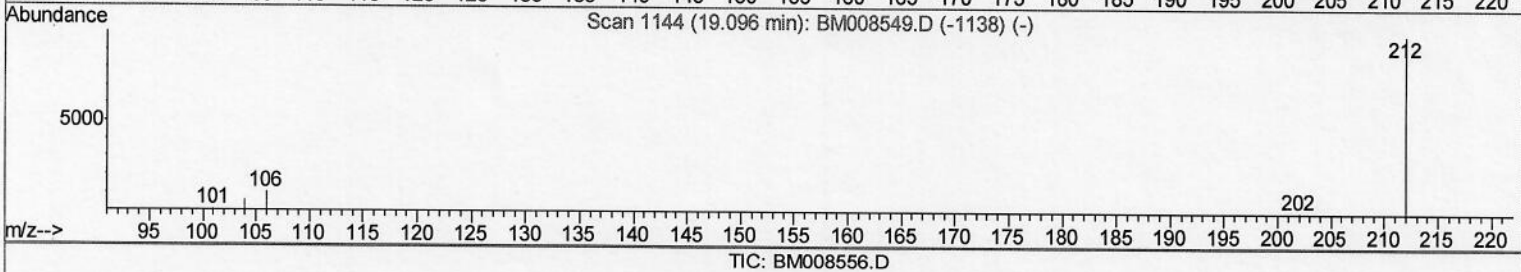
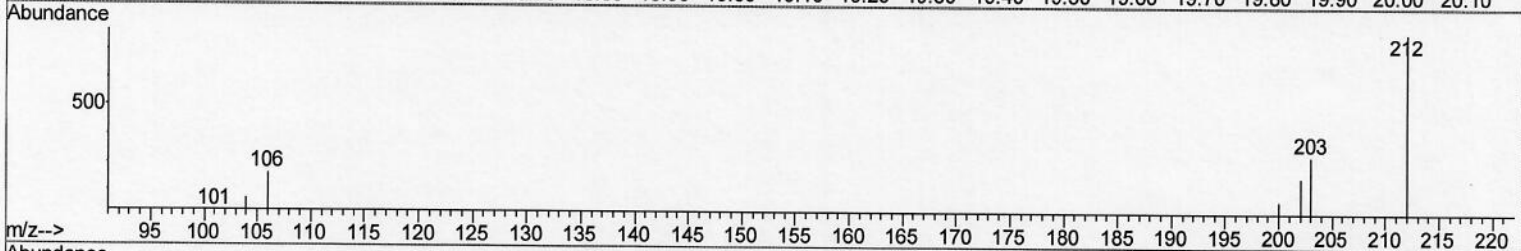
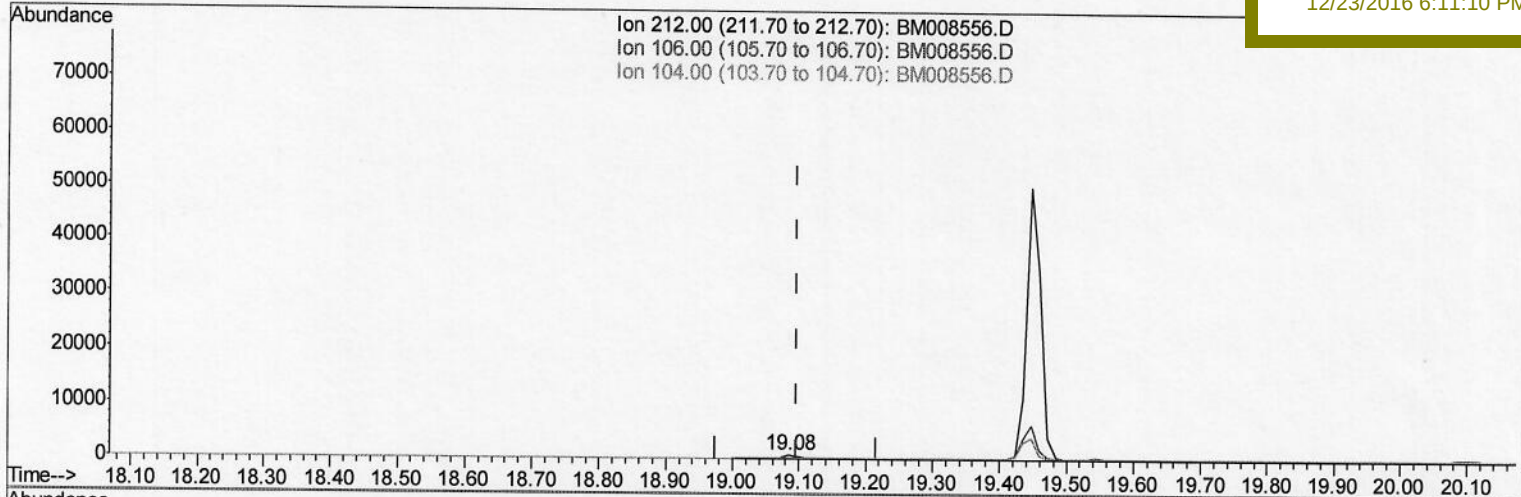
Data Path : Z:\HPCHEM1\BNA_M\Data\BM122216\
 Data File : BM008556.D
 Acq On : 22 Dec 2016 15:20
 Operator : UM/SJ
 Sample : H5938-07
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Quant Time: Dec 22 16:24:28 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 22.13:27:14 2016
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 BNA_M
ClientSampleId :
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(14) Fluoranthene-d10 (SURR)

19.084min (-0.012) 0.20ng/ul

response 766

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)

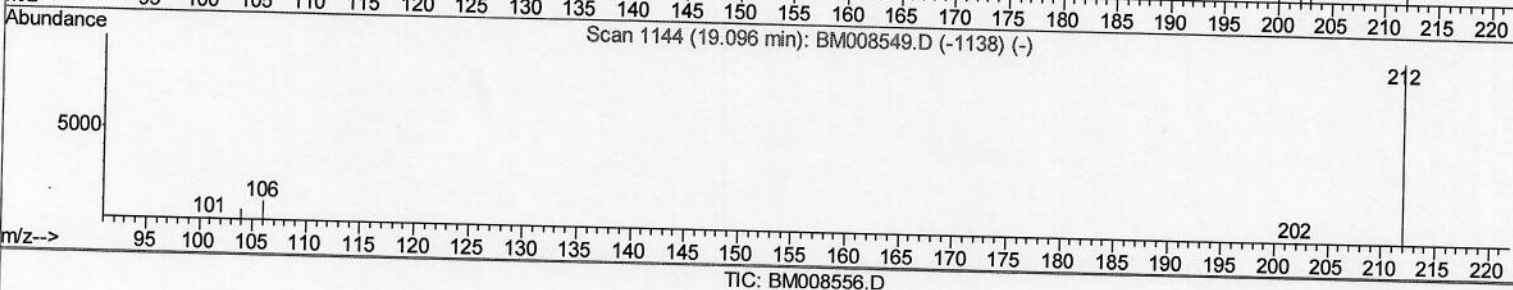
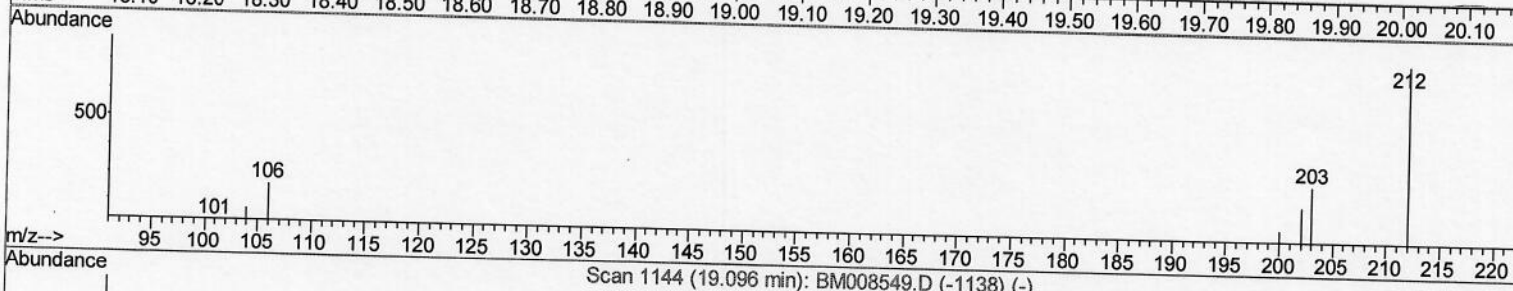
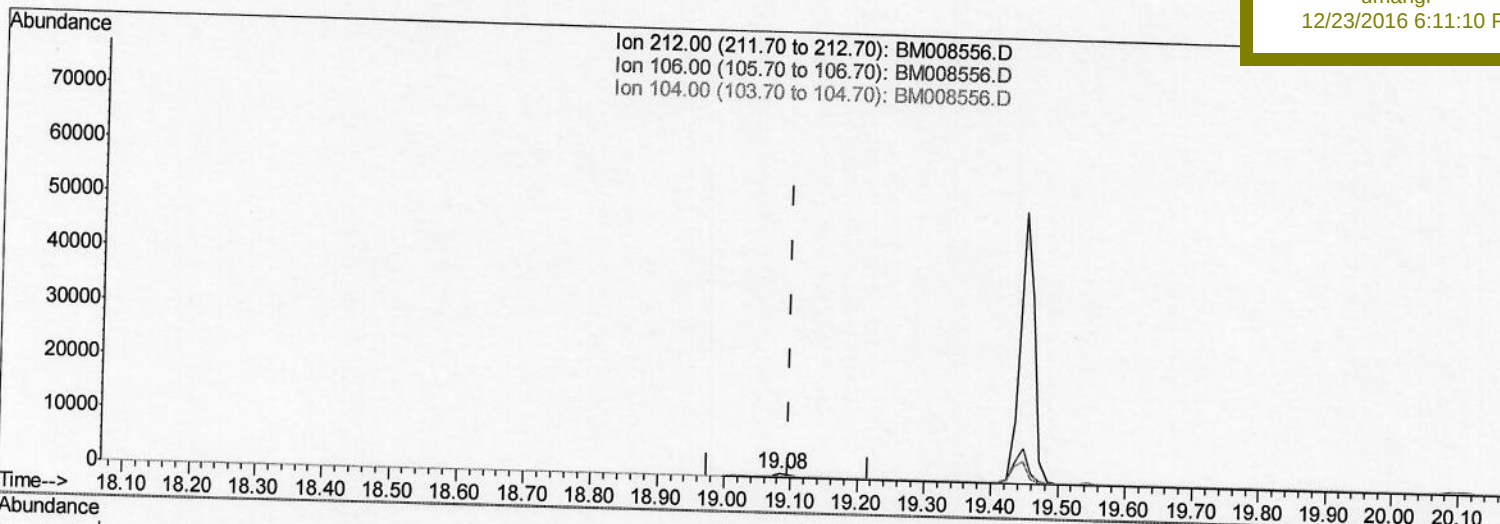
Data Path : Z:\HPCHEM1\BNA_M\Data\BM122216\
 Data File : BM008556.D
 Acq On : 22 Dec 2016 15:20
 Operator : UM/SJ
 Sample : H5938-07
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA827

Manual Integrations
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Quant Time: Dec 22 16:24:28 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
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(14) Fluoranthene-d10 (SURR)

19.084min (-0.012) 0.24ng/ul m

response 937

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.J
12/23/16

Quantitation Report (Qedit)

