

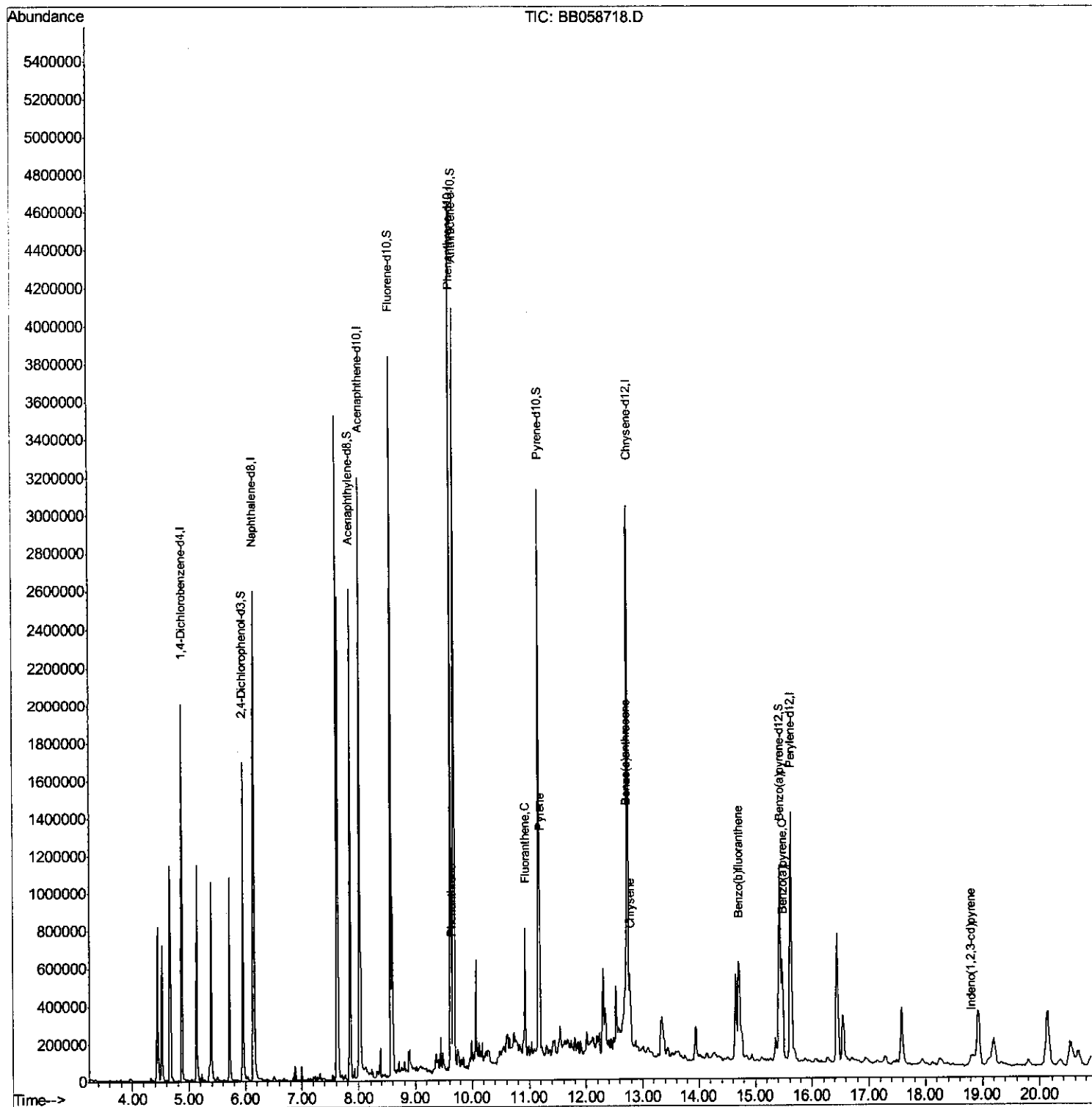
Data Path : Z:\HPCHEM1\BNA B\DATA\BB030917\
Data File : BB058718.D
Acq On : 9 Mar 2017 18:48
Operator : UM/SJ
Sample : I2107-12
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_B
ClientSampleId :
C0AK1

Manual Integrations
APPROVED

mohammad
3/15/2017 5:09:00 PM

Quant Time: Mar 15 15:44:50 2017
Quant Method : Z:\HPCHEM1\BNA B\METHOD\SOM-EPA-BB030917-PAH.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Mar 15 14:21:30 2017
Response via : Initial Calibration



