

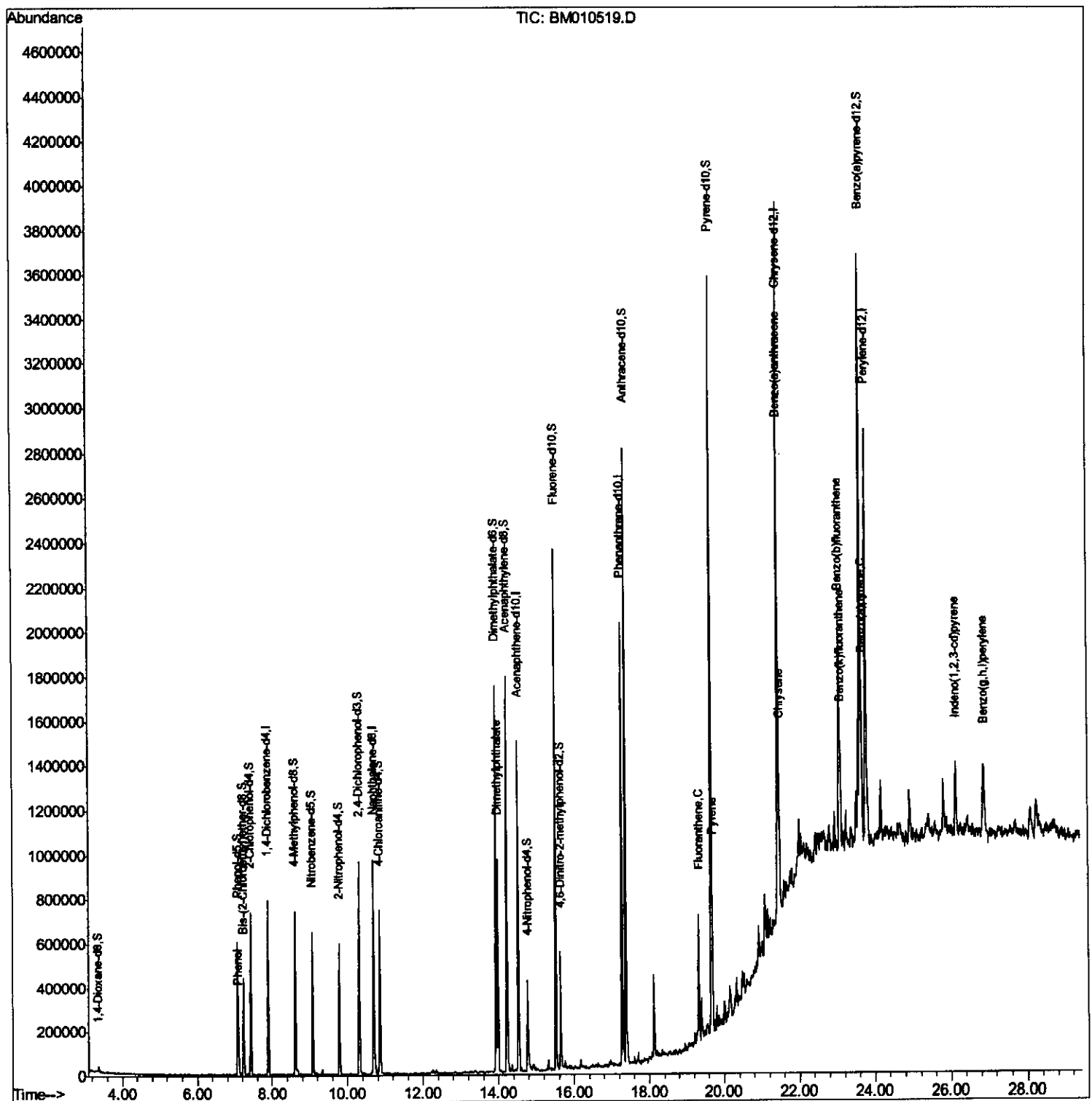
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061017\
Data File : BM010519.D
Acq On : 11 Jun 2017 11:22
Operator : SJ/MA
Sample : I3522-17
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F5B23

Manual Integrations
APPROVED

mohammad
6/12/2017 3:41:34 PM

Quant Time: Jun 12 09:58:16 2017
Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jun 12 09:00:46 2017
Response via : Initial Calibration



