

Instrument :
BNA_M
ClientSampleId :
CB3E5

Sohil
9/29/2017 2:23:25 PM

TIC: BM011754.D

Abundance

1e+07

9500000

9000000

8500000

8000000

7500000

7000000

6500000

6000000

5500000

5000000

4500000

4000000

3500000

3000000

2500000

2000000

1500000

1000000

500000

0

Time-->

4.00 6.00 8.00 10.00 12.00 14.00 16.00 18.00 20.00 22.00 24.00 26.00 28.00

Phenol

Bis(2-chlorophenyl) ether-d8,S

1,4-Dichlorobenzene-d4,I

4-Methylphenol-d8,S

Nitrobenzene-d5,S

2-Methylphenol-d4,S

2,4-Dichlorophenol-d3,S

Naphthalene-d8,I

Naphthalene-d4,S

2-Methylnaphthalene

Dimethylphthalate

Acenaphthylene

Phenanthrene-d10,S

Dibenzofuran

Phenanthrene-d10,S

Fluorene-d10,S

Acenaphthene-d10,S

Acenaphthylene-d8,S

Dimethylphthalate-d8,S

Carbazole

Fluorene

Fluorene-d10,S

Pyrene-d10,S

Fluoranthene,C

Bis(2-ethylphenyl)phthalate

Chrysene

Octasulfolatracene