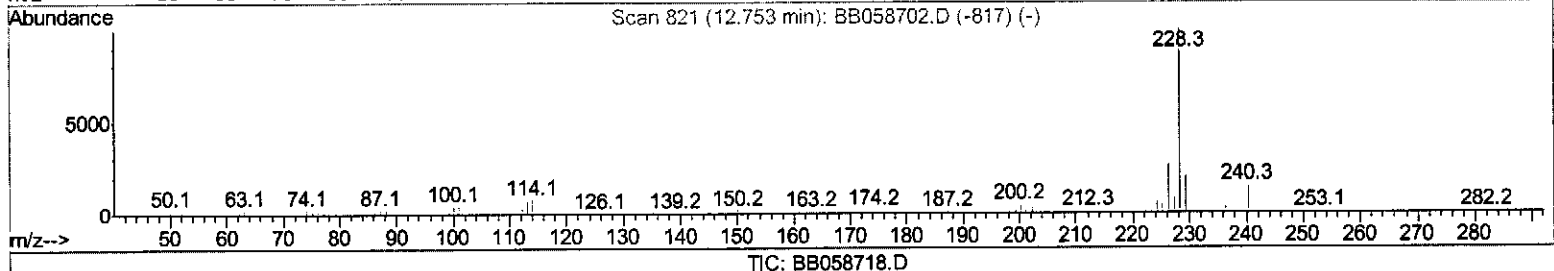
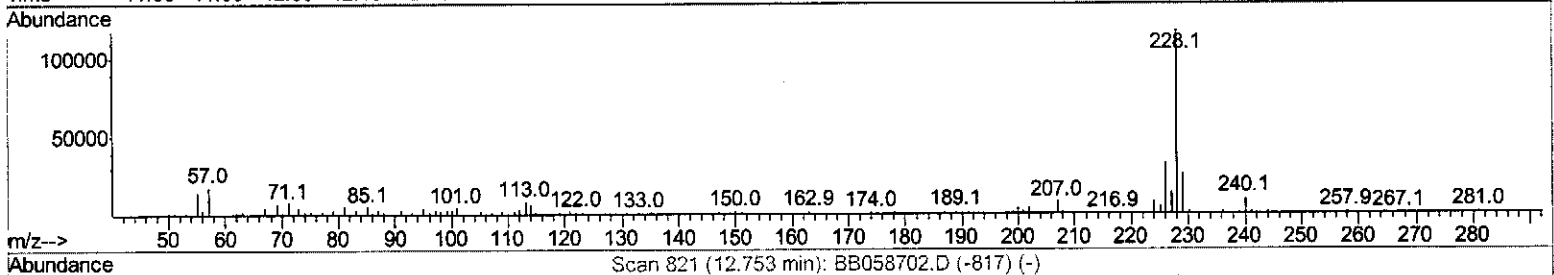
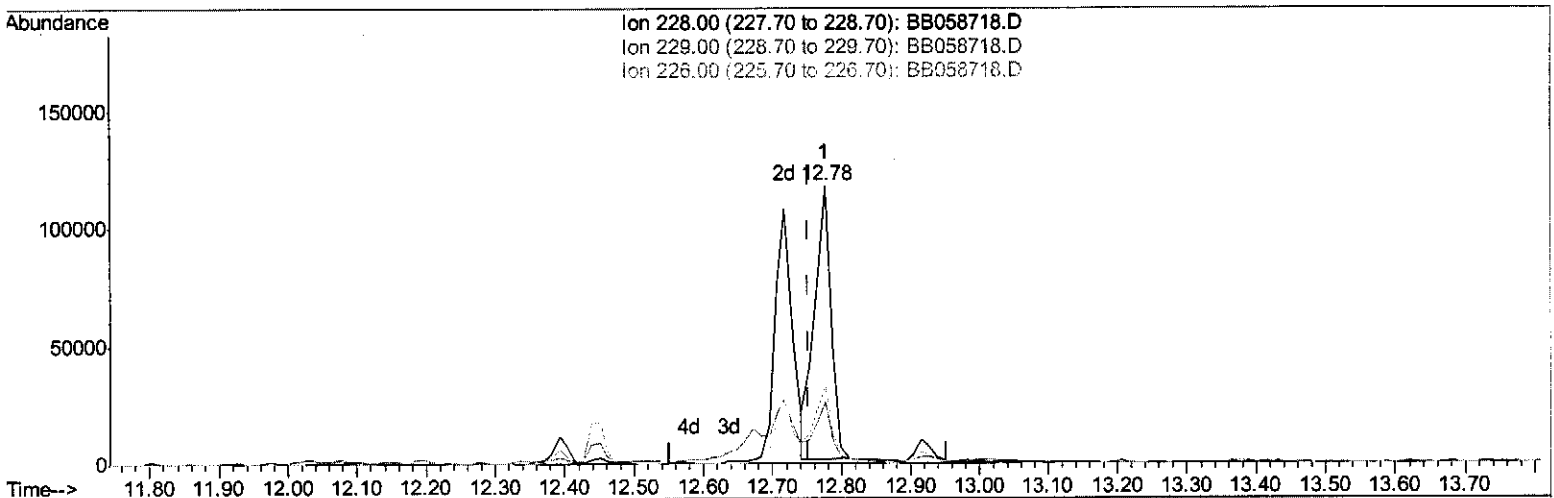
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(21) Benzo(a)anthracene