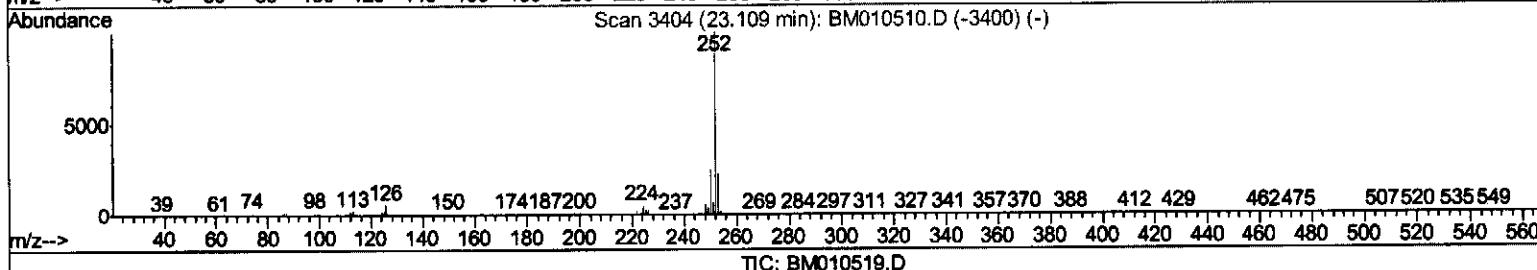
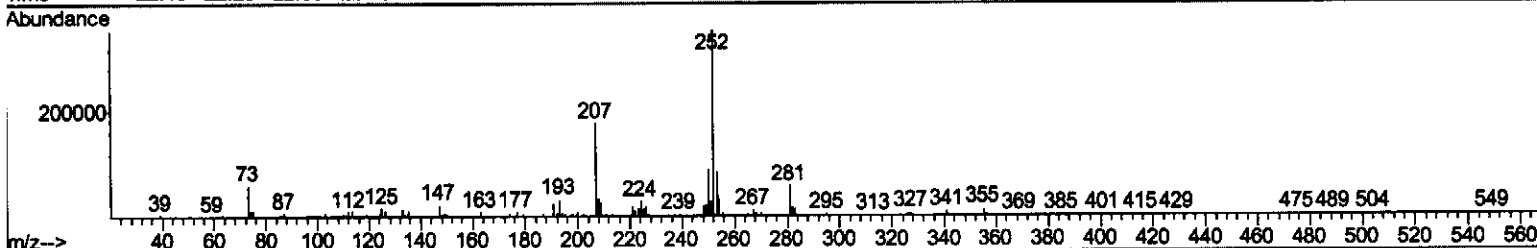
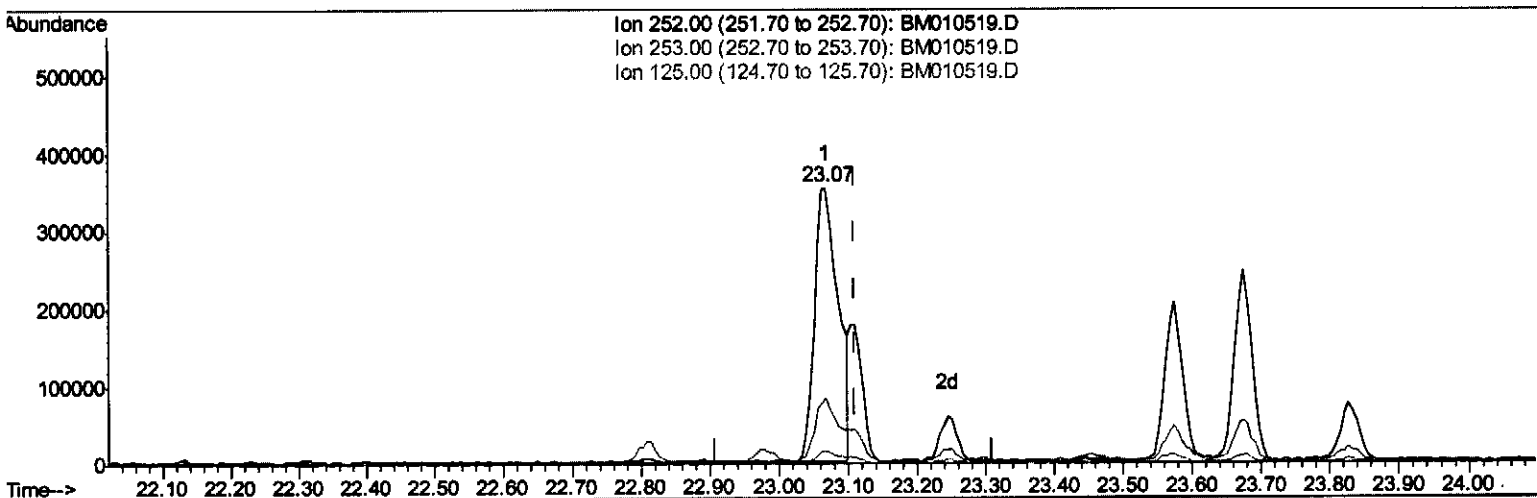
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061017\
Data File : BM010519.D
Acq On : 11 Jun 2017 11:22
Operator : SJ/MA
Sample : I3522-17
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F5B23

