

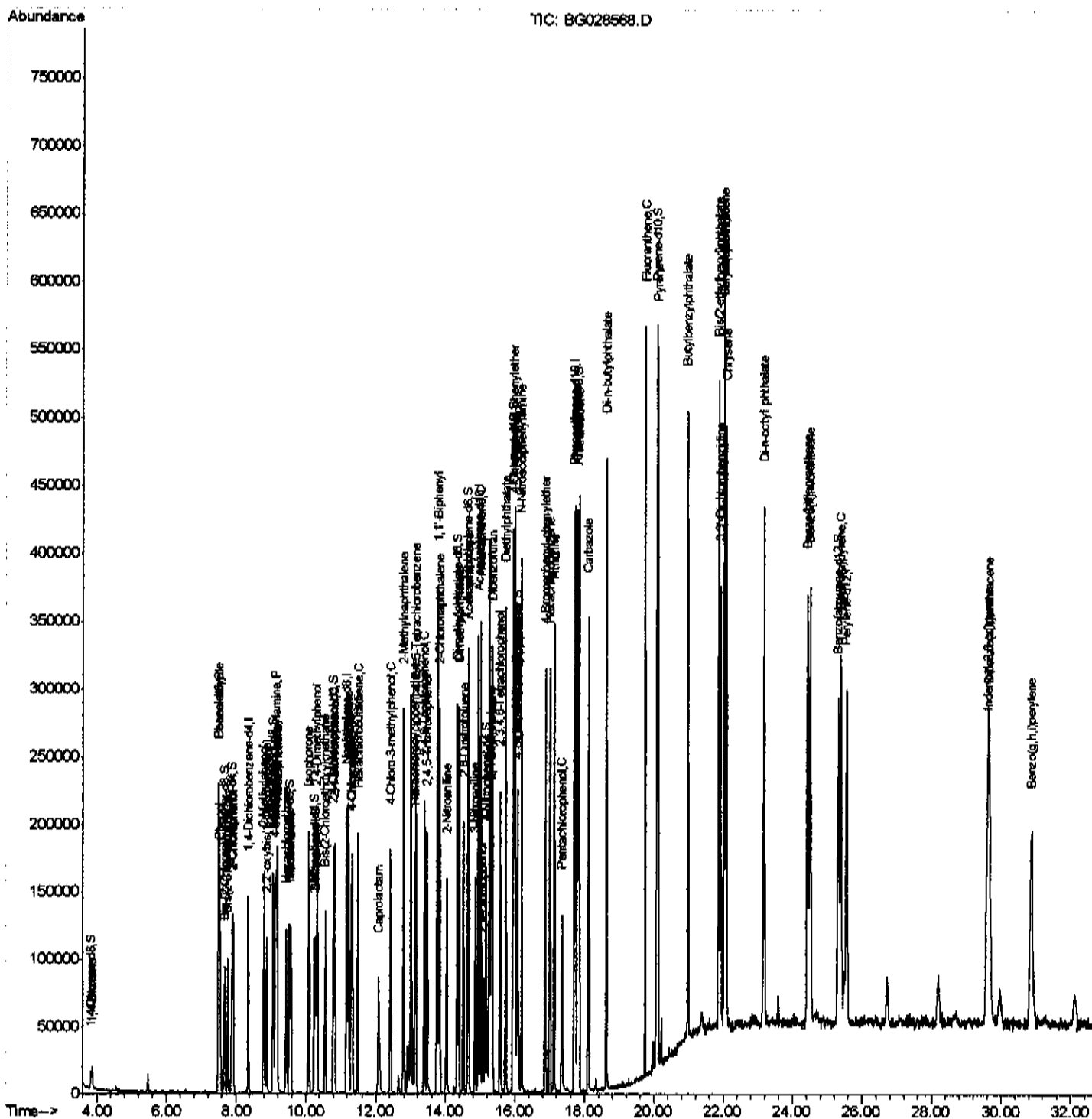
Instrument :
BNA_G
LabSampleId :
SSTD02096

```
Data Path : Z:\HPCHEM1\BNA_G\Data\BG083017\  
Data File : BG028568.D  
Acq On    : 31 Aug 2017    2:16  
Operator  : SJ/JU  
Sample    : SSTDCCC020  
Misc      :  
ALS Vial  : 100    Sample Multiplier: 1
```

