

Instrument :
BNA_M
ClientSampleId :
F5C66

mohammad
6/12/2017 3:41:39 PM

Quant Time: Jun 12 10:10:07 2017

Quant Method : Z:\HPCHEM1\BNA M\Methods\SOM-EPA-BM052717.M

Quant Title : SVOA CALIBRATION

OLast Update : Mon Jun 12 09:00:46 2017

Response via : Initial Calibration



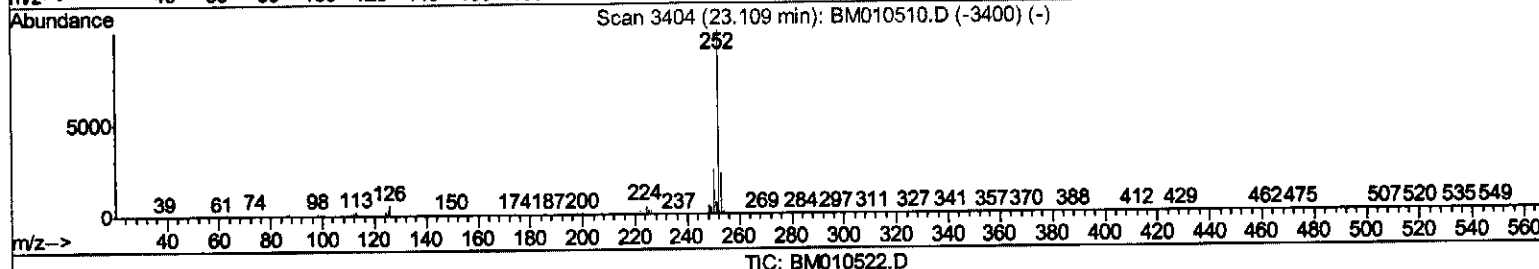
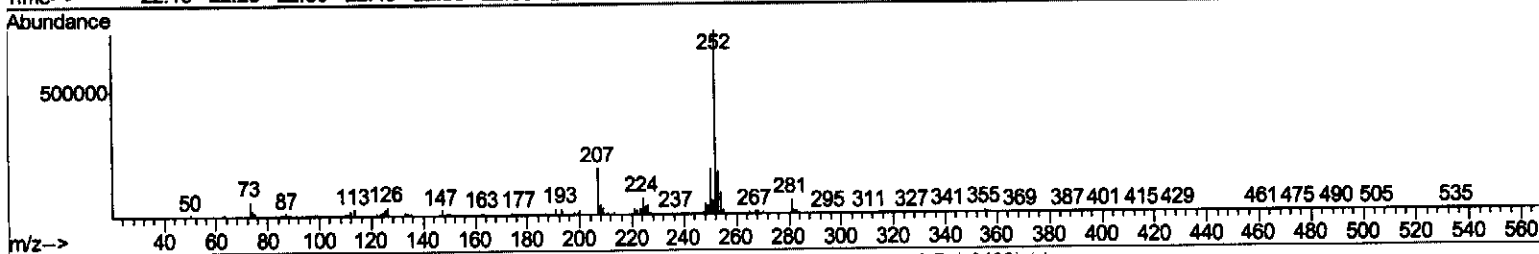
