

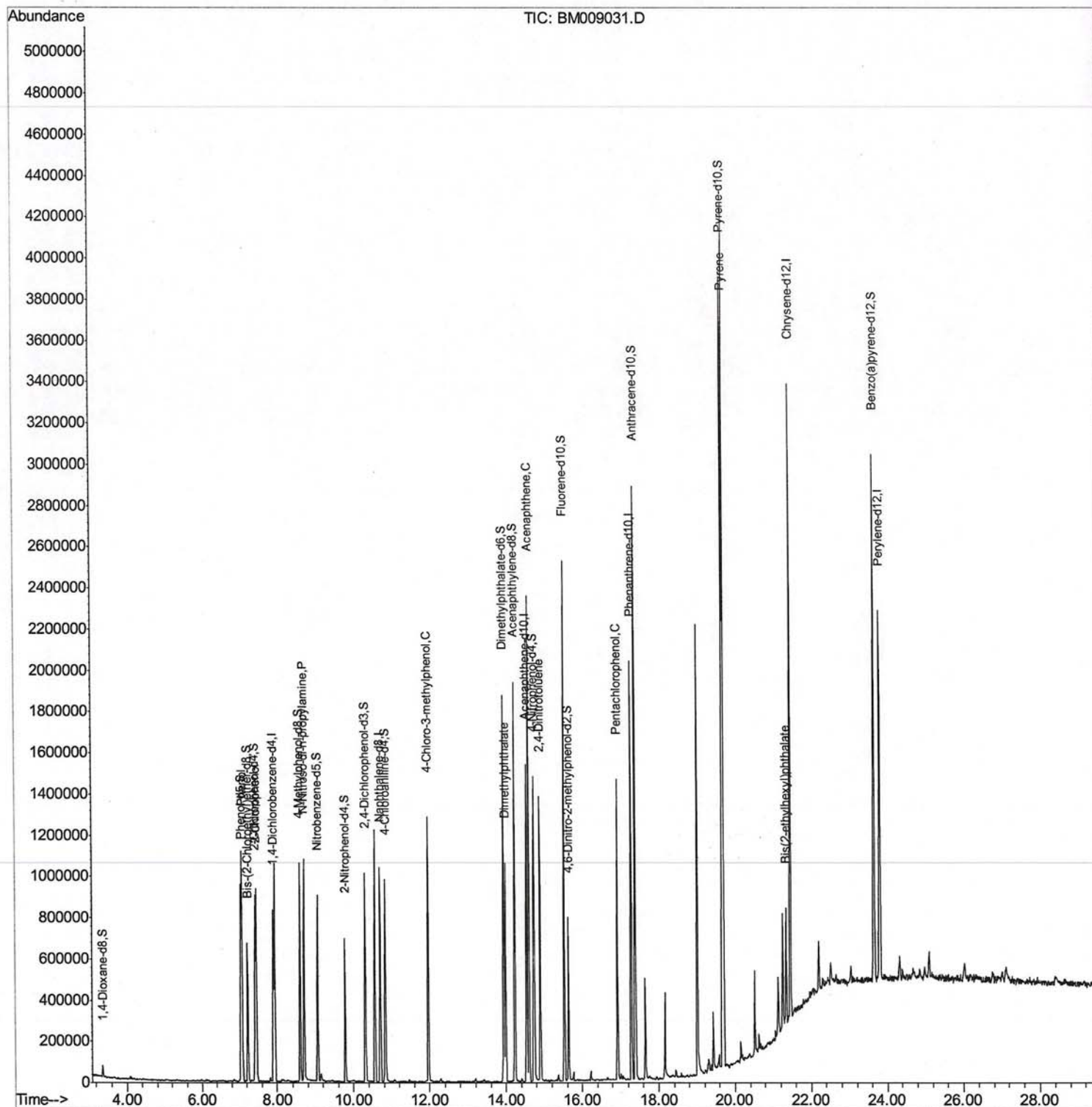
Data Path : Z:\HPCHEM1\BNA M\Data\BM022417\
Data File : BM009031.D
Acq On : 24 Feb 2017 23:58
Operator : SJ/MA
Sample : I1940-21MSD
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleID :
DABR2MSD

Manual Integrations
APPROVED

mohammad
2/27/2017 1:06:20 PM

Quant Time: Feb 25 00:55:13 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM022317.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Feb 25 00:25:23 2017
Response via : Initial Calibration



