

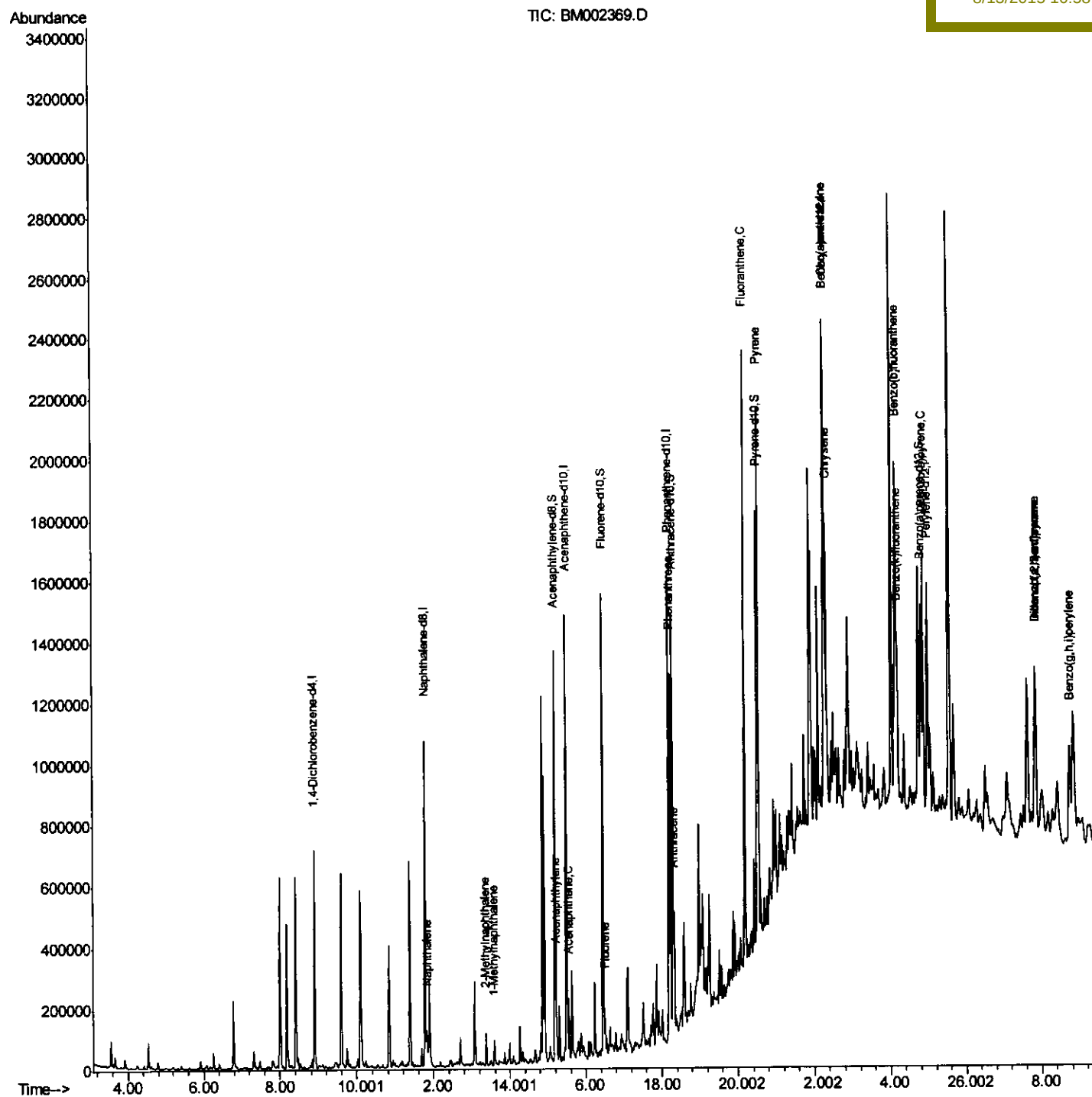
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081215\
Data File : BM002369.D
Acq On : 12 Aug 2015 20:09
Operator : UM/IZ
Sample : G3163-14
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
D9C99

Quant Time: Aug 13 00:58:39 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080715MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 13 00:45:03 2015
Response via : Initial Calibration

Manual Integrations
APPROVED

MMDadoda
8/13/2015 10:58:06 AM



Quantitation Report (Qedit)