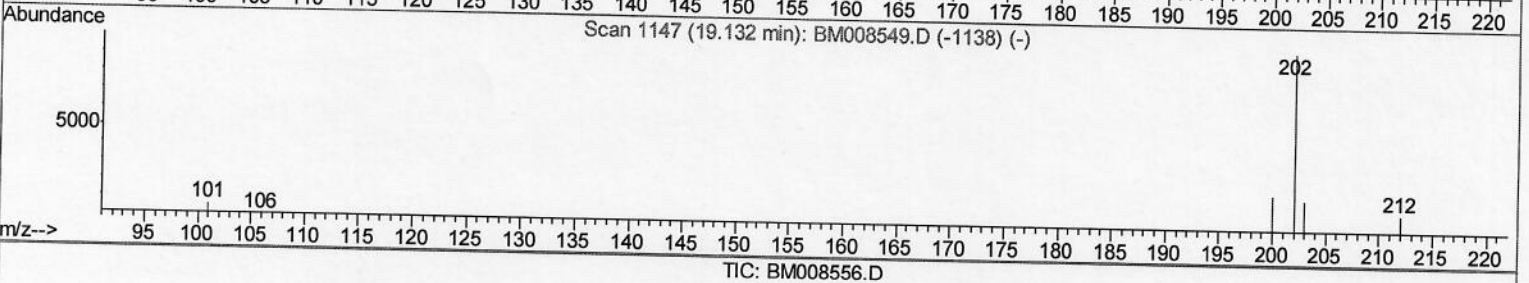
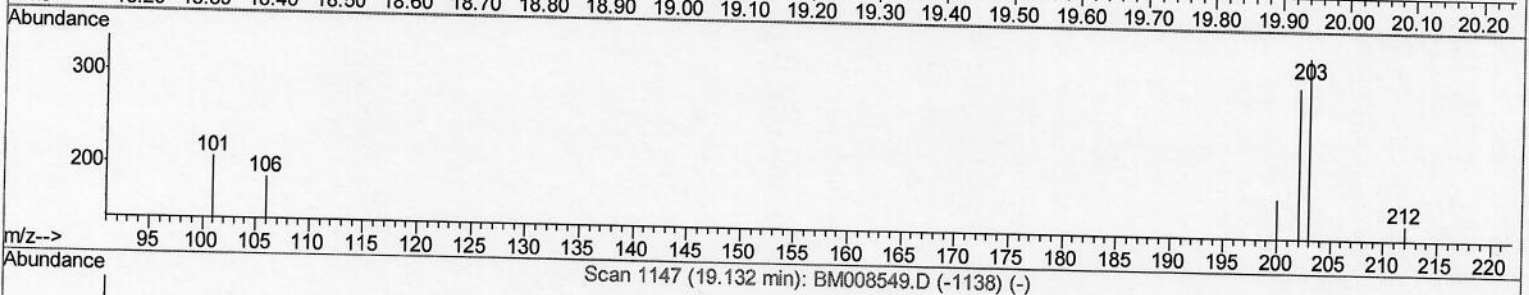
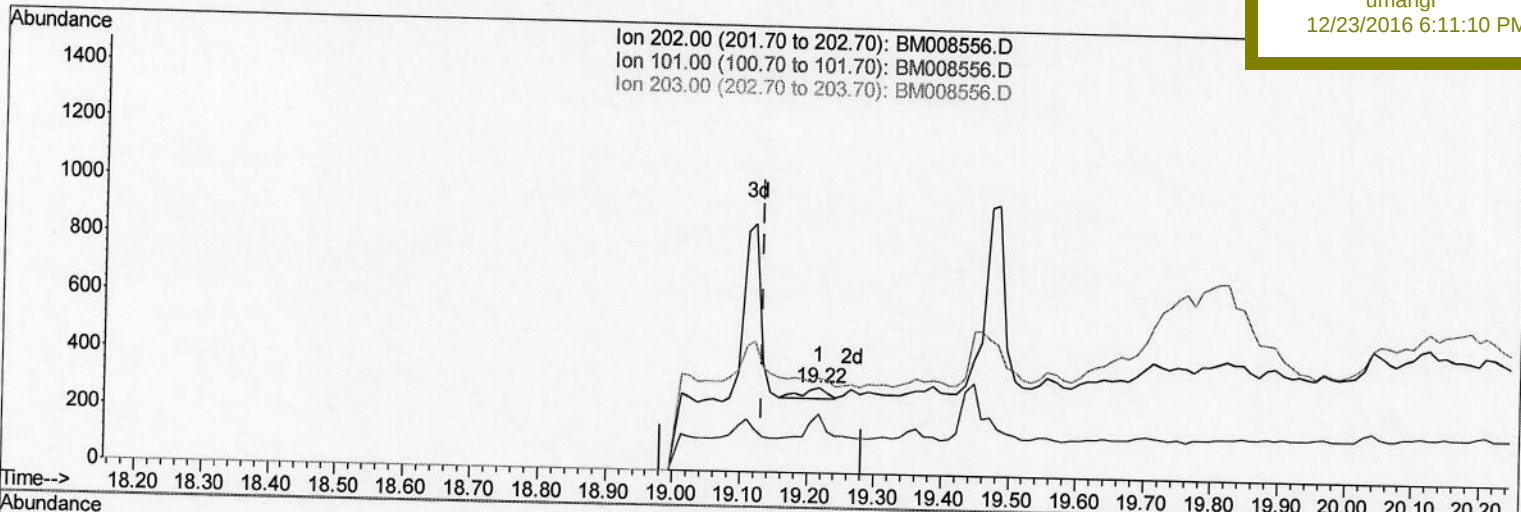
Data Path : Z:\HPCHEM1\BNA_M\Data\BM122216\
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(15) Fluoranthene (C)

19.217min (+0.085) 0.02ng/ul

response 99

Ion	Exp%	Act%
202.00	100	100
101.00	10.30	67.76#
203.00	19.50	110.86#
0.00	0.00	0.00

Quantitation Report (Qedit)

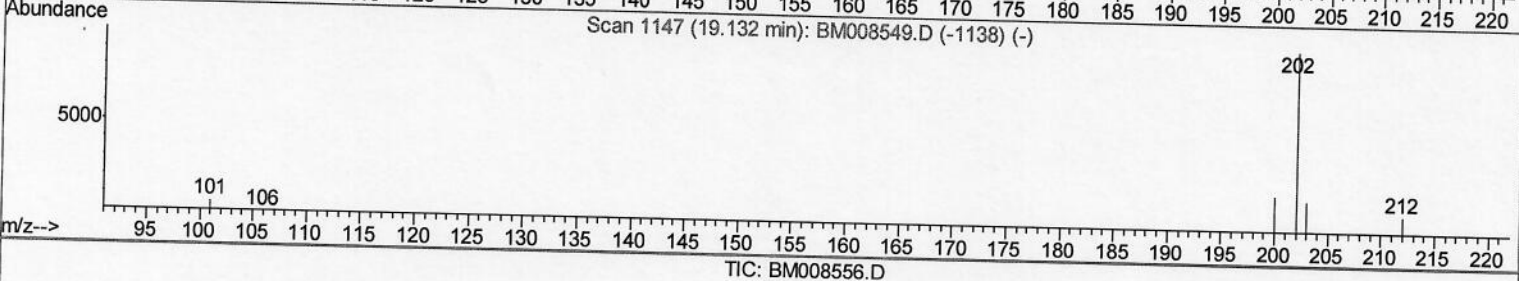
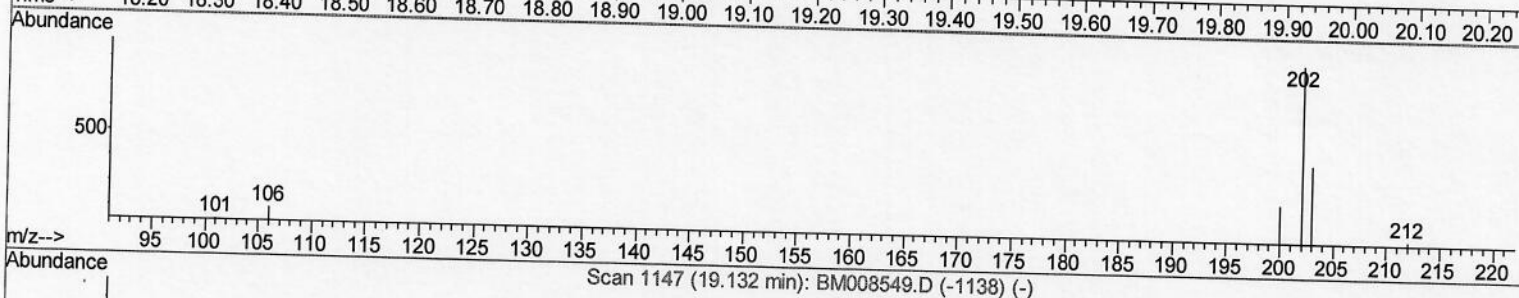
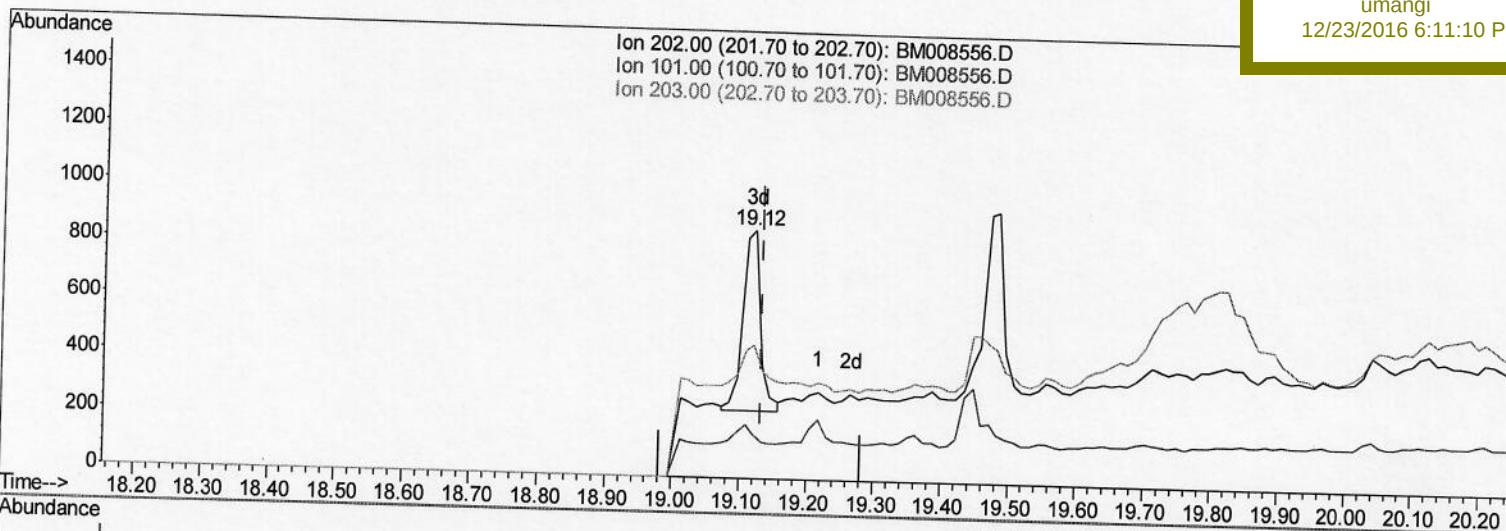
Data Path : Z:\HPCHEM1\BNA_M\Data\BM122216\
 Data File : BM008556.D
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 Operator : UM/SJ
 Sample : H5938-07
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
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Manual Integrations
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(15) Fluoranthene (C)

19.120min (-0.012) 0.22ng/ul m

response 1167

SJ
 12123116

Ion	Exp%	Act%
202.00	100	100
101.00	10.30	17.38
203.00	19.50	53.16#
0.00	0.00	0.00

Quantitation Report (Qedit)

