

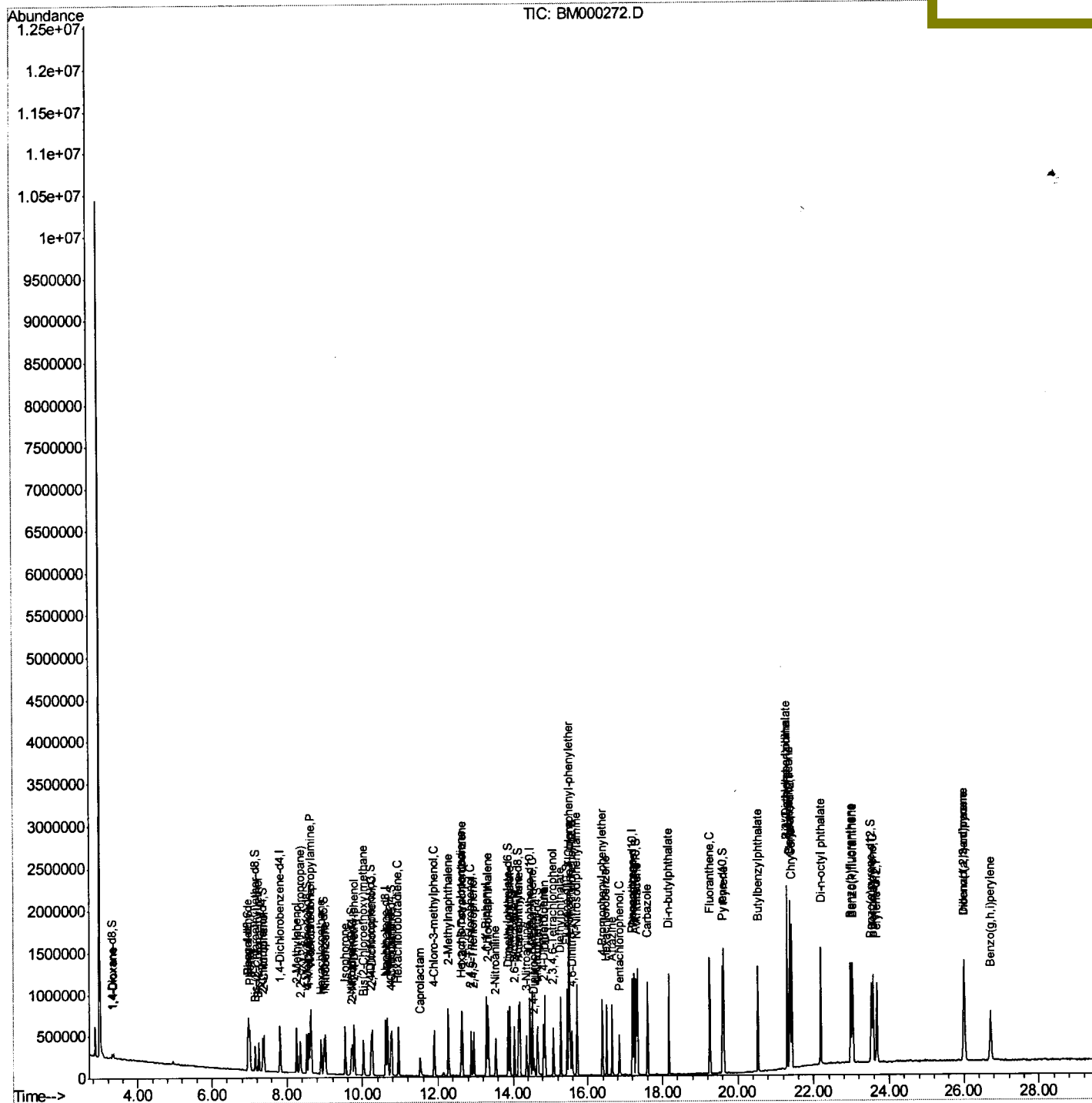
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Data Path   : Z:\HPCHEM1\BNA_M\Data\BM012015\  
Data File  : BM000272.D  
Acq On     : 20 Jan 2015   20:24  
Operator   : TP/IZ  
Sample     : SSTD02039  
Misc       :  
ALS Vial   : 2      Sample Multiplier: 1
```

Instrument :
LabSampleId :
SSTD02039

Quant Time: Jan 21 02:27:25 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-BM122914.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jan 21 02:17:41 2015
Response via : Initial Calibration

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.65	216	184455	22.24	ng/ul#	96
37) Hexachlorocyclopentadiene	12.62	237	115098	22.31	ng/ul	99
38) 2,4,6-Trichlorophenol	12.89	196	107895	20.39	ng/ul	95
39) 2,4,5-Trichlorophenol	12.95	196	116053	20.20	ng/ul	98
40) 1,1'-Biphenyl	13.29	154	448336	20.79	ng/ul	99
41) 2-Chloronaphthalene	13.33	162	356931	21.60	ng/ul	97