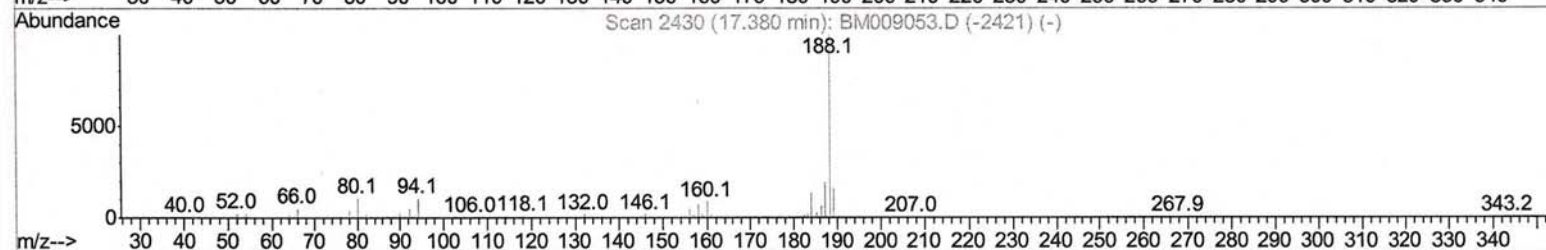
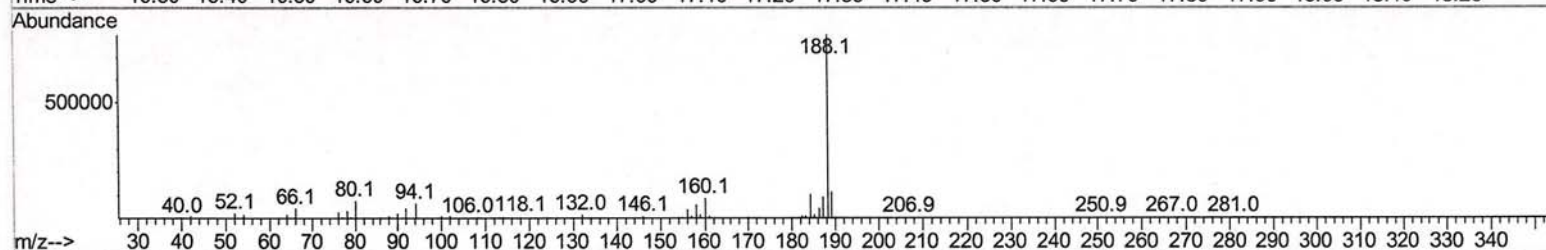
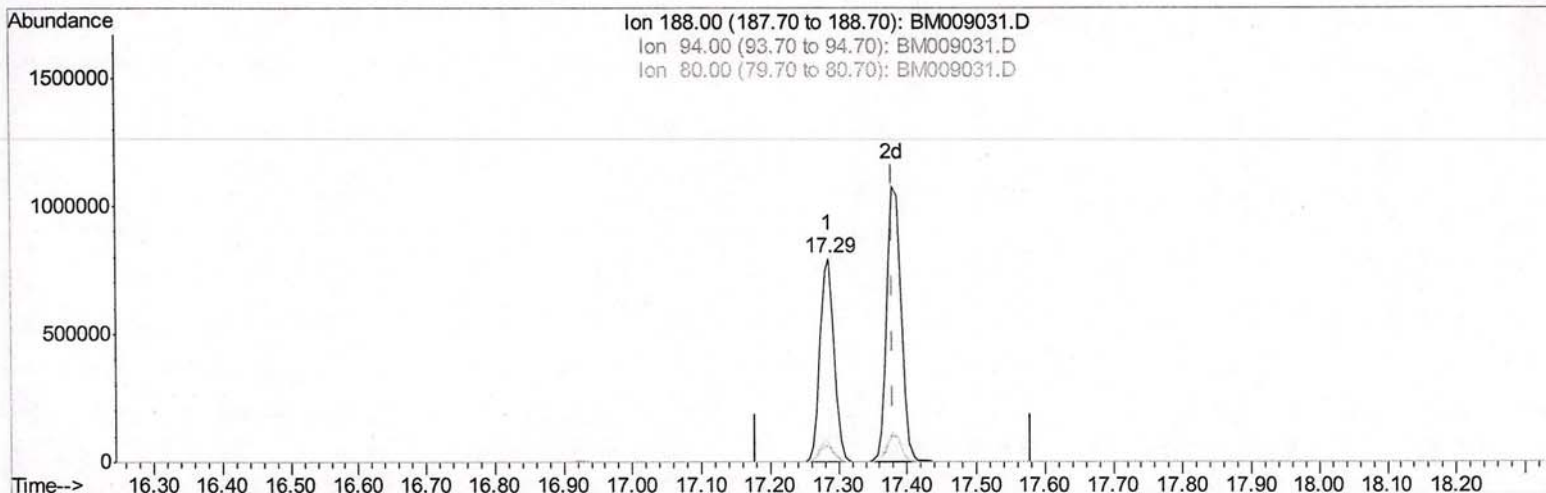
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mohammad
2/27/2017 1:06:20 PM

