

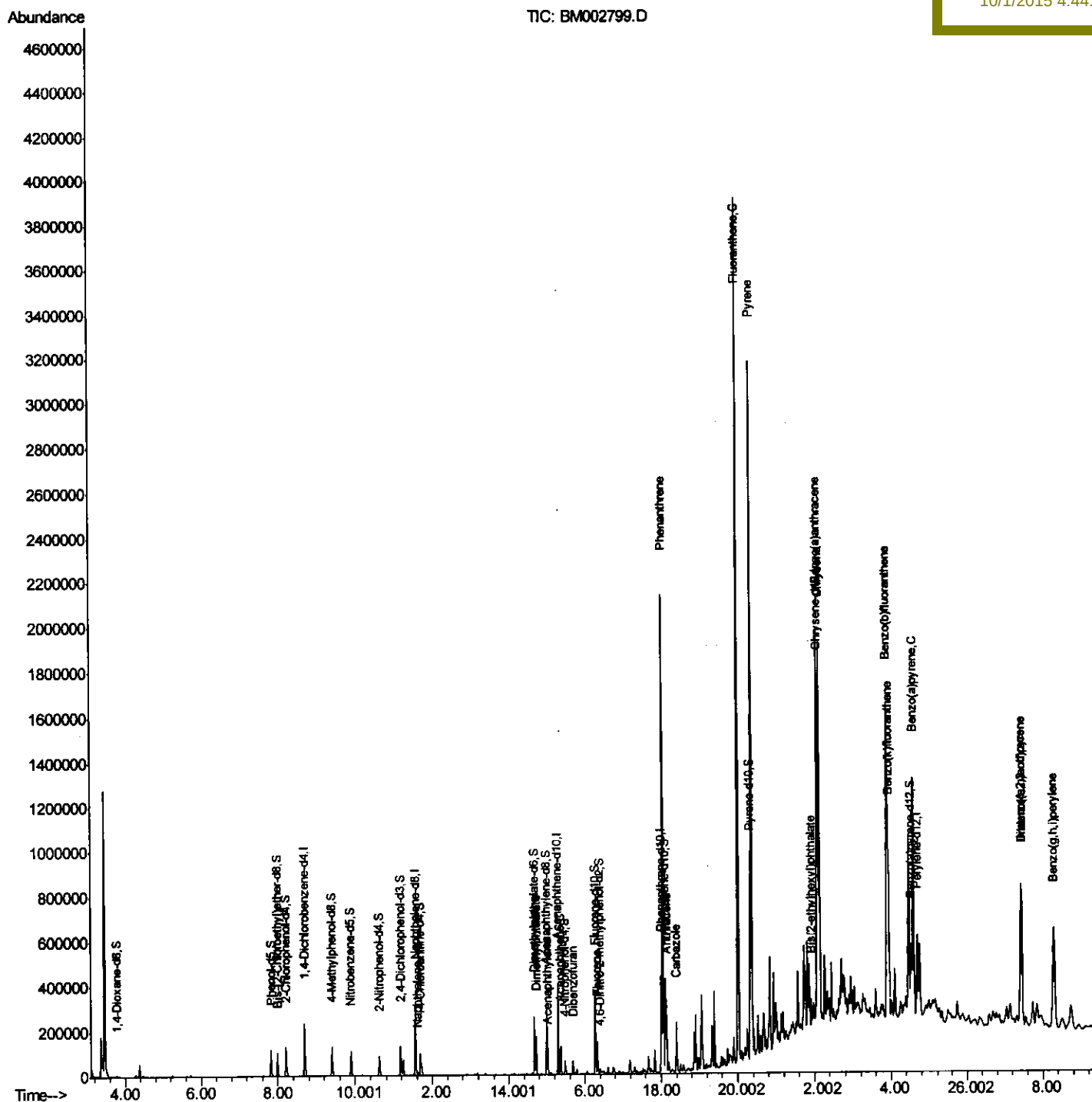
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Data Path   : Z:\HPCHEM1\BNA_M\DATA\BM092915\  
Data File  : BM002799.D  
Acq On     : 01 Oct 2015   01:37  
Operator   : UM/IZ  
Sample     : G3798-23  
Misc       :  
ALS Vial   : 15      Sample Multiplier: 1
```

Instrument :
BNA_M
ClientSampleId :
D9G75

Quant Time: Oct 01 08:15:46 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM092915.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 01 07:01:42 2015
Response via : Initial Calibration

Manual Integrations APPROVED

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10/1/2015 4:44:21 PM



Quantitation Report (Qedit)

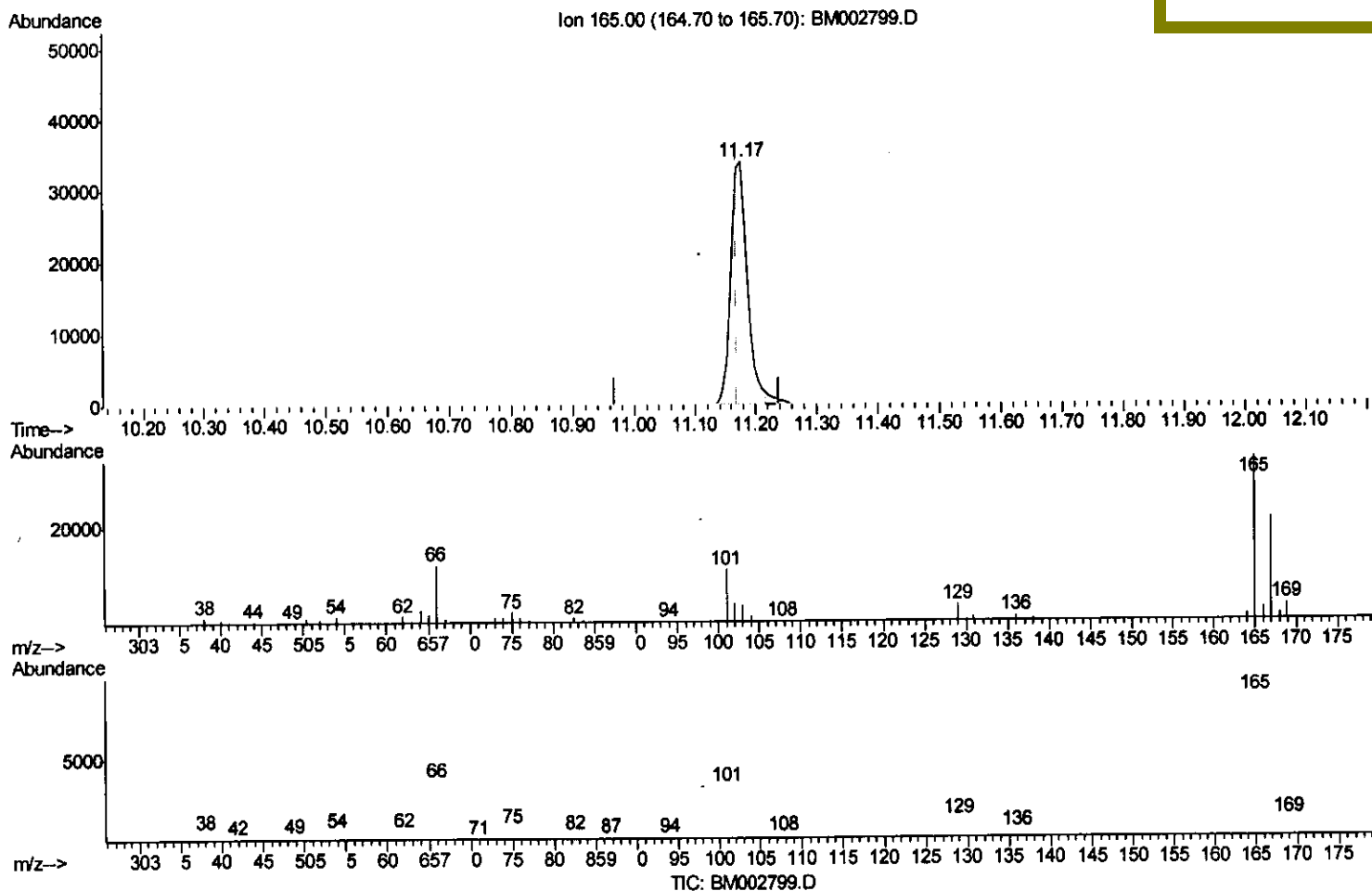
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM092915\
 Data File : BM002799.D
 Acq On : 01 Oct 2015 01:37
 Operator : UM/IZ
 Sample : G3798-23
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9G75

Quant Time: Oct 01 07:10:58 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM092915.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 01 07:01:42 2015
 Response via : Initial Calibration

Manual Integrations
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(26) 2,4-Dichlorophenol-d3 (S)