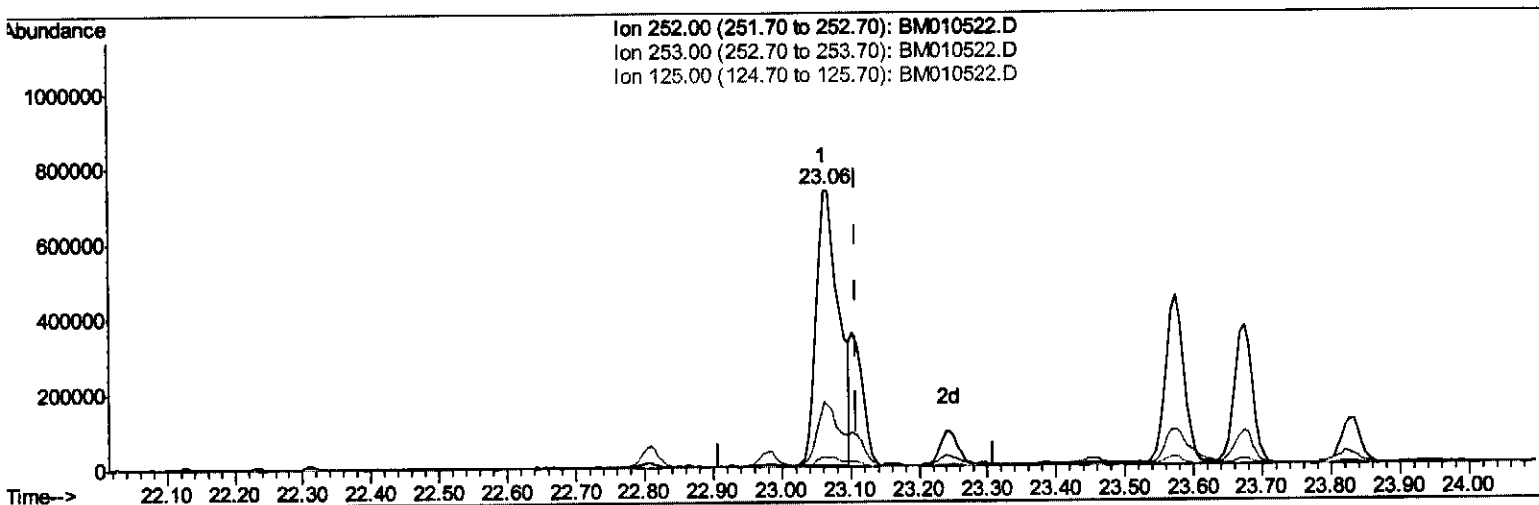
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061017\
Data File : BM010522.D
Acq On : 11 Jun 2017 13:10
Operator : SJ/MA
Sample : I3522-01
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
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Manual Integrations
APPROVED

