

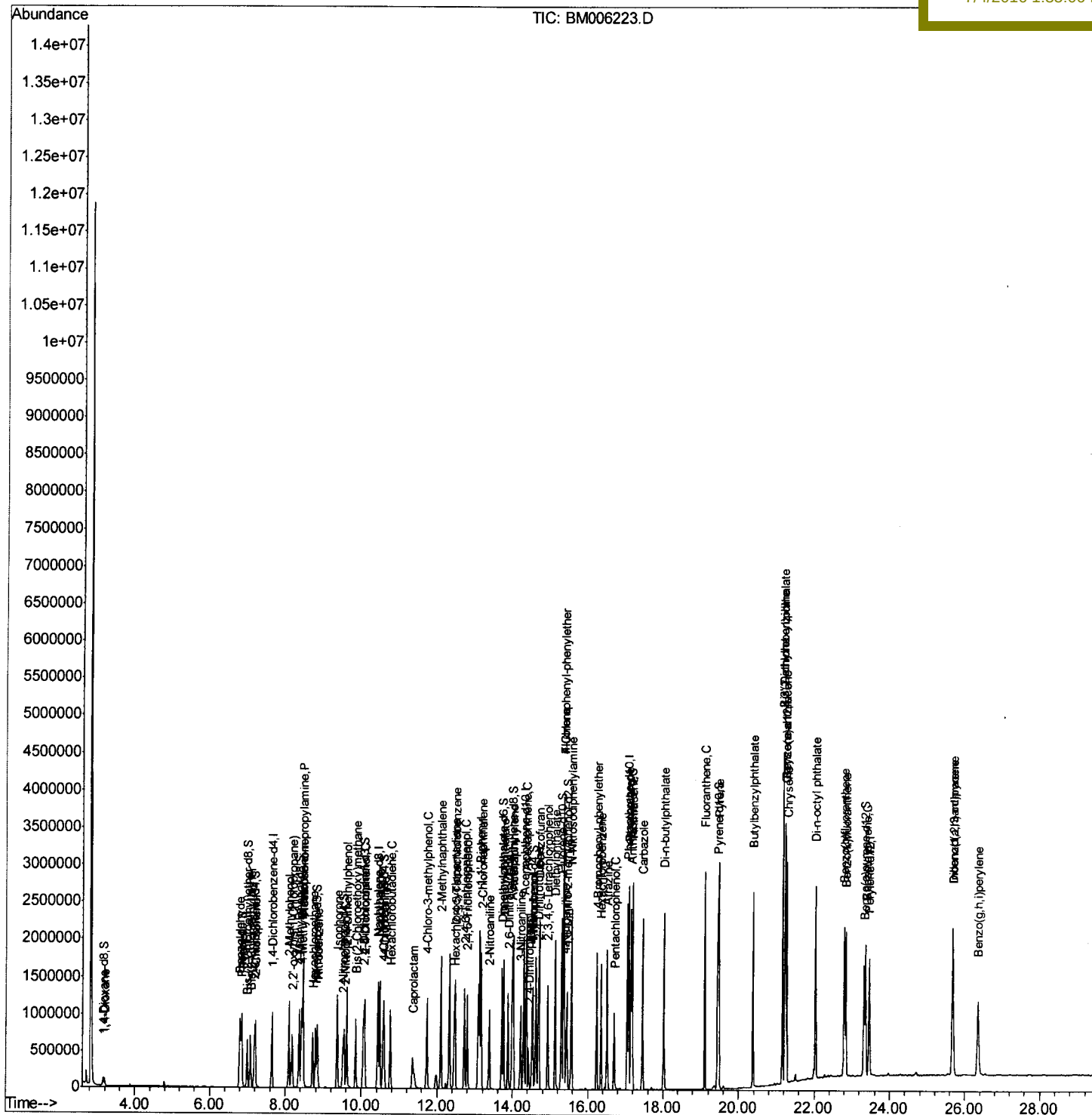
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Data Path   : Z:\HPCHEM1\BNA_M\DATA\BM070216\  
Data File  : BM006223.D  
Acq On     : 03 Jul 2016   05:32  
Operator   : UM/SJ  
Sample     : SSTCCCC020EC  
Misc       :  
ALS Vial   : 2      Sample Multiplier: 1
```

Quant Time: Jul 03 06:07:25 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM070216.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Jul 03 00:59:09 2016
Response via : Initial Calibration

Instrument :
BNA_M
LabSampleId :
SSTD02067

Manual Integratio

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Quantitation Report (Qedit)

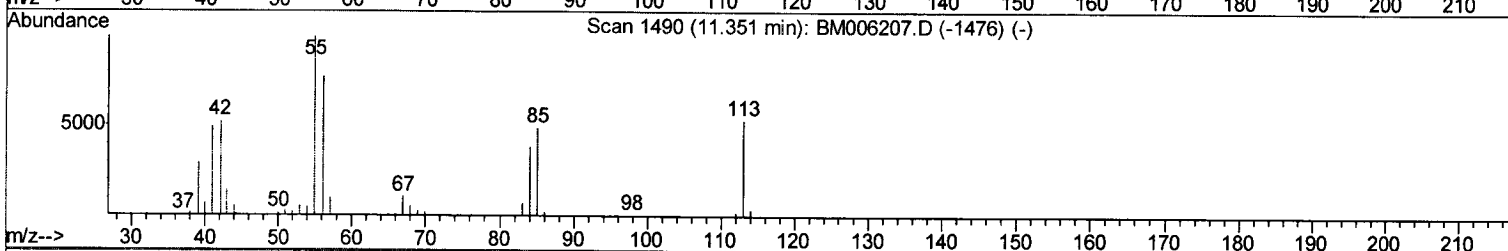
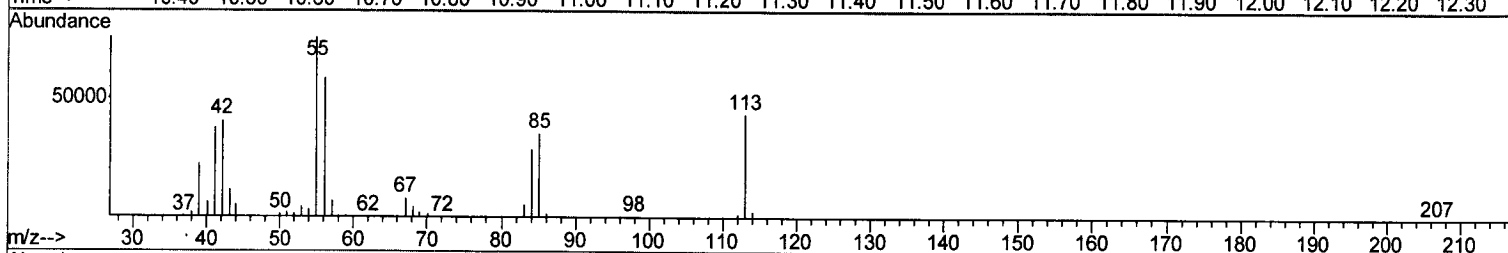
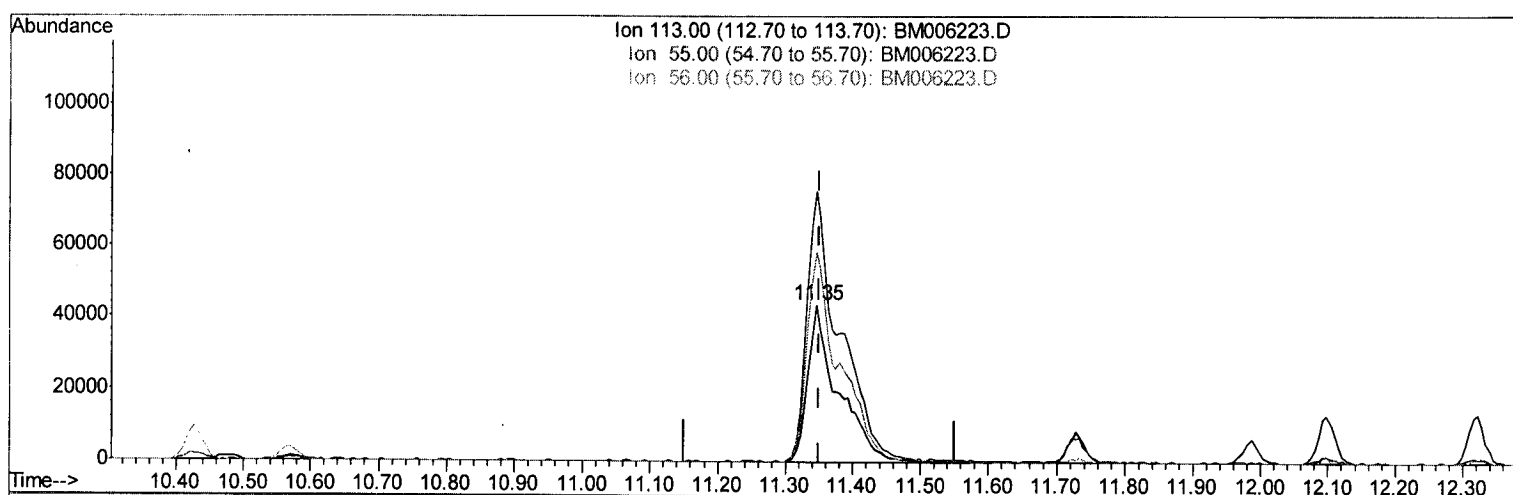
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 Data File : BM006223.D
 Acq On : 03 Jul 2016 05:32
 Operator : UM/SJ
 Sample : SSTCCCC020EC
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Instrument :
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 LabSampleId :
 SST02067

Manual Integration

Quant Time: Jul 03 06:05:01 2016
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TIC: BM006223.D

(32) Caprolactam

