

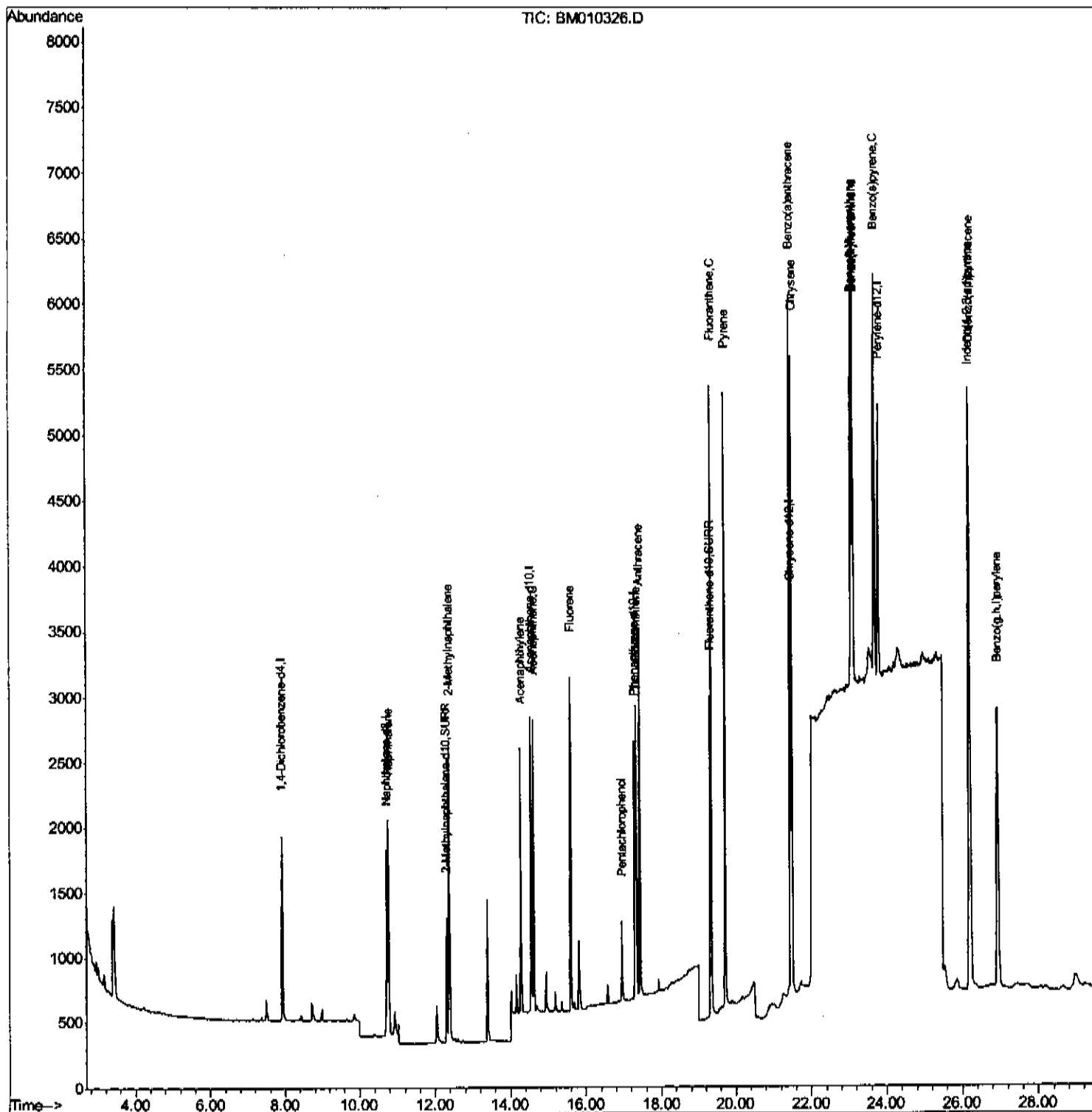
Data Path : Z:\HPCHEM1\BNA M\Data\BM053017\
Data File : BM010326.D
Acq On : 30 May 2017 23:47
Operator : SJ/MA
Sample : SSTDCCC0.4
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
LabSampled :
SSTD0.415

Manual Integrations
APPROVED

mohammad
5/31/2017 2:58:54 PM

Quant Time: May 31 09:05:29 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM053017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 31 08:43:19 2017
Response via : Initial Calibration



