

Instrument :
BNA_M
ClientSampleId :
BE1B2

Sohil
12/7/2017 11:41:42 AM

Abundance

TIC: BM013236.D

1.9e+07

1.8e+07

1.7e+07

1.6e+07

1.5e+07

1.4e+07

1.3e+07

1.2e+07

1.1e+07

1e+07

9000000

8000000

7000000

6000000

5000000

4000000

3000000

2000000

1000000

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

1,4-Dioxane-d8, S

Benzo[a]pyrene-d10, S

1,4-Dichlorobenzene-d4, I

2-Methylphenol

Acetophenone

Nitrobenzene-d5, S

2-Nitrophenol-d4, S

2,4-Dichlorophenol-d3, S

Naphthalene

2-Methylnaphthalene

1,1'-Biphenyl

Dimethylphthalate

4-Methylphenol-d8, S

Fluorene-d10, S

Phenanthrene

Fluoranthene, C

Pyrene/dibenz[a,h]anthracene

Benzo[a]anthracene

Benzo[b]fluoranthene

Benzo[k]fluoranthene

Benzo[a]pyrene-d12, S

Benzo[a]fluoranthene

Dibenz[a,h]anthracene

Benzo[g,h,i]perylene

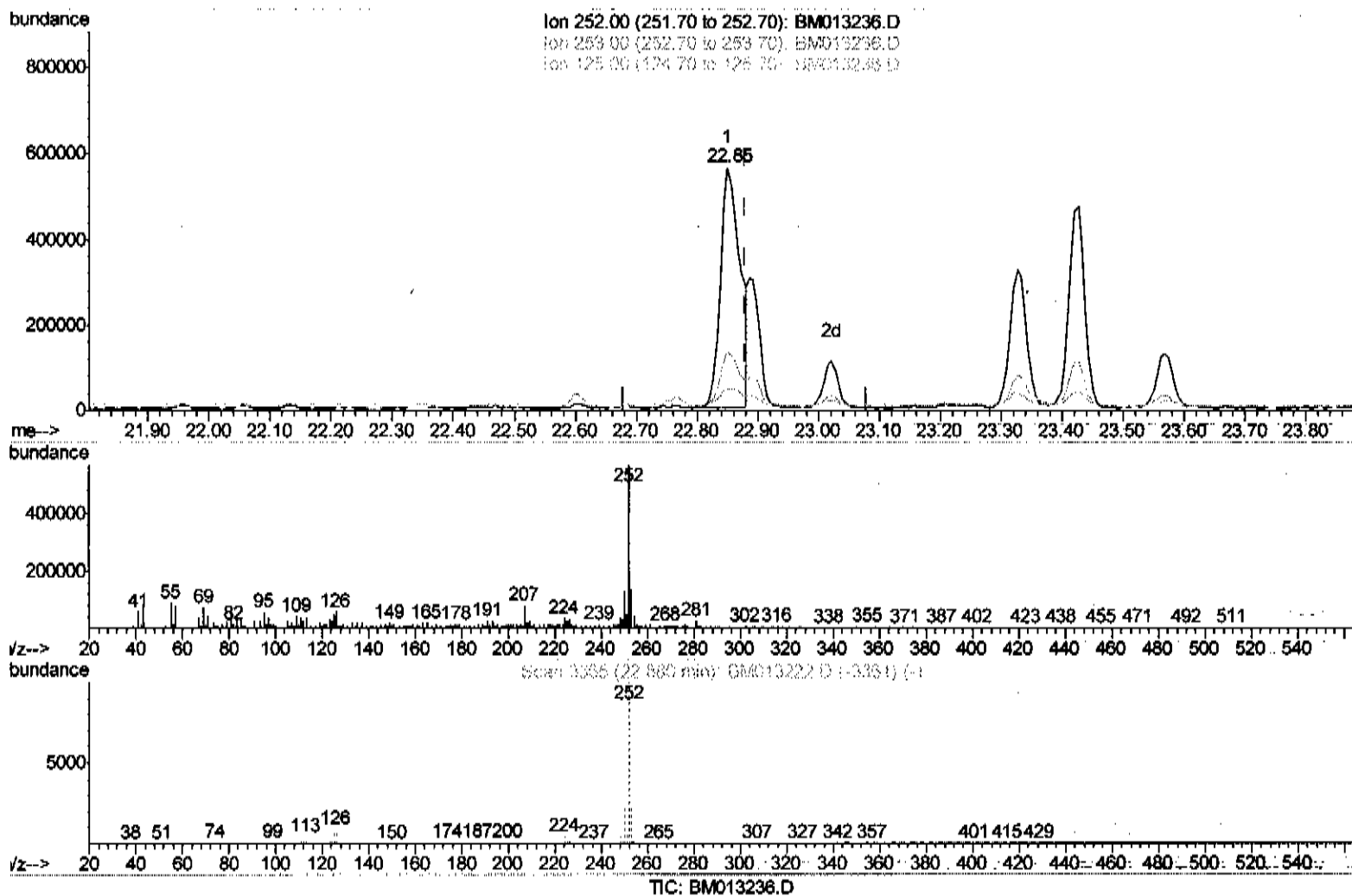
Data Path : Z:\HPCHEM1\BNA M\DATA\BM120617\
 Data File : BM013236.D
 Acq On : 07 Dec 2017 07:03
 Operator : SJ/JU
 Sample : I6713-04
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampled :
 BE1B2