42) 2-Nitroaniline	13.53	65	119538	21.22	ng/ul	95
44) Dimethylphthalate	13.91	163	431927	19.65	ng/ul	98
45) 2,6-Dinitrotoluene	14.03	165	79633	20.26	ng/ul#	82
47) Acenaphthylene	14.18	152	568663	20.40	ng/ul	99
48) 3-Nitroaniline	14.36	138	83829	20.09	ng/ul	99
49) Acenaphthene	14.52	153	363601	20.47	ng/ul	100
50) 2,4-Dinitrophenol	14.57	184	32885	17.15	ng/ul#	77
52) 4-Nitrophenol	14.66	109	96358	20.23	ng/ul	91
53) Dibenzofuran	14.86	168	522840	20.32	ng/ul	93
54) 2,4-Dinitrotoluene	14.82	165	124144	21.16	ng/ul	98
55) 2,3,4,6-Tetrachlorophenol	15.08	232	96447	19.46	ng/ul	98
56) Diethylphthalate	15.27	149	449685	19.47	ng/ul	98
58) Fluorene	15.50	166	435586	20.40	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.50	204	214959	20.42	ng/ul	98
60) 4-Nitroaniline	15.52	138	91200	19.51	ng/ul	98
63) 4,6-Dinitro-2-methylphenol	15.58	198	56824	18.47	ng/ul#	88