Manual Integrations
APPROVED

mohammad
6/12/2017 3:41:34 PM

Quant Time: Jun 12 09:09:19 2017
Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jun 12 09:00:46 2017
Response via : Initial Calibration



TIC: BM010519.D

(86) Benzo(k)fluoranthene

23.068min (-0.041) 10.47ng/ul

response 832852

Ion	Exp%	Act%
252.00	100	100
253.00	21.40	23.93
125.00	4.30	4.71
0.00	0.00	0.00

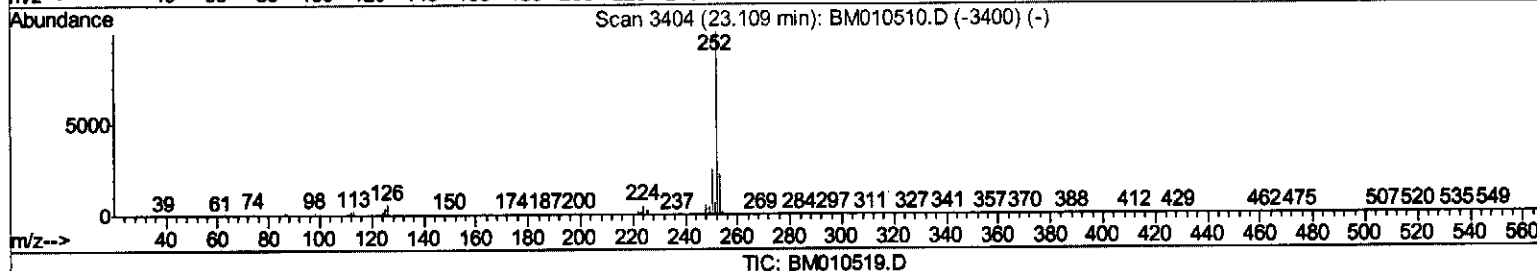
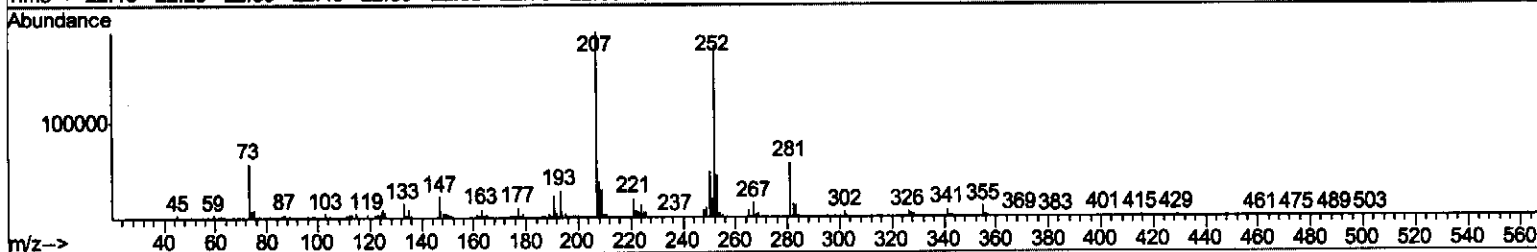
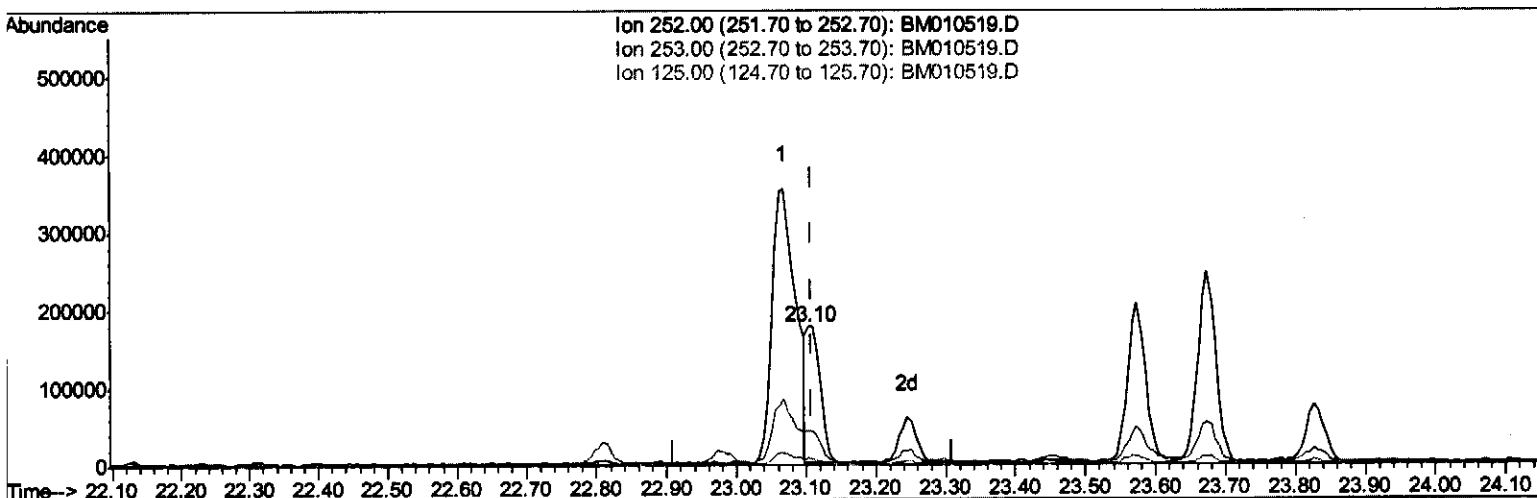
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061017\
Data File : BM010519.D
Acq On : 11 Jun 2017 11:22
Operator : SJ/MA
Sample : I3522-17
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampled :
F5B23

