

Instrument :
BNA_M
ClientSampleId :
CB389DL

mohammad
4/10/2017 5:18:28 PM

TIC: BM009643.D

Abundance

Time-->

4.00 6.00 8.00 10.00 12.00 14.00 16.00 18.00 20.00 22.00 24.00 26.00 28.00

1,4-Dichlorobenzene-d4, I

2,4-Dichlorophenol-d3, S

Naphthalene-d8, I

2-Methylnaphthalene

Acenaphthylene-d8, S

Acenaphthylene-d8, C

Acenaphthene-d10, I

Fluorene

Fluorene-d10, S

Phenanthrene-d10, S

Phenanthrene

Pyrene-d10, S

Fluoranthene-C

Pyrene

Chrysene

Benzo(a)fluoranthene

Benzo(b)fluoranthene

Benzo(a)pyrene-C

Benzo(a)pyrene-d12, S

Perylene

Dibenz(a,h)pyrene

Benzo(g,h,i)perylene

Quantitation Report (Qedit)

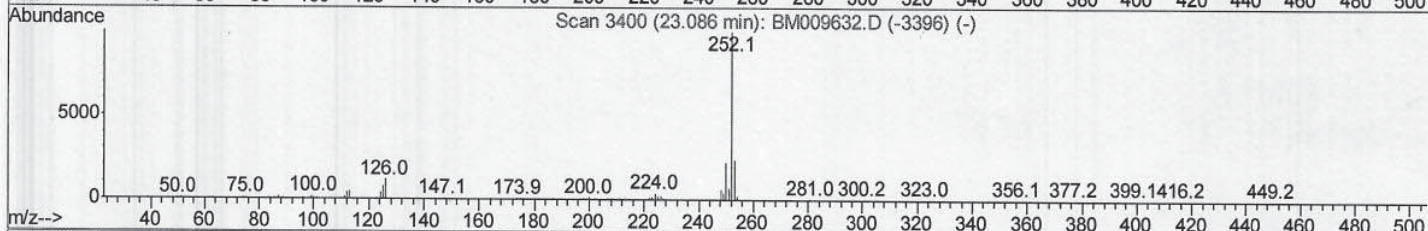
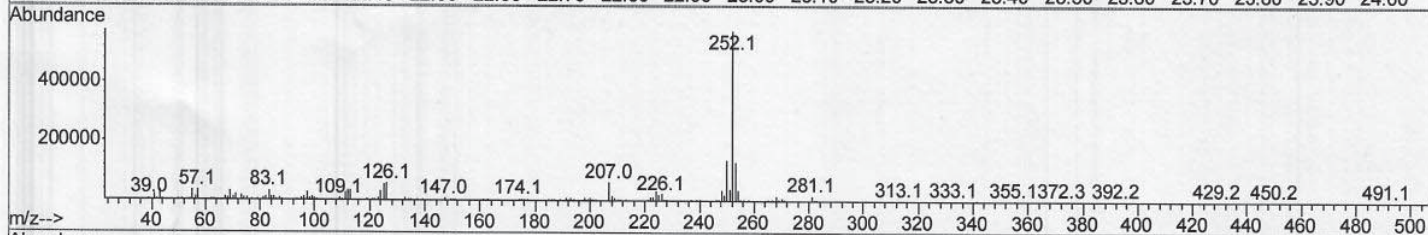
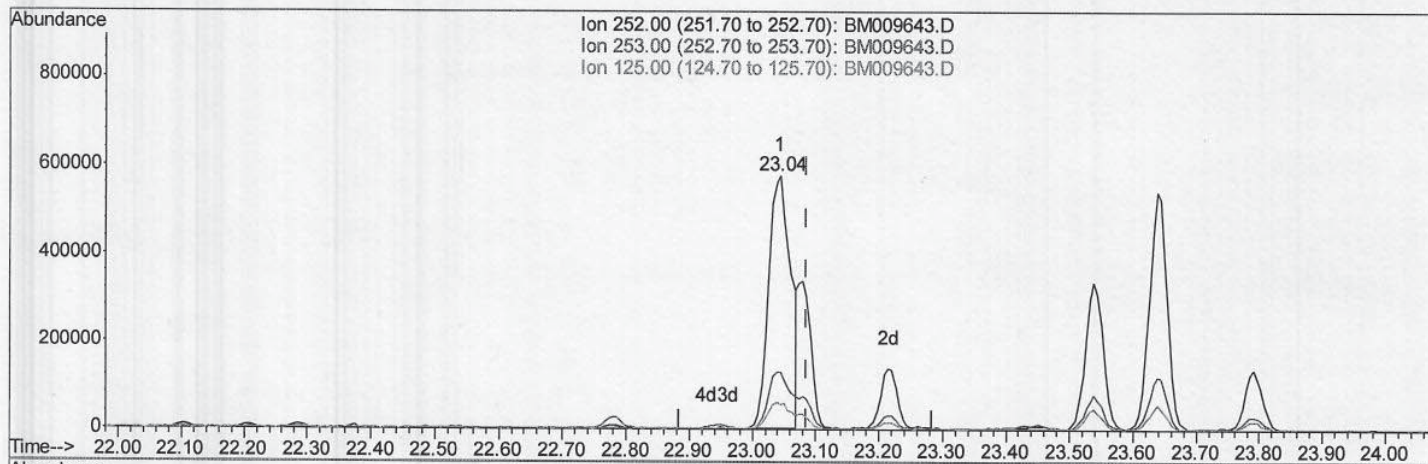
Data Path : Z:\HPCHEM1\BNA M\Data\BM041017\
Data File : BM009643.D
Acq On : 10 Apr 2017 10:40
Operator : SJ/MA
Sample : I2526-13DL 2X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
CB389DL

