

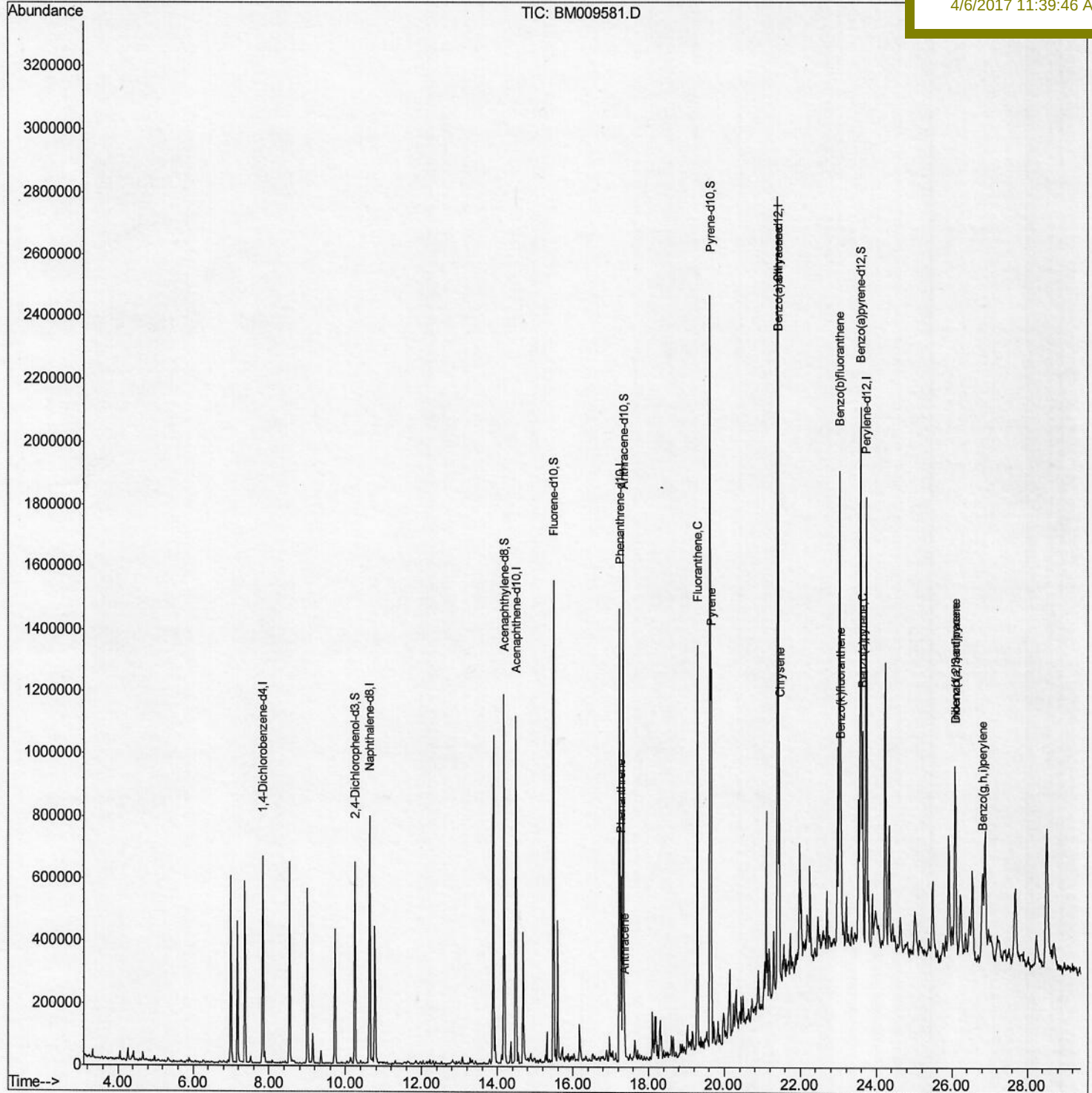
Data Path : Z:\HPCHEM1\BNA M\DATA\BM040617\
Data File : BM009581.D
Acq On : 06 Apr 2017 05:09
Operator : SJ/MA
Sample : I2524-14
Misc :
ALS Vial : 29 Sample Multiplier: 1

Quant Time: Apr 06 05:44:42 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM040417-PAH.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Apr 06 03:48:05 2017
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
CB358

Manual Integrations
APPROVED

mohammad
4/6/2017 11:39:46 AM



Quantitation Report (Qedit)