Manual Integrations

Sohil
8/31/2017 7:18:14 PM

Quant Time: Aug 31 16:02:27 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 31 04:17:10 2017
Response via : Initial Calibration



Quantitation Report (Qedit)

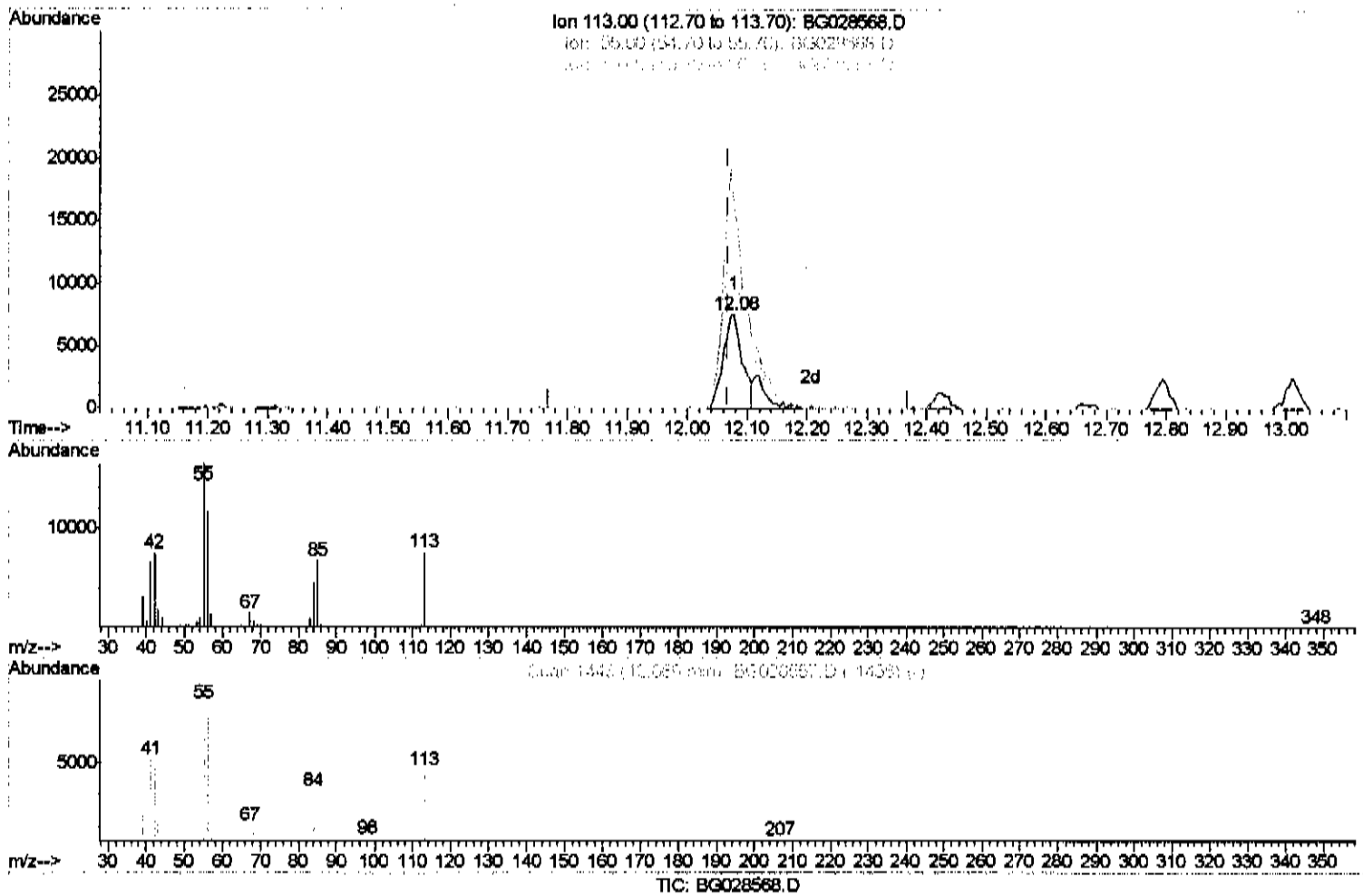
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Manual Integrations
 APPROVED

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Quant Time: Aug 31 15:58:13 2017
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(32) Caprolactam