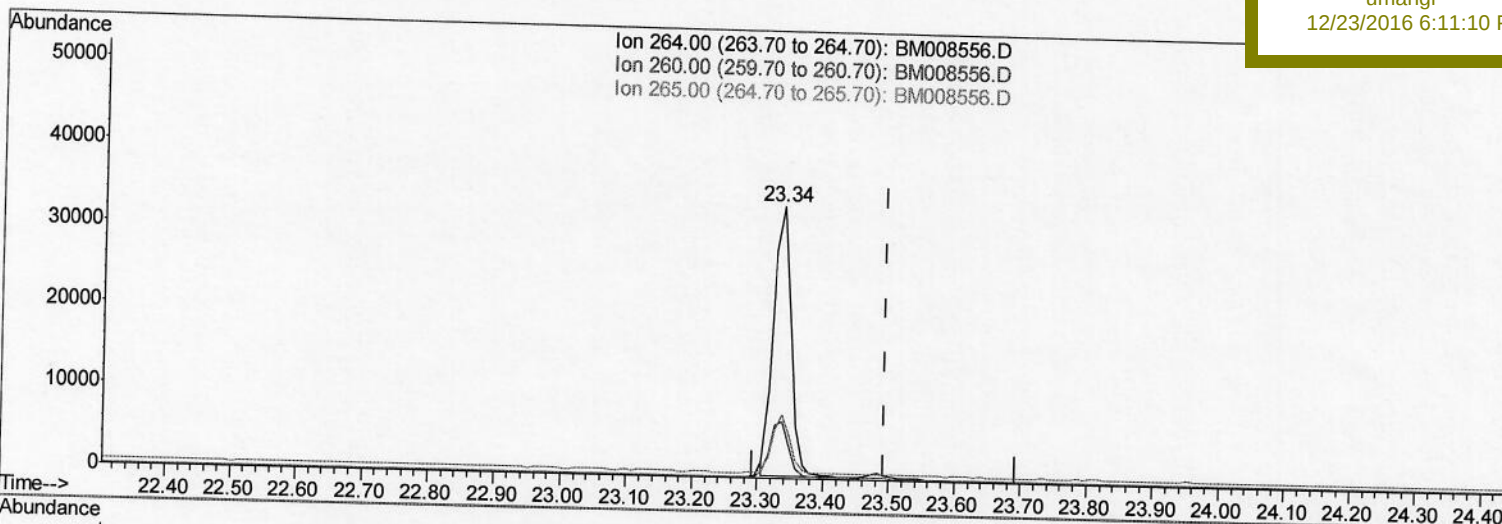
Data Path : Z:\HPCHEM1\BNA_M\Data\BM122216\
 Data File : BM008556.D
 Acq On : 22 Dec 2016 15:20
 Operator : UM/SJ
 Sample : H5938-07
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Quant Time: Dec 22 16:24:28 2016
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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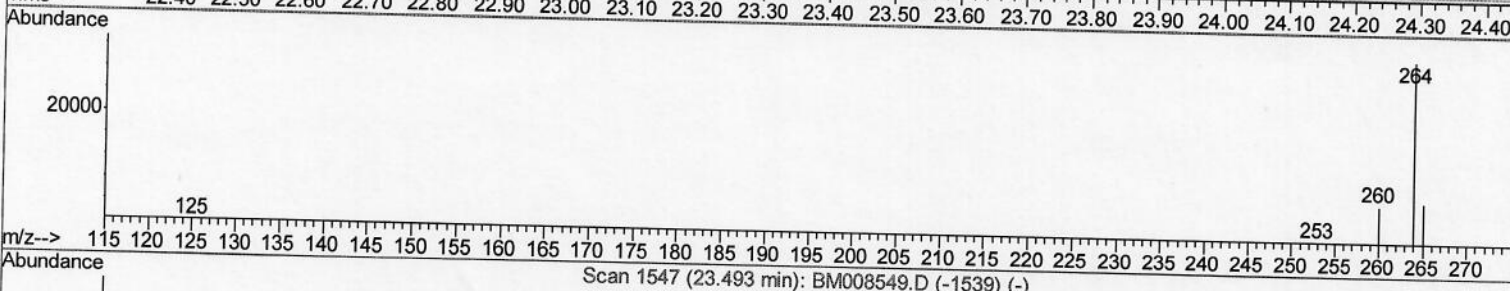
Instrument :
 BNA_M
 ClientSampleId :
 DA827

Manual Integrations
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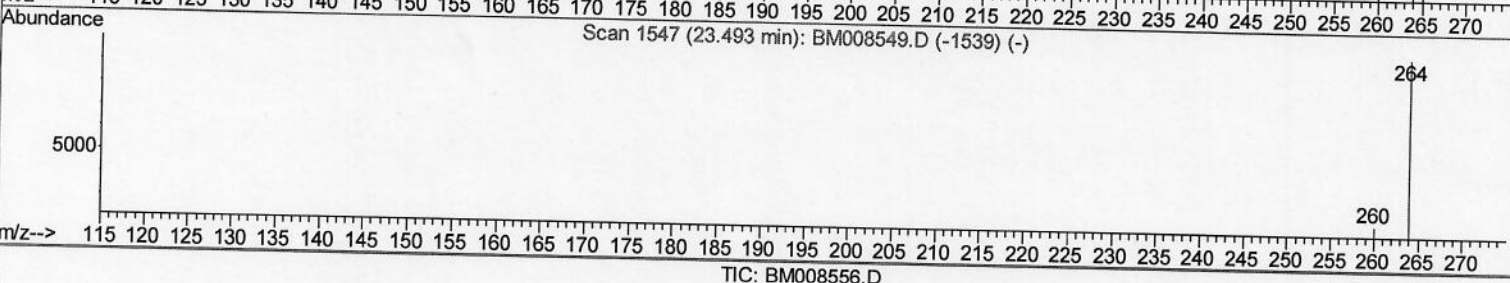
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Ion 264.00 (263.70 to 264.70): BM008556.D
 Ion 260.00 (259.70 to 260.70): BM008556.D
 Ion 265.00 (264.70 to 265.70): BM008556.D



Scan 1547 (23.493 min): BM008549.D (-1539) (-)



TIC: BM008556.D

(20) Perylene-d12 (I)

23.337min (-0.156) 0.40ng/ul

response 61717

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	21.10#
265.00	103.50	23.15#
0.00	0.00	0.00

Quantitation Report (Qedit)

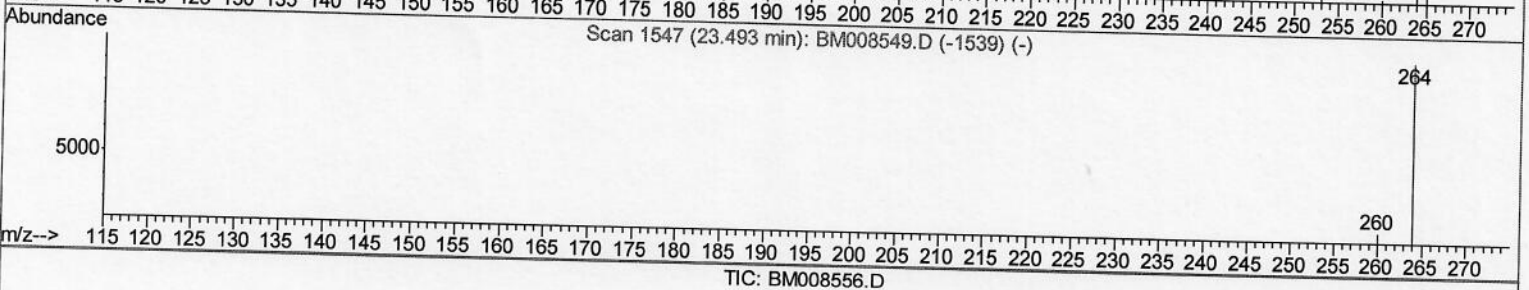
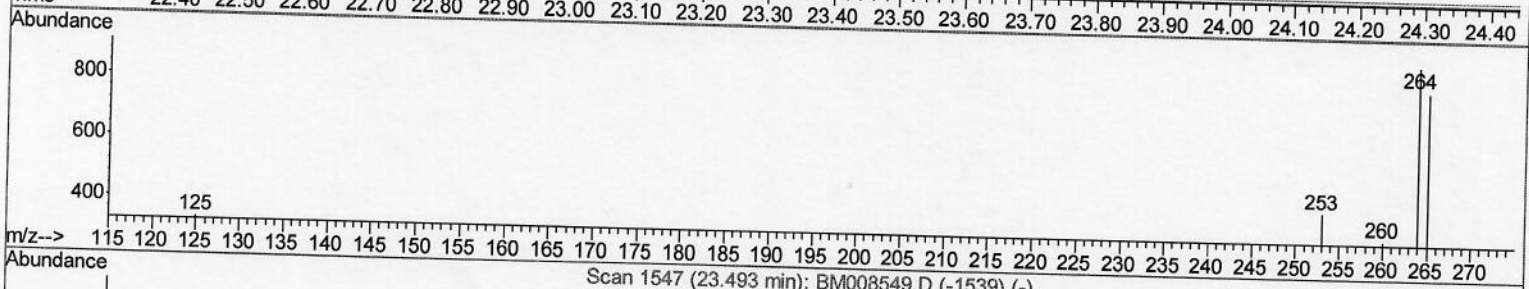
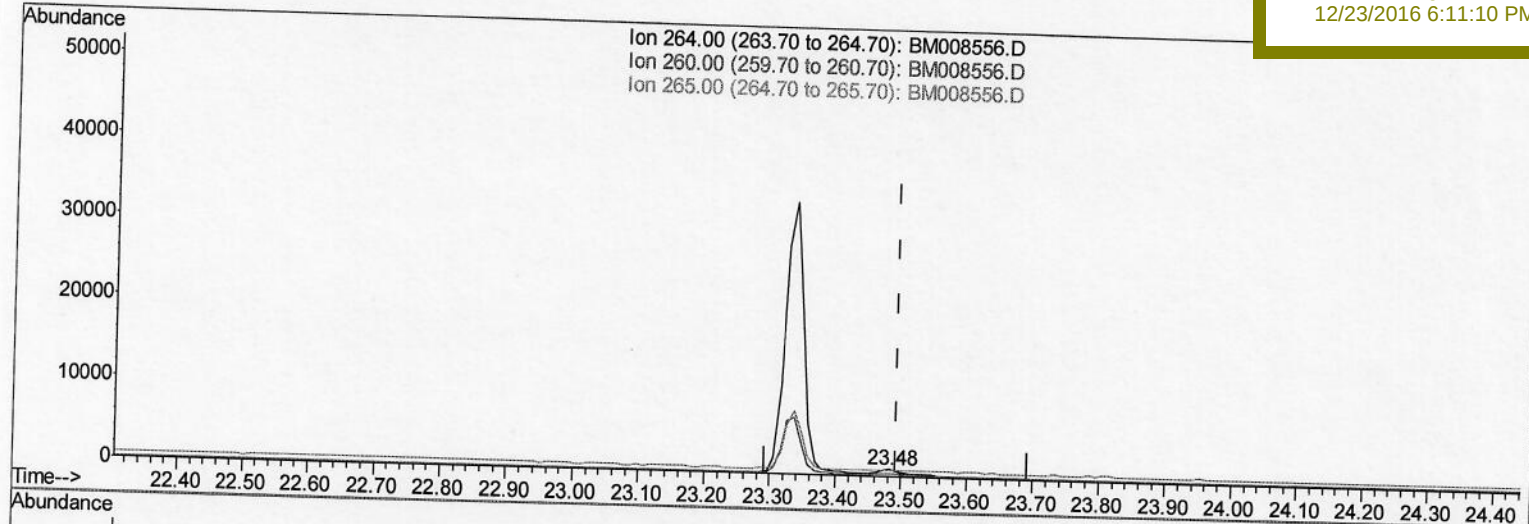
Data Path : Z:\HPCHEM1\BNA_M\Data\BM122216\
 Data File : BM008556.D
 Acq On : 22 Dec 2016 15:20
 Operator : UM/SJ
 Sample : H5938-07
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA827

Manual Integrations
 APPROVED

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Quant Time: Dec 22 16:24:28 2016
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(20) Perylene-d12 (I)

23.483min (-0.010) 0.40ng/ul m

response 1179

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	36.58#
265.00	103.50	90.80
0.00	0.00	0.00

S-J
 12123116

Quantitation Report (Qedit)

