

Data Path : Z:\HPCHEM1\BNA_M\Data\BM061317\
Data File : BM010572.D
Acq On : 13 Jun 2017 22:21
Operator : SJ/MA
Sample : I3522-11 10X
Misc :
ALS Vial : 15 Sample Multiplier: 1

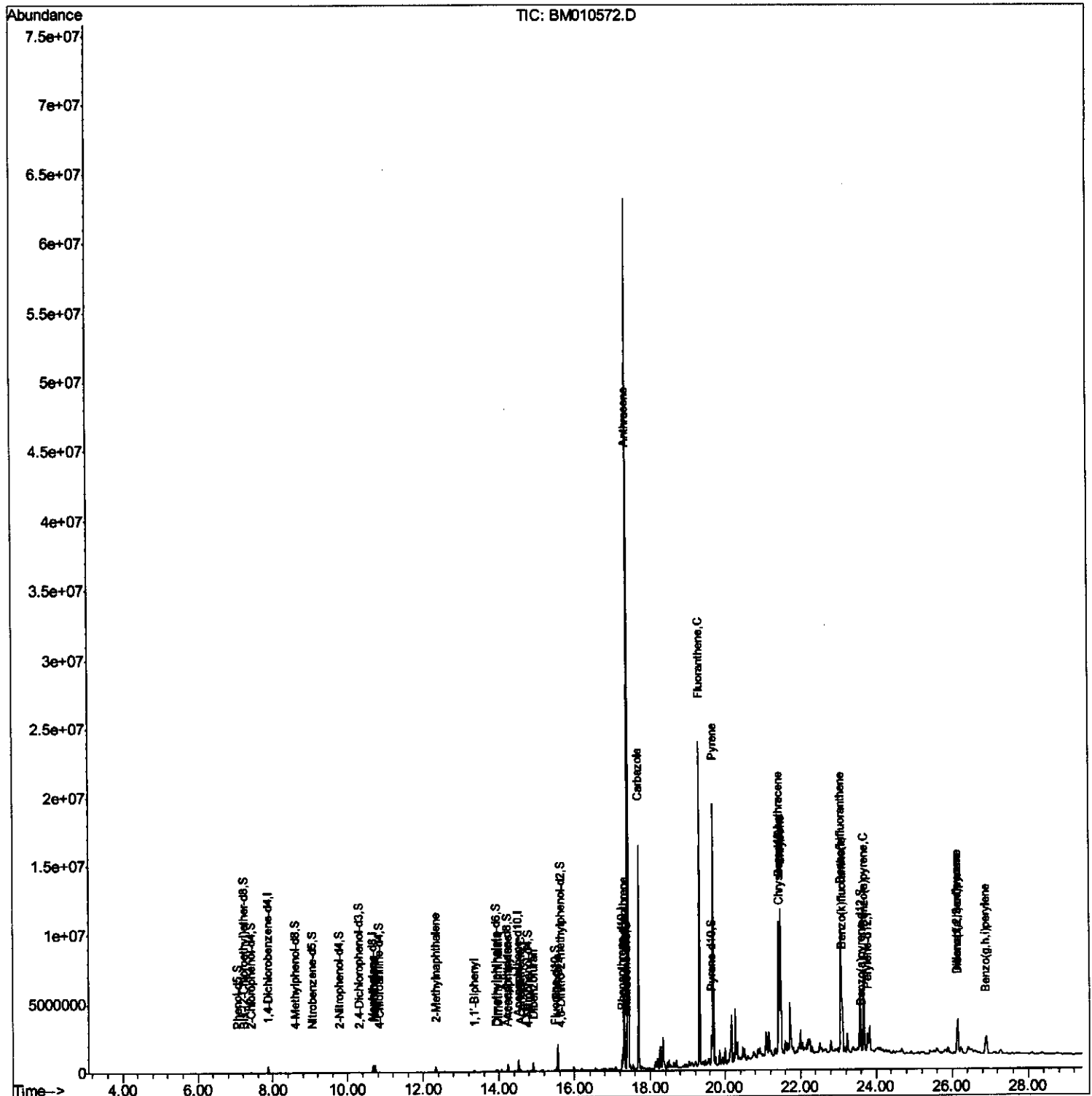
Instrument :
BNA_M
ClientSampleId :
F5C31

