

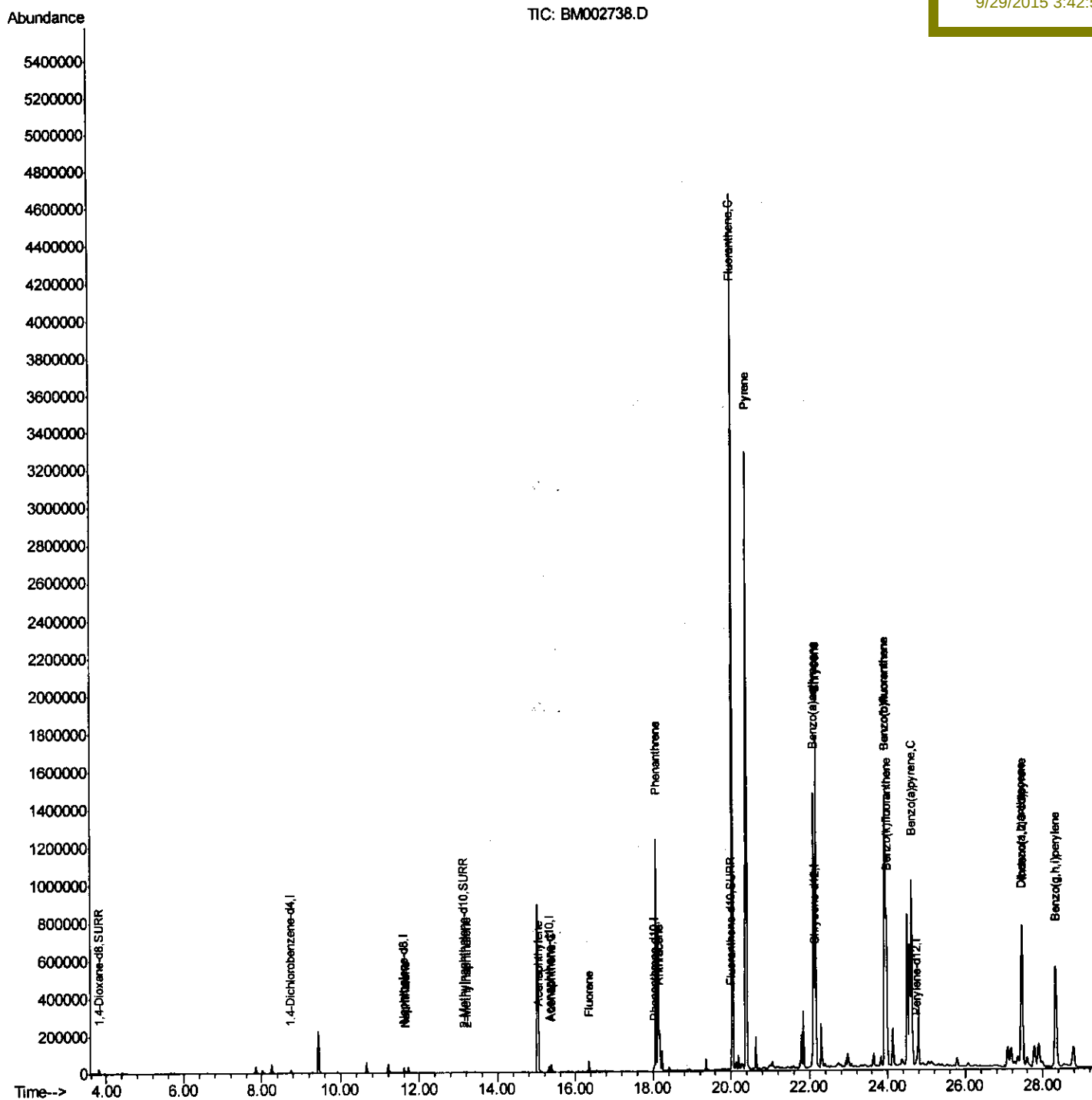
Data Path : Z:\HPCHEM1\BNA M\Data\BM092815\
Data File : BM002738.D
Acq On : 28 Sep 2015 17:51
Operator : UM/IZ
Sample : G3798-19
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Sep 29 05:05:49 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-SIM-BM092415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 29 02:52:19 2015
Response via : Initial Calibration

Instrument :
BNA_M
Client Sample Id :
D9G73

Manual Integrations
APPROVED

MMDadoda
9/29/2015 3:42:53 PM



Quantitation Report (Qedit)

