

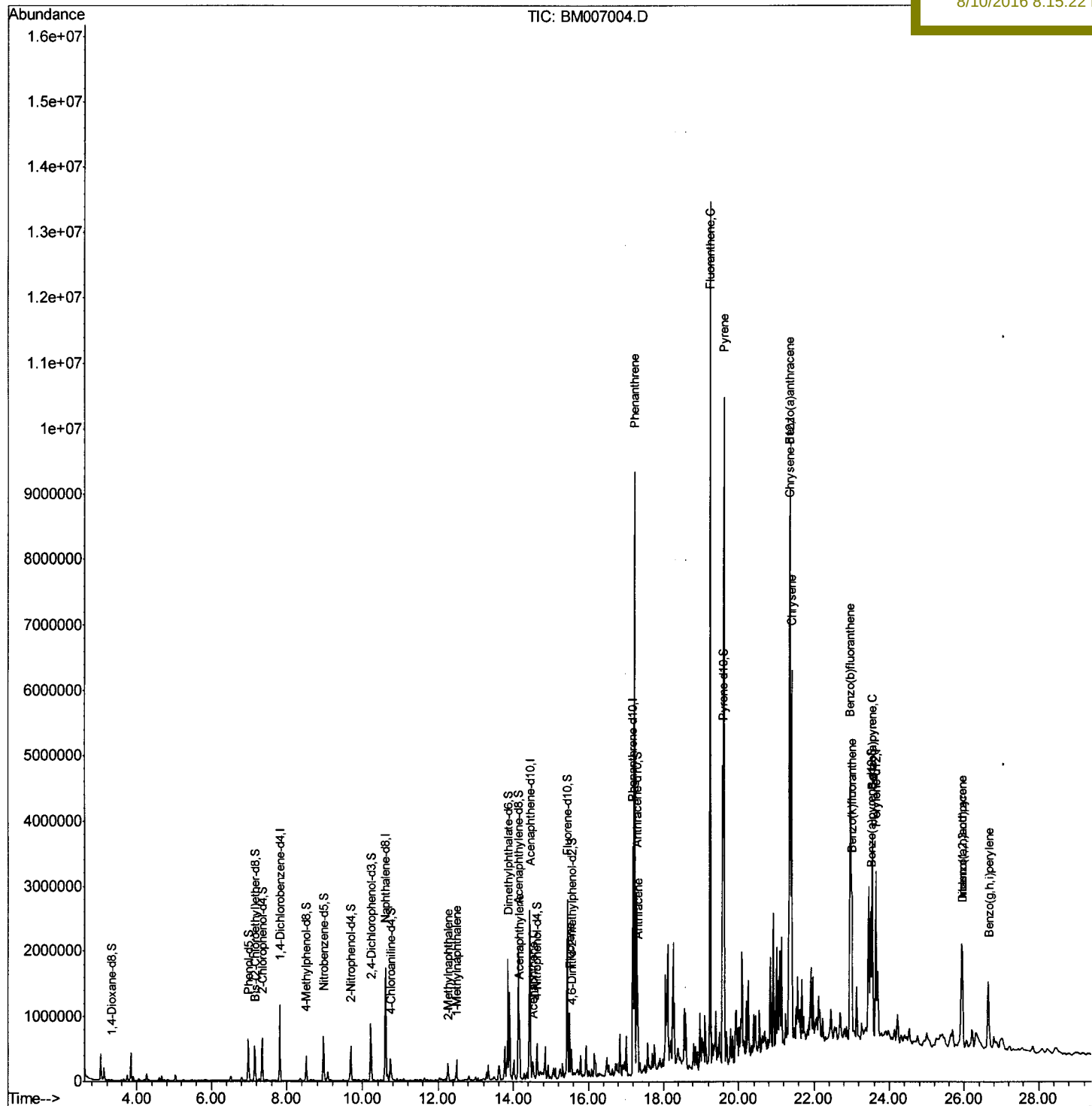
Data Path : Z:\HPCHEM1\BNA_M\Data\BM081016\
Data File : BM007004.D
Acq On : 10 Aug 2016 17:34
Operator : UM/SJ
Sample : H4301-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Aug 10 18:36:43 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080916.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 10 01:30:54 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
DA0E5

Manual Integrations
APPROVED

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Quantitation Report (Qedit)

