

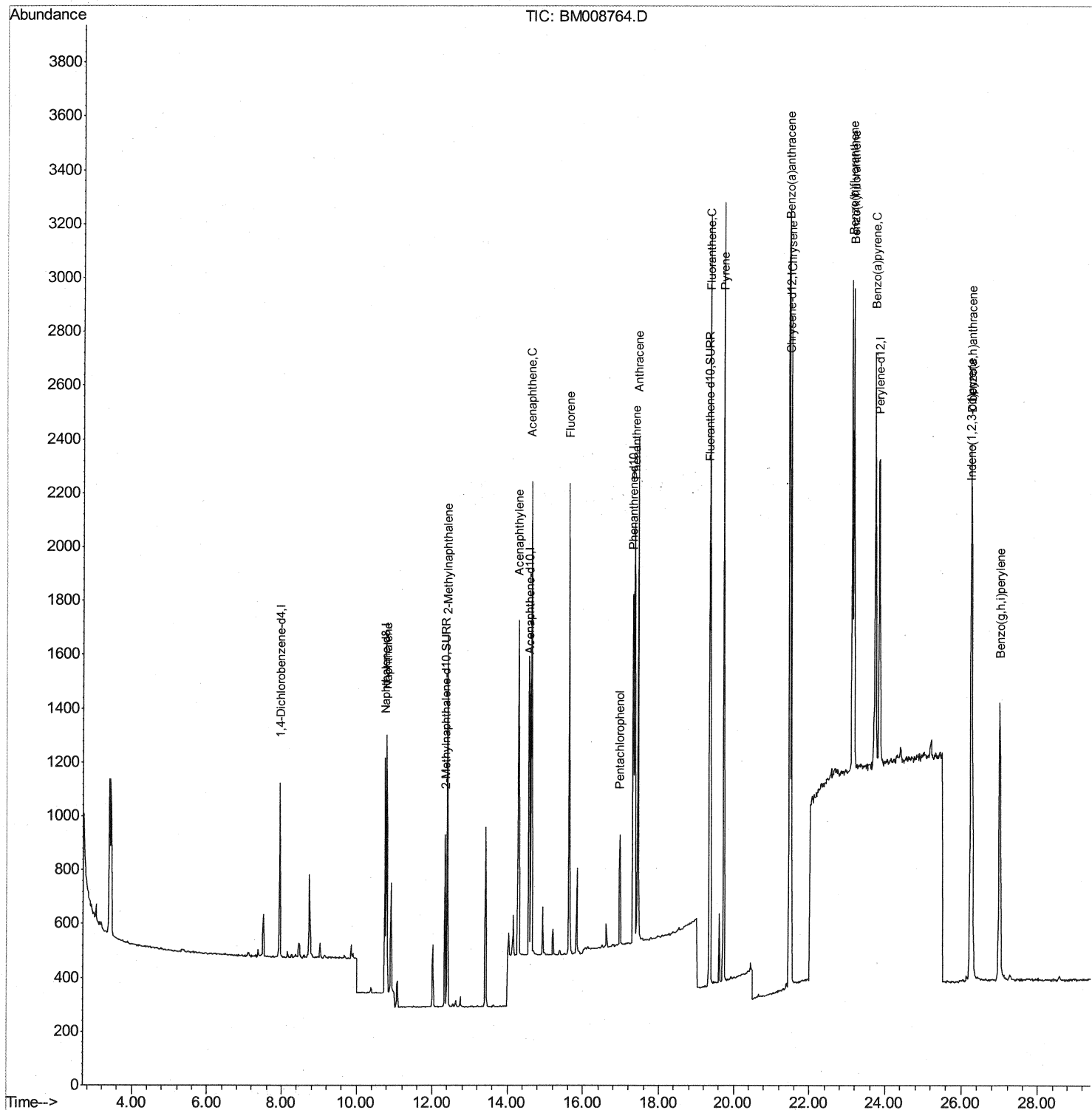
Data Path : Z:\HPCHEM1\BNA M\Data\BM011117\
Data File : BM008764.D
Acq On : 10 Jan 2017 10:58
Operator : UM/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
LabSampleId :
SSTD0.465

Manual Integrations
APPROVED

mohammad
1/10/2017 6:10:19 PM

Quant Time: Jan 10 16:09:20 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM010917.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 09 13:24:07 2017
Response via : Initial Calibration



