

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM122416\
Data File : BM008657.D
Acq On : 25 Dec 2016 06:03
Operator : UM/SJ
Sample : H5995-16DL 10X

Misc :
ALS Vial : 72 Sample Multiplier: 1

Quant Time: Dec 26 01:00:39 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

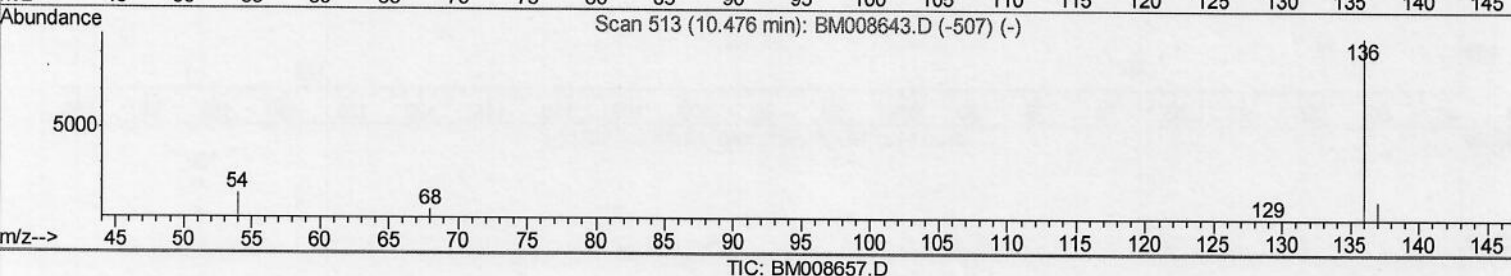
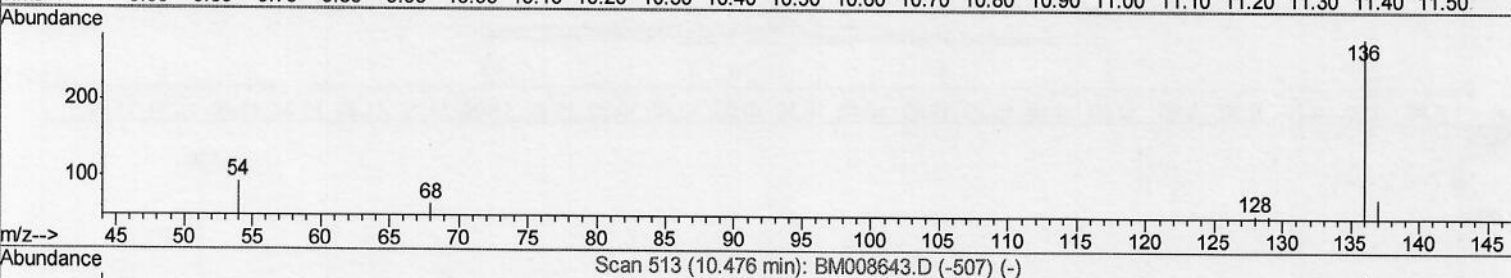
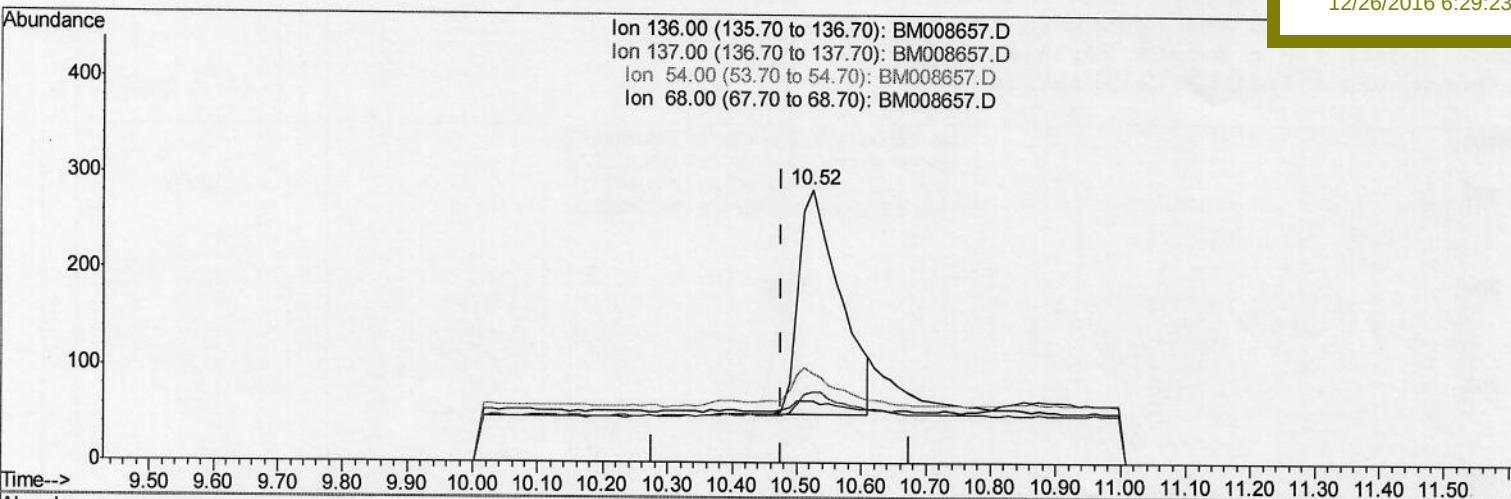
ClientSampleID :

DA884DL

Manual Integrations
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(2) Naphthalene-d8 (I)

10.524min (+0.049) 0.40ng/ul

response 1052

Ion	Exp%	Act%
136.00	100	100
137.00	13.90	26.06#
54.00	15.50	32.75#
68.00	9.90	22.89#

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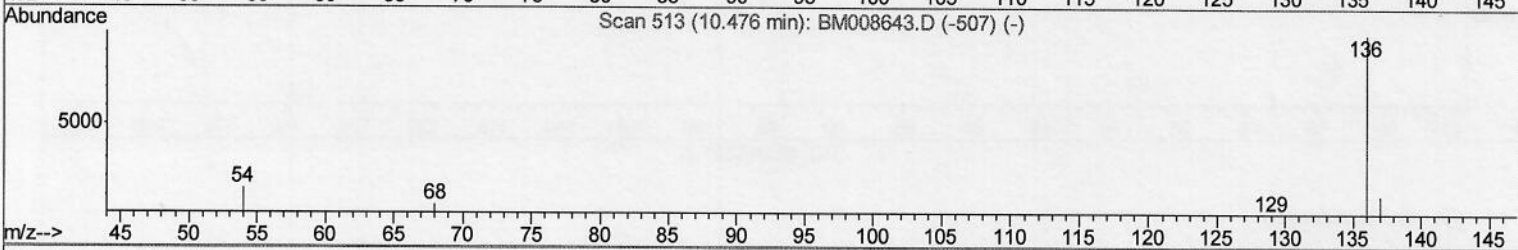
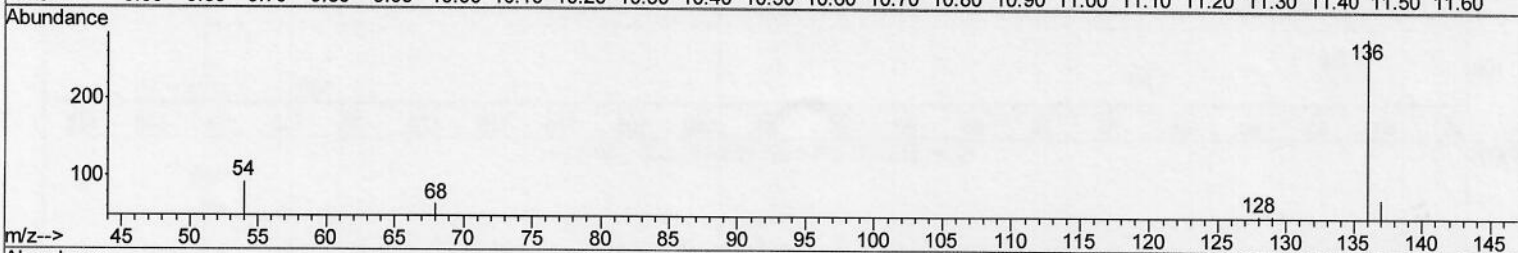
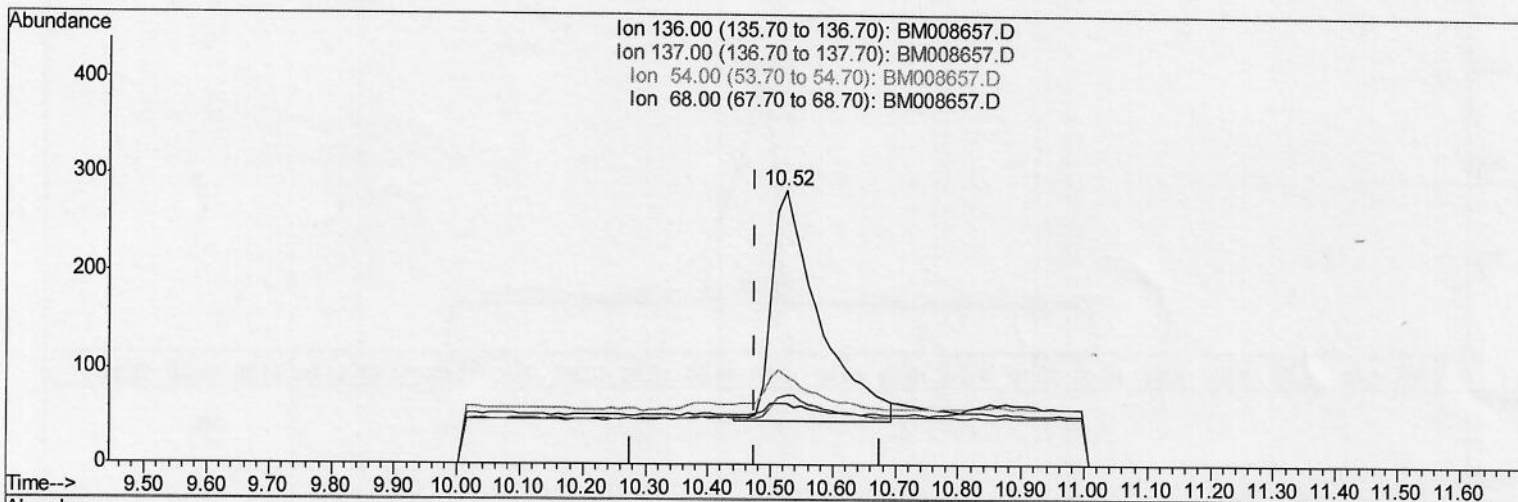
Misc :
 ALS Vial : 72 Sample Multiplier: 1