Manual Integrations
APPROVED

mohammad
6/12/2017 3:41:34 PM

Quant Time: Jun 12 09:09:19 2017
Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jun 12 09:00:46 2017
Response via : Initial Calibration



(86) Benzo(k)fluoranthene

23.103min (-0.006) 2.92ng/ul m

response 232654

Ion	Exp%	Act%
252.00	100	100
253.00	21.40	24.66
125.00	4.30	5.43#
0.00	0.00	0.00

5506/19/12

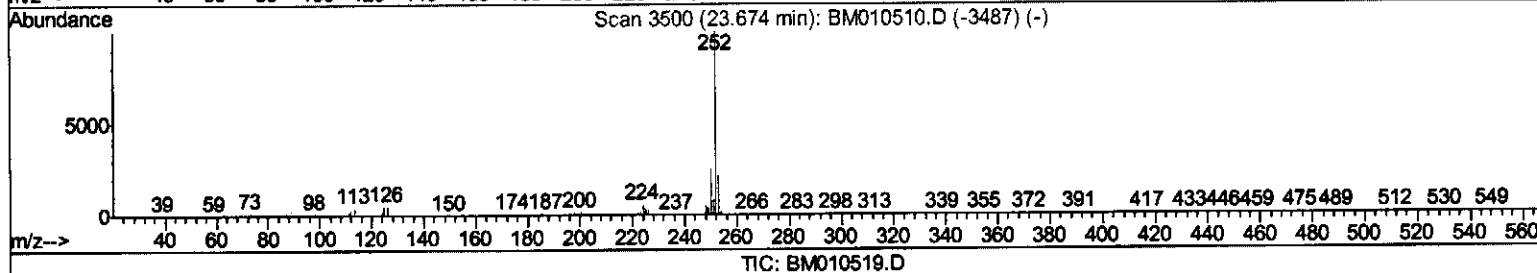
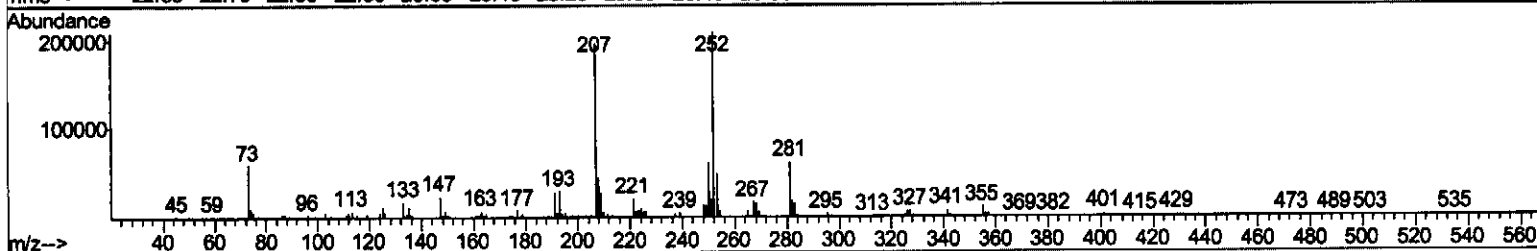
