

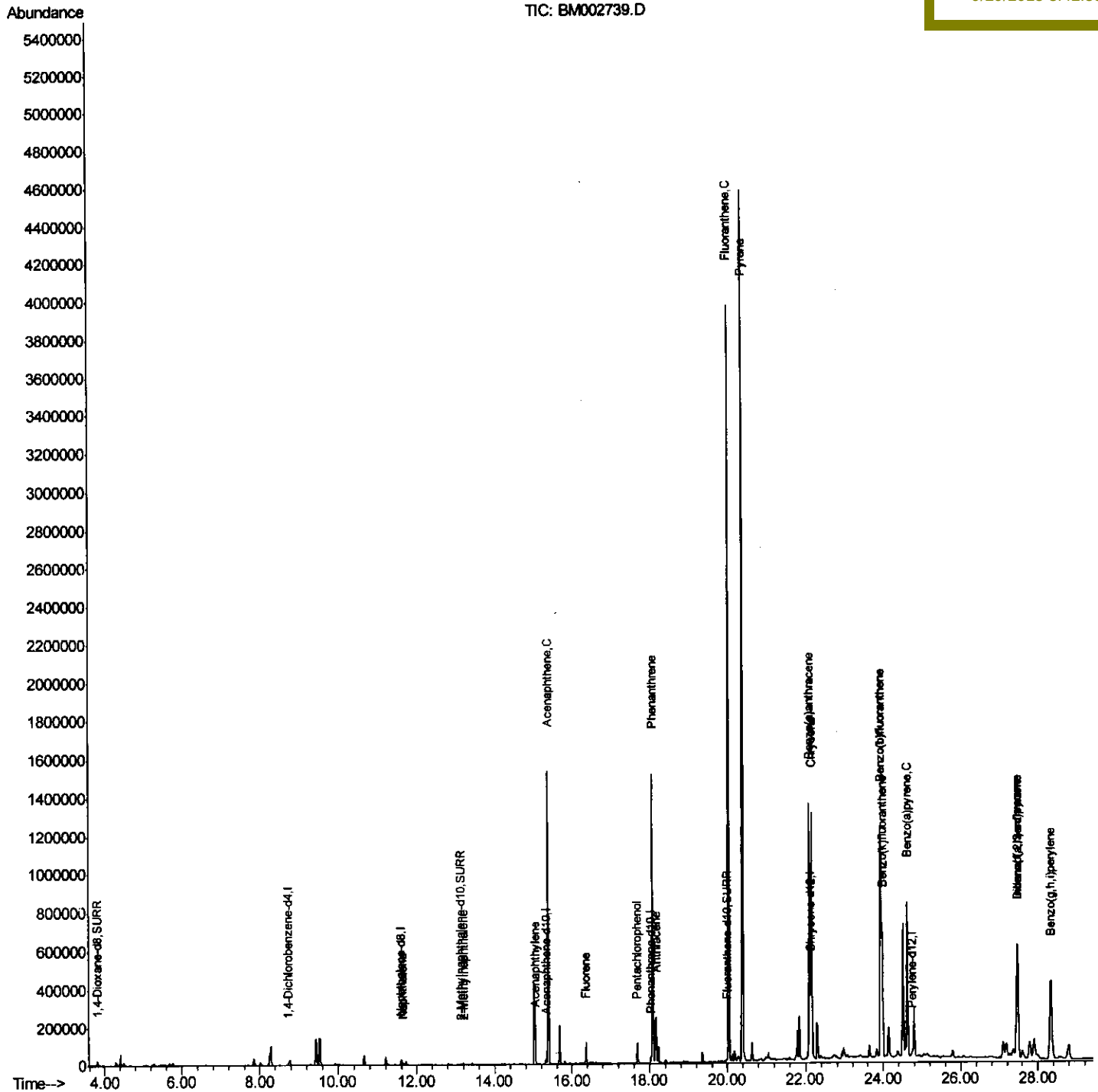
Data Path : Z:\HPCHEM1\BNA M\Data\BM092815\
Data File : BM002739.D
Acq On : 28 Sep 2015 18:28
Operator : UM/IZ
Sample : G3798-20MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
D9G73MS

Quant Time: Sep 29 06:07:16 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 3:42:58 PM



Quantitation Report (Qedit)

