

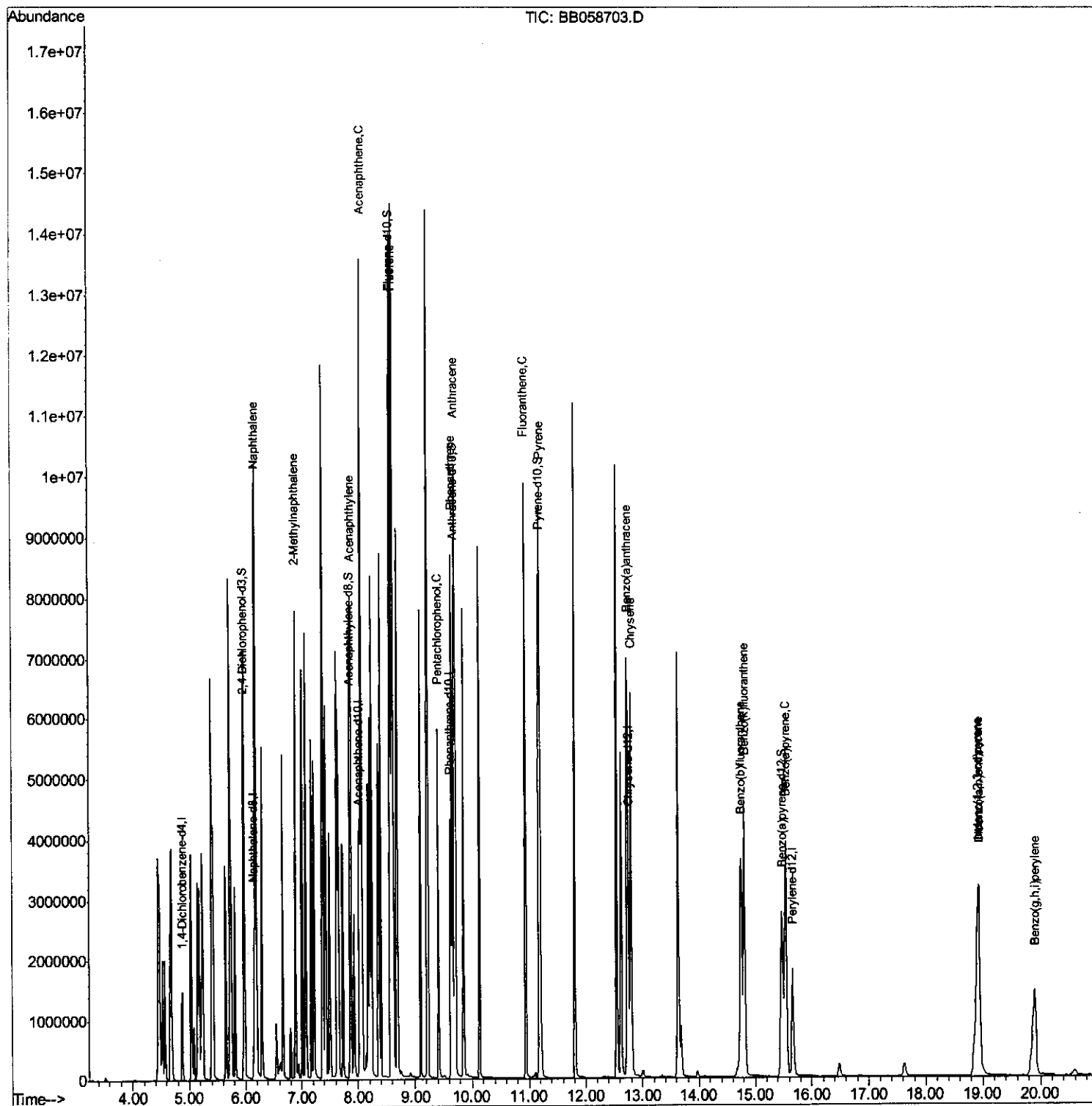
Data Path : Z:\HPCHEM1\BNA B\DATA\BB030917\
Data File : BB058703.D
Acq On : 9 Mar 2017 11:35
Operator : UM/SJ
Sample : SSTD04088
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_B
Client Sample ID :
SSTD04088

Manual Integrations
APPROVED

mohammad
3/15/2017 5:08:45 PM

Quant Time: Mar 15 14:13:57 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