11.345min (-0.006) 18.18ng/ul m *U.M.*

response 138046

Ion	Exp%	Act%
113.00	100	100
55.00	194.80	172.60
56.00	150.60	133.60
0.00	0.00	0.00

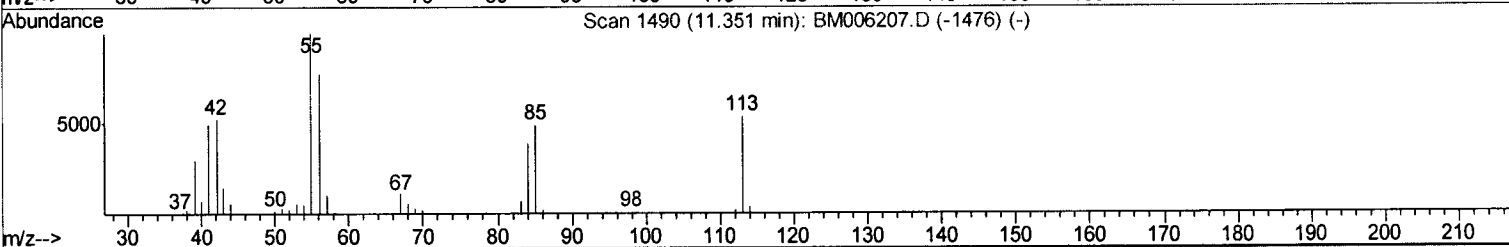
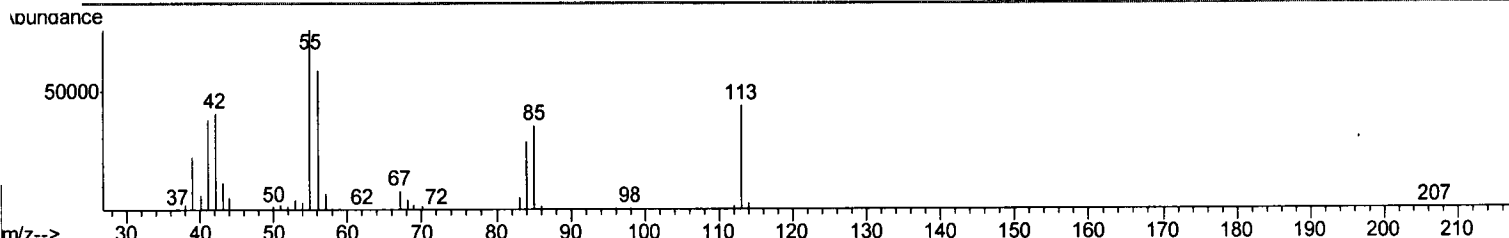
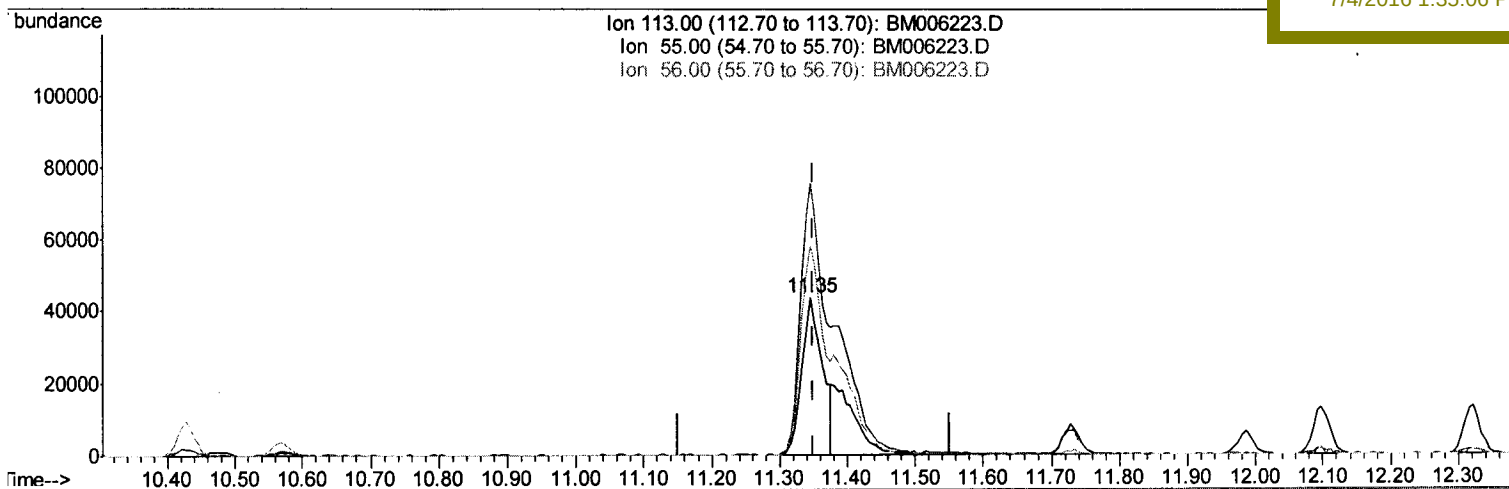
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM070216\
Data File : BM006223.D
Acq On : 03 Jul 2016 05:32
Operator : UM/SJ
Sample : SSTCCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
LabSampleId :
SSTD02067

Quant Time: Jul 03 06:05:01 2016
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Manual Integration

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TIC: BM006223.D

(32) Caprolactam

11.345min (-0.006) 12.13ng/ul

response 92082

Ion	Exp%	Act%
113.00	100	100
55.00	194.80	172.60
56.00	150.60	133.60
0.00	0.00	0.00

Quantitation Report (Qedit)

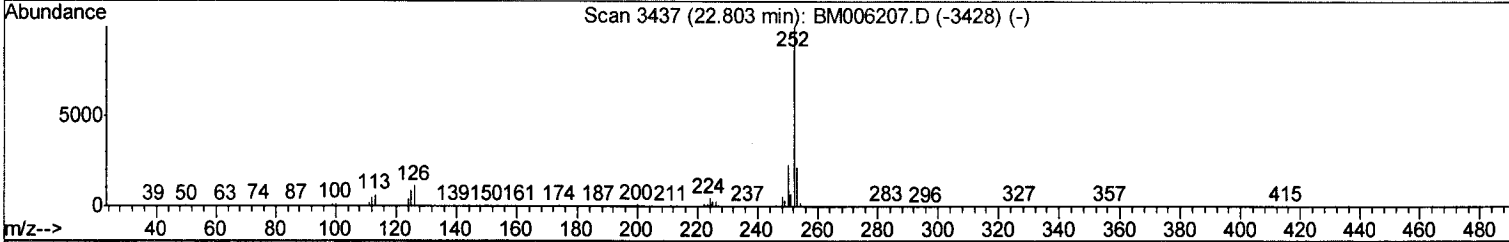
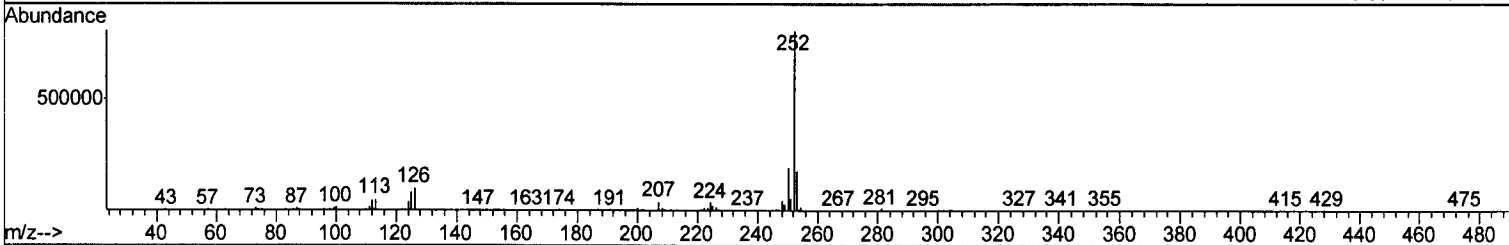
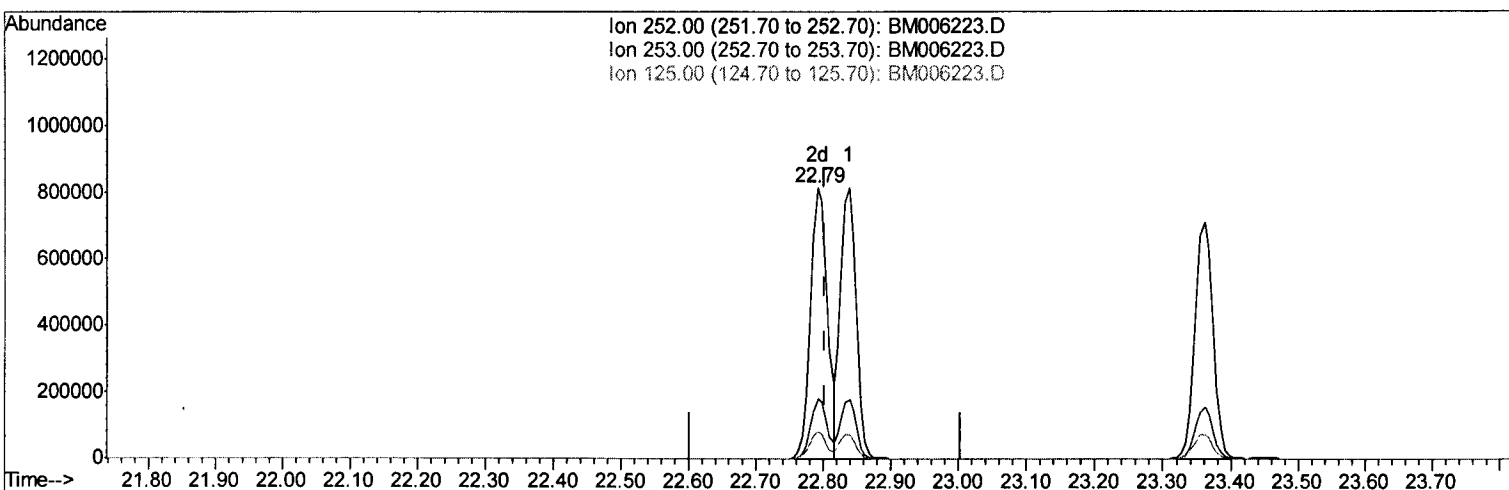
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM070216\
 Data File : BM006223.D
 Acq On : 03 Jul 2016 05:32
 Operator : UM/SJ
 Sample : SSTCCCC020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 LabSampleId :
 SSTD02067