Quant Time: Dec 26 01:00:39 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
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(2) Naphthalene-d8 (I)

10.524min (+0.049) 0.40ng/ul m

response 1252

Ion	Exp%	Act%
136.00	100	100
137.00	13.90	26.06#
54.00	15.50	32.75#
68.00	9.90	22.89#

75.5
 12/27/16

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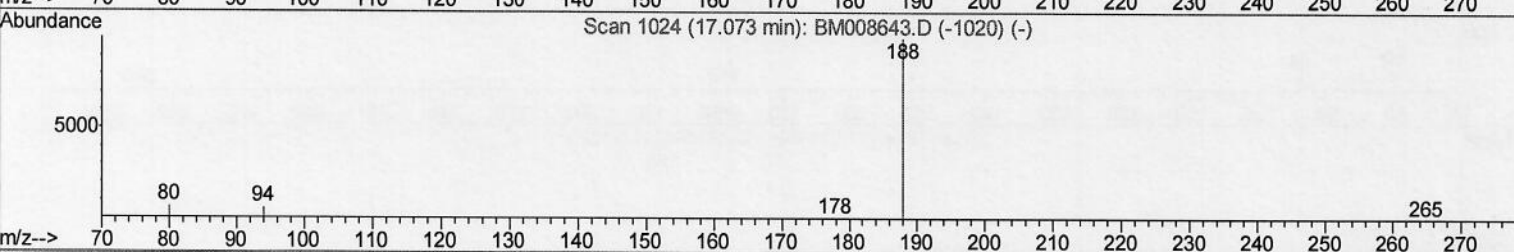
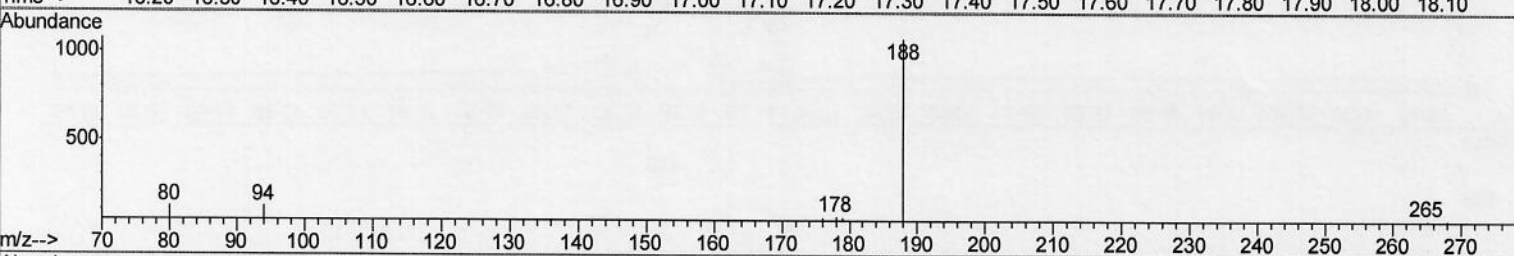
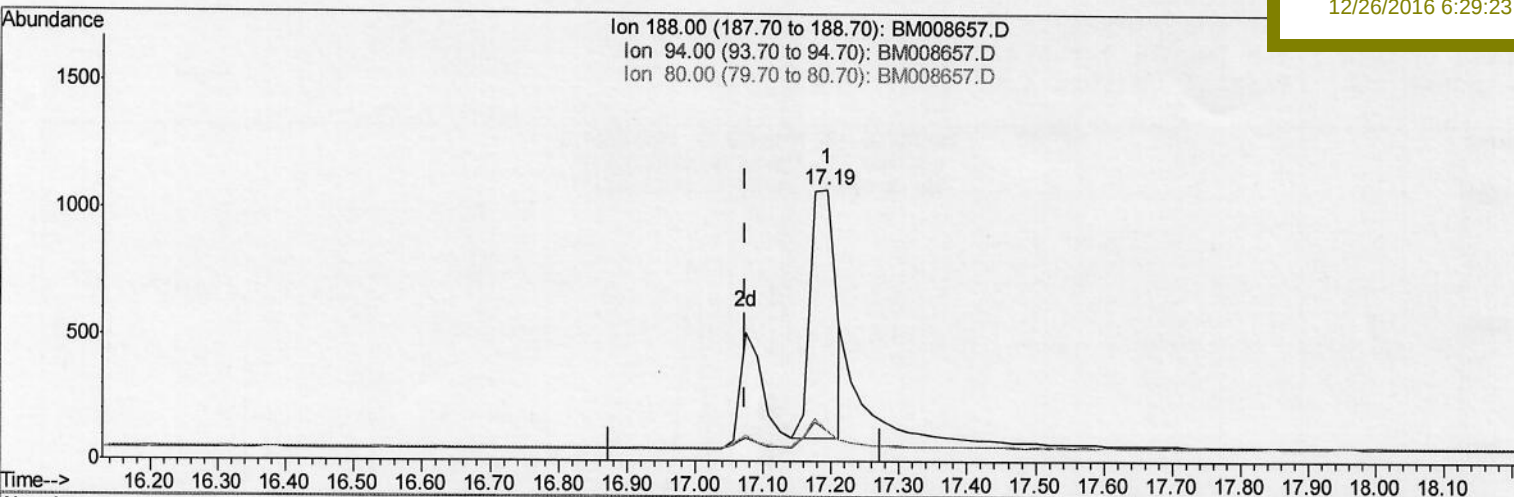
Misc :
 ALS Vial : 72 Sample Multiplier: 1

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TIC: BM008657.D

(10) Phenanthrene-d10 (I)

17.193min (+0.120) 0.40ng/ul

response 2573

Ion	Exp%	Act%
188.00	100	100
94.00	11.00	11.33
80.00	11.80	11.33
0.00	0.00	0.00

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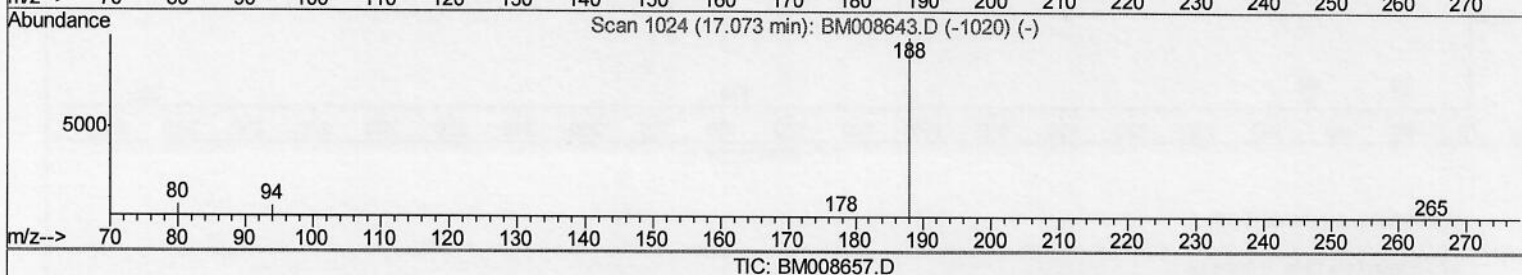
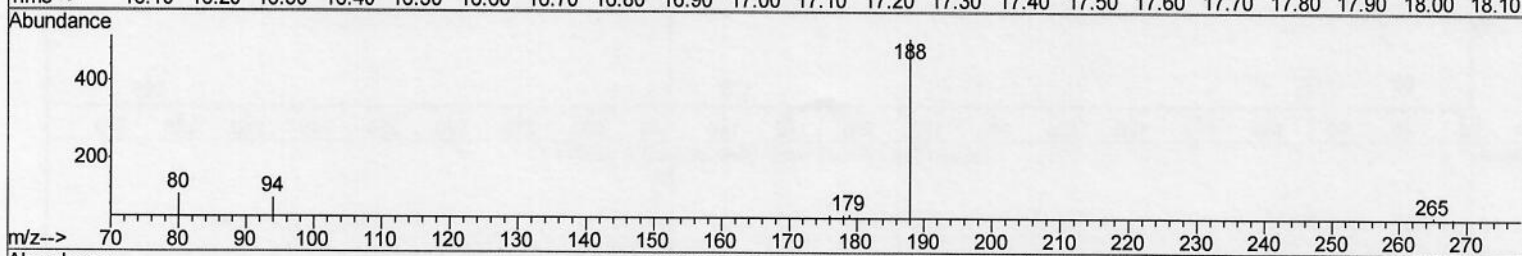
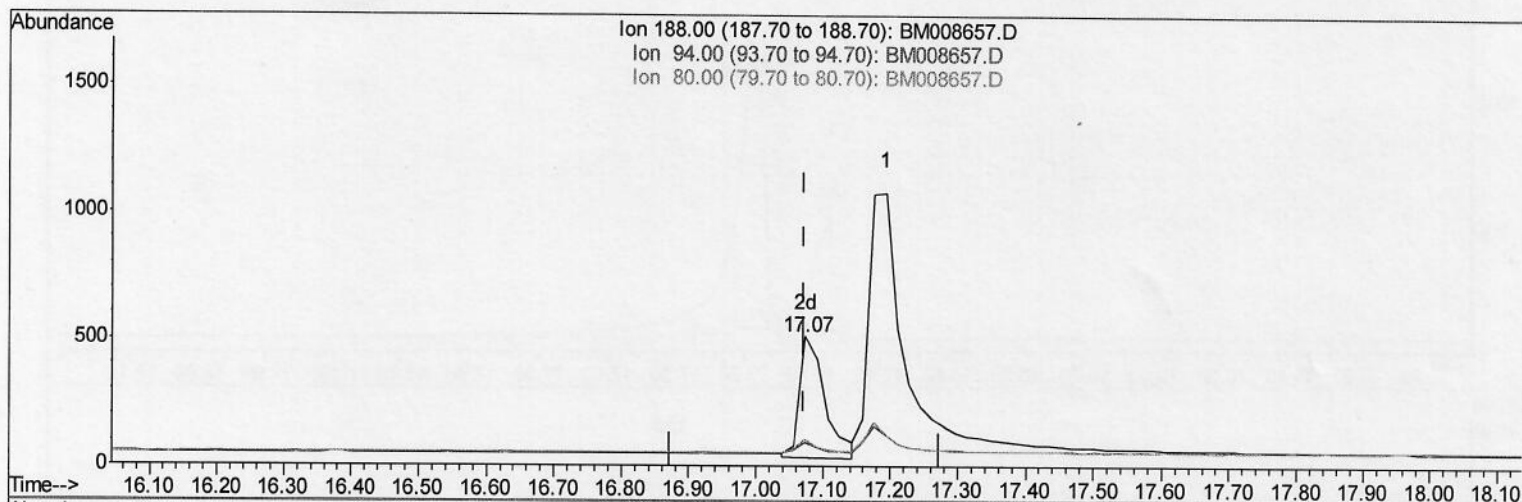
Misc :
ALS Vial : 72 Sample Multiplier: 1