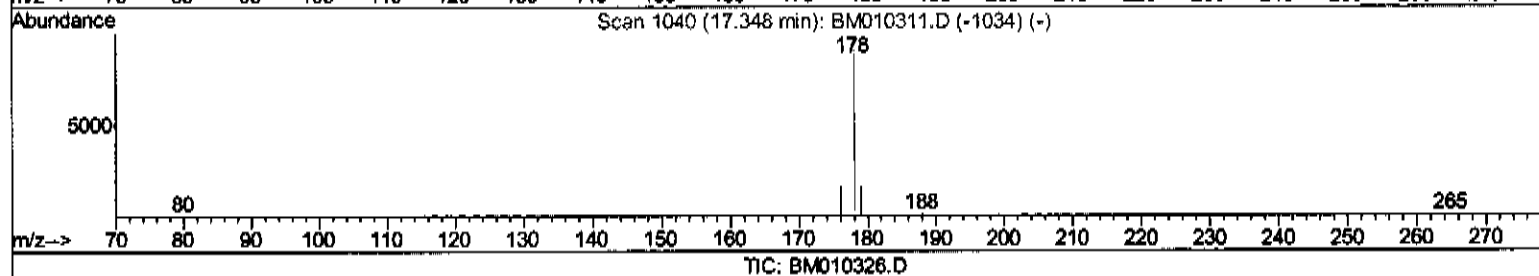
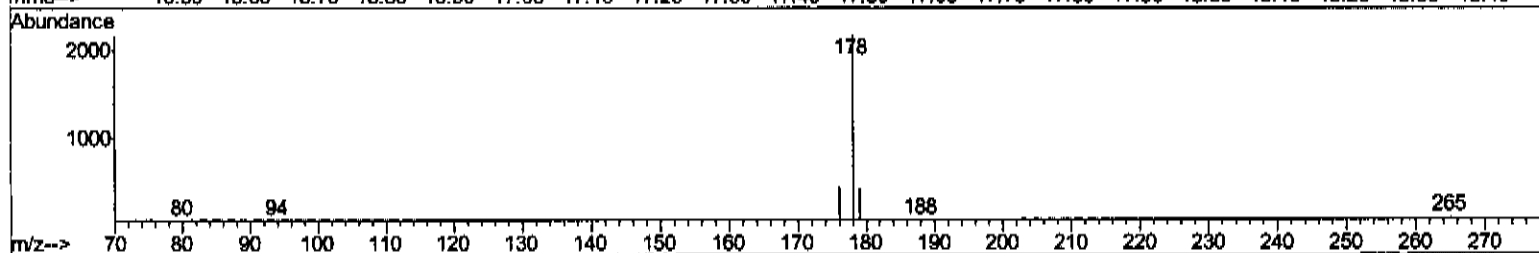
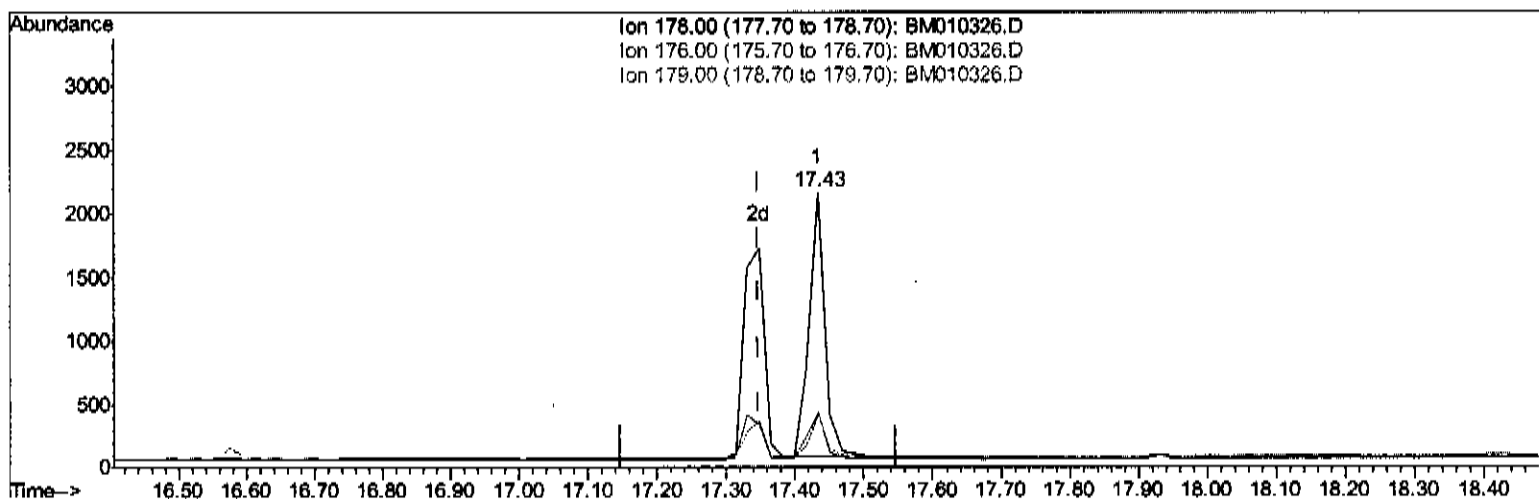
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Quant Time: May 31 09:05:06 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM053017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 31 08:43:19 2017
Response via : Initial Calibration