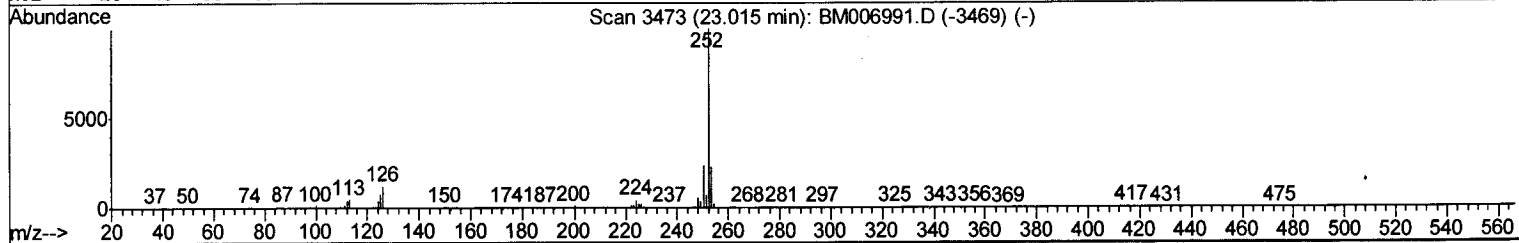
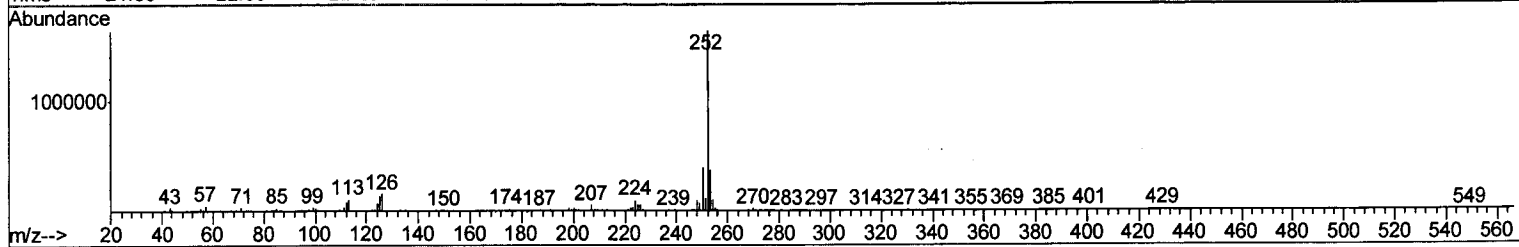
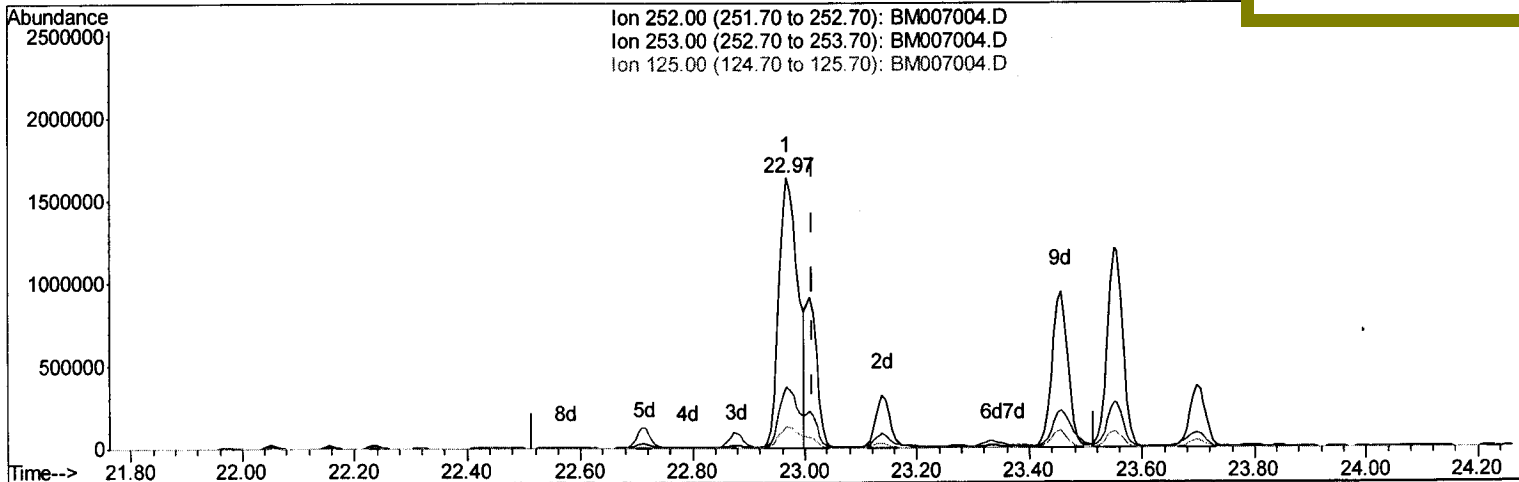
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TIC: BM007004.D

