

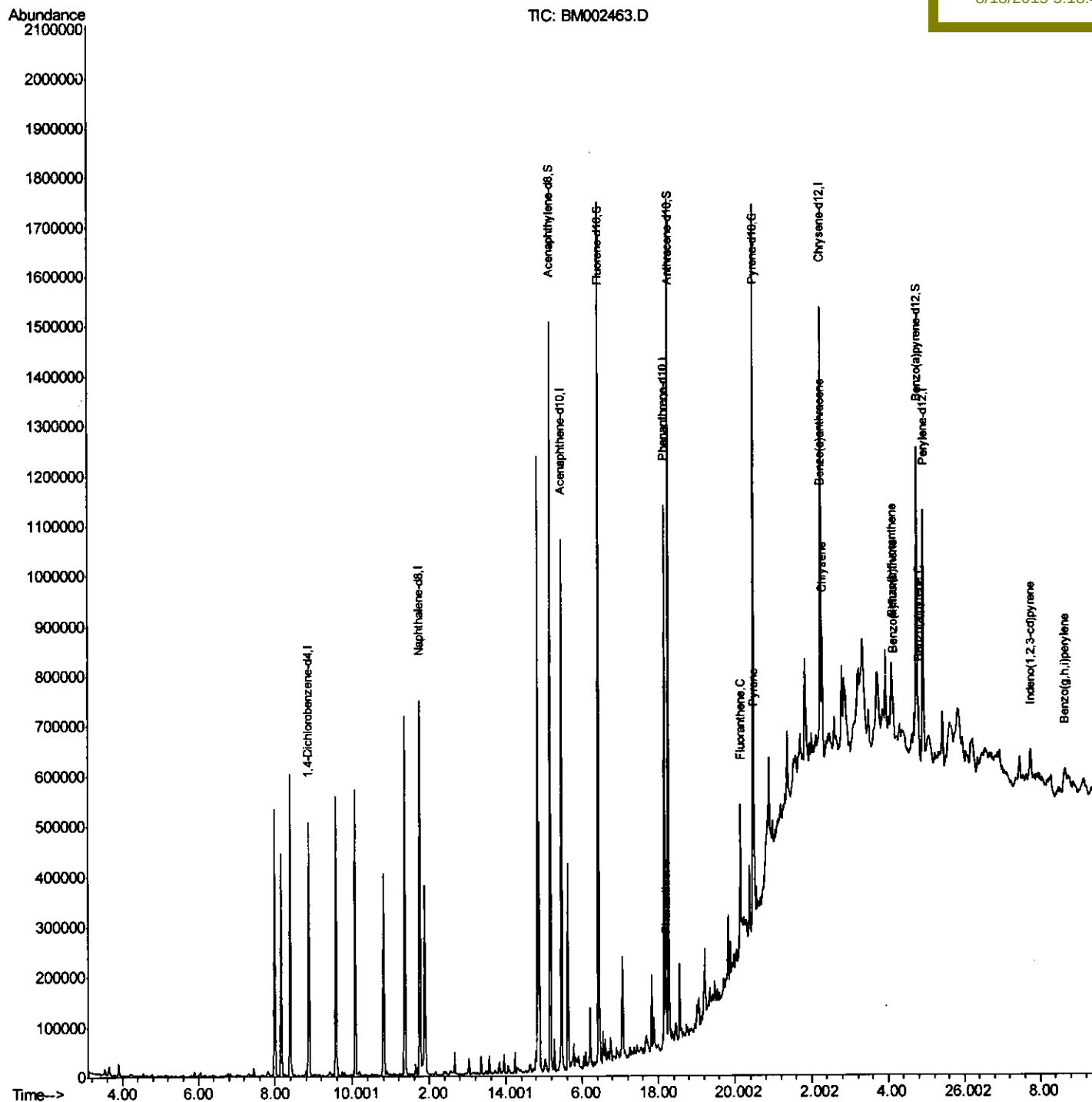
Data Path : Z:\HPCHEM1\BNA M\DATA\BM081715\
Data File : BM002463.D
Acq On : 17 Aug 2015 22:23
Operator : UM/IZ
Sample : G3227-13
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
D9DD2

Quant Time: Aug 18 03:48:03 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 5:18:49 PM



