

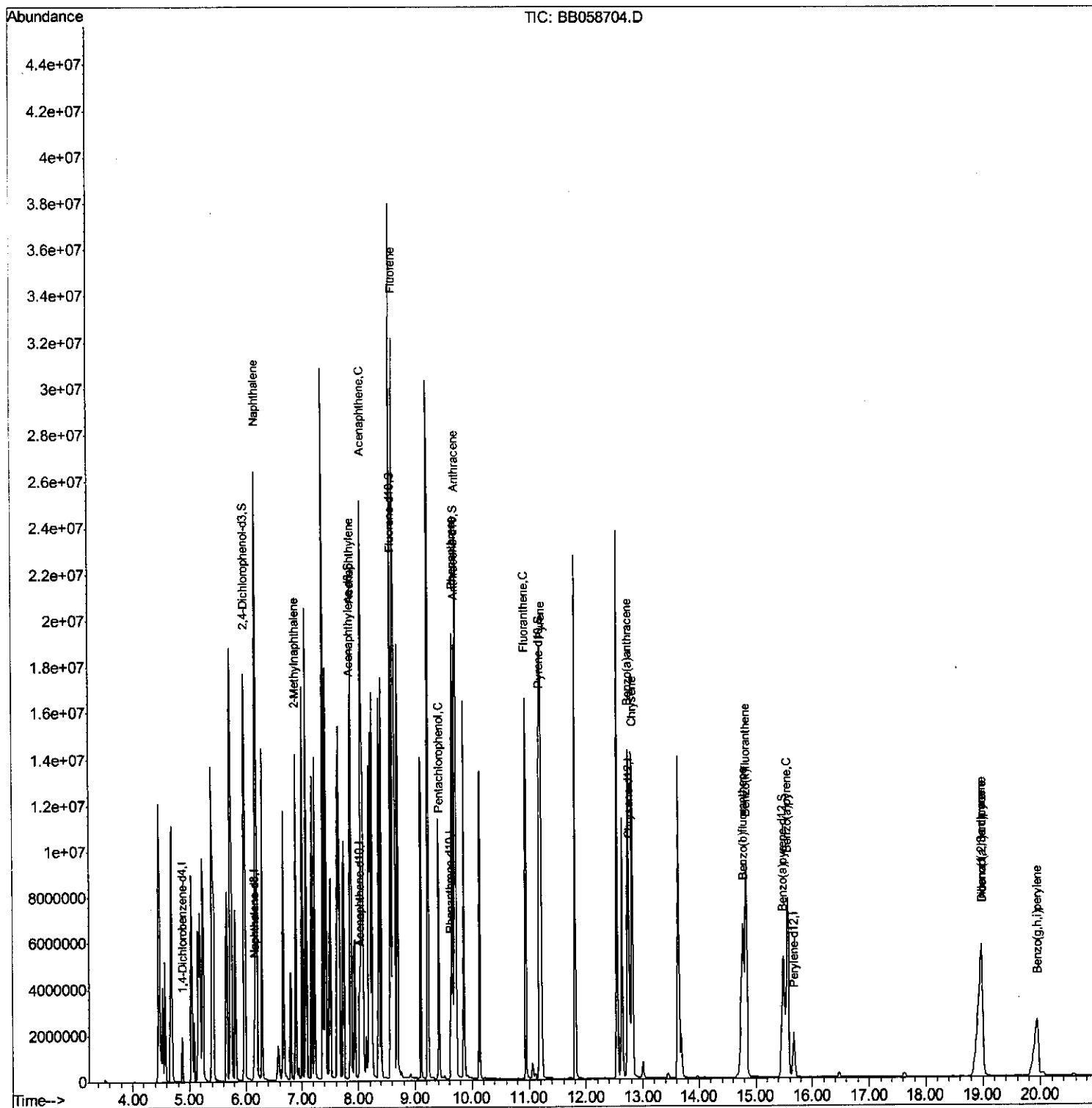
Data Path : Z:\HPCHEM1\BNA B\DATA\BB030917\
Data File : BB058704.D
Acq On : 9 Mar 2017 12:02
Operator : UM/SJ
Sample : SSTD08089
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_B
Client Sampled :
SSTD08089

Manual Integrations
APPROVED

mohammad
3/15/2017 5:08:49 PM

Quant Time: Mar 15 14:15:43 2017
Quant Method : Z:\HPCHEM1\BNA B\METHOD\SOM-EPA-BB030917-PAH.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Mar 15 14:09:33 2017
Response via : Initial Calibration



