

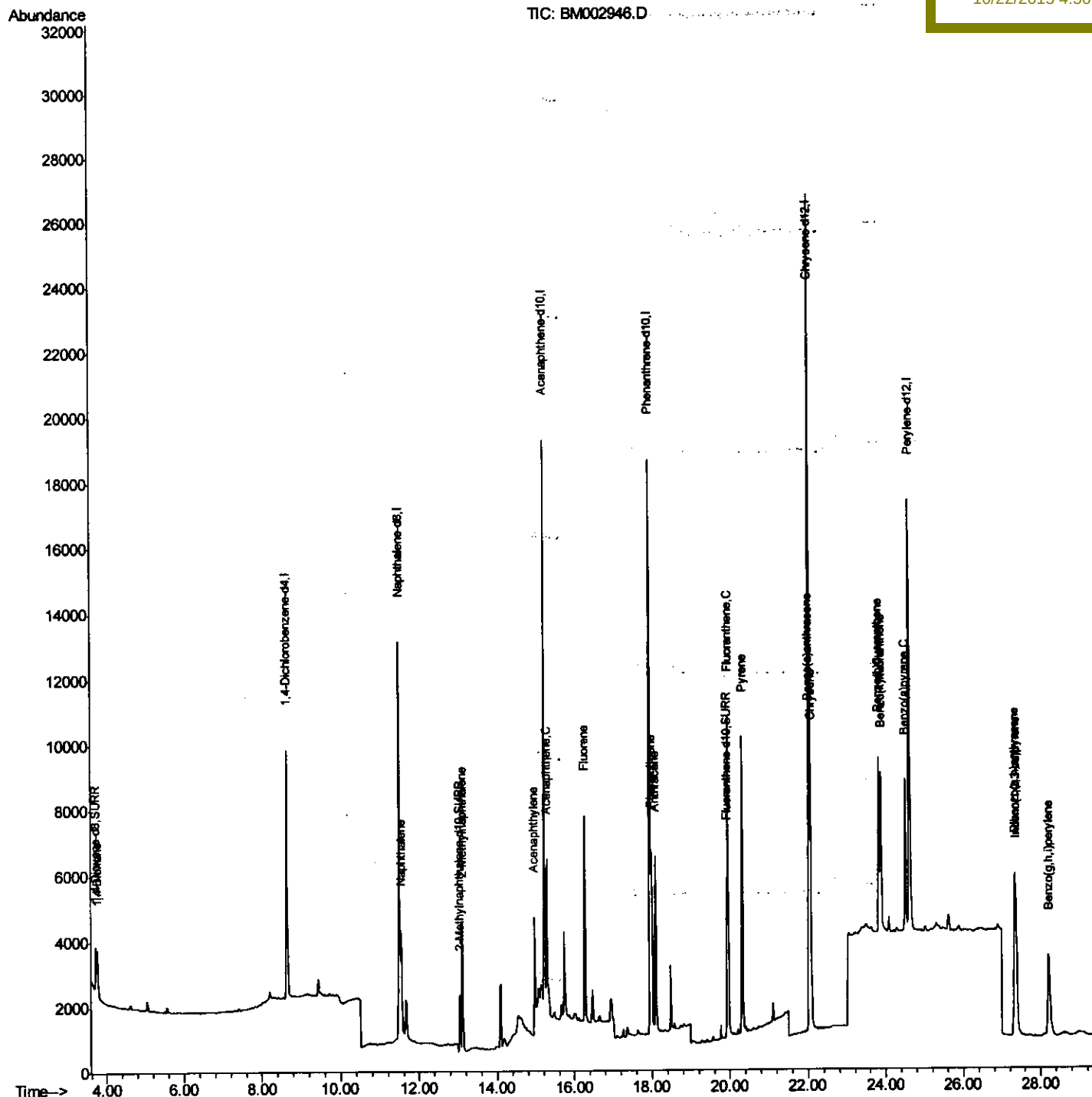
Data Path : Z:\HPCHEM1\BNA_M\Data\BM102215\
 Data File : BM002946.D
 Acq On : 21 Oct 2015 12:43
 Operator : UM/IZ
 Sample : SSTD0.141
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD0.141

Quant Time: Oct 21 15:25:49 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-SIM-BM102215.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 21 15:09:15 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