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TIC: BM008657.D

(10) Phenanthrene-d10 (I)

17.073min (+0.000) 0.40ng/ul m

response 1255

Ion	Exp%	Act%
188.00	100	100
94.00	11.00	18.55#
80.00	11.80	20.51#
0.00	0.00	0.00

9.9
12/27/16

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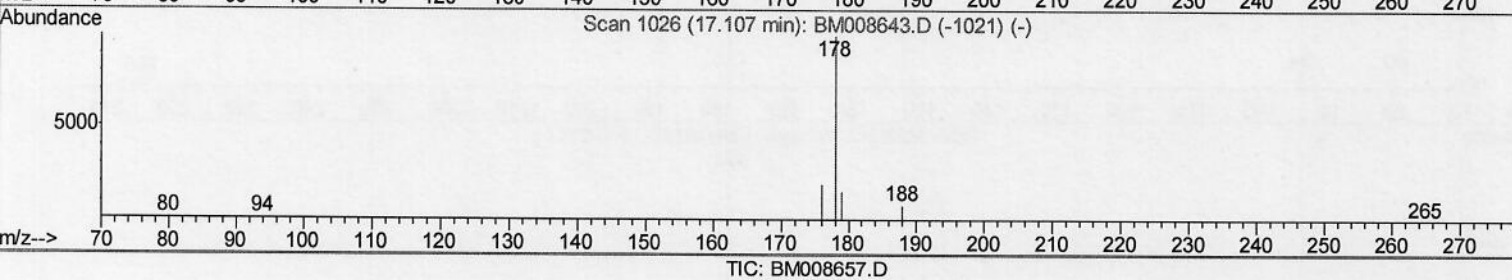
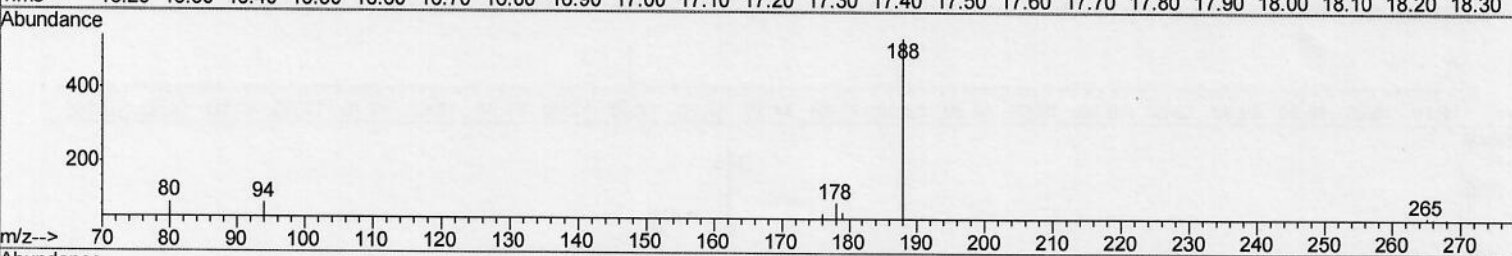
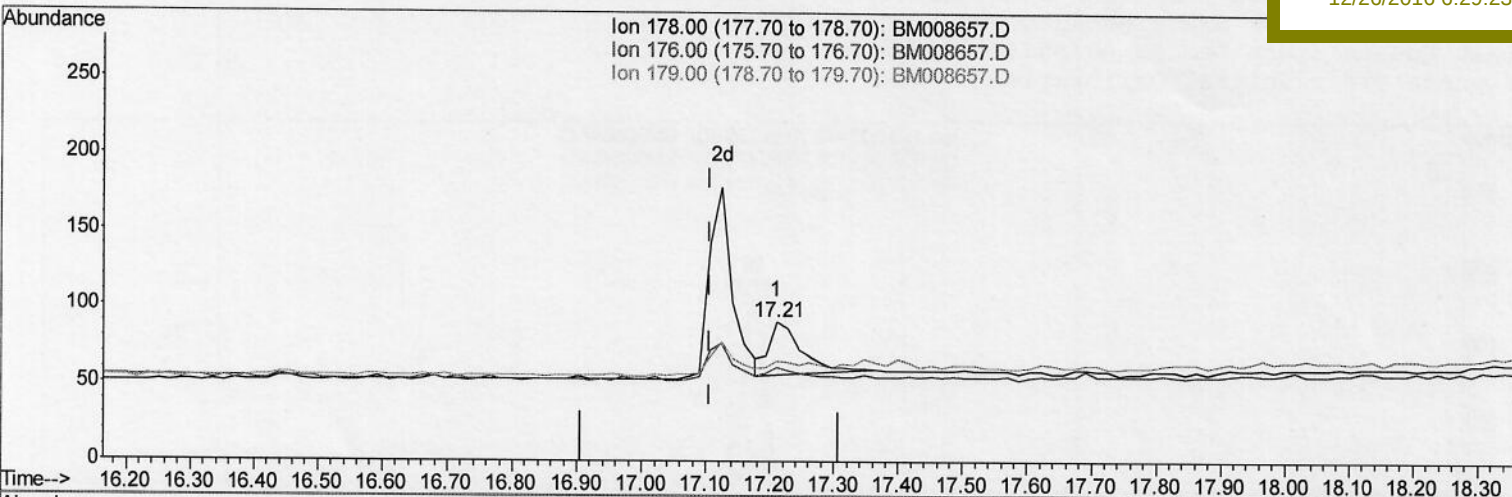
Misc :
ALS Vial : 72 Sample Multiplier: 1

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TIC: BM008657.D

(12) Phenanthrene

17.211min (+0.103) 0.03ng/ul

response 126

Ion	Exp%	Act%
178.00	100	100
176.00	23.00	67.78#
179.00	17.00	72.22#
0.00	0.00	0.00