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Quant Time: Jun 12 10:06:43 2017
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TIC: BM010522.D

(86) Benzo(k)fluoranthene

23.062min (-0.047) 23.65ng/ul

response 1717521

Ion	Exp%	Act%
252.00	100	100
253.00	21.40	23.48
125.00	4.30	3.80
0.00	0.00	0.00

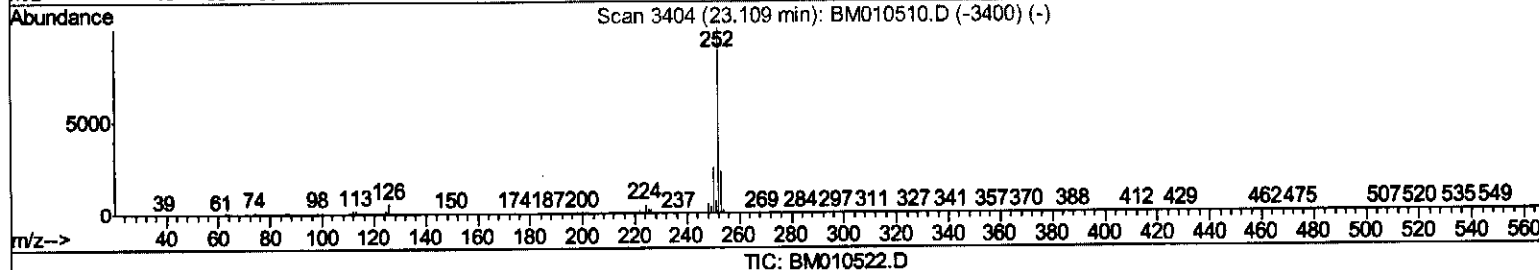
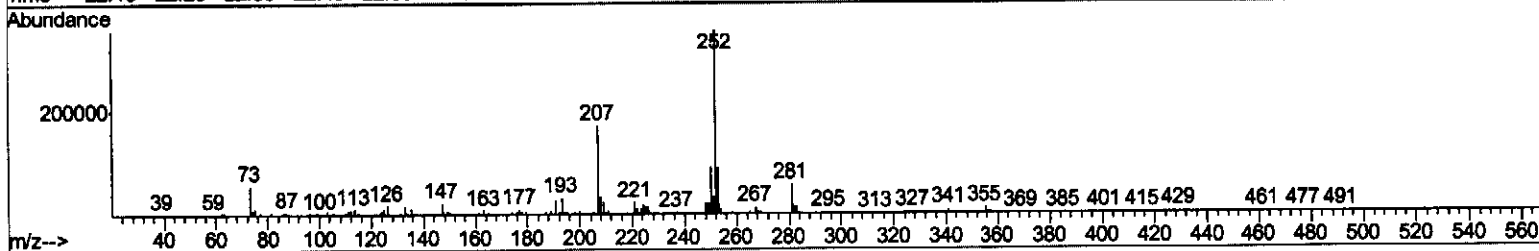
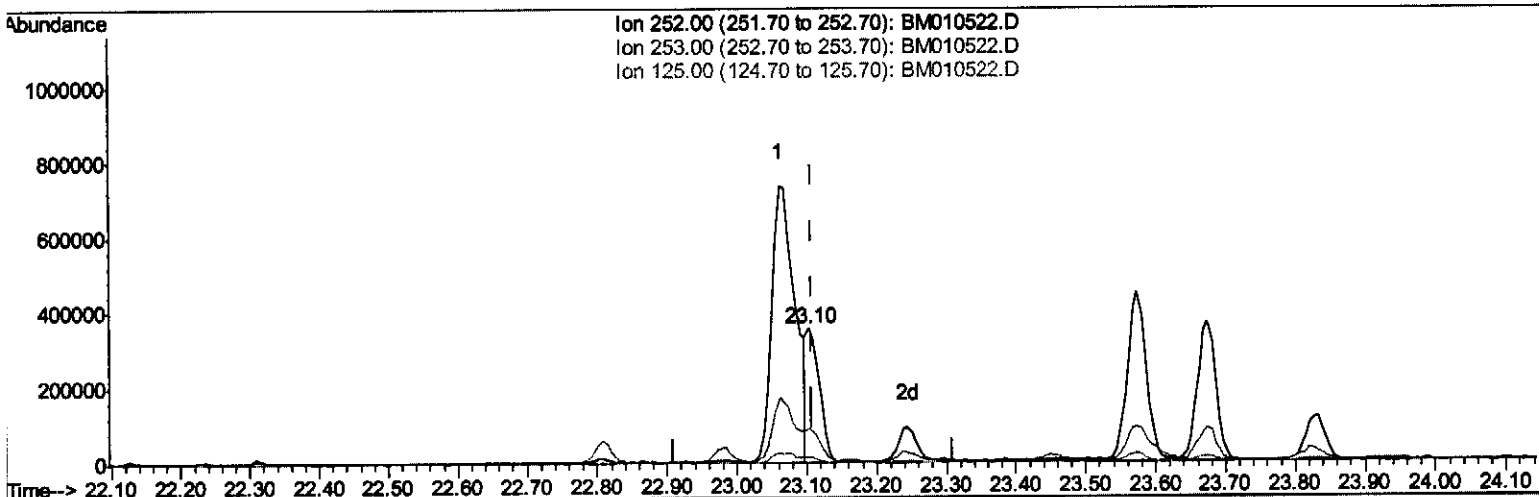
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(86) Benzo(k)fluoranthene