11.175min (+0.006) 14.93ng/ul

response 63290

Ion	Exp%	Act%
165.00	100	100
167.00	61.90	63.34
101.00	32.10	32.83
0.00	0.00	0.00

Quantitation Report (Qedit)

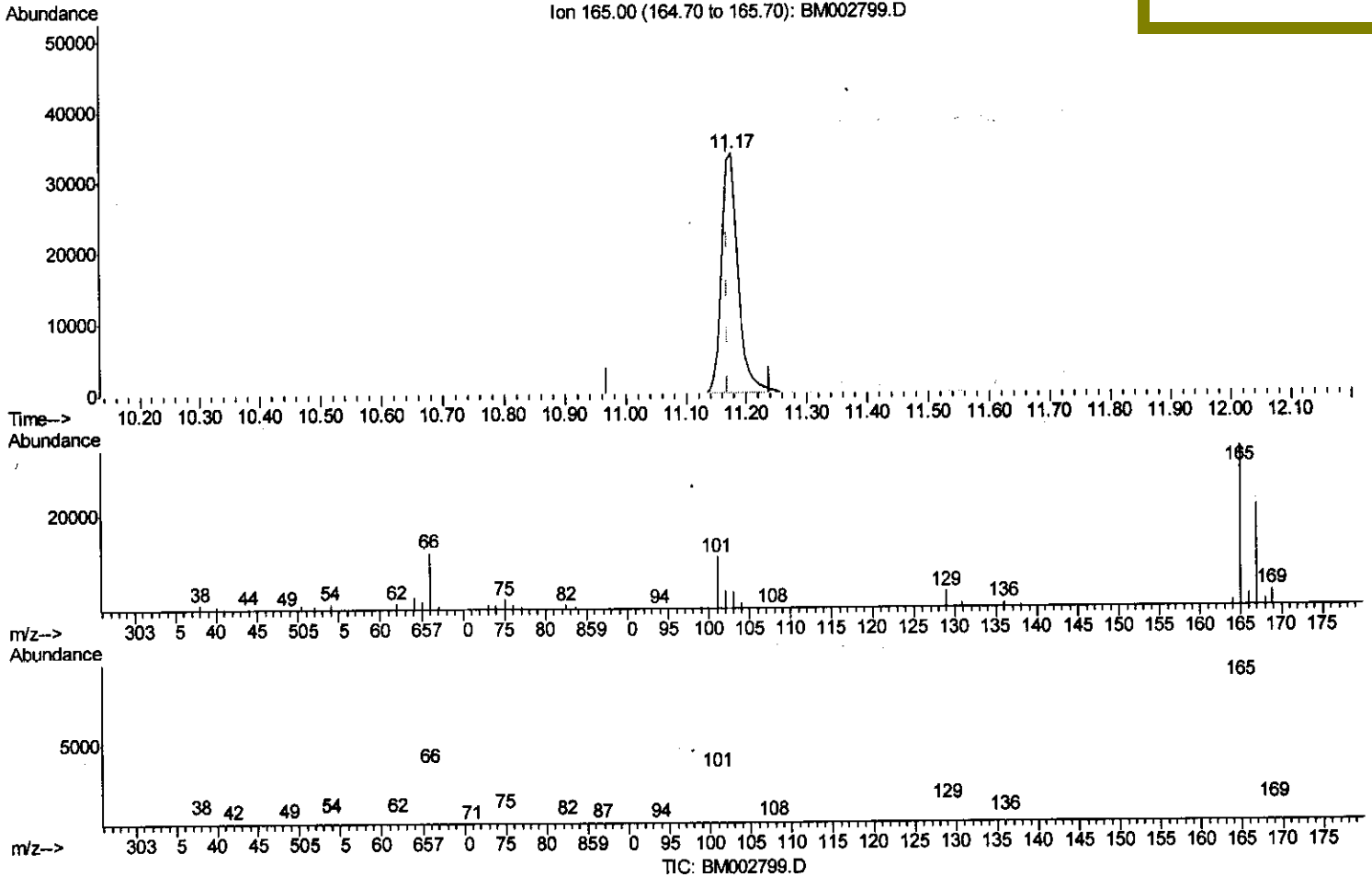
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM092915\
 Data File : BM002799.D
 Acq On : 01 Oct 2015 01:37
 Operator : UM/IZ
 Sample : G3798-23
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA M
 ClientSampleId :
 D9G75

Quant Time: Oct 01 07:10:58 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM092915.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 01 07:01:42 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

MMDadoda
 10/1/2015 4:44:21 PM



(26) 2,4-Dichlorophenol-d3 (S)

11.175min (+0.006) 15.27ng/ul m U.M
10/8/15

response 64725

Ion	Exp%	Act%
165.00	100	100
167.00	61.90	63.34
101.00	32.10	32.83
0.00	0.00	0.00

Quantitation Report (Qedit)

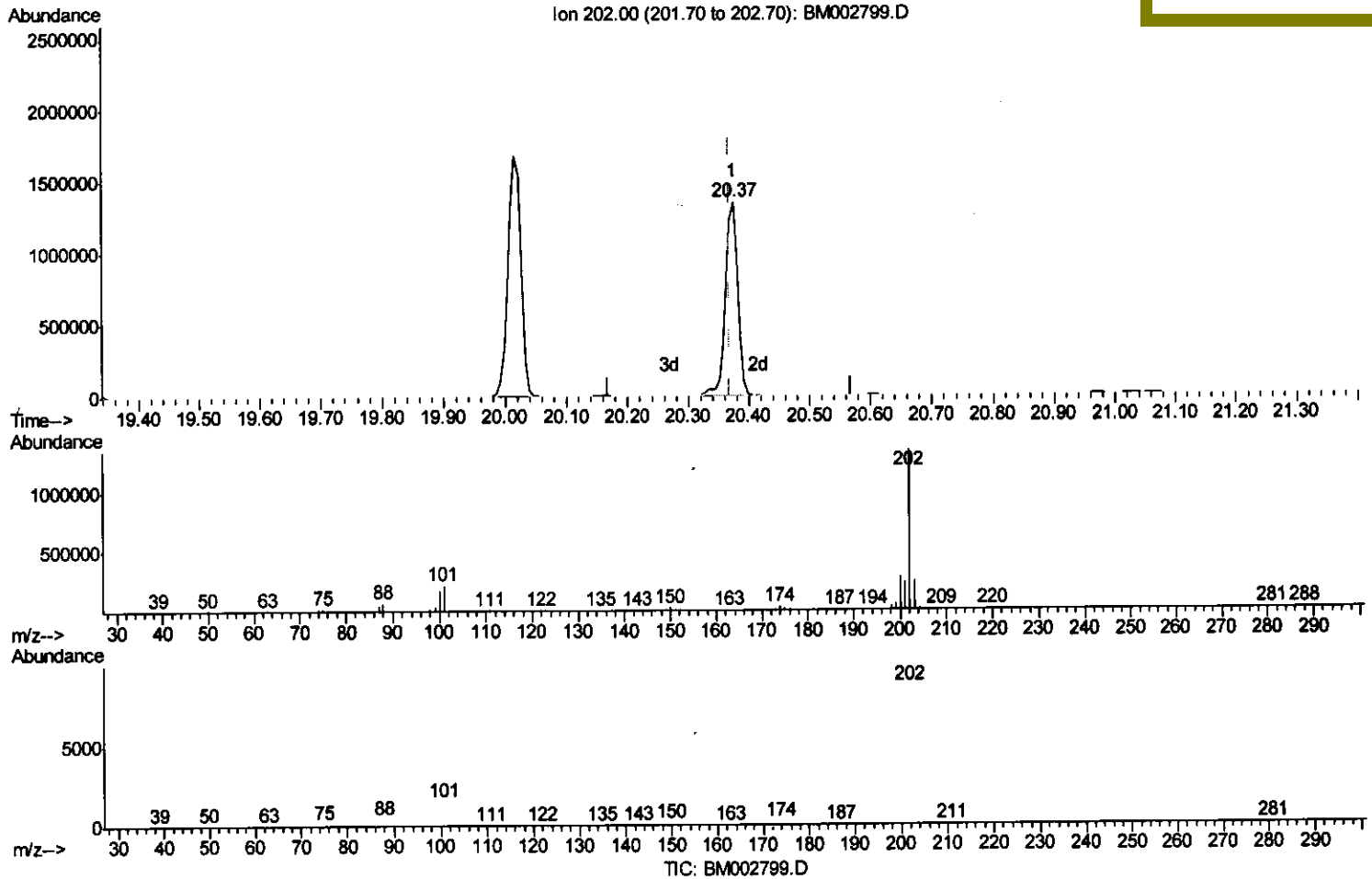
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM092915\
 Data File : BM002799.D
 Acq On : 01 Oct 2015 01:37
 Operator : UM/IZ
 Sample : G3798-23
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9G75