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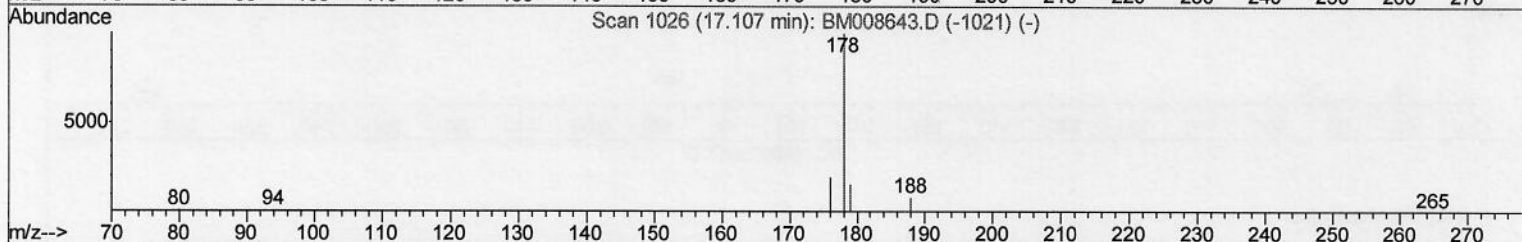
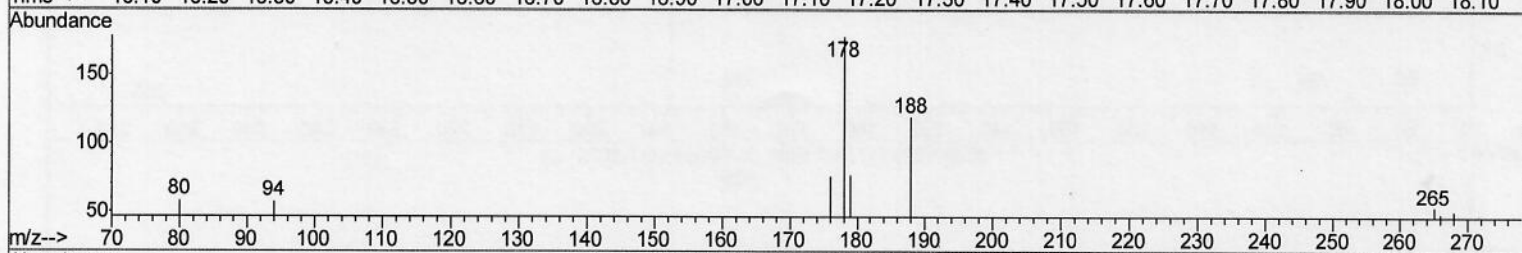
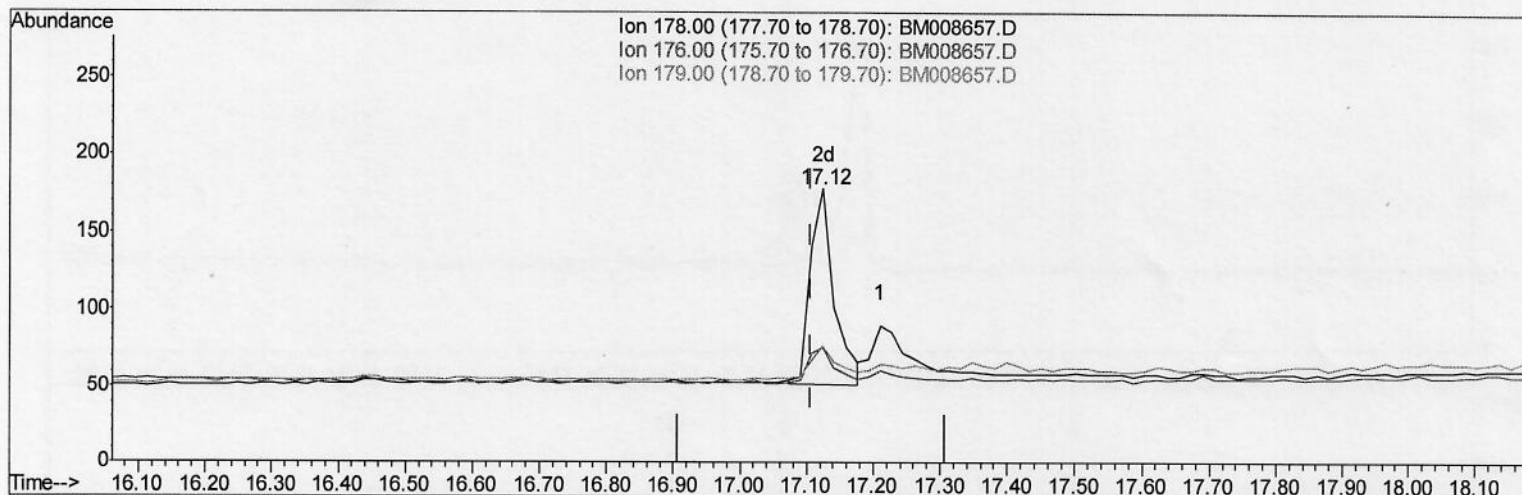
Misc :
 ALS Vial : 72 Sample Multiplier: 1

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TIC: BM008657.D

(12) Phenanthrene

17.125min (+0.017) 0.08ng/ul m

response 323

Ion Exp% Act%

178.00 100 100

176.00 23.00 42.70#

179.00 17.00 43.26#

0.00 0.00 0.00

75-1
 12/27/16

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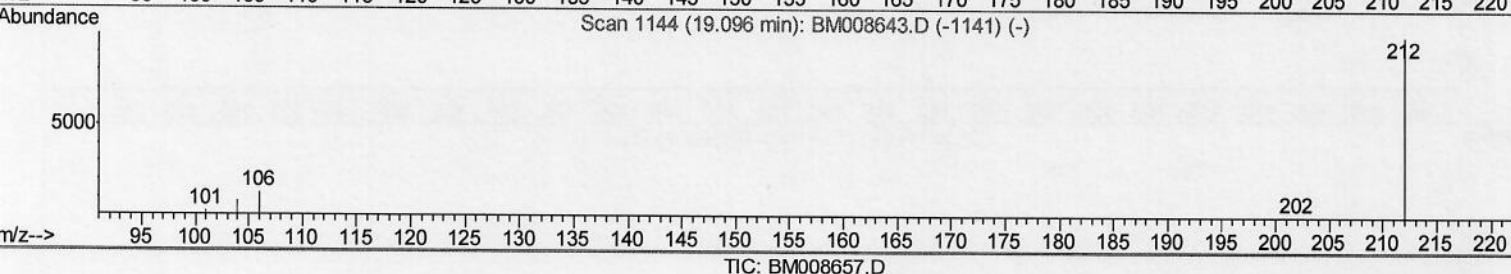
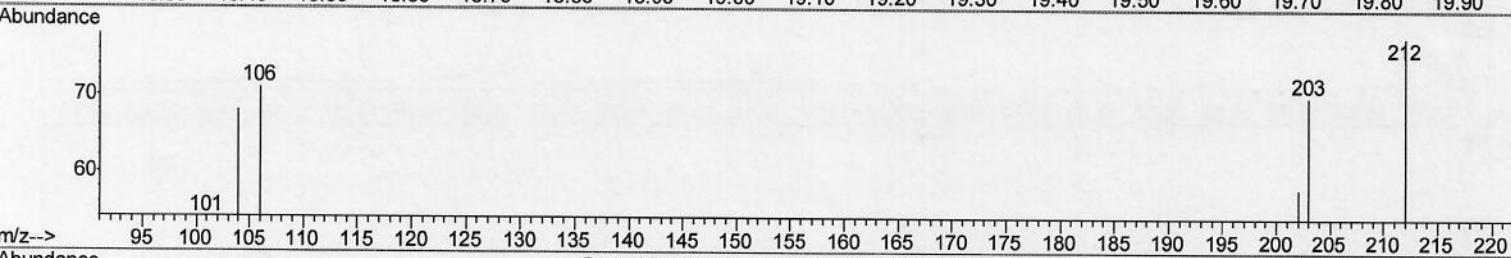
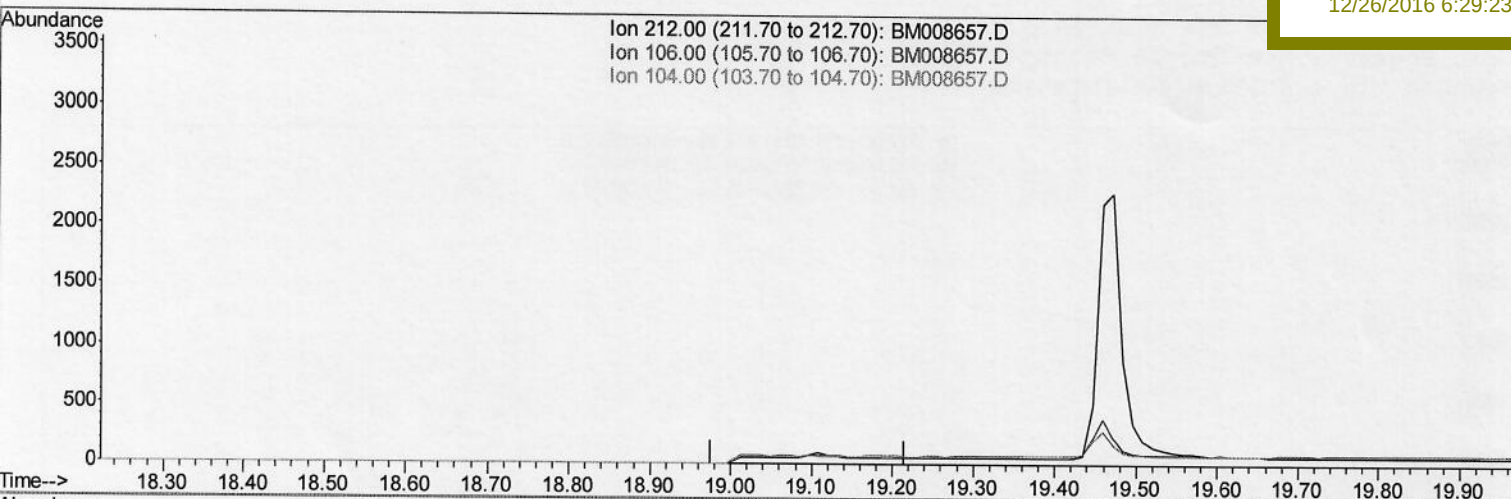
Misc :
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(14) Fluoranthene-d10 (SURR)