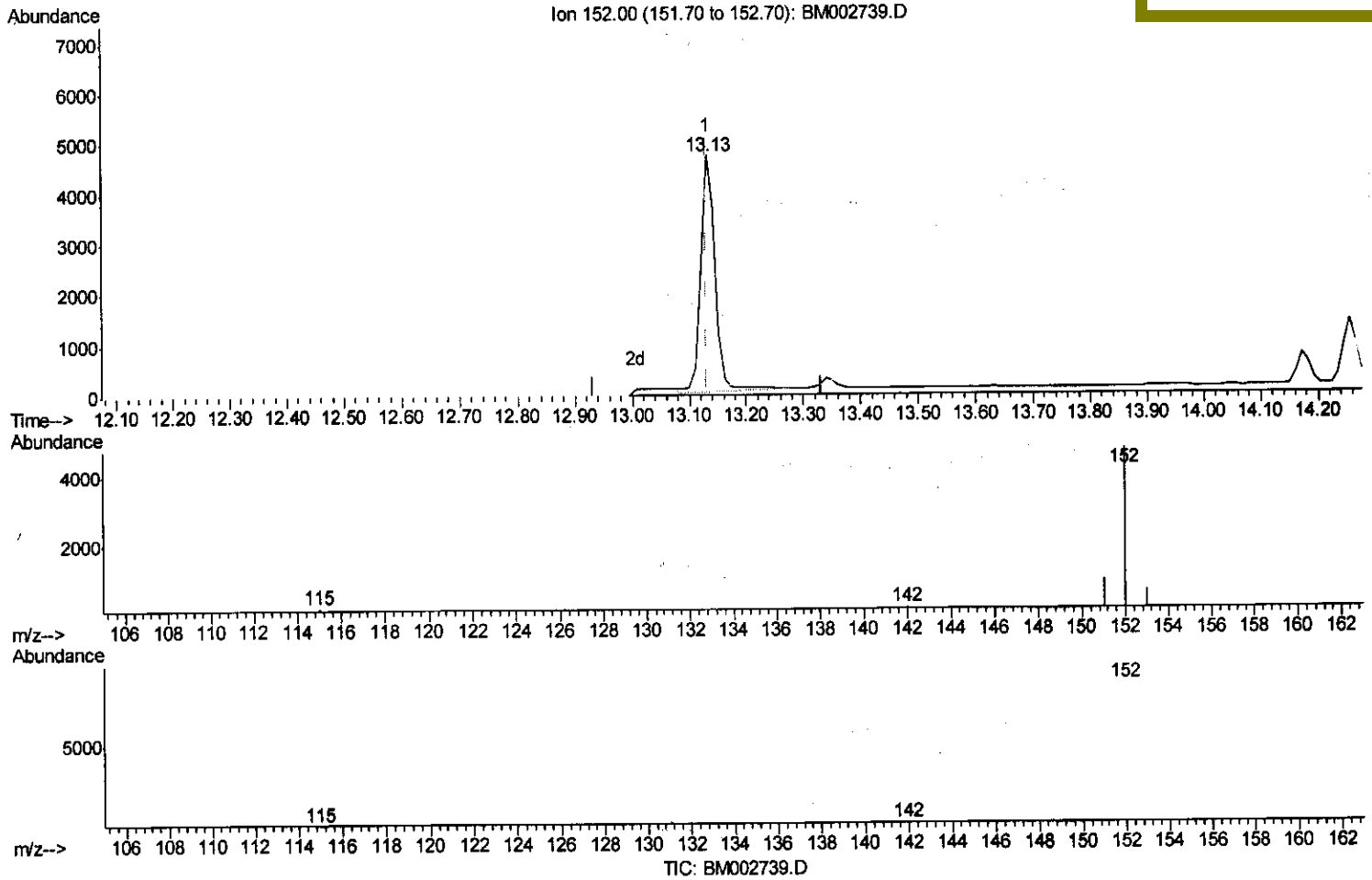
Data Path : Z:\HPCHEM1\BNA M\Data\BM092815\
 Data File : BM002739.D
 Acq On : 28 Sep 2015 18:28
 Operator : UM/IZ
 Sample : G3798-20MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA M
 ClientSampleId :
 D9G73MS

Quant Time: Sep 29 06:04:38 2015
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-SIM-BM092415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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(6) 2-Methylnaphthalene-d10 (SURR)

13.131min (-0.000) 0.14ng/ul

response 8242

Ion	Exp%	Act%
152.00	100	100
151.00	18.90	30.66#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

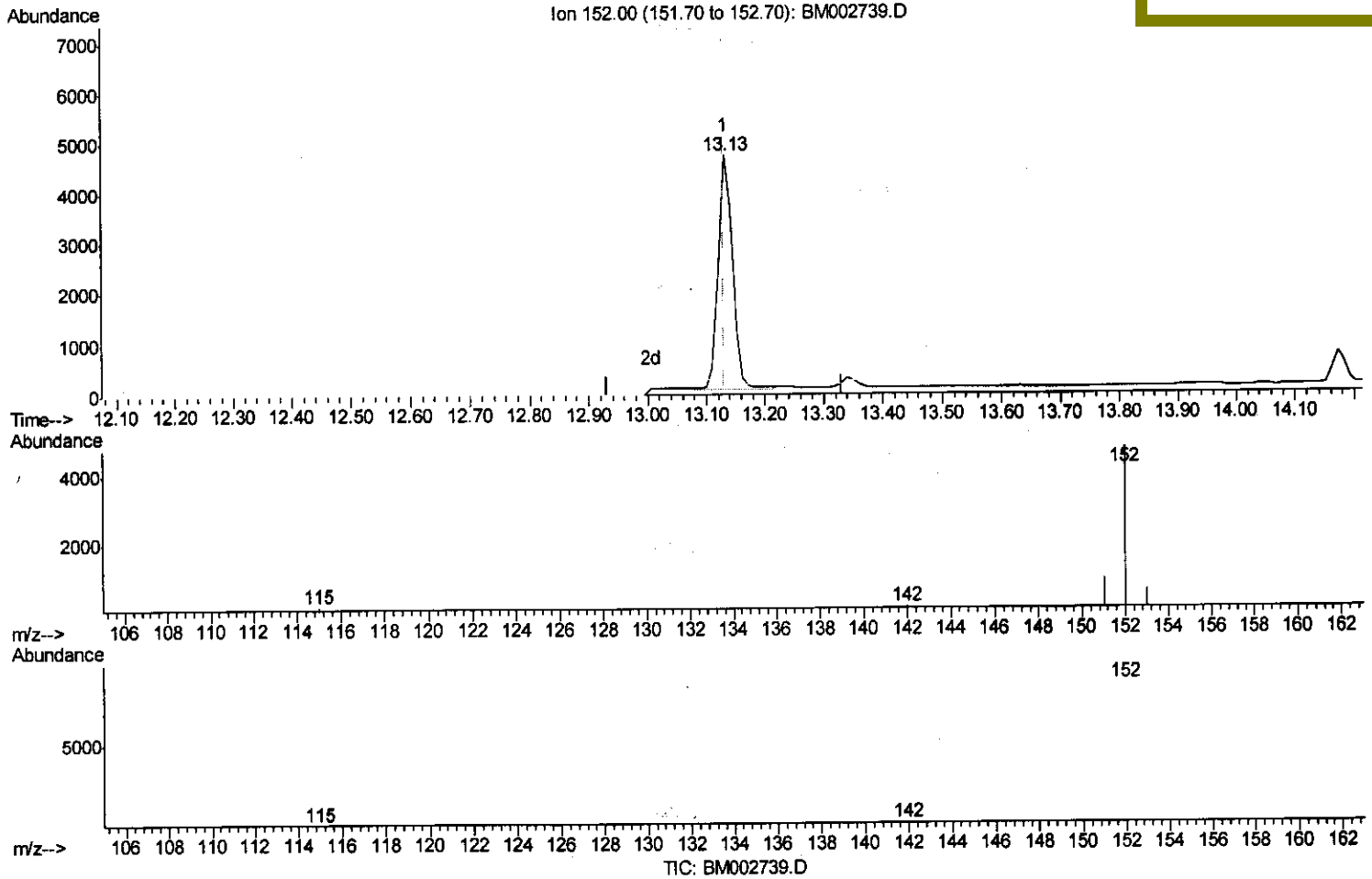
Data Path : Z:\HPCHEM1\BNA M\Data\BM092815\
 Data File : BM002739.D
 Acq On : 28 Sep 2015 18:28
 Operator : UM/IZ
 Sample : G3798-20MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 Client Sampled :
 D9G73MS