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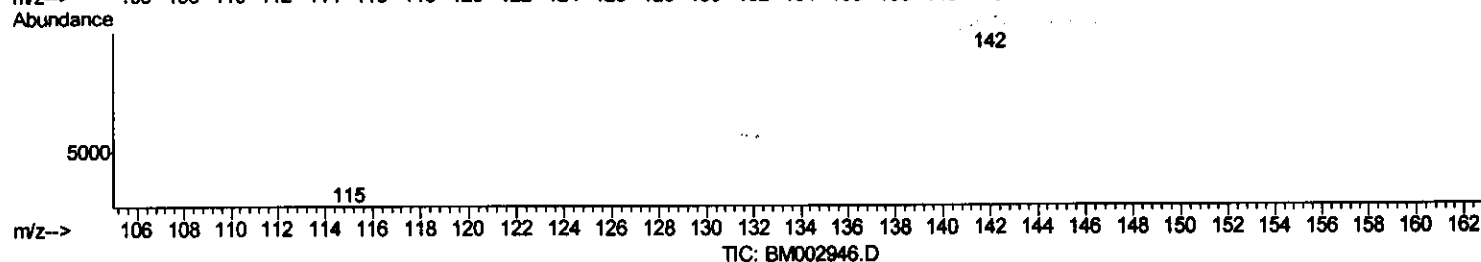
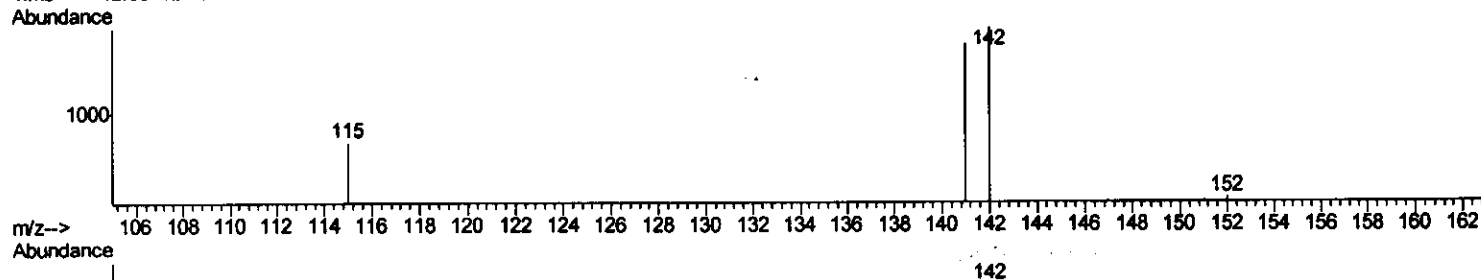
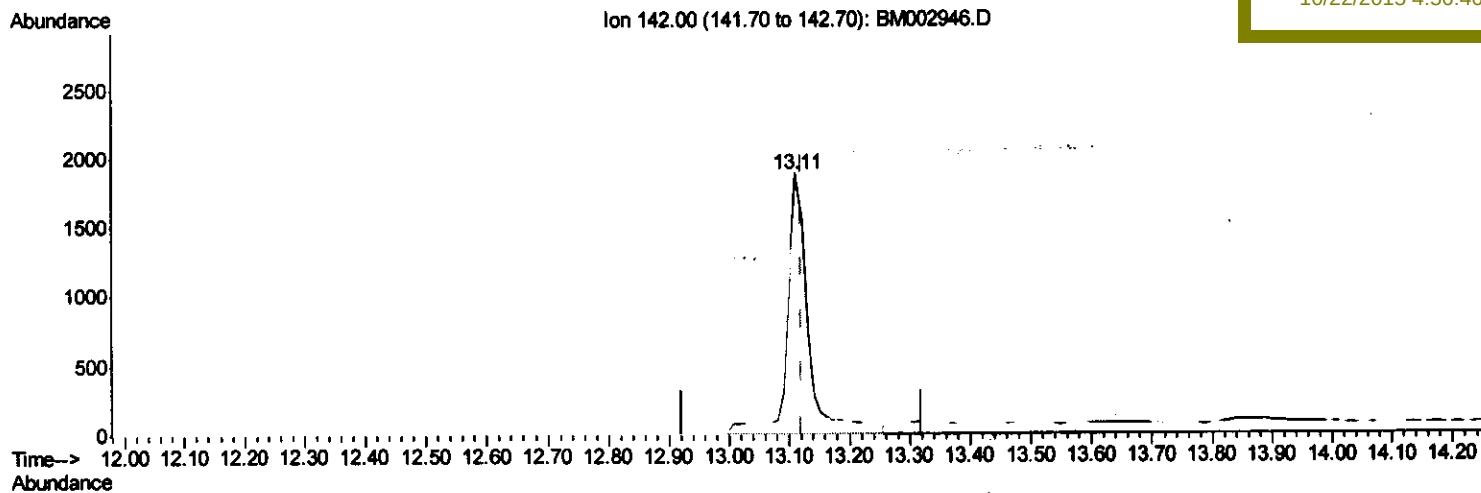
Data Path : Z:\HPCHEM1\BNA_M\Data\BM102215\
Data File : BM002946.D
Acq On : 21 Oct 2015 12:43
Operator : UM/IZ
Sample : SST00.141
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Instrument :
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Quant Time: Oct 21 15:19:31 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-SIM-BM102215.M
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QLast Update : Wed Oct 21 15:09:15 2015
Response via : Initial Calibration