64) N-Nitrosodiphenylamine	15.71	169	359870	19.69	ng/ul	96
65) 4-Bromophenyl-phenylether	16.39	248	131538	20.48	ng/ul#	89
66) Hexachlorobenzene	16.51	284	153414	20.72	ng/ul	96
67) Atrazine	16.66	200	126467	17.80	ng/ul	95
68) Pentachlorophenol	16.85	266	71387	16.01	ng/ul	92
69) Phenanthrene	17.24	178	691344	20.26	ng/ul	99
71) Anthracene	17.33	178	715875	20.41	ng/ul	99
72) Carbazole	17.60	167	627356	19.79	ng/ul	99
73) Di-n-butylphthalate	18.16	149	715028	18.97	ng/ul#	98
74) Fluoranthene	19.26	202	814644	20.43	ng/ul	99
77) Pyrene	19.62	202	875269	20.10	ng/ul	98
78) Butylbenzylphthalate	20.52	149	309605	17.50	ng/ul	91
79) 3,3'-Dichlorobenzidine	21.30	252	228839	17.97	ng/ul	97
80) Benzo(a)anthracene	21.37	228	842847	20.21	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.30	149	469067	18.22	ng/ul	99
82) Chrysene	21.42	228	784835	20.42	ng/ul	97
84) Di-n-octyl phthalate	22.19	149	820839	18.20	ng/ul	100
