

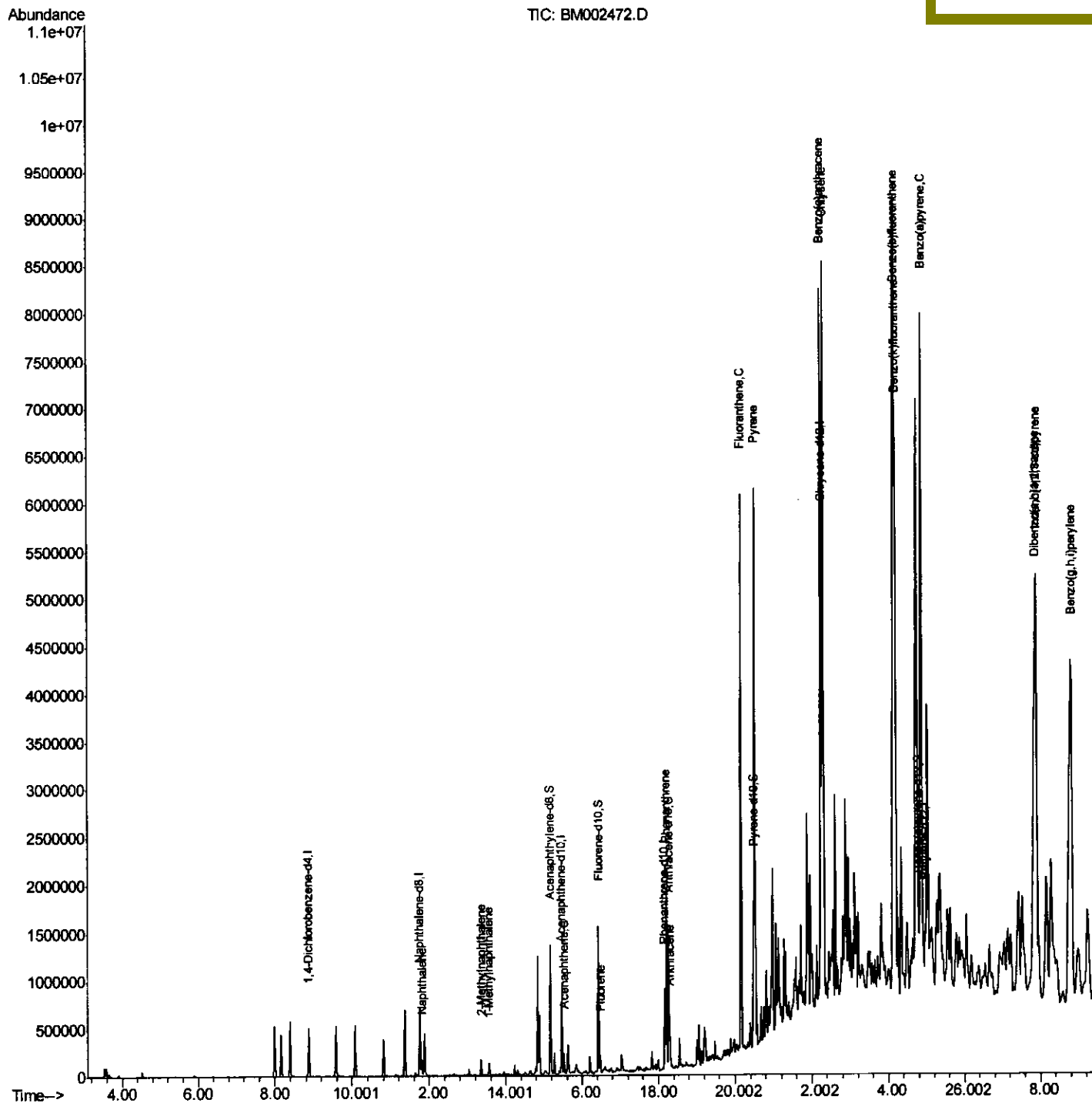
Data Path : Z:\HPCHEM1\BNA M\DATA\BM081715\
Data File : BM002472.D
Acq On : 18 Aug 2015 03:55
Operator : UM/IZ
Sample : G3227-22
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
D9DE1