Manual Integrations
APPROVED

mohammad
4/10/2017 5:18:28 PM

Quant Time: Apr 10 14:42:45 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM040417-PAH.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Apr 10 01:54:07 2017
Response via : Initial Calibration



TIC: BM009643.D

(25) Benzo(k)fluoranthene

23.044min (-0.041) 26.05ng/ul

response 1376373

Ion	Exp%	Act%
252.00	100	100
253.00	21.80	22.41
125.00	11.00	9.38
0.00	0.00	0.00

Quantitation Report (Qedit)

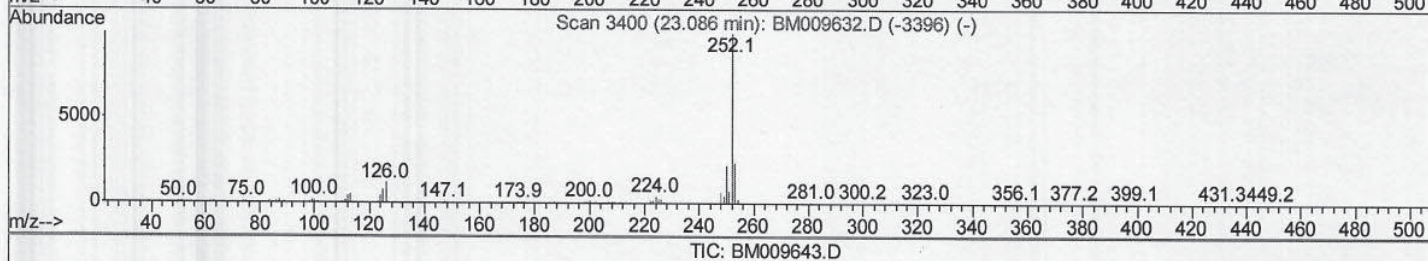
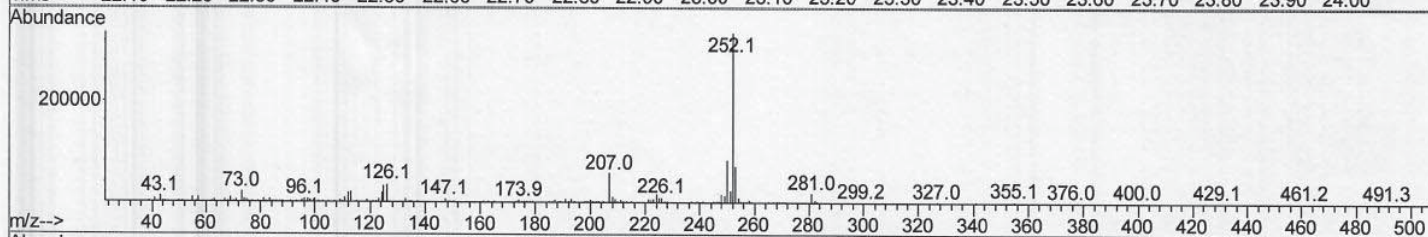
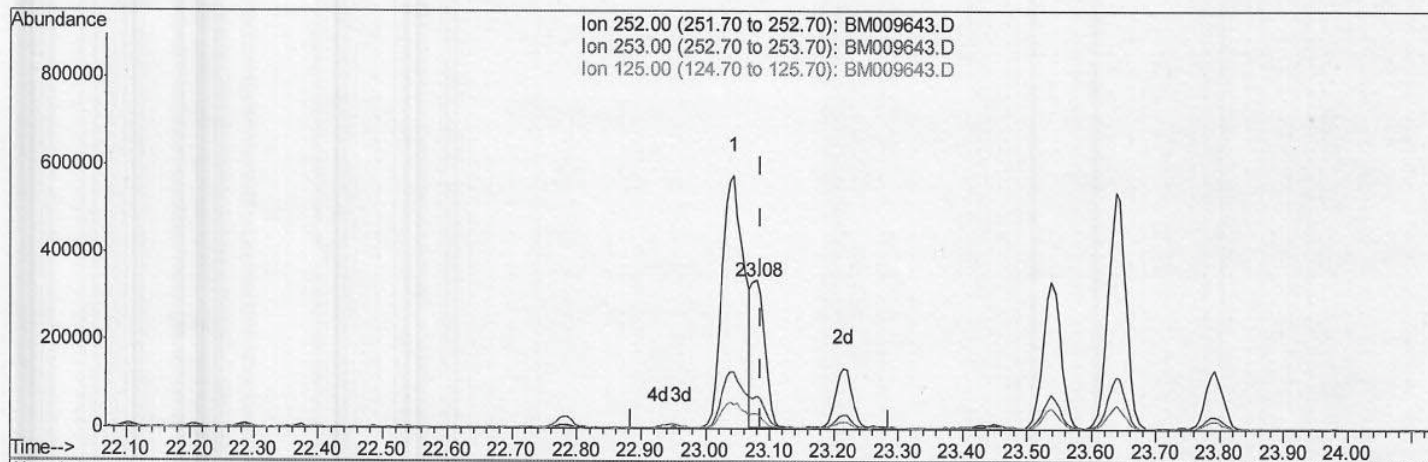
Data Path : Z:\HPCHEM1\BNA M\Data\BM041017\
Data File : BM009643.D
Acq On : 10 Apr 2017 10:40
Operator : SJ/MA
Sample : I2526-13DL 2X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
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Manual Integrations
APPROVED