85) Benzo(b)fluoranthene	22.99	252	832104	18.77	ng/ul	99
86) Benzo(k)fluoranthene	23.03	252	837911m	22.13	ng/ul	99
88) Benzo(a)pyrene	23.57	252	789176	20.26	ng/ul	98
89) Indeno(1,2,3-cd)pyrene	25.99	276	901520	22.19	ng/ul	97
90) Dibenzo(a,h)anthracene	26.01	278	758537	22.17	ng/ul	97
91) Benzo(g,h,i)perylene	26.71	276	762683	22.85	ng/ul	99

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

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	121427	20.00	ng/ul	0.00
18) Naphthalene-d8	10.61	136	472011	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.46	164	299175	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.20	188	630303	20.00	ng/ul	0.00
75) Chrysene-d12	21.39	240	722361	20.00	ng/ul	0.00
83) Perylene-d12	23.67	264	694817	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.31	96	20628	9.85	ng/uL	0.00
5) Phenol-d5	6.98	99	187660	18.37	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.15	67	131161	20.31	ng/ul	0.00
9) 2-Chlorophenol-d4	7.35	132	139675	18.65	ng/ul	0.00
13) 4-Methylphenol-d8	8.52	113	144047	17.73	ng/ul	0.00
19) Nitrobenzene-d5	8.97	128	72586	22.24	ng/ul	0.00
22) 2-Nitrophenol-d4	9.69	143	69101	20.74	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.23	165	138153	18.77	ng/ul	0.00
29) 4-Chloroaniline-d4	10.75	131	178692	21.39	ng/ul	0.00
43) Dimethylphthalate-d6	13.86	166	427806	19.39	ng/ul	0.00
46) Acenaphthylene-d8	14.15	160	541208	20.47	ng/ul	0.00
51) 4-Nitrophenol-d4	14.65	143	60281	16.79	ng/ul	0.00
57) Fluorene-d10	15.45	176	379484	20.03	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.57	200	55667	18.64	ng/ul	0.00
70) Anthracene-d10	17.30	188	587071	20.14	ng/ul	0.00
76) Pyrene-d10	19.59	212	651734	19.56	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.53	264	644024	20.42	ng/ul	0.00

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.35	88	27492	9.47 ng/uL	95