Quant Time: Oct 01 07:10:58 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM092915.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 01 07:01:42 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

MMDadoda
 10/1/2015 4:44:21 PM



(80) Pyrene

20.374min (+0.006) 104.40ng/ui

response 1856831

Ion	Exp%	Act%
202.00	100	100
101.00	15.10	15.89
100.00	12.80	13.03
0.00	0.00	0.00

Quantitation Report (Qedit)

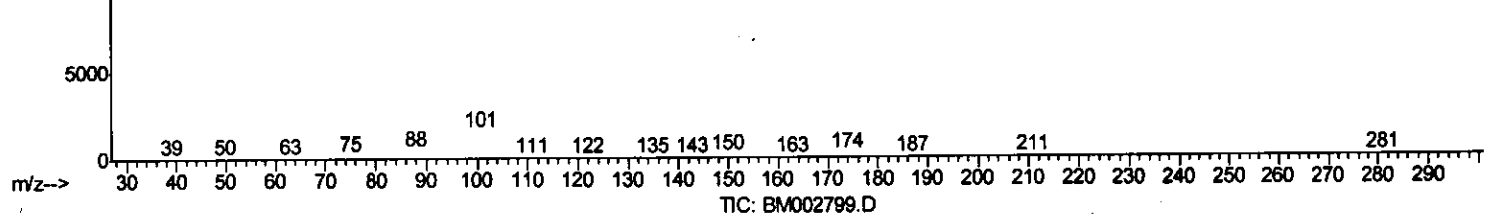
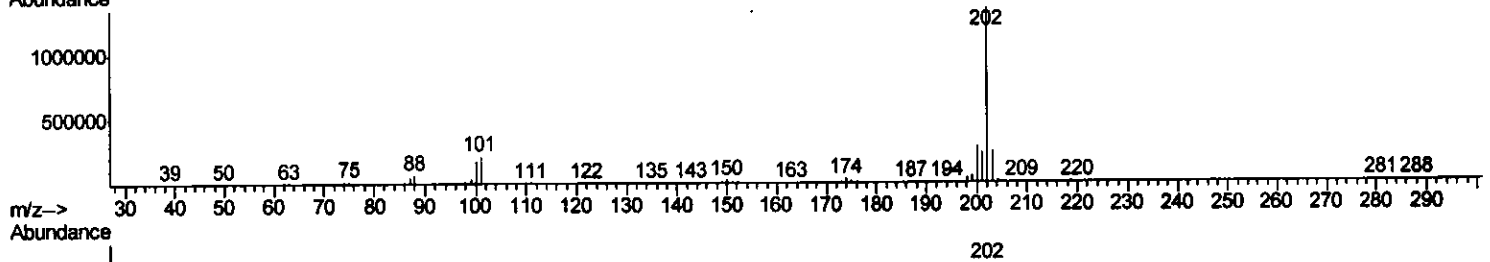
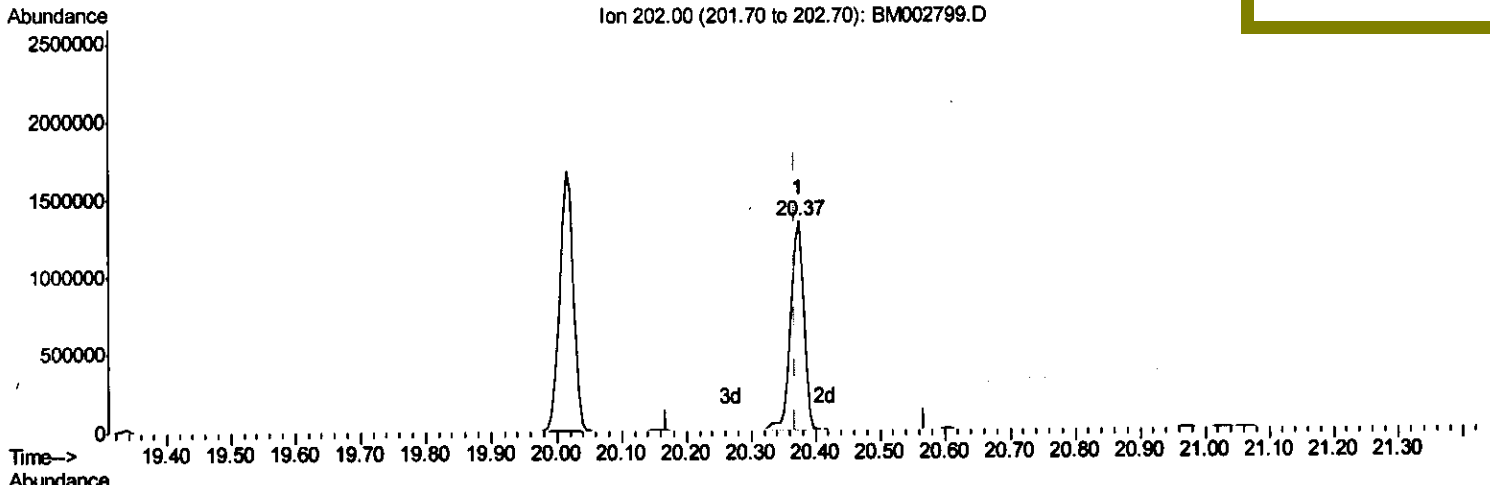
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM092915\
 Data File : BM002799.D
 Acq On : 01 Oct 2015 01:37
 Operator : UM/IZ
 Sample : G3798-23
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9G75

Quant Time: Oct 01 07:10:58 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM092915.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 01 07:01:42 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

MMDadoda
 10/1/2015 4:44:21 PM



(80) Pyrene

20.374min (+0.006) 108.18ng/ul m U.M

response 1924007

10/8/15

Ion	Exp%	Act%
202.00	100	100
101.00	15.10	15.89
100.00	12.80	13.03
0.00	0.00	0.00

Quantitation Report (Qedit)

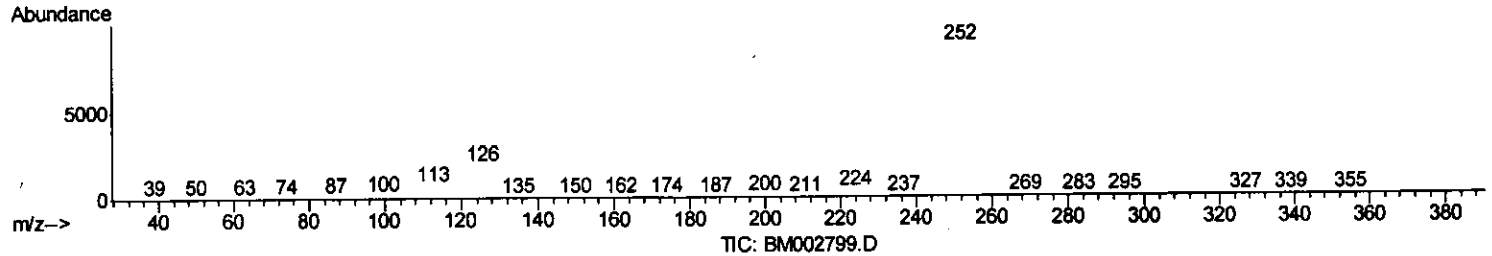
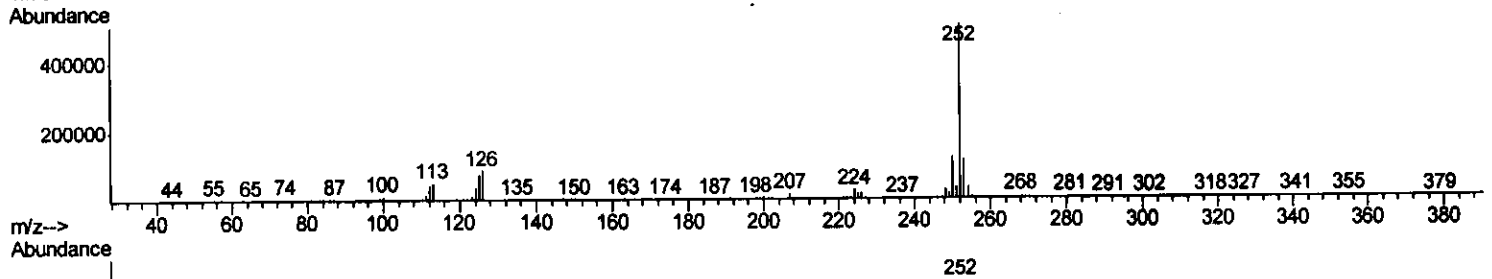
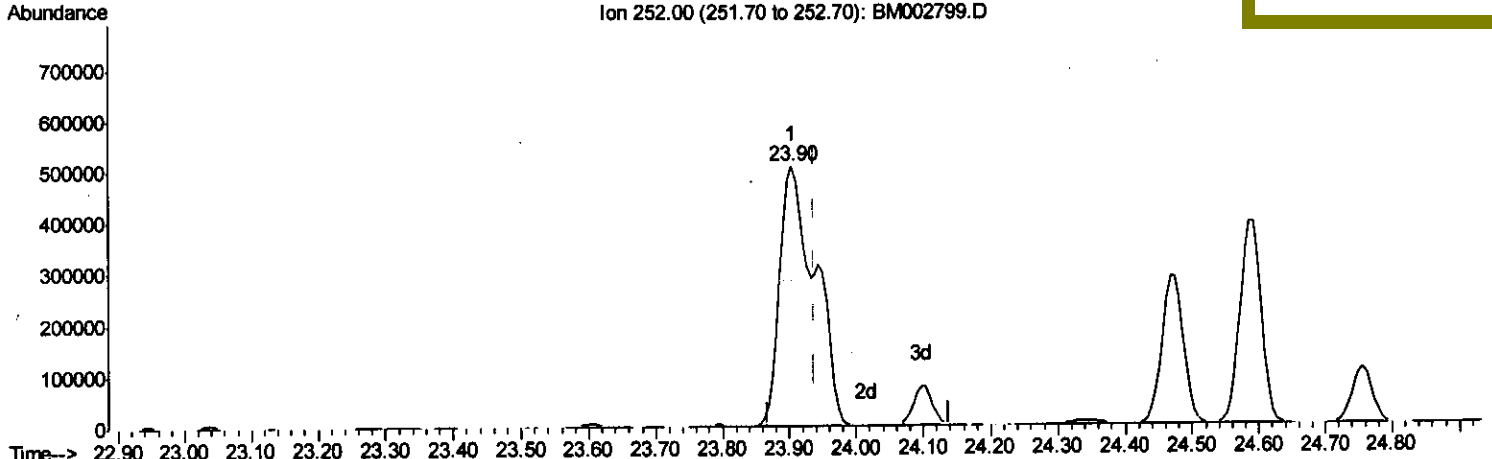