Quantitation Report (Qedit)

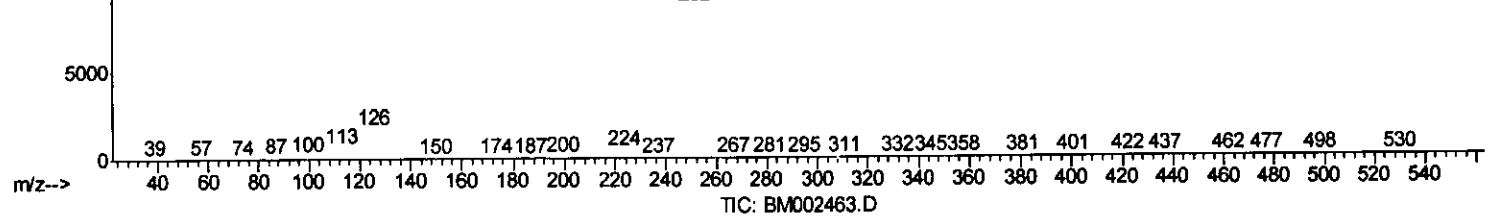
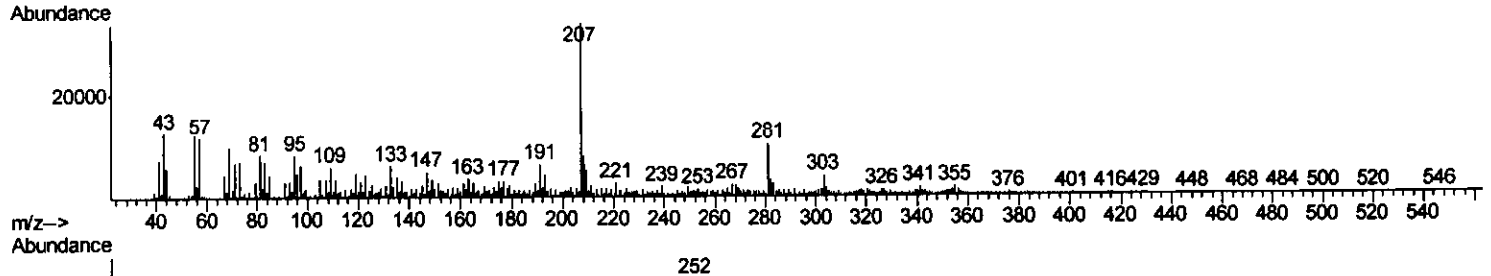
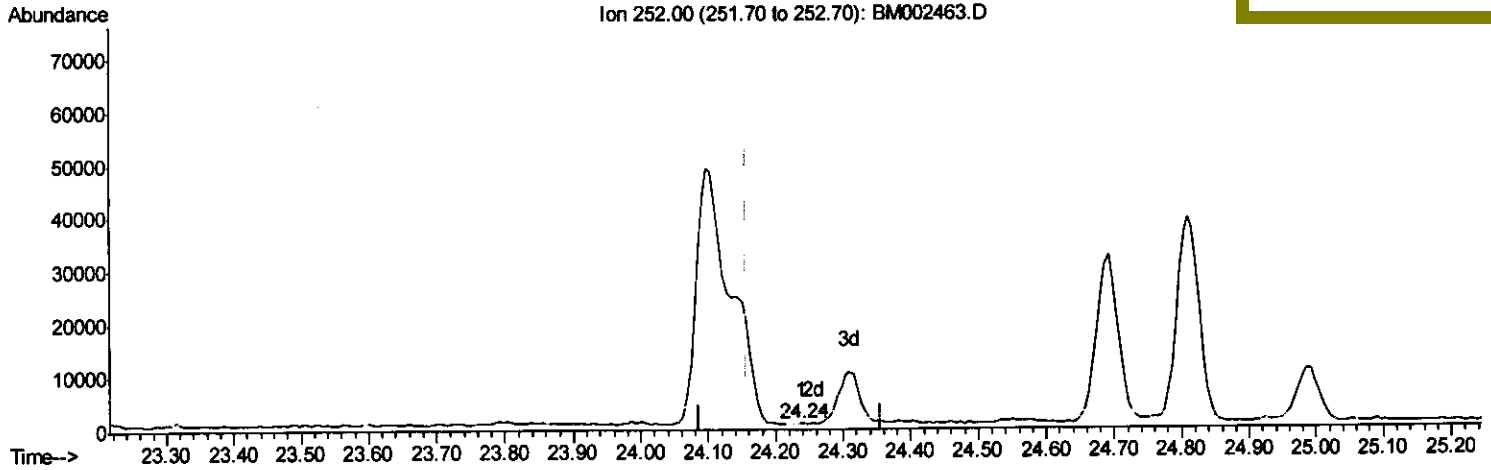
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 Data File : BM002463.D
 Acq On : 17 Aug 2015 22:23
 Operator : UM/IZ
 Sample : G3227-13
 Misc :
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Instrument :
 BNA_M
 ClientSampleId :
 D9DD2