4) Benzaldehyde	6.96	77	152666	21.45 ng/ul	92
6) Phenol	7.00	94	198551	18.43 ng/ul	95
8) Bis(2-Chloroethyl)ether	7.25	93	162741	19.46 ng/ul	95
10) 2-Chlorophenol	7.39	128	146958	18.75 ng/ul	93
11) 2-Methylphenol	8.26	108	147049	17.73 ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.35	45	304026	22.12 ng/ul	98
14) Acetophenone	8.64	105	262301	18.37 ng/ul#	93
15) N-Nitroso-di-n-propylamine	8.62	70	137010	18.45 ng/ul#	86
16) 4-Methylphenol	8.58	108	152986	17.08 ng/ul	98
17) Hexachloroethane	8.90	117	75391	21.05 ng/ul	93
20) Nitrobenzene	9.02	77	230911	23.73 ng/ul	97
21) Isophorone	9.53	82	365012	19.46 ng/ul	98
23) 2-Nitrophenol	9.73	139	77952	21.19 ng/ul	90
24) 2,4-Dimethylphenol	9.78	107	192608	19.29 ng/ul	94
25) Bis(2-Chloroethoxy)methane	10.02	93	207269	19.85 ng/ul	99
27) 2,4-Dichlorophenol	10.26	162	140948	19.18 ng/ul	99
28) Naphthalene	10.66	128	472663	19.64 ng/ul	99