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM092915\
 Data File : BM002799.D
 Acq On : 01 Oct 2015 01:37
 Operator : UM/IZ
 Sample : G3798-23
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9G75

Quant Time: Oct 01 07:10:58 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM092915.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 01 07:01:42 2015
 Response via : Initial Calibration

Manual Integrations
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MMDadoda
 10/1/2015 4:44:21 PM



(89) Benzo(k)fluoranthene

23.903min (-0.035) 19.62ng/ul

response 340665

Ion	Exp%	Act%
252.00	100	100
253.00	21.60	22.76
125.00	12.50	14.23
0.00	0.00	0.00

Quantitation Report (Qedit)

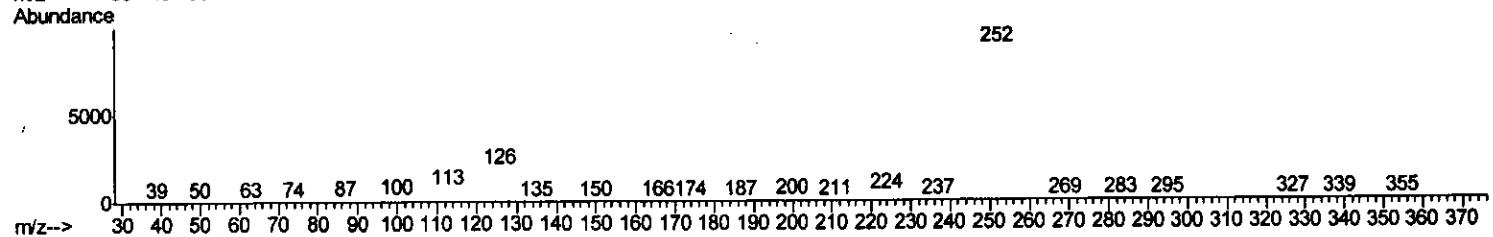
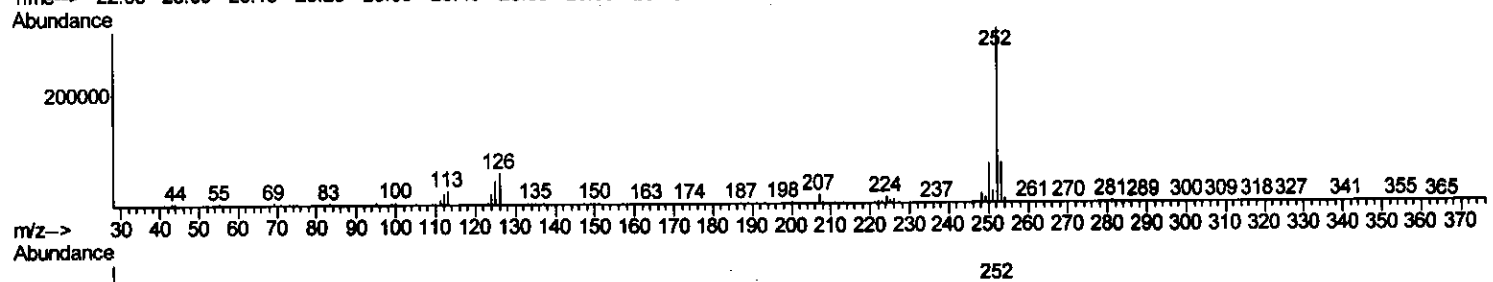
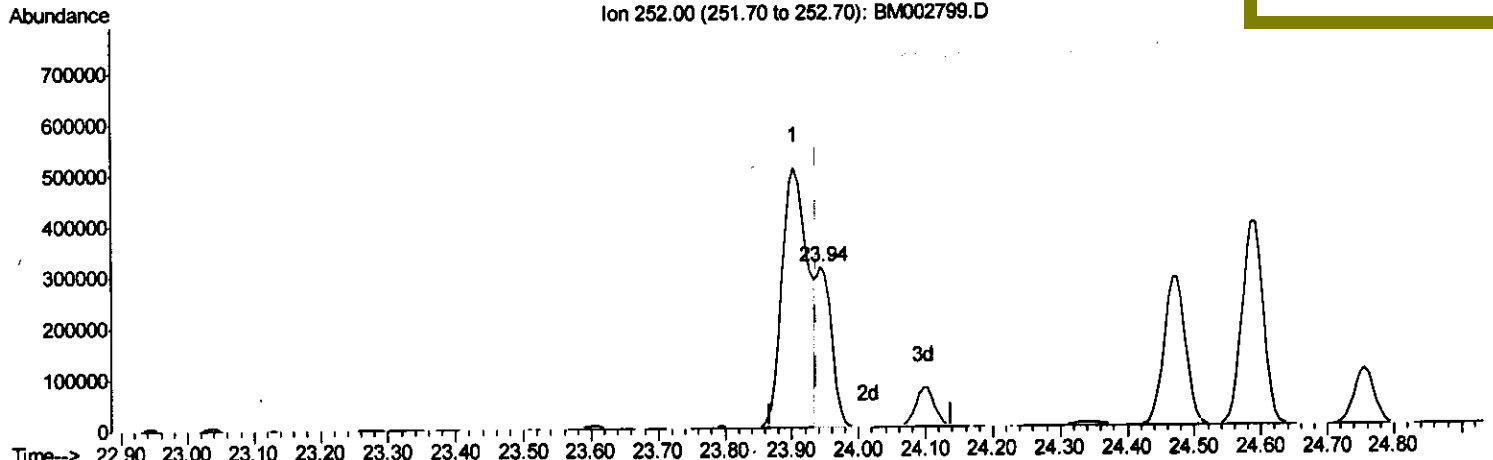
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM092915\
 Data File : BM002799.D
 Acq On : 01 Oct 2015 01:37
 Operator : UM/IZ
 Sample : G3798-23
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9G75

Quant Time: Oct 01 07:10:58 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM092915.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 01 07:01:42 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

