

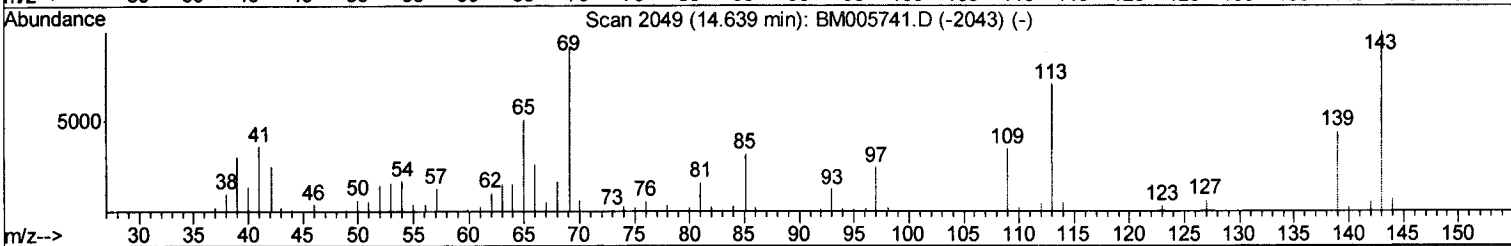
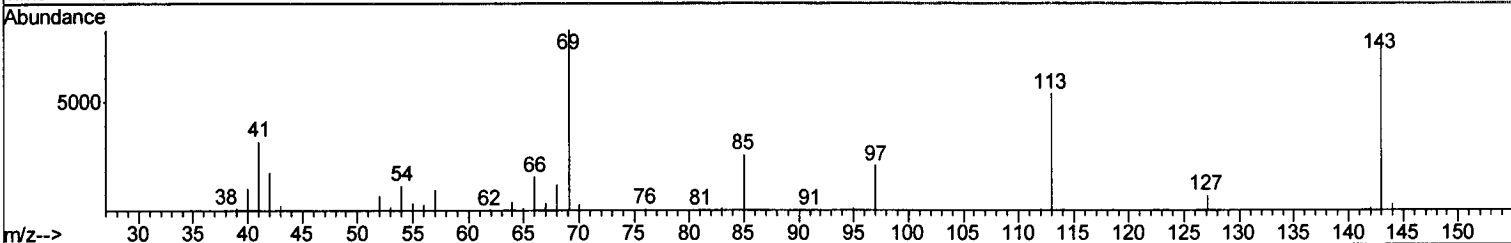
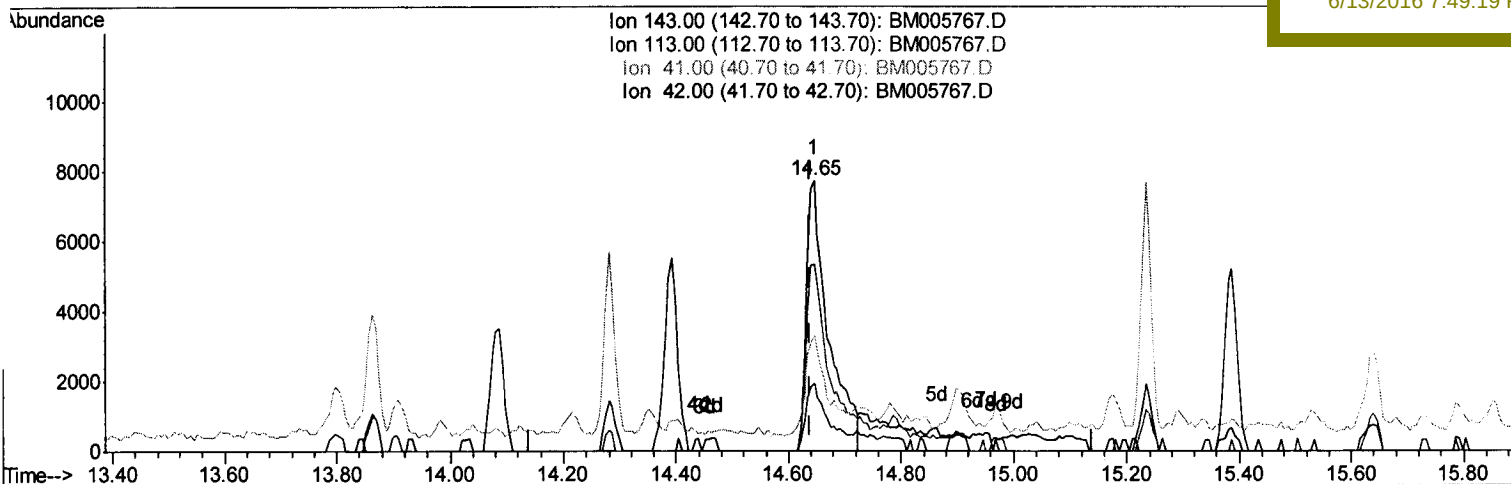
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061216\
Data File : BM005767.D
Acq On : 13 Jun 2016 02:16
Operator : UM/SJ
Sample : H3536-20
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampled :
D9Y30