(12) Phenanthrene

17.433min (+0.086) 0.36ng/ul

response 3269

Ion	Exp%	Act%
178.00	100	100
176.00	23.00	19.85
179.00	17.00	18.94
0.00	0.00	0.00

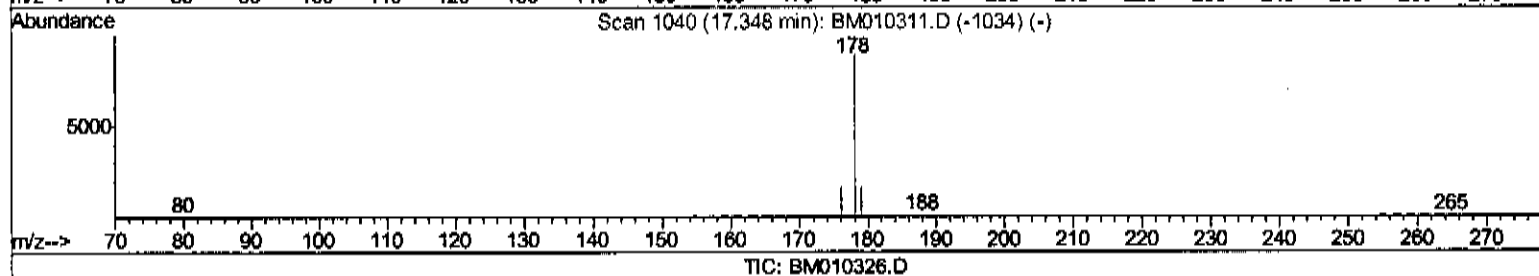
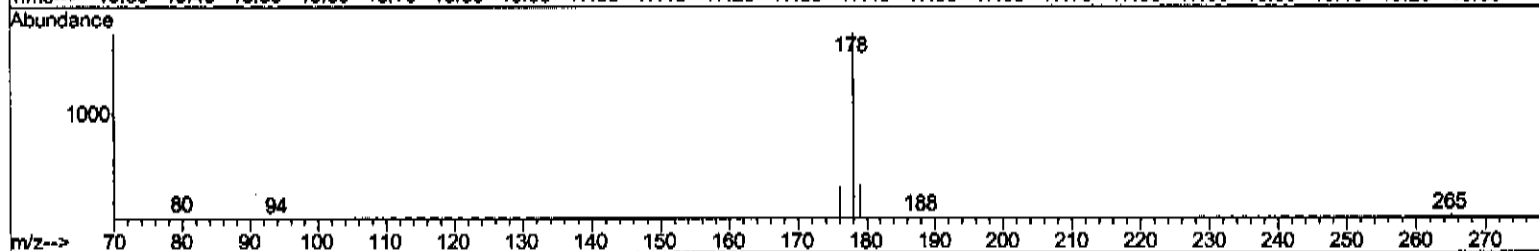
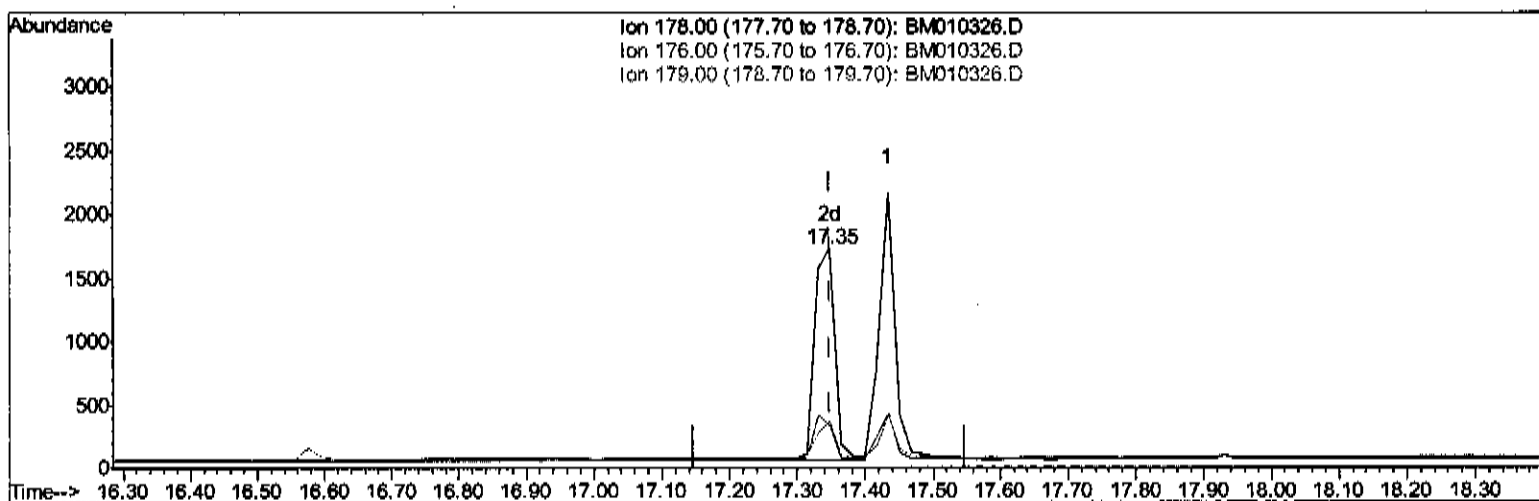
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Sample : SSTDCCC0.4
Misc :
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Instrument :
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Manual Integrations
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mohammad
5/31/2017 2:58:54 PM