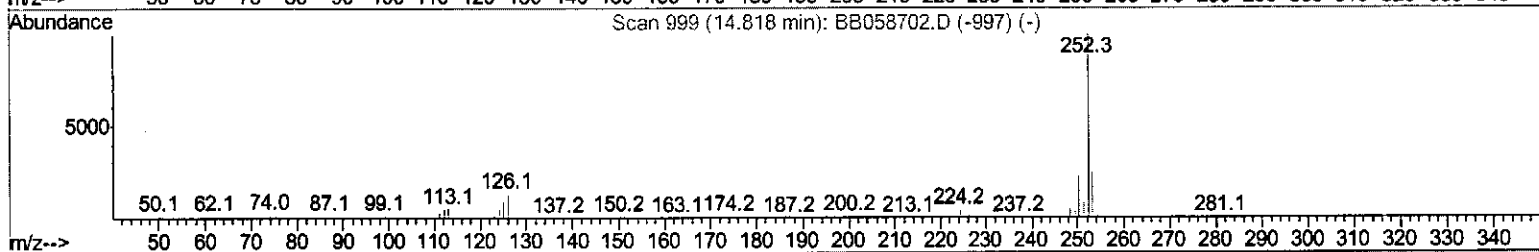
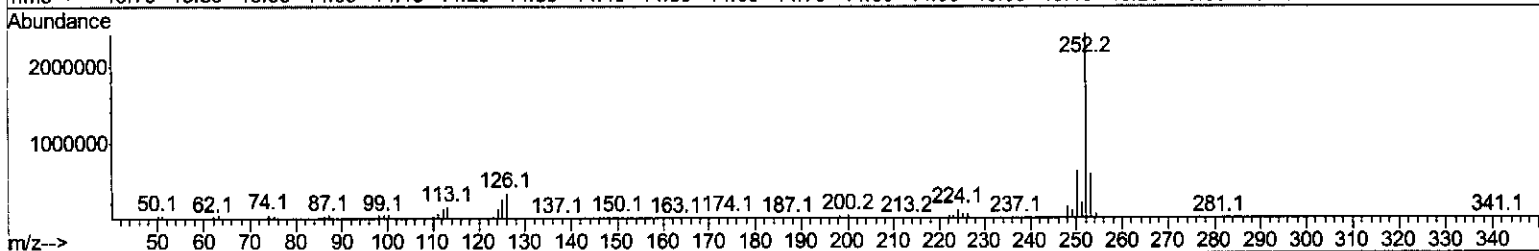
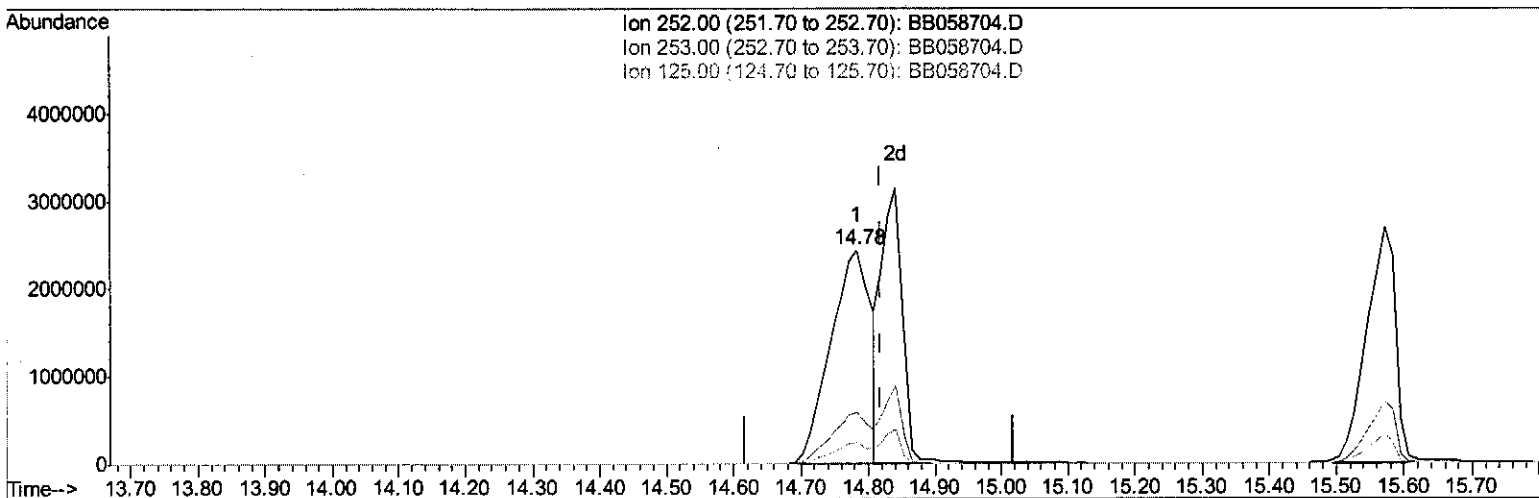
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TIC: BB058704.D