30) 4-Chloroaniline	10.77	127	185455	21.58 ng/ul	99
31) Hexachlorobutadiene	10.95	225	109815	21.08 ng/ul	94
32) Caprolactam	11.52	113	38388m	16.15 ng/ul	
33) 4-Chloro-3-methylphenol	11.89	107	160577	17.81 ng/ul	99
34) 2-Methylnaphthalene	12.27	142	336541	18.86 ng/ul	97

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Quantitation Report (Qedit)

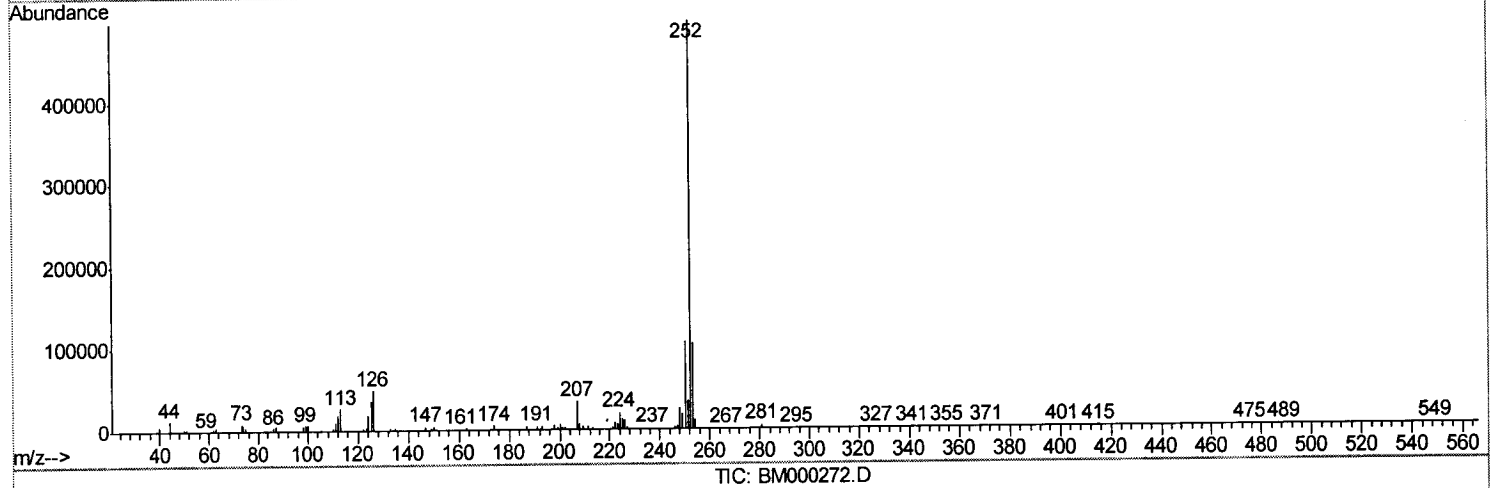
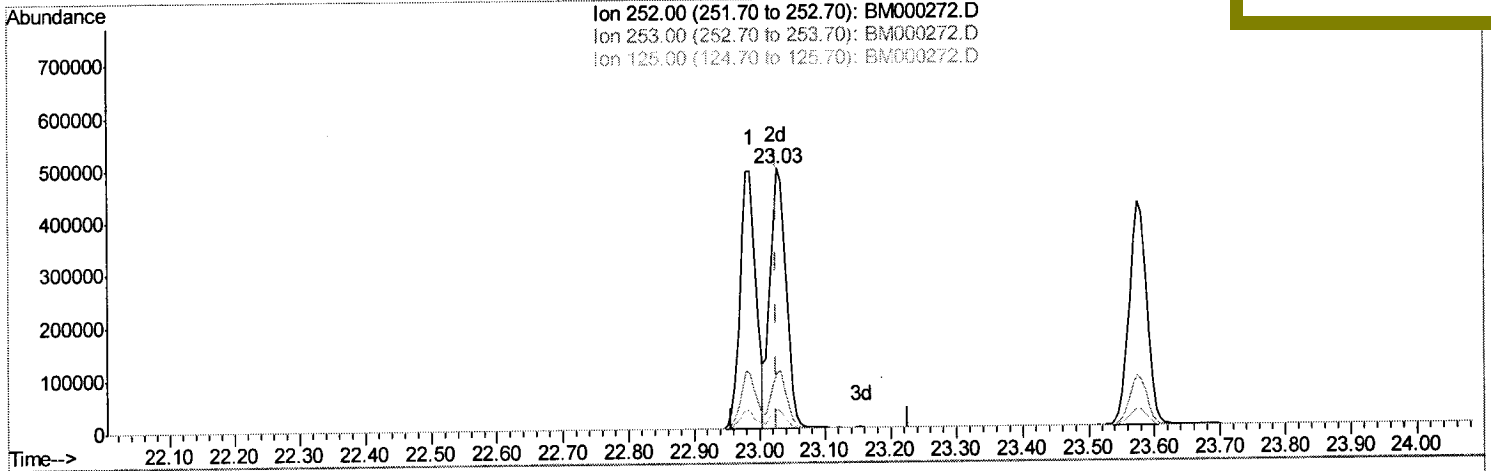
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 1/22/2015 5:09:58 PM



(86) Benzo(k)fluoranthene
 23.027min (0.000) 22.13ng/ul m
 response 837911
 Ion Exp% Act%
 252.00 100 100
 253.00 21.50 21.21
 125.00 6.10 7.39#
 0.00 0.00 0.00

T.P
 01/23/15

Quantitation Report (Qedit)

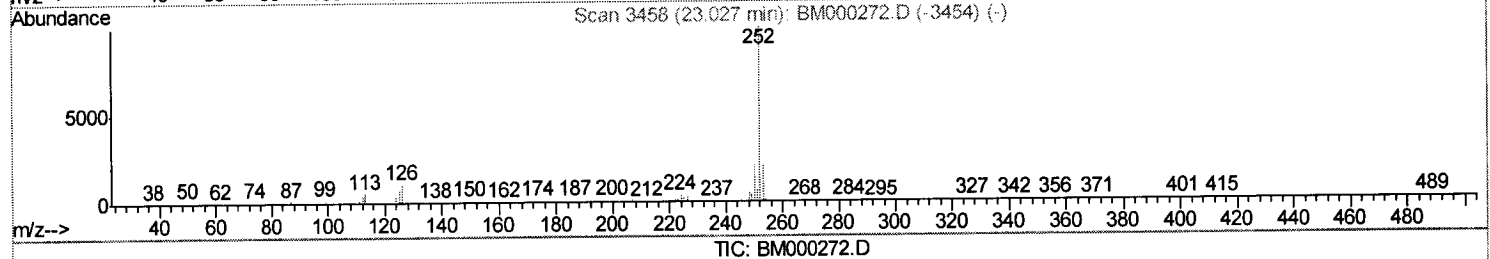
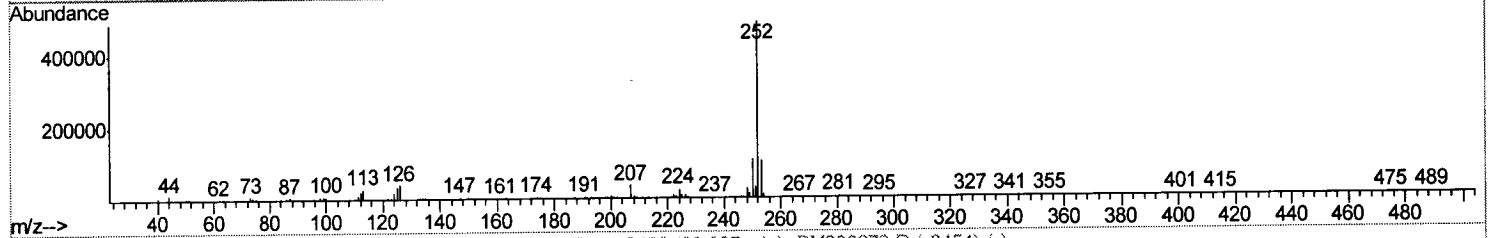
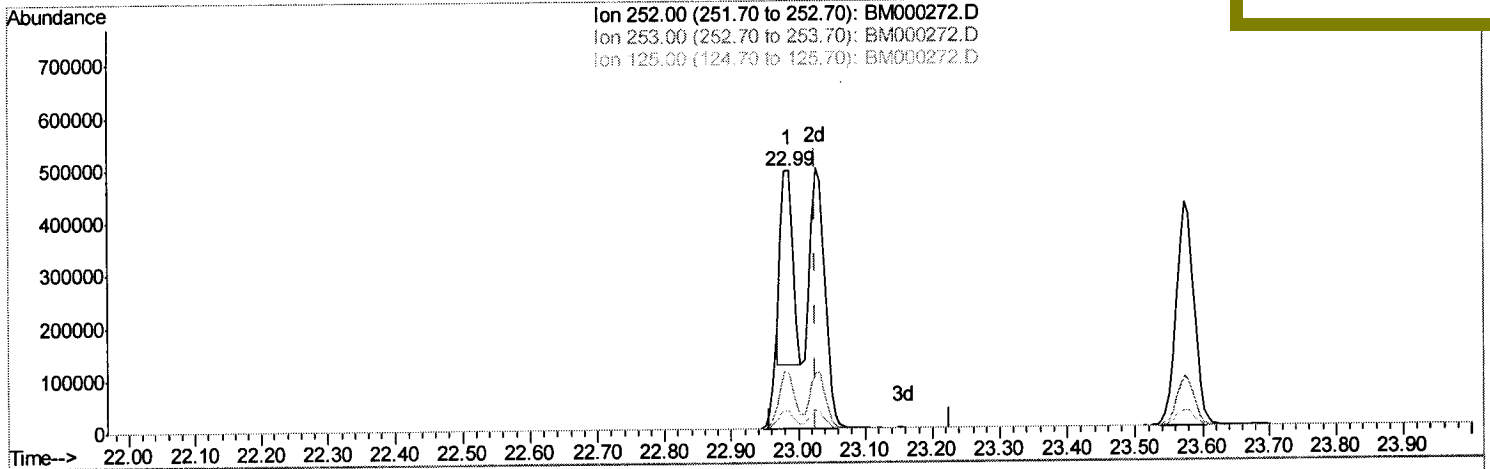