12.077min (+0.008) 14.34ng/ul

response 16900

Ion	Exp%	Act%
113.00	100	100
55.00	210.70	215.02
56.00	160.60	154.10
0.00	0.00	0.00

Quantitation Report (Qedit)

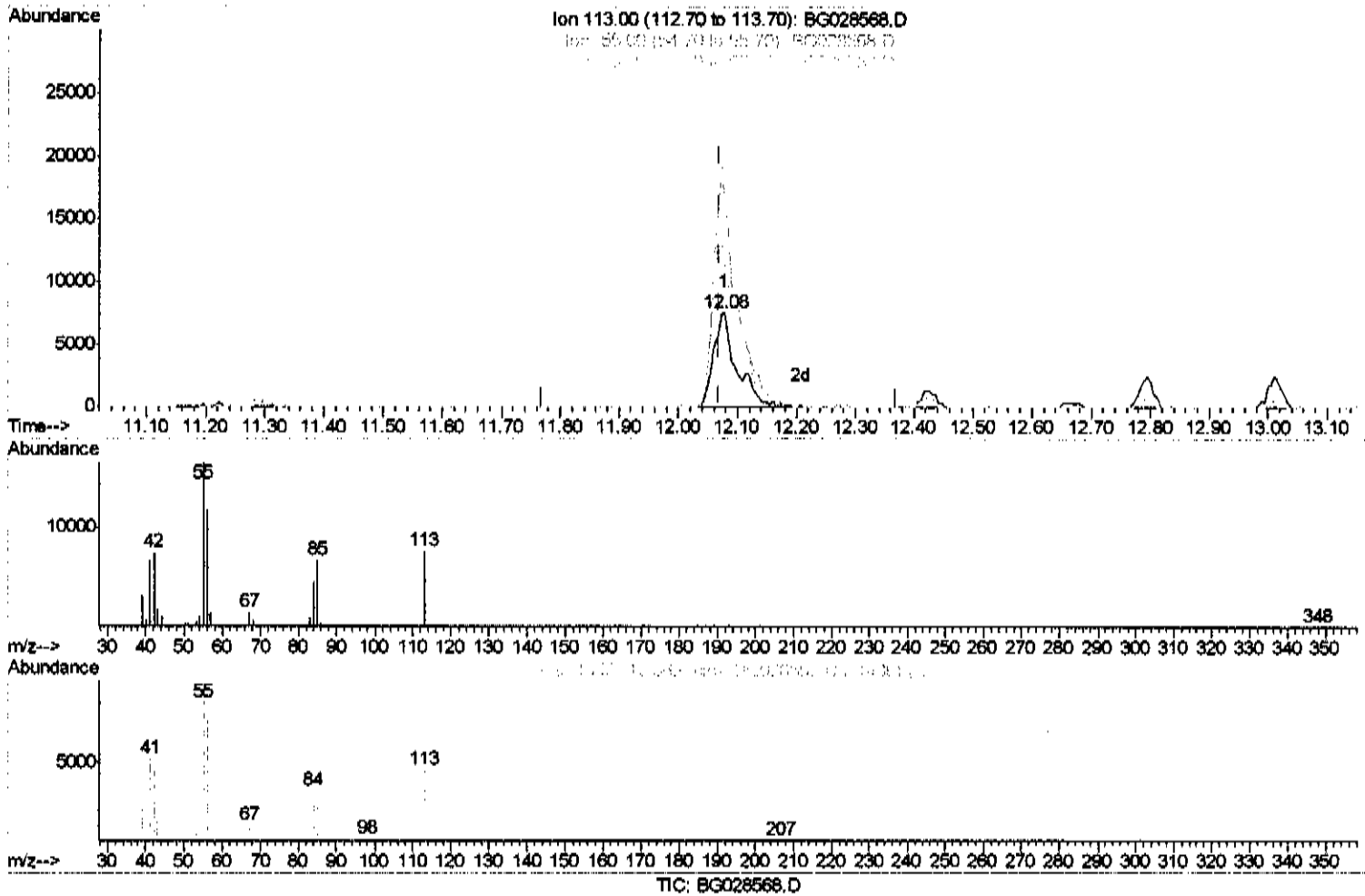
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(32) Caprolactam

12.077min (+0.008) 17.26ng/ul m

response 20350

Ion	Exp%	Act%
113.00	100	100
55.00	210.70	215.02
56.00	160.60	154.10
0.00	0.00	0.00