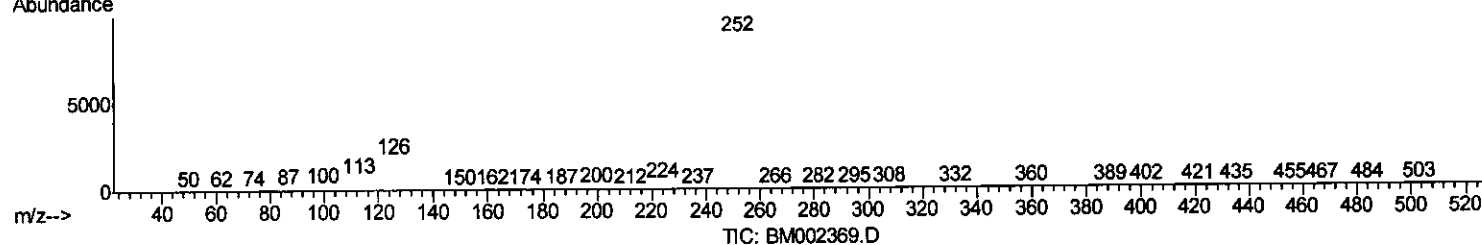
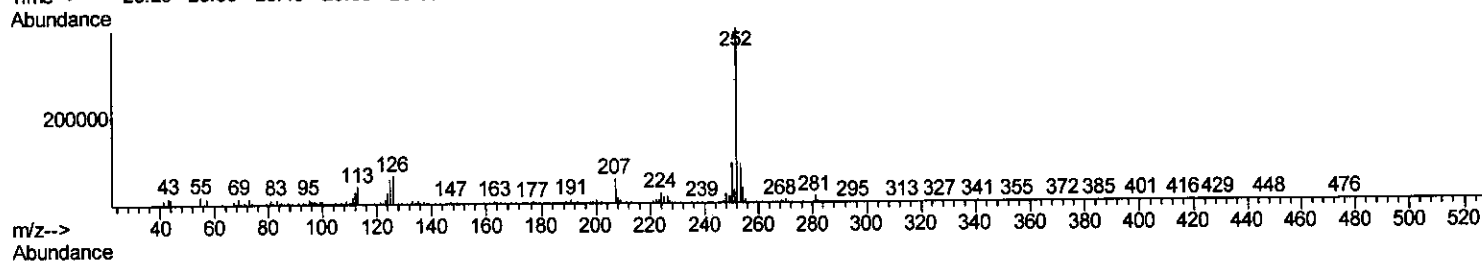
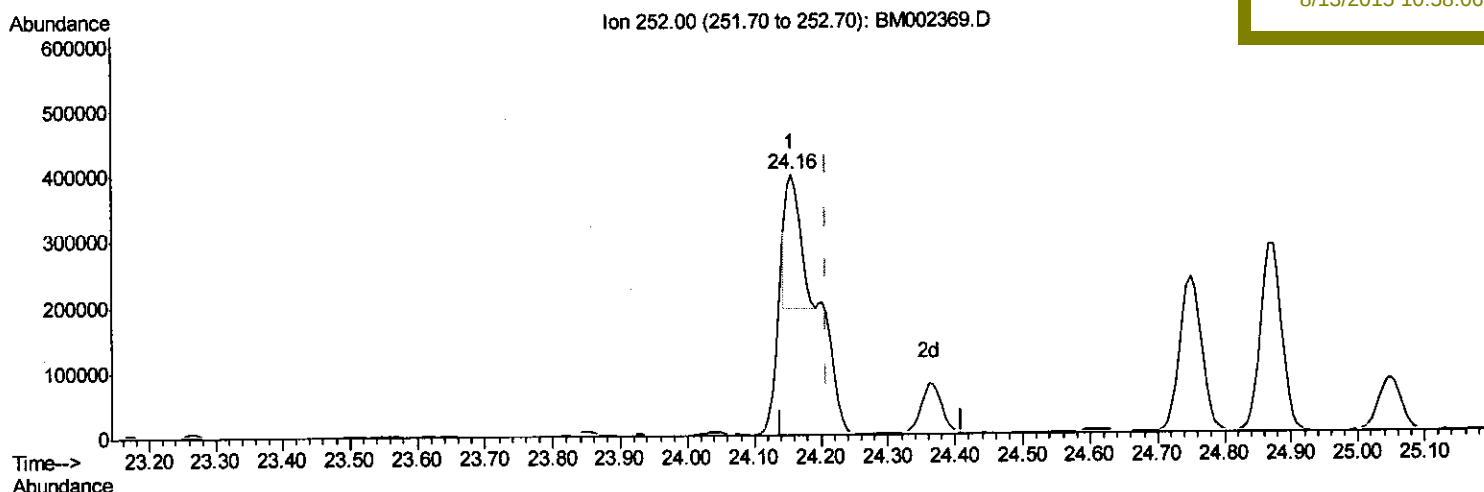
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(24) Benzo(k)fluoranthene