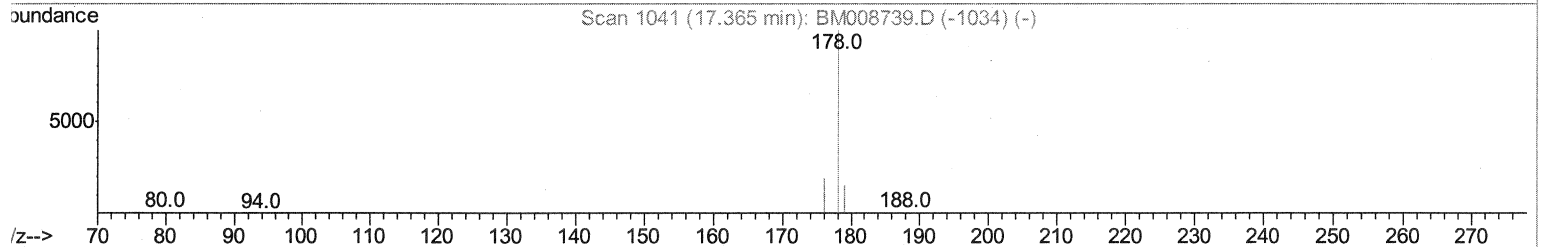
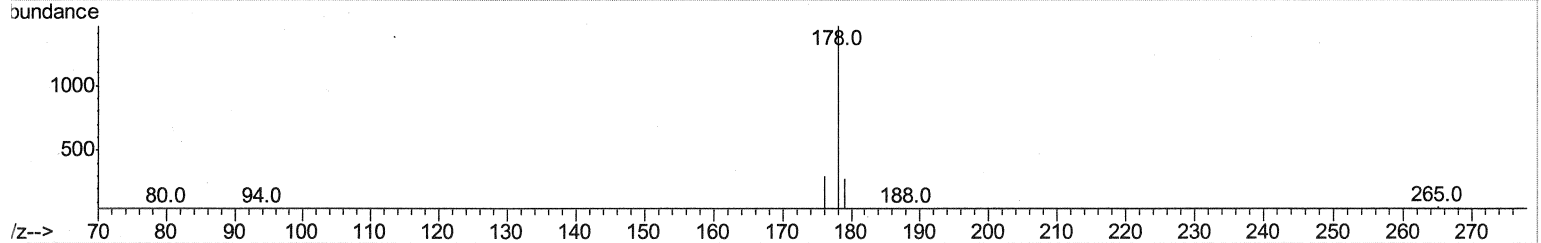
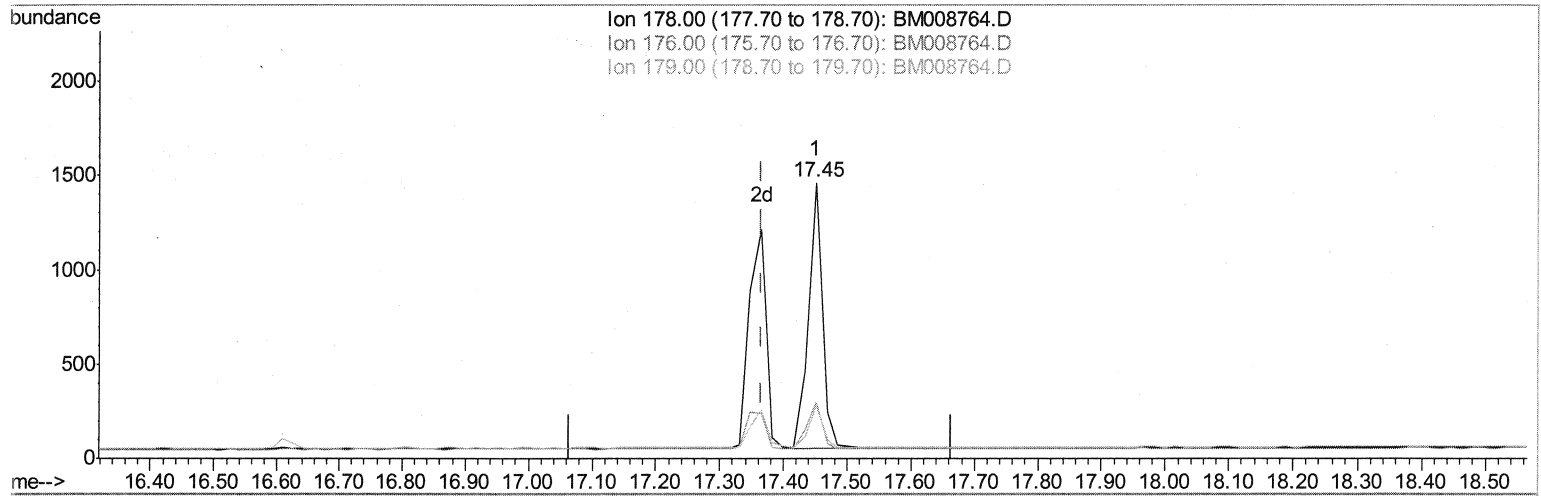
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TIC: BM008764.D