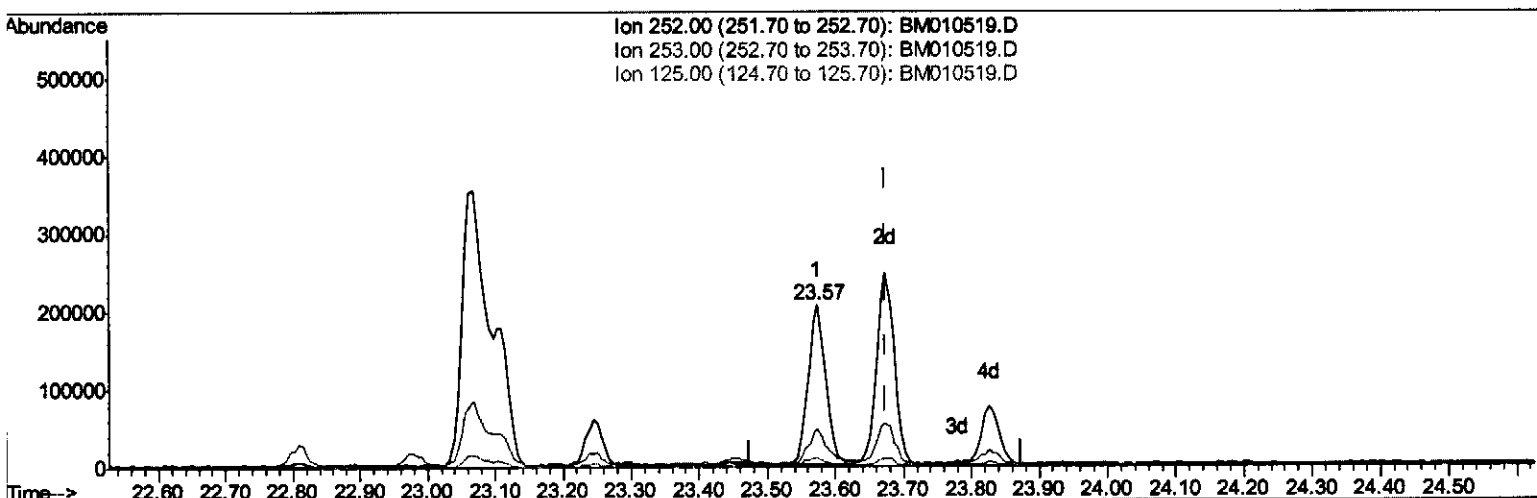
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061017\
Data File : BM010519.D
Acq On : 11 Jun 2017 11:22
Operator : SJ/MA
Sample : I3522-17
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F5B23

Manual Integrations
APPROVED

mohammad
6/12/2017 3:41:34 PM

Quant Time: Jun 12 09:09:19 2017
Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jun 12 09:00:46 2017
Response via : Initial Calibration



(88) Benzo(a)pyrene (C)