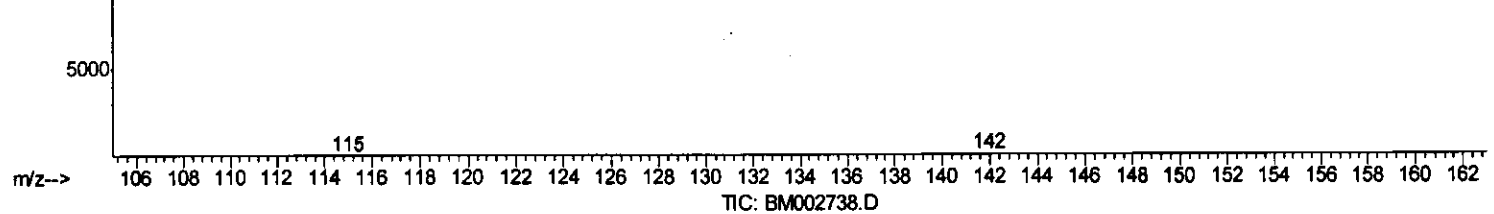
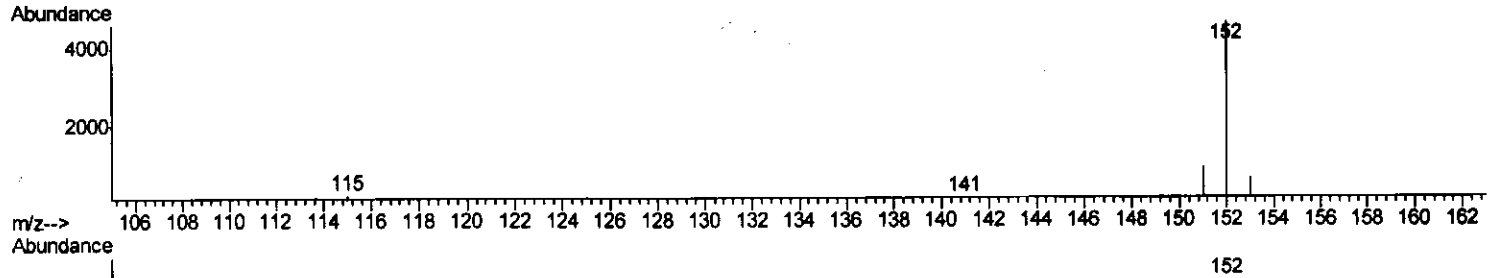
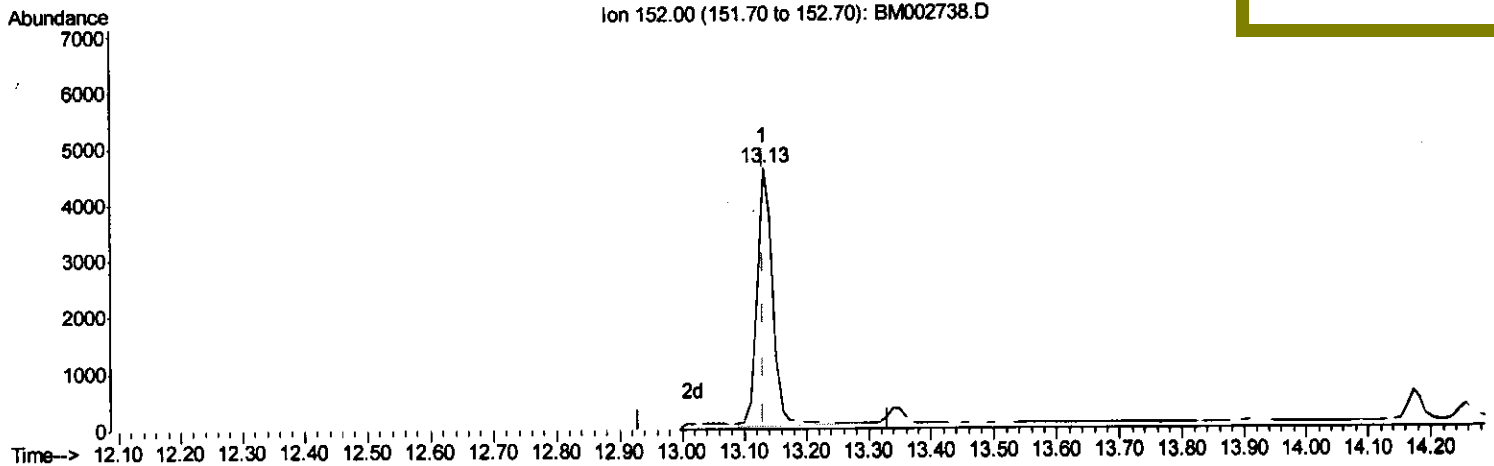
Data Path : Z:\HPCHEM1\BNA M\Data\BM092815\
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 ClientSampleId :
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Manual Integrations
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MMDadoda
 9/29/2015 3:42:53 PM

Quant Time: Sep 29 01:56:59 2015
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-SIM-BM092415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 29 02:52:19 2015
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(6) 2-Methylnaphthalene-d10 (SURR)

13.131min (-0.000) 0.14ng/ul

response 8060

Ion	Exp%	Act%
152.00	100	100
151.00	18.90	26.17#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