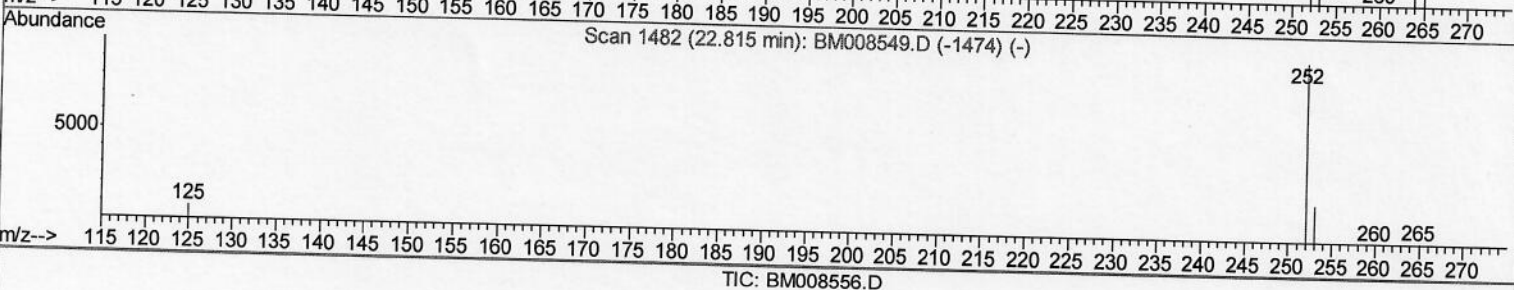
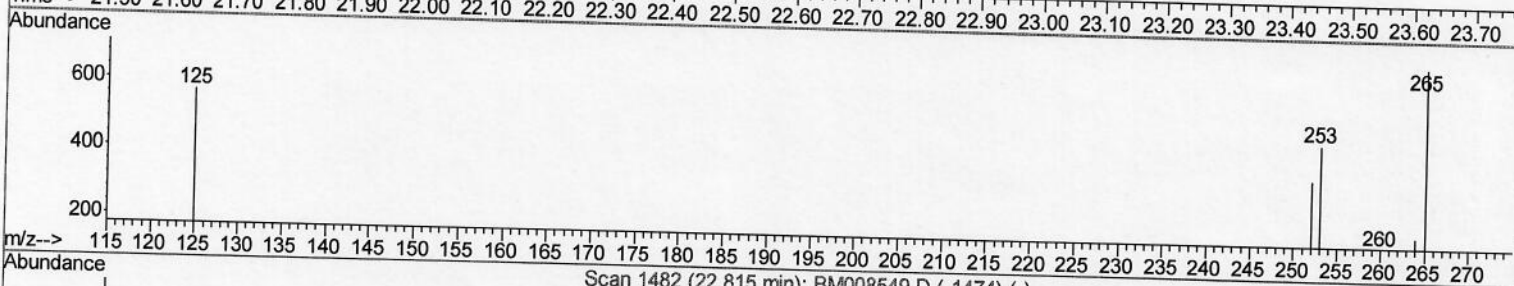
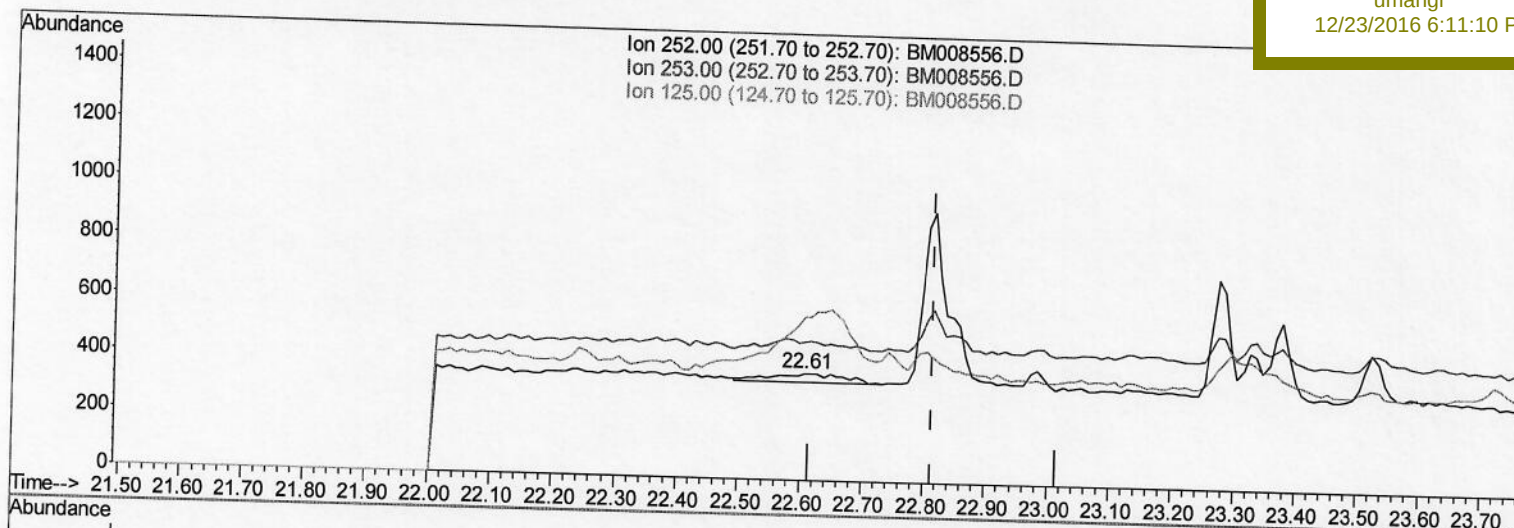
Data Path : Z:\HPCHEM1\BNA_M\Data\BM122216\
 Data File : BM008556.D
 Acq On : 22 Dec 2016 15:20
 Operator : UM/SJ
 Sample : H5938-07
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Quant Time: Dec 22 16:26:52 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
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ClientSampleId :
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Manual Integrations
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(21) Benzo(b)fluoranthene
 22.607min (-0.208) 0.05ng/ul
 response 225

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	127.96#
125.00	17.50	151.88#
0.00	0.00	0.00

Quantitation Report (Qedit)

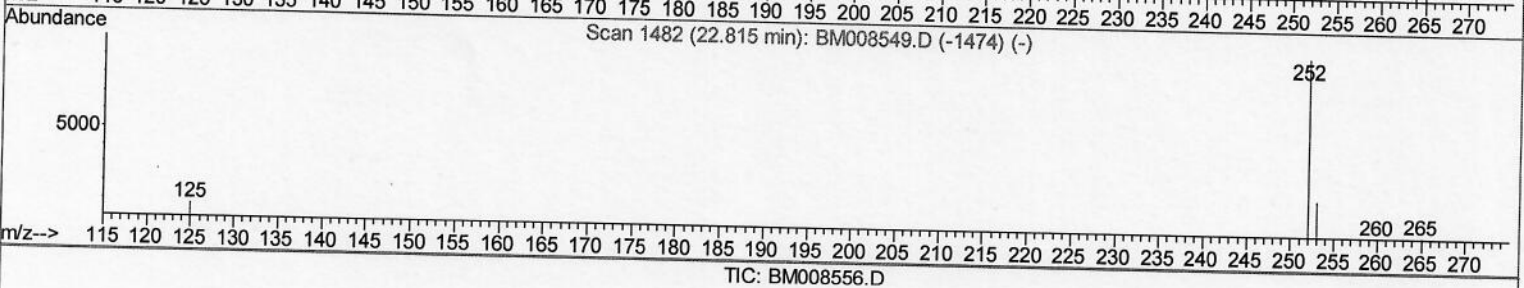
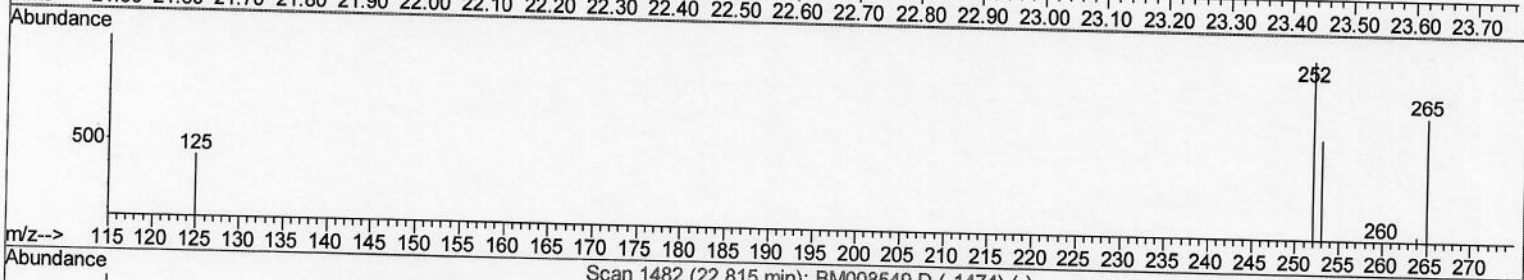
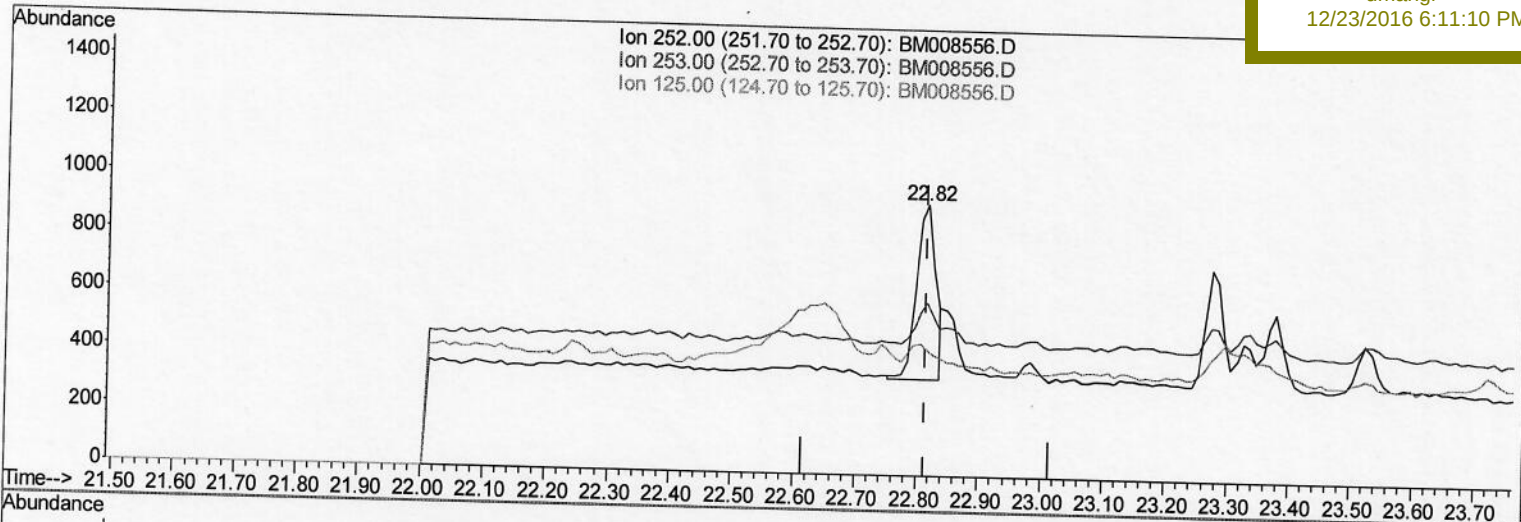
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(21) Benzo(b)fluoranthene

22.815min (+0.000) 0.29ng/ul m

response 1331

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	64.00
125.00	17.50	46.37#
0.00	0.00	0.00

S.J
12/23/16

Quantitation Report (Qedit)