24.156min (-0.053) 8.03ng/ul

response 297130

Ion	Exp%	Act%
252.00	100	100
253.00	21.60	22.86
125.00	12.80	14.22
0.00	0.00	0.00

Quantitation Report (Qedit)

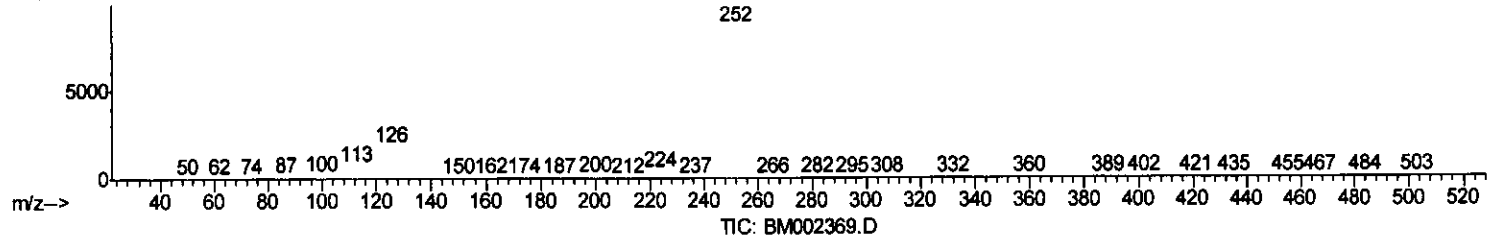
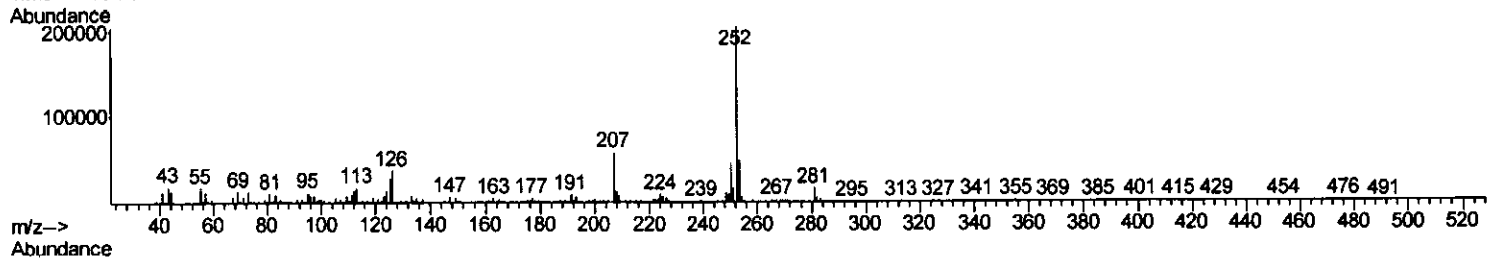
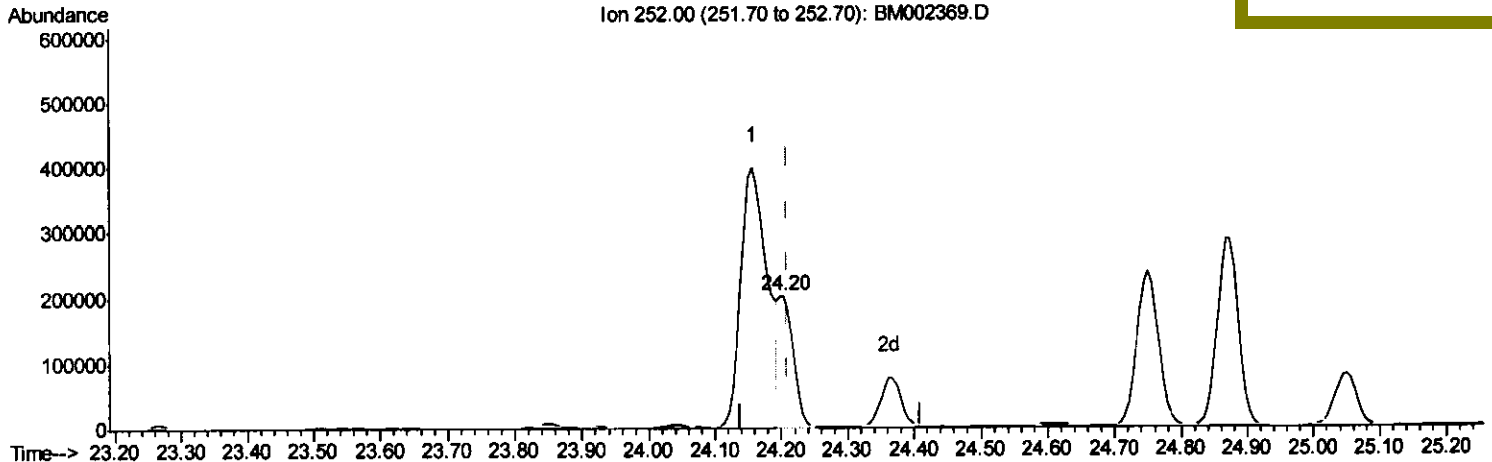
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Instrument :
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Manual Integrations
 APPROVED