(7) 2-Methylnaphthalene

13.110min (-0.011) 0.12ng/ul

response 4792

Ion	Exp%	Act%
142.00	100	100
141.00	87.90	71.97
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

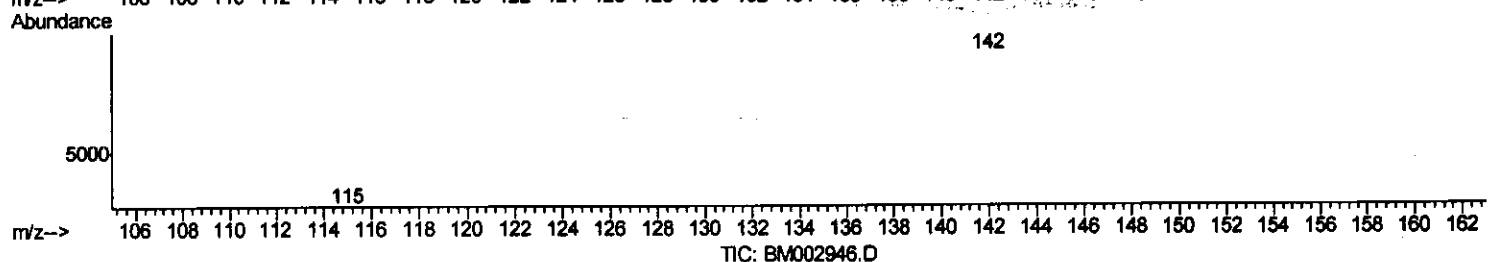
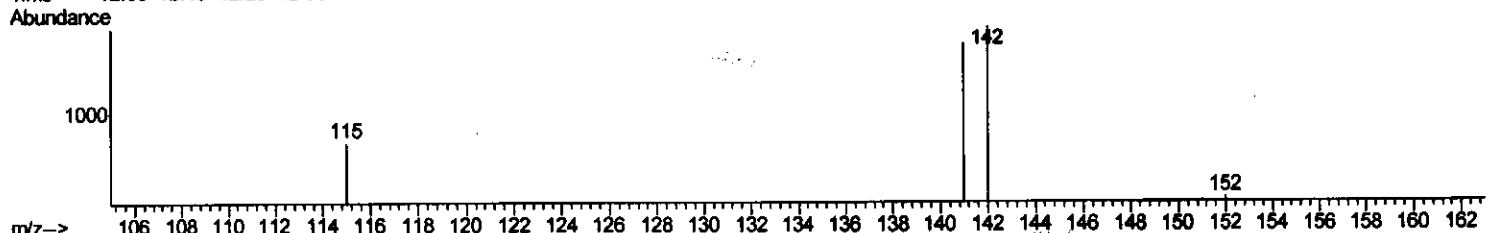
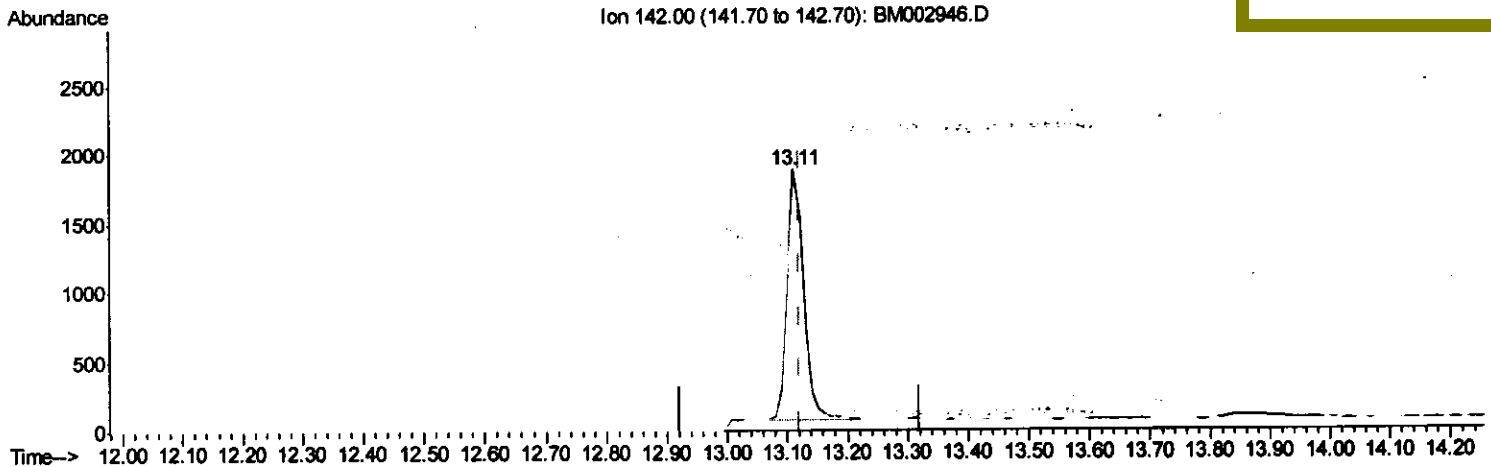
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(7) 2-Methylnaphthalene