(12) Phenanthrene

17.451min (+0.086) 0.38ng/ul

response 2104

Ion	Exp%	Act%
178.00	100	100
176.00	23.00	20.45
179.00	17.00	19.15
0.00	0.00	0.00

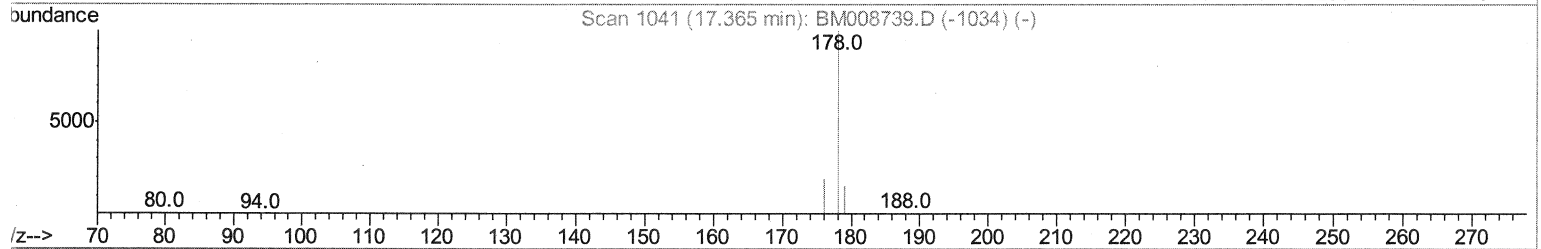
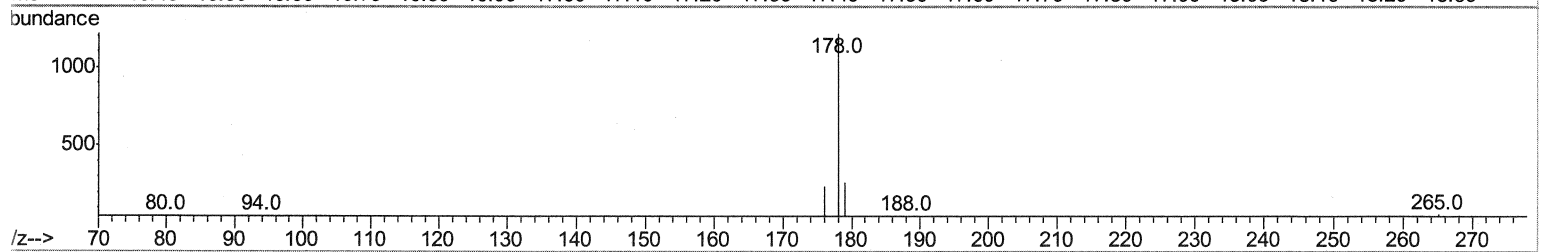
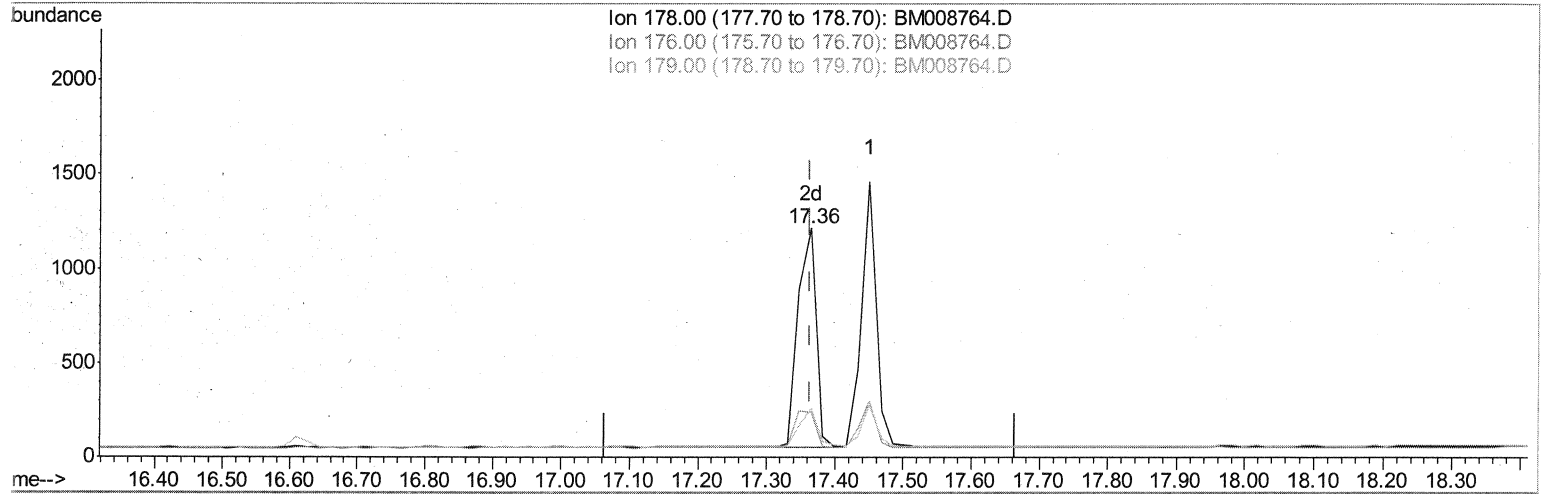
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Manual Integrations
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TIC: BM008764.D