Manual Integrations

mohammad

6/14/2017 2:57:43 PM

Quant Time: Jun 14 09:01:04 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jun 14 01:46:30 2017
Response via : Initial Calibration



Data Path : Z:\HPCHEM1\BNA_M\Data\BM061317\
Data File : BM010572.D
Acq On : 13 Jun 2017 22:21
Operator : SJ/MA
Sample : I3522-11 10X
Misc :
ALS Vial : 15 Sample Multiplier: 1

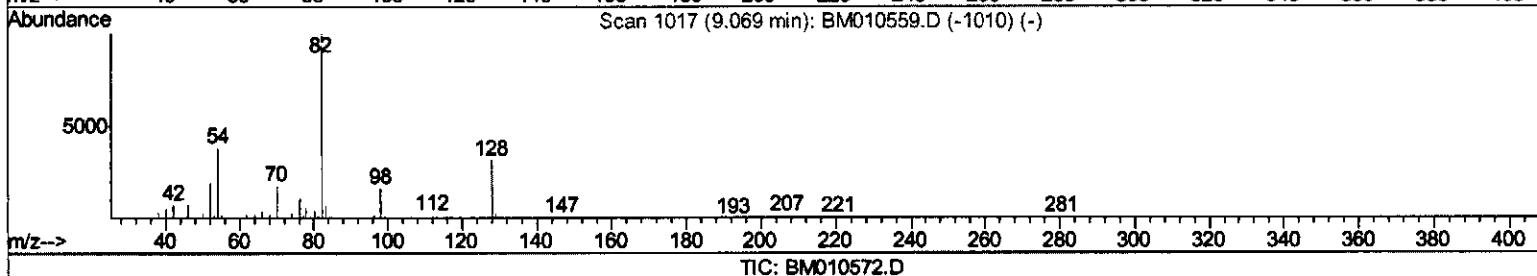
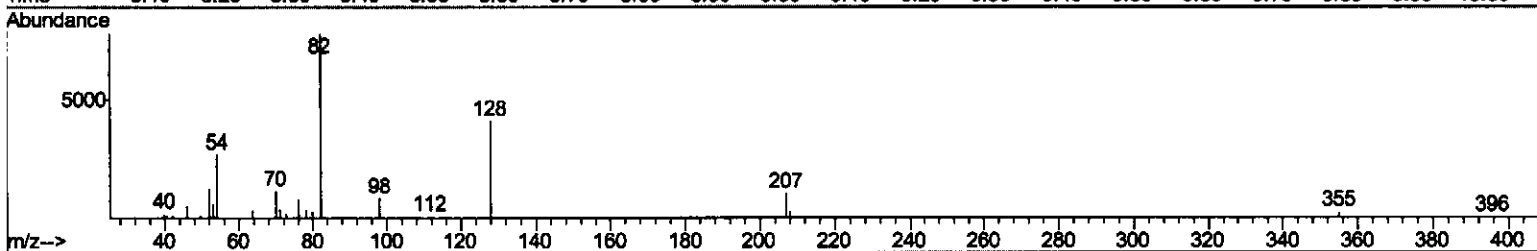
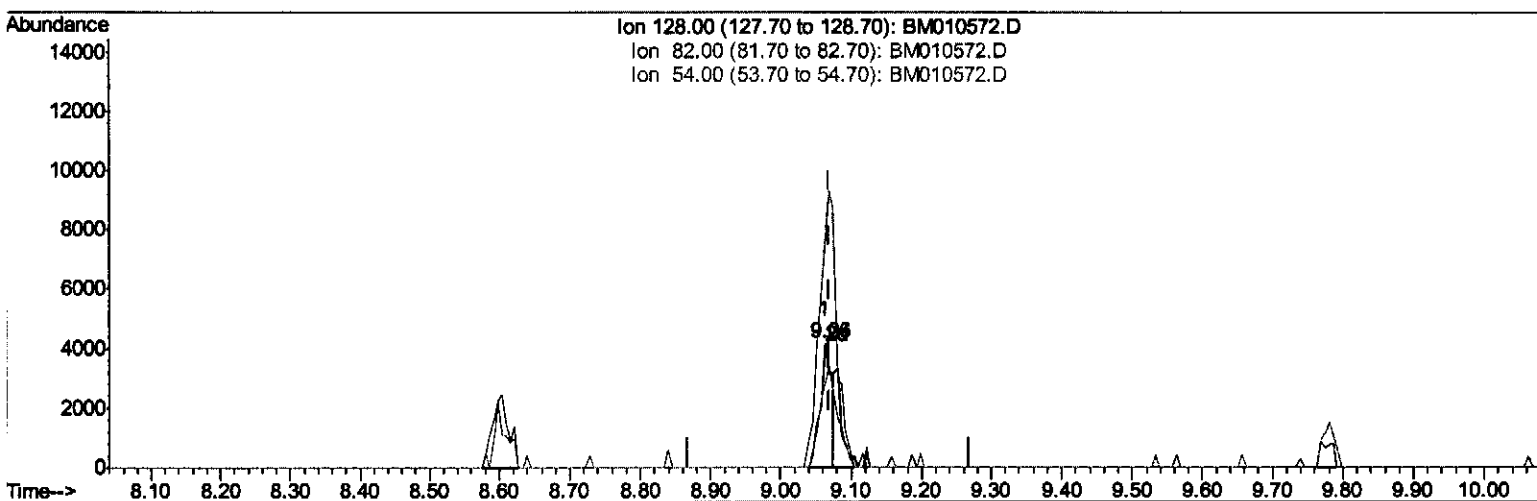
Instrument :
BNA_M
ClientSampleId :
F5C31