(36) Benzo(k)fluoranthene

22.968min (-0.047) 32.98ng/ul

response 3872582

Ion	Exp%	Act%
252.00	100	100
253.00	22.20	22.65
125.00	7.80	7.99
0.00	0.00	0.00

Quantitation Report (Qedit)

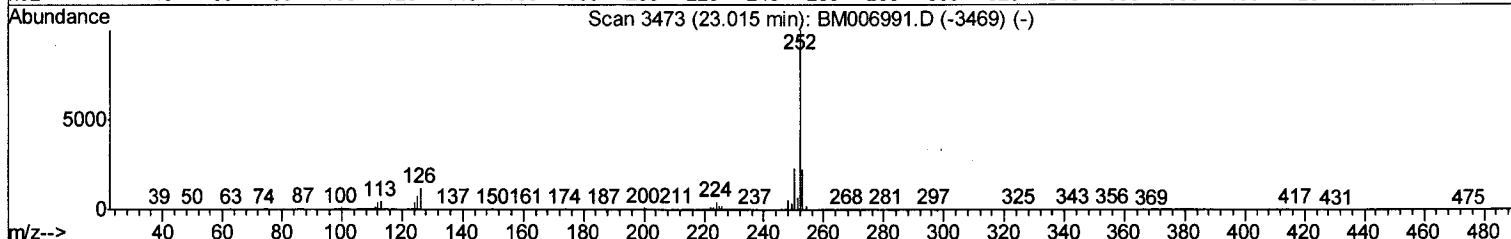
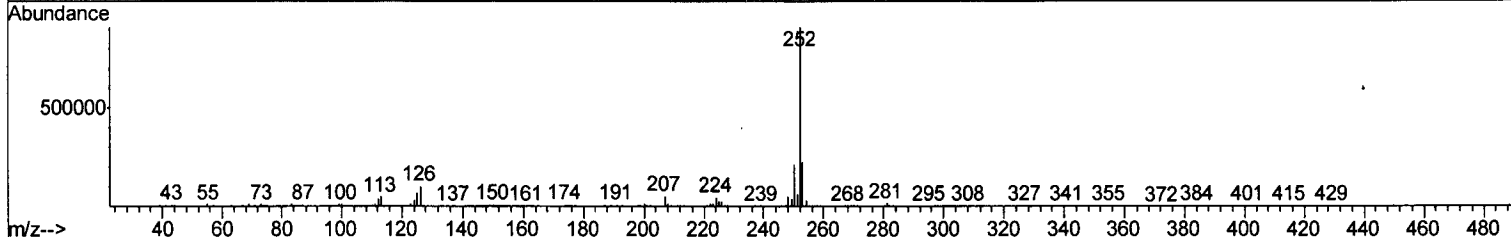
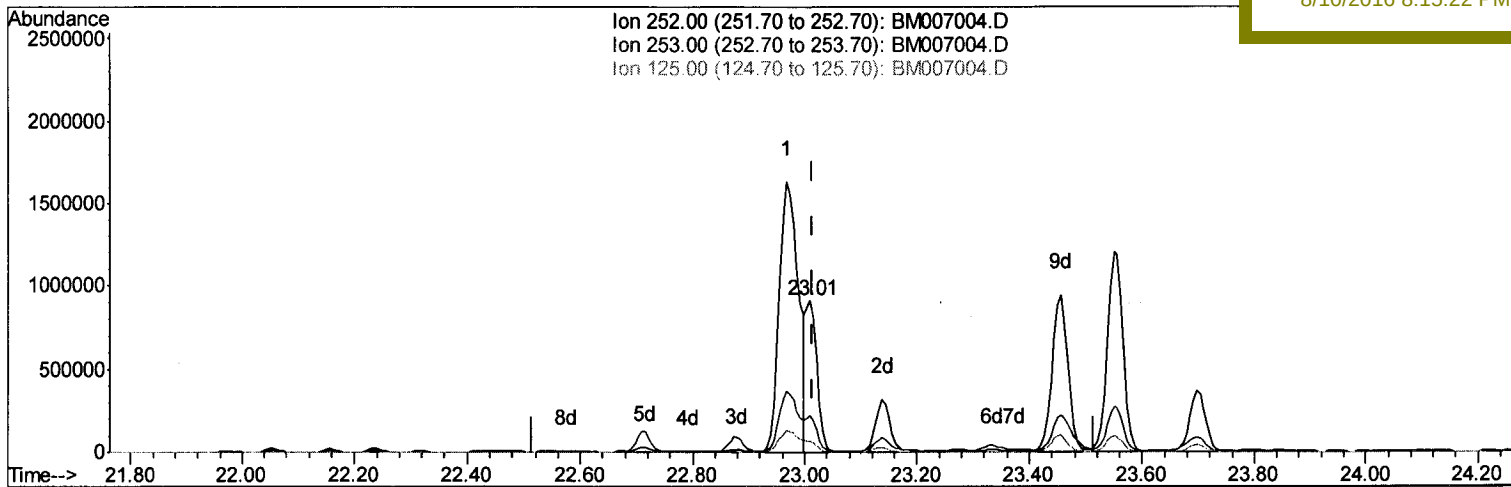
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Manual Integrations
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TIC: BM007004.D