Quant Time: Sep 29 06:04:38 2015
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-SIM-BM092415.M
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Manual Integrations
 APPROVED

MMDadoda
 9/29/2015 3:42:58 PM



(6) 2-Methylnaphthalene-d10 (SURR)

13.131min (-0.000) 0.13ng/ul m

um
 09/30/15

response 7790

Ion	Exp%	Act%
152.00	100	100
151.00	18.90	32.44#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

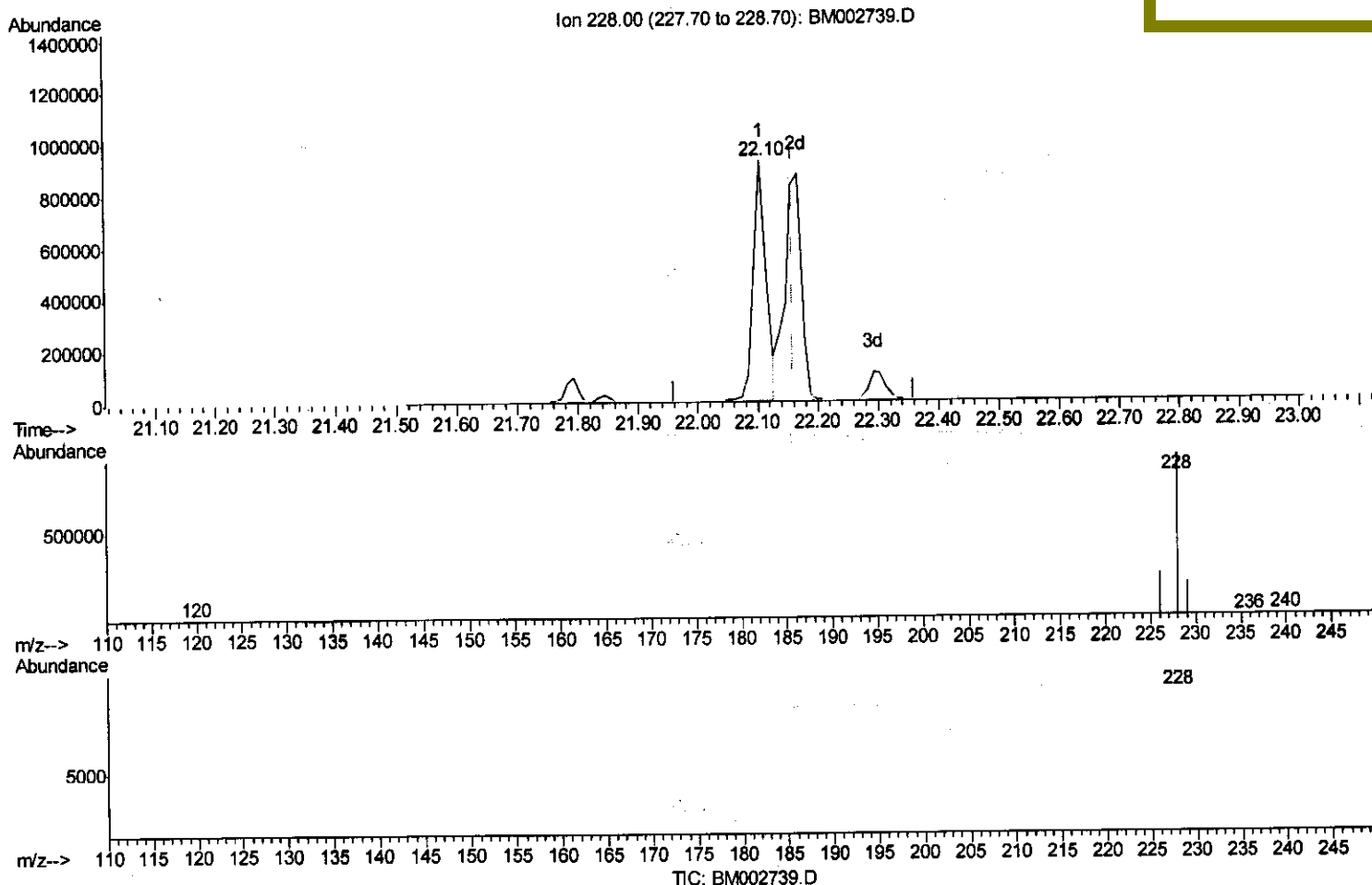
Data Path : Z:\HPCHEM1\BNA M\Data\BM092815\
 Data File : BM002739.D
 Acq On : 28 Sep 2015 18:28
 Operator : UM/IZ
 Sample : G3798-20MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9G73MS

Quant Time: Sep 29 06:04:38 2015
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-SIM-BM092415.M
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Manual Integrations
 APPROVED

MMDadoda
 9/29/2015 3:42:58 PM



(21) Chrysene

22.105min (-0.054) 10.07ng/ul

response 1408351

Ion	Exp%	Act%
228.00	100	100
226.00	32.10	26.20
229.00	19.00	20.76
0.00	0.00	0.00