13.110min (-0.011) 0.09ng/ul m 1).M
 response 3437 10/23/15

Ion	Exp%	Act%
142.00	100	100
141.00	87.90	100.35
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

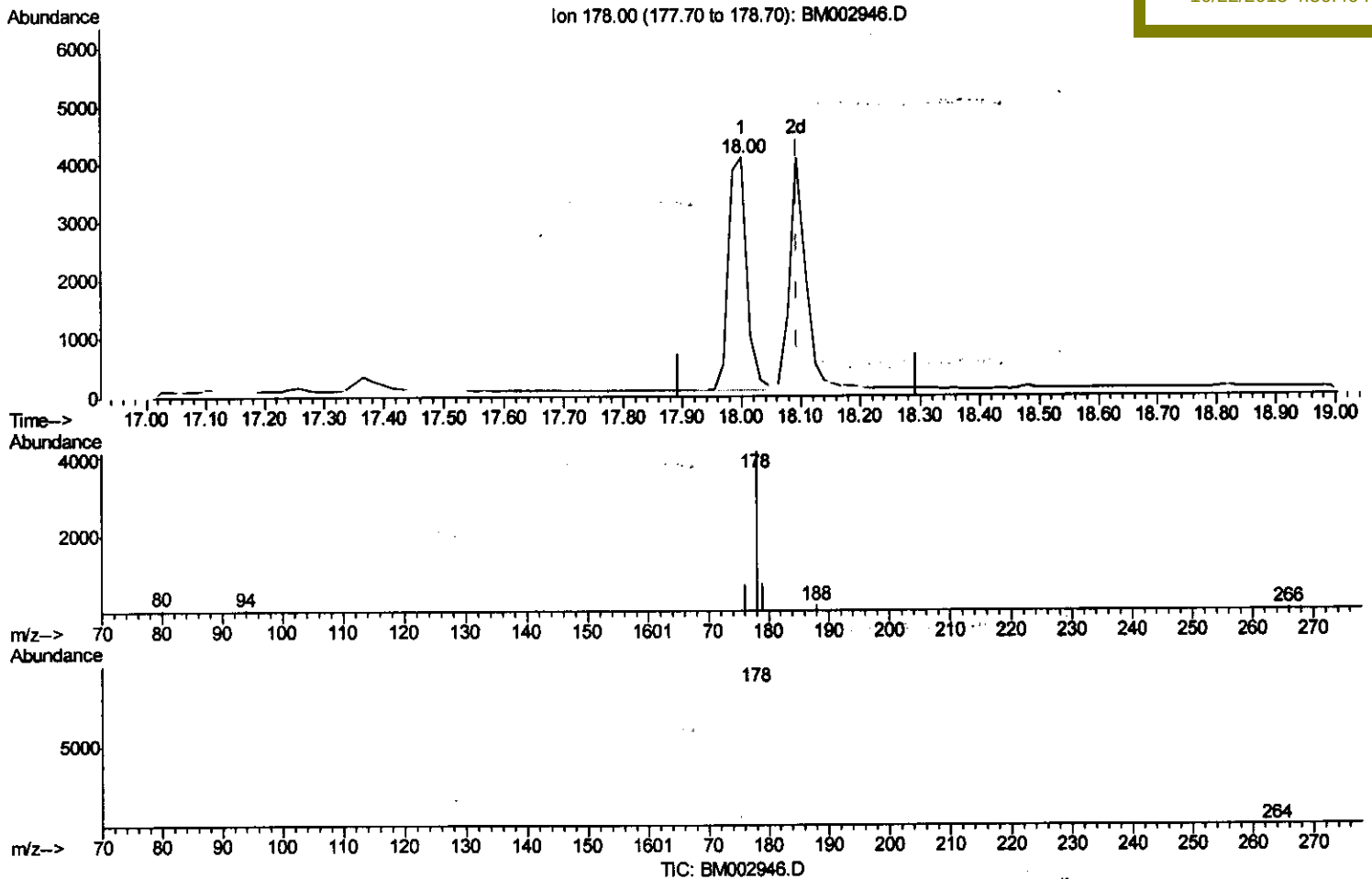
Data Path : Z:\HPCHEM1\BNA_M\Data\BM102215\
 Data File : BM002946.D
 Acq On : 21 Oct 2015 12:43
 Operator : UM/IZ
 Sample : SST0.141
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SST0.141