23.574min (-0.100) 4.46ng/ul

response 368352

Ion	Exp%	Act%
252.00	100	100
253.00	22.70	23.65
125.00	5.00	5.64
0.00	0.00	0.00

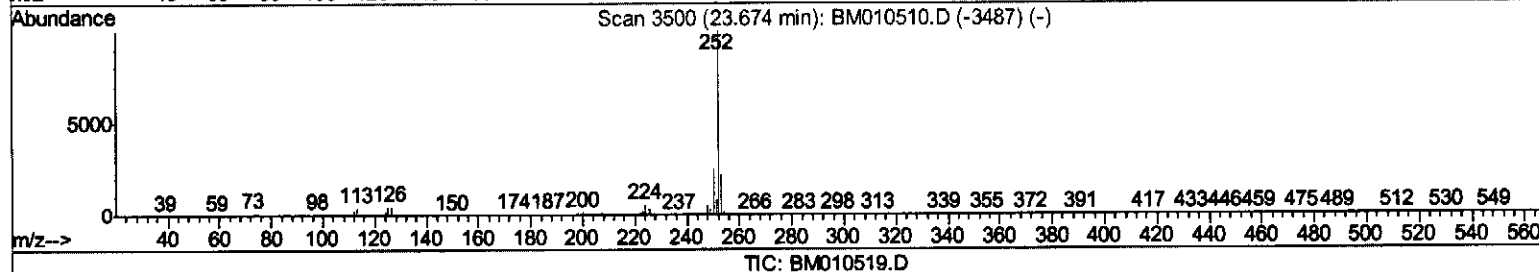
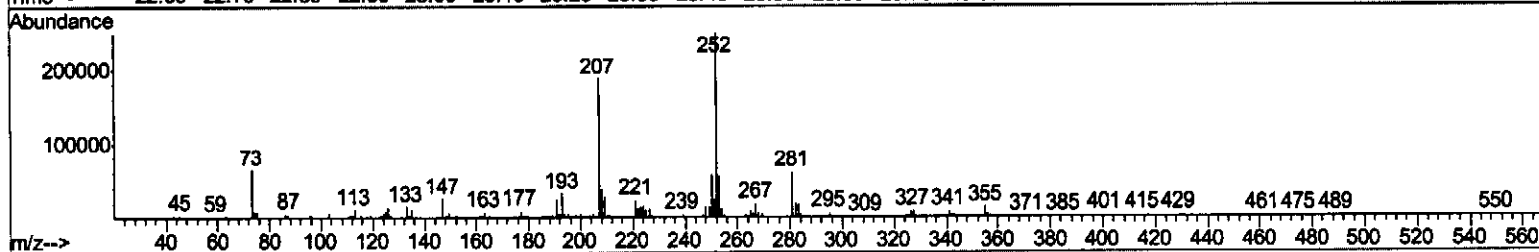
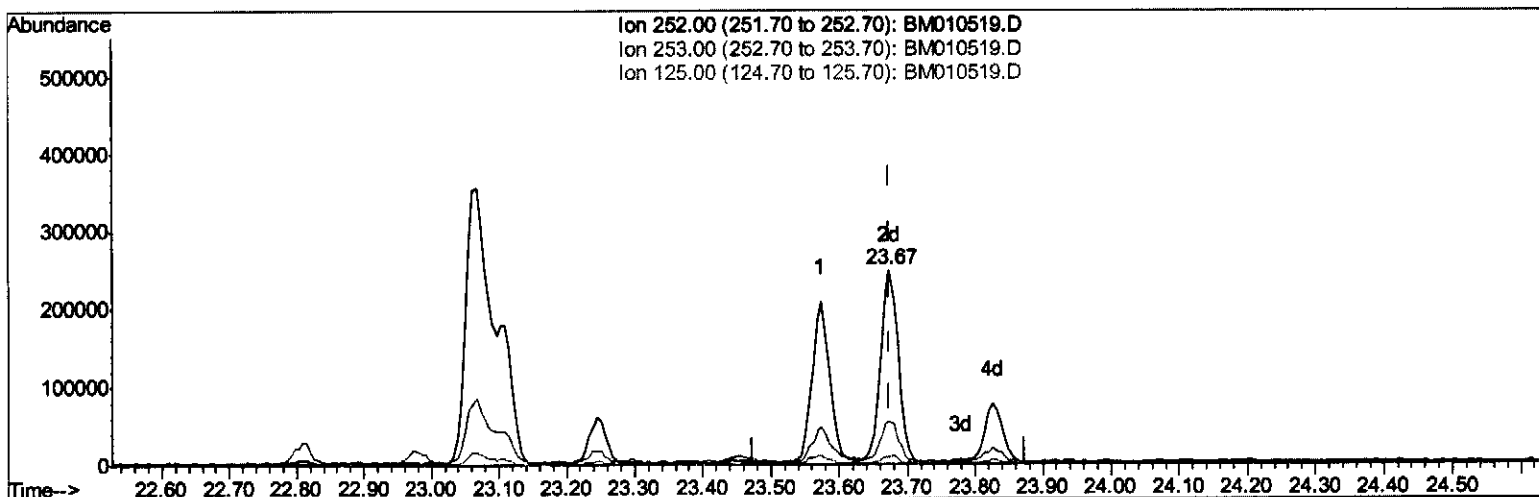
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061017\
Data File : BM010519.D
Acq On : 11 Jun 2017 11:22
Operator : SJ/MA
Sample : I3522-17
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F5B23