Quant Time: Jun 13 03:33:33 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061016.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jun 13 03:29:45 2016
Response via : Initial Calibration

Manual Integrations
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TIC: BM005767.D

(20) 4-Nitrophenol-d4 (S)

14.645min (+0.006) 5.89ng/ul

response 21123

Ion	Exp%	Act%
143.00	100	100
113.00	72.40	69.31
41.00	38.30	42.55
42.00	26.80	25.03

Quantitation Report (Qedit)

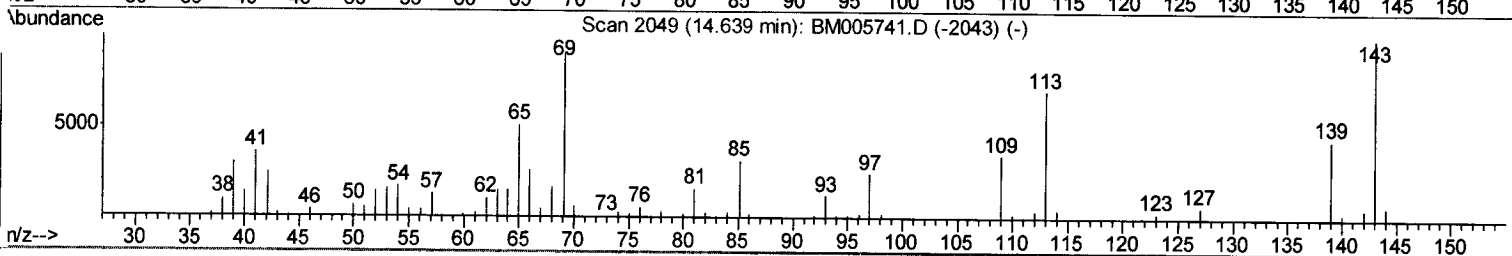
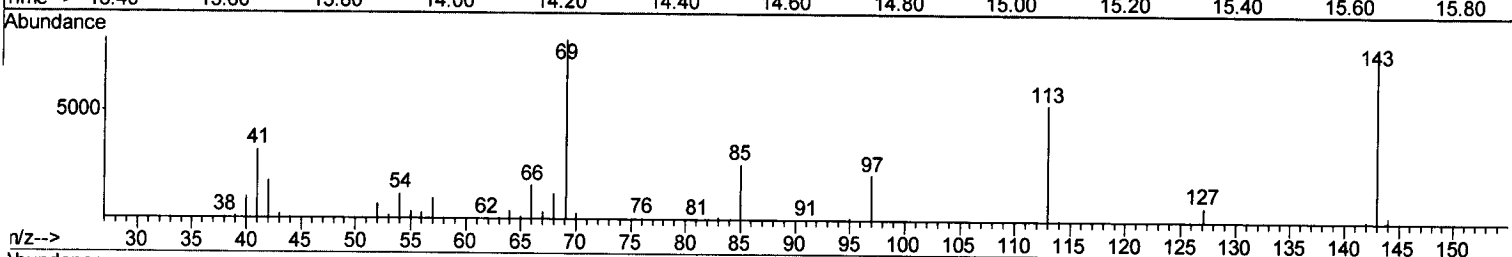
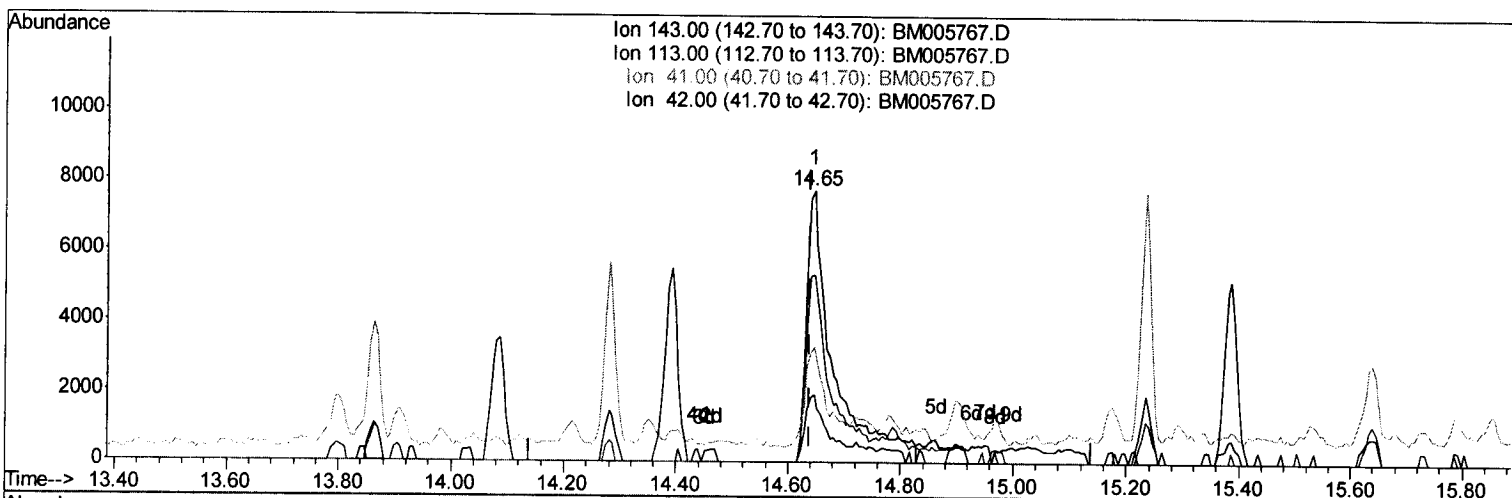
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061216\
 Data File : BM005767.D
 Acq On : 13 Jun 2016 02:16
 Operator : UM/SJ
 Sample : H3536-20
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9Y30