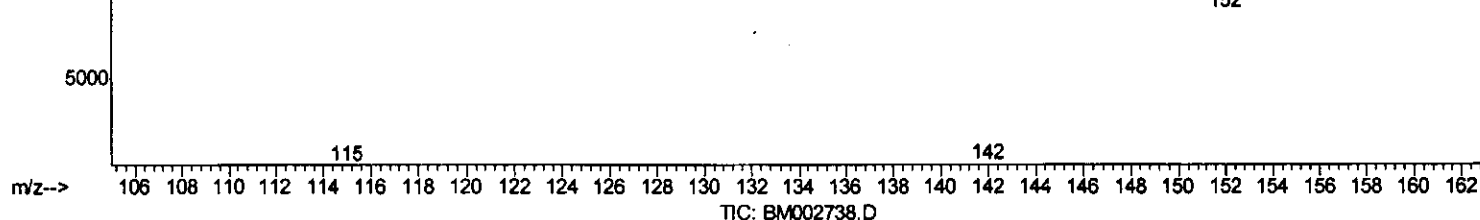
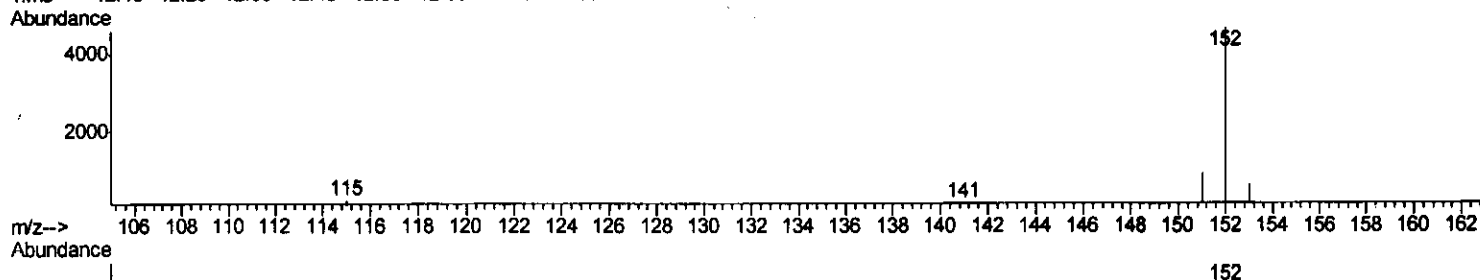
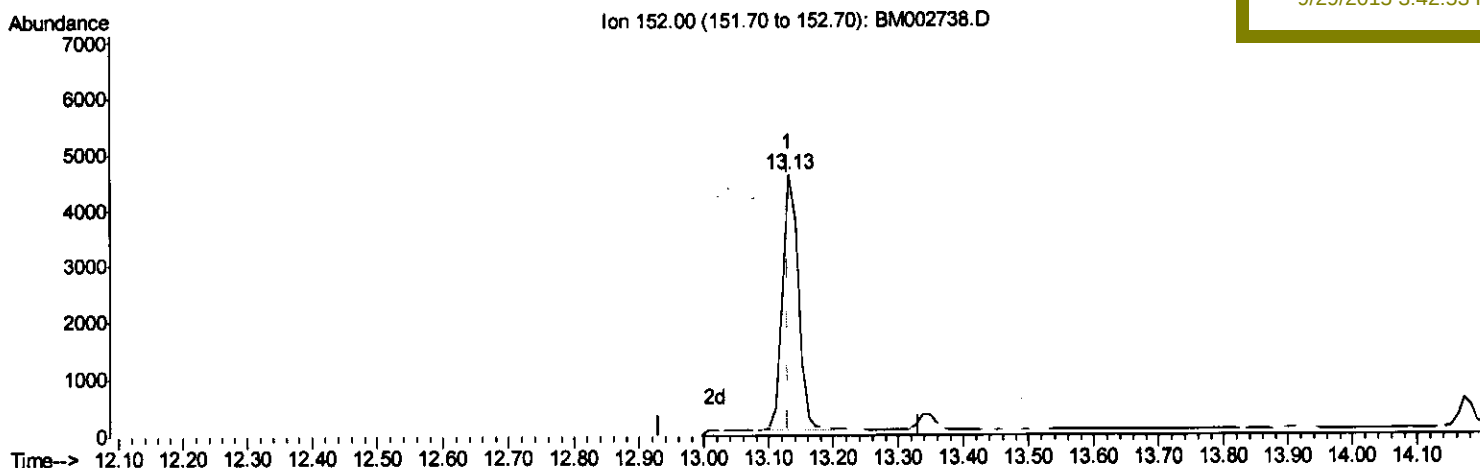
Data Path : Z:\HPCHEM1\BNA M\Data\BM092815\
Data File : BM002738.D
Acq On : 28 Sep 2015 17:51
Operator : UM/IZ
Sample : G3798-19
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
D9G73

Quant Time: Sep 29 01:56:59 2015
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Manual Integrations
APPROVED

MMDadoda
9/29/2015 3:42:53 PM



(6) 2-Methylnaphthalene-d10 (SURR)

13.131min (-0.000) 0.13ng/ul m

response 7655

Ion	Exp%	Act%
152.00	100	100
151.00	18.90	27.55#
0.00	0.00	0.00
0.00	0.00	0.00

> U.M
09/30/15

Quantitation Report (Qedit)

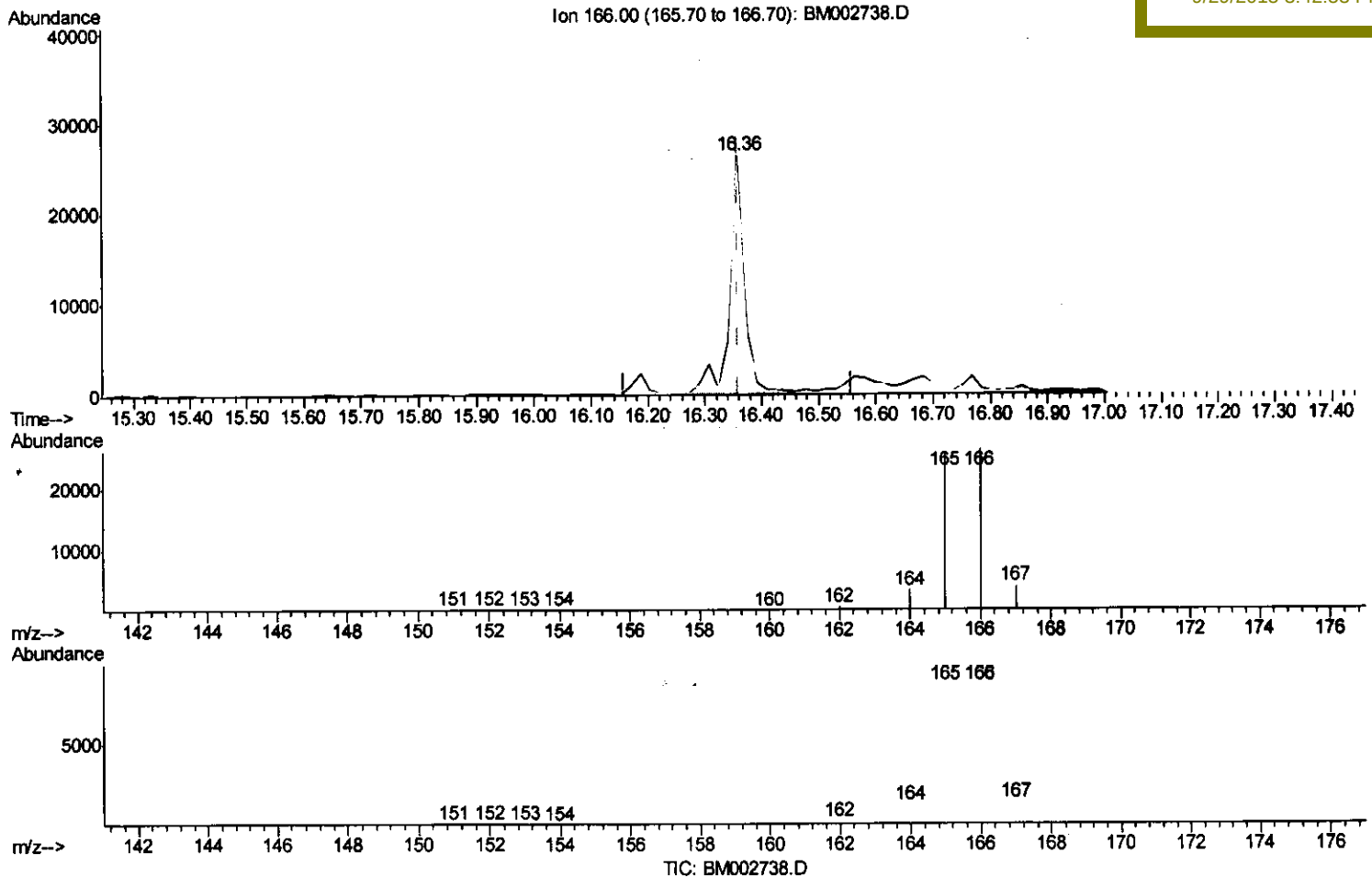
Data Path : Z:\HPCHEM1\BNA M\Data\BM092815\
 Data File : BM002738.D
 Acq On : 28 Sep 2015 17:51
 Operator : UM/IZ
 Sample : G3798-19
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9G73