Manual Integrations
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mohammad

6/14/2017 2:57:43 PM

Quant Time: Jun 14 01:50:29 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jun 14 01:46:30 2017
Response via : Initial Calibration



(19) Nitrobenzene-d5 (S)

9.063min (-0.006) 2.05ng/ul

response 5105

Ion	Exp%	Act%
128.00	100	100
82.00	297.40	183.66#
54.00	142.70	68.44#
0.00	0.00	0.00

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Operator : SJ/MA
Sample : I3522-11 10X
Misc :
ALS Vial : 15 Sample Multiplier: 1

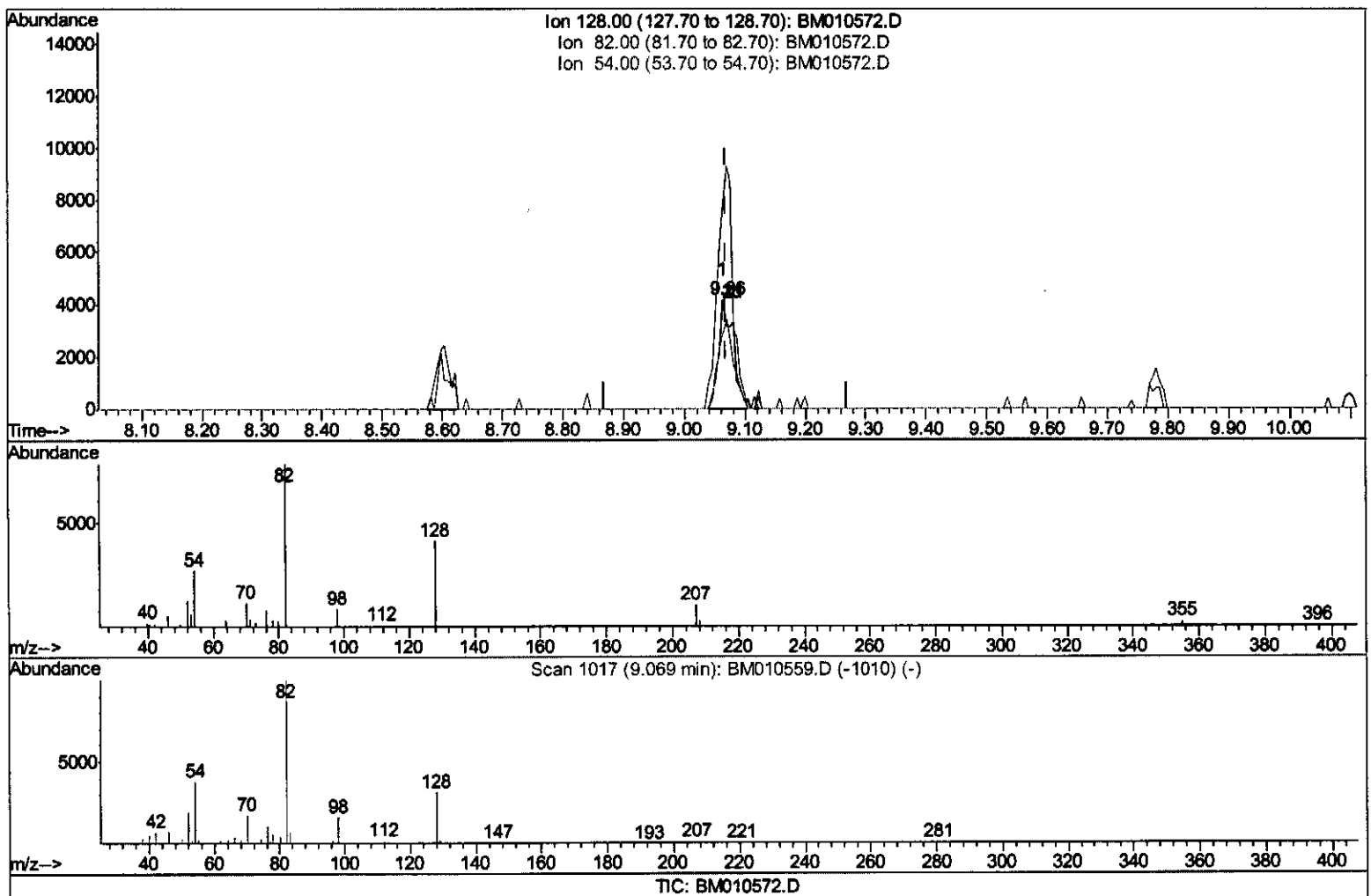
Instrument :
BNA_M
ClientSampleId :
F5C31

Manual Integrations
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6/14/2017 2:57:43 PM

Quant Time: Jun 14 01:50:29 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION
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(19) Nitrobenzene-d5 (S)

9.063min (-0.006) 2.88ng/ul m

response 7190

Ion	Exp%	Act%
128.00	100	100
82.00	297.40	183.66#
54.00	142.70	68.44#
0.00	0.00	0.00

SJ
6/20/17

Data Path : Z:\HPCHEM1\BNA_M\Data\BM061317\
Data File : BM010572.D
Acq On : 13 Jun 2017 22:21
Operator : SJ/MA
Sample : I3522-11 10X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampled :
F5C31