Manual Integrations
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TIC: BM005767.D

(20) 4-Nitrophenol-d4 (S)

14.645min (+0.006) 7.28ng/ul m

response 26087

Ion Exp% Act%

143.00 100 100

113.00 72.40 69.31

41.00 38.30 42.55

42.00 26.80 25.03

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Quantitation Report (Qedit)

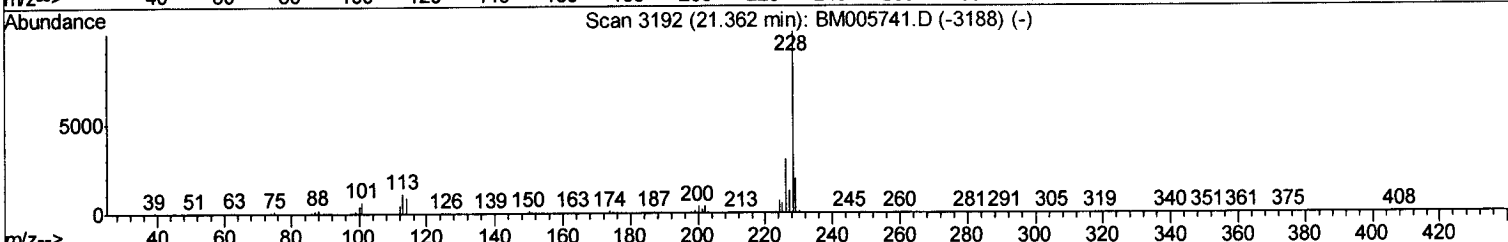
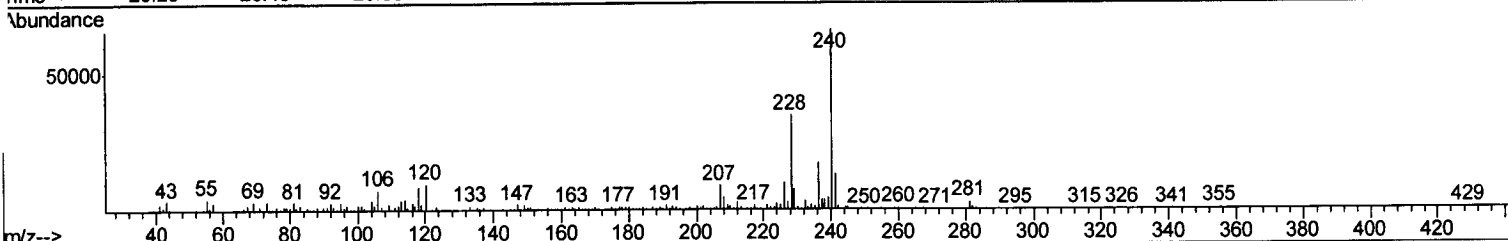
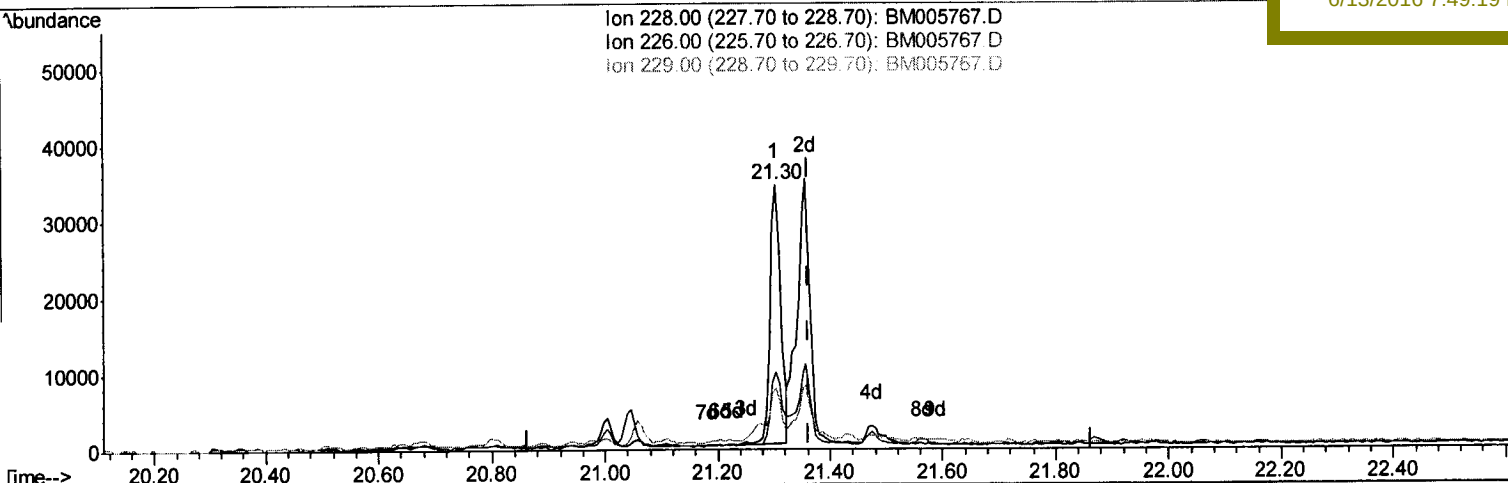
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 Data File : BM005767.D
 Acq On : 13 Jun 2016 02:16
 Operator : UM/SJ
 Sample : H3536-20
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9Y30

Quant Time: Jun 13 04:18:40 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061016.M
 Quant Title : SVOA CALIBRATION
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Manual Integrations
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TIC: BM005767.D

(33) Chrysene

21.304min (-0.058) 1.90ng/ul

response 44799

Ion	Exp%	Act%
228.00	100	100
226.00	30.20	29.49
229.00	19.80	23.21
0.00	0.00	0.00

Quantitation Report (Qedit)