MMDadoda
 10/1/2015 4:44:21 PM



(89) Benzo(k)fluoranthene

23.944min (+0.006) 29.51ng/ul m U.M
 response 512497 10/8/15

Ion	Exp%	Act%
252.00	100	100
253.00	21.60	23.07
125.00	12.50	14.06
0.00	0.00	0.00

Quantitation Report (Qedit)

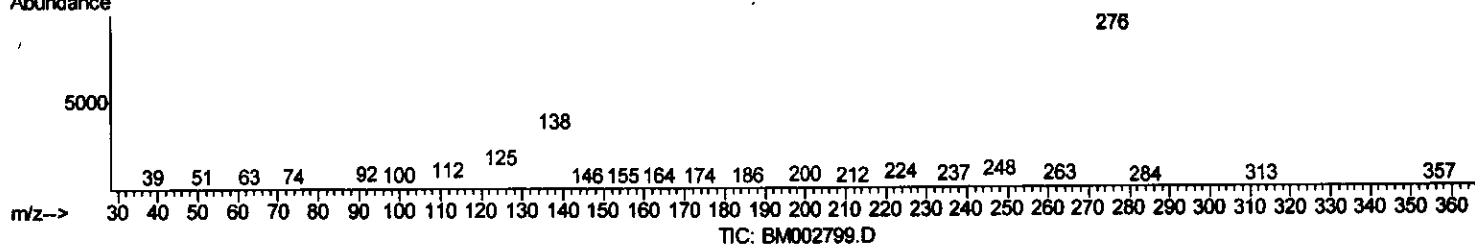
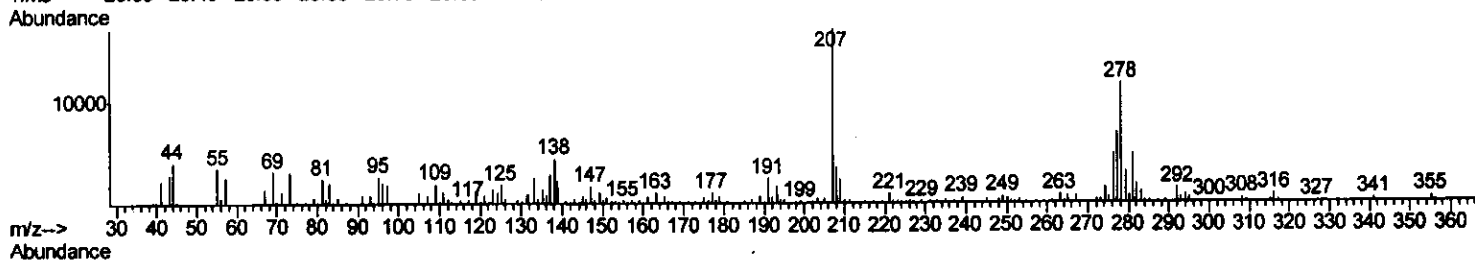
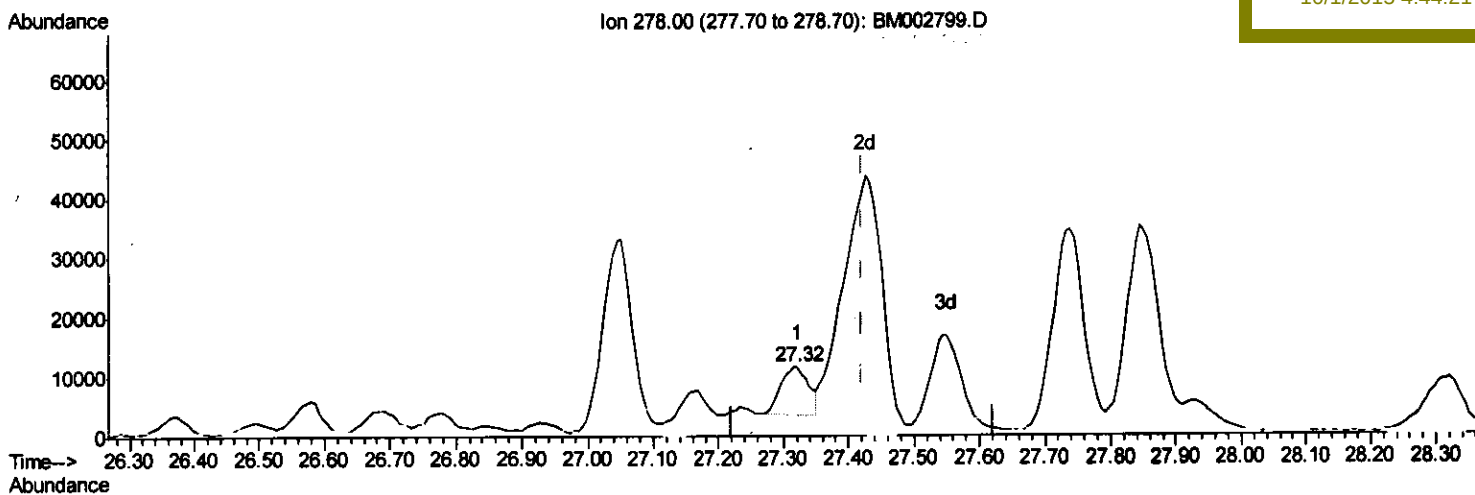
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM092915\
Data File : BM002799.D
Acq On : 01 Oct 2015 01:37
Operator : UM/IZ
Sample : G3798-23
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampled :
D9G75

Quant Time: Oct 01 07:10:58 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM092915.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 01 07:01:42 2015
Response via : Initial Calibration

Manual Integrations
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MMDadoda
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(93) Dibenzo(a,h)anthracene

27.321min (-0.100) 1.42ng/ul

response 24668

Ion	Exp%	Act%
278.00	100	100
139.00	21.30	21.13
279.00	23.80	27.98
0.00	0.00	0.00

Quantitation Report (Qedit)

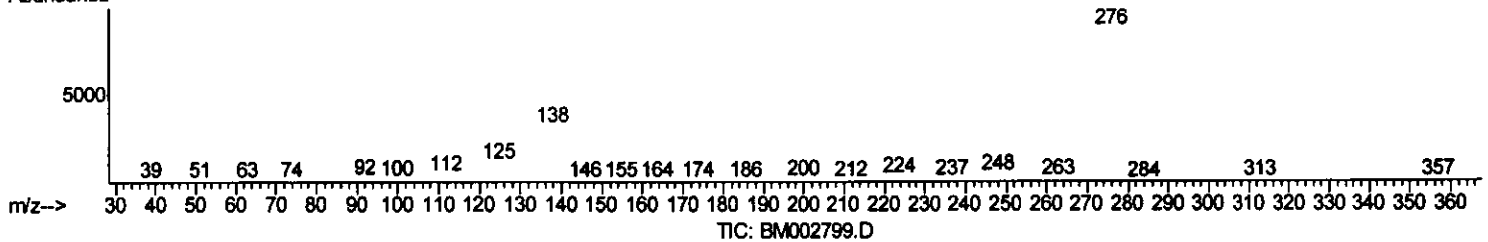
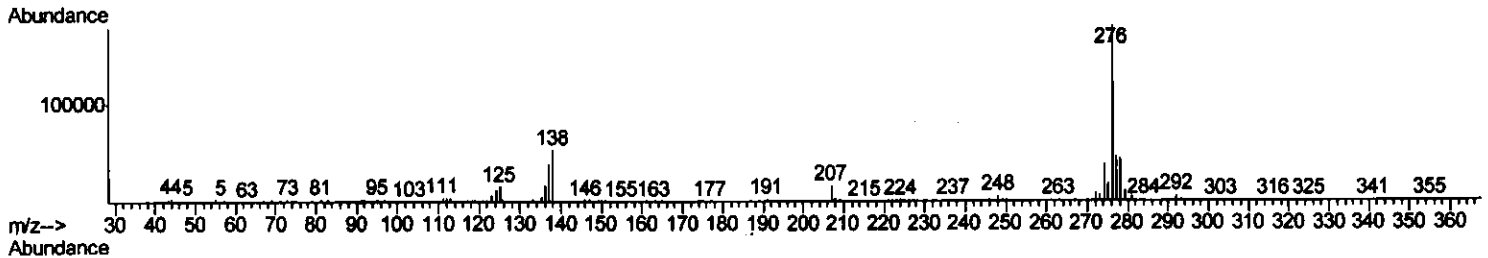