Manual Integrations
 APPROVED

MMDadoda
 9/29/2015 3:42:53 PM

Quant Time: Sep 29 01:56:59 2015
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-SIM-BM092415.M
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 * Response via : Initial Calibration



(11) Fluorene

16.358min (-0.000) 0.50ng/ul

response 46206

Ion	Exp%	Act%
166.00	100	100
165.00	109.50	97.53
167.00	13.90	15.16
0.00	0.00	0.00

Quantitation Report (Qedit)

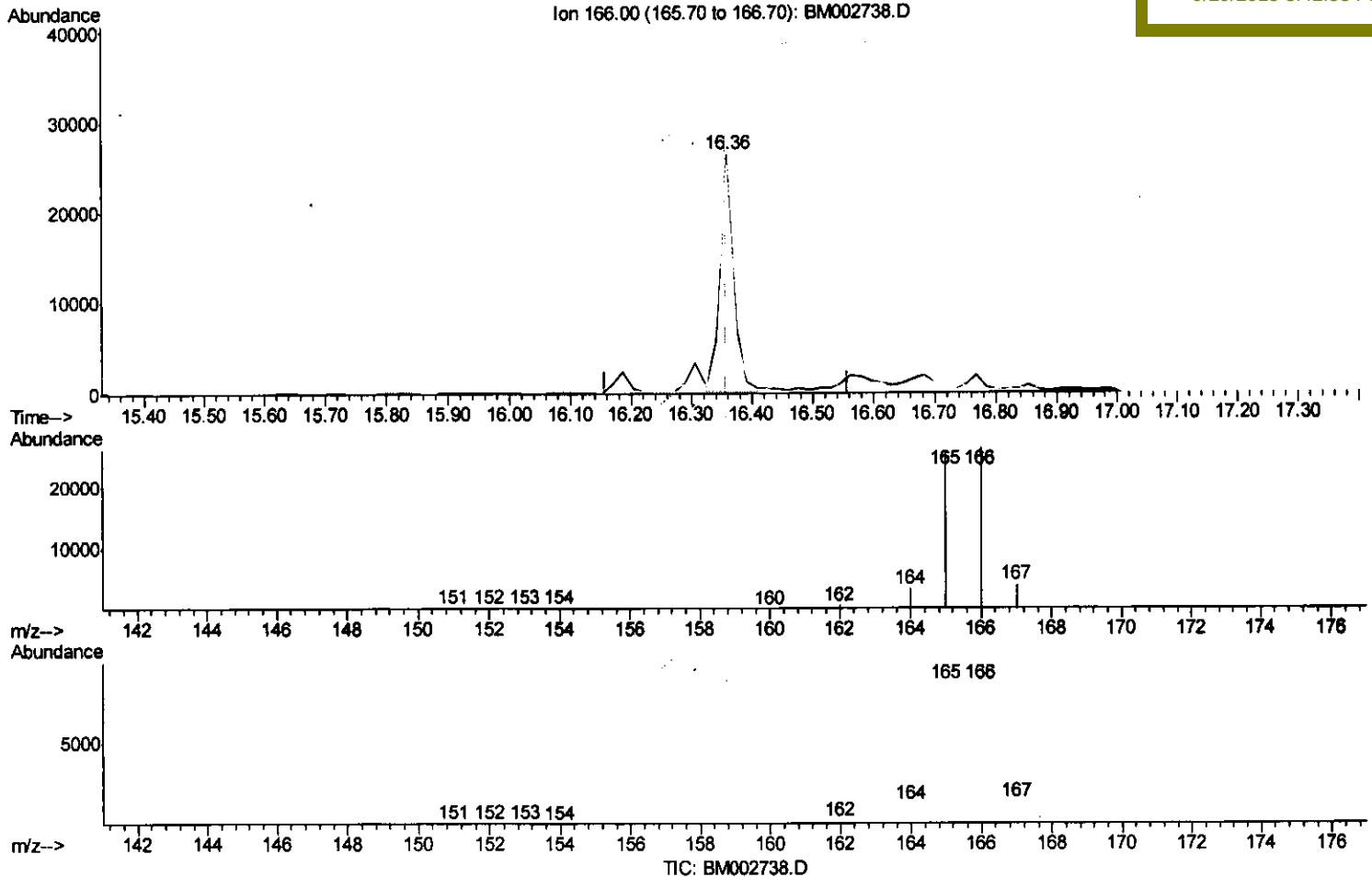
Data Path : Z:\HPCHEM1\BNA M\Data\BM092815\
 Data File : BM002738.D
 Acq On : 28 Sep 2015 17:51
 Operator : UM/IZ
 Sample : G3798-19
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9G73