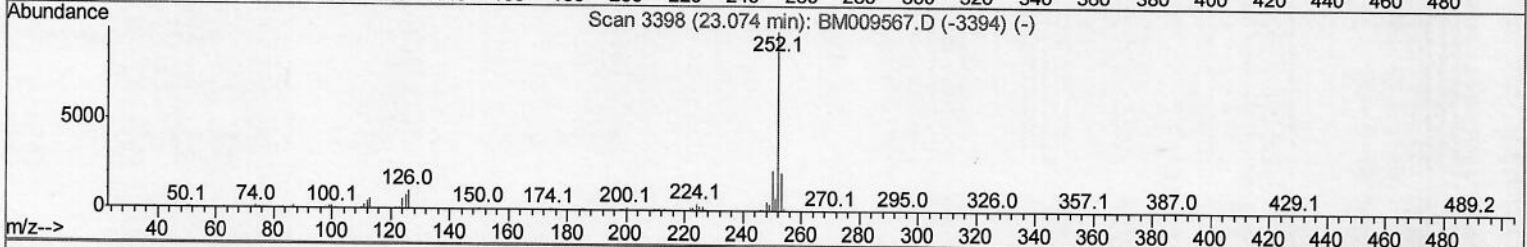
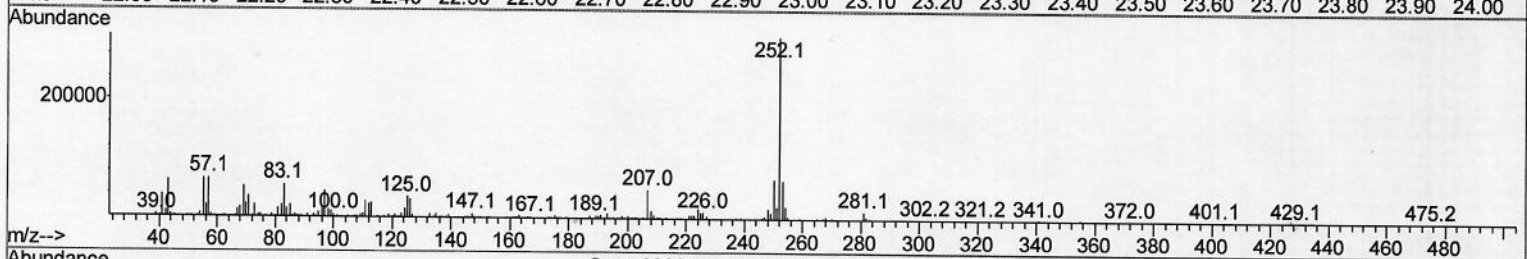
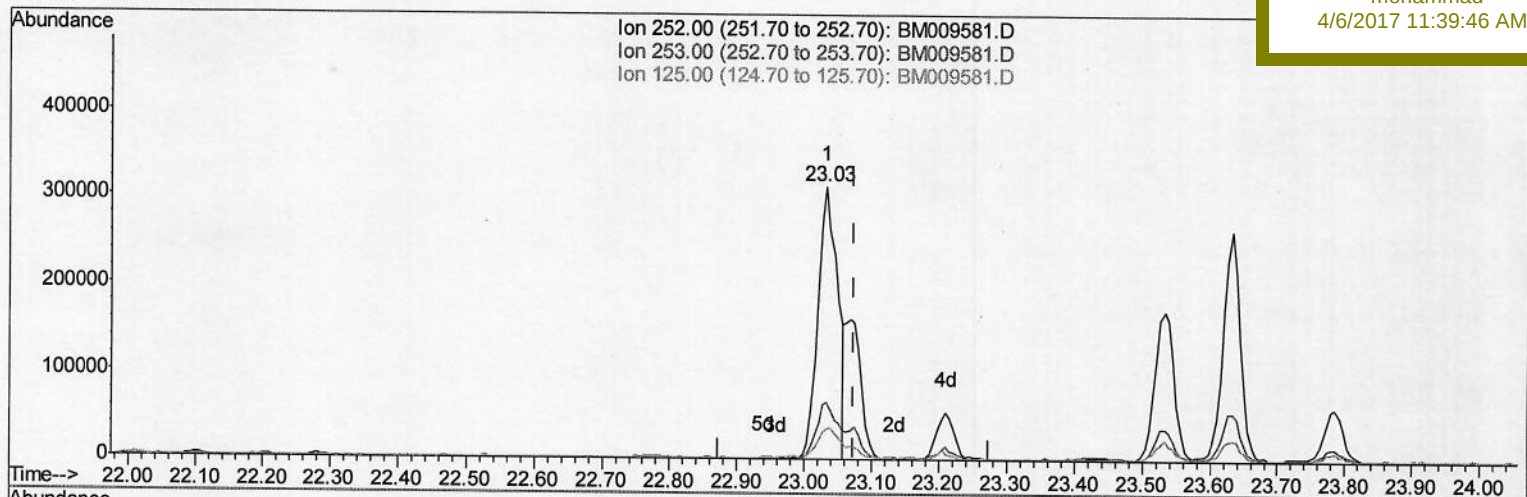
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mohammad
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TIC: BM009581.D