Quant Time: Oct 21 15:19:31 2015
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Manual Integrations
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(15) Anthracene

18.000min (-0.093) 0.12ng/ul

response 8652

Ion	Exp%	Act%
178.00	100	100
176.00	19.80	18.68
179.00	16.60	19.68
0.00	0.00	0.00

Quantitation Report (Qedit)

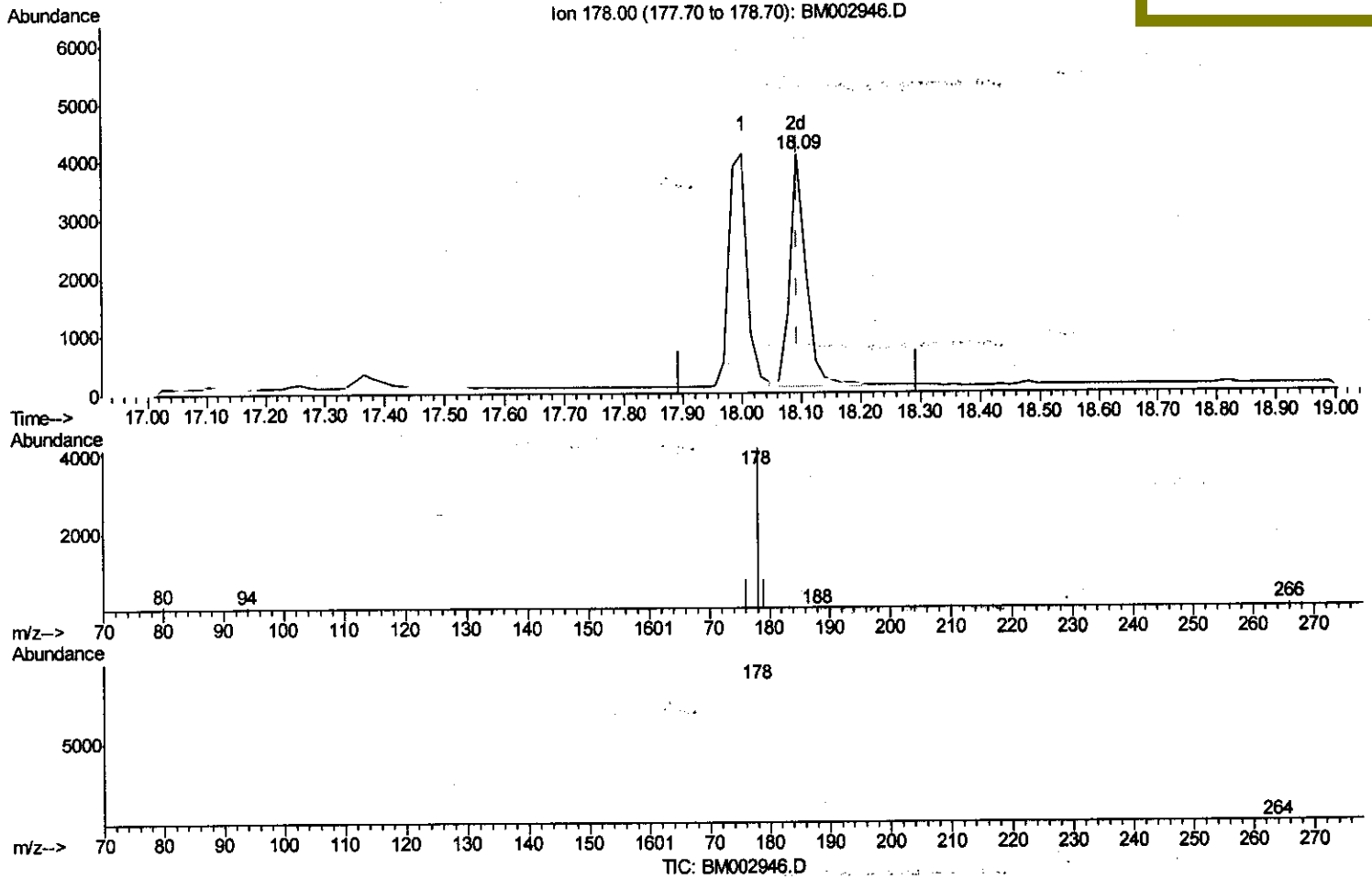
Data Path : Z:\HPCHEM1\BNA_M\Data\BM102215\
 Data File : BM002946.D
 Acq On : 21 Oct 2015 12:43
 Operator : UM/IZ
 Sample : SSTDO.141
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDO.141