Quantitation Report (Qedit)

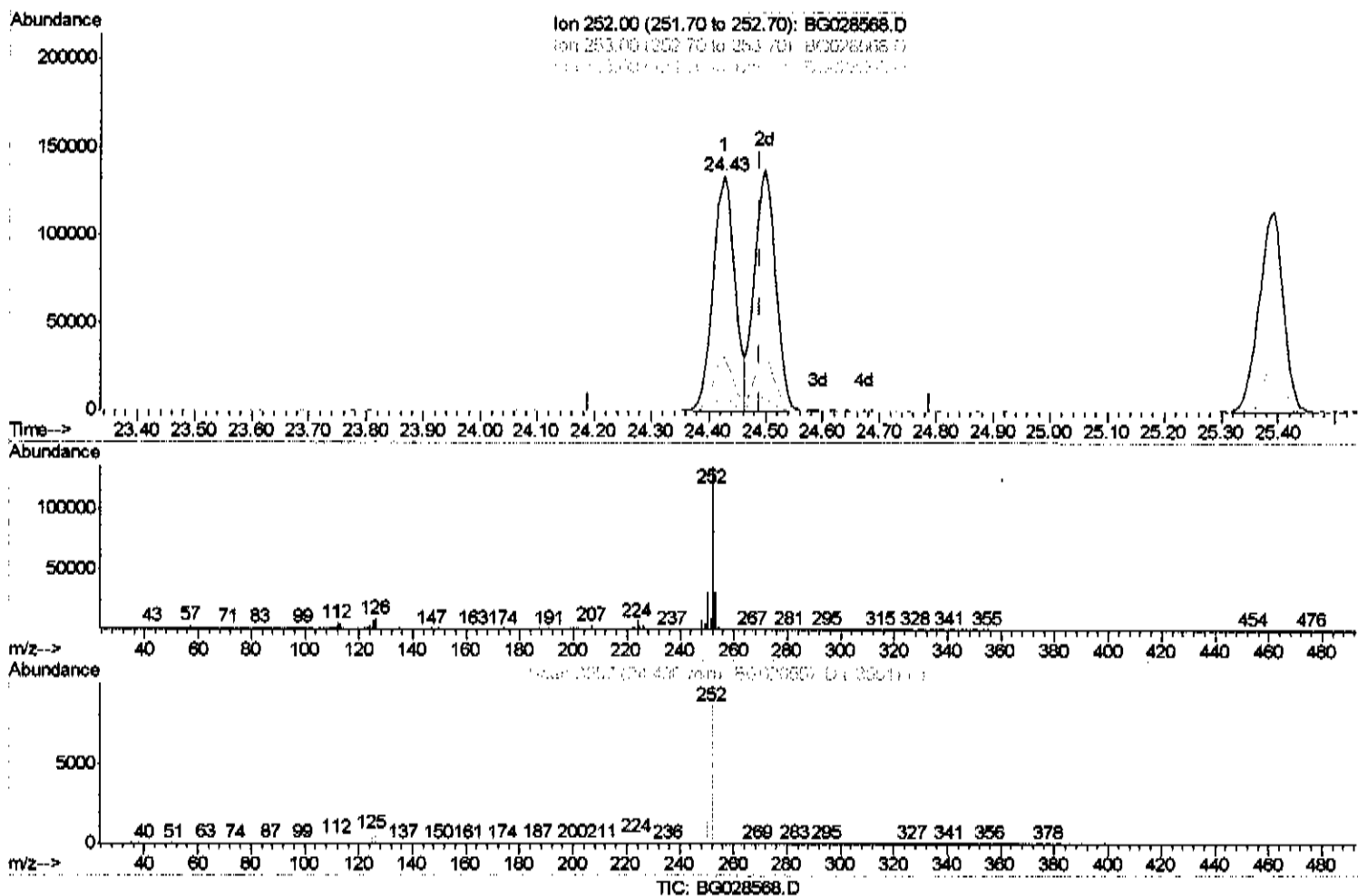
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 Sample : SSTDCCC020
 Misc :
 ALS Vial : 100 Sample Multiplier: 1

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 LabSampleId :
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Manual Integrations
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(86) Benzo(k)fluoranthene