19.096min (-19.096) 0.00ng/ul

response 0

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

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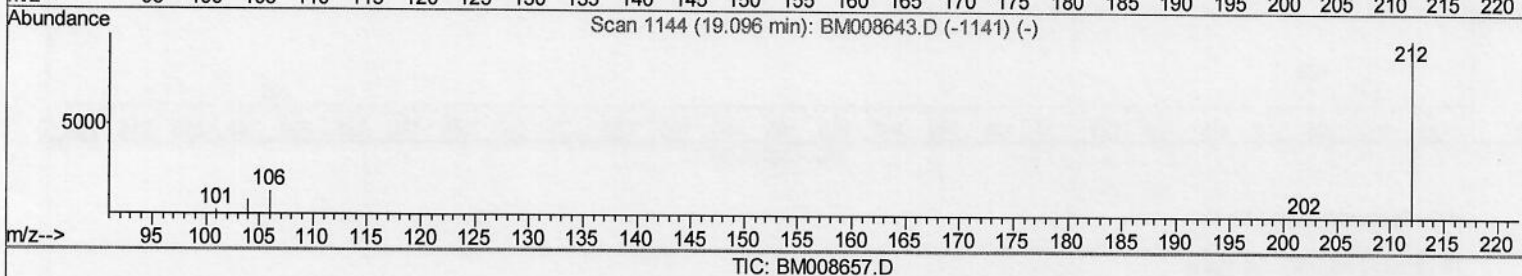
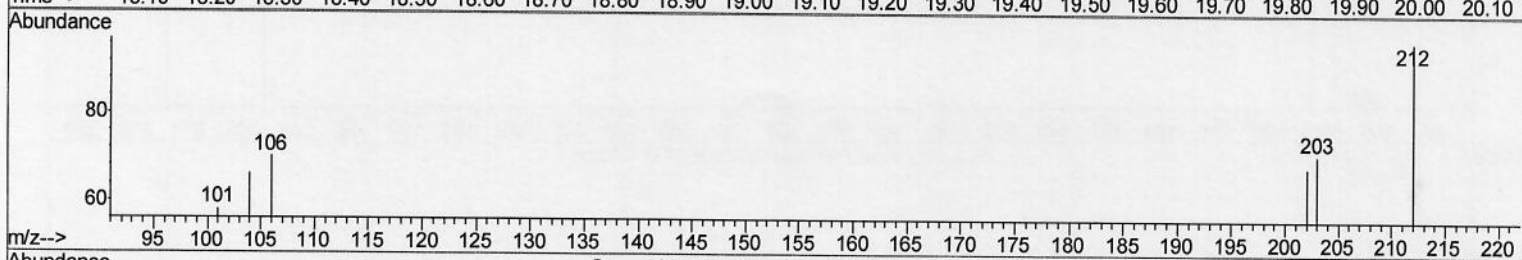
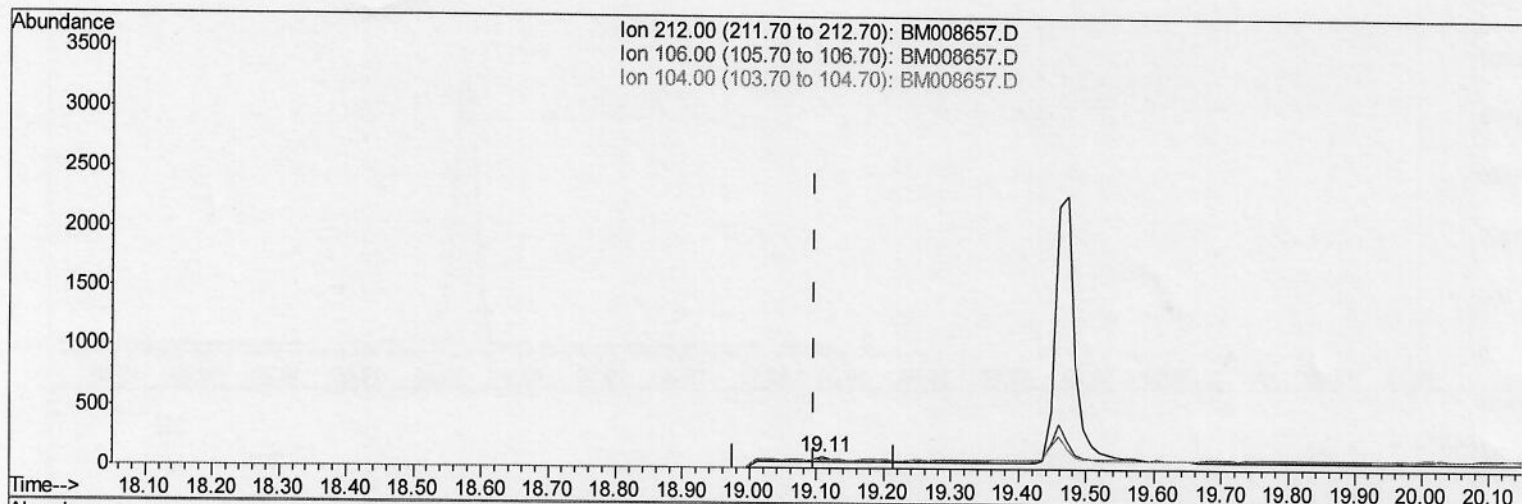
Misc :
 ALS Vial : 72 Sample Multiplier: 1

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TIC: BM008657.D

(14) Fluoranthene-d10 (SURR)

19.108min (+0.012) 0.03ng/ul m

response 99

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

75.9
 12/27/16

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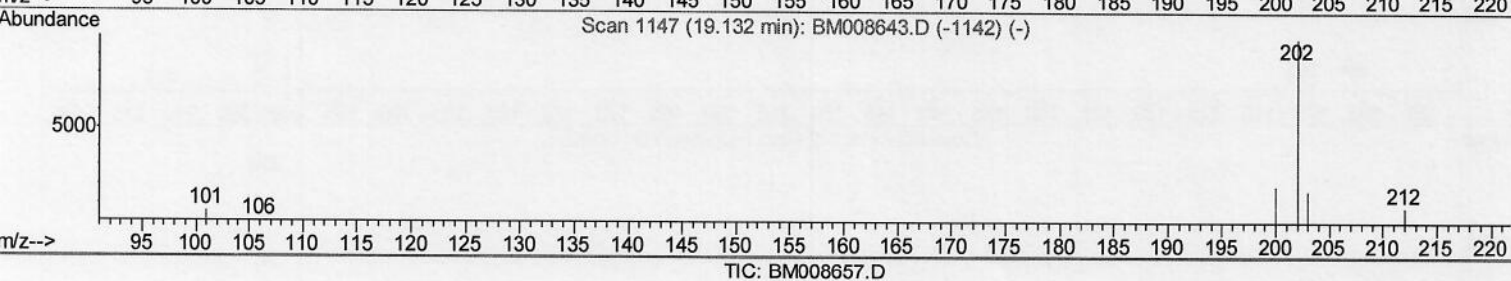
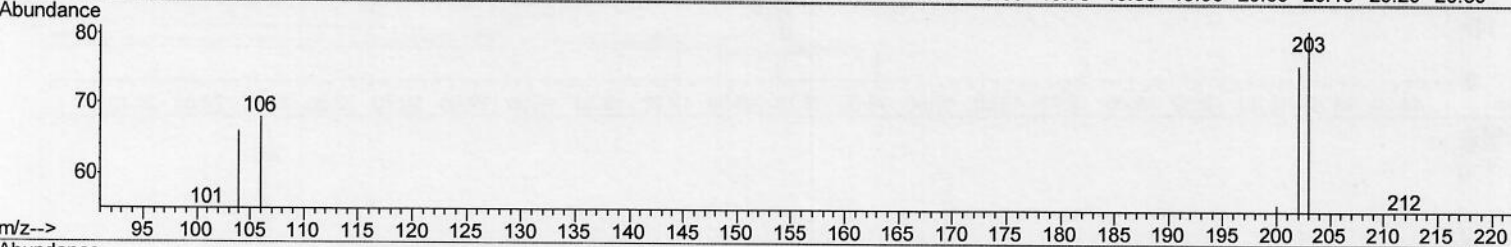
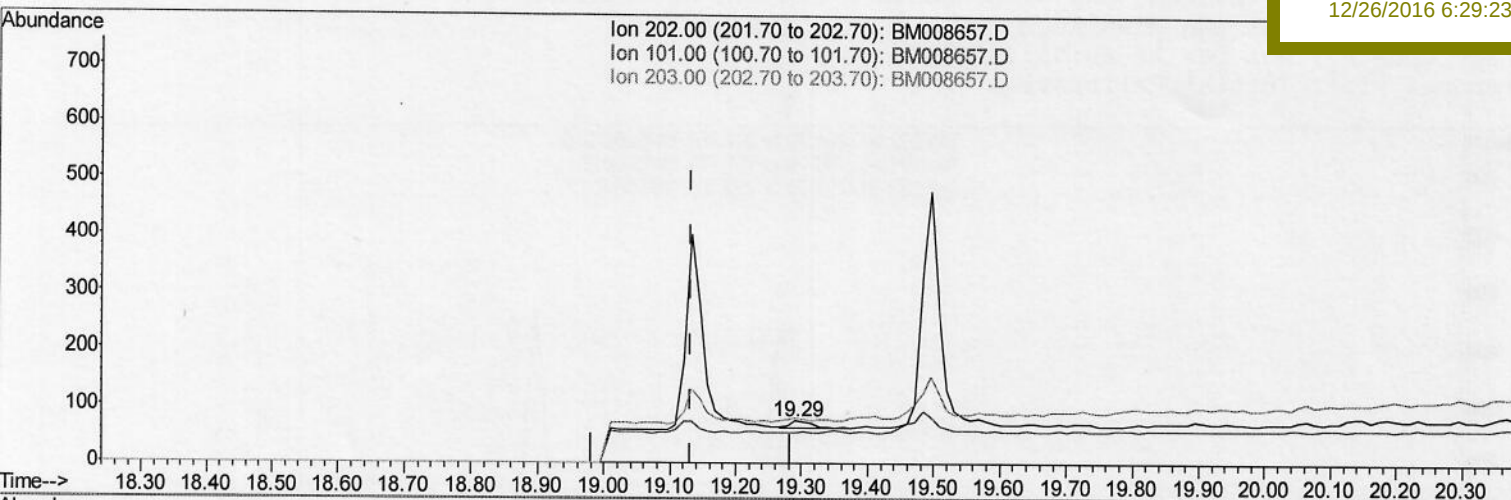
Misc :
 ALS Vial : 72 Sample Multiplier: 1

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Manual Integrations
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(15) Fluoranthene (C)