Manual Integrations
 APPROVED

MMDadoda
 9/29/2015 3:42:53 PM

Quant Time: Sep 29 01:56:59 2015
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 Response via : Initial Calibration



(11) Fluorene

16.358min (-0.000) 0.44ng/ul m

response 40757

> U.M
09/30/15

Ion	Exp%	Act%
166.00	100	100
165.00	109.50	97.53
167.00	13.90	15.16
0.00	0.00	0.00

Quantitation Report (Qedit)

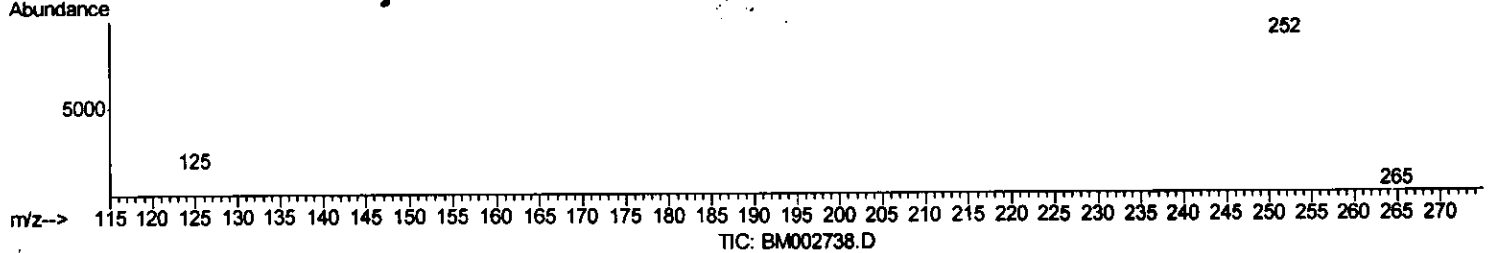
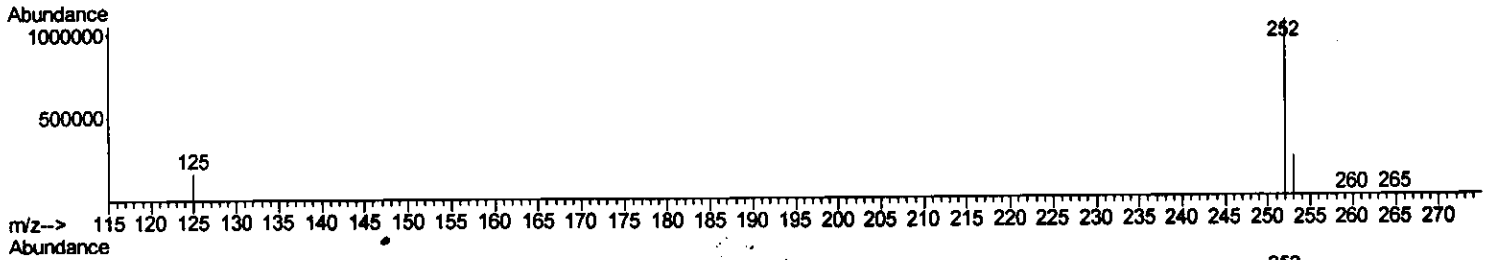
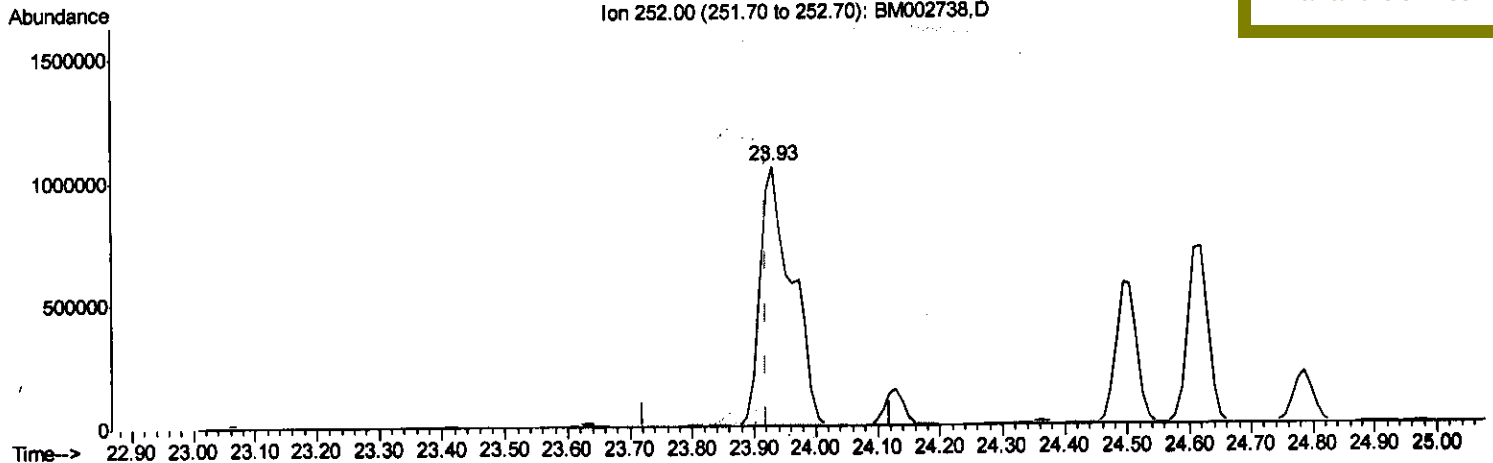
Data Path : Z:\HPCHEM1\BNA M\DATA\BM092815\
 Data File : BM002738.D
 Acq On : 28 Sep 2015 17:51
 Operator : UM/IZ
 Sample : G3798-19
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9G73

Quant Time: Sep 29 02:53:11 2015
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-SIM-BM092415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 29 02:52:19 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

