

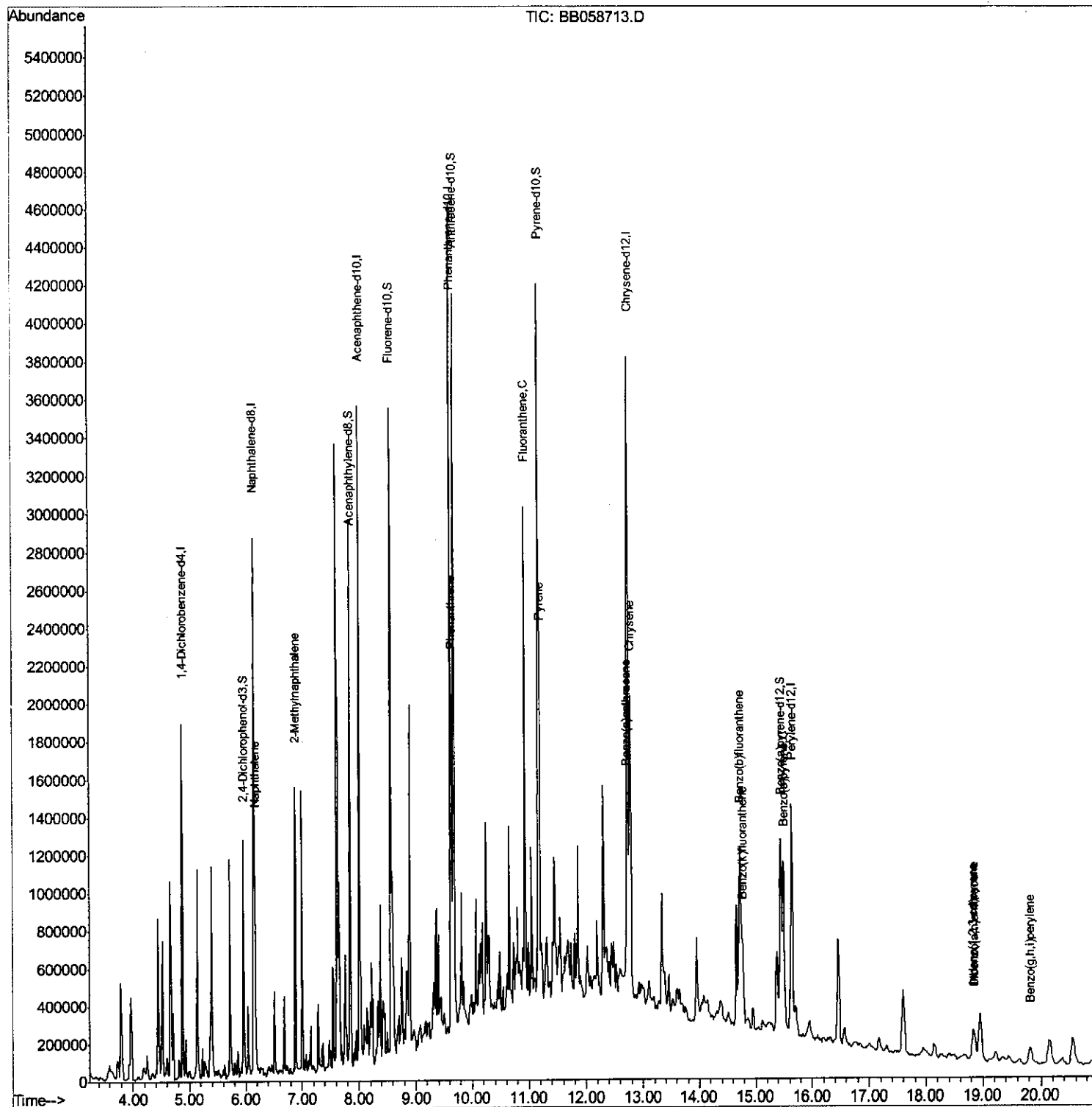
Data Path : Z:\HPCHEM1\BNA B\DATA\BB030917\
Data File : BB058713.D
Acq On : 9 Mar 2017 16:35
Operator : UM/SJ
Sample : I2107-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_B
ClientSampled :
C0AJ6

Manual Integrations
APPROVED

mohammad
3/15/2017 5:08:57 PM

Quant Time: Mar 15 14:55:15 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