24.428min (-0.062) 20.13ng/ul

response 366012

Ion	Exp%	Act%
252.00	100	100
253.00	23.10	23.41
125.00	5.10	5.45
0.00	0.00	0.00

Quantitation Report (Qedit)

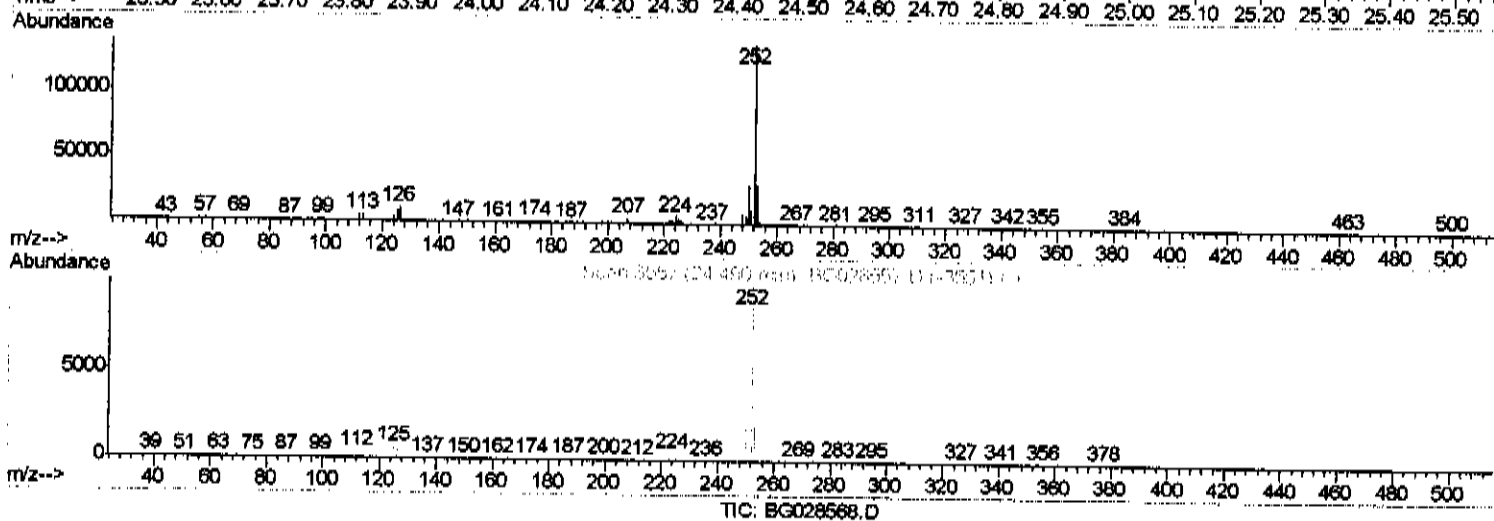
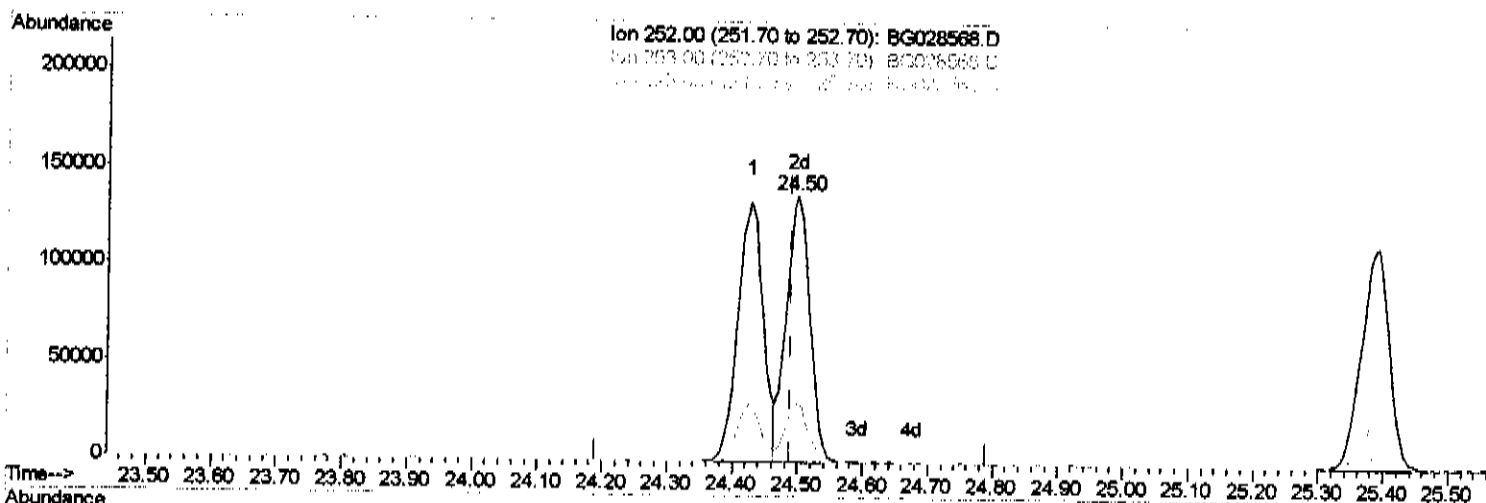
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(86) Benzo(k)fluoranthene