(12) Phenanthrene

17.365min (-0.000) 0.39ng/ul m

SJ 01/16/17

response 2163

Ion	Exp%	Act%
178.00	100	100
176.00	23.00	19.70
179.00	17.00	21.43#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA M\Data\BM011117\
 Data File : BM008764.D
 Acq On : 10 Jan 2017 10:58
 Operator : UM/SJ
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 LabSampleId :
 SSTD0.465

Manual Integrations
 APPROVED

mohammad
 1/10/2017 6:10:19 PM

Quant Time: Jan 10 16:09:20 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM010917.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 09 13:24:07 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	364	0.40	ng/ul	0.00
2) Naphthalene-d8	10.75	136	1196	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.59	164	860	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.31	188	1828	0.40	ng/ul	-0.02
16) Chrysene-d12	21.48	240	1838	0.40	ng/ul	-0.01
20) Perylene-d12	23.85	264	1697	0.40	ng/ul	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.34	152	821	0.41	ng/ul	0.00
14) Fluoranthene-d10	19.34	212	2148	0.40	ng/ul	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Naphthalene	10.80	128	1326	0.40	ng/ul	96
5) 2-Methylnaphthalene	12.41	142	977	0.41	ng/ul	96
7) Acenaphthylene	14.30	152	1438	0.38	ng/ul	96
8) Acenaphthene	14.64	153	1067	0.39	ng/ul	98
9) Fluorene	15.63	166	1275	0.38	ng/ul	98
11) Pentachlorophenol	16.97	266	329	0.39	ng/ul	93
12) Phenanthrene	17.36	178	2163m	0.39	ng/ul	97
13) Anthracene	17.45	178	2125	0.39	ng/ul	97
15) Fluoranthene	19.37	202	2769	0.40	ng/ul	97
17) Pyrene	19.73	202	2842	0.39	ng/ul	98
18) Benzo(a)anthracene	21.46	228	2667	0.39	ng/ul	95
19) Chrysene	21.53	228	2536	0.39	ng/ul	98
21) Benzo(b)fluoranthene	23.12	252	2899	0.40	ng/ul	93
22) Benzo(k)fluoranthene	23.17	252	2357	0.37	ng/ul#	91
23) Benzo(a)pyrene	23.74	252	2561	0.39	ng/ul#	90
24) Indeno(1,2,3-cd)pyrene	26.25	276	2985	0.39	ng/ul#	87
25) Dibenzo(a,h)anthracene	26.27	278	2381	0.39	ng/ul#	90
26) Benzo(a,h,i)perylene	27.00	276	2558	0.38	ng/ul#	87

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

SJ 01/16/17