MMDadoda
 9/29/2015 3:42:53 PM



(23) Benzo(b)fluoranthene
 23.931min (+0.010) 21.15ng/ul
 response 3744015

Ion	Exp%	Act%
252.00	100	100
253.00	24.00	23.02
125.00	18.30	15.39
0.00	0.00	0.00

Quantitation Report (Qedit)

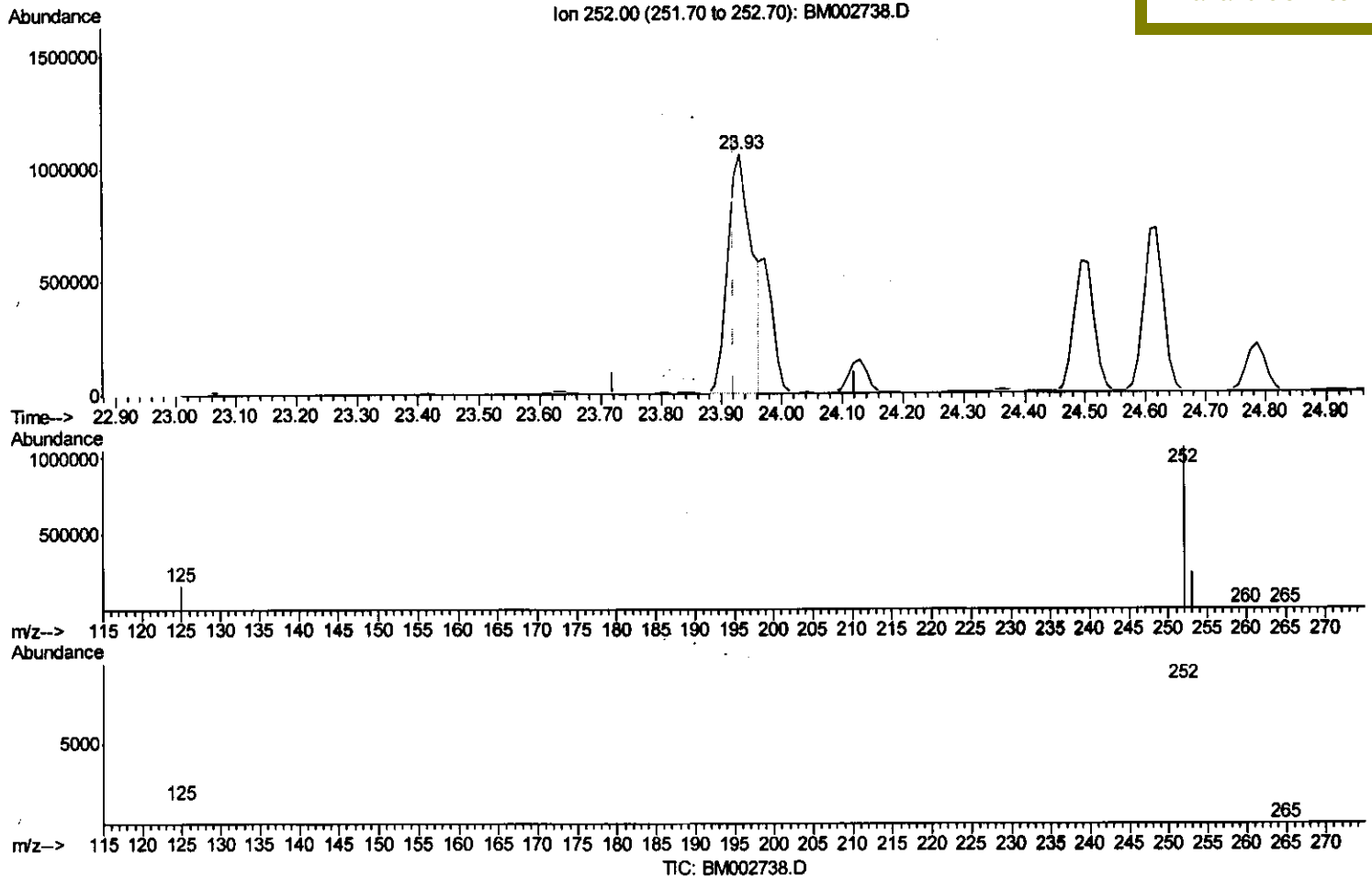
Data Path : Z:\HPCHEM1\BNA M\Data\BM092815\
 Data File : BM002738.D
 Acq On : 28 Sep 2015 17:51
 Operator : UM/IZ
 Sample : G3798-19
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9G73

Manual Integrations
 APPROVED

MMDadoda
 9/29/2015 3:42:53 PM

Quant Time: Sep 29 05:02:50 2015
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-SIM-BM092415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 29 02:52:19 2015
 Response via : Initial Calibration



(23) Benzo(b)fluoranthene

23.931min (+0.010) 17.04ng/ul m

response 3016336

Ion	Exp%	Act%
252.00	100	100
253.00	24.00	23.02
125.00	18.30	15.39
0.00	0.00	0.00

> 0.1m
 0.9130115

Quantitation Report (Qedit)