Quant Time: Aug 18 07:00:25 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM081415MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 18 03:02:54 2015
Response via : Initial Calibration

Manual Integrations
APPROVED

MMDadoda
8/18/2015 5:19:28 PM



Quantitation Report (Qedit)

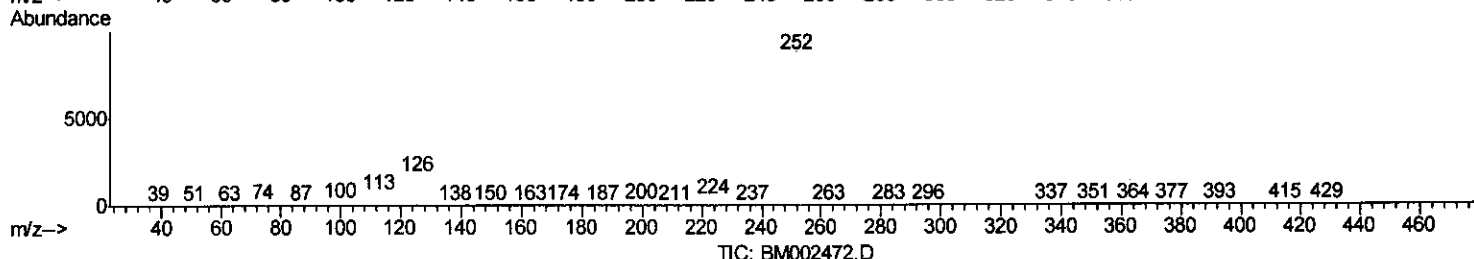
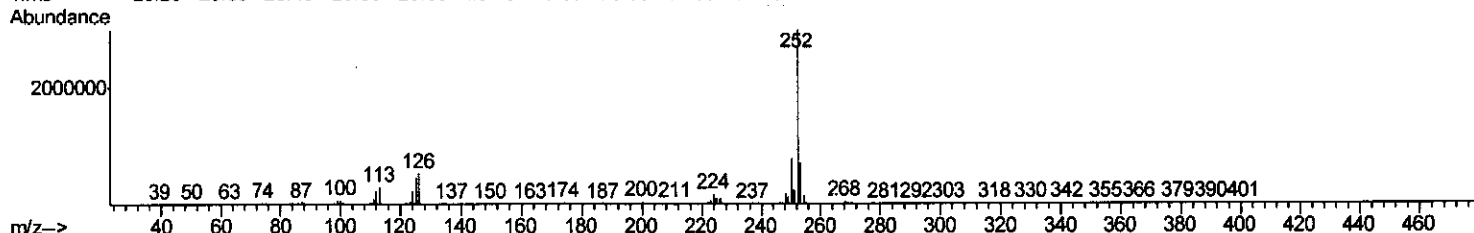
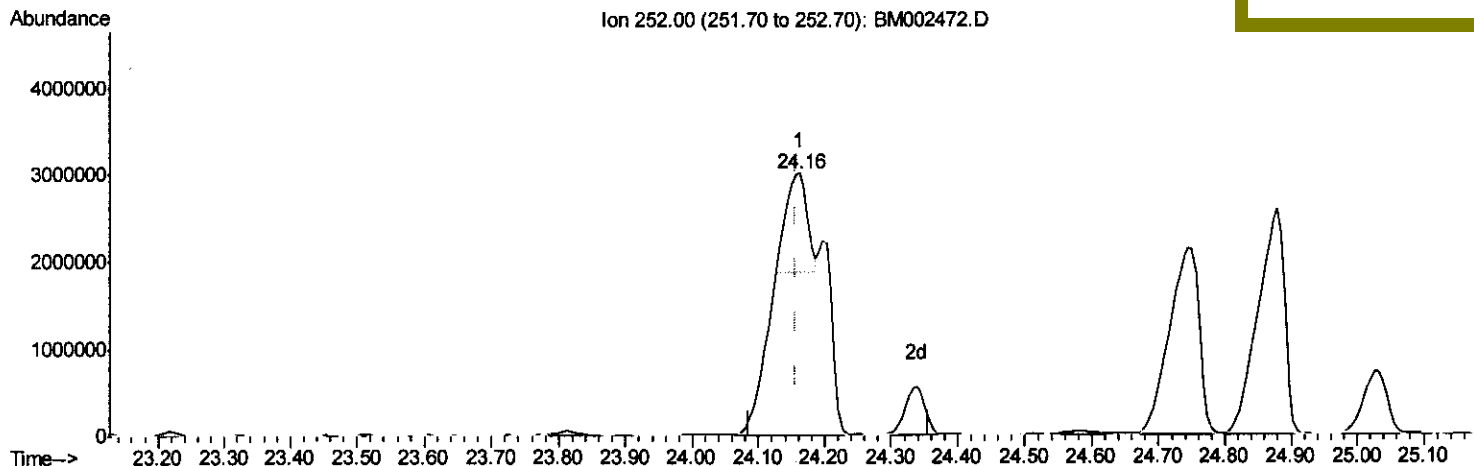
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Quant Time: Aug 18 06:56:57 2015
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM081415MA.M
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(24) Benzo(k)fluoranthene