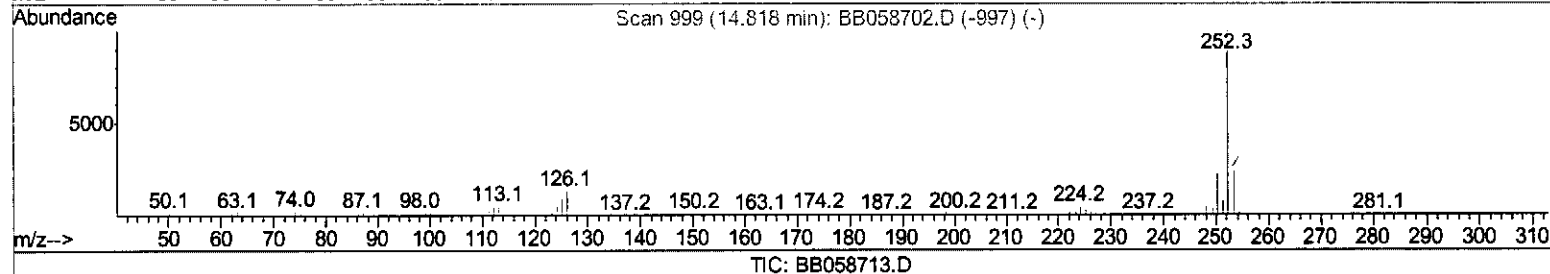
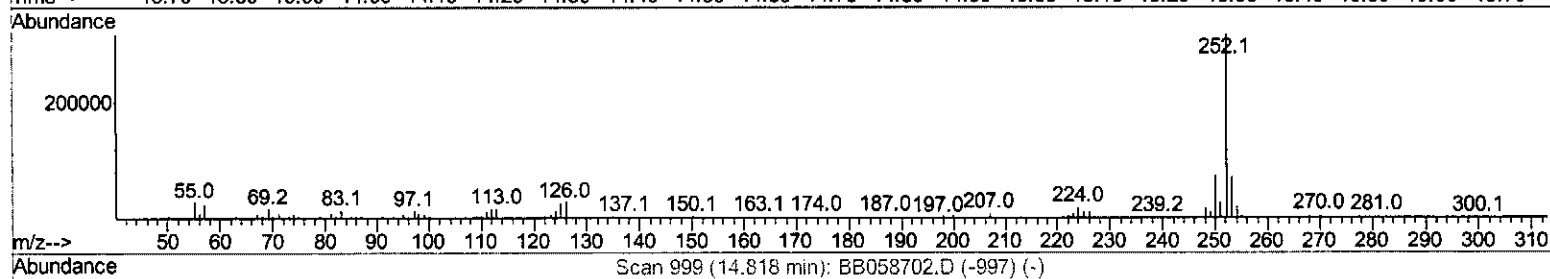
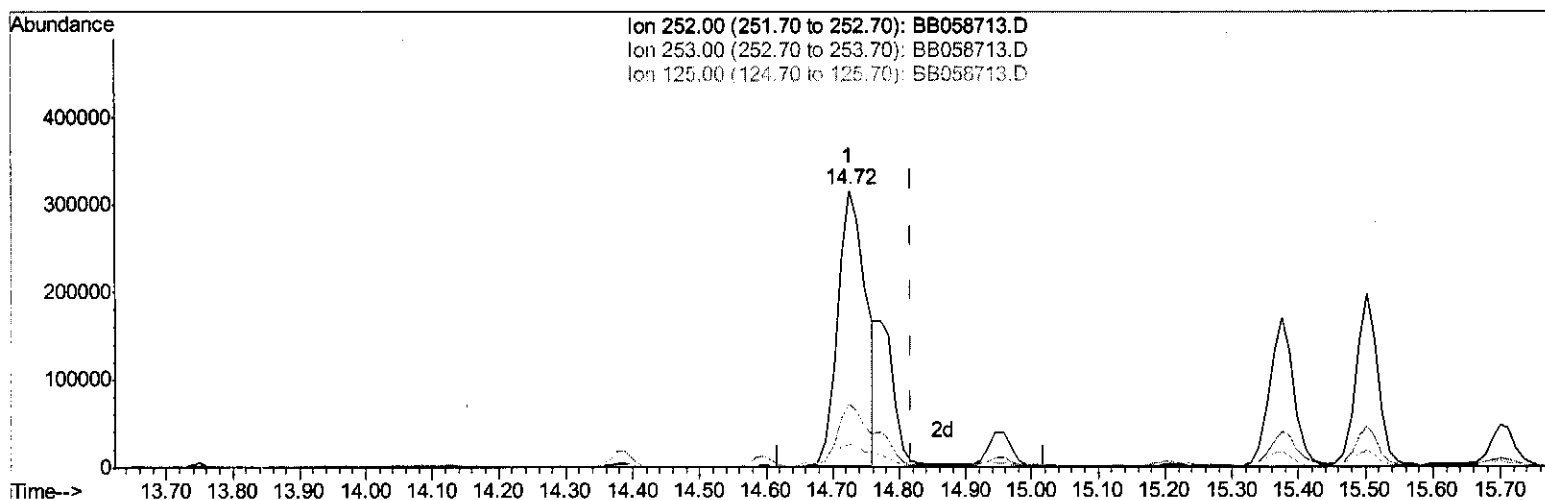
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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration



(25) Benzo(k)fluoranthene

14.725min (-0.094) 15.22ng/ul

response 939445

Ion	Exp%	Act%
252.00	100	100
253.00	22.80	22.66
125.00	8.70	8.31
0.00	0.00	0.00

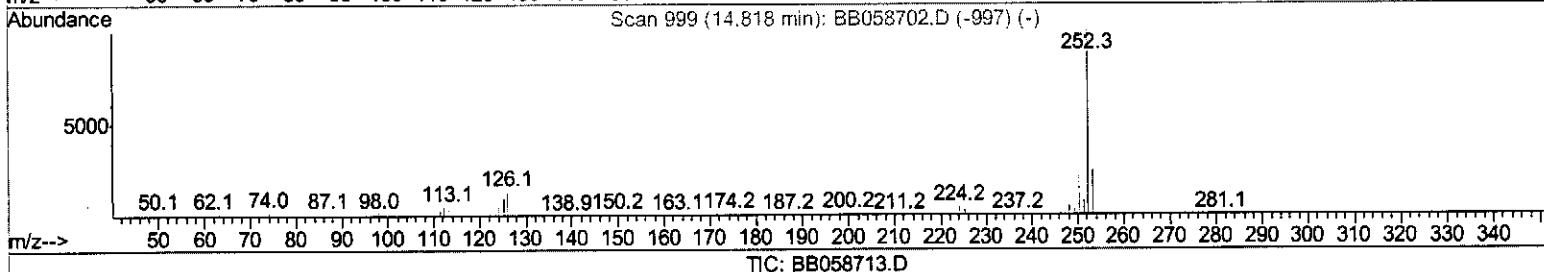
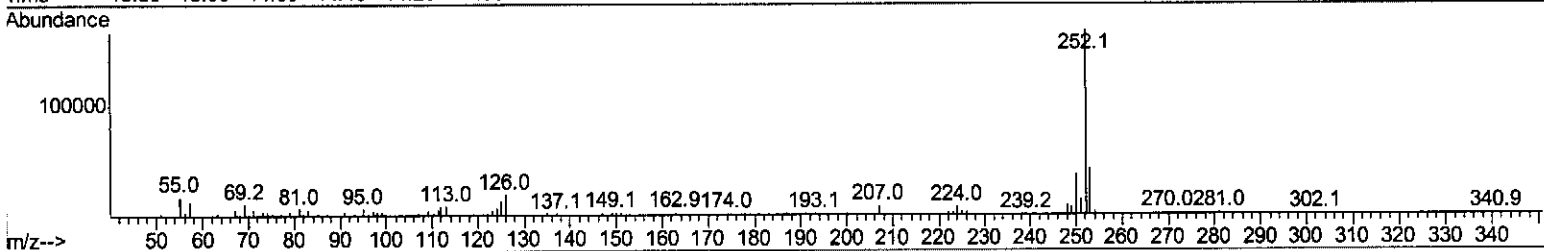
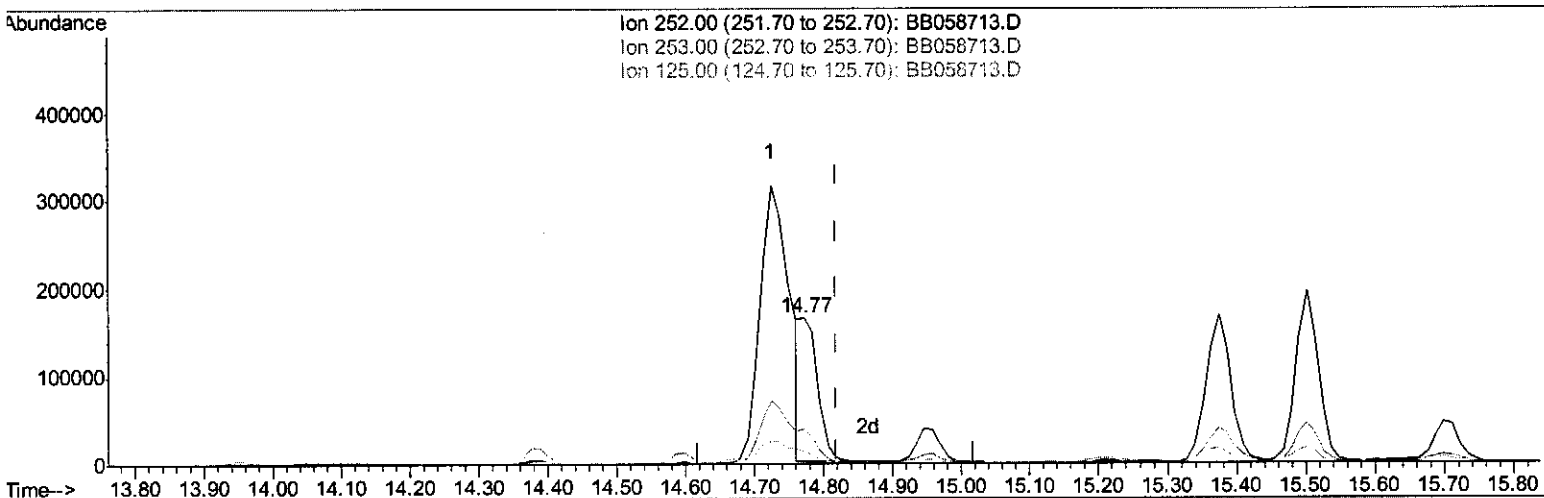
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Response via : Initial Calibration