24.498min (+0.008) 19.12ng/ul m

response 347598

Ion	Exp%	Act%
252.00	100	100
253.00	23.10	22.90
125.00	5.10	6.35#
0.00	0.00	0.00

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.34	152	40168	20.00	ng/ul	0.00
18) Naphthalene-d8	11.16	136	175559	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.95	164	117777	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.71	188	277604	20.00	ng/ul	0.00
75) Chrysene-d12	22.04	240	316707	20.00	ng/ul	0.00
83) Perylene-d12	25.56	264	311039	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.83	96	6505	7.54	ng/uL	0.00
5) Phenol-d5	7.49	99	75000	17.00	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.66	67	50344	18.02	ng/ul	0.00
9) 2-Chlorophenol-d4	7.88	132	56336	20.24	ng/ul	0.00
13) 4-Methylphenol-d8	9.04	113	64948	17.62	ng/ul	0.00
19) Nitrobenzene-d5	9.51	128	28082	20.46	ng/ul	0.00
22) 2-Nitrophenol-d4	10.23	143	32840	21.82	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.78	165	65130	20.91	ng/ul	0.00
29) 4-Chloroaniline-d4	11.30	131	72607	20.95	ng/ul	0.00
43) Dimethylphthalate-d6	14.34	166	200270	19.12	ng/ul	0.00
46) Acenaphthylene-d8	14.65	160	240358	20.35	ng/ul	0.00
51) 4-Nitrophenol-d4	15.16	143	27151	16.30	ng/ul	0.00
57) Fluorene-d10	15.94	176	181470	19.31	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.07	200	34032	18.87	ng/ul	0.00
70) Anthracene-d10	17.81	188	273801	20.57	ng/ul	0.00
76) Pyrene-d10	20.08	212	302816	18.65	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.30	264	286105	19.65	ng/ul	0.00

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.86	88	7828	8.640 ng/uL#	72
4) Benzaldehyde	7.48	77	51811	20.322 ng/ul	90
6) Phenol	7.52	94	75100	17.129 ng/ul	95
8) Bis(2-Chloroethyl)ether	7.75	93	55756	18.669 ng/ul	96
10) 2-Chlorophenol	7.91	128	52432	19.333 ng/ul	93
11) 2-Methylphenol	8.78	108	55247	17.852 ng/ul	83
12) 2,2'-oxybis(1-Chloropropan	8.86	45	109683	15.129 ng/ul	97
14) Acetophenone	9.16	105	91981	17.492 ng/ul	90
15) N-Nitroso-di-n-propylamine	9.13	70	51453	17.217 ng/ul	91
16) 4-Methylphenol	9.10	108	59327	16.978 ng/ul	100
17) Hexachloroethane	9.43	117	23667	21.060 ng/ul	90
20) Nitrobenzene	9.56	77	75743	19.060 ng/ul	95
21) Isophorone	10.07	82	140623	18.626 ng/ul	97
23) 2-Nitrophenol	10.27	139	32691	21.514 ng/ul	87
24) 2,4-Dimethylphenol	10.31	107	75542	20.001 ng/ul	95
25) Bis(2-Chloroethoxy)methane	10.54	93	78457	19.078 ng/ul#	91
27) 2,4-Dichlorophenol	10.81	162	59267	20.906 ng/ul	91
28) Naphthalene	11.21	128	176216	20.266 ng/ul	98
30) 4-Chloroaniline	11.32	127	70876	21.093 ng/ul	96
31) Hexachlorobutadiene	11.48	225	47897	22.889 ng/ul	91
32) Caprolactam	12.08	113	20350m	17.263 ng/ul	98
33) 4-Chloro-3-methylphenol	12.42	107	69355	19.166 ng/ul	98
34) 2-Methylnaphthalene	12.79	142	135044	19.336 ng/ul	94