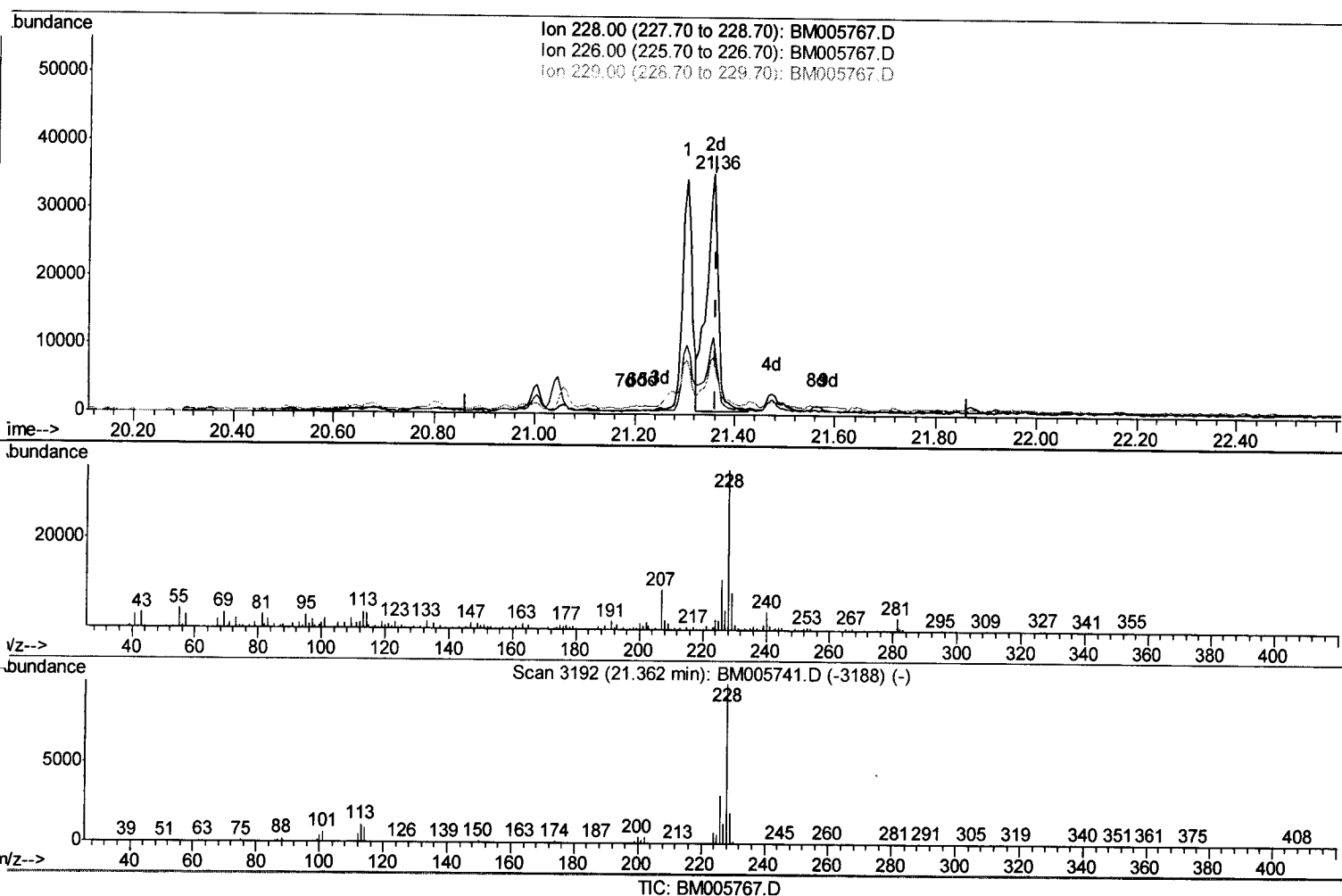
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061216\
 Data File : BM005767.D
 Acq On : 13 Jun 2016 02:16
 Operator : UM/SJ
 Sample : H3536-20
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
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Manual Integrations
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(33) Chrysene

21.357min (-0.006) 2.42ng/ul m

response 57022

Ion	Exp%	Act%
228.00	100	100
226.00	30.20	31.93
229.00	19.80	23.83#
0.00	0.00	0.00

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Quantitation Report (Qedit)