Manual Integrations
APPROVED

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6/14/2017 2:57:43 PM

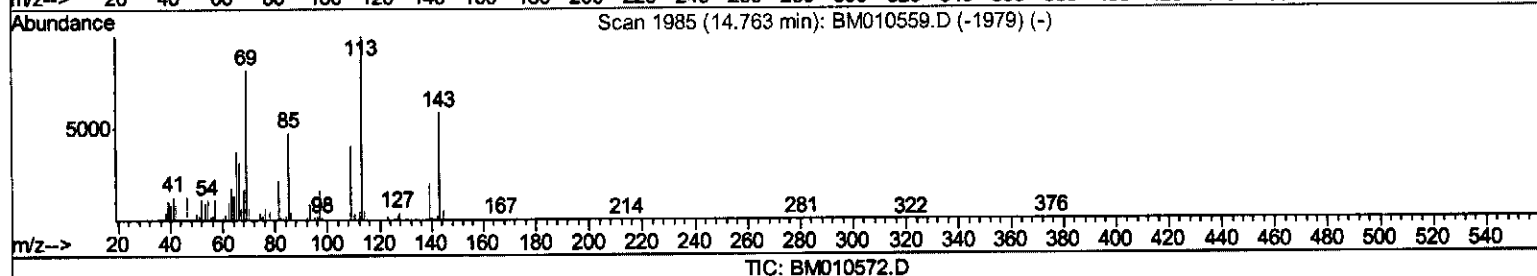
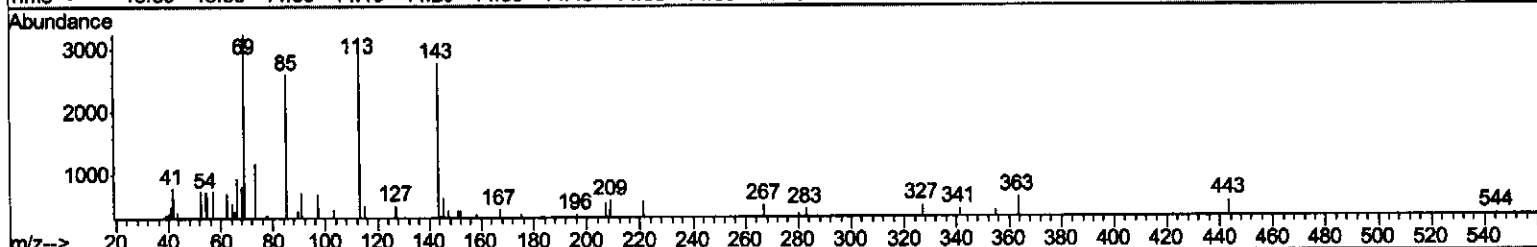
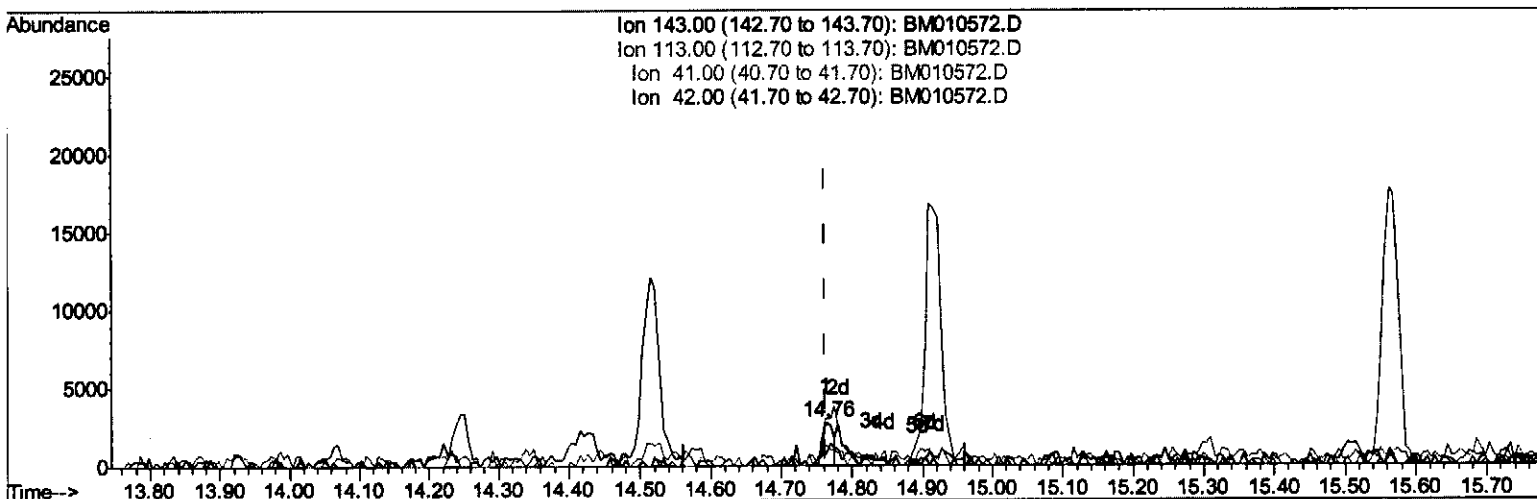
Quant Time: Jun 14 01:50:29 2017