23.103min (-0.006) 6.00ng/ul m

response 435688

Ion	Exp%	Act%
252.00	100	100
253.00	21.40	25.44
125.00	4.30	3.54
0.00	0.00	0.00

558619117

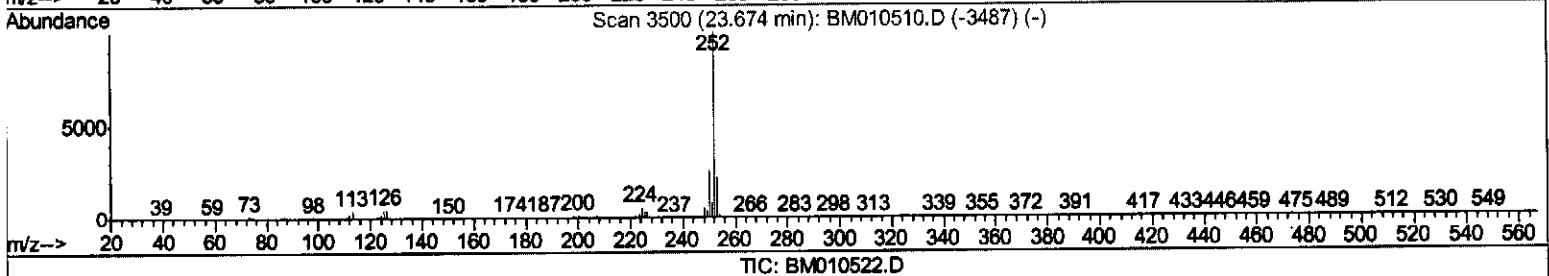
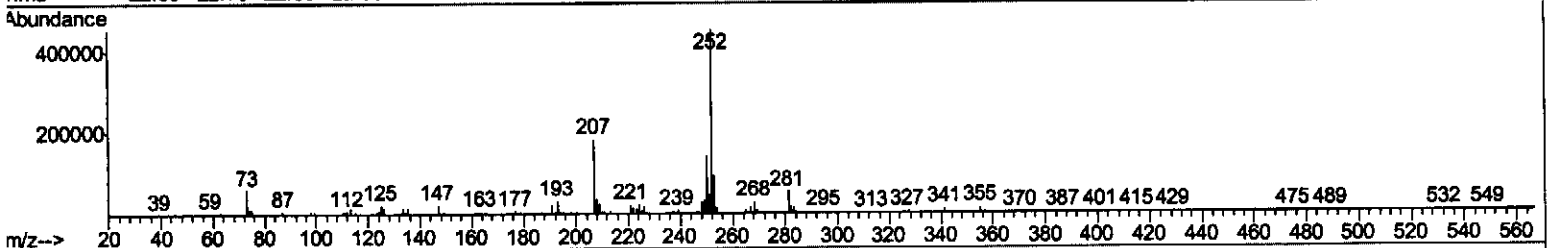
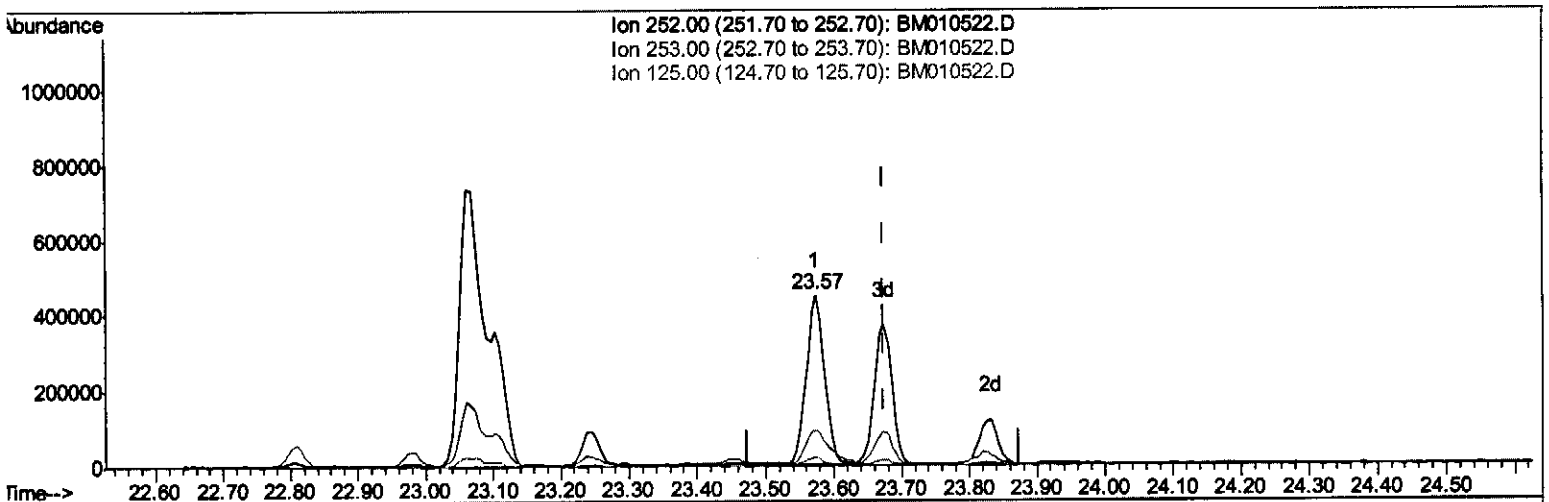
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(88) Benzo(a)pyrene (C)