Quant Time: Mar 06 12:48:35 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM022317.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Mar 02 03:54:18 2017
Response via : Initial Calibration



TIC: BM009031.D

(70) Anthracene-d10 (S)

17.286min (-0.094) 21.12ng/ul

response 1135272

Ion	Exp%	Act%
188.00	100	100
94.00	8.70	8.25
80.00	8.50	9.54
0.00	0.00	0.00

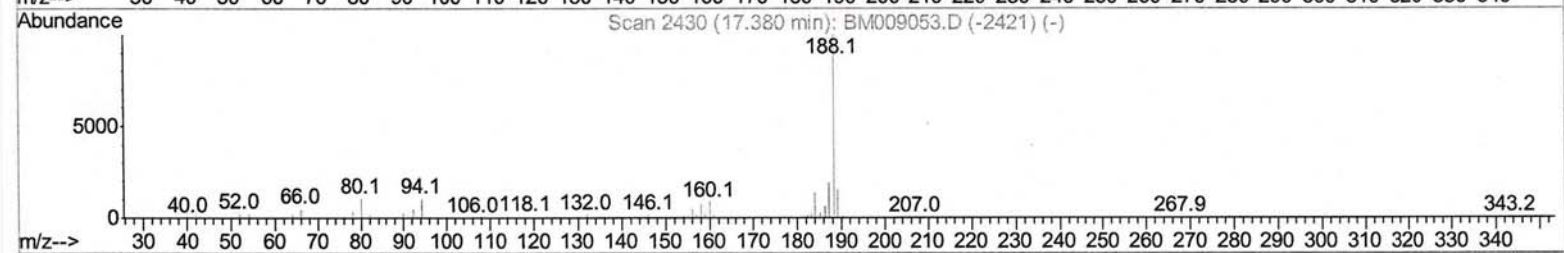
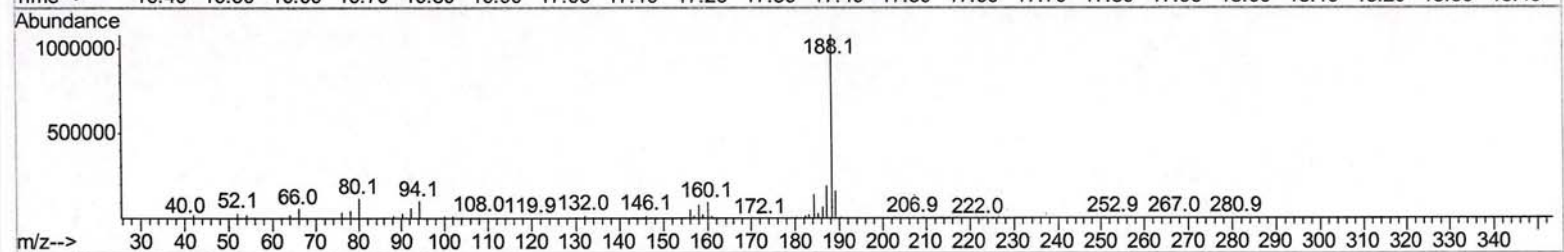
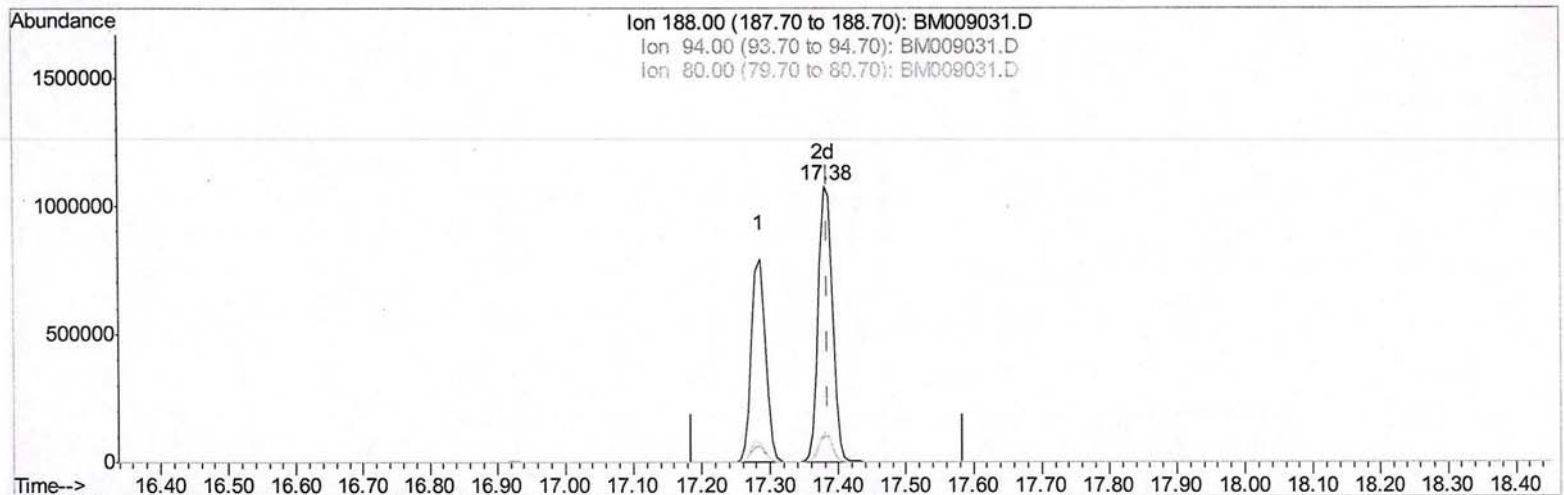
Data Path : Z:\HPCHEM1\BNA M\Data\BM022417\
Data File : BM009031.D
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Instrument :
BNA_M
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Manual Integrations
APPROVED