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM052717.M

Quant Title : SVOA CALIBRATION

QLast Update : Wed Jun 14 01:46:30 2017

Response via : Initial Calibration



(51) 4-Nitrophenol-d4 (S)

14.763min (-0.000) 1.04ng/ul

response 2933

Ion	Exp%	Act%
143.00	100	100
113.00	114.60	106.19
41.00	34.80	45.81#
42.00	20.50	22.85

SS 06/20/17

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Acq On : 13 Jun 2017 22:21
Operator : SJ/MA
Sample : I3522-11 10X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampled :
F5C31

Manual Integrations
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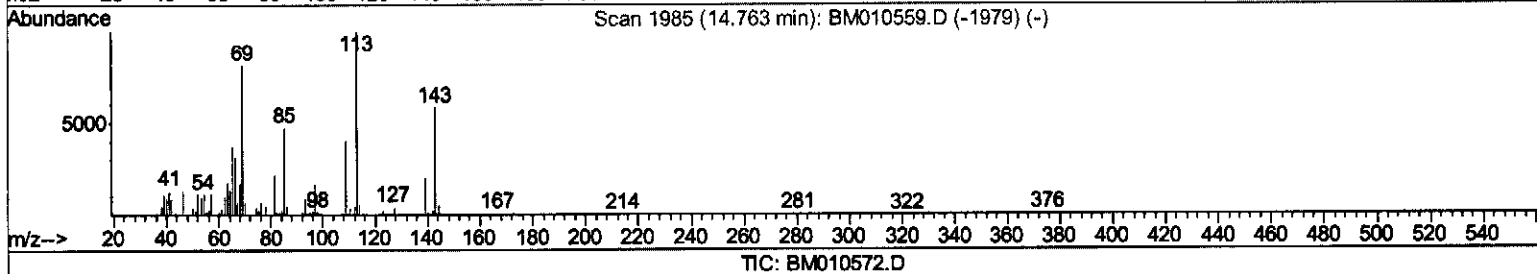
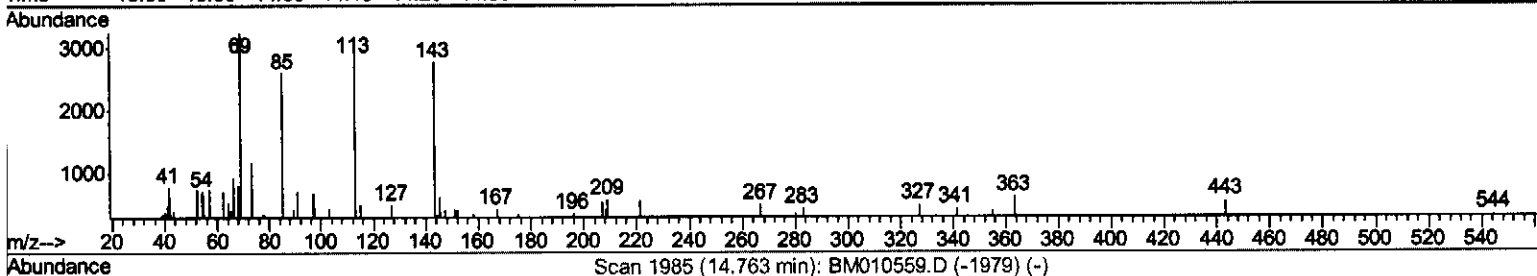
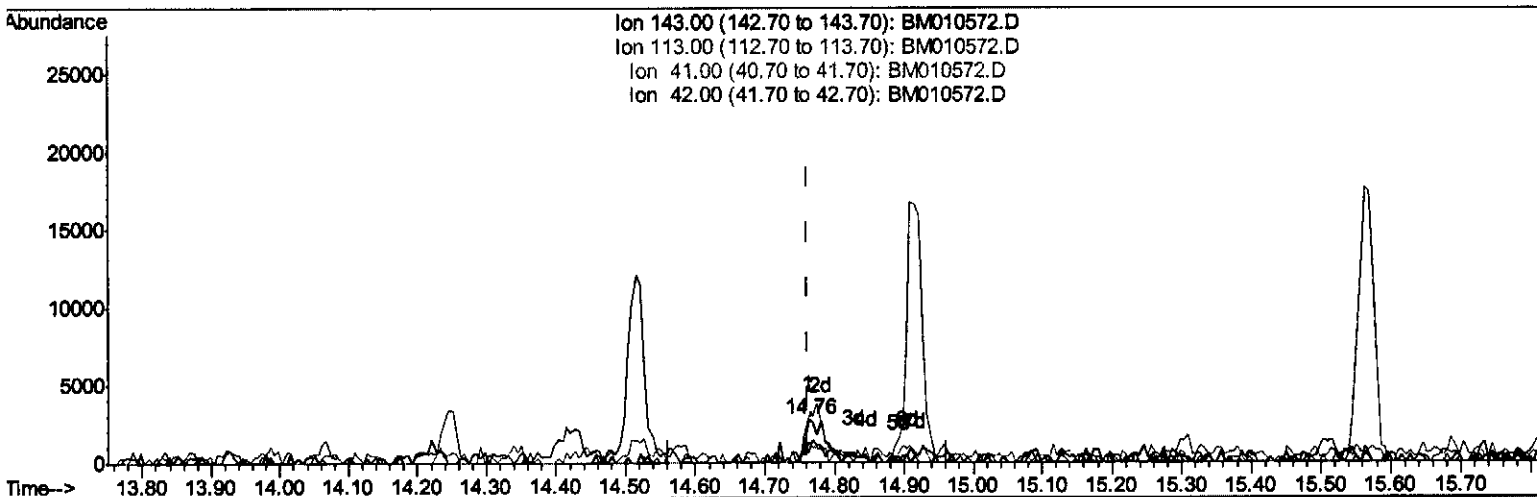
Quant Time: Jun 14 01:50:29 2017