Manual Integration

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Quant Time: Jul 03 06:05:01 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM070216.M
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 Response via : Initial Calibration



TIC: BM006223.D

(85) Benzo(b)fluoranthene

22.792min (-0.012) 20.87ng/ul m *U.M*
07/05/16
 response 1424162

Ion	Exp%	Act%
252.00	100	100
253.00	21.80	22.20
125.00	8.40	10.12#
0.00	0.00	0.00

Quantitation Report (Qedit)

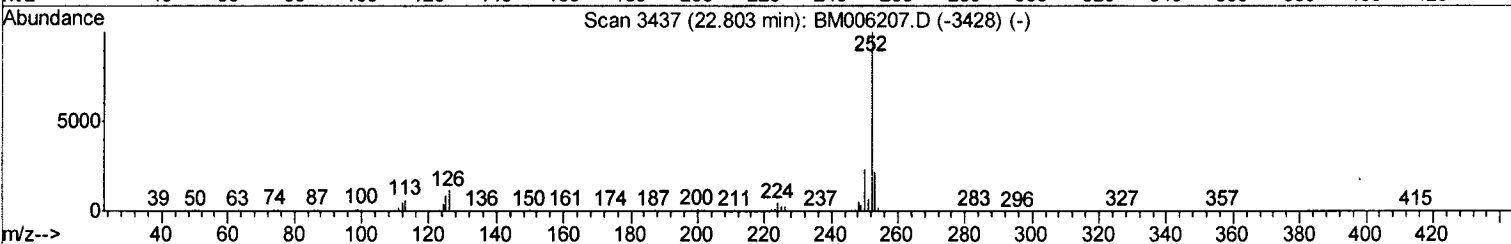
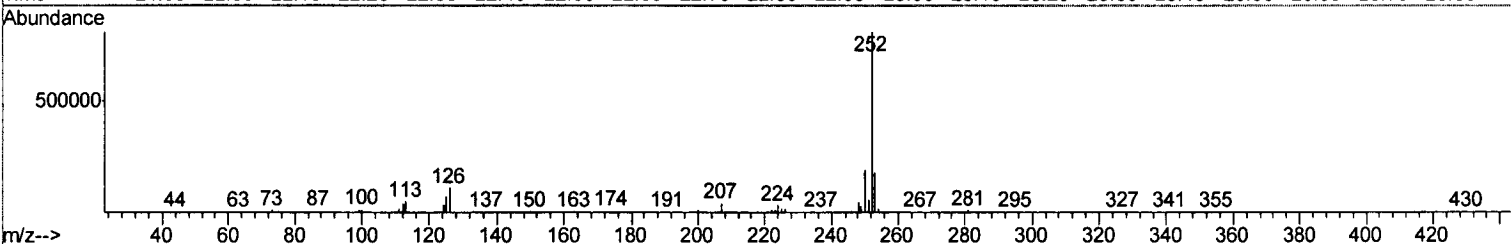
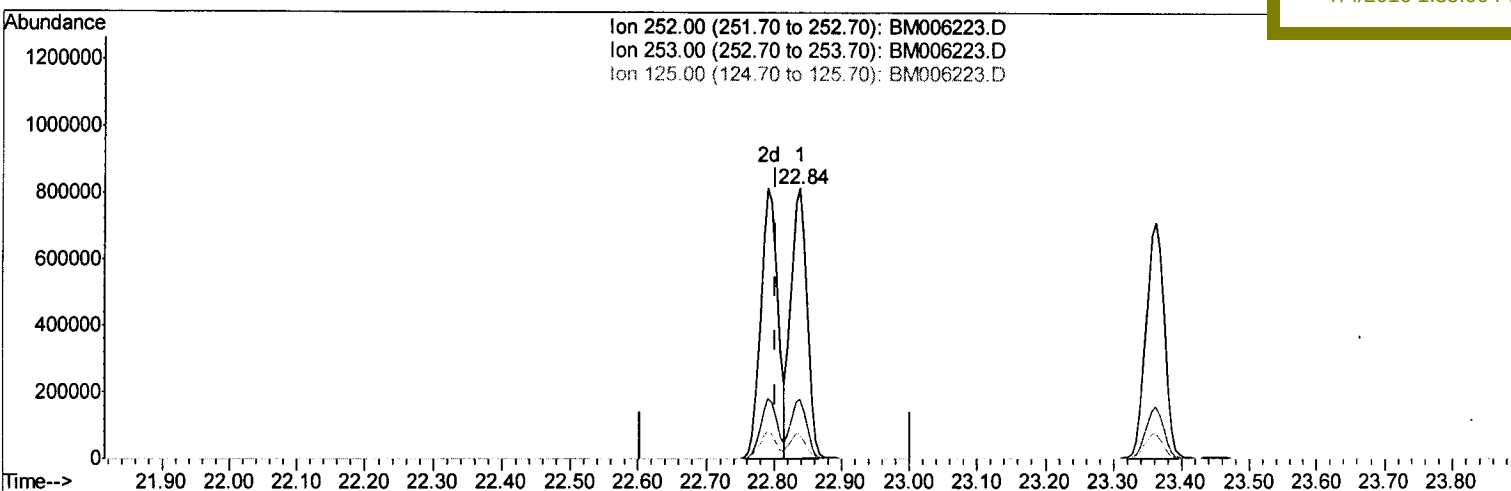
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM070216\
Data File : BM006223.D
Acq On : 03 Jul 2016 05:32
Operator : UM/SJ
Sample : SSTCCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 03 06:05:01 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM070216.M
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QLast Update : Sun Jul 03 00:59:09 2016
Response via : Initial Calibration

Instrument :
BNA_M
LabSampleId :
SSTD02067

Manual Integration

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TIC: BM006223.D

(85) Benzo(b)fluoranthene

22.839min (+0.035) 19.38ng/ul

response 1322694

Ion	Exp%	Act%