(25) Benzo(k)fluoranthene

14.784min (-0.035) 108.59ng/ul

response 10063662

Ion	Exp%	Act%
252.00	100	100
253.00	22.80	24.06
125.00	8.70	10.14
0.00	0.00	0.00

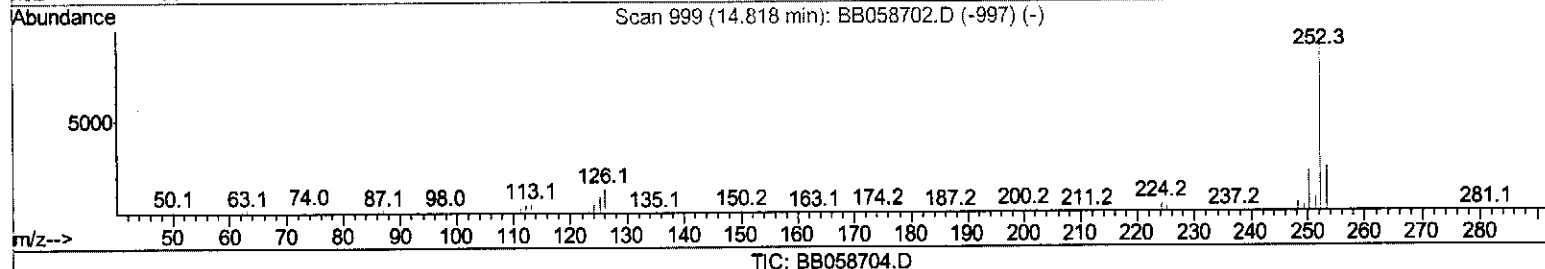
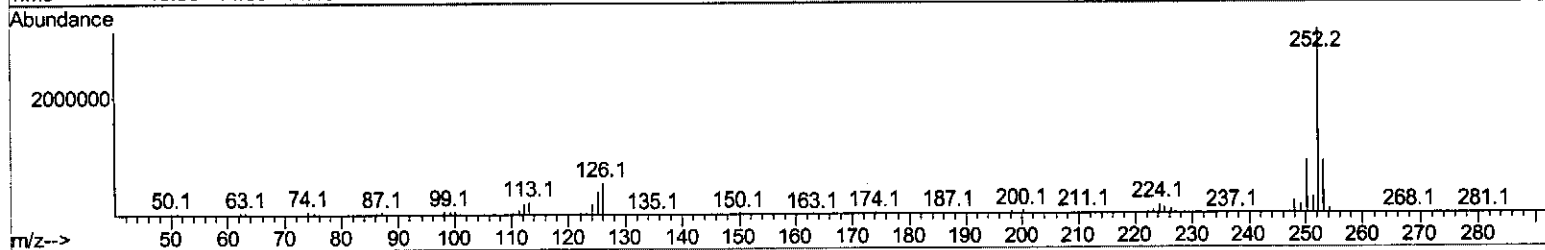
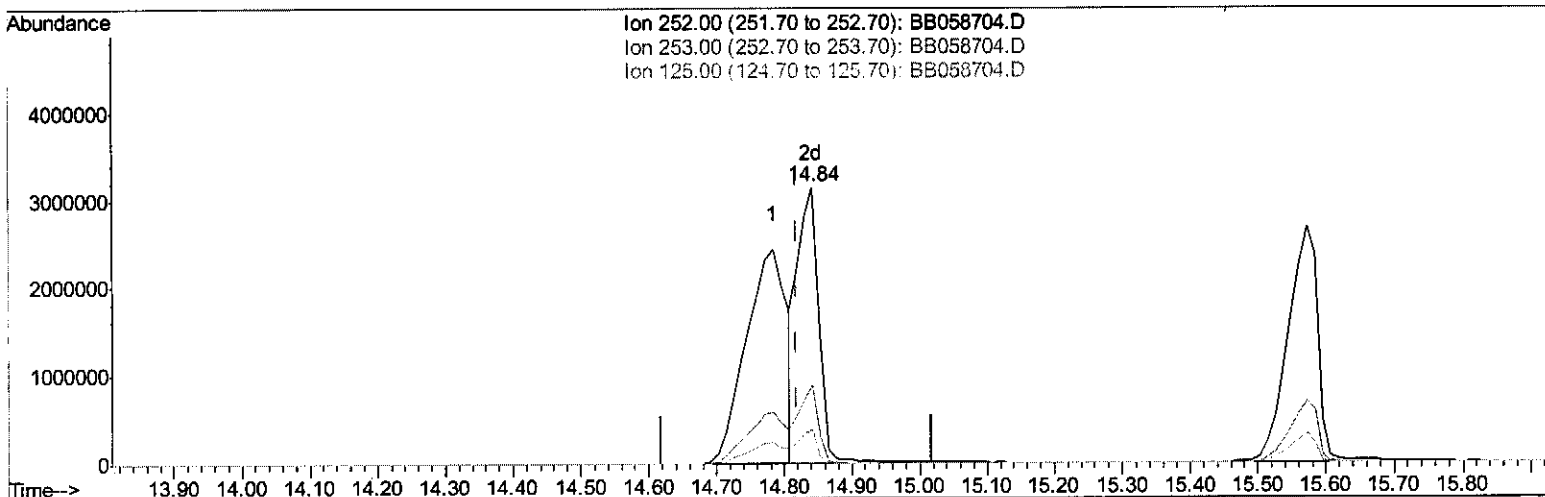
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Response via : Initial Calibration