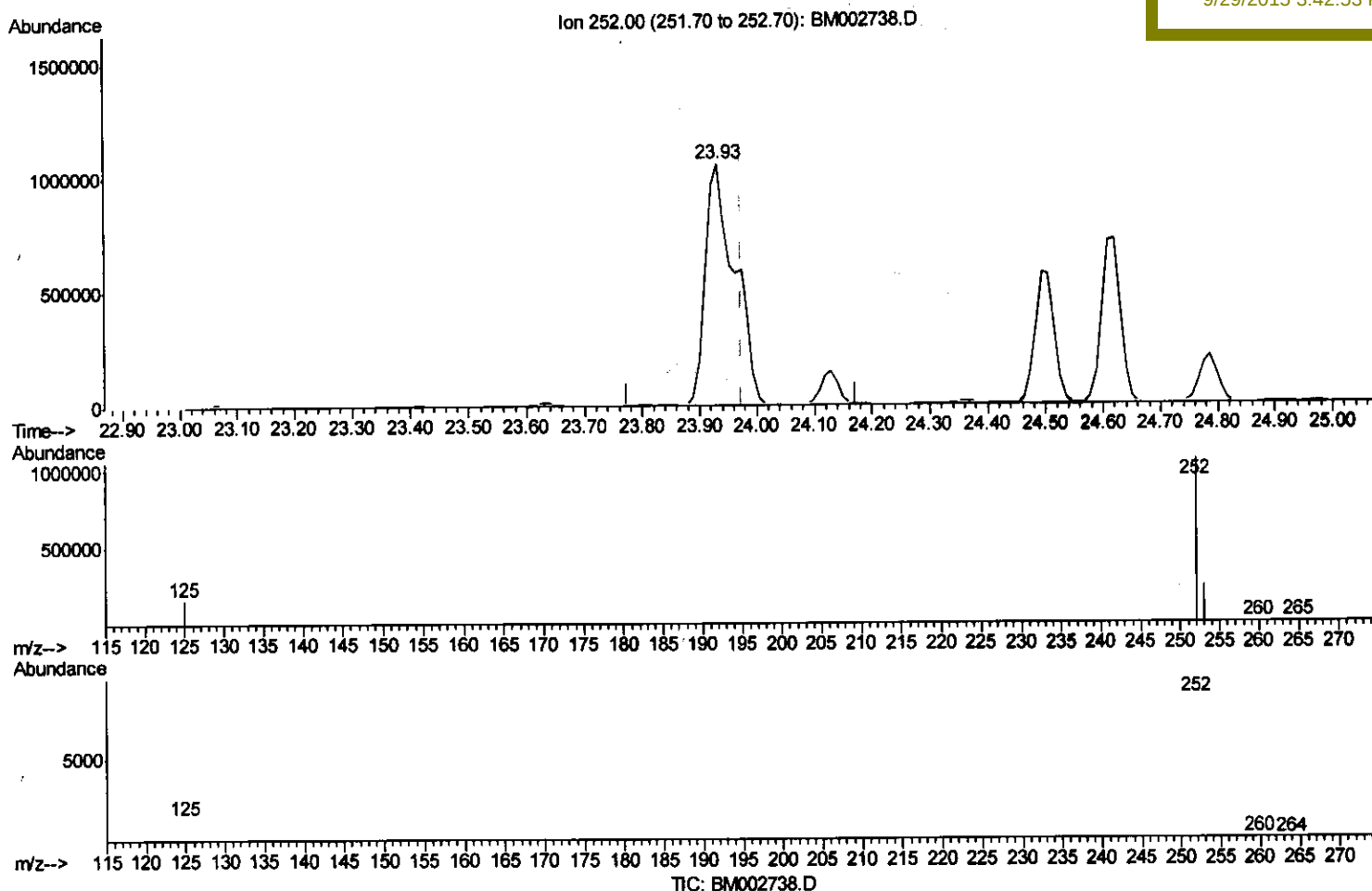
Data Path : Z:\HPCHEM1\BNA M\DATA\BM092815\
Data File : BM002738.D
Acq On : 28 Sep 2015 17:51
Operator : UM/IZ
Sample : G3798-19
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Sep 29 02:53:11 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-SIM-BM092415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 29 02:52:19 2015
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
D9G73

Manual Integrations
APPROVED

MMDadoda
9/29/2015 3:42:53 PM



(24) Benzo(k)fluoranthene

23.931min (-0.042) 22.83ng/ul

response 3744015

Ion	Exp%	Act%
252.00	100	100
253.00	26.00	23.02
125.00	15.30	15.39
0.00	0.00	0.00

Quantitation Report (Qedit)