252.00	100	100
253.00	21.80	21.94
125.00	8.40	8.93
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM070216\
 Data File : BM006223.D
 Acq On : 03 Jul 2016 05:32
 Operator : UM/SJ
 Sample : SSTCCCC020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA M
 LabSampleId :
 SSTD02067

Manual Integration

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Quant Time: Jul 03 06:07:25 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM070216.M
 Quant Title : SVOA CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	254400	20.00	ng/ul	0.00
18) Naphthalene-d8	10.43	136	1183319	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.30	164	681543	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.05	188	1491689	20.00	ng/ul	0.00
75) Chrysene-d12	21.24	240	1240487	20.00	ng/ul	0.00
83) Perylene-d12	23.46	264	1152407	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.16	96	46180	7.76	ng/uL	0.00
5) Phenol-d5	6.82	99	470128	19.74	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.99	67	291928	20.77	ng/ul	0.00
9) 2-Chlorophenol-d4	7.18	132	357543	19.61	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	386531	20.05	ng/ul	0.00
19) Nitrobenzene-d5	8.80	128	184629	19.58	ng/ul	0.00
22) 2-Nitrophenol-d4	9.52	143	202396	18.94	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.06	165	366630	18.93	ng/ul	0.00
29) 4-Chloroaniline-d4	10.57	131	479002	23.80	ng/ul	0.00
43) Dimethylphthalate-d6	13.71	166	1105232	19.43	ng/ul	0.00
46) Acenaphthylene-d8	13.99	160	1407743	19.99	ng/ul	0.00
51) 4-Nitrophenol-d4	14.52	143	201365	18.68	ng/ul	0.00
57) Fluorene-d10	15.30	176	940705	19.19	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.43	200	165230	18.90	ng/ul	0.00
70) Anthracene-d10	17.14	188	1374463	19.31	ng/ul	0.00
76) Pyrene-d10	19.44	212	1380340	23.33	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.32	264	1066328	19.92	ng/ul	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.19	88	50563	7.76	ng/uL#	27
4) Benzaldehyde	6.79	77	317848	23.06	ng/ul	99
6) Phenol	6.85	94	499158	20.16	ng/ul	96
8) Bis(2-Chloroethyl)ether	7.07	93	385607	21.09	ng/ul	97
10) 2-Chlorophenol	7.22	128	370727	19.64	ng/ul	98
11) 2-Methylphenol	8.09	108	386982	20.41	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.18	45	564349	20.66	ng/ul	98
14) Acetophenone	8.46	105	602747	20.51	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.45	70	330977	19.72	ng/ul	98
16) 4-Methylphenol	8.42	108	414560	20.14	ng/ul	100