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Manual Integrations
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(15) Anthracene

18.093min (-0.000) 0.11ng/ul m U.M
 response 7483 10/23/15

Ion	Exp%	Act%
178.00	100	100
176.00	19.80	19.88
179.00	16.60	20.18#
0.00	0.00	0.00

Quantitation Report (Qedit)

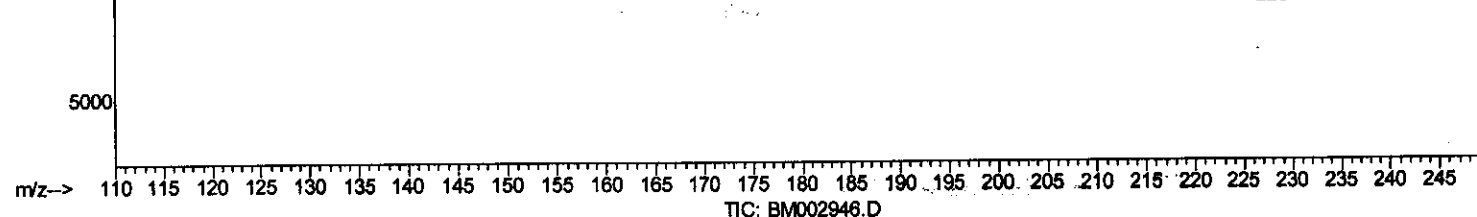
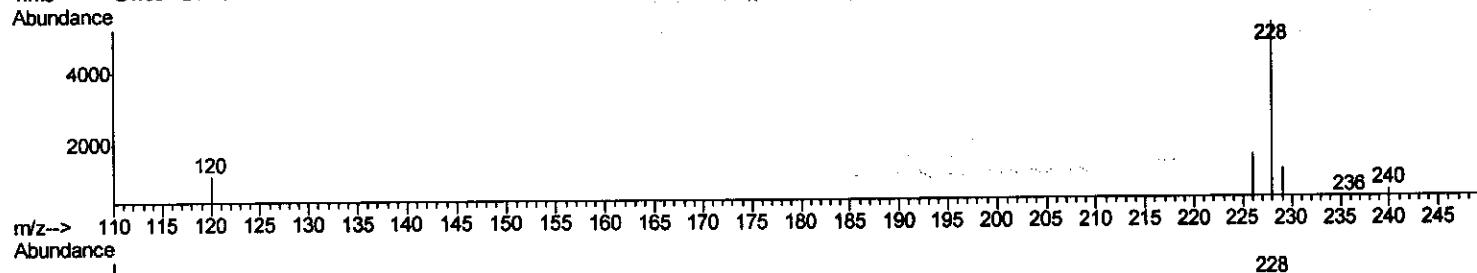
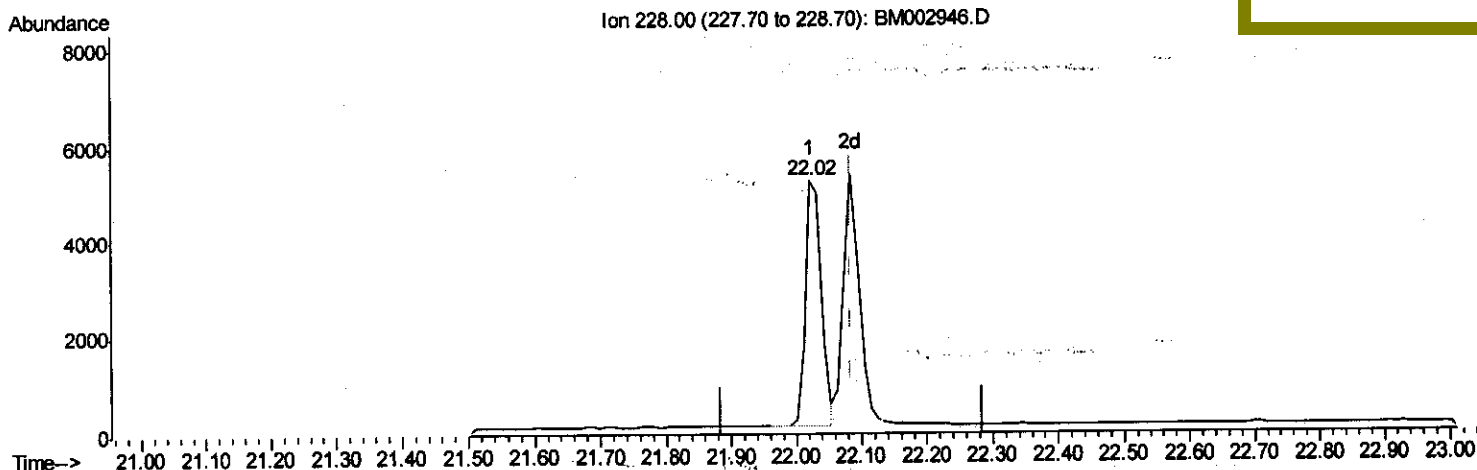
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(21) Chrysene