24.162min (+0.006) 98.57ng/ul

response 2467612

Ion	Exp%	Act%
252.00	100	100
253.00	22.20	23.59
125.00	12.30	15.28#
0.00	0.00	0.00

Quantitation Report (Qedit)

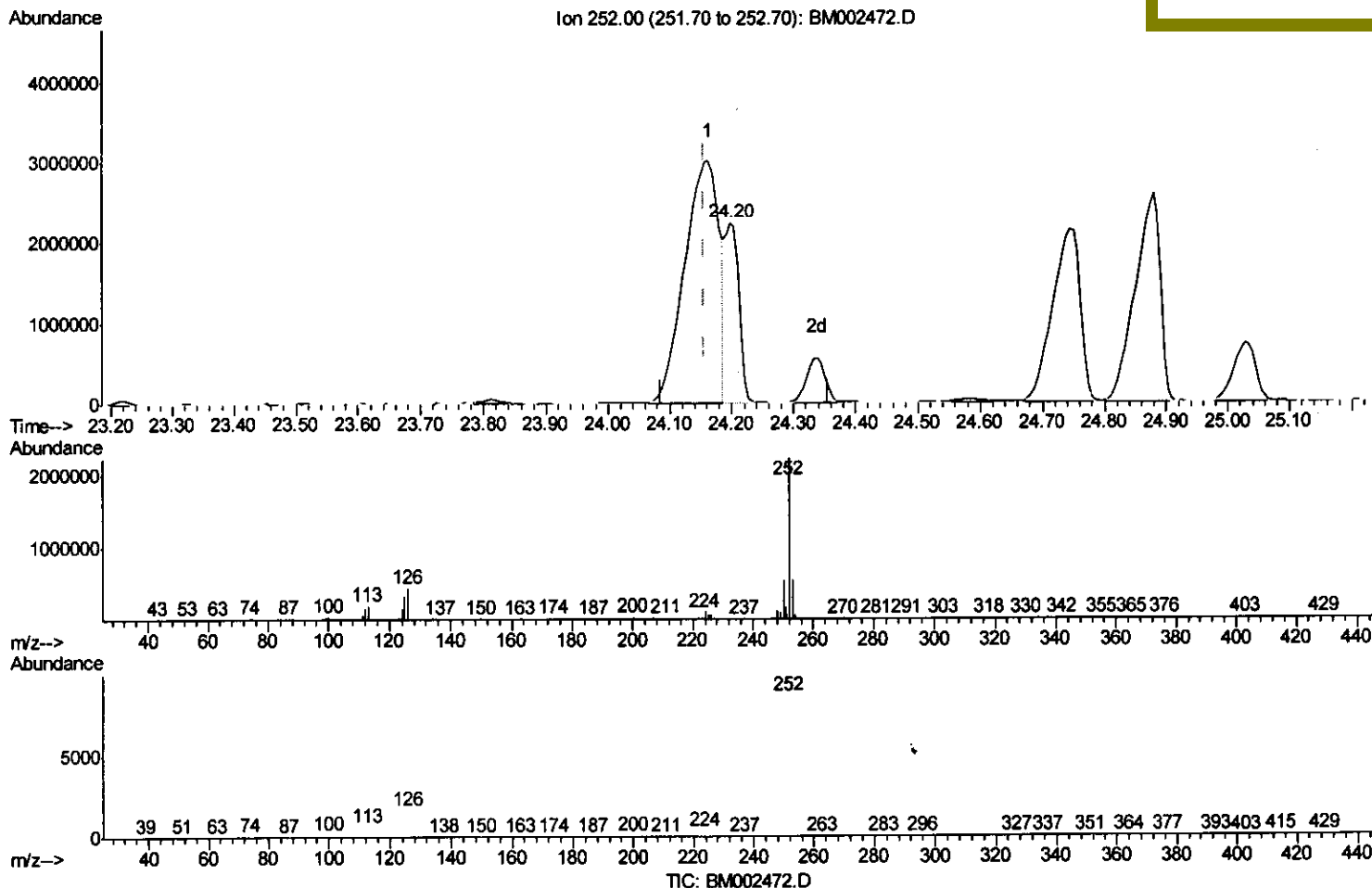
Data Path : Z:\HPCHEM1\BNA M\DATA\BM081715\
Data File : BM002472.D
Acq On : 18 Aug 2015 03:55
Operator : UM/IZ
Sample : G3227-22
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
D9DE1