Quantitation Report (Qedit)

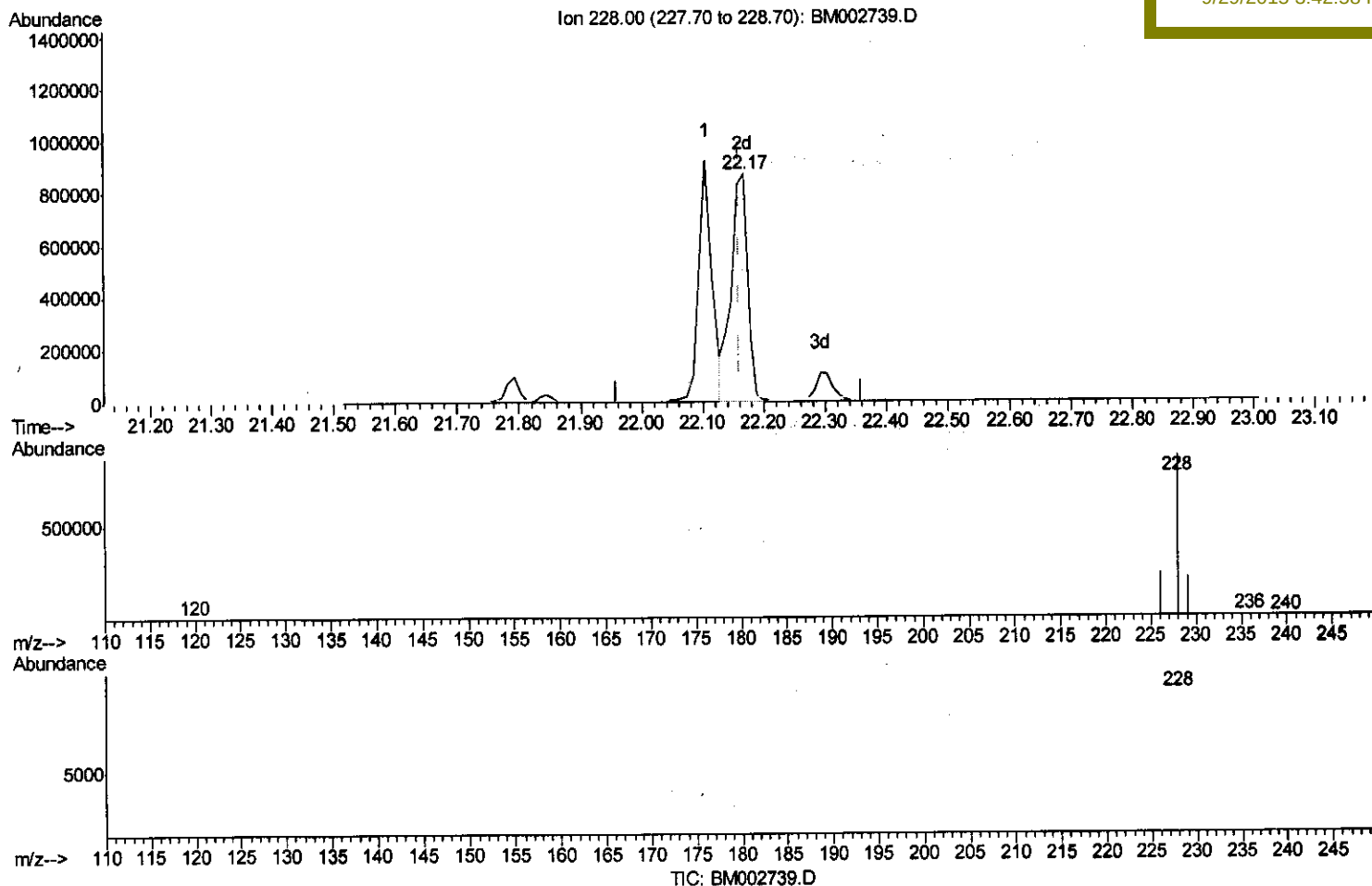
Data Path : Z:\HPCHEM1\BNA M\Data\BM092815\
 Data File : BM002739.D
 Acq On : 28 Sep 2015 18:28
 Operator : UM/IZ
 Sample : G3798-20MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9G73MS

Manual Integrations
 APPROVED

MMDadoda
 9/29/2015 3:42:58 PM

Quant Time: Sep 29 06:04:38 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



(21) Chrysene

22.167min (+0.009) 11.64ng/ul m

response 1628196

Ion	Exp%	Act%
228.00	100	100
226.00	32.10	26.70
229.00	19.00	23.89#
0.00	0.00	0.00

20.17
 09/30/15

Quantitation Report (Qedit)