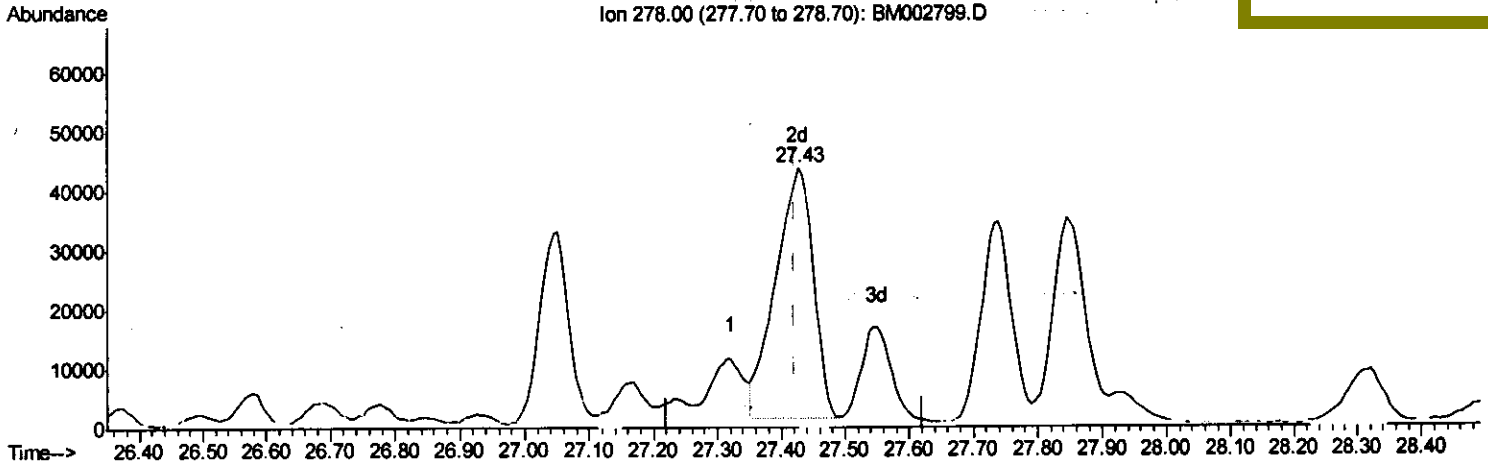
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM092915\
 Data File : BM002799.D
 Acq On : 01 Oct 2015 01:37
 Operator : UM/IZ
 Sample : G3798-23
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9G75

Quant Time: Oct 01 07:10:58 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM092915.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 01 07:01:42 2015
 Response via : Initial Calibration

Manual Integrations
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MMDadoda
 10/1/2015 4:44:21 PM



(93) Dibenzo(a,h)anthracene

27.427min (+0.006) 9.97ng/ul m U.M
 response 173132 10/8/15

Ion	Exp%	Act%
278.00	100	100
139.00	21.30	0.00#
279.00	23.80	26.96
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM092915\
 Data File : BM002799.D
 Acq On : 01 Oct 2015 01:37
 Operator : UM/IZ
 Sample : G3798-23
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9G75

Quant Time: Oct 01 08:15:46 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM092915.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 01 07:01:42 2015
 Response via : Initial Calibration

Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.70	152	75051	20.00	ng/ul	0.00