23.574min (-0.100) 11.07ng/ul

response 833934

Ion	Exp%	Act%
252.00	100	100
253.00	22.70	20.82
125.00	5.00	5.05
0.00	0.00	0.00

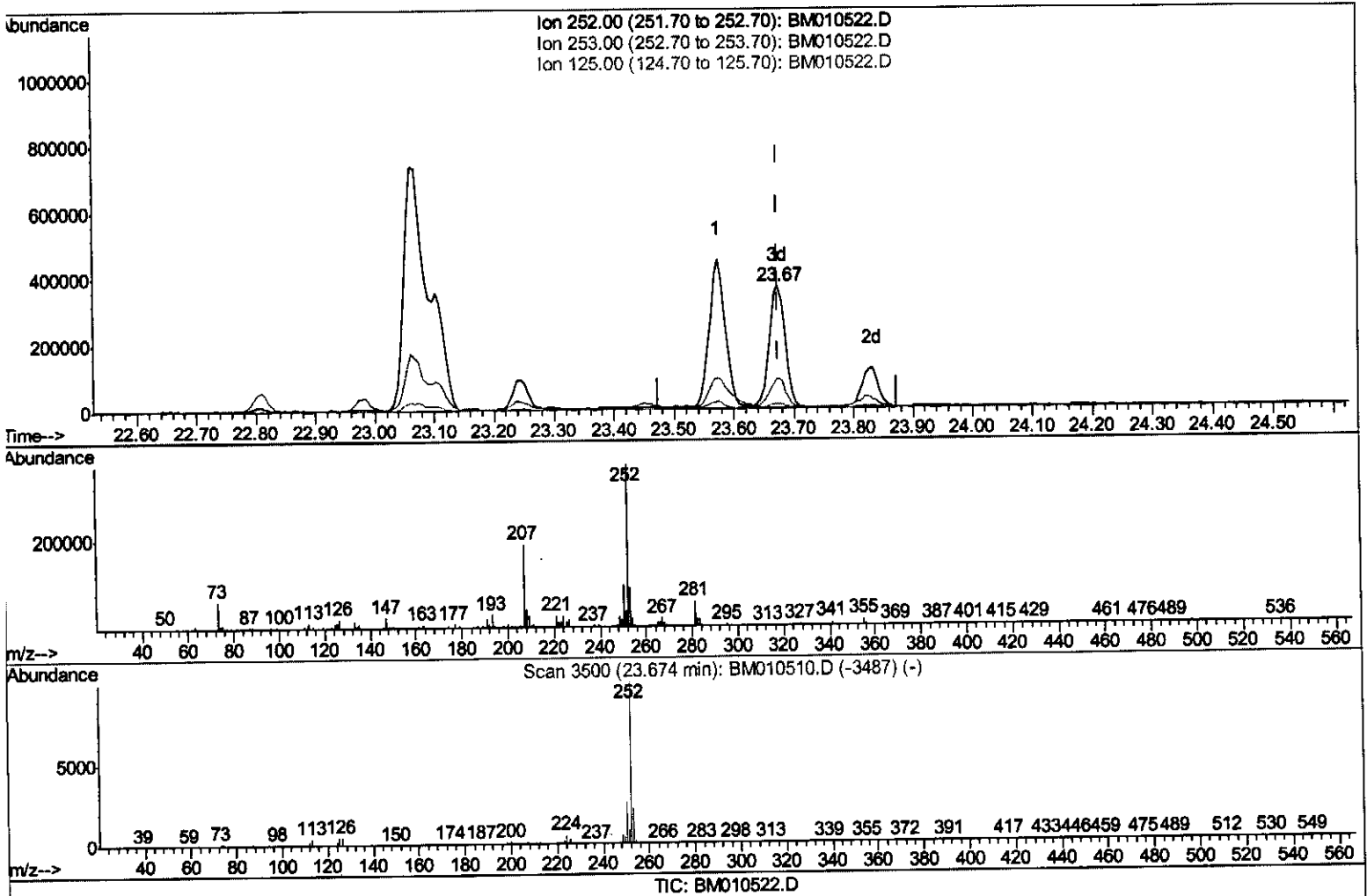
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ALS Vial : 47 Sample Multiplier: 1

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(88) Benzo(a)pyrene (C)