17) Hexachloroethane	8.72	117	150268	19.45	ng/ul	95
20) Nitrobenzene	8.85	77	475774	19.40	ng/ul	97
21) Isophorone	9.36	82	923067	19.75	ng/ul	100
23) 2-Nitrophenol	9.55	139	224729	19.52	ng/ul	97
24) 2,4-Dimethylphenol	9.62	107	466978	19.19	ng/ul	97
25) Bis(2-Chloroethoxy)methane	9.85	93	558476	20.00	ng/ul	100
27) 2,4-Dichlorophenol	10.08	162	368686	19.24	ng/ul	98
28) Naphthalene	10.48	128	1192459	19.59	ng/ul	98
30) 4-Chloroaniline	10.59	127	498975	23.86	ng/ul	98
31) Hexachlorobutadiene	10.76	225	222434	18.57	ng/ul	99
32) Caprolactam	11.35	113	138046m	18.18	ng/ul	99
33) 4-Chloro-3-methylphenol	11.73	107	438963	18.77	ng/ul	99
34) 2-Methylnaphthalene	12.10	142	890156	19.26	ng/ul	98

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 07/05/16

Quantitation Report (QT Reviewed)

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Manual Integration

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 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM070216.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Jul 03 00:59:09 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.47	216	452190	19.96	ng/ul	99
37) Hexachlorocyclopentadiene	12.45	237	229927	17.85	ng/ul	100