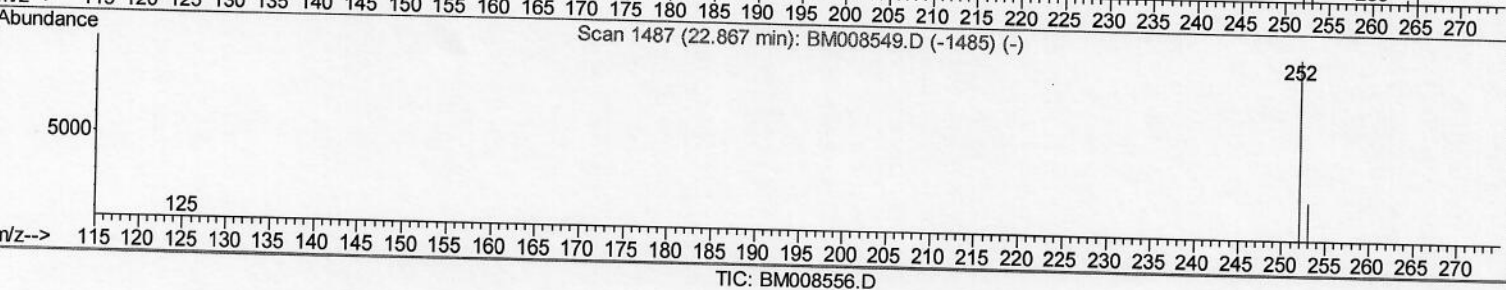
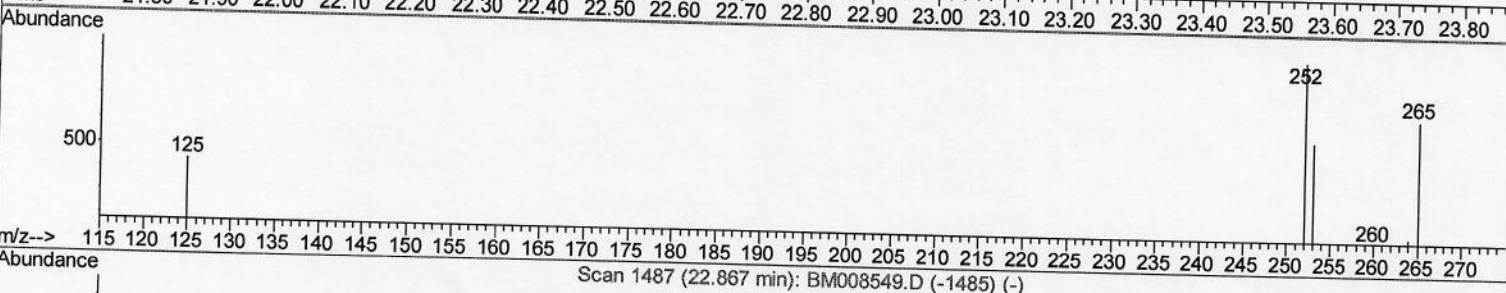
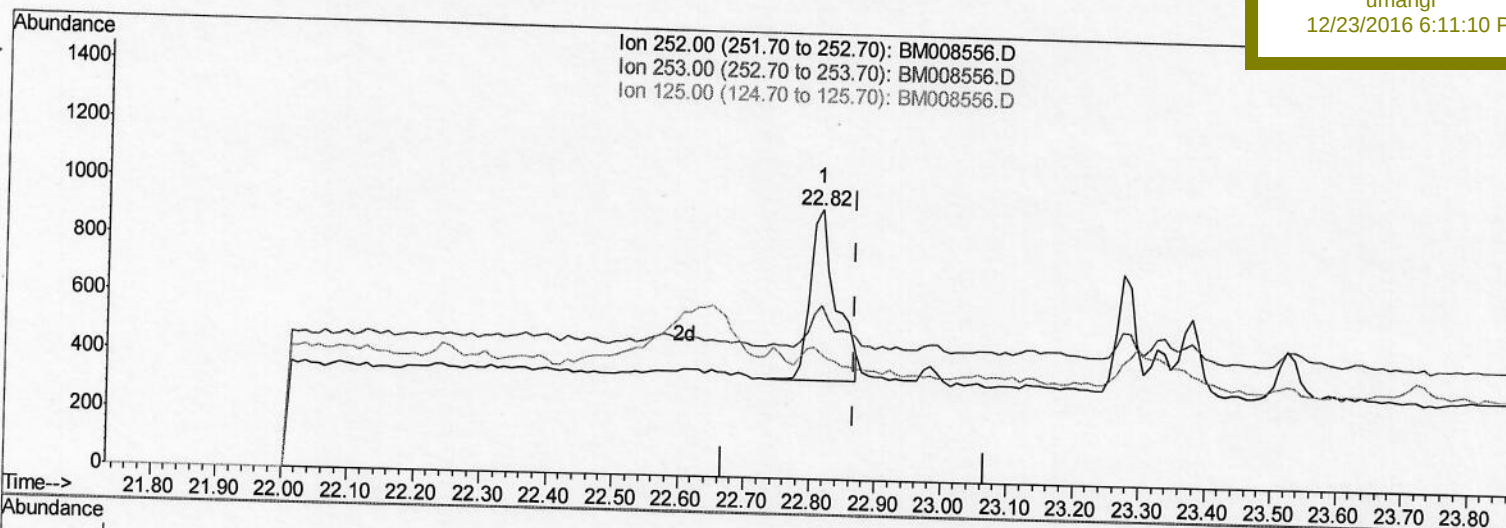
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(22) Benzo(k)fluoranthene
 22.815min (-0.052) 0.36ng/ul
 response 1627

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	64.00#
125.00	17.10	46.37#
0.00	0.00	0.00

Quantitation Report (Qedit)

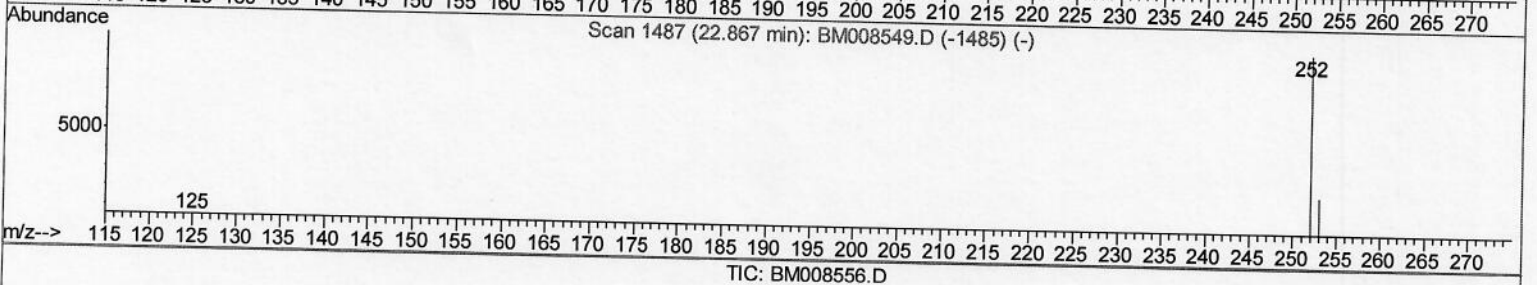
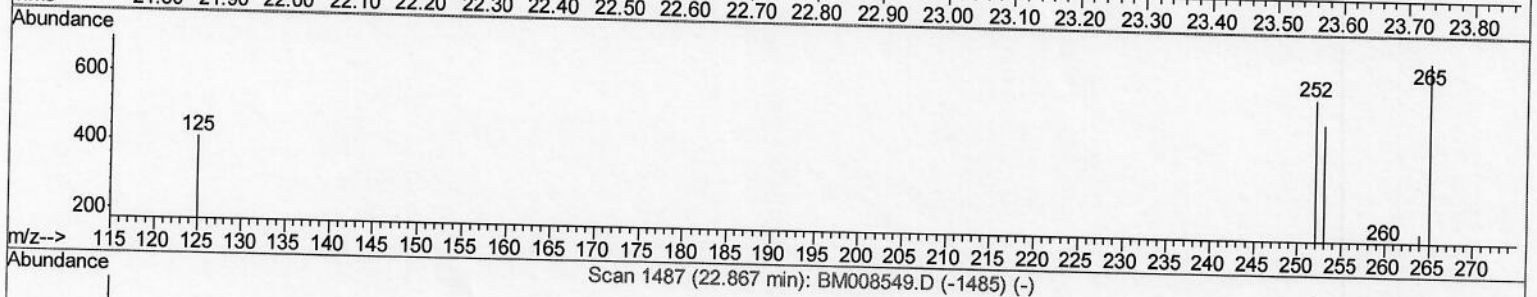
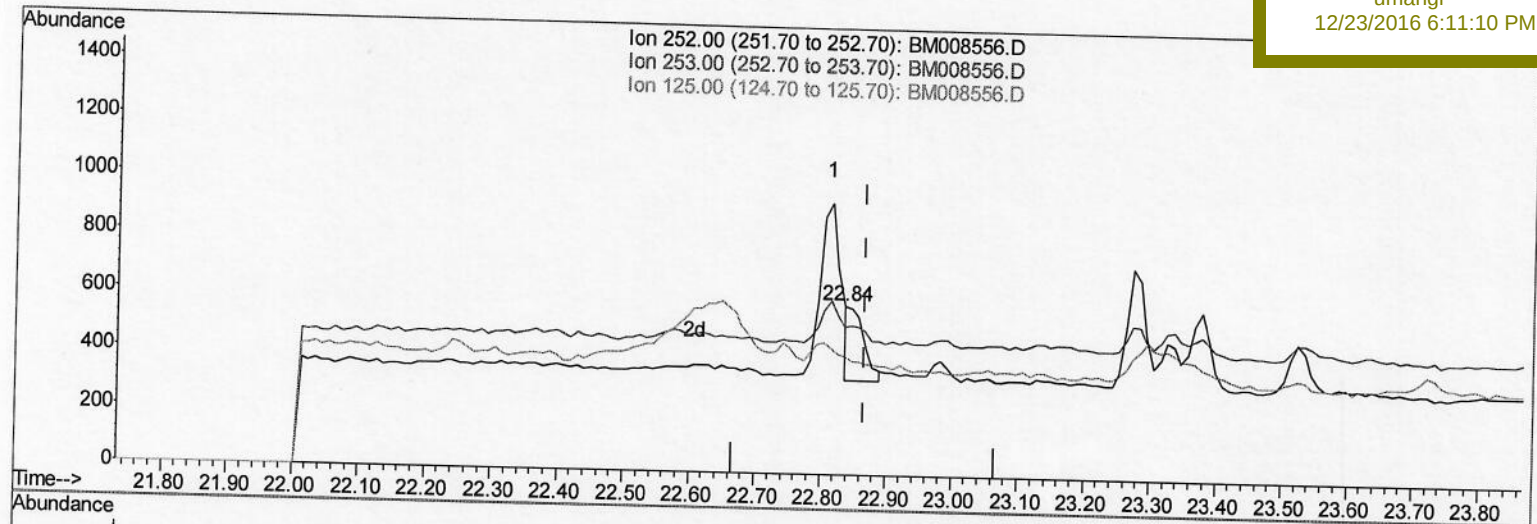
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 Operator : UM/SJ
 Sample : H5938-07
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
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 Client Sampled :
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Manual Integrations
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Quant Time: Dec 22 16:26:52 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 22 13:27:14 2016
 Response via : Initial Calibration



(22) Benzo(k)fluoranthene

22.836min (-0.031) 0.09ng/ul m

response 413

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	87.65#
125.00	17.10	69.98#
0.00	0.00	0.00

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Quantitation Report (Qedit)