22.021min (-0.063) 0.10ng/ul

response 8684

Ion	Exp%	Act%
228.00	100	100
226.00	32.10	29.95
229.00	19.00	21.66
0.00	0.00	0.00

Quantitation Report (Qedit)

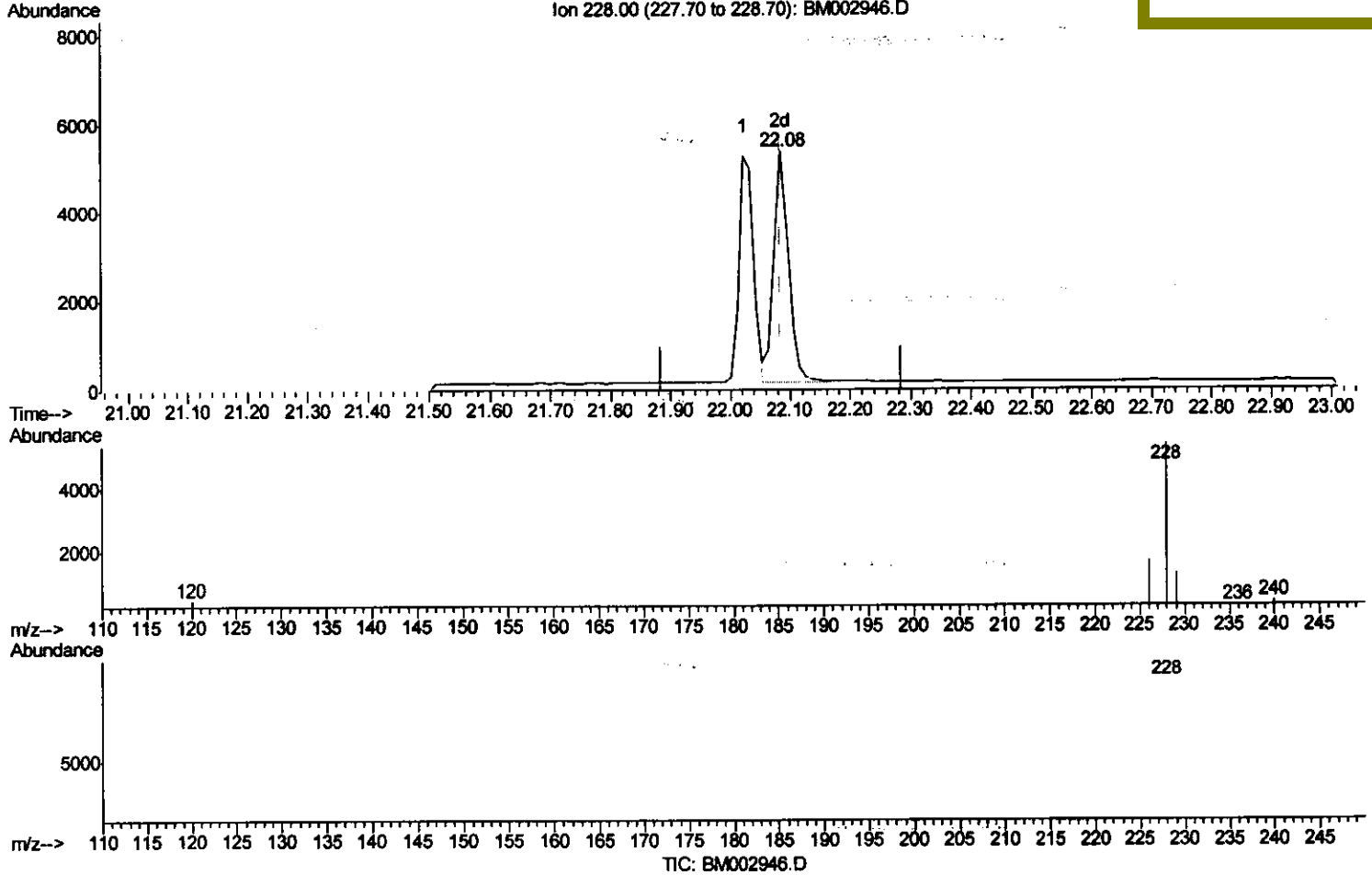
Data Path : Z:\HPCHEM1\BNA_M\Data\BM102215\
 Data File : BM002946.D
 Acq On : 21 Oct 2015 12:43
 Operator : UM/IZ
 Sample : SSTD0.141
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD0.141