TIC: BB058704.D

(25) Benzo(k)fluoranthene

14.842min (+0.023) 75.10ng/ul m SJ 3/15/17

response 6959888

Ion	Exp%	Act%
252.00	100	100
253.00	22.80	28.15#
125.00	8.70	12.19#
0.00	0.00	0.00

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 Operator : UM/SJ
 Sample : SSTD08089
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_B
 ClientSampled :
 SSTD08089

Manual Integrations
 APPROVED

mohammad
 3/15/2017 5:08:49 PM

Quant Time: Mar 15 14:15:43 2017
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 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Mar 15 14:09:33 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	4.87	152	409982	20.00	ng/ul	-0.02
2) Naphthalene-d8	6.16	136	1632090	20.00	ng/ul	-0.01
6) Acenaphthene-d10	8.03	164	1269654	20.00	ng/ul	-0.01
12) Phenanthrene-d10	9.63	188	2191697	20.00	ng/ul	-0.01
18) Chrysene-d12	12.76	240	2276004	20.00	ng/ul	-0.01
23) Perylene-d12	15.68	264	1733139	20.00	ng/ul	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 2,4-Dichlorophenol-d3	5.98	165	2912929	93.66	ng/uL	-0.01
7) Acenaphthylene-d8	7.87	160	6867278	69.41	ng/ul	-0.01
10) Fluorene-d10	8.59	176	5858819	77.27	ng/ul	0.00
15) Anthracene-d10	9.70	188	7027601	72.08	ng/ul	0.00
19) Pyrene-d10	11.19	212	7231516	69.87	ng/ul	-0.01
26) Benzo(a)pyrene-d12	15.49	264	6909216	89.11	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) Naphthalene	6.18	128	5796907	72.75	ng/ul#	52
5) 2-Methylnaphthalene	6.89	142	4887276	82.07	ng/ul	97
8) Acenaphthylene	7.88	152	6145007	66.59	ng/ul#	68
9) Acenaphthene	8.06	153	5076189	74.90	ng/ul#	85
11) Fluorene	8.62	166	5708367	67.95	ng/ul#	90
13) Pentachlorophenol	9.42	266	1754360	94.45	ng/uL	98
14) Phenanthrene	9.67	178	6787101	62.40	ng/ul#	46
16) Anthracene	9.72	178	6762006	61.77	ng/ul#	33
17) Fluoranthene	10.94	202	7117850	70.04	ng/ul#	78
20) Pyrene	11.22	202	7173251	56.64	ng/ul#	81
21) Benzo(a)anthracene	12.75	228	8512599	71.26	ng/ul#	75
22) Chrysene	12.82	228	7483480	68.76	ng/ul#	72
24) Benzo(b)fluoranthene	14.78	252	10063662	94.84	ng/ul#	95
25) Benzo(k)fluoranthene	14.84	252	6959888m)	75.10	ng/ul	
27) Benzo(a)pyrene	15.57	252	8100486	84.99	ng/ul#	91
28) Indeno(1,2,3-cd)pyrene	19.00	276	7652171	87.86	ng/ul	96
29) Dibenzo(a,h)anthracene	19.00	278	6757224	90.78	ng/ul	98
30) Benzo(a,h,i)perylene	19.95	276	5574036	81.95	ng/ul	98

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