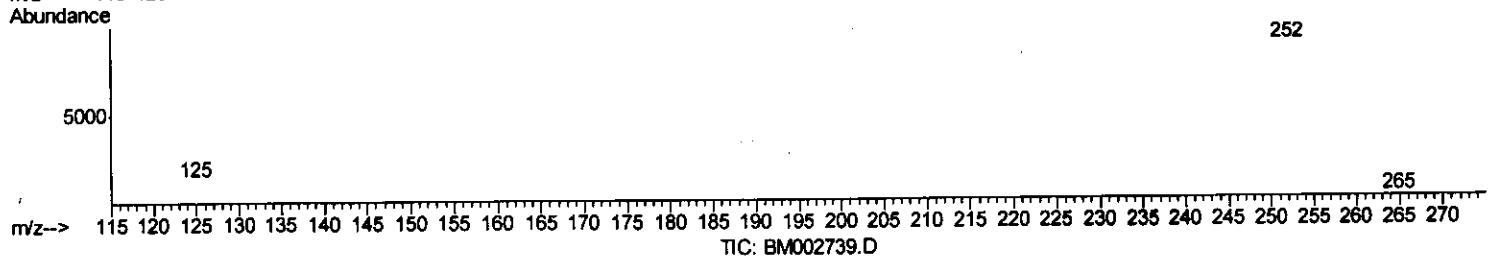
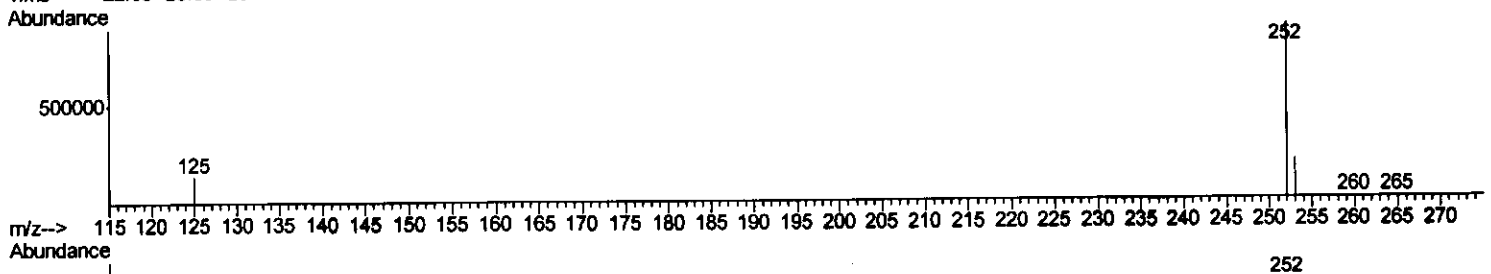
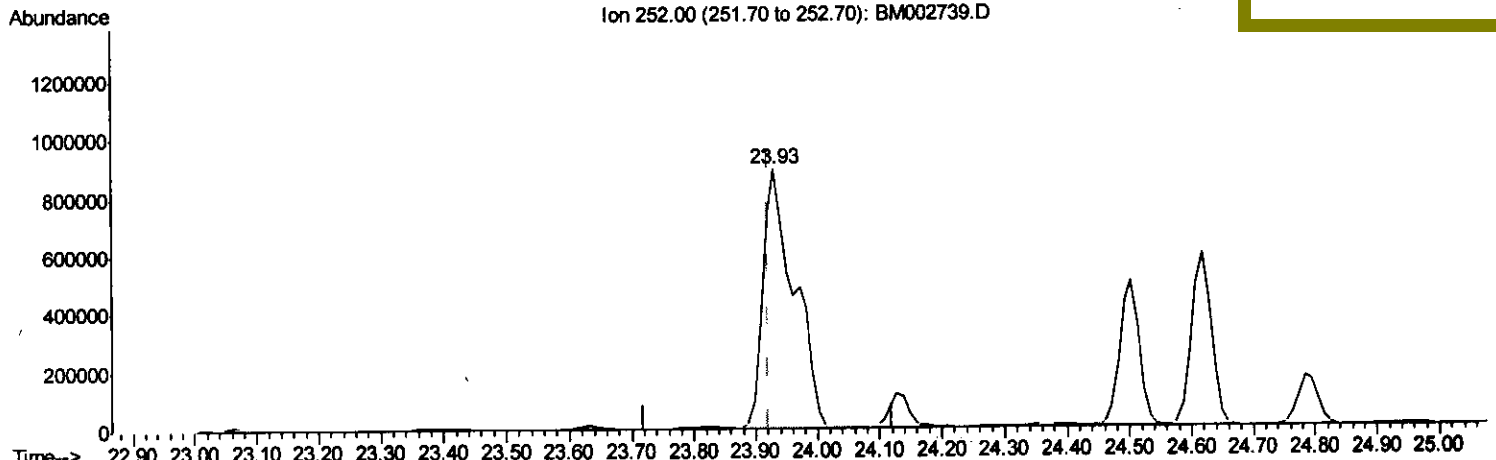
Data Path : Z:\HPCHEM1\BNA M\Data\BM092815\
 Data File : BM002739.D
 Acq On : 28 Sep 2015 18:28
 Operator : UM/IZ
 Sample : G3798-20MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9G73MS

Quant Time: Sep 29 06:04:38 2015
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-SIM-BM092415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Manual Integrations
 APPROVED

MMDadoda
 9/29/2015 3:42:58 PM



(23) Benzo(b)fluoranthene
 23.929min (+0.009) 17.51ng/ui
 response 3113187

Ion	Exp%	Act%
252.00	100	100
253.00	24.00	22.93
125.00	18.30	15.77
0.00	0.00	0.00

Quantitation Report (Qedit)