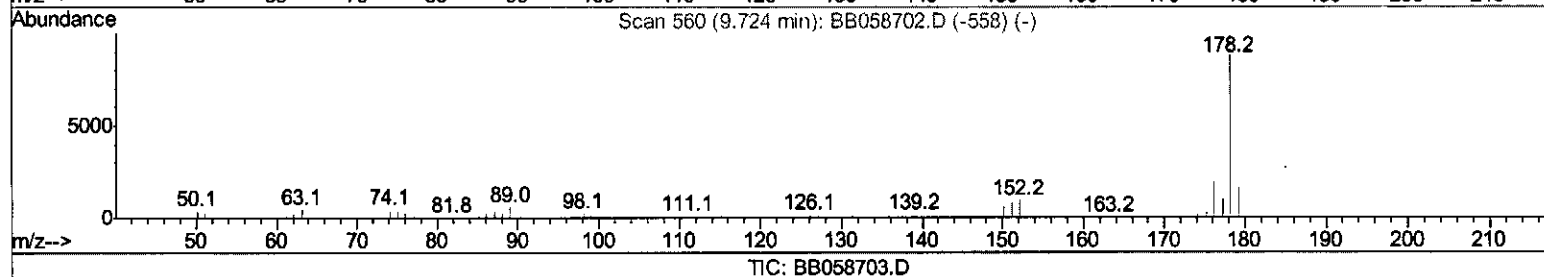
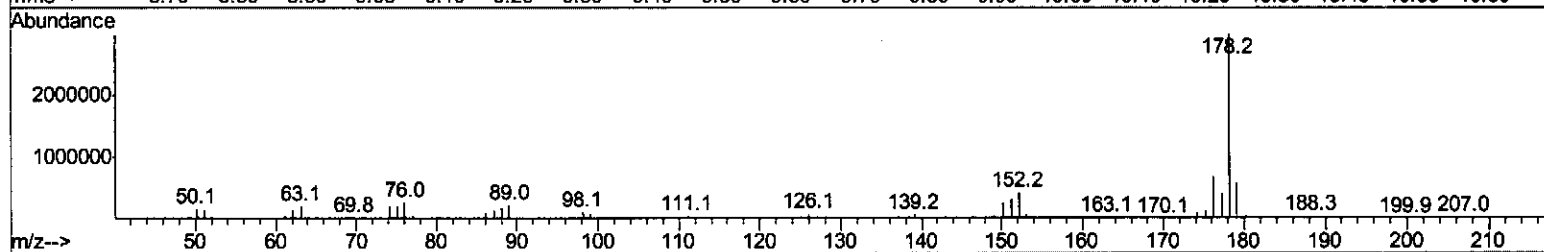
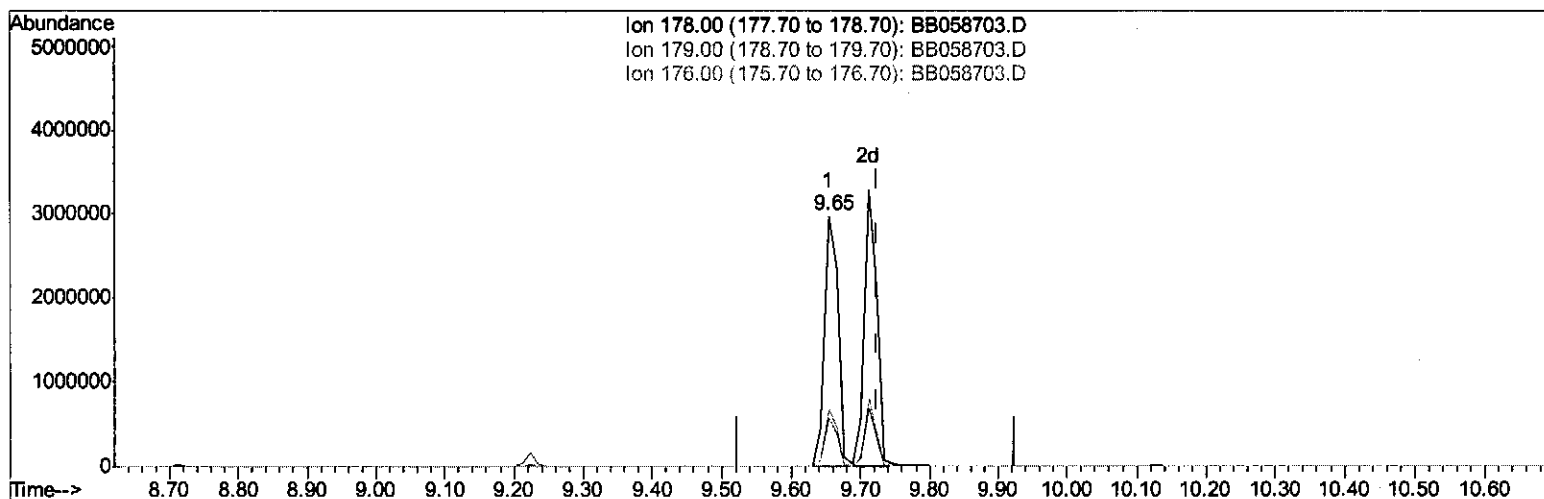
Data Path : Z:\HPCHEM1\BNA B\DATA\BB030917\
Data File : BB058703.D
Acq On : 9 Mar 2017 11:35
Operator : UM/SJ
Sample : SST04088
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_B
ClientSampleID :
SSTD04088