TIC: BB058713.D

(25) Benzo(k)fluoranthene

14.771min (-0.047) 4.56ng/ul m SJ 3/15/17

response 281705

Ion	Exp%	Act%
252.00	100	100
253.00	22.80	24.57
125.00	8.70	8.78
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA B\DATA\BB030917\
 Data File : BB058713.D
 Acq On : 9 Mar 2017 16:35
 Operator : UM/SJ
 Sample : I2107-07
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_B
 ClientSampleId :
 C0AJ6

Manual Integrations
 APPROVED

mohammad
 3/15/2017 5:08:57 PM

Quant Time: Mar 15 14:55:15 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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	4.87	152	363347	20.00	ng/ul	-0.02
2) Naphthalene-d8	6.15	136	1355144	20.00	ng/ul	-0.02
6) Acenaphthene-d10	8.02	164	904647	20.00	ng/ul	-0.02
12) Phenanthrene-d10	9.62	188	1796726	20.00	ng/ul	-0.02
18) Chrysene-d12	12.74	240	1665231	20.00	ng/ul	-0.04
23) Perylene-d12	15.64	264	1152138	20.00	ng/ul	-0.05

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 2,4-Dichlorophenol-d3	5.96	165	396840	15.37	ng/uL	-0.02
7) Acenaphthylene-d8	7.85	160	1491625	21.16	ng/ul	-0.02
10) Fluorene-d10	8.56	176	1065084	18.60	ng/ul	-0.02
15) Anthracene-d10	9.68	188	1514686	18.95	ng/ul	-0.02
19) Pyrene-d10	11.17	212	1506629	19.90	ng/ul	-0.02
26) Benzo(a)pyrene-d12	15.44	264	946498	18.36	ng/ul	-0.05

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) Naphthalene	6.17	128	502984	7.60	ng/ul#	77
5) 2-Methylnaphthalene	6.88	142	566689	11.46	ng/ul	100
14) Phenanthrene	9.64	178	749116	8.40	ng/ul	99
17) Fluoranthene	10.93	202	1135946	13.63	ng/ul#	87
20) Pyrene	11.20	202	1059329	11.43	ng/ul#	90
21) Benzo(a)anthracene	12.72	228	497185	5.69	ng/ul	96
22) Chrysene	12.79	228	730564	9.17	ng/ul	99
24) Benzo(b)fluoranthene	14.72	252	939445	13.32	ng/ul	98
25) Benzo(k)fluoranthene	14.77	252	281705m>	4.56	ng/ul	98
27) Benzo(a)pyrene	15.50	252	441473	6.97	ng/ul	98
28) Indeno(1,2,3-cd)pyrene	18.83	276	211822	3.66	ng/ul#	90
29) Dibenzo(a,h)anthracene	18.84	278	57490	1.16	ng/ul#	84
30) Benzo(a,h,i)perylene	19.82	276	161330	3.57	ng/ul	94

SJ 3/15/17

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