Manual Integrations
APPROVED

mohammad
6/12/2017 3:41:34 PM

Quant Time: Jun 12 09:09:19 2017
Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jun 12 09:00:46 2017
Response via : Initial Calibration



(88) Benzo(a)pyrene (C)

23.674min (+0.000) 5.58ng/ul m *SS 6/19/17*

response 460797

Ion	Exp%	Act%
252.00	100	100
253.00	22.70	22.11
125.00	5.00	3.88#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061017\
 Data File : BM010519.D
 Acq On : 11 Jun 2017 11:22
 Operator : SJ/MA
 Sample : I3522-17
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F5B23

Manual Integrations
 APPROVED

mohammad
 6/12/2017 3:41:34 PM

Quant Time: Jun 12 09:58:16 2017
 Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM-EPA-BM052717.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jun 12 09:00:46 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.89	152	179651	20.00	ng/ul	0.00
18) Naphthalene-d8	10.69	136	641430	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.53	164	422676	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.27	188	1050444	20.00	ng/ul	0.00
75) Chrysene-d12	21.44	240	1377166	20.00	ng/ul	0.00
83) Perylene-d12	23.78	264	1431623	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.36	96	15141	3.46	ng/uL	0.00
5) Phenol-d5	7.07	99	263985	19.39	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.23	67	156960	20.52	ng/ul	0.00
9) 2-Chlorophenol-d4	7.43	132	242306	22.33	ng/ul	0.00
13) 4-Methylphenol-d8	8.62	113	218164	19.86	ng/ul	0.00
19) Nitrobenzene-d5	9.07	128	115827	24.65	ng/ul	0.00
22) 2-Nitrophenol-d4	9.79	143	140223	25.76	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.32	165	289981	25.94	ng/ul	0.00
29) 4-Chloroaniline-d4	10.86	131	287740	26.67	ng/ul	0.00
43) Dimethylphthalate-d6	13.94	166	972664	27.70	ng/ul	0.00
46) Acenaphthylene-d8	14.23	160	1055919	25.77	ng/ul	0.00
51) 4-Nitrophenol-d4	14.77	143	81540	15.52	ng/ul	0.00
57) Fluorene-d10	15.52	176	830024	26.89	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.65	200	127747	17.17	ng/ul	0.00
70) Anthracene-d10	17.37	188	1337069	26.16	ng/ul	0.00
76) Pyrene-d10	19.66	212	1675099	29.41	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.63	264	1785889	26.79	ng/ul	0.00

Target Compounds

					Qvalue	
6) Phenol	7.10	94	25481	1.826	ng/ul#	80
44) Dimethylphthalate	13.99	163	509730	14.759	ng/ul	99
74) Fluoranthene	19.33	202	342423	4.966	ng/ul#	94
77) Pyrene	19.69	202	370993	5.228	ng/ul#	94
80) Benzo(a)anthracene	21.43	228	321778	4.143	ng/ul	96
82) Chrysene	21.48	228	399198	5.686	ng/ul	93
85) Benzo(b)fluoranthene	23.07	252	832852	9.998	ng/ul	97
86) Benzo(k)fluoranthene	23.10	252	232654m	2.923	ng/ul	} SJ 06/19/17
88) Benzo(a)pyrene	23.67	252	460797m	5.581	ng/ul	
89) Indeno(1,2,3-cd)pyrene	26.15	276	321273	3.080	ng/ul#	91
91) Benzo(g,h,i)perylene	26.90	276	246651	2.870	ng/ul#	92

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