12.776min (+0.023) 2.16ng/ul

response 193877

Ion	Exp%	Act%
228.00	100	100
229.00	19.60	22.36
226.00	26.30	27.90
0.00	0.00	0.00

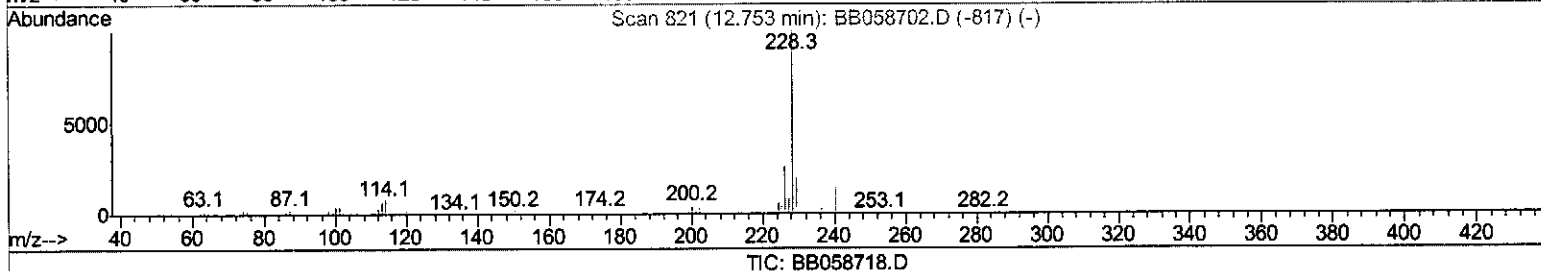
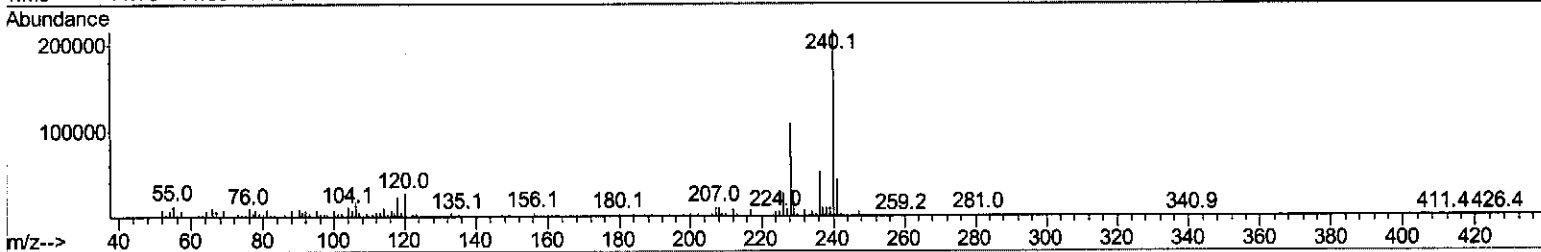
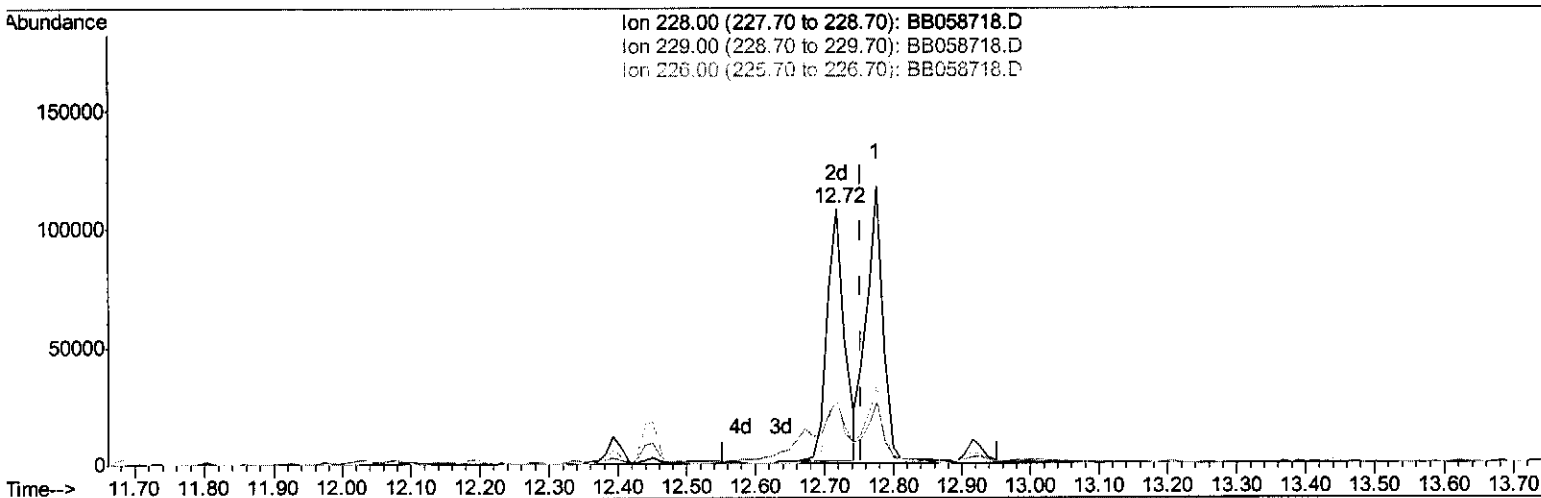
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Response via : Initial Calibration