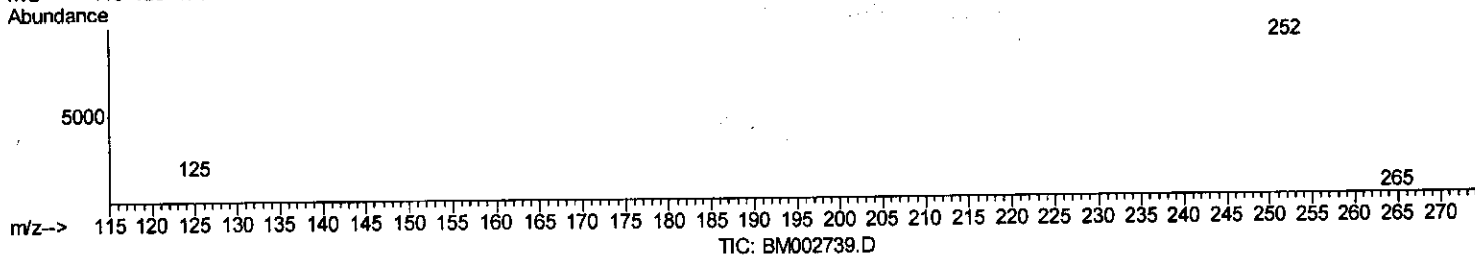
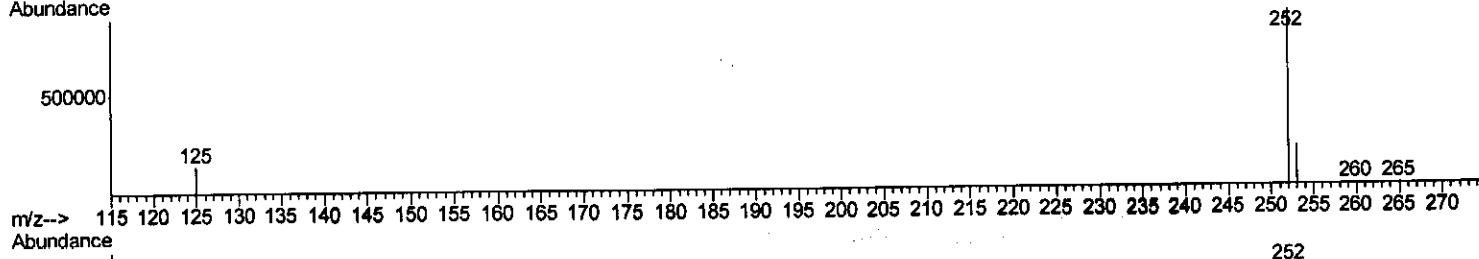
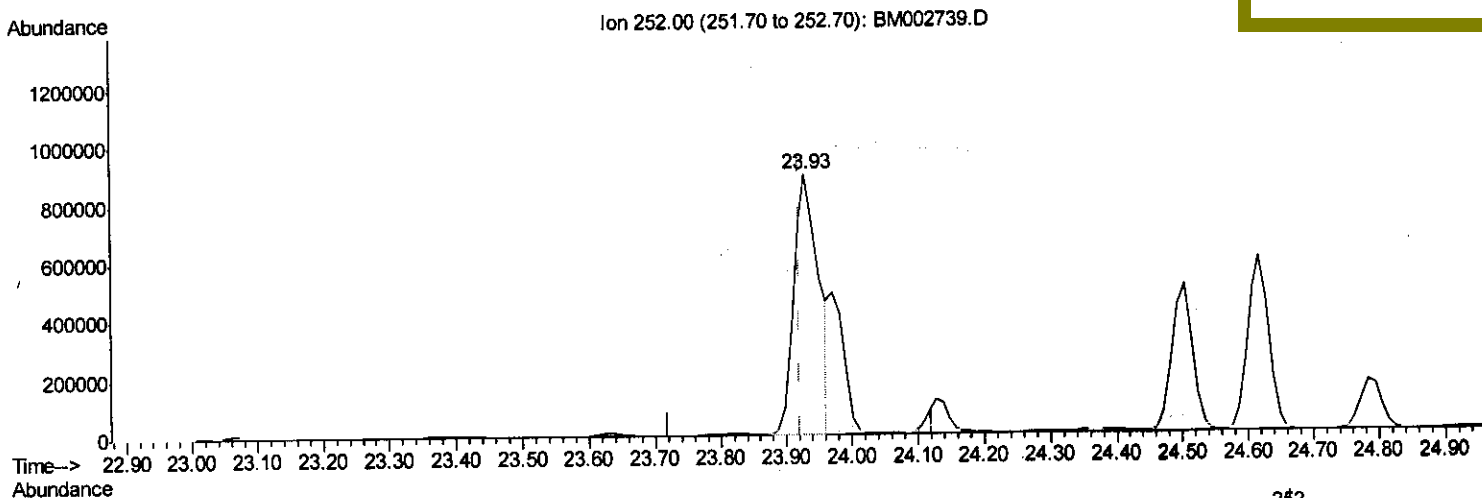
Data Path : Z:\HPCHEM1\BNA M\Data\BM092815\
 Data File : BM002739.D
 Acq On : 28 Sep 2015 18:28
 Operator : UM/I2
 Sample : G3798-20MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9G73MS

Quant Time: Sep 29 06:04:38 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 3:42:58 PM



(23) Benzo(b)fluoranthene

23.929min (+0.009) 13.46ng/ul m

response 2393921

Ion	Exp%	Act%
252.00	100	100
253.00	24.00	22.93
125.00	18.30	15.77
0.00	0.00	0.00

> 0.1 M
 09/30/15

Quantitation Report (Qedit)