Manual Integrations
 APPROVED

Sohil
 12/7/2017 11:41:42 AM

Quant Time: Dec 07 08:08:50 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
 Quant Title : SVQA CALIBRATION
 QLast Update : Thu Dec 07 04:35:17 2017
 Response via : Initial Calibration



(86) Benzo(k)fluoranthene

22.850min (-0.029) 17.22ng/ul

response 1239627

Ion	Exp%	Act%
252.00	100	100
253.00	21.40	23.88
125.00	4.30	8.56#
0.00	0.00	0.00

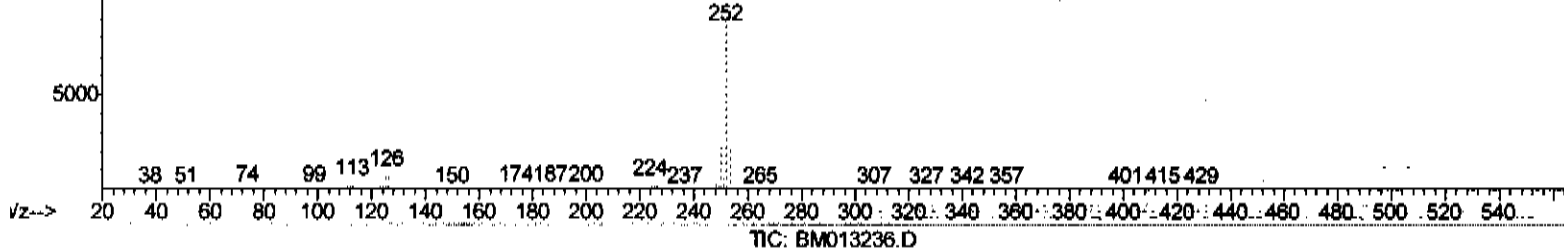
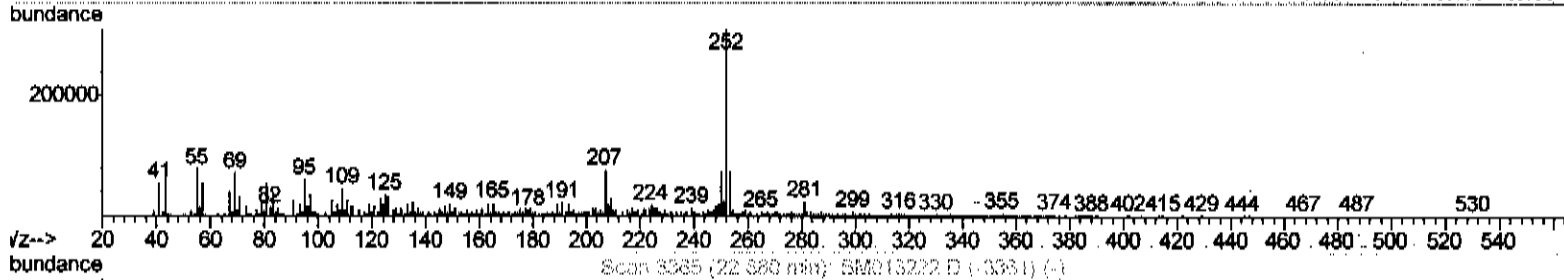
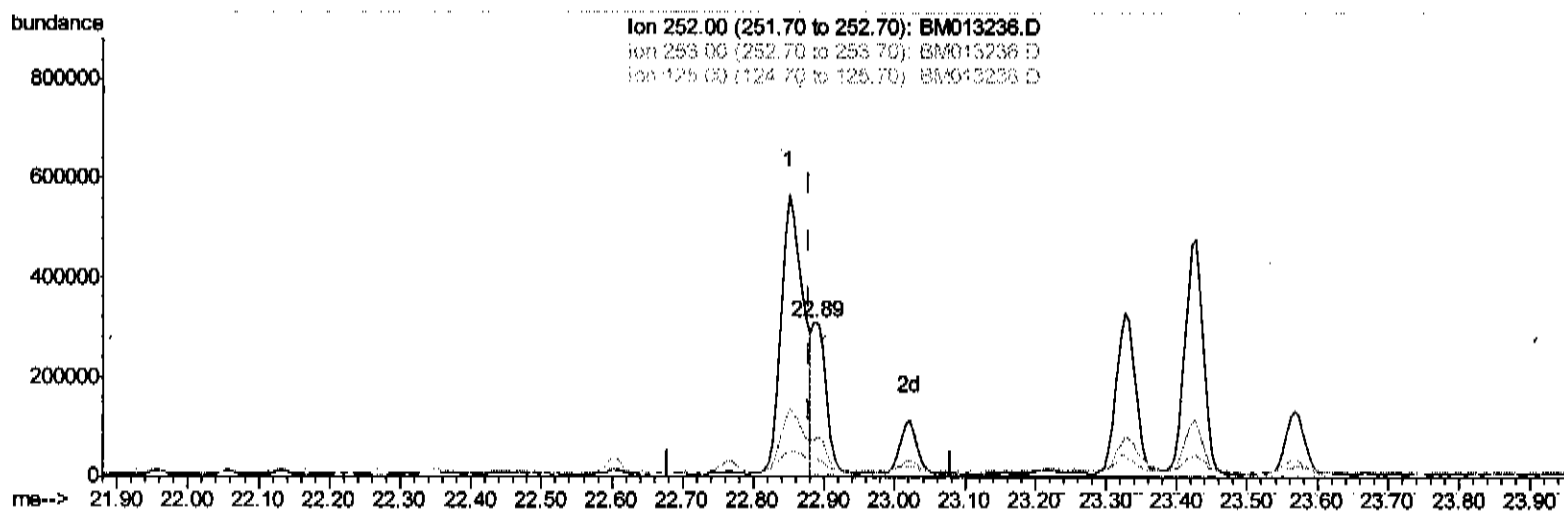
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(86) Benzo(k)fluoranthene

22.886min (+0.006) 5.82ng/ul m

SJ 12/07/17

response 418938

Ion	Exp%	Act%
252.00	100	100
253.00	21.40	24.04
125.00	4.30	11.73#
0.00	0.00	0.00