Benzofluoranthene

Benzofluoranthene

Benzo[a]pyrene-d12,S

Benzo[a]pyrene

Dibenz[a,h]anthracene

Benzo[ghi]perylene

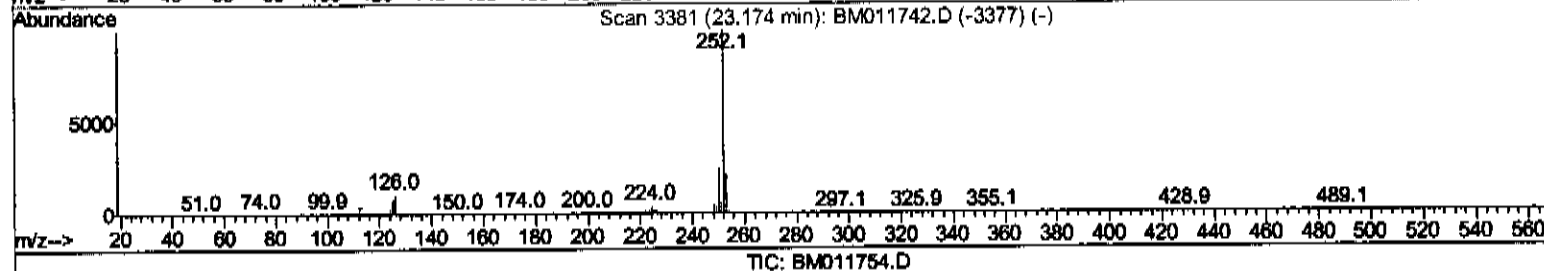
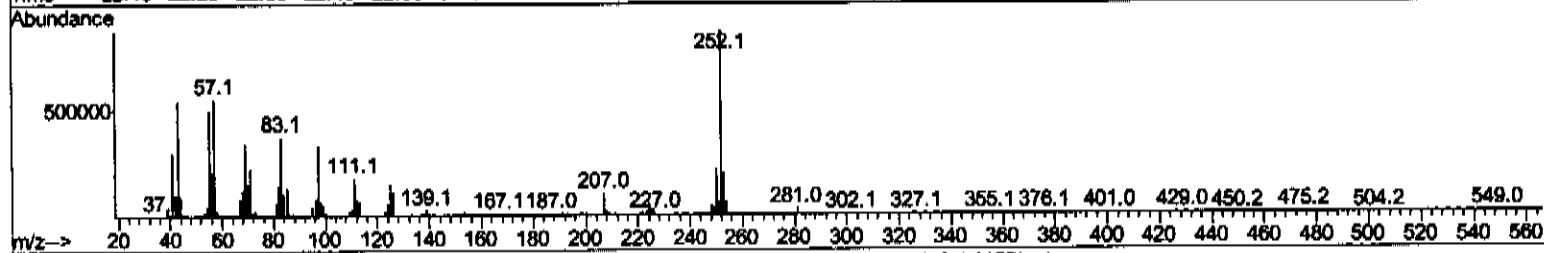
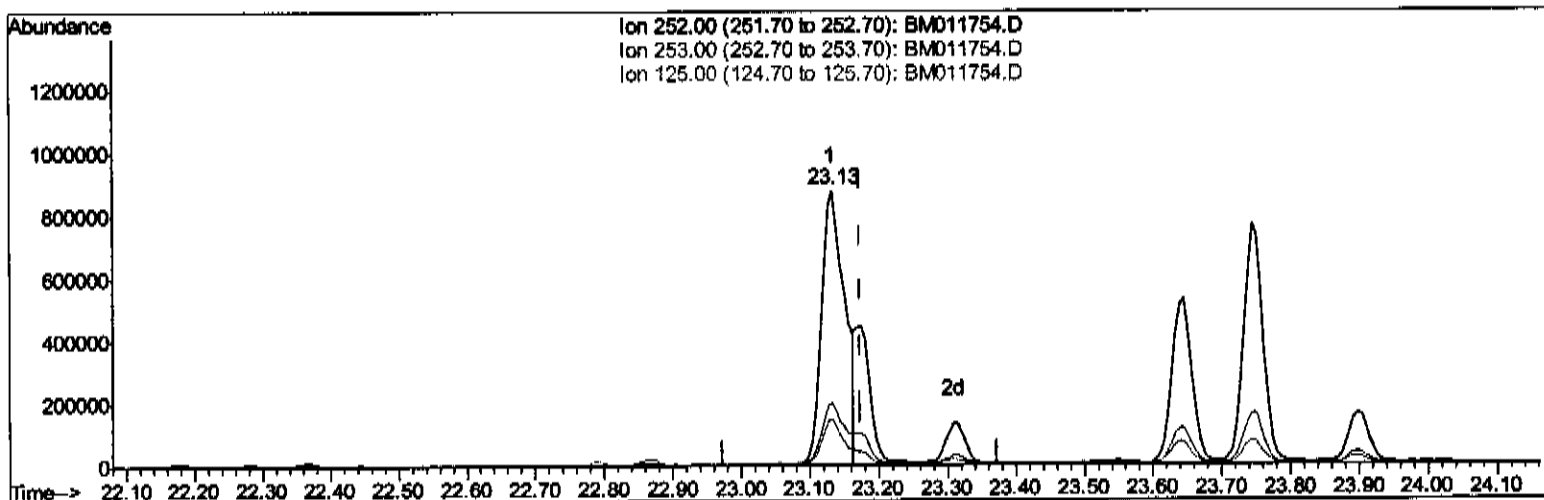
Data Path : Z:\HPCHEM1\BNA M\DATA\BM092717\
Data File : BM011754.D
Acq On : 28 Sep 2017 09:48
Operator : SJ/JU
Sample : I5377-09
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Manual Integrations
APPROVED

Sohil
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Quant Time: Sep 28 15:16:14 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM092717.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 28 05:09:12 2017
Response via : Initial Calibration



(86) Benzo(k)fluoranthene

23.133min (-0.041) 31.77ng/ul

response 2066383

Ion	Exp%	Act%
252.00	100	100
253.00	21.40	22.67
125.00	4.30	16.95#
0.00	0.00	0.00