(36) Benzo(k)fluoranthene

23.009min (-0.006) 11.01ng/ul m U.M

response 1292447

08/11/16

Ion	Exp%	Act%
252.00	100	100
253.00	22.20	24.54
125.00	7.80	7.70
0.00	0.00	0.00

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 Operator : UM/SJ
 Sample : H4301-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
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Manual Integrations
 APPROVED

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	309269	20.00	ng/ul	0.00
7) Naphthalene-d8	10.60	136	1390140	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.44	164	868363	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.19	188	2108263	20.00	ng/ul	0.00
29) Chrysene-d12	21.37	240	2304602	20.00	ng/ul	0.00
34) Perylene-d12	23.65	264	2001191	20.00	ng/ul	0.00

System Monitoring Compounds

2) 1,4-Dioxane-d8	3.33	96	8617	1.27	ng/uL	0.00
3) Phenol-d5	6.97	99	354114	12.86	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	7.15	67	231040	15.02	ng/ul	0.00
5) 2-Chlorophenol-d4	7.35	132	291271	13.95	ng/ul	0.00
6) 4-Methylphenol-d8	8.51	113	136197	5.84	ng/ul	0.00
8) Nitrobenzene-d5	8.97	128	152241	14.34	ng/ul	0.00
9) 2-Nitrophenol-d4	9.69	143	164951	13.57	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.22	165	324181	13.65	ng/ul	0.00
12) 4-Chloroaniline-d4	10.74	131	191228	6.89	ng/ul	0.00
16) Dimethylphthalate-d6	13.86	166	1153576	15.54	ng/ul	-0.01
17) Acenaphthylene-d8	14.14	160	1380446	15.88	ng/ul	0.00
20) 4-Nitrophenol-d4	14.63	143	121390	9.11	ng/ul	0.00
21) Fluorene-d10	15.44	176	1018957	16.15	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.55	200	100005	8.75	ng/ul	0.00
26) Anthracene-d10	17.29	188	1541068	15.69	ng/ul	0.00
30) Pyrene-d10	19.58	212	1848881	17.64	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.51	264	1467060	15.95	ng/ul	0.00

Target Compounds

						Qvalue
13) 2-Methylnaphthalene	12.26	142	118645	2.15	ng/ul	96
14) 1-Methylnaphthalene	12.49	142	141932	2.68	ng/ul	100
18) Acenaphthylene	14.17	152	508986	5.66	ng/ul	98
19) Acenaphthene	14.51	153	69089	1.19	ng/ul	95
22) Fluorene	15.50	166	423117	6.14	ng/ul	100
25) Phenanthrene	17.23	178	5856218	51.85	ng/ul	99
27) Anthracene	17.32	178	901374	7.73	ng/ul	100
28) Fluoranthene	19.25	202	8223915	57.80	ng/ul	98
31) Pyrene	19.62	202	6372163	47.66	ng/ul	98
32) Benzo(a)anthracene	21.36	228	3646661	26.87	ng/ul	97
33) Chrysene	21.41	228	3222000	26.16	ng/ul	98
35) Benzo(b)fluoranthene	22.97	252	3872582	31.15	ng/ul	98
36) Benzo(k)fluoranthene	23.01	252	1292447m	11.01	ng/ul	99
38) Benzo(a)pyrene	23.55	252	2298917	20.10	ng/ul	99
39) Indeno(1,2,3-cd)pyrene	25.95	276	1651663	14.56	ng/ul	98
40) Dibenzo(a,h)anthracene	25.96	278	445501	4.75	ng/ul	96
41) Benzo(g,h,i)perylene	26.66	276	1384470	14.85	ng/ul	99

U.M
 8/11/16

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