19.290min (+0.158) 0.01ng/ul

response 33

Ion	Exp%	Act%
202.00	100	100
101.00	10.30	72.37#
203.00	19.50	106.58#
0.00	0.00	0.00

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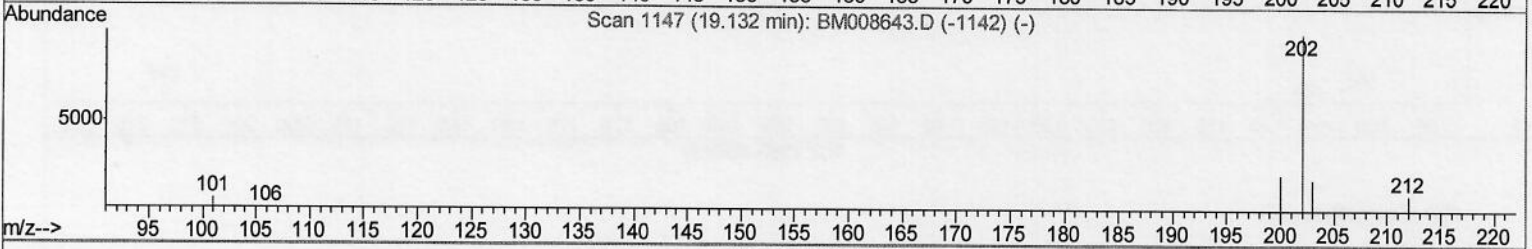
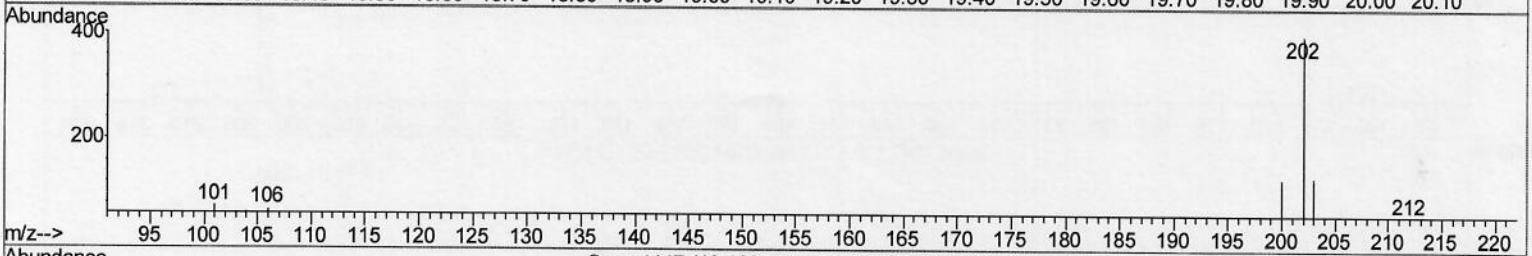
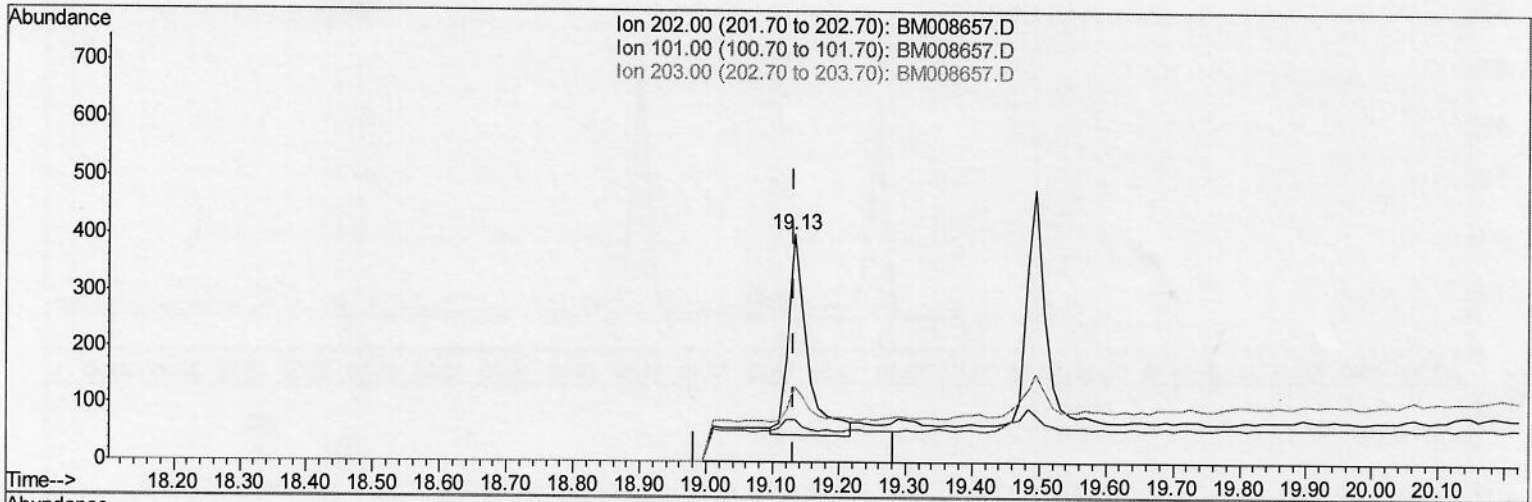
Misc :
 ALS Vial : 72 Sample Multiplier: 1

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TIC: BM008657.D

(15) Fluoranthene (C)

19.133min (+0.000) 0.15ng/ul m

response 712

Ion	Exp%	Act%
202.00	100	100
101.00	10.30	18.45
203.00	19.50	32.42
0.00	0.00	0.00

7 9-9
 12/27/16

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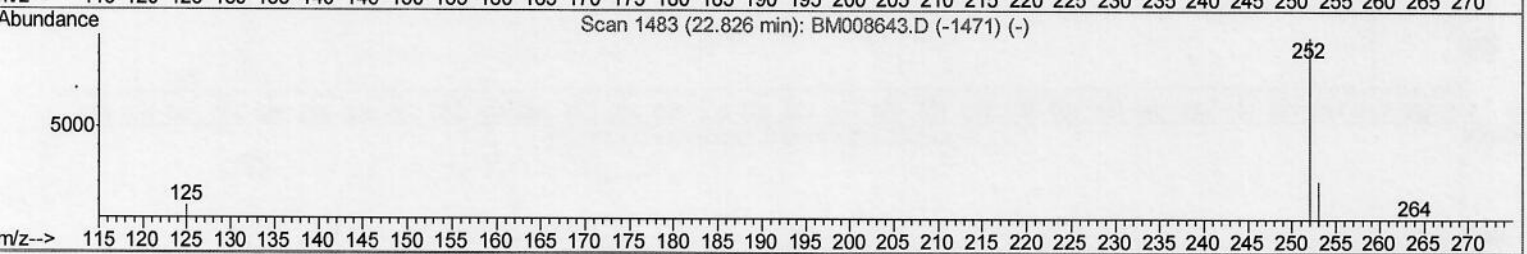
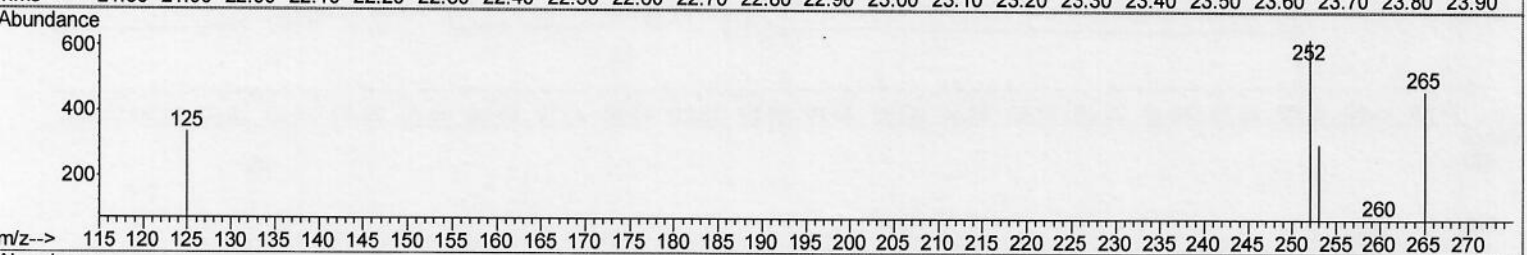
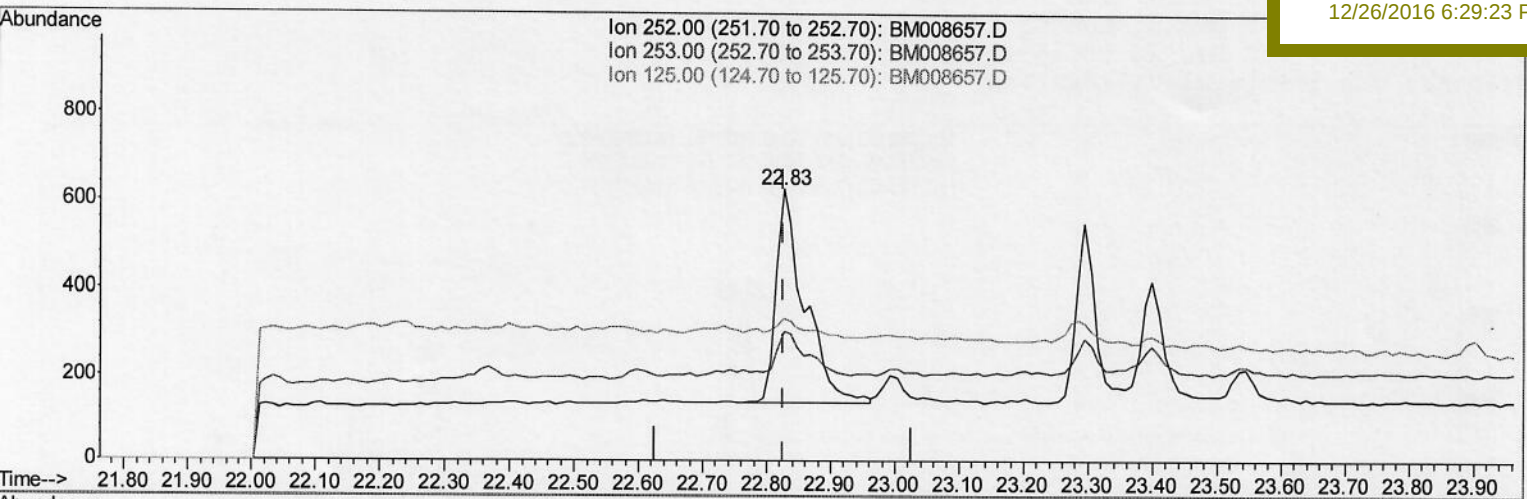
Misc :
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TIC: BM008657.D