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Manual Integrations
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Quant Time: Dec 07 08:13:30 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Dec 07 04:35:17 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	390266	20.00	ng/ul	0.00
18) Naphthalene-d8	10.49	136	1661318	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.35	164	913725	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.10	188	1773948	20.00	ng/ul	0.01
75) Chrysene-d12	21.29	240	1201444	20.00	ng/ul	0.01
83) Perylene-d12	23.52	264	1135015	20.00	ng/ul	0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.25	96	25929	3.29	ng/uL	0.00
5) Phenol-d5	6.88	99	756050	22.39	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.05	67	435628	22.62	ng/ul	0.00
9) 2-Chlorophenol-d4	7.24	132	624098	23.65	ng/ul	0.00
13) 4-Methylphenol-d8	8.41	113	633665	21.97	ng/ul	0.00
19) Nitrobenzene-d5	8.86	128	313664	23.81	ng/ul	0.00
22) 2-Nitrophenol-d4	9.57	143	345202	24.48	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.11	165	669231	23.03	ng/ul	0.00
29) 4-Chloroaniline-d4	10.63	131	558116	20.90	ng/ul	0.00
43) Dimethylphthalate-d6	13.76	166	1942314	23.89	ng/ul	0.00
46) Acenaphthylene-d8	14.04	160	2442582	24.34	ng/ul	0.00
51) 4-Nitrophenol-d4	14.56	143	288012	20.39	ng/ul	0.01
57) Fluorene-d10	15.35	176	1612297	23.06	ng/ul	0.01
62) 4,6-Dinitro-2-methylphenol	15.47	200	134040	12.01	ng/ul	0.00
70) Anthracene-d10	17.20	188	2244299	25.26	ng/ul	0.01
76) Pyrene-d10	19.49	212	1935311	32.33	ng/ul	0.01
87) Benzo(a)pyrene-d12	23.38	264	1436181	24.84	ng/ul	0.02

Target Compounds

					Ovalue	
4) Benzaldehyde	6.86	77	39327	2.354	ng/ul#	69
6) Phenol	6.91	94	159651	4.783	ng/ul#	78
11) 2-Methylphenol	8.15	108	94252	3.651	ng/ul	99
14) Acetophenone	8.52	105	86651	1.975	ng/ul	87
28) Naphthalene	10.53	128	3447789	40.338	ng/ul	99
34) 2-Methylnaphthalene	12.15	142	767855	11.951	ng/ul	95
40) 1,1'-Biophenyl	13.17	154	272845	3.533	ng/ul	99
44) Dimethylphthalate	13.81	163	534206	6.869	ng/ul	97
49) Acenaphthene	14.41	153	823555	13.020	ng/ul	98
53) Dibenzofuran	14.75	168	1043598	11.176	ng/ul	98
58) Fluorene	15.40	166	786465	10.181	ng/ul	99
69) Phenanthrene	17.14	178	4972579	49.340	ng/ul	99
71) Anthracene	17.23	178	1204356	11.691	ng/ul	98
72) Carbazole	17.50	167	376827	4.253	ng/ul	99
74) Fluoranthene	19.16	202	4062362	32.892	ng/ul#	93
77) Pyrene	19.52	202	3111511	42.629	ng/ul#	92
80) Benzo(a)anthracene	21.27	228	1245040	16.333	ng/ul	97
81) Bis(2-ethylhexyl)phthalate	21.20	149	450866	10.489	ng/ul	99
82) Chrysene	21.32	228	1076950	15.228	ng/ul	96
85) Benzo(b)fluoranthene	22.85	252	1239627	16.202	ng/ul#	95
86) Benzo(k)fluoranthene	22.89	252	418938m	5.818	ng/ul	—
88) Benzo(a)pyrene	23.43	252	851988	12.396	ng/ul#	94
89) Indeno(1,2,3-cd)pyrene	25.77	276	529930	7.771	ng/ul#	95

5/12/07/17

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Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 07 04:35:17 2017
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
90) Dibenzo(a,h)anthracene	25.77	278	145783	2.510	ng/ul#	62
91) Benzo(a,h,i)perylene	26.46	276	474061	8.813	ng/ul#	92

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