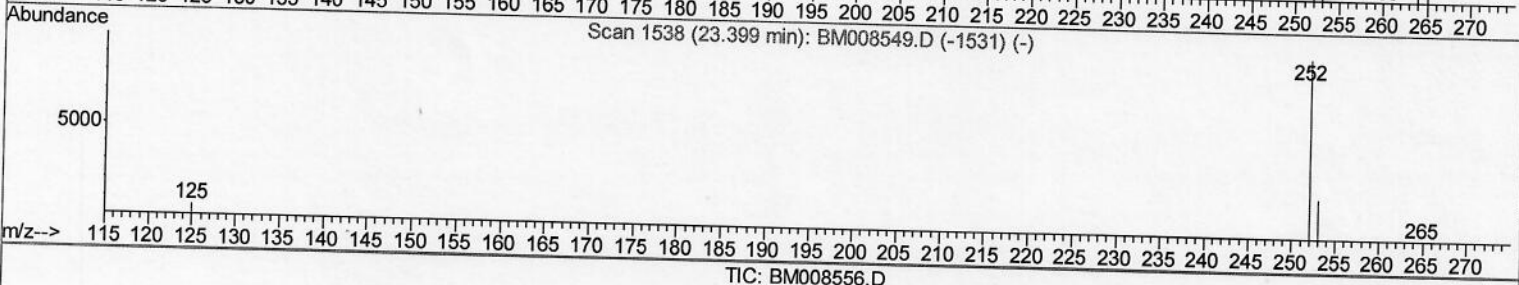
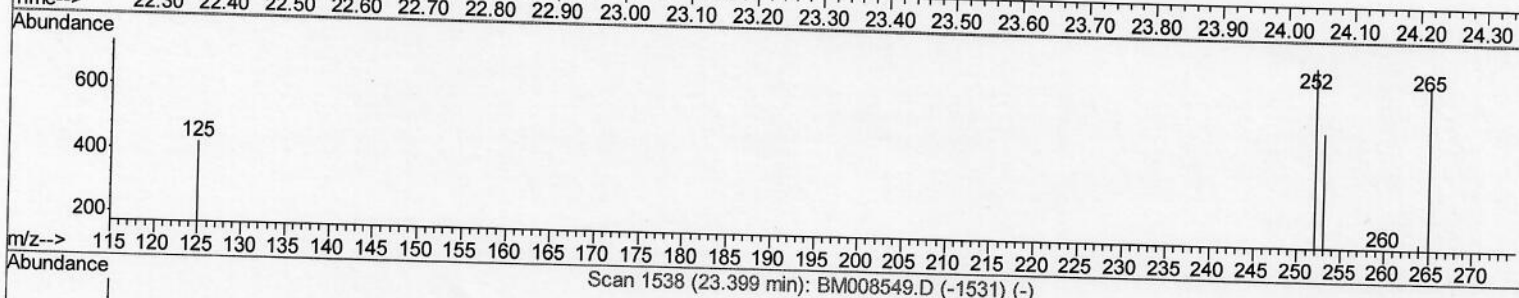
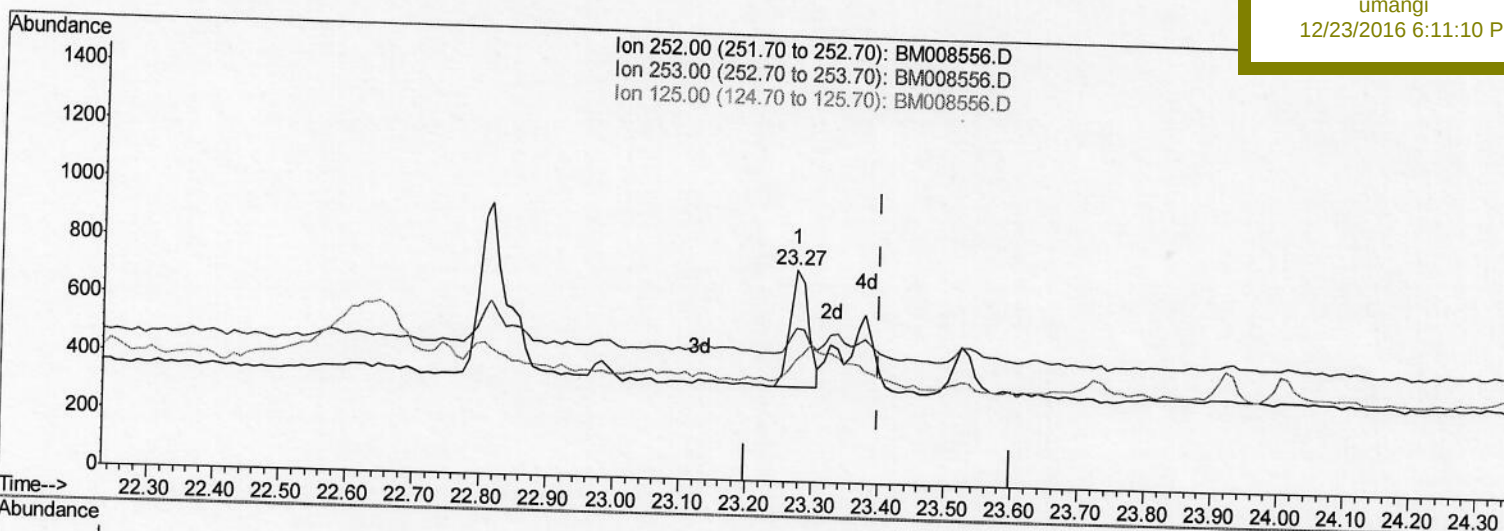
Data Path : Z:\HPCHEM1\BNA_M\Data\BM122216\
 Data File : BM008556.D
 Acq On : 22 Dec 2016 15:20
 Operator : UM/SJ
 Sample : H5938-07
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Quant Time: Dec 22 16:26:52 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 22 13:27:14 2016
 Response via : Initial Calibration

Instrument :
 BNA_M
 ClientSampled :
 DA827

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(23) Benzo(a)pyrene (C)

23.274min (-0.125) 0.18ng/ul

response 779

Ion	Exp%	Act%
252.00	100	100
253.00	35.60	72.40#
125.00	22.60	57.65#
0.00	0.00	0.00

Quantitation Report (Qedit)

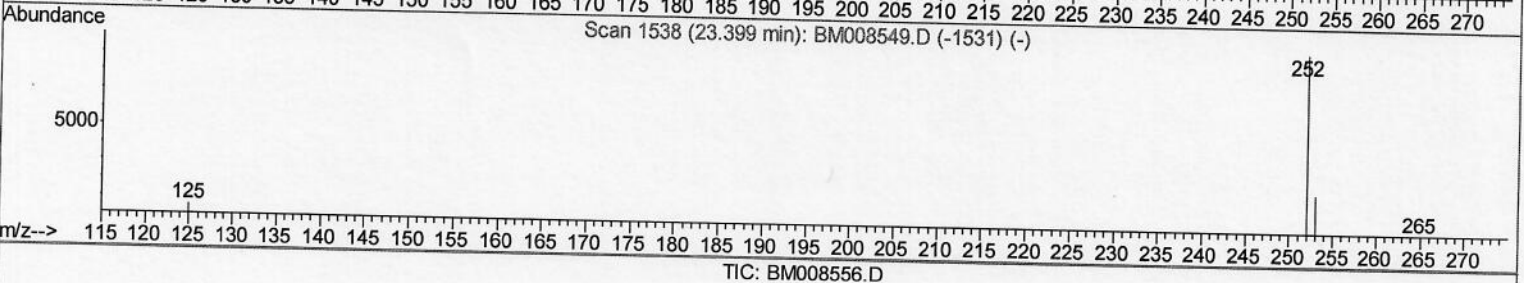
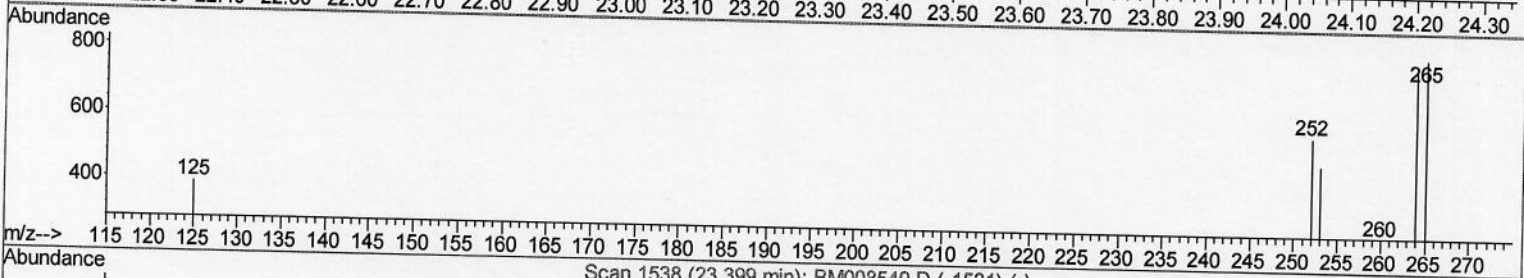
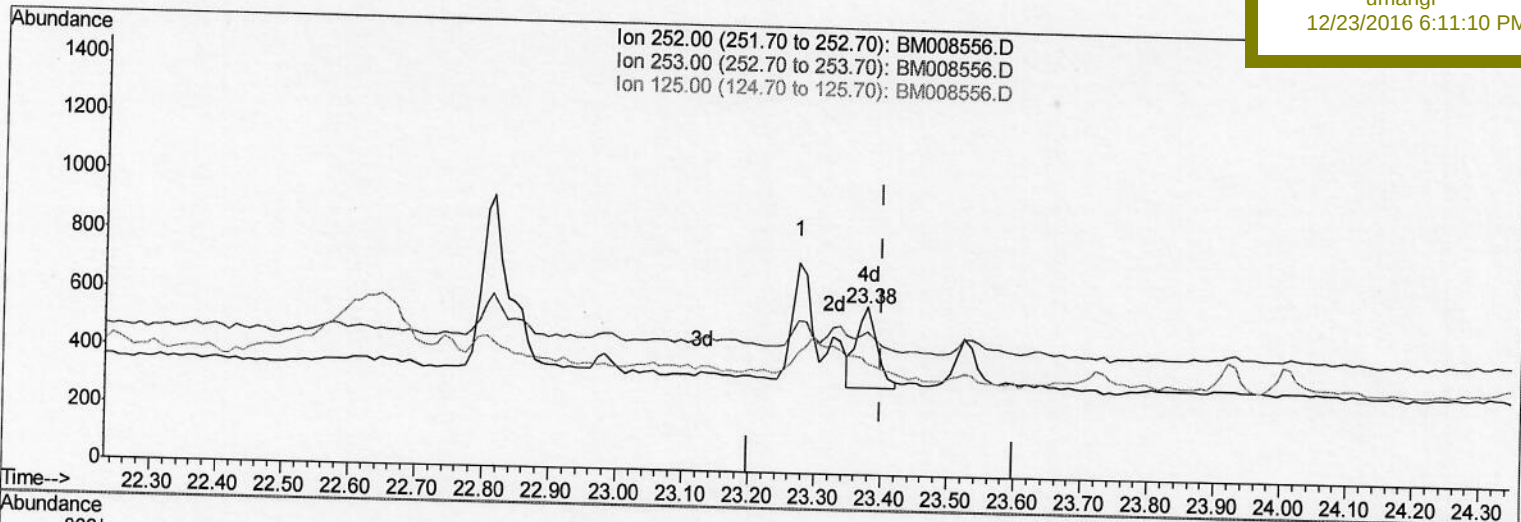
Data Path : Z:\HPCHEM1\BNA_M\Data\BM122216\
 Data File : BM008556.D
 Acq On : 22 Dec 2016 15:20
 Operator : UM/SJ
 Sample : H5938-07
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
Client Sampled :
 DA827

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Quant Time: Dec 22 16:26:52 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 22 13:27:14 2016
 Response via : Initial Calibration



(23) Benzo(a)pyrene (C)

23.378min (-0.021) 0.14ng/ul m

response 612

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Ion	Exp%	Act%
252.00	100	100
253.00	35.60	85.22#
125.00	22.60	66.49#
0.00	0.00	0.00

Quantitation Report (Qedit)