mohammad
2/27/2017 1:06:20 PM

Quant Time: Feb 25 00:55:13 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM022317.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Feb 25 00:25:23 2017
Response via : Initial Calibration



TIC: BM009031.D

(70) Anthracene-d10 (S)

17.380min (-0.006) 28.90ng/ul m > SJ 2/27/17

response 1553310

Ion	Exp%	Act%
188.00	100	100
94.00	8.70	9.56
80.00	8.50	10.91#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA M\Data\BM022417\
 Data File : BM009031.D
 Acq On : 24 Feb 2017 23:58
 Operator : SJ/MA
 Sample : I1940-21MSD
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DABR2MSD

Manual Integrations
 APPROVED

mohammad
 2/27/2017 1:06:20 PM

Quant Time: Feb 25 00:55:13 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM022317.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Feb 25 00:25:23 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	183773	20.00	ng/ul	0.00
18) Naphthalene-d8	10.70	136	716784	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.54	164	448951	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.29	188	1135272	20.00	ng/ul	0.00
75) Chrysene-d12	21.45	240	1500962	20.00	ng/ul	0.00
83) Perylene-d12	23.80	264	1340411	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.36	96	20749	4.53	ng/uL	0.00
5) Phenol-d5	7.05	99	405970	24.37	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.23	67	319637	26.79	ng/ul	0.00
9) 2-Chlorophenol-d4	7.43	132	280197	25.25	ng/ul	0.00
13) 4-Methylphenol-d8	8.60	113	320910	26.24	ng/ul	0.00
19) Nitrobenzene-d5	9.06	128	144842	28.24	ng/ul	0.00
22) 2-Nitrophenol-d4	9.78	143	148169	26.77	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.32	165	306232	26.35	ng/ul	0.00
29) 4-Chloroaniline-d4	10.84	131	389195	31.77	ng/ul	0.00
43) Dimethylphthalate-d6	13.94	166	1041825	34.47	ng/ul	0.00
46) Acenaphthylene-d8	14.23	160	1196237	32.22	ng/ul	0.00
51) 4-Nitrophenol-d4	14.73	143	143653	27.21	ng/ul	0.00
57) Fluorene-d10	15.53	176	929978	32.95	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.64	200	130197	19.06	ng/ul	0.00
70) Anthracene-d10	17.38	188	1553310m)	28.90	ng/ul	0.00
76) Pyrene-d10	19.67	212	1903820	29.10	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.65	264	1795447	29.50	ng/ul	0.00

Target Compounds

						Ovalue
6) Phenol	7.08	94	477672	27.17	ng/ul#	71
10) 2-Chlorophenol	7.46	128	287645	24.88	ng/ul#	84
15) N-Nitroso-di-n-propylamine	8.70	70	359096	27.65	ng/ul#	80
33) 4-Chloro-3-methylphenol	11.97	107	381159	28.57	ng/ul#	95
44) Dimethylphthalate	13.99	163	574758	19.00	ng/ul	99
49) Acenaphthene	14.60	153	851058	32.76	ng/ul	97
52) 4-Nitrophenol	14.74	109	212565	31.44	ng/ul#	78
54) 2,4-Dinitrotoluene	14.90	165	296048	34.78	ng/ul#	69
68) Pentachlorophenol	16.93	266	226218	25.73	ng/ul#	86
77) Pyrene	19.70	202	2460967	29.36	ng/ul#	96
81) Bis(2-ethylhexyl)phthalate	21.35	149	153110	3.50	ng/ul	94

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