8/31/17

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.16	216	86980	22.912	ng/ul	98
37) Hexachlorocyclopentadiene	13.13	237	53914	25.738	ng/ul	96
38) 2,4,6-Trichlorophenol	13.39	196	56657	23.945	ng/ul	98
39) 2,4,5-Trichlorophenol	13.48	196	58782	22.792	ng/ul	98
40) 1,1'-Biphenyl	13.78	154	180178	20.946	ng/ul	96
41) 2-Chloronaphthalene	13.83	162	142998	21.036	ng/ul	96
42) 2-Nitroaniline	14.04	65	54735	19.205	ng/ul	94
44) Dimethylphthalate	14.39	163	182112	18.881	ng/ul	100
45) 2,6-Dinitrotoluene	14.52	165	39770	19.971	ng/ul	97
47) Acenaphthylene	14.68	152	228035	20.203	ng/ul	97
48) 3-Nitroaniline	14.86	138	35636	19.873	ng/ul#	93
49) Acenaphthene	15.02	153	153243	20.122	ng/ul	94
50) 2,4-Dinitrophenol	15.07	184	22319	19.891	ng/ul#	81
52) 4-Nitrophenol	15.17	109	26447	15.325	ng/ul	82
53) Dibenzofuran	15.35	168	220469	19.856	ng/ul	98
54) 2,4-Dinitrotoluene	15.31	165	59560	19.735	ng/ul#	79
55) 2,3,4,6-Tetrachlorophenol	15.58	232	50123	20.868	ng/ul	96
56) Diethylphthalate	15.74	149	200607	17.729	ng/ul	99
58) Fluorene	16.00	166	187545	19.078	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.98	204	103036	19.536	ng/ul	87
60) 4-Nitroaniline	16.02	138	37210	17.490	ng/ul	88
63) 4,6-Dinitro-2-methylphenol	16.08	198	35127	19.210	ng/ul#	94
64) N-Nitrosodiphenylamine	16.19	169	153238	20.982	ng/ul	97
65) 4-Bromophenyl-phenylether	16.88	248	70310	23.565	ng/ul	95
66) Hexachlorobenzene	17.01	284	73622	23.179	ng/ul	93
67) Atrazine	17.14	200	66973	21.034	ng/ul	97
68) Pentachlorophenol	17.35	266	30056	18.682	ng/ul	90
69) Phenanthrene	17.75	178	281903	20.178	ng/ul	99
71) Anthracene	17.84	178	295664	20.707	ng/ul	99
72) Carbazole	18.11	167	248048	19.975	ng/ul	97
73) Di-n-butylphthalate	18.63	149	308445	19.953	ng/ul	98
74) Fluoranthene	19.74	202	338861	19.958	ng/ul	99
77) Pyrene	20.11	202	355399	18.809	ng/ul	99
78) Butylbenzylphthalate	20.97	149	139676	19.732	ng/ul	93
79) 3,3'-Dichlorobenzidine	21.91	252	134500	22.012	ng/ul	100
80) Benzo(a)anthracene	22.02	228	360755	19.714	ng/ul	97
81) Bis(2-ethylhexyl)phthalate	21.87	149	199288	19.796	ng/ul	99
82) Chrysene	22.09	228	325611	19.757	ng/ul	98
84) Di-n-octyl phthalate	23.17	149	337631	18.113	ng/ul	100
85) Benzo(b)fluoranthene	24.43	252	366012	19.664	ng/ul	98
86) Benzo(k)fluoranthene	24.50	252	347598m	19.119	ng/ul	98
88) Benzo(a)pyrene	25.39	252	347183	19.265	ng/ul#	98
89) Indeno(1,2,3-cd)pyrene	29.60	276	427809	20.272	ng/ul	99
90) Dibenzo(a,h)anthracene	29.65	278	363763	20.565	ng/ul	98
91) Benzo(g,h,i)perylene	30.86	276	349985	20.158	ng/ul	99

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