(25) Benzo(k)fluoranthene
 23.033min (-0.041) 10.38ng/ul
 response 641033

Ion	Exp%	Act%
252.00	100	100
253.00	21.80	21.29
125.00	11.00	11.45
0.00	0.00	0.00

Quantitation Report (Qedit)

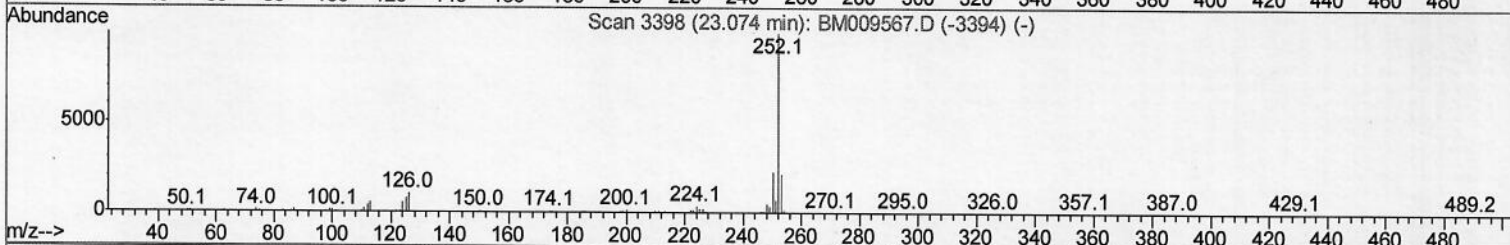
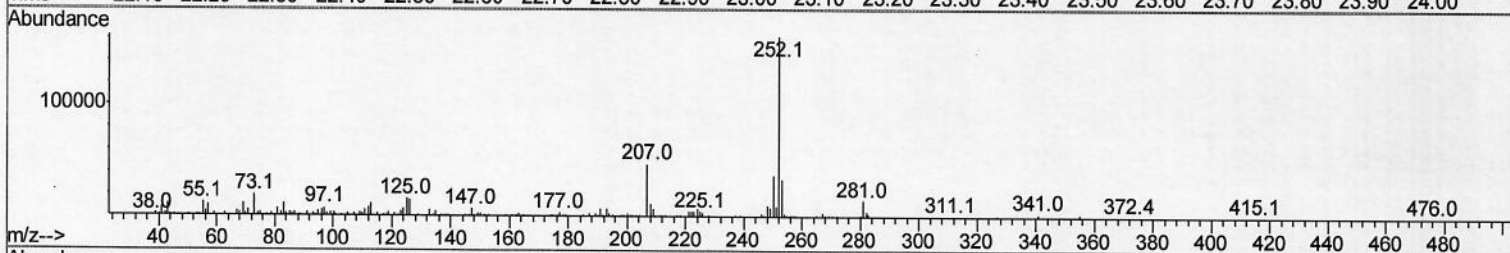
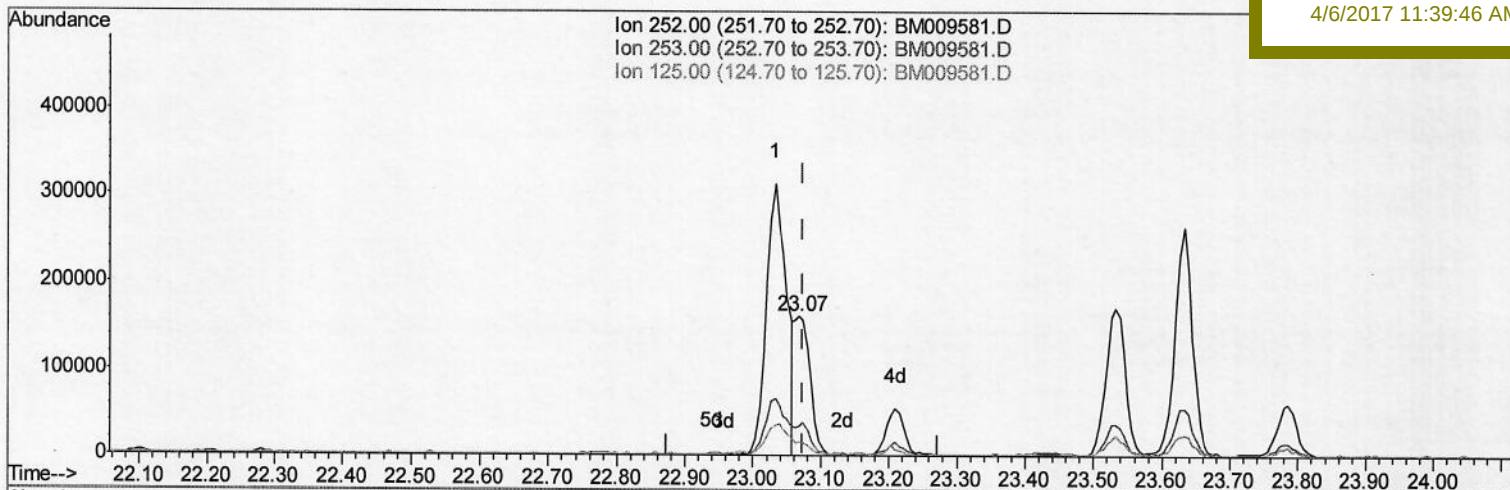
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Instrument :
 BNA_M
 ClientSampled :
 CB358