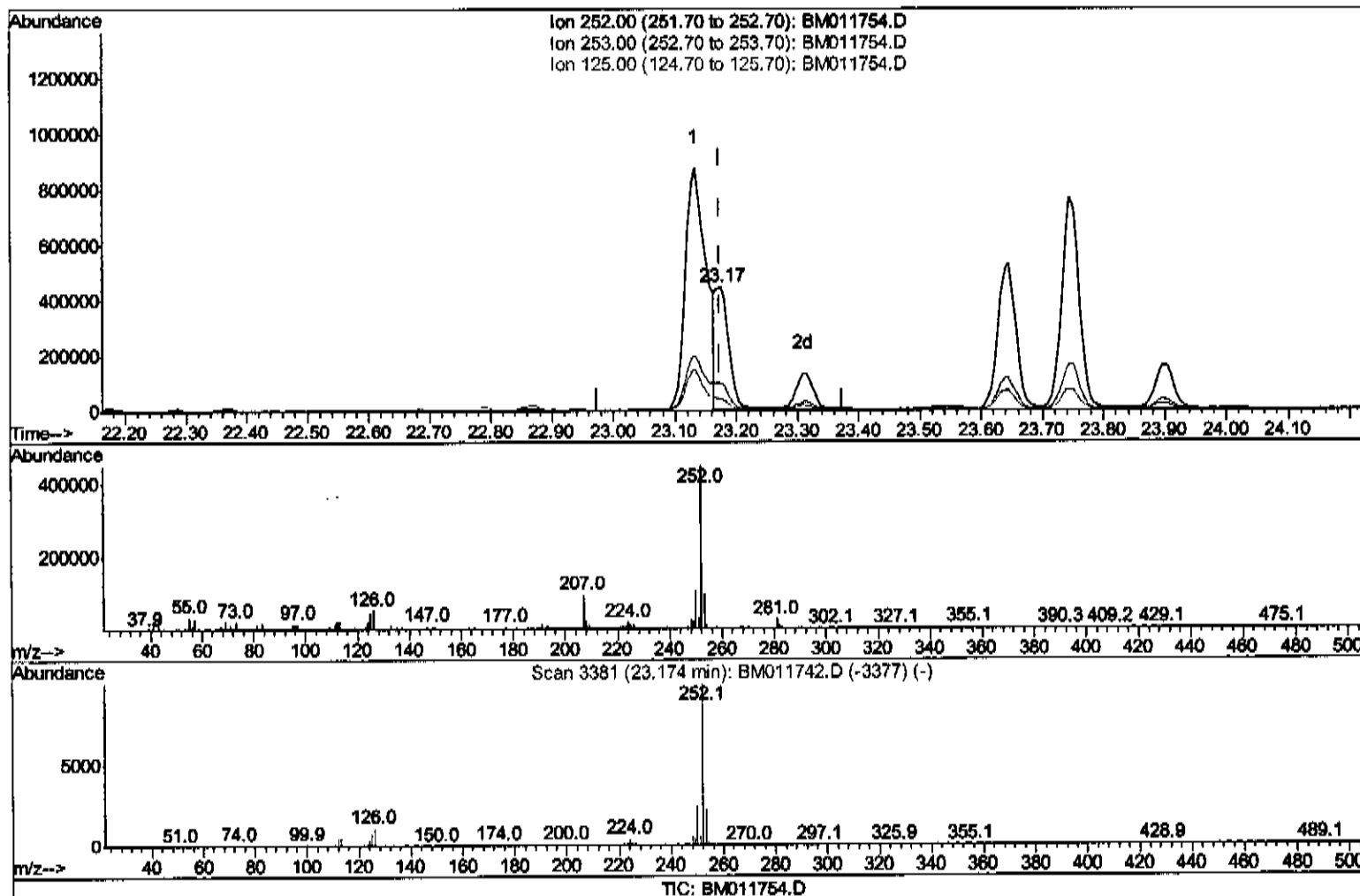
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(86) Benzo(k)fluoranthene