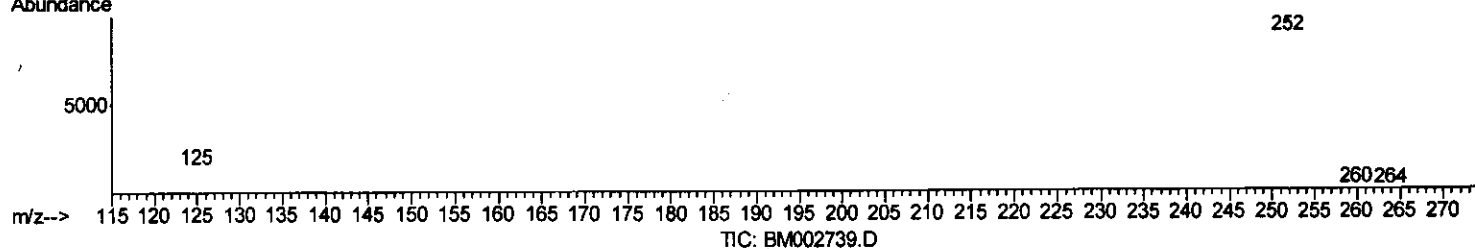
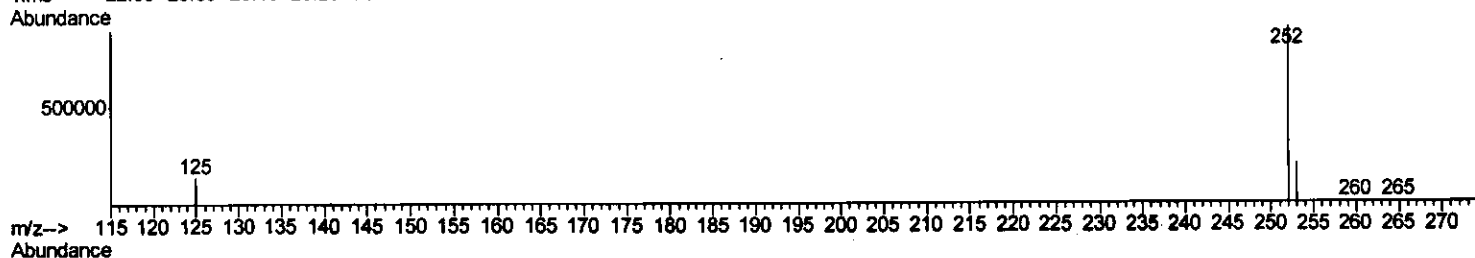
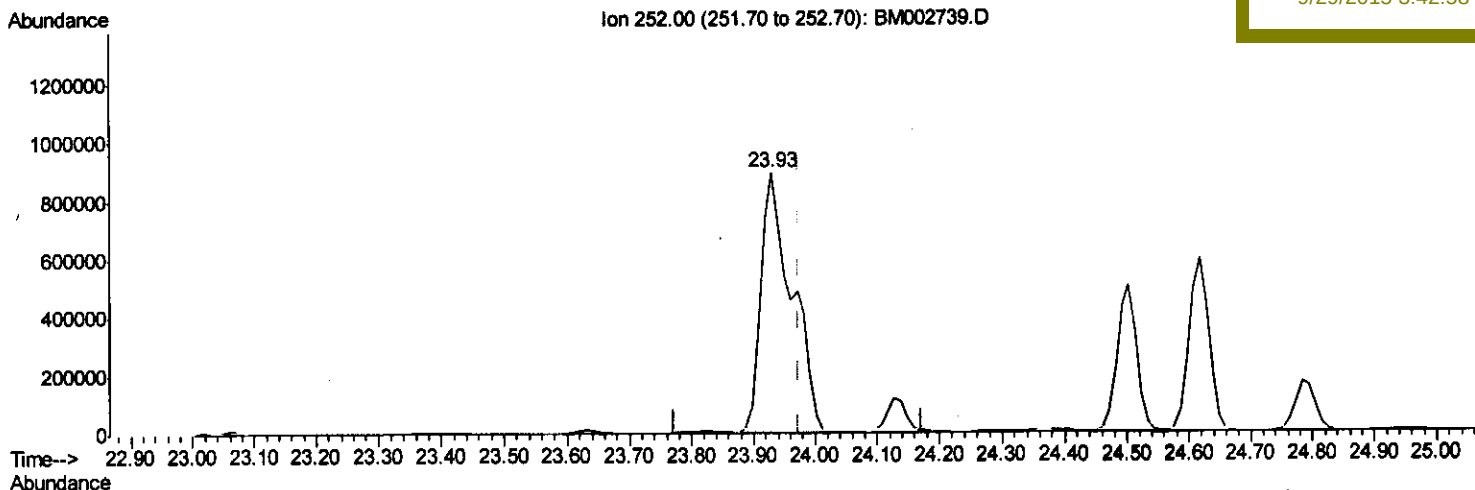
Data Path : Z:\HPCHEM1\BNA M\Data\BM092815\
Data File : BM002739.D
Acq On : 28 Sep 2015 18:28
Operator : UM/IZ
Sample : G3798-20MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
D9G73MS

Quant Time: Sep 29 06:04:38 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 3:42:58 PM



(24) Benzo(k)fluoranthene

23.929min (-0.044) 18.90ng/ul

response 3113187

Ion	Exp%	Act%
252.00	100	100
253.00	26.00	22.93
125.00	15.30	15.77
0.00	0.00	0.00

Quantitation Report (Qedit)