Manual Integrations
APPROVED

mohammad
3/15/2017 5:08:45 PM

Quant Time: Mar 15 14:10:56 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



TIC: BB058703.D

(16) Anthracene

9.654min (-0.070) 42.56ng/ul

response 4115008

Ion	Exp%	Act%
178.00	100	100
179.00	16.20	19.01
176.00	19.10	22.77
0.00	0.00	0.00

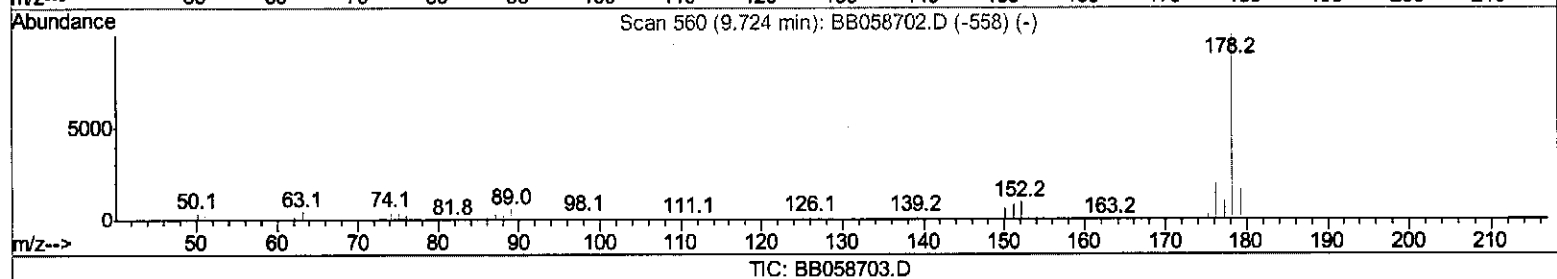
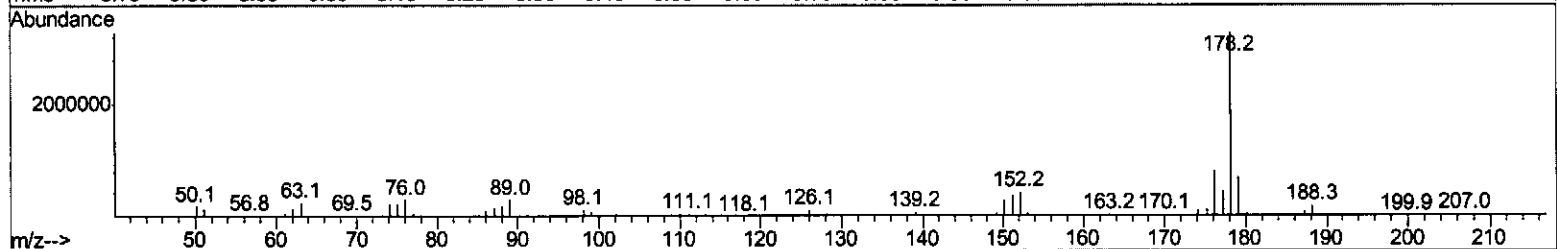
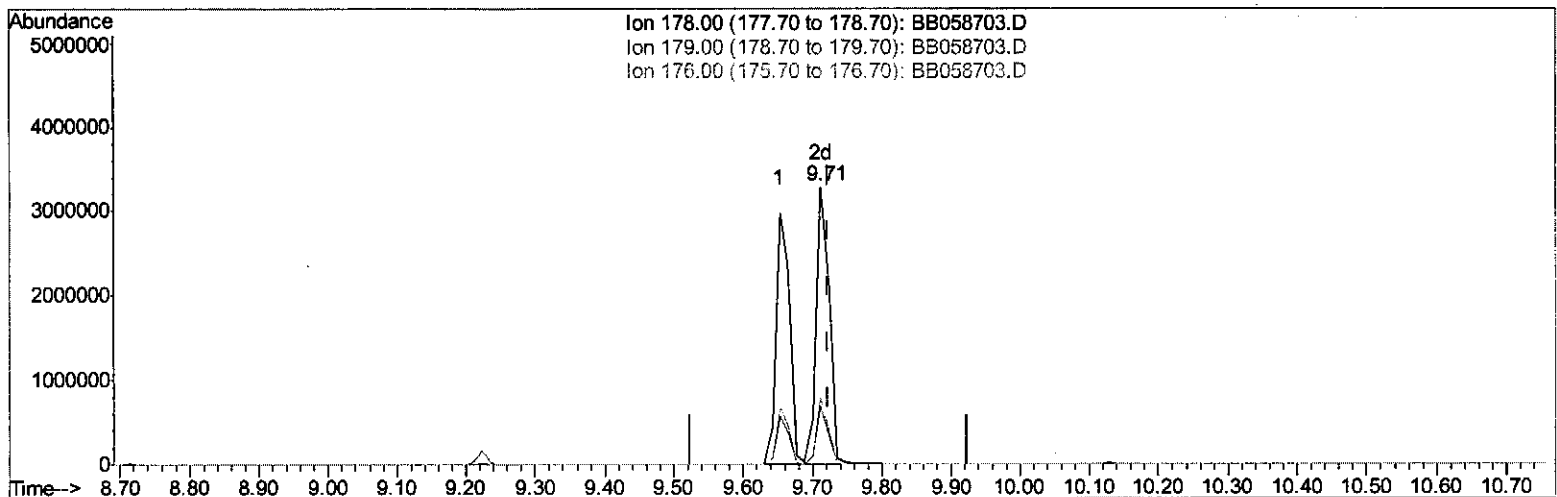
Data Path : Z:\HPCHEM1\BNA B\DATA\BB030917\
Data File : BB058703.D
Acq On : 9 Mar 2017 11:35
Operator : UM/SJ
Sample : SST04088
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_B
ClientSampled :
SSTD04088