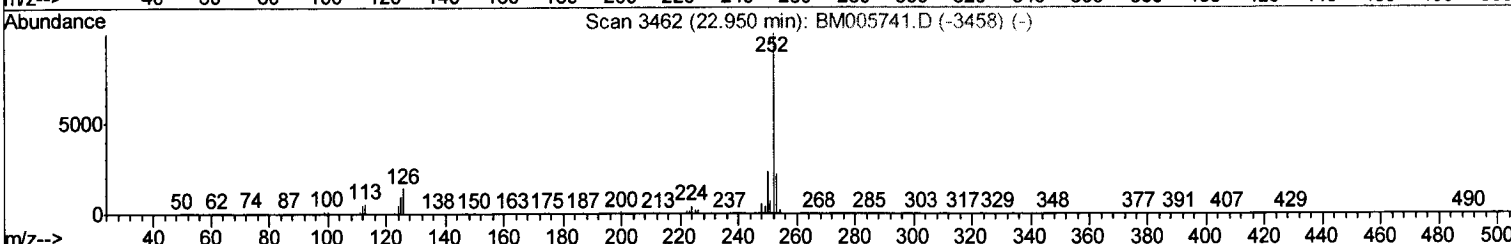
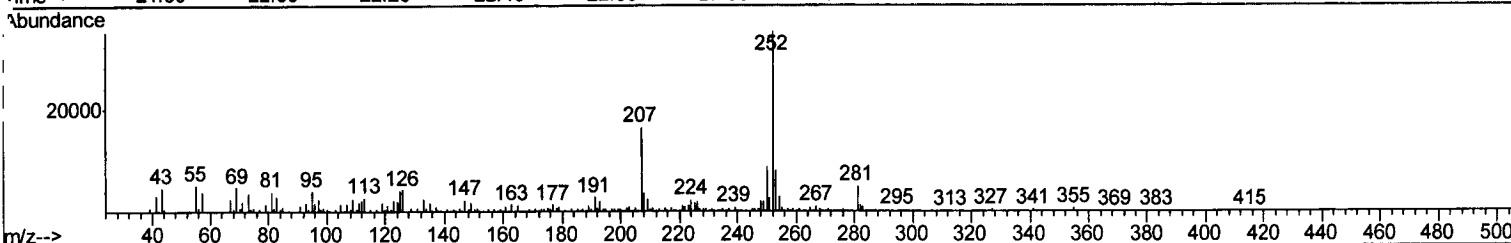
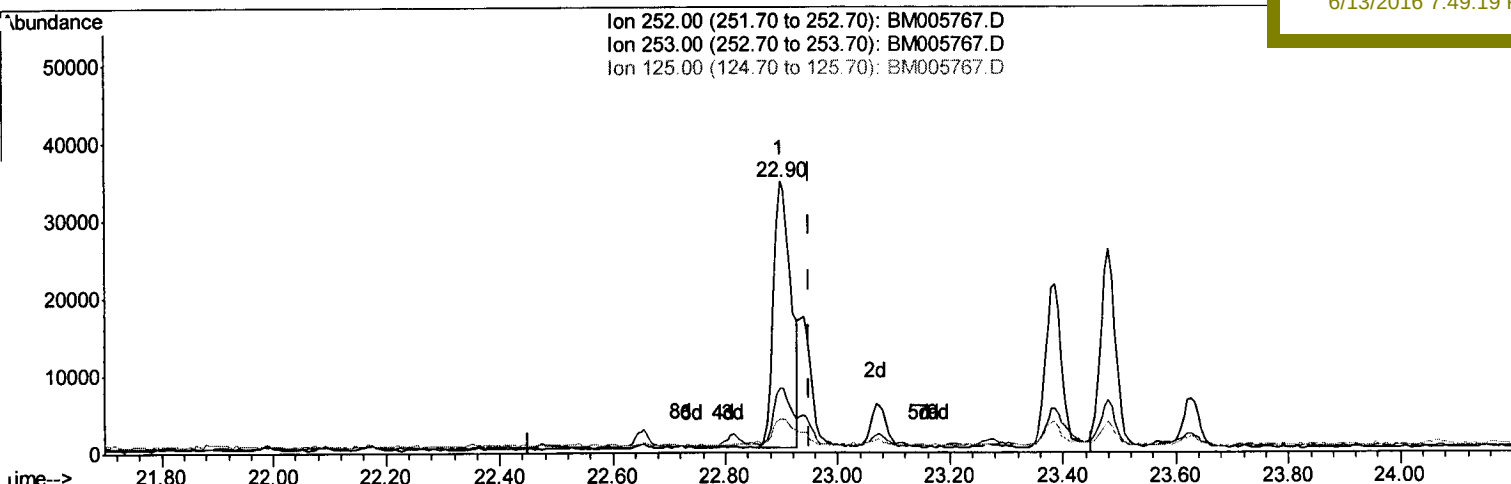
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TIC: BM005767.D