23.674min (+0.000) 9.23ng/ul m

response 695451

Ion	Exp%	Act%
252.00	100	100
253.00	22.70	24.30
125.00	5.00	3.52#
0.00	0.00	0.00

JS
06/19/17

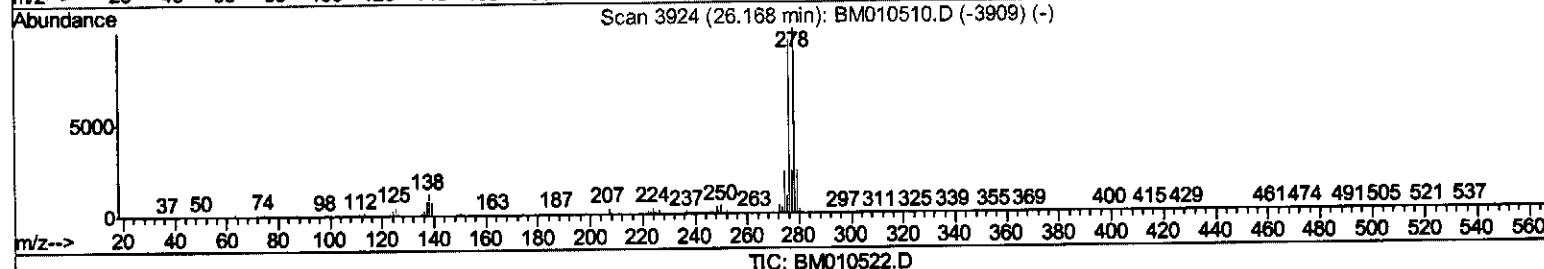
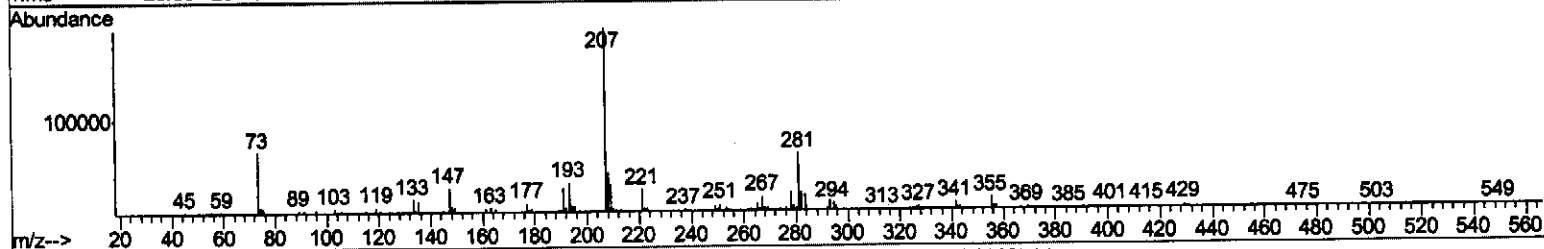
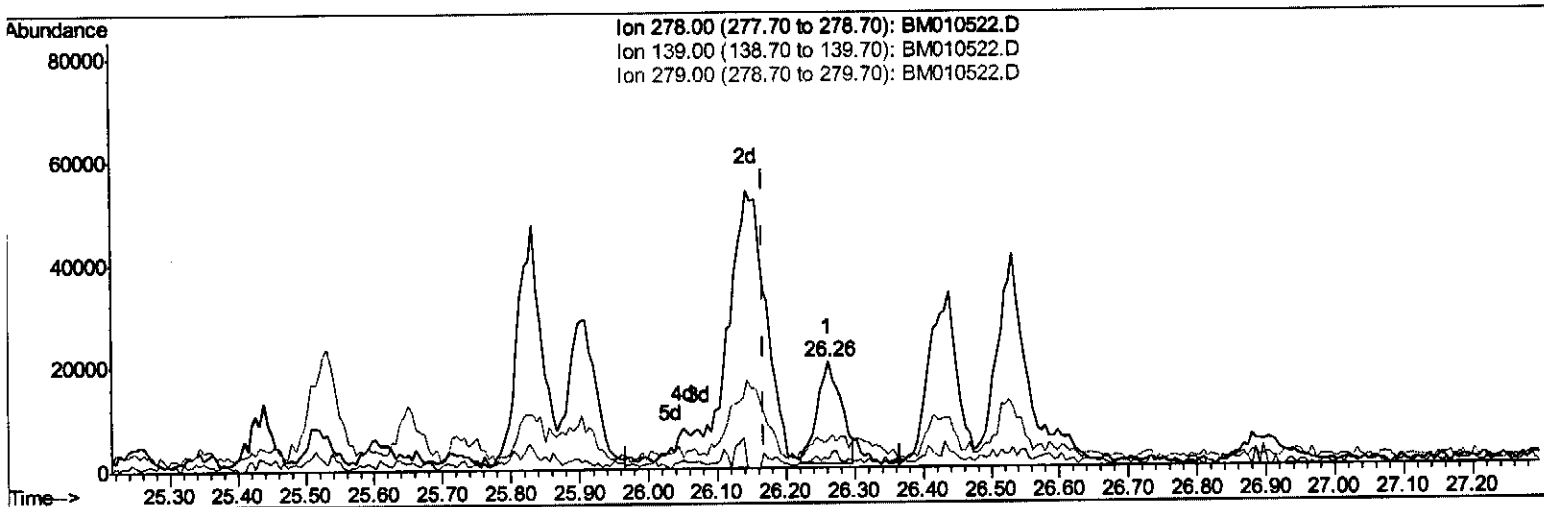
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Operator : SJ/MA
Sample : I3522-01
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
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Quant Time: Jun 12 10:08:03 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