Manual Integrations
APPROVED

mohammad
3/15/2017 5:08:45 PM

Quant Time: Mar 15 14:10:56 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



(16) Anthracene

9.712min (-0.012) 43.49ng/ul m 61 3/15/17

response 4205482

Ion	Exp%	Act%
178.00	100	100
179.00	16.20	20.79#
176.00	19.10	23.97#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA B\DATA\BB030917\
 Data File : BB058703.D
 Acq On : 9 Mar 2017 11:35
 Operator : UM/SJ
 Sample : SSTD04088
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_B
 ClientSampleId :
 SSTD04088

Manual Integrations
 APPROVED

mohammad
 3/15/2017 5:08:45 PM

Quant Time: Mar 15 14:13:57 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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	4.88	152	353780	20.00	ng/ul	-0.01
2) Naphthalene-d8	6.15	136	1409372	20.00	ng/ul	-0.02
6) Acenaphthene-d10	8.02	164	1091916	20.00	ng/ul	-0.02
12) Phenanthrene-d10	9.63	188	1935930	20.00	ng/ul	-0.01
18) Chrysene-d12	12.76	240	1911823	20.00	ng/ul	-0.01
23) Perylene-d12	15.66	264	1649703	20.00	ng/ul	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 2,4-Dichlorophenol-d3	5.96	165	1142208	42.53	ng/uL	-0.02
7) Acenaphthylene-d8	7.85	160	3570624	41.96	ng/ul	-0.02
10) Fluorene-d10	8.57	176	2880994	44.18	ng/ul	-0.01
15) Anthracene-d10	9.69	188	3654261	42.43	ng/ul	-0.01
19) Pyrene-d10	11.19	212	3564626	41.00	ng/ul	-0.01
26) Benzo(a)pyrene-d12	15.48	264	3079987	41.73	ng/ul	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) Naphthalene	6.17	128	3024876	43.96	ng/ul#	86
5) 2-Methylnaphthalene	6.89	142	2167040	42.14	ng/ul	99
8) Acenaphthylene	7.88	152	3285029	41.40	ng/ul#	92
9) Acenaphthene	8.06	153	2540365	43.58	ng/ul	97
11) Fluorene	8.61	166	3179581	44.01	ng/ul	98
13) Pentachlorophenol	9.41	266	674252	41.10	ng/uL	97
14) Phenanthrene	9.65	178	4115008	42.83	ng/ul	93
16) Anthracene	9.71	178	4205482m>	43.49	ng/ul	97
17) Fluoranthene	10.94	202	4036715	44.97	ng/ul	97
20) Pyrene	11.21	202	4250549	39.96	ng/ul	97
21) Benzo(a)anthracene	12.74	228	4192768	41.78	ng/ul	95
22) Chrysene	12.81	228	3840827	42.01	ng/ul	96
24) Benzo(b)fluoranthene	14.75	252	4124528	40.84	ng/ul	98
25) Benzo(k)fluoranthene	14.82	252	3690114	41.83	ng/ul	100
27) Benzo(a)pyrene	15.55	252	3759659	41.44	ng/ul	98
28) Indeno(1,2,3-cd)pyrene	18.94	276	3613236	43.58	ng/ul#	93
29) Dibenzo(a,h)anthracene	18.95	278	3164160	44.66	ng/ul	100
30) Benzo(a,h,i)perylene	19.91	276	2805758	43.34	ng/ul	99

51 3/15/17

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