38) 2,4,6-Trichlorophenol	12.72	196	313473	19.58	ng/ul	97
39) 2,4,5-Trichlorophenol	12.79	196	331221	19.81	ng/ul	99
40) 1,1'-Biphenyl	13.12	154	1151080	20.48	ng/ul	99
41) 2-Chloronaphthalene	13.16	162	884517	20.19	ng/ul	100
42) 2-Nitroaniline	13.38	65	328154	19.63	ng/ul	95
44) Dimethylphthalate	13.76	163	1109334	19.40	ng/ul	100
45) 2,6-Dinitrotoluene	13.88	165	237741	19.19	ng/ul	100
47) Acenaphthylene	14.02	152	1463976	19.80	ng/ul	100
48) 3-Nitroaniline	14.21	138	251185	22.19	ng/ul	99
49) Acenaphthene	14.36	153	925082	19.70	ng/ul	99
50) 2,4-Dinitrophenol	14.43	184	111500	16.16	ng/ul	91
52) 4-Nitrophenol	14.53	109	185859	17.15	ng/ul	95
53) Dibenzofuran	14.70	168	1319034	19.68	ng/ul	100
54) 2,4-Dinitrotoluene	14.67	165	331162	18.92	ng/ul	98
55) 2,3,4,6-Tetrachlorophenol	14.93	232	281882	18.69	ng/ul	95
56) Diethylphthalate	15.13	149	1133985	19.00	ng/ul	99
58) Fluorene	15.35	166	1014715	18.88	ng/ul	100
59) 4-Chlorophenyl-phenylether	15.35	204	497084	18.84	ng/ul	99
60) 4-Nitroaniline	15.38	138	265957	19.92	ng/ul	94
63) 4,6-Dinitro-2-methylphenol	15.44	198	180848	19.26	ng/ul	94
64) N-Nitrosodiphenylamine	15.56	169	923336	20.49	ng/ul	100
65) 4-Bromophenyl-phenylether	16.24	248	332578	19.92	ng/ul	99