(90) Dibenzo(a,h)anthracene

26.262min (+0.094) 0.59ng/ul

response 48050

Ion	Exp%	Act%
278.00	100	100
139.00	7.30	7.99
279.00	23.20	26.72
0.00	0.00	0.00

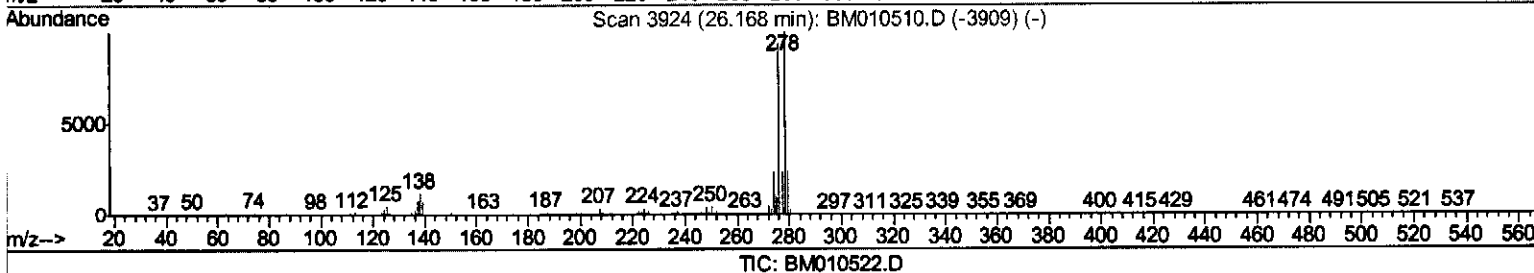
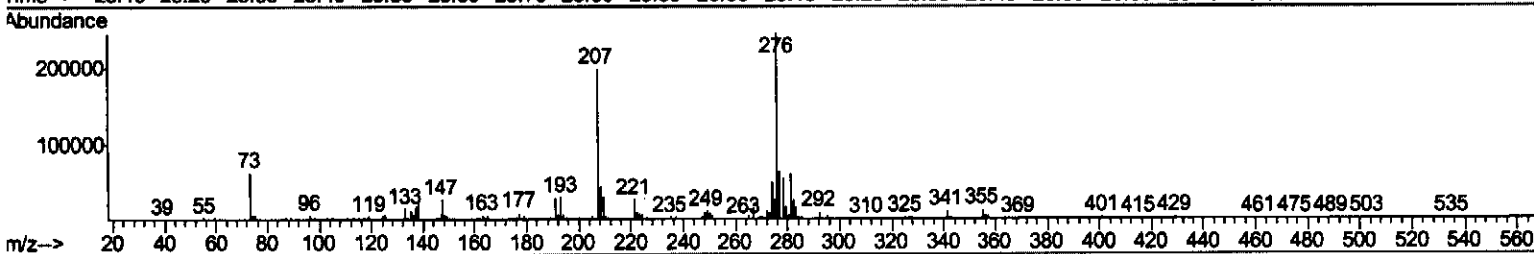
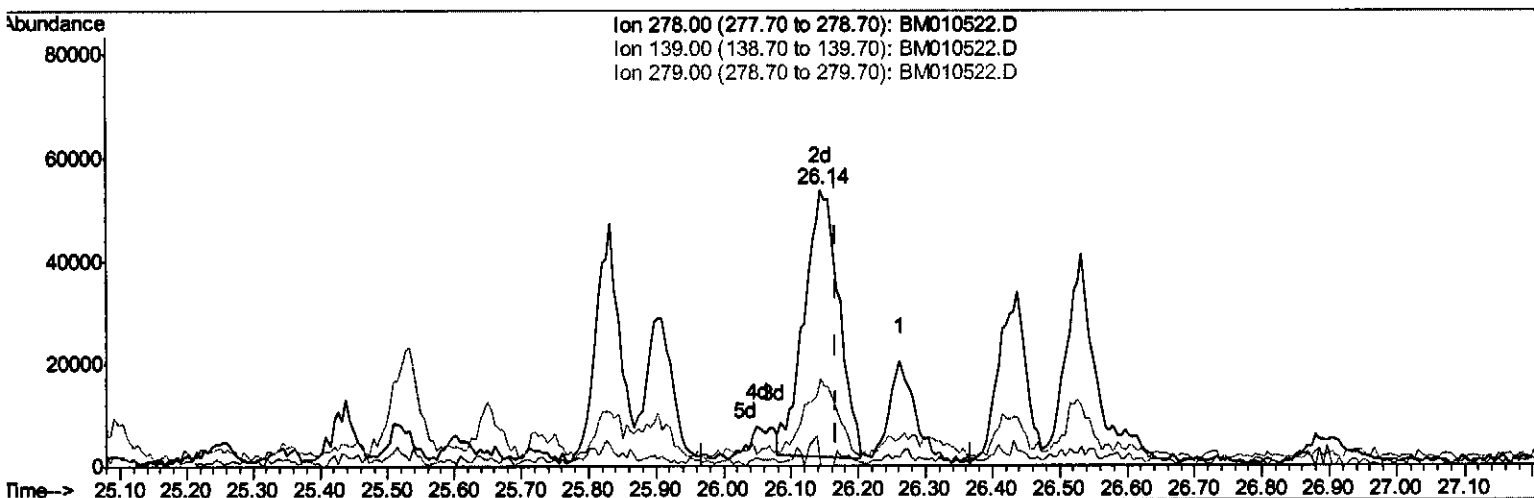
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061017\
Data File : BM010522.D
Acq On : 11 Jun 2017 13:10
Operator : SJ/MA
Sample : I3522-01
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
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Quant Time: Jun 12 10:08:03 2017
Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration



(90) Dibenzo(a,h)anthracene

26.144min (-0.023) 2.27ng/ul m

SS 06/19/17

response 186320

Ion	Exp%	Act%
278.00	100	100
139.00	7.30	0.00#
279.00	23.20	31.80#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061017\
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 Acq On : 11 Jun 2017 13:10
 Operator : SJ/MA
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 Misc :
 ALS Vial : 47 Sample Multiplier: 1

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.89	152	144236	20.00	ng/ul	0.00
18) Naphthalene-d8	10.69	136	502608	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.53	164	349737	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.27	188	883262	20.00	ng/ul	0.00
75) Chrysene-d12	21.44	240	1245867	20.00	ng/ul	0.00
83) Perylene-d12	23.78	264	1306400	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.36	96	12194	3.47	ng/uL	0.00
5) Phenol-d5	7.07	99	188099	17.21	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.23	67	113268	18.44	ng/ul	0.00
9) 2-Chlorophenol-d4	7.43	132	173614	19.93	ng/ul	0.00
13) 4-Methylphenol-d8	8.61	113	169945	19.27	ng/ul	0.00
19) Nitrobenzene-d5	9.07	128	81398	22.11	ng/ul	0.00
22) 2-Nitrophenol-d4	9.79	143	100803	23.64	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.32	165	207381	23.67	ng/ul	0.00
29) 4-Chloroaniline-d4	10.86	131	205243	24.28	ng/ul	0.00
43) Dimethylphthalate-d6	13.94	166	711640	24.49	ng/ul	0.00
46) Acenaphthylene-d8	14.23	160	775085	22.87	ng/ul	0.00
51) 4-Nitrophenol-d4	14.77	143	59289	13.64	ng/ul	0.00
57) Fluorene-d10	15.52	176	612618	23.98	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.64	200	100336	16.04	ng/ul	0.00
70) Anthracene-d10	17.37	188	1011013	23.52	ng/ul	0.00
76) Pyrene-d10	19.66	212	1305005	25.33	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.63	264	1448178	23.81	ng/ul	0.00

Target Compounds

					Qvalue
44) Dimethylphthalate	13.99	163	362082	12.670 ng/ul	100
47) Acenaphthylene	14.26	152	46584	1.406 ng/ul	97
71) Anthracene	17.41	178	70201	1.426 ng/ul	94
74) Fluoranthene	19.33	202	351186	6.056 ng/ul#	95
77) Pyrene	19.69	202	460817	7.178 ng/ul#	93
80) Benzo(a)anthracene	21.43	228	337362	4.802 ng/ul	92
82) Chrysene	21.48	228	330363	5.202 ng/ul	92
85) Benzo(b)fluoranthene	23.06	252	1717521	22.594 ng/ul	98
86) Benzo(k)fluoranthene	23.10	252	435688m	6.000 ng/ul	95
88) Benzo(a)pyrene	23.67	252	695451m	9.230 ng/ul	96
89) Indeno(1,2,3-cd)pyrene	26.14	276	681221	7.156 ng/ul#	96
90) Dibenzo(a,h)anthracene	26.14	278	186320m	2.272 ng/ul	96
91) Benzo(g,h,i)perylene	26.89	276	497976	6.350 ng/ul#	96

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