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 8/13/2015 10:58:06 AM



(24) Benzo(k)fluoranthene

24.203min (-0.006) 8.76ng/ul m

response 323968

Ion	Exp%	Act%
252.00	100	100
253.00	21.60	24.10
125.00	12.80	14.01
0.00	0.00	0.00

U.M.
 08/13/15

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081215\
 Data File : BM002369.D
 Acq On : 12 Aug 2015 20:09
 Operator : UM/IZ
 Sample : G3163-14
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9C99

Quant Time: Aug 13 00:58:39 2015
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Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.90	152	204290	20.00	ng/ul	0.00
2) Naphthalene-d8	11.78	136	951744	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.49	164	499688	20.00	ng/ul	0.00
12) Phenanthrene-d10	18.20	188	869672	20.00	ng/ul	0.00
17) Chrysene-d12	22.29	240	610982	20.00	ng/ul	0.00
22) Perylene-d12	24.99	264	619670	20.00	ng/ul	0.00

System Monitoring Compounds

7) Acenaphthylene-d8	15.19	160	978372	18.90	ng/ul	0.00
10) Fluorene-d10	16.46	176	627609	17.43	ng/ul	0.00
14) Anthracene-d10	18.30	188	784746	18.60	ng/ul	0.00
18) Pyrene-d10	20.52	212	620848	20.95	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.81	264	572366	17.40	ng/ul	0.00

Target Compounds

						Qvalue
3) Naphthalene	11.83	128	101233	2.02	ng/ul	98
4) 2-Methylnaphthalene	13.37	142	53728	1.50	ng/ul	95
5) 1-Methylnaphthalene	13.58	142	40140	1.14	ng/ul	97
8) Acenaphthylene	15.22	152	107423	2.00	ng/ul	99
9) Acenaphthene	15.55	153	77517	2.14	ng/ul	95
11) Fluorene	16.52	166	59340	1.46	ng/ul#	97
13) Phenanthrene	18.24	178	719491	14.37	ng/ul	99
15) Anthracene	18.33	178	251088	4.86	ng/ul	99
16) Fluoranthene	20.19	202	1177779	21.25	ng/ul	99
19) Pyrene	20.54	202	959382	24.29	ng/ul	96
20) Benzo(a)anthracene	22.27	228	656251	17.60	ng/ul	98
21) Chrysene	22.33	228	636112	18.00	ng/ul	96
23) Benzo(b)fluoranthene	24.16	252	1097641	28.50	ng/ul	98
24) Benzo(k)fluoranthene	24.20	252	323968m	8.76	ng/ul	
26) Benzo(a)pyrene	24.87	252	633883	17.20	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	27.84	276	481880	11.41	ng/ul	95
28) Dibenzo(a,h)anthracene	27.84	278	135815	3.79	ng/ul#	80
29) Benzo(g,h,i)perylene	28.74	276	431794	12.12	ng/ul	96

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

U.M.
 08/13/15