Quant Time: Oct 21 15:19:31 2015
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Manual Integrations
 APPROVED

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(21) Chrysene

22.084min (-0.000) 0.11ng/ul m U.M

response 8993

10/23/15

Ion	Exp%	Act%
228.00	100	100
226.00	32.10	30.74
229.00	19.00	23.21#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_M\Data\BM102215\
 Data File : BM002946.D
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Manual Integrations
 APPROVED

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.64	152	4626	0.40	ng/ul	-0.02
4) Naphthalene-d8	11.49	136	18819	0.40	ng/ul	-0.01
8) Acenaphthene-d10	15.23	164	10685	0.40	ng/ul	0.00
12) Phenanthrene-d10	17.95	188	24155	0.40	ng/ul	0.00
18) Chrysene-d12	22.04	240	25021	0.40	ng/ul	0.00
22) Perylene-d12	24.62	264	23752	0.40	ng/ul	0.00

System Monitoring Compounds

2) 1,4-Dioxane-d8	3.71	96	1311	0.10	ng/uL	0.00
6) 2-Methylnaphthalene-d10	13.05	152	3884	0.12	ng/ul	0.00
16) Fluoranthene-d10	19.94	212	6429	0.10	ng/ul	0.01

Target Compounds

						Qvalue
3) 1,4-Dioxane	3.76	88	1420	0.10	ng/ul#	88
5) Naphthalene	11.54	128	5107	0.10	ng/ul	96
7) 2-Methylnaphthalene	13.11	142	3437m	0.09	ng/ul	
9) Acenaphthylene	14.97	152	6243	0.10	ng/ul	98
10) Acenaphthene	15.30	153	3897	0.10	ng/ul	89
11) Fluorene	16.27	166	4777	0.10	ng/ul#	87
14) Phenanthrene	18.00	178	8679	0.11	ng/ul#	94
15) Anthracene	18.09	178	7483m	0.11	ng/ul	
17) Fluoranthene	19.96	202	10366	0.11	ng/ul	96
19) Pyrene	20.32	202	10621	0.12	ng/ul	95
20) Benzo(a)anthracene	22.02	228	8684	0.10	ng/ul	96
21) Chrysene	22.08	228	8993m	0.11	ng/ul	
23) Benzo(b)fluoranthene	23.82	252	8626	0.10	ng/ul	76
24) Benzo(k)fluoranthene	23.88	252	8164	0.10	ng/ul#	72
25) Benzo(a)pyrene	24.51	252	8155	0.10	ng/ul#	74
26) Indeno(1,2,3-cd)pyrene	27.36	276	8702	0.10	ng/ul	95
27) Dibenzo(a,h)anthracene	27.34	278	7143	0.10	ng/ul#	83
28) Benzo(g,h,i)perylene	28.21	276	7190	0.10	ng/ul#	85

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

U.M
 10/23/15