18) Naphthalene-d8	11.56	136	301446	20.00	ng/ul	0.00
36) Acenaphthene-d10	15.30	164	140248	20.00	ng/ul	0.00
62) Phenanthrene-d10	18.01	188	268883	20.00	ng/ul	0.00
78) Chrysene-d12	22.10	240	279991	20.00	ng/ul	0.00
86) Perylene-d12	24.70	264	305327	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.77	96	3688	2.28	ng/uL	0.00
5) Phenol-d5	7.82	99	83960	14.77	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.99	67	49358	15.43	ng/ul	0.00
9) 2-Chlorophenol-d4	8.22	132	77980	14.73	ng/ul	0.00
13) 4-Methylphenol-d8	9.40	113	61220	13.06	ng/ul	0.00
19) Nitrobenzene-d5	9.89	128	37336	16.24	ng/ul	0.00
22) 2-Nitrophenol-d4	10.63	143	38123	15.87	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	11.17	165	64725m	15.27	ng/ul	0.00
29) 4-Chloroaniline-d4	11.69	131	70341	13.78	ng/ul	0.00
44) Dimethylphthalate-d6	14.67	166	185935	17.62	ng/ul	0.00
47) Acenaphthylene-d8	15.00	160	240527	17.08	ng/ul	0.00
52) 4-Nitrophenol-d4	15.48	143	22427	11.97	ng/ul	0.00
58) Fluorene-d10	16.27	176	159551	16.79	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	16.40	200	4892	3.73	ng/ul	0.00
71) Anthracene-d10	18.11	188	225488	17.57	ng/ul	0.00
79) Pyrene-d10	20.34	212	223483	17.10	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.53	264	266786	17.08	ng/ul	0.01