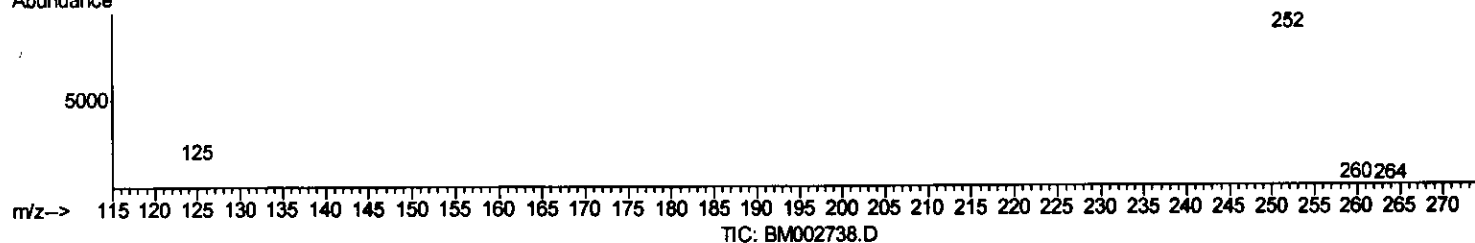
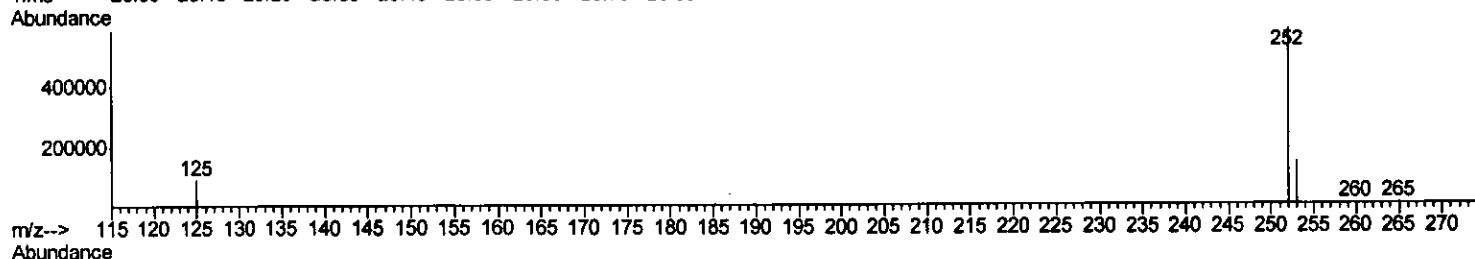
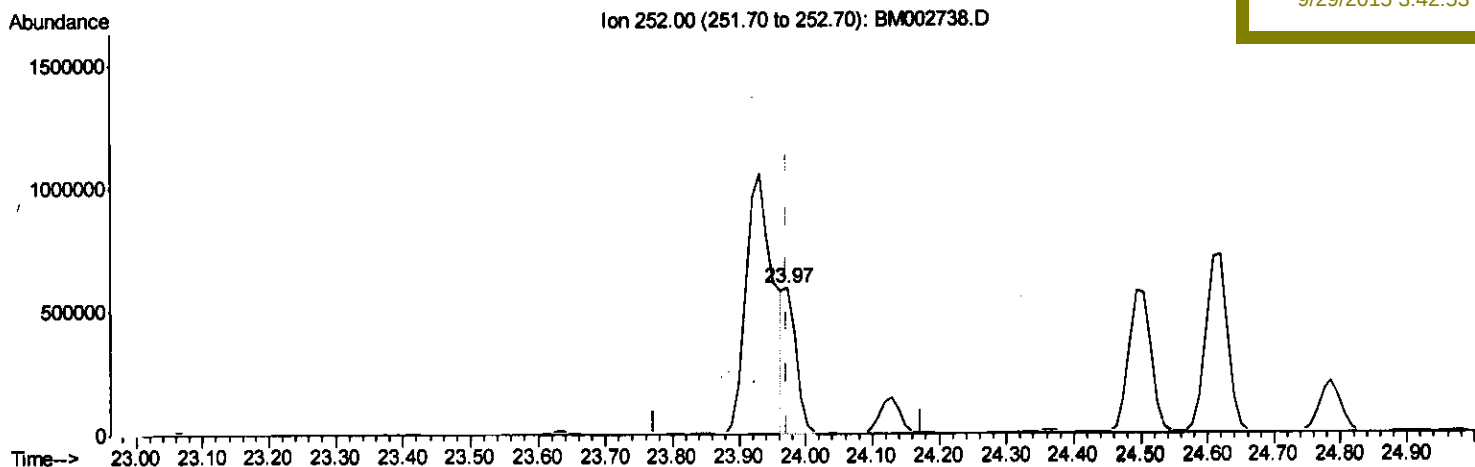
Data Path : Z:\HPCHEM1\BNA M\Data\BM092815\
Data File : BM002738.D
Acq On : 28 Sep 2015 17:51
Operator : UM/IZ
Sample : G3798-19
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
D9G73

Quant Time: Sep 29 05:02:50 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-SIM-BM092415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 29 02:52:19 2015
Response via : Initial Calibration

Manual Integrations
APPROVED

MMDadoda
9/29/2015 3:42:53 PM



(24) Benzo(k)fluoranthene

23.972min (-0.000) 4.51ng/ul m

response 738972

Ion	Exp%	Act%
252.00	100	100
253.00	26.00	23.80
125.00	15.30	15.04
0.00	0.00	0.00

>U.M
09/30/15

Data Path : Z:\HPCHEM1\BNA M\Data\BM092815\
 Data File : BM002738.D
 Acq On : 28 Sep 2015 17:51
 Operator : UM/IZ
 Sample : G3798-19
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9G73

Quant Time: Sep 29 05:05:49 2015
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-SIM-BM092415.M
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Manual Integrations
 APPROVED

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 9/29/2015 3:42:53 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.74	152	10206	0.40	ng/ul	0.00
4) Naphthalene-d8	11.60	136	40227	0.40	ng/ul	0.00
8) Acenaphthene-d10	15.33	164	21750	0.40	ng/ul	0.00
12) Phenanthrene-d10	18.03	188	45367	0.40	ng/ul	0.00
18) Chrysene-d12	22.13	240	45177	0.40	ng/ul	0.00
22) Perylene-d12	24.73	264	49108	0.40	ng/ul	0.00

System Monitoring Compounds

2) 1,4-Dioxane-d8	3.80	96	22287	2.12	ng/uL	0.00
6) 2-Methylnaphthalene-d10	13.13	152	7655m	0.13	ng/ul	0.00
16) Fluoranthene-d10	20.01	212	12980	0.11	ng/ul	0.00

> 0.0m
 09/30/15

Target Compounds

						Ovalue
5) Naphthalene	11.65	128	12134	0.11	ng/ul	99
7) 2-Methylnaphthalene	13.20	142	6945	0.10	ng/ul	99
9) Acenaphthylene	15.06	152	126033	1.12	ng/ul	96
10) Acenaphthene	15.38	153	26003	0.32	ng/ul	95
11) Fluorene	16.36	166	40757m	0.44	ng/ul	95
14) Phenanthrene	18.08	178	1365598	9.25	ng/ul	97
15) Anthracene	18.17	178	259474	1.90	ng/ul	96
17) Fluoranthene	20.04	202	4333793	26.99	ng/ul	97
19) Pyrene	20.40	202	3628979	20.61	ng/ul	92
20) Benzo(a)anthracene	22.11	228	1679765	11.13	ng/ul	93
21) Chrysene	22.16	228	1876819	12.99	ng/ul	97
23) Benzo(b)fluoranthene	23.93	252	3016336m	17.04	ng/ul	97
24) Benzo(k)fluoranthene	23.97	252	738972m	4.51	ng/ul	97
25) Benzo(a)pyrene	24.62	252	1643744	10.08	ng/ul	94
26) Indeno(1,2,3-cd)pyrene	27.47	276	1395105	7.67	ng/ul	94
27) Dibenzo(a,h)anthracene	27.46	278	315604	2.12	ng/ul	100
28) Benzo(a,h,i)perylene	28.33	276	1241037	8.05	ng/ul	97

> 0.0m
 09/30/15

> 0.0m
 09/30/15

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