23.174min (+0.000) 10.02ng/ul m

response 651871

Ion	Exp%	Act%
252.00	100	100
253.00	21.40	22.06
125.00	4.30	10.09#
0.00	0.00	0.00

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Manual Integrations
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Quant Time: Sep 28 15:39:12 2017
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 QLast Update : Thu Sep 28 05:09:12 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	340509	20.00	ng/ul	0.00
18) Naphthalene-d8	10.75	136	1455159	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.57	164	742549	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.32	188	1391054	20.00	ng/ul	0.00
75) Chrysene-d12	21.49	240	1052752	20.00	ng/ul	0.00
83) Perylene-d12	23.84	264	1080668	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.36	96	25960	3.40	ng/ul	0.00
5) Phenol-d5	7.09	99	635036	18.96	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.26	67	512705	21.11	ng/ul	0.00
9) 2-Chlorophenol-d4	7.46	132	533033	21.39	ng/ul	0.00
13) 4-Methylphenol-d8	8.63	113	492340	18.77	ng/ul	0.00
19) Nitrobenzene-d5	9.10	128	265066	23.35	ng/ul	0.00
22) 2-Nitrophenol-d4	9.82	143	275292	22.74	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.36	165	490716	21.24	ng/ul	0.00
29) 4-Chloroaniline-d4	10.87	131	192623	7.54	ng/ul	0.00
43) Dimethylphthalate-d6	13.97	166	1514925	23.79	ng/ul	0.00
46) Acenaphthylene-d8	14.27	160	1851140	24.04	ng/ul	0.00
51) 4-Nitrophenol-d4	14.76	143	80997	7.44	ng/ul	0.00
57) Fluorene-d10	15.56	176	1243595	22.68	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.68	200	71514	7.59	ng/ul	0.00
70) Anthracene-d10	17.42	188	1673112	23.64	ng/ul	0.00
76) Pyrene-d10	19.70	212	1567478	31.20	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.70	264	1262912	24.41	ng/ul	0.00

Target Compounds

				Ovalue	
6) Phenol	7.12	94	36853	1.088 ng/ul#	94
28) Naphthalene	10.79	128	191361	2.516 ng/ul	99
34) 2-Methylnaphthalene	12.40	142	79325	1.471 ng/ul	96
44) Dimethylphthalate	14.02	163	329688	5.413 ng/ul	99
47) Acenaphthylene	14.30	152	88133	1.141 ng/ul#	94
49) Acenaphthene	14.63	153	122611	2.330 ng/ul	95
53) Dibenzofuran	14.97	168	112206	1.553 ng/ul	94
58) Fluorene	15.62	166	120560	1.970 ng/ul	98
69) Phenanthrene	17.36	178	2078637	26.699 ng/ul	98
71) Anthracene	17.45	178	409031	5.099 ng/ul	98
72) Carbazole	17.72	167	144975	2.063 ng/ul	97
74) Fluoranthene	19.37	202	2794694	29.400 ng/ul#	90
77) Pyrene	19.73	202	2639411	42.072 ng/ul#	90
80) Benzo(a)anthracene	21.47	228	1377192	23.383 ng/ul	96
81) Bis(2-ethylhexyl)phthalate	21.37	149	80177	2.048 ng/ul#	96
82) Chrysene	21.52	228	1315092	23.674 ng/ul	97
85) Benzo(b)fluoranthene	23.13	252	2066383	32.408 ng/ul#	93
86) Benzo(k)fluoranthene	23.17	252	651871m	10.022 ng/ul	93
88) Benzo(a)pyrene	23.74	252	1483132	24.083 ng/ul#	95
89) Indeno(1,2,3-cd)pyrene	26.27	276	1197417	18.675 ng/ul#	94
90) Dibenzo(a,h)anthracene	26.27	278	382785	7.128 ng/ul#	88
91) Benzo(a,h,i)perylene	27.03	276	1193527	22.426 ng/ul#	91

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed