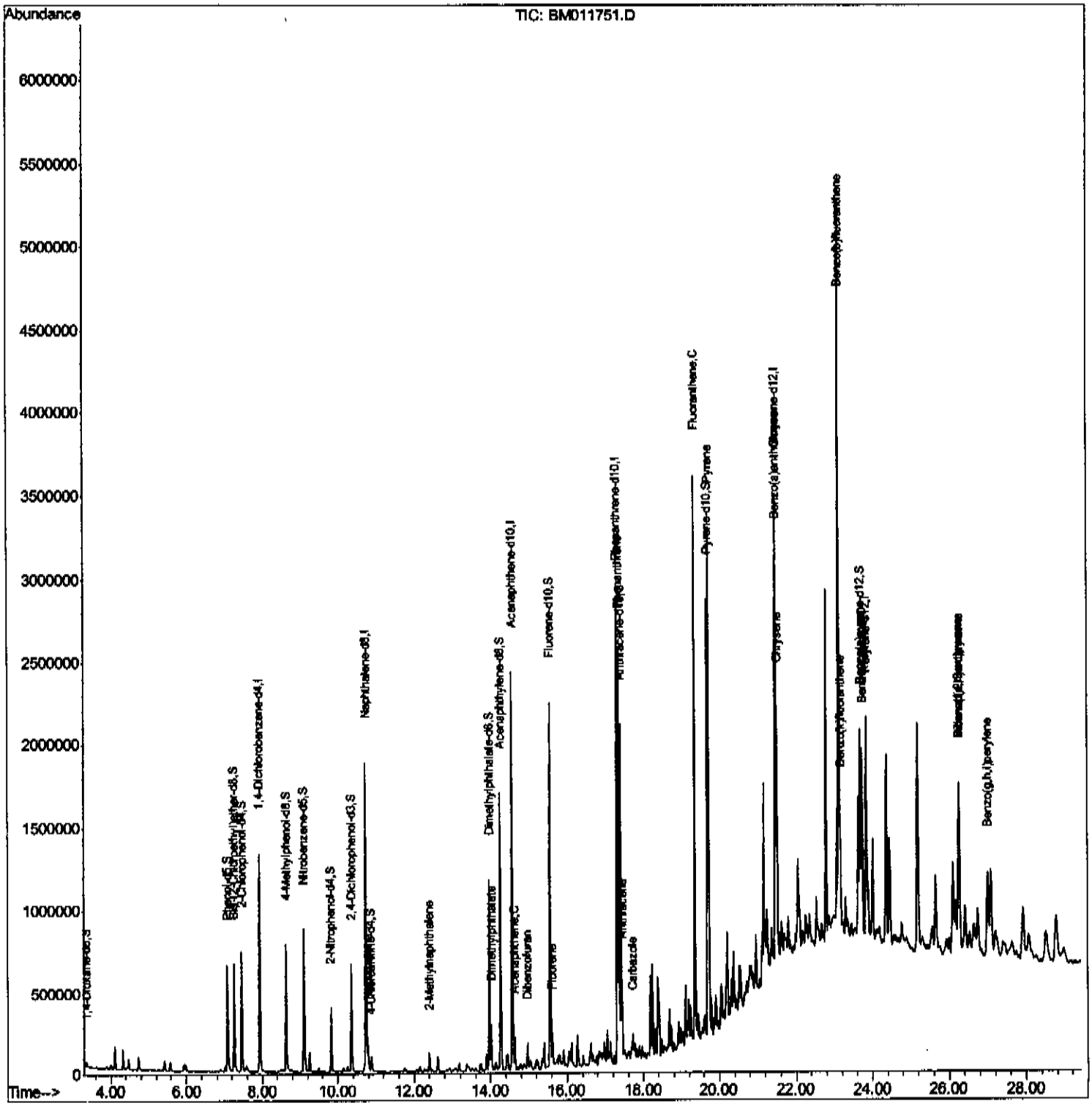
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM092717\
Data File : BM011751.D
Acq On : 28 Sep 2017 07:59
Operator : SJ/JU
Sample : I5377-24
Misc :
ALS Vial : 29 Sample Multiplier: 1

Quant Time: Sep 28 09:08:15 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

Instrument :
BNA_M
ClientSampleId :
CB3J4

Manual Integrations APPROVED
Sohil
9/29/2017 2:23:19 PM
9/29/2017 2:23:19 PM



Quantitation Report (Qedit)

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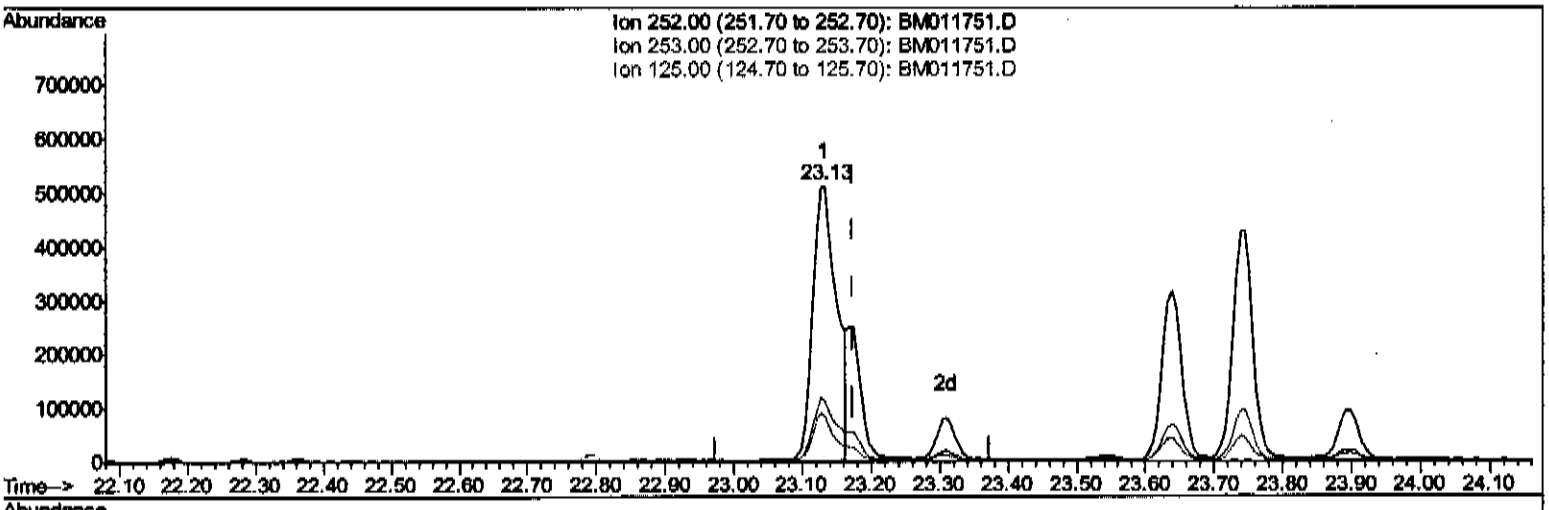

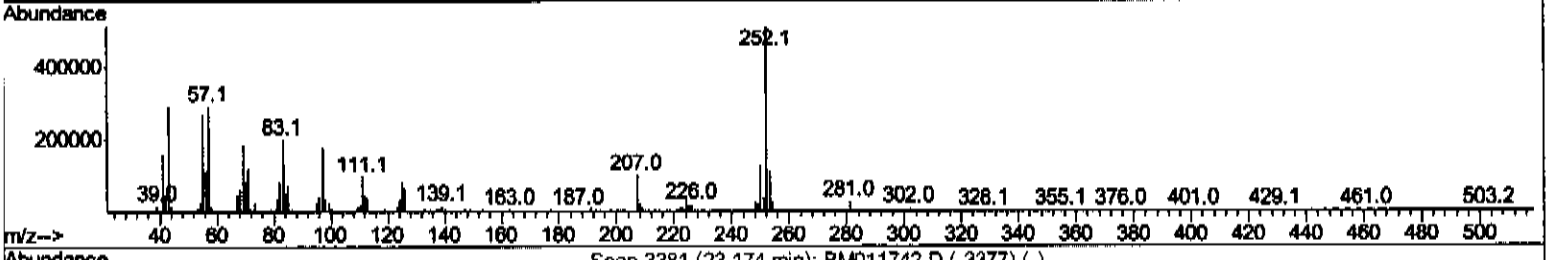

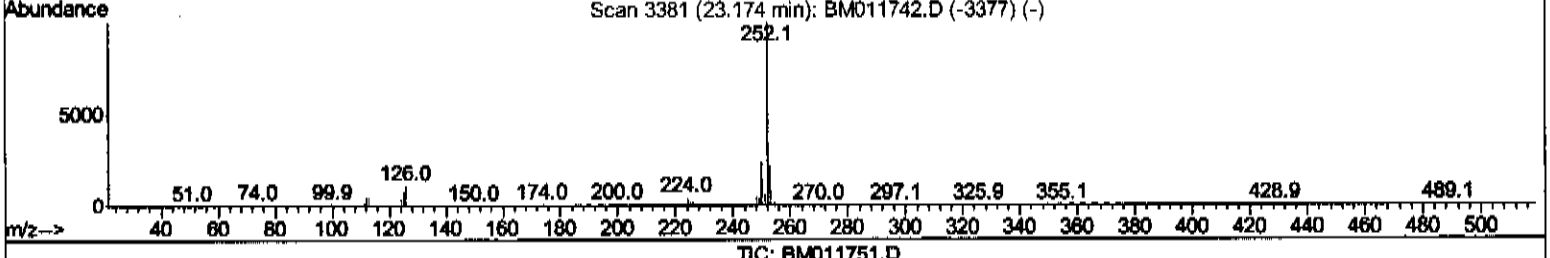

TIC: BM011751.D

(86) Benzo(k)fluoranthene

23.133min (-0.041) 20.36ng/ul

response 1250132

Ion	Exp%	Act%
252.00	100	100
253.00	21.40	21.83
125.00	4.30	16.51#
0.00	0.00	0.00

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9/29/2017 2:23:19 PM
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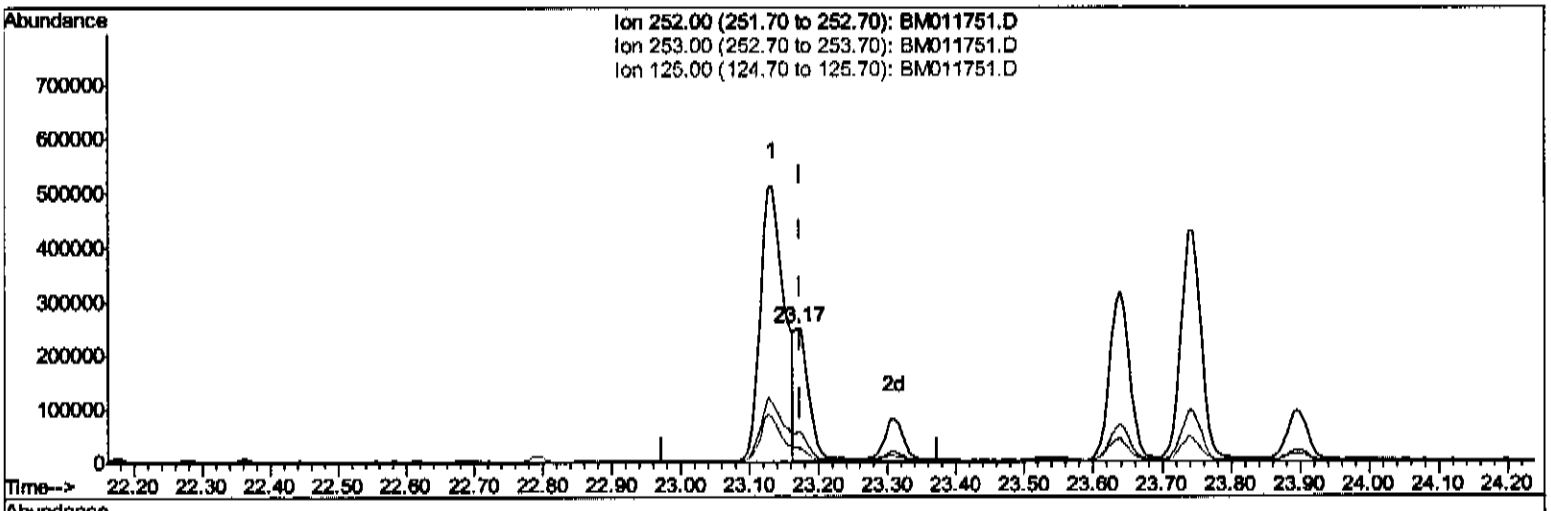

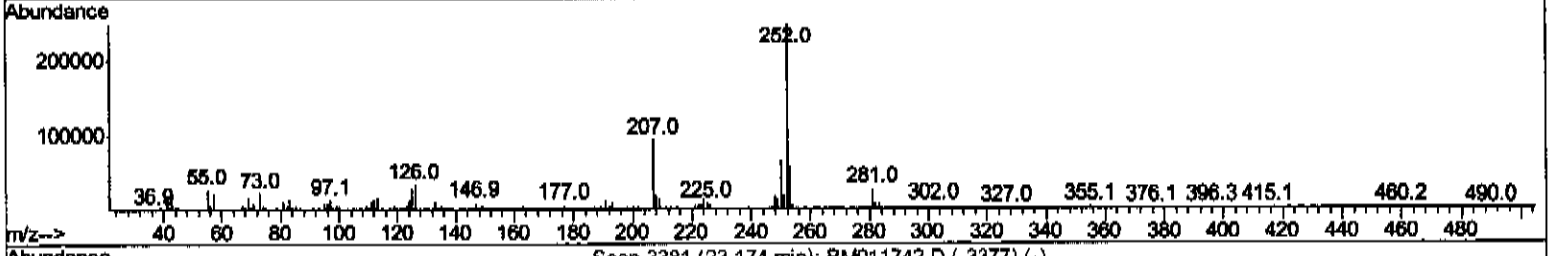

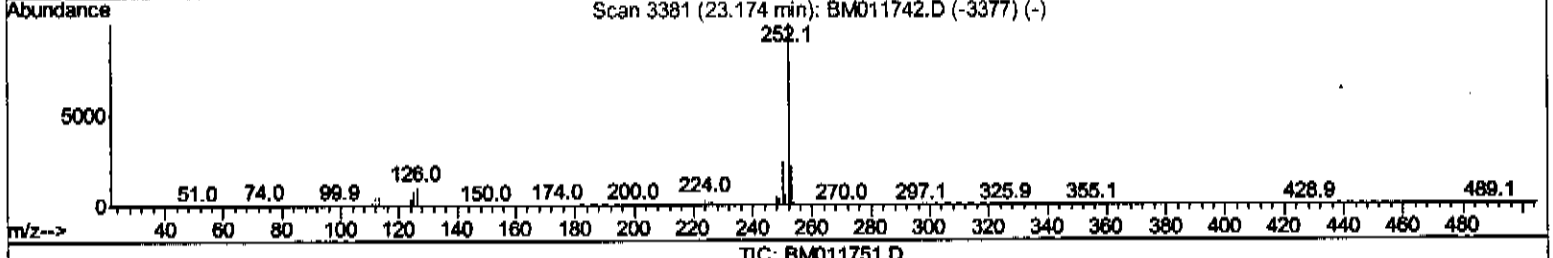

TIC: BM011751.D

(86) Benzo(k)fluoranthene

23.168min (-0.006) 5.57ng/ul m JU 10/3/17

response 342180

Ion	Exp%	Act%
252.00	100	100
253.00	21.40	22.46
125.00	4.30	11.37#
0.00	0.00	0.00

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Sohil
9/29/2017 2:23:19 PM
9/29/2017 2:23:19 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	320935	20.00	ng/ul	0.00
18) Naphthalene-d8	10.74	136	1416361	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.57	164	749095	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.32	188	1481801	20.00	ng/ul	0.00
75) Chrysene-d12	21.48	240	1072216	20.00	ng/ul	0.00
83) Perylene-d12	23.84	264	1020348	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.36	96	10921	1.52	ng/uL	0.00
5) Phenol-d5	7.09	99	300881	9.53	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.26	67	324326	14.17	ng/ul	0.00
9) 2-Chlorophenol-d4	7.46	132	286006	12.18	ng/ul	0.00
13) 4-Methylphenol-d8	8.63	113	259261	10.49	ng/ul	0.00
19) Nitrobenzene-d5	9.10	128	163732	14.82	ng/ul	0.00
22) 2-Nitrophenol-d4	9.82	143	103328	8.77	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.36	165	218146	9.70	ng/ul	0.00
29) 4-Chloroaniline-d4	10.88	131	45314	1.82	ng/ul	0.00
43) Dimethylphthalate-d6	13.97	166	709762	11.05	ng/ul	0.00
46) Acenaphthylene-d8	14.26	160	1160490	14.94	ng/ul	0.00
51) 4-Nitrophenol-d4	14.77	143	2169	0.20	ng/ul	0.01
57) Fluorene-d10	15.56	176	811363	14.67	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.68	200	6053	0.60	ng/ul	0.00
70) Anthracene-d10	17.41	188	1124433	14.91	ng/ul	0.00
76) Pyrene-d10	19.70	212	1095961	21.42	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.69	264	757183	15.50	ng/ul	0.00
Target Compounds						Qvalue
28) Naphthalene	10.79	128	130273	1.760	ng/ul	99
34) 2-Methylnaphthalene	12.40	142	54955	1.047	ng/ul	95
44) Dimethylphthalate	14.02	163	158449	2.579	ng/ul	99
49) Acenaphthene	14.63	153	78600	1.481	ng/ul	99
53) Dibenzofuran	14.97	168	75670	1.038	ng/ul	97
58) Fluorene	15.62	166	79089	1.281	ng/ul	99
69) Phenanthrene	17.36	178	1405001	16.941	ng/ul	98
71) Anthracene	17.44	178	264798	3.099	ng/ul	98
72) Carbazole	17.72	167	91536	1.223	ng/ul#	95
74) Fluoranthene	19.36	202	1939625	19.155	ng/ul#	88
77) Pyrene	19.73	202	1814846	28.403	ng/ul#	87
80) Benzo(a)anthracene	21.46	228	831863	13.867	ng/ul	96
82) Chrysene	21.52	228	870096	15.379	ng/ul	98
85) Benzo(b)fluoranthene	23.13	252	1250132	20.766	ng/ul#	93
86) Benzo(k)fluoranthene	23.17	252	342180m	5.572	ng/ul	>
88) Benzo(a)pyrene	23.74	252	853455	14.678	ng/ul#	96
89) Indeno(1,2,3-cd)pyrene	26.26	276	668852	11.048	ng/ul#	92
90) Dibenzo(a,h)anthracene	26.27	278	197553	3.896	ng/ul#	87
91) Benzo(g,h,i)perylene	27.01	276	678214	13.497	ng/ul#	91

JU 10/5/17

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