Quant Time: May 31 09:05:06 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM053017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 31 08:43:19 2017
Response via : Initial Calibration



(12) Phenanthrene

17.348min (+0.000) 0.39ng/ul m SJ 5/31/17

response 3500

Ion	Exp%	Act%
178.00	100	100
176.00	23.00	19.67
179.00	17.00	21.28#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA M\Data\BM053017\
 Data File : BM010326.D
 Acq On : 30 May 2017 23:47
 Operator : SJ/MA
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 LabSampleId :
 SSTD0.415

Manual Integrations
 APPROVED

mohammad
 5/31/2017 2:58:54 PM

Quant Time: May 31 09:05:29 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM053017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 31 08:43:19 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	781	0.40	ng/ul	0.00
2) Naphthalene-d8	10.73	136	2241	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.55	164	1252	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.30	188	2813	0.40	ng/ul	0.00
16) Chrysene-d12	21.47	240	2879	0.40	ng/ul	0.00
20) Perylene-d12	23.82	264	3007	0.40	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.31	152	1316	0.40	ng/ul	0.00
14) Fluoranthene-d10	19.33	212	3065	0.41	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Naphthalene	10.78	128	2378	0.40	ng/ul	99
5) 2-Methylnaphthalene	12.38	142	1711	0.41	ng/ul	99
7) Acenaphthylene	14.28	152	2538	0.41	ng/ul	99
8) Acenaphthene	14.62	153	1882	0.40	ng/ul	89
9) Fluorene	15.60	166	2170	0.38	ng/ul#	79
11) Pentachlorophenol	16.95	266	490	0.46	ng/ul	95
12) Phenanthrene	17.35	178	3500m	0.39	ng/ul	95
13) Anthracene	17.43	178	3375	0.40	ng/ul	96
15) Fluoranthene	19.35	202	4578	0.41	ng/ul	96
17) Pyrene	19.71	202	4807	0.39	ng/ul	97
18) Benzo(a)anthracene	21.45	228	4810	0.41	ng/ul	95
19) Chrysene	21.50	228	4530	0.40	ng/ul	98
21) Benzo(b)fluoranthene	23.09	252	5460	0.41	ng/ul	88
22) Benzo(k)fluoranthene	23.14	252	4684	0.37	ng/ul#	86
23) Benzo(a)pyrene	23.70	252	5001	0.40	ng/ul#	86
24) Indeno(1,2,3-cd)pyrene	26.20	276	6214	0.38	ng/ul#	94
25) Dibenzo(a,h)anthracene	26.21	278	4944	0.38	ng/ul	93
26) Benzo(g,h,i)perylene	26.95	276	5294	0.38	ng/ul	94

SJ 5/31/17

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