(21) Benzo(b)fluoranthene

22.826min (+0.000) 0.24ng/ul

response 1525

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	48.48
125.00	17.50	53.43#
0.00	0.00	0.00

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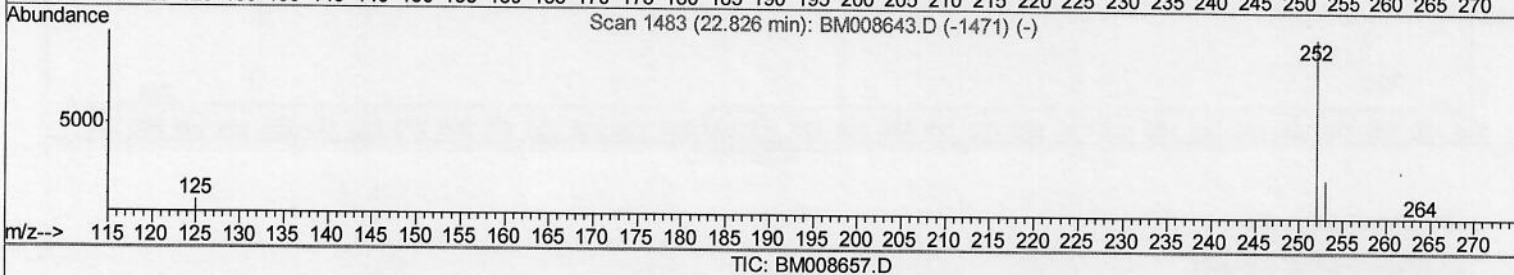
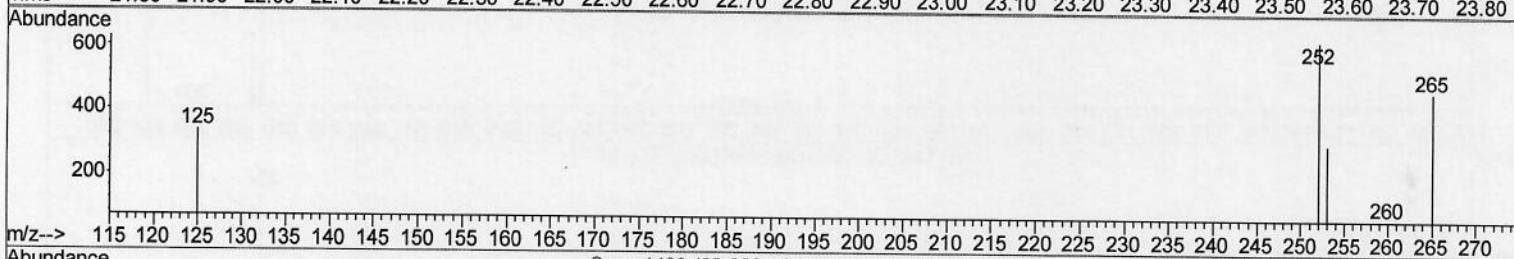
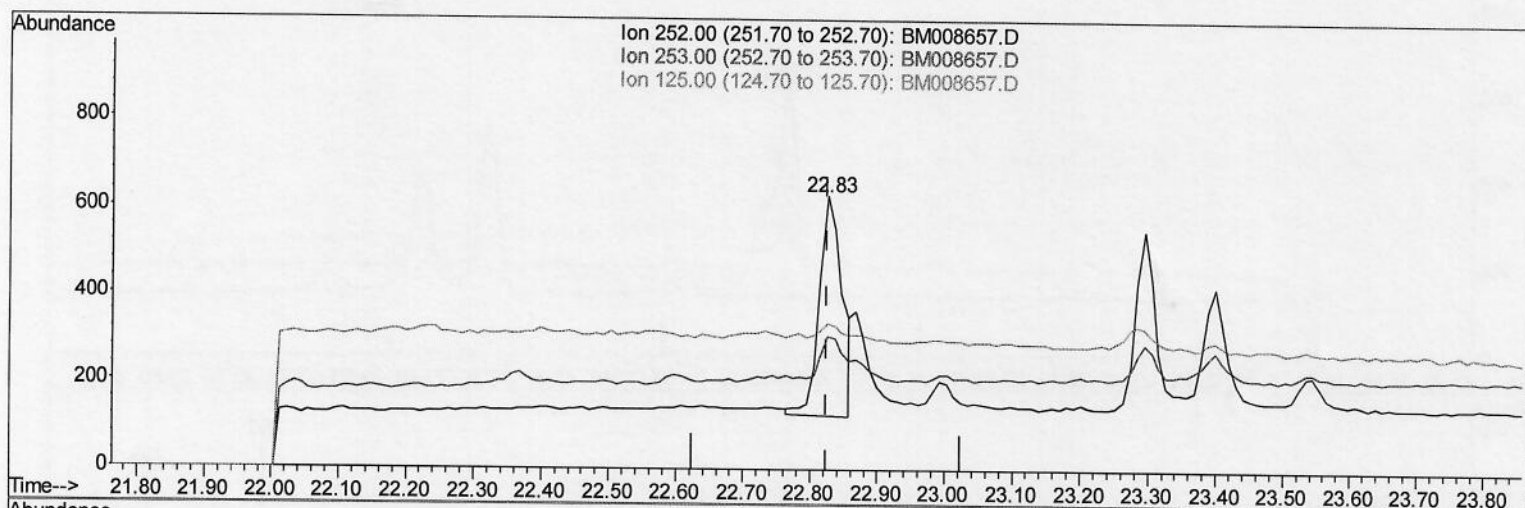
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(21) Benzo(b)fluoranthene

22.826min (+0.000) 0.19ng/ul m

response 1208

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	48.48
125.00	17.50	53.43#
0.00	0.00	0.00

79.7
 12/27/16

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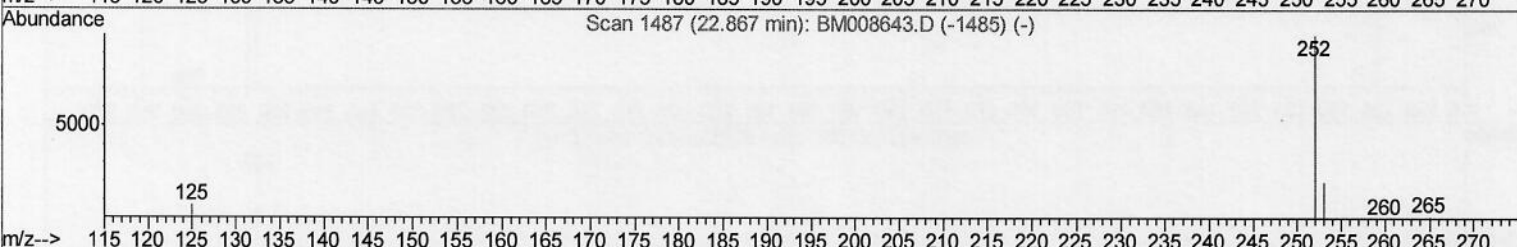
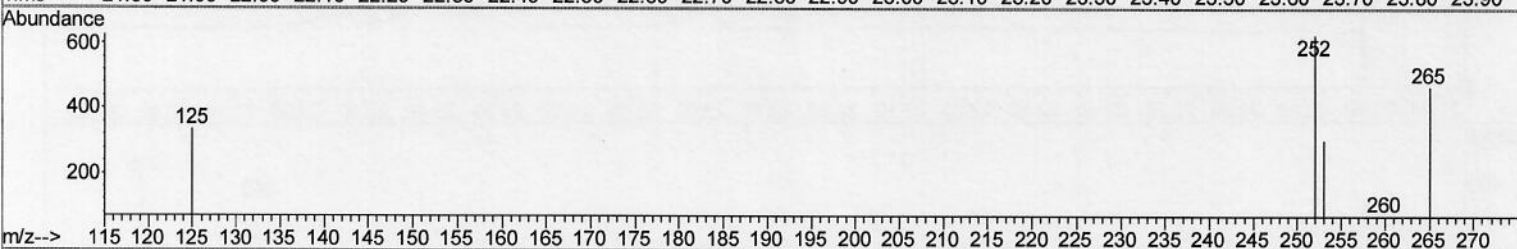
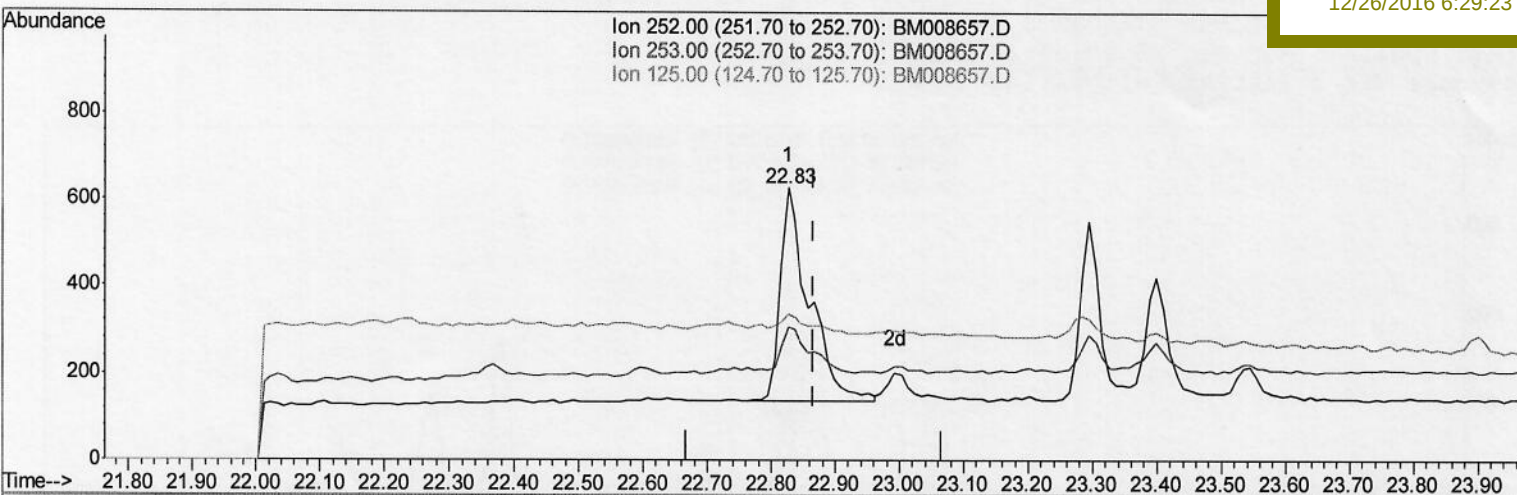
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TIC: BM008657.D