(36) Benzo(k)fluoranthene

22.898min (-0.053) 2.91ng/ul

response 74409

Ion	Exp%	Act%
252.00	100	100
253.00	21.90	23.59
125.00	10.20	12.27#
0.00	0.00	0.00

Quantitation Report (Qedit)

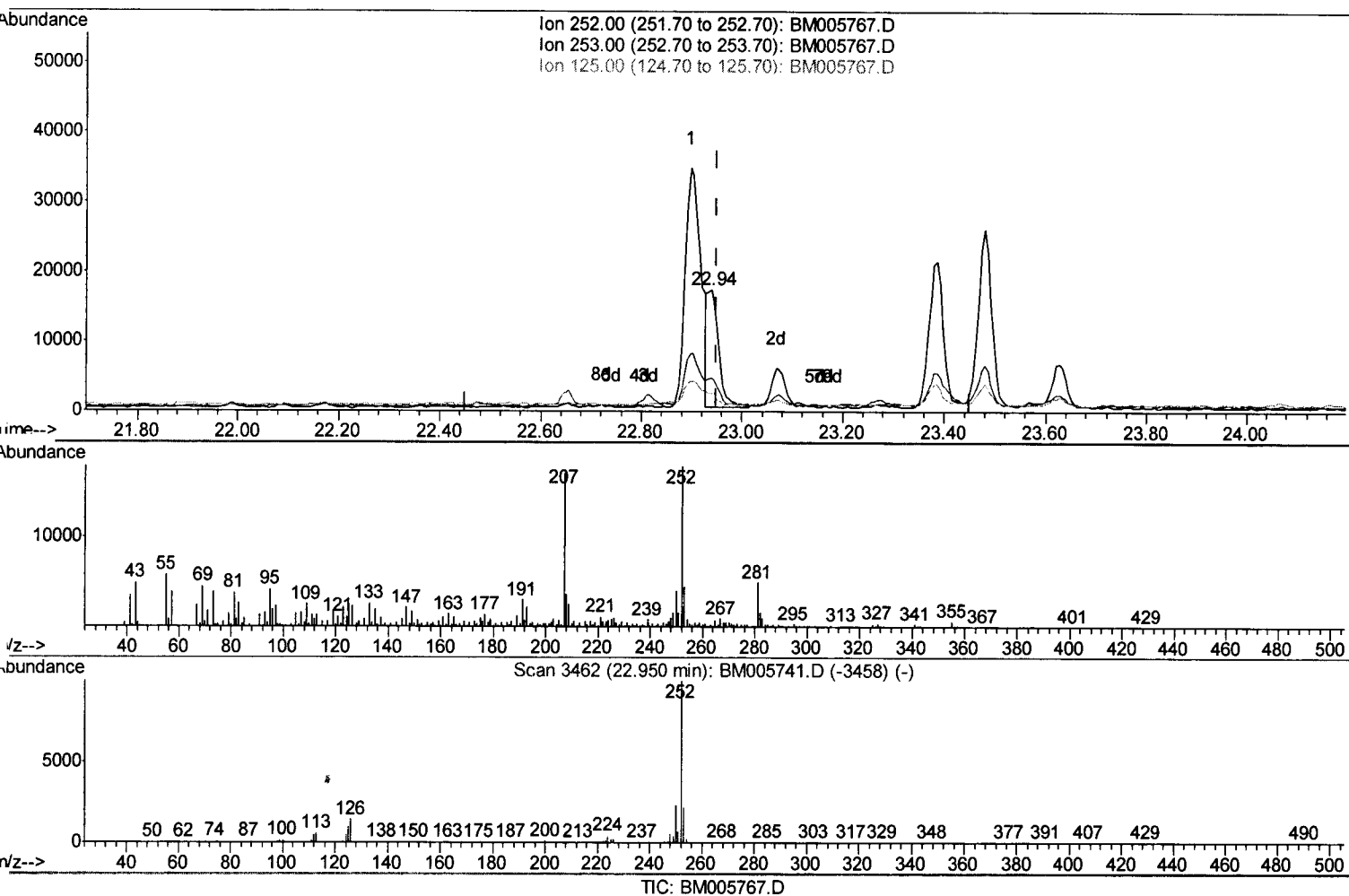
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061216\
 Data File : BM005767.D
 Acq On : 13 Jun 2016 02:16
 Operator : UM/SJ
 Sample : H3536-20
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9Y30