Quant Time: Aug 18 03:06:55 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

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 8/18/2015 5:18:49 PM



(24) Benzo(k)fluoranthene

24.239min (+0.082) 0.01ng/ui

response 211

Ion	Exp%	Act%
252.00	100	100
253.00	22.20	129.99#
125.00	12.30	217.03#
0.00	0.00	0.00

Quantitation Report (Qedit)

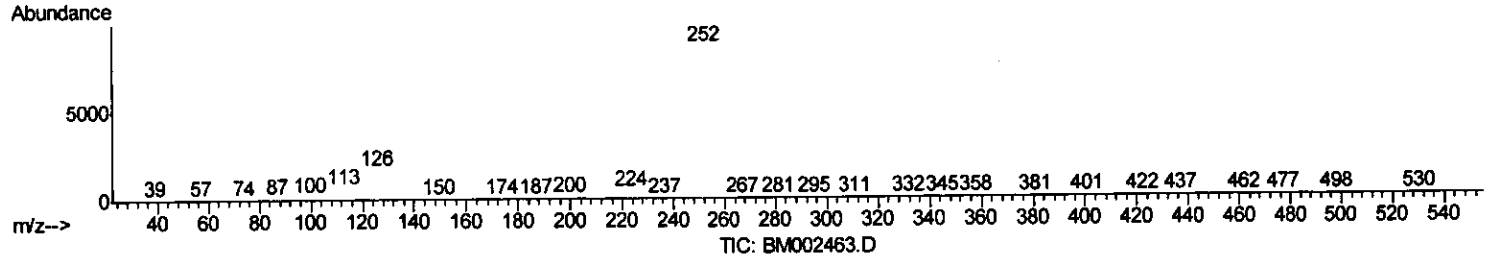
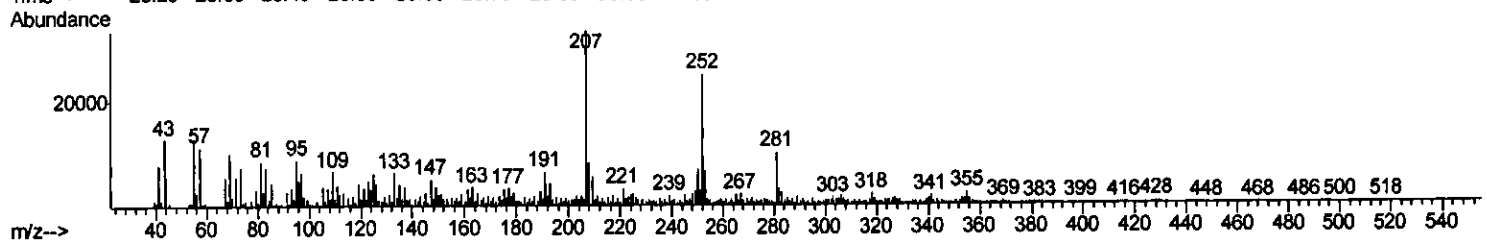
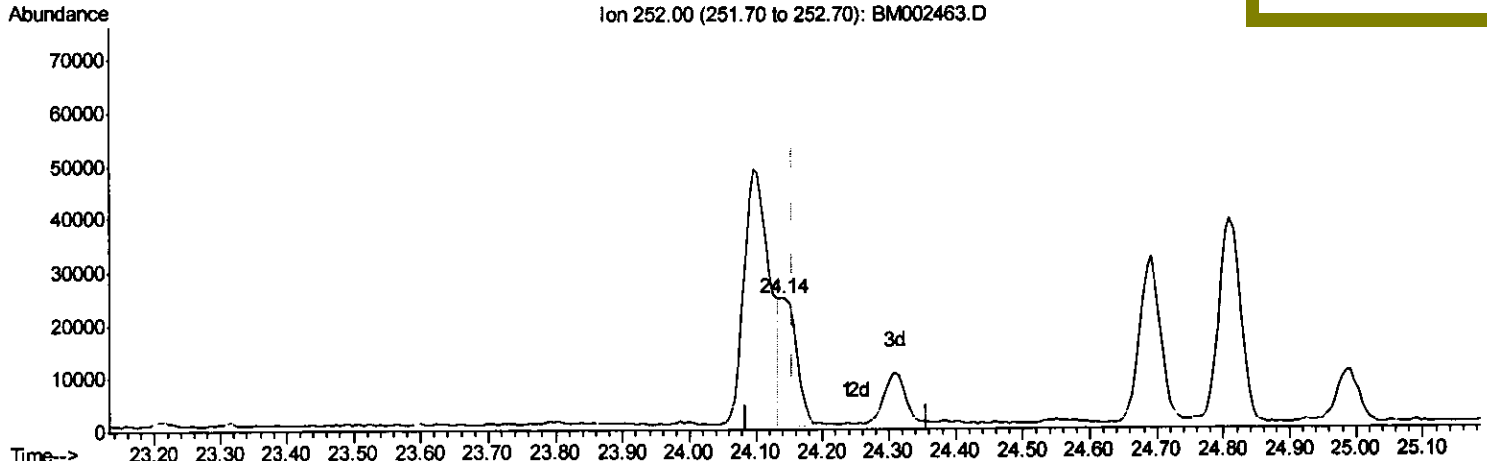
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Manual Integrations
 APPROVED