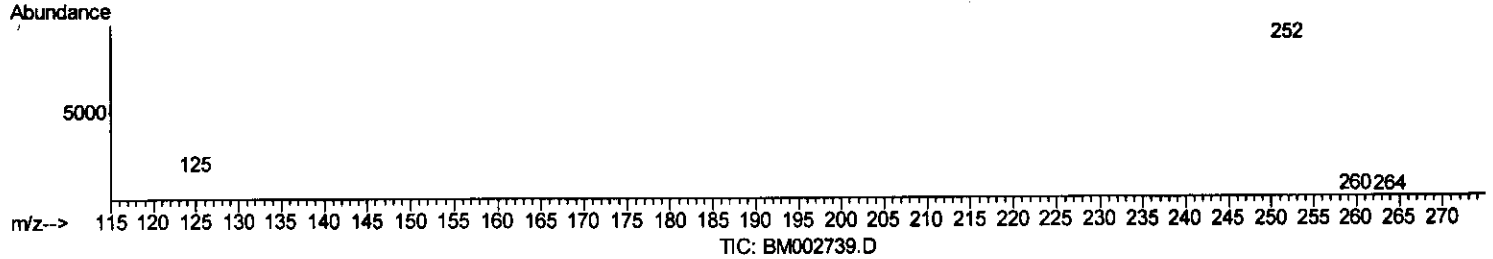
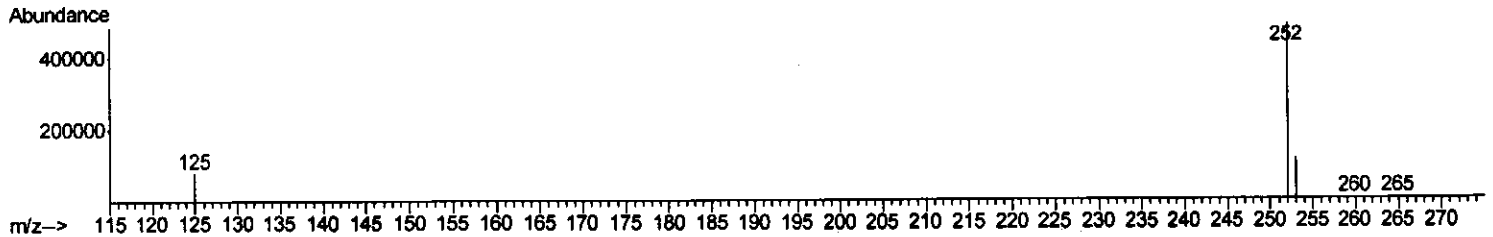
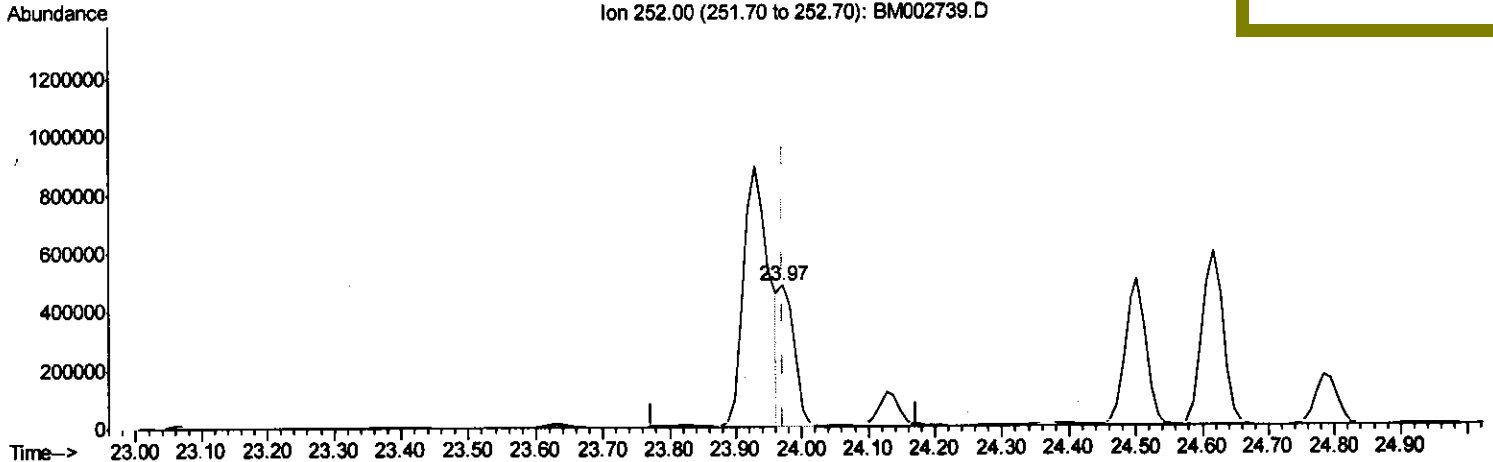
Data Path : Z:\HPCHEM1\BNA M\Data\BM092815\
 Data File : BM002739.D
 Acq On : 28 Sep 2015 18:28
 Operator : UM/IZ
 Sample : G3798-20MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9G73MS

Manual Integrations
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MMDadoda
 9/29/2015 3:42:58 PM

Quant Time: Sep 29 06:04:38 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



(24) Benzo(k)fluoranthene

23.971min (-0.002) 4.50ng/ul m

response 741311

Ion	Exp%	Act%
252.00	100	100
253.00	26.00	23.58
125.00	15.30	16.65
0.00	0.00	0.00

Handwritten: > 0.1M
09/30/15

Data Path : Z:\HPCHEM1\BNA M\Data\BM092815\
 Data File : BM002739.D
 Acq On : 28 Sep 2015 18:28
 Operator : UM/IZ
 Sample : G3798-20MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9G73MS

Quant Time: Sep 29 06:07:16 2015
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-SIM-BM092415.M
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 QLast Update : Tue Sep 29 02:52:19 2015
 Response via : Initial Calibration

Manual Integrations
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 9/29/2015 3:42:58 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.74	152	10304	0.40	ng/ul	0.00
4) Naphthalene-d8	11.60	136	40307	0.40	ng/ul	0.00
8) Acenaphthene-d10	15.33	164	21653	0.40	ng/ul	0.00
12) Phenanthrene-d10	18.03	188	44600	0.40	ng/ul	0.00
18) Chrysene-d12	22.13	240	43711	0.40	ng/ul	0.00
22) Perylene-d12	24.73	264	49326	0.40	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.80	96	23141	2.18	ng/uL	0.00
6) 2-Methylnaphthalene-d10	13.13	152	7790m	0.13	ng/ul	0.00
16) Fluoranthene-d10	20.01	212	12563	0.11	ng/ul	0.00
Target Compounds						
					Ovalue	
5) Naphthalene	11.65	128	16583	0.15	ng/ul	100
7) 2-Methylnaphthalene	13.20	142	7529	0.11	ng/ul	99
9) Acenaphthylene	15.06	152	88562	0.79	ng/ul	96
10) Acenaphthene	15.38	153	942624	11.57	ng/ul	94
11) Fluorene	16.36	166	78386	0.84	ng/ul	90
13) Pentachlorophenol	17.69	266	88068	10.11	ng/ul	95
14) Phenanthrene	18.08	178	1678551	11.57	ng/ul	97
15) Anthracene	18.17	178	337911	2.52	ng/ul	96
17) Fluoranthene	20.03	202	3824669	24.23	ng/ul	98
19) Pyrene	20.40	202	4350858	25.54	ng/ul	96
20) Benzo(a)anthracene	22.10	228	1408351	9.64	ng/ul	96
21) Chrysene	22.17	228	1628196m	11.64	ng/ul	
23) Benzo(b)fluoranthene	23.93	252	2393921m	13.46	ng/ul	
24) Benzo(k)fluoranthene	23.97	252	741311m	4.50	ng/ul	
25) Benzo(a)pyrene	24.62	252	1315663	8.04	ng/ul	94
26) Indeno(1,2,3-cd)pyrene	27.47	276	1147435	6.28	ng/ul	94
27) Dibenzo(a,h)anthracene	27.47	278	265529	1.77	ng/ul	98
28) Benzo(a,h,i)perylene	28.34	276	1000485	6.46	ng/ul	97

> 0.11
 09/30/15

> 0.11
 09/30/15

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