Quant Time: Aug 18 06:56:57 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM081415MA.M
Quant Title : SVOA CALIBRATION
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Manual Integrations
APPROVED

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(24) Benzo(k)fluoranthene

24.197min (+0.041) 132.93ng/ul m U.M

response 3327649

Ion	Exp%	Act%
252.00	100	100
253.00	22.20	23.69
125.00	12.30	14.14
0.00	0.00	0.00

8/19/15

Data Path : Z:\HPCHEM1\BNA M\DATA\BM081715\
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 Acq On : 18 Aug 2015 03:55
 Operator : UM/IZ
 Sample : G3227-22
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9DE1

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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	8.88	152	155881	20.00	ng/ul	0.00
2) Naphthalene-d8	11.75	136	675318	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.46	164	319109	20.00	ng/ul	0.00
12) Phenanthrene-d10	18.17	188	514906	20.00	ng/ul	0.00
17) Chrysene-d12	22.26	240	365872	20.00	ng/ul	0.01
22) Perylene-d12	24.96	264	436950	20.00	ng/ul	0.03

System Monitoring Compounds

7) Acenaphthylene-d8	15.17	160	1039585	31.86	ng/ul	0.00
10) Fluorene-d10	16.43	176	642750	28.05	ng/ul	0.00
14) Anthracene-d10	18.27	188	776681	31.27	ng/ul	0.00
18) Pvrene-d10	20.49	212	606397	37.39	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.79	264	628122	27.37	ng/ul	0.04

Target Compounds

						Ovalue
3) Naphthalene	11.80	128	166885	4.84	ng/ul	99
4) 2-Methylnaphthalene	13.35	142	85635	3.32	ng/ul	100
5) 1-Methylnaphthalene	13.56	142	69157	2.71	ng/ul	100
9) Acenaphthene	15.52	153	91121	4.05	ng/ul	99
11) Fluorene	16.49	166	81920	3.18	ng/ul	98
13) Phenanthrene	18.22	178	1246903	41.94	ng/ul	99
15) Anthracene	18.30	178	255507	8.48	ng/ul	100
16) Fluoranthene	20.16	202	3668055	108.97	ng/ul	97
19) Pyrene	20.52	202	3684927	171.92	ng/ul	98
20) Benzo(a)anthracene	22.24	228	4375695	199.99	ng/ul	97
21) Chrysene	22.31	228	5243310	256.22	ng/ul	95
23) Benzo(b)fluoranthene	24.16	252	11646201	440.88	ng/ul#	95
24) Benzo(k)fluoranthene	24.20	252	3327649m	132.93	ng/ul	
26) Benzo(a)pvrene	24.88	252	7262831	287.85	ng/ul	97
27) Indeno(1,2,3-cd)pvrene	27.91	276	7588850	261.53	ng/ul	95
28) Dibenzo(a,h)anthracene	27.87	278	2634212	108.61	ng/ul	94
29) Benzo(a,h,i)perylene	28.81	276	6887115	285.14	ng/ul	97

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

U.M
 8/19/15