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 1/22/2015 5:09:58 PM



(86) Benzo(k)fluoranthene
 22.986min (-0.041) 12.27ng/ul
 response 464672

Ion	Exp%	Act%
252.00	100	100
253.00	21.50	21.25
125.00	6.10	7.00
0.00	0.00	0.00

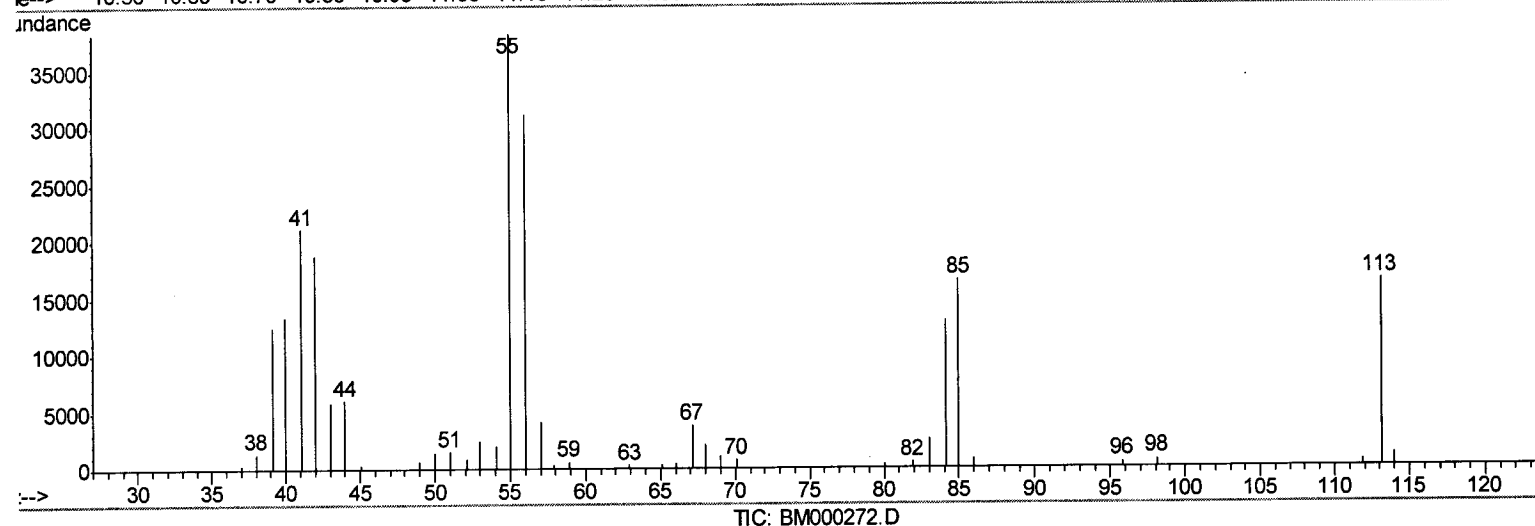
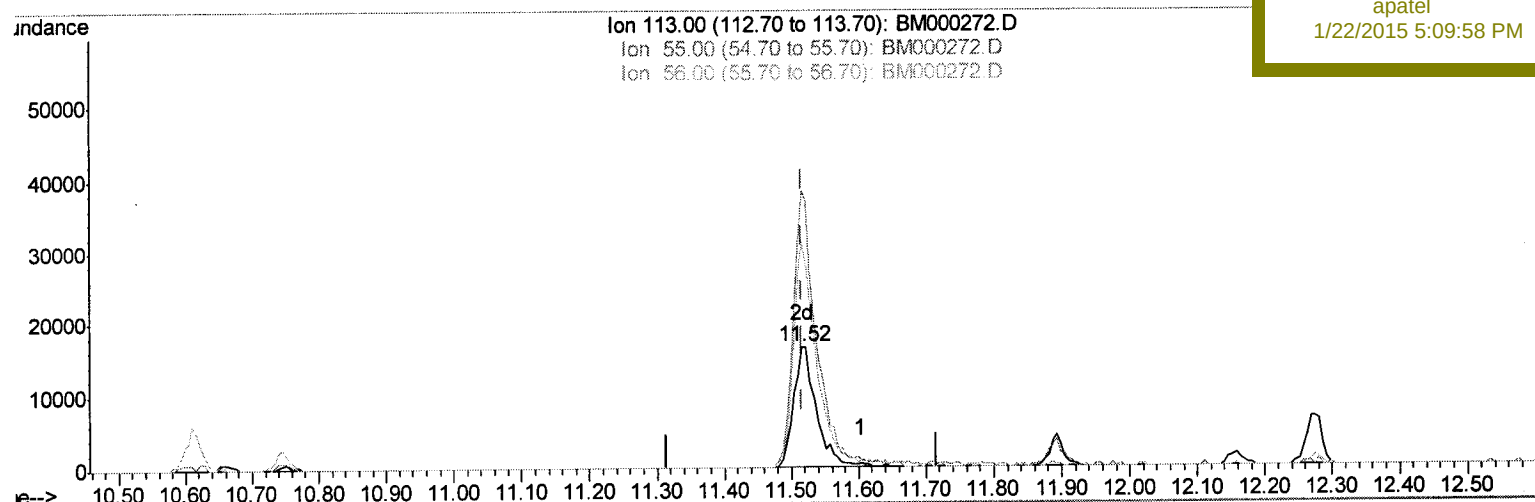
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(32) Caprolactam

11.516min (0.000) 16.15ng/ul m

response 38388

Ion	Exp%	Act%
113.00	100	100
55.00	195.70	233.84
56.00	157.90	189.86#
0.00	0.00	0.00

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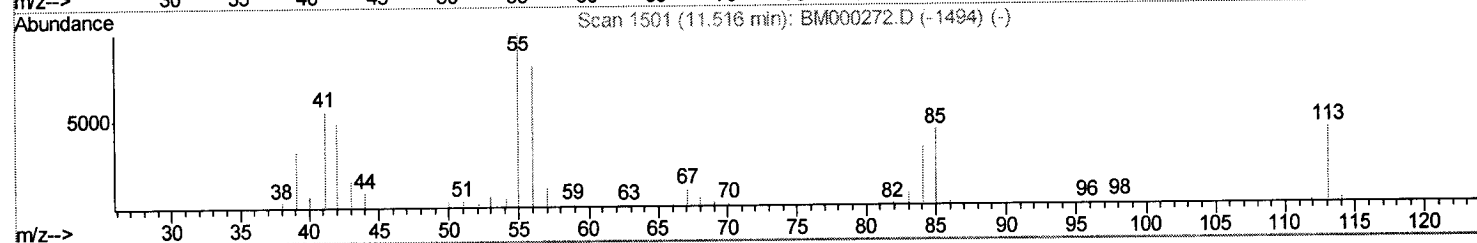
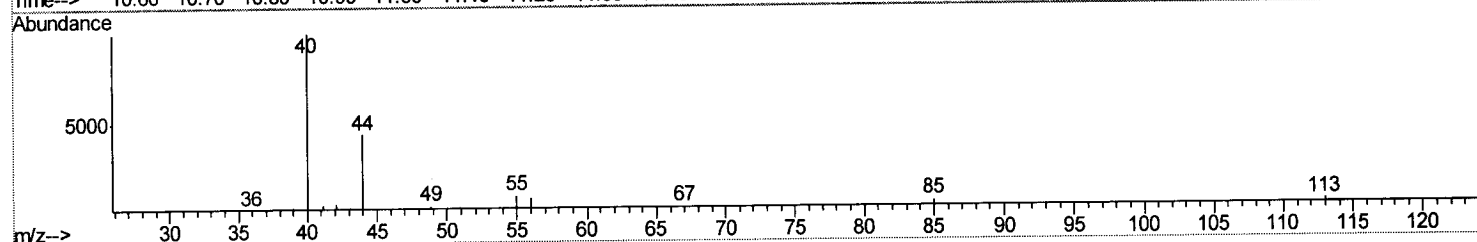
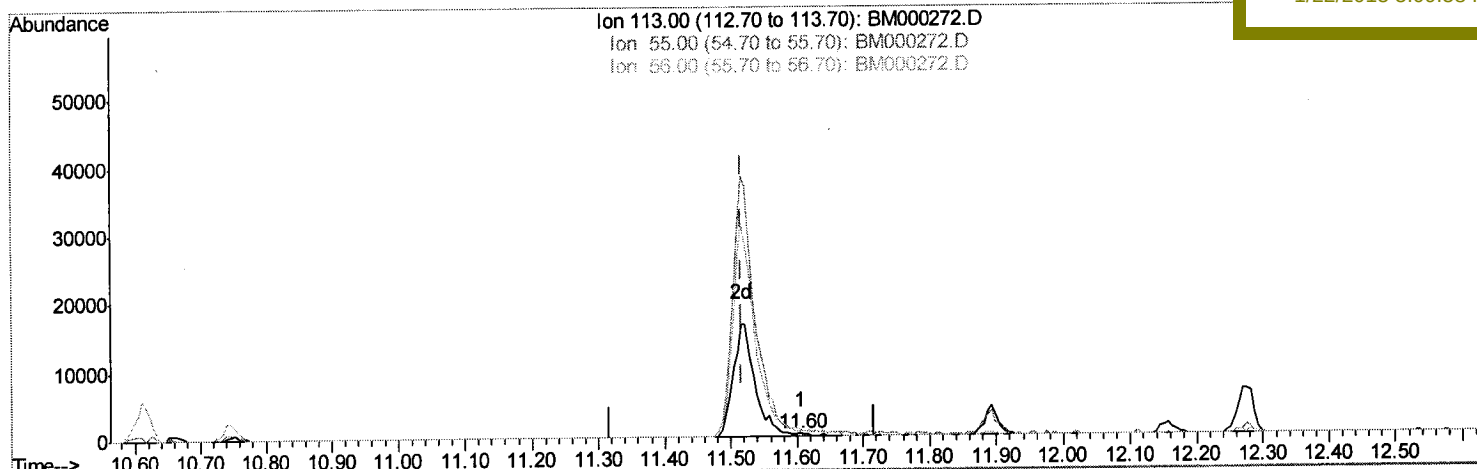
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 1/22/2015 5:09:58 PM



TIC: BM000272.D

(32) Caprolactam

11.604min (+0.088) 0.18ng/ul

response 420

Ion	Exp%	Act%
113.00	100	100
55.00	195.70	192.31
56.00	157.90	164.23
0.00	0.00	0.00