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 10/8/15

Target Compounds

						Qvalue
28) Naphthalene	11.61	128	18316	1.19	ng/ul	97
45) Dimethylphthalate	14.72	163	121771	11.35	ng/ul	99
48) Acenaphthylene	15.03	152	21345	1.44	ng/ul	99
50) Acenaphthene	15.36	153	56467	5.76	ng/ul	98
54) Dibenzofuran	15.69	168	44149	3.32	ng/ul	99
59) Fluorene	16.33	166	74600	6.84	ng/ul	100
70) Phenanthrene	18.06	178	1364133	87.70	ng/ul	99
72) Anthracene	18.14	178	211025	13.33	ng/ul	99
75) Carbazole	18.40	167	130260	9.42	ng/ul	100
77) Fluoranthene	20.02	202	2432190	151.45	ng/ul	99
80) Pyrene	20.37	202	1924007m	108.18	ng/ul	
83) Benzo(a)anthracene	22.08	228	925206	55.59	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.92	149	51211	4.26	ng/ul	99
85) Chrysene	22.14	228	1027541	65.45	ng/ul	96
88) Benzo(b)fluoranthene	23.90	252	1356390	73.95	ng/ul	98
89) Benzo(k)fluoranthene	23.94	252	512497m	29.51	ng/ul	
91) Benzo(a)pyrene	24.59	252	890226	50.53	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	27.44	276	691080	33.62	ng/ul#	92
93) Dibenzo(a,h)anthracene	27.43	278	173132m	9.97	ng/ul	
94) Benzo(g,h,i)perylene	28.30	276	587032	33.92	ng/ul	98

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