(22) Benzo(k)fluoranthene

22.826min (-0.041) 0.25ng/ul

response 1525

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	48.48#
125.00	17.10	53.43#
0.00	0.00	0.00

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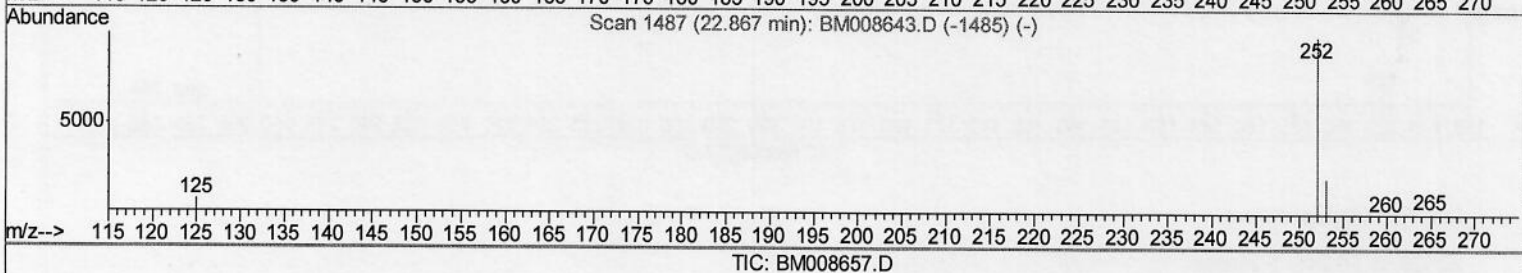
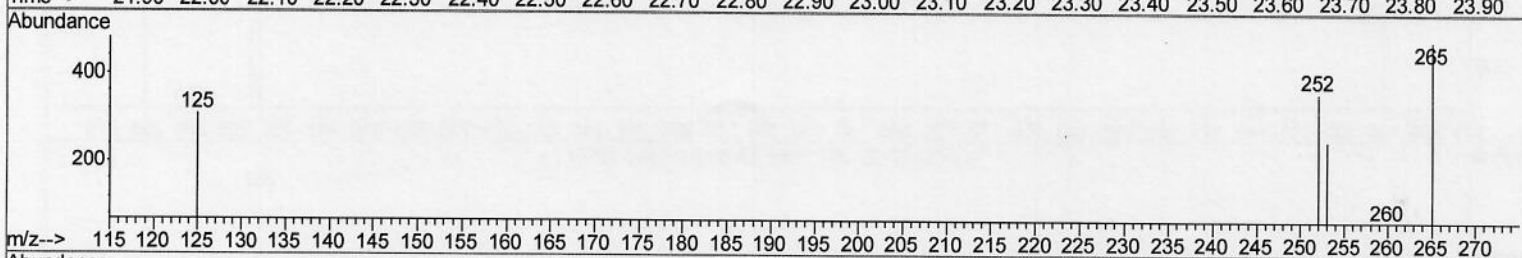
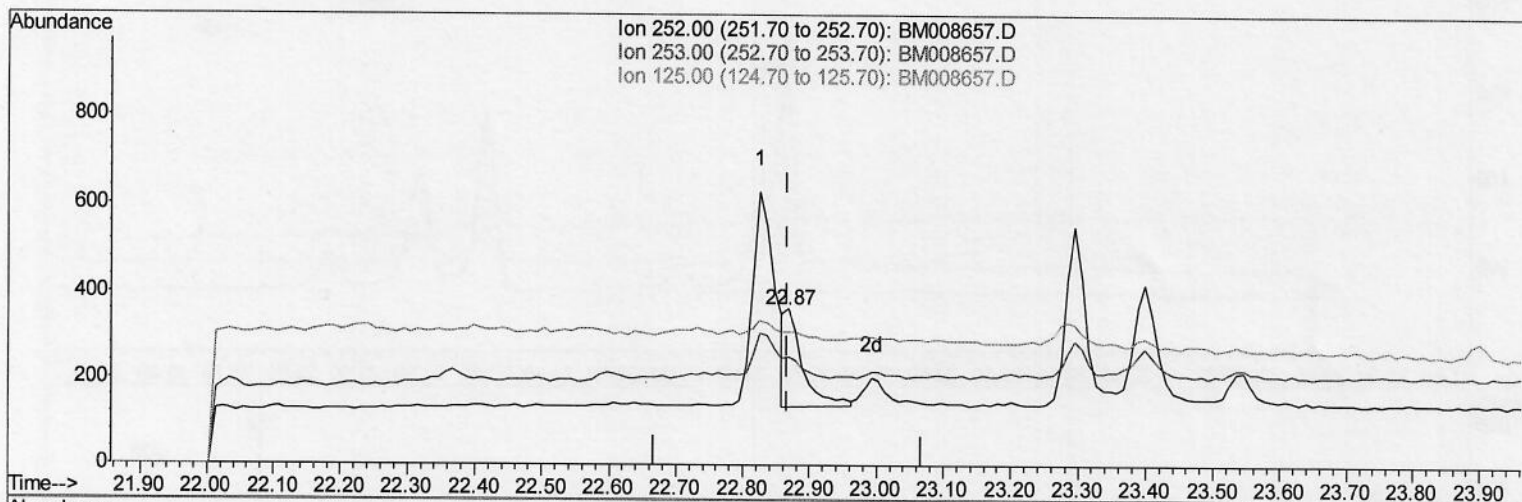
Misc :
 ALS Vial : 72 Sample Multiplier: 1

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 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 :
 DA884DL

Manual Integrations
 APPROVED

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(22) Benzo(k)fluoranthene

22.868min (+0.000) 0.07ng/ul m

response 420

Ion Exp% Act%

252.00 100 100

253.00 30.60 69.53#

125.00 17.10 85.60#

0.00 0.00 0.00

5.7
 12/27/16

TIC: BM008657.D

Data Path : Z:\HPCHEM1\BNA_M\Data\BM122416\
 Data File : BM008657.D
 Acq On : 25 Dec 2016 06:03
 Operator : UM/SJ
 Sample : H5995-16DL 10X
 Misc :
 ALS Vial : 72 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA884DL

Manual Integrations
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Quant Time: Dec 26 03:06:44 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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	379	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.52	136	1252m	0.40	ng/ul	0.05
6) Acenaphthene-d10	14.31	164	718	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.07	188	1255m	0.40	ng/ul	0.00
16) Chrysene-d12	21.27	240	1484	0.40	ng/ul	0.01
20) Perylene-d12	23.49	264	1612	0.40	ng/ul	0.00

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.14	152	19	0.01	ng/ul	0.06
14) Fluoranthene-d10	19.11	212	99m	0.03	ng/ul	0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	10.56	128	147	0.04	ng/ul#	1
5) 2-Methylnaphthalene	12.22	142	172	0.07	ng/ul	88
7) Acenaphthylene	14.04	152	82	0.03	ng/ul#	1
12) Phenanthrene	17.12	178	323m	0.08	ng/ul	
13) Anthracene	17.21	178	114	0.03	ng/ul#	1
15) Fluoranthene	19.13	202	712m	0.15	ng/ul	
17) Pyrene	19.50	202	804	0.14	ng/ul#	80
18) Benzo(a)anthracene	21.25	228	680	0.14	ng/ul#	63
19) Chrysene	21.30	228	723	0.14	ng/ul#	73
21) Benzo(b)fluoranthene	22.83	252	1208m	0.19	ng/ul	
22) Benzo(k)fluoranthene	22.87	252	420m	0.07	ng/ul	
23) Benzo(a)pyrene	23.40	252	604	0.10	ng/ul#	31
24) Indeno(1,2,3-cd)pyrene	25.76	276	605	0.09	ng/ul#	93
26) Benzo(g,h,i)perylene	26.44	276	644	0.11	ng/ul#	58

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

Quantitation Report (QT Reviewed)

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Manual Integrations
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