66) Hexachlorobenzene	16.36	284	362094	19.64	ng/ul	99
67) Atrazine	16.52	200	330173	19.83	ng/ul	99
68) Pentachlorophenol	16.70	266	181113	18.48	ng/ul	97
69) Phenanthrene	17.09	178	1629614	19.59	ng/ul	100
71) Anthracene	17.18	178	1667141	19.40	ng/ul	99
72) Carbazole	17.46	167	1464094	20.32	ng/ul	99
73) Di-n-butylphthalate	18.02	149	1875645	18.95	ng/ul	100
74) Fluoranthene	19.11	202	1775302	19.17	ng/ul	98
77) Pyrene	19.47	202	1812267	23.30	ng/ul	98
78) Butylbenzylphthalate	20.38	149	764478	21.51	ng/ul	98
79) 3,3'-Dichlorobenzidine	21.16	252	492681	21.48	ng/ul	99
80) Benzo(a)anthracene	21.23	228	1506807	19.80	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.16	149	992905	20.83	ng/ul	100
82) Chrysene	21.28	228	1365795	19.66	ng/ul	99
84) Di-n-octyl phthalate	22.03	149	1680154	24.54	ng/ul	99
85) Benzo(b)fluoranthene	22.79	252	1424162m	20.87	ng/ul	
86) Benzo(k)fluoranthene	22.84	252	1322694	20.83	ng/ul	99
88) Benzo(a)pyrene	23.36	252	1329813	20.14	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.68	276	1481714	19.61	ng/ul	98
90) Dibenzo(a,h)anthracene	25.69	278	1235765	19.84	ng/ul	98
91) Benzo(g,h,i)perylene	26.36	276	1271768	19.52	ng/ul	98

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