Manual Integrations
 APPROVED

mohammad
 4/6/2017 11:39:46 AM



TIC: BM009581.D

(25) Benzo(k)fluoranthene

23.068min (-0.006) 4.31ng/ul m

response 266247

SJ
 09/10/2017

Ion	Exp%	Act%
252.00	100	100
253.00	21.80	20.70
125.00	11.00	9.47
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA M\DATA\BM040617\
 Data File : BM009581.D
 Acq On : 06 Apr 2017 05:09
 Operator : SJ/MA
 Sample : I2524-14
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_M
 Client Sample ID :
 CB358

Manual Integrations
 APPROVED

mohammad
 4/6/2017 11:39:46 AM

Quant Time: Apr 06 05:44:42 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM040417-PAH.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 06 03:48:05 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	152329	20.00	ng/ul	0.00
2) Naphthalene-d8	10.64	136	590872	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.49	164	336720	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.23	188	775776	20.00	ng/ul	0.00
18) Chrysene-d12	21.41	240	1050406	20.00	ng/ul	0.00
23) Perylene-d12	23.73	264	1047721	20.00	ng/ul	0.00

System Monitoring Compounds

3) 2,4-Dichlorophenol-d3	10.25	165	195571	21.53	ng/uL	0.00
7) Acenaphthylene-d8	14.17	160	776091	23.52	ng/ul	0.00
10) Fluorene-d10	15.48	176	558316	23.52	ng/ul	0.00
15) Anthracene-d10	17.33	188	882028	23.76	ng/ul	0.00
19) Pyrene-d10	19.63	212	1105708	25.62	ng/ul	0.00
26) Benzo(a)pyrene-d12	23.59	264	1171094	25.32	ng/ul	0.00

Target Compounds

	R.T.	QIon	Response	Conc	Units	Qvalue
14) Phenanthrene	17.27	178	325519	7.46	ng/ul	98
16) Anthracene	17.37	178	66944	1.48	ng/ul	98
17) Fluoranthene	19.29	202	715562	13.17	ng/ul#	95
20) Pyrene	19.66	202	681375	11.91	ng/ul	94
21) Benzo(a)anthracene	21.40	228	414383	6.98	ng/ul	97
22) Chrysene	21.45	228	430106	7.90	ng/ul	94
24) Benzo(b)fluoranthene	23.03	252	641033	9.89	ng/ul	99
25) Benzo(k)fluoranthene	23.07	252	266247m	4.31	ng/ul	
27) Benzo(a)pyrene	23.63	252	464542	7.54	ng/ul#	97
28) Indeno(1,2,3-cd)pyrene	26.09	276	362779	5.25	ng/ul#	92
29) Dibenzo(a,h)anthracene	26.09	278	93625	1.59	ng/ul#	91
30) Benzo(a,h,i)perylene	26.82	276	326455	5.73	ng/ul#	94

SJ
 04/10/2017

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