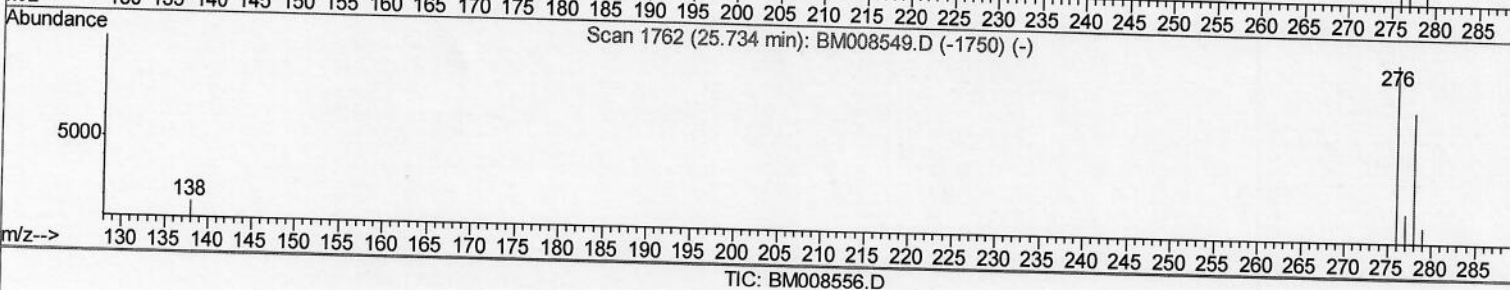
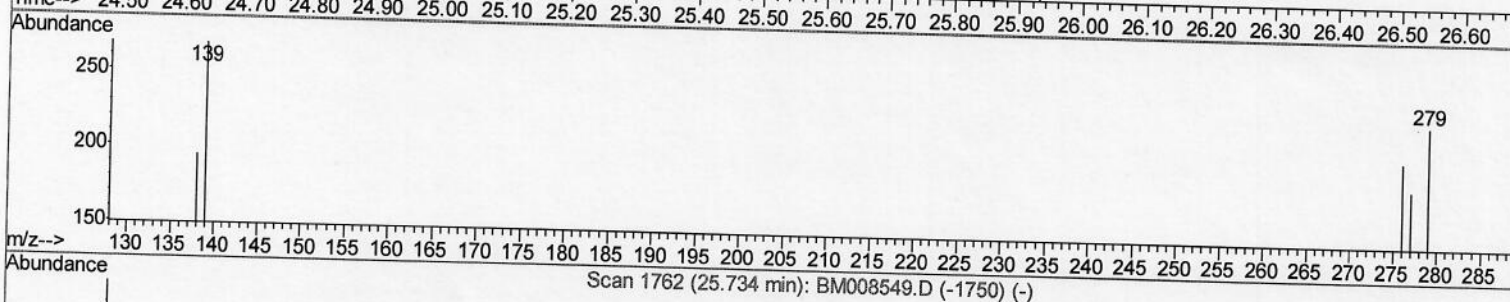
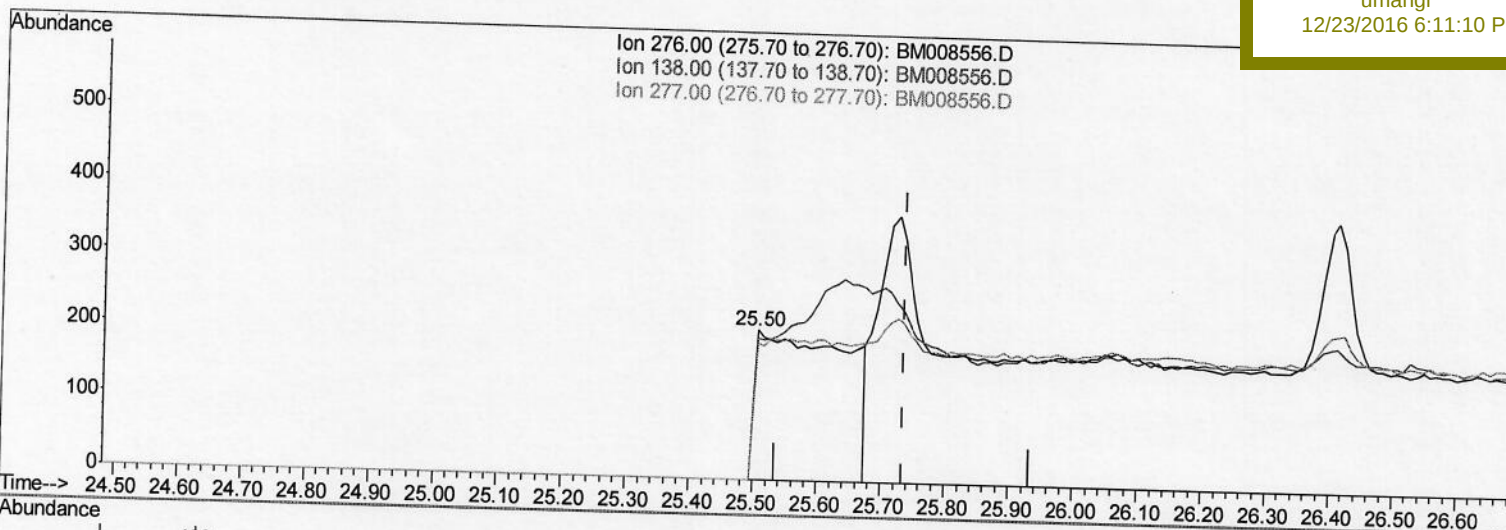
Data Path : Z:\HPCHEM1\BNA_M\Data\BM122216\
 Data File : BM008556.D
 Acq On : 22 Dec 2016 15:20
 Operator : UM/SJ
 Sample : H5938-07
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA827

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Quant Time: Dec 22 16:26:52 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 22 13:27:14 2016
 Response via : Initial Calibration



(24) Indeno(1,2,3-cd)pyrene

25.505min (-0.229) 0.39ng/ul

response 1989

Ion	Exp%	Act%
276.00	100	100
138.00	23.90	0.00#
277.00	24.50	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

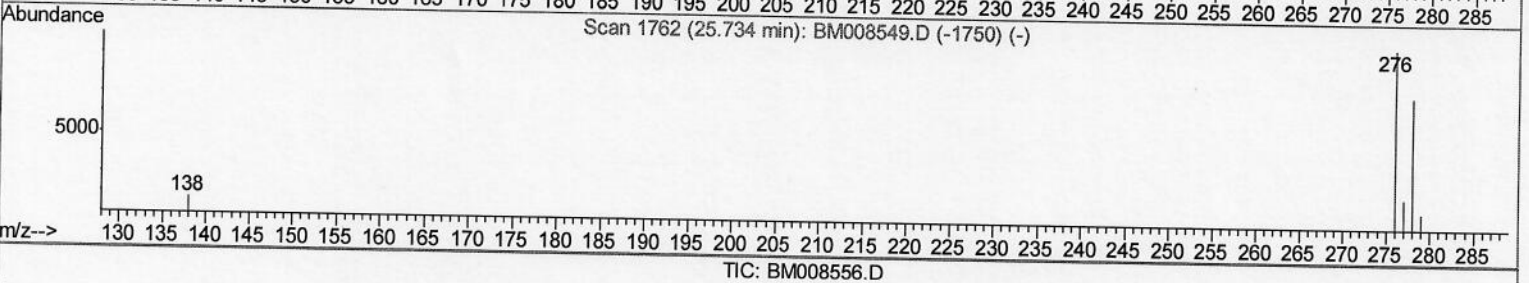
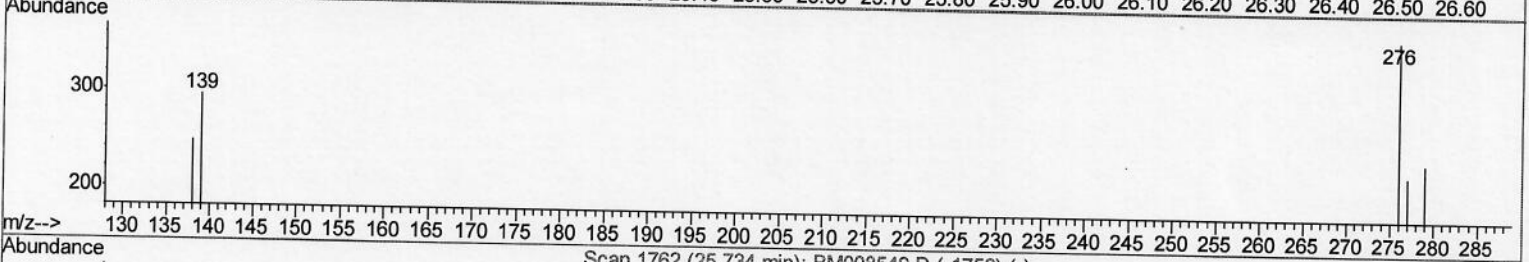
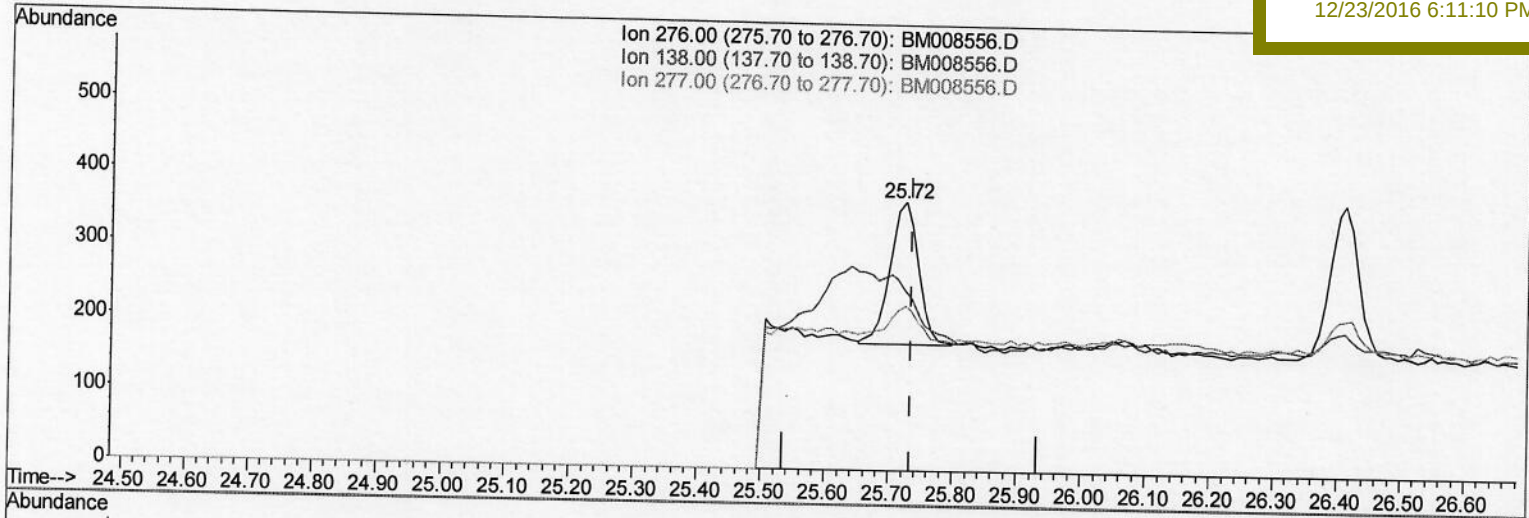
Data Path : Z:\HPCHEM1\BNA_M\Data\BM122216\
 Data File : BM008556.D
 Acq On : 22 Dec 2016 15:20
 Operator : UM/SJ
 Sample : H5938-07
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Quant Time: Dec 22 16:26:52 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 22 13:27:14 2016
 Response via : Initial Calibration

Instrument :
 BNA_M
 ClientSampleId :
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Manual Integrations
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(24) Indeno(1,2,3-cd)pyrene
 25.724min (-0.010) 0.12ng/ul m
 response 609

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Ion	Exp%	Act%
276.00	100	100
138.00	23.90	0.00#
277.00	24.50	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