Manual Integrations
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(36) Benzo(k)fluoranthene

22.939min (-0.011) 1.02ng/ul m

response 26054

Ion	Exp%	Act%
252.00	100	100
253.00	21.90	26.78#
125.00	10.20	14.97#
0.00	0.00	0.00

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Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061216\
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 Acq On : 13 Jun 2016 02:16
 Operator : UM/SJ
 Sample : H3536-20
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9Y30

Quant Time: Jun 13 04:20:08 2016
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Manual Integrations
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Internal Standards	R.T.	QI	on	Response	Conc	Units	Dev (Min)
1) 1,4-Dichlorobenzene-d4	7.75	152		108754	20.00	ng/ul	0.00
7) Naphthalene-d8	10.53	136		538678	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.39	164		296976	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.14	188		522294	20.00	ng/ul	0.00
29) Chrysene-d12	21.32	240		413601	20.00	ng/ul	0.00
34) Perylene-d12	23.58	264		425725	20.00	ng/ul	0.00

System Monitoring Compounds

2) 1,4-Dioxane-d8	3.19	96		2752	1.10	ng/uL	0.00
3) Phenol-d5	6.93	99		121832	12.98	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	7.08	67		90867	16.11	ng/ul	0.00
5) 2-Chlorophenol-d4	7.28	132		116635	15.37	ng/ul	0.00
6) 4-Methylphenol-d8	8.46	113		83683	10.55	ng/ul	0.00
8) Nitrobenzene-d5	8.90	128		62248	16.03	ng/ul	0.00
9) 2-Nitrophenol-d4	9.63	143		68545	15.62	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.17	165		123475	15.51	ng/ul	0.00
12) 4-Chloroaniline-d4	10.68	131		87558	9.11	ng/ul	0.00
16) Dimethylphthalate-d6	13.80	166		414800	16.93	ng/ul	0.00
17) Acenaphthylene-d8	14.09	160		530224	17.69	ng/ul	0.00
20) 4-Nitrophenol-d4	14.65	143		26087m	7.28	ng/ul	0.00
21) Fluorene-d10	15.39	176		346611	16.71	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.53	200		7386	2.73	ng/ul	0.00
26) Anthracene-d10	17.23	188		432297	17.57	ng/ul	0.00
30) Pyrene-d10	19.53	212		382407	19.24	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.43	264		363165	18.70	ng/ul	-0.01

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Target Compounds

						Qvalue
25) Phenanthrene	17.18	178		72996	2.55	ng/ul 99
28) Fluoranthene	19.19	202		98256	2.93	ng/ul 100
31) Pyrene	19.56	202		84821	3.37	ng/ul 98
32) Benzo(a)anthracene	21.30	228		44799	1.88	ng/ul 95
33) Chrysene	21.36	228		57022m	2.42	ng/ul
35) Benzo(b)fluoranthene	22.90	252		74409	2.94	ng/ul 97
36) Benzo(k)fluoranthene	22.94	252		26054m	1.02	ng/ul
38) Benzo(a)pyrene	23.48	252		46876	1.95	ng/ul# 92
39) Indeno(1,2,3-cd)pyrene	25.86	276		36540	1.56	ng/ul 92
41) Benzo(g,h,i)perylene	26.57	276		34416	1.76	ng/ul 95

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 06/20/16

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

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Manual Integrations
 APPROVED

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