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Quant Time: Apr 10 14:42:45 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM040417-PAH.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Apr 10 01:54:07 2017
Response via : Initial Calibration



(25) Benzo(k)fluoranthene

23.080min (-0.006) 9.01ng/ul m

response 476096

Ion	Exp%	Act%
252.00	100	100
253.00	21.80	21.58
125.00	11.00	10.01
0.00	0.00	0.00

S-I
04/11/2017

Data Path : Z:\HPCHEM1\BNA M\Data\BM041017\
 Data File : BM009643.D
 Acq On : 10 Apr 2017 10:40
 Operator : SJ/MA
 Sample : I2526-13DL 2X
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB389DL

Manual Integrations
 APPROVED

mohammad
 4/10/2017 5:18:28 PM

Quant Time: Apr 10 14:46:09 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM040417-PAH.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Apr 10 01:54:07 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	140597	20.00	ng/ul	0.00
2) Naphthalene-d8	10.64	136	538220	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.49	164	300340	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.24	188	679633	20.00	ng/ul	0.00
18) Chrysene-d12	21.41	240	902105	20.00	ng/ul	0.00
23) Perylene-d12	23.74	264	896662	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.26	165	66862	8.08	ng/uL	0.00
7) Acenaphthylene-d8	14.18	160	265620	9.02	ng/ul	0.00
10) Fluorene-d10	15.48	176	190737	9.01	ng/ul	0.00
15) Anthracene-d10	17.33	188	306456	9.42	ng/ul	0.00
19) Pyrene-d10	19.63	212	368733	9.95	ng/ul	0.00
26) Benzo(a)pyrene-d12	23.59	264	383472	9.69	ng/ul	0.00
Target Compounds						
					Qvalue	
4) Naphthalene	10.68	128	48683	1.76	ng/ul	96
5) 2-Methylnaphthalene	12.30	142	22182	1.10	ng/ul	91
8) Acenaphthylene	14.21	152	53409	1.81	ng/ul	97
9) Acenaphthene	14.55	153	56812	2.79	ng/ul	99
11) Fluorene	15.54	166	71058	2.86	ng/ul	93
14) Phenanthrene	17.28	178	1159416	30.34	ng/ul	96
16) Anthracene	17.37	178	302279	7.65	ng/ul	97
17) Fluoranthene	19.30	202	1987073	41.76	ng/ul	96
20) Pyrene	19.66	202	1758069	35.79	ng/ul	99
21) Benzo(a)anthracene	21.40	228	1184380	23.22	ng/ul	100
22) Chrysene	21.46	228	977621	20.91	ng/ul	96
24) Benzo(b)fluoranthene	23.04	252	1376373	24.82	ng/ul	98
25) Benzo(k)fluoranthene	23.08	252	476096m	9.01	ng/ul	
27) Benzo(a)pyrene	23.64	252	1032694	19.59	ng/ul	98
28) Indeno(1,2,3-cd)pyrene	26.11	276	649956	11.00	ng/ul#	95
29) Dibenzo(a,h)anthracene	26.11	278	188657	3.76	ng/ul#	83
30) Benzo(a,h,i)perylene	26.84	276	562995	11.55	ng/ul#	92

S.J.
 04/11/2017

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