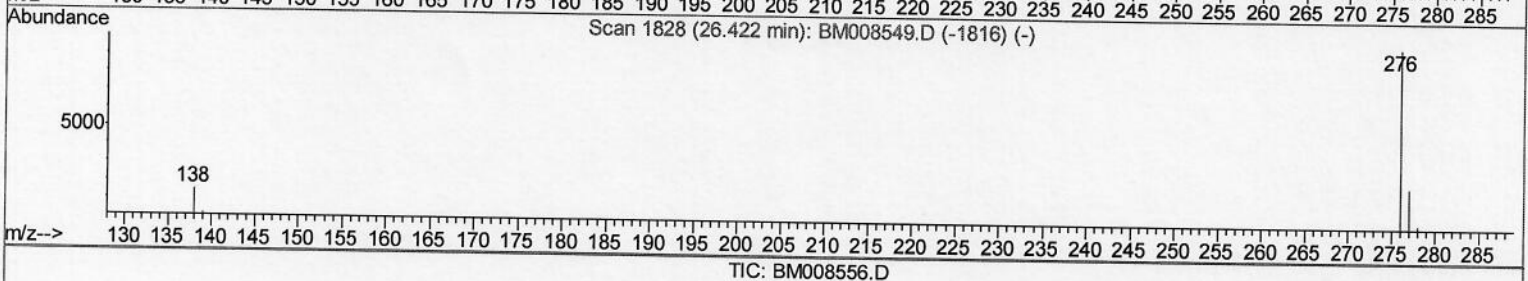
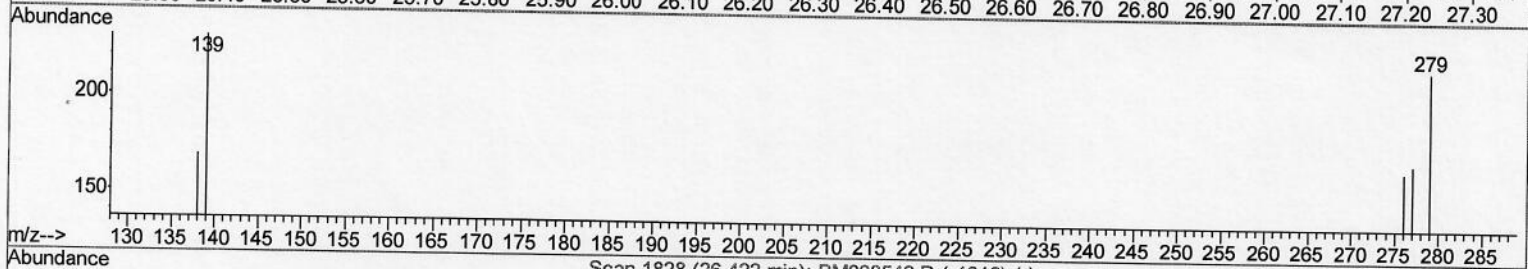
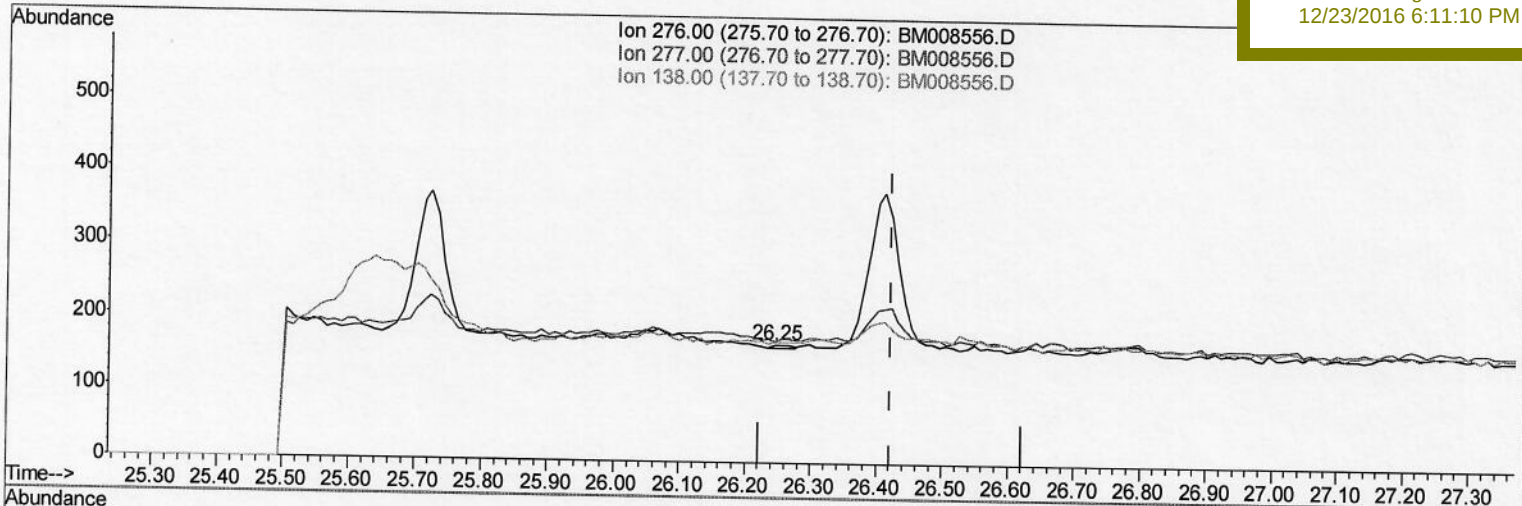
Data Path : Z:\HPCHEM1\BNA_M\Data\BM122216\
 Data File : BM008556.D
 Acq On : 22 Dec 2016 15:20
 Operator : UM/SJ
 Sample : H5938-07
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Quant Time: Dec 22 16:26:52 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 22 13:27:14 2016
 Response via : Initial Calibration

Instrument :
 BNA_M
 ClientSampleId :
 DA827

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(26) Benzo(g,h,i)perylene
 26.245min (-0.177) 0.00ng/ul
 response 7

Ion	Exp%	Act%
276.00	100	100
277.00	27.30	102.41#
138.00	25.60	101.81#
0.00	0.00	0.00

Quantitation Report (Qedit)

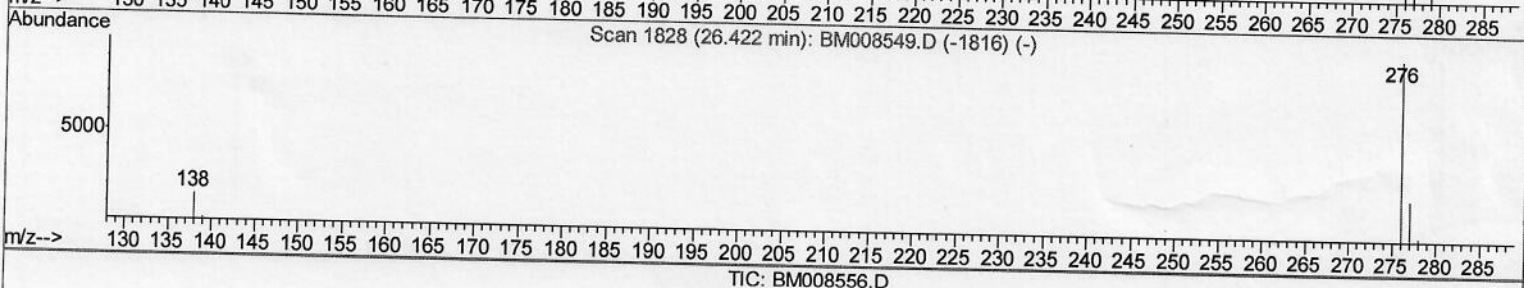
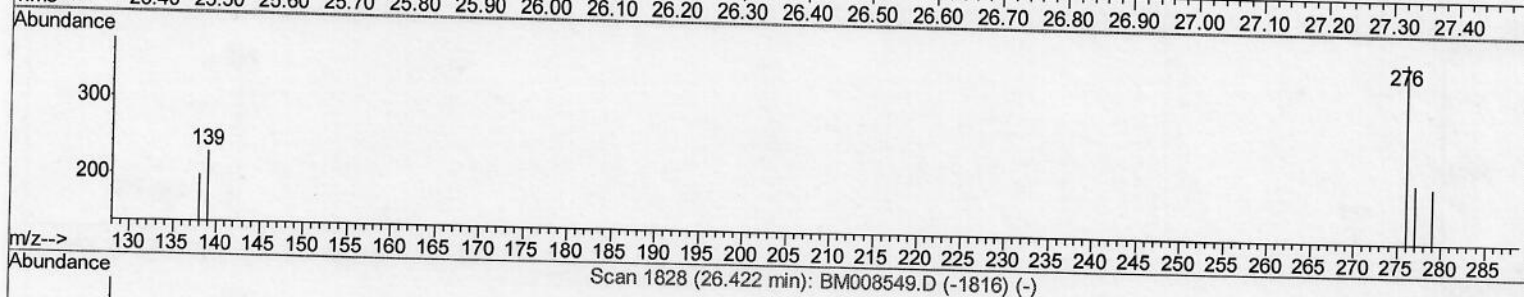
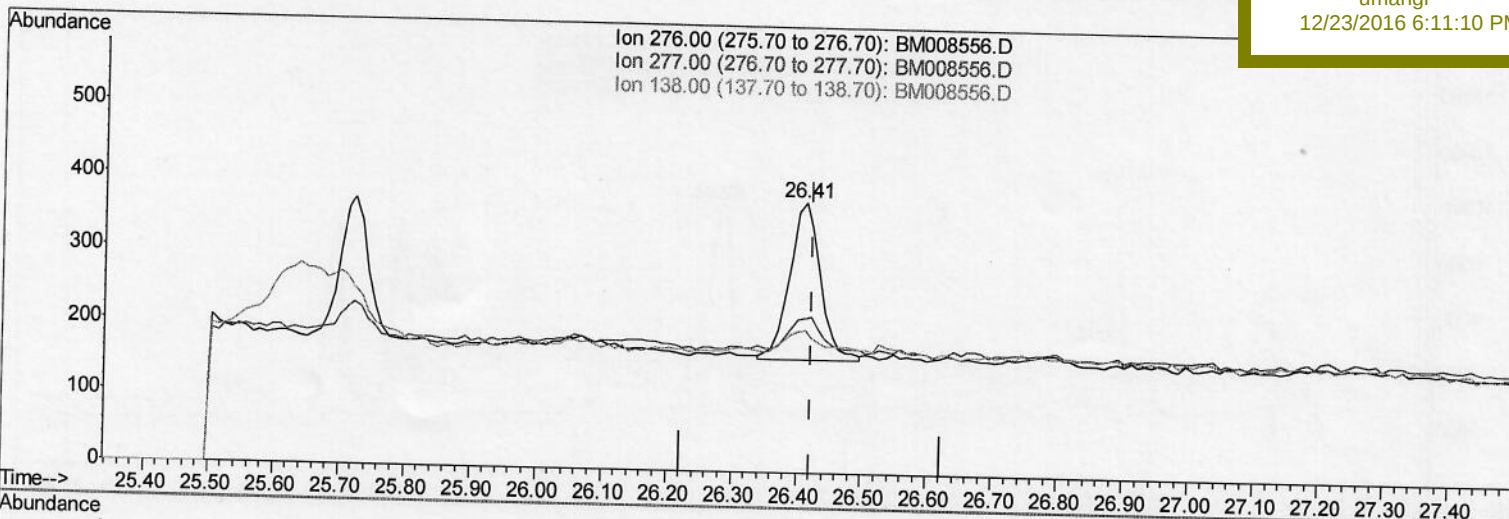
Data Path : Z:\HPCHEM1\BNA_M\Data\BM122216\
 Data File : BM008556.D
 Acq On : 22 Dec 2016 15:20
 Operator : UM/SJ
 Sample : H5938-07
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA827

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Quant Time: Dec 22 16:26:52 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 22 13:27:14 2016
 Response via : Initial Calibration



(26) Benzo(g,h,i)perylene
 26.412min (-0.010) 0.16ng/ul m
 response 725

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Ion	Exp%	Act%
276.00	100	100
277.00	27.30	57.87#
138.00	25.60	53.07#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_M\Data\BM122216\
 Data File : BM008556.D
 Acq On : 22 Dec 2016 15:20
 Operator : UM/SJ
 Sample : H5938-07
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA827

Quant Time: Dec 22 17:10:01 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 22 13:27:14 2016
 Response via : Initial Calibration

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	399	0.40	ng/ul	-0.05
2) Naphthalene-d8	10.42	136	1285	0.40	ng/ul	-0.05
6) Acenaphthene-d10	14.28	164	1052	0.40	ng/ul	-0.02
10) Phenanthrene-d10	17.04	188	1415m	0.40	ng/ul	-0.03
16) Chrysene-d12	21.25	240	1553	0.40	ng/ul	-0.01
20) Perylene-d12	23.48	264	1179m	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.01	152	486	0.25	ng/ul	-0.06
14) Fluoranthene-d10	19.08	212	937m	0.24	ng/ul	-0.01
Target Compounds						
3) Naphthalene	10.46	128	39077	10.81	ng/ul	Qvalue 94
5) 2-Methylnaphthalene	12.08	142	66153	27.19	ng/ul	100
8) Acenaphthene	14.35	153	5073	1.42	ng/ul	99
9) Fluorene	15.34	166	10799	2.64	ng/ul	86
12) Phenanthrene	17.07	178	5121m	1.19	ng/ul	
15) Fluoranthene	19.12	202	1167m	0.22	ng/ul	
21) Benzo(b)fluoranthene	22.82	252	1331m	0.29	ng/ul	
22) Benzo(k)fluoranthene	22.84	252	413m	0.09	ng/ul	
23) Benzo(a)pyrene	23.38	252	612m	0.14	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.72	276	609m	0.12	ng/ul	
26) Benzo(g,h,i)perylene	26.41	276	725m	0.16	ng/ul	

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

Data Path : Z:\HPCHEM1\BNA_M\Data\BM122216\
Data File : BM008556.D
Acq On : 22 Dec 2016 15:20
Operator : UM/SJ
Sample : H5938-07
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
Client Sample ID :
DA827

Quant Time: Dec 22 17:10:01 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 22 13:27:14 2016
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