MMDadoda
 8/18/2015 5:18:49 PM



(24) Benzo(k)fluoranthene

24.139min (-0.018) 1.72ng/ul m *U.M*
8/19/15

response 42322

Ion	Exp%	Act%
252.00	100	100
253.00	22.20	27.89#
125.00	12.30	26.00#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA M\DATA\BM081715\
 Data File : BM002463.D
 Acq On : 17 Aug 2015 22:23
 Operator : UM/IZ
 Sample : G3227-13
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9DD2

Quant Time: Aug 18 03:48:03 2015
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Manual Integrations
 APPROVED

MMDadoda
 8/18/2015 5:18:49 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.88	152	151738	20.00	ng/ul	0.00
2) Naphthalene-d8	11.75	136	686182	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.46	164	351676	20.00	ng/ul	0.00
12) Phenanthrene-d10	18.17	188	666849	20.00	ng/ul	0.00
17) Chrysene-d12	22.25	240	449199	20.00	ng/ul	0.00
22) Perylene-d12	24.93	264	430552	20.00	ng/ul	0.00

System Monitoring Compounds

7) Acenaphthylene-d8	15.17	160	1122039	31.21	ng/ul	0.00
10) Fluorene-d10	16.43	176	720528	28.53	ng/ul	0.00
14) Anthracene-d10	18.27	188	961176	29.88	ng/ul	0.00
18) Pvrene-d10	20.49	212	741170	37.22	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.76	264	524614	23.20	ng/ul	0.00

Target Compounds

						Ovalue
13) Phenanthrene	18.21	178	78615	2.04	ng/ul	99
16) Fluoranthene	20.16	202	166275	3.81	ng/ul	99
19) Pyrene	20.51	202	144643	5.50	ng/ul	99
20) Benzo(a)anthracene	22.23	228	88684	3.30	ng/ul#	94
21) Chrysene	22.29	228	94383	3.76	ng/ul#	91
23) Benzo(b)fluoranthene	24.10	252	128902	4.95	ng/ul#	88
24) Benzo(k)fluoranthene	24.14	252	42322m	1.72	ng/ul	
26) Benzo(a)pyrene	24.81	252	89610	3.60	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	27.77	276	65738	2.30	ng/ul	97
29) Benzo(a,h,i)perylene	28.65	276	67643	2.84	ng/ul#	90

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

U.M
 8/18/15