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM052717.M

Quant Title : SVOA CALIBRATION

QLast Update : Wed Jun 14 01:46:30 2017

Response via : Initial Calibration



(51) 4-Nitrophenol-d4 (S)

14.763min (-0.000) 1.78ng/ul m

response 5037

Ion	Exp%	Act%
143.00	100	100
113.00	114.60	106.19
41.00	34.80	28.07
42.00	20.50	22.85

506/20/17

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 Operator : SJ/MA
 Sample : I3522-11 10X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

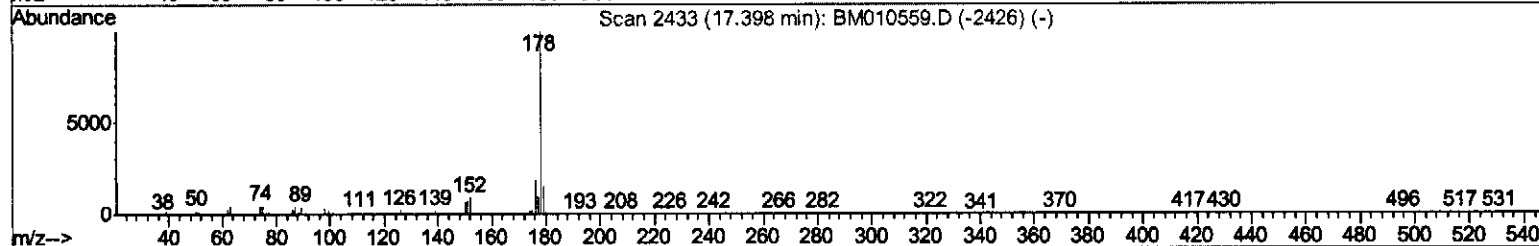