TIC: BB058718.D

(21) Benzo(a)anthracene

12.718min (-0.035) 2.13ng/ul m SJ 3/15/17

response 190598

Ion	Exp%	Act%
228.00	100	100
229.00	19.60	24.88#
226.00	26.30	25.51
0.00	0.00	0.00

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 Acq On : 9 Mar 2017 18:48
 Operator : UM/SJ
 Sample : I2107-12
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_B
 ClientSampleId :
 C0AK1

Manual Integrations
 APPROVED

mohammad
 3/15/2017 5:09:00 PM

Quant Time: Mar 15 15:44:50 2017
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 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Mar 15 14:21:30 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	4.87	152	385672	20.00	ng/ul	-0.02
2) Naphthalene-d8	6.15	136	1414985	20.00	ng/ul	-0.02
6) Acenaphthene-d10	8.02	164	958407	20.00	ng/ul	-0.02
12) Phenanthrene-d10	9.62	188	1937564	20.00	ng/ul	-0.02
18) Chrysene-d12	12.74	240	1707488	20.00	ng/ul	-0.03
23) Perylene-d12	15.63	264	1230001	20.00	ng/ul	-0.06

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 2,4-Dichlorophenol-d3	5.95	165	427432	15.85	ng/uL	-0.03
7) Acenaphthylene-d8	7.84	160	1542090	20.65	ng/ul	-0.03
10) Fluorene-d10	8.56	176	1123098	18.51	ng/ul	-0.02
15) Anthracene-d10	9.68	188	1569490	18.21	ng/ul	-0.02
19) Pyrene-d10	11.17	212	1566204	20.17	ng/ul	-0.02
26) Benzo(a)pyrene-d12	15.43	264	972159	17.67	ng/ul	-0.06

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
14) Phenanthrene	9.64	178	186895	1.94	ng/ul	97
17) Fluoranthene	10.93	202	383386	4.27	ng/ul#	83
20) Pyrene	11.19	202	352332	3.71	ng/ul#	94
21) Benzo(a)anthracene	12.72	228	190598m>	2.13	ng/ul	97
22) Chrysene	12.78	228	194387	2.38	ng/ul	97
24) Benzo(b)fluoranthene	14.70	252	287021	3.81	ng/ul#	95
27) Benzo(a)pyrene	15.48	252	148407	2.19	ng/ul	99
28) Indeno(1,2,3-cd)pyrene	18.81	276	66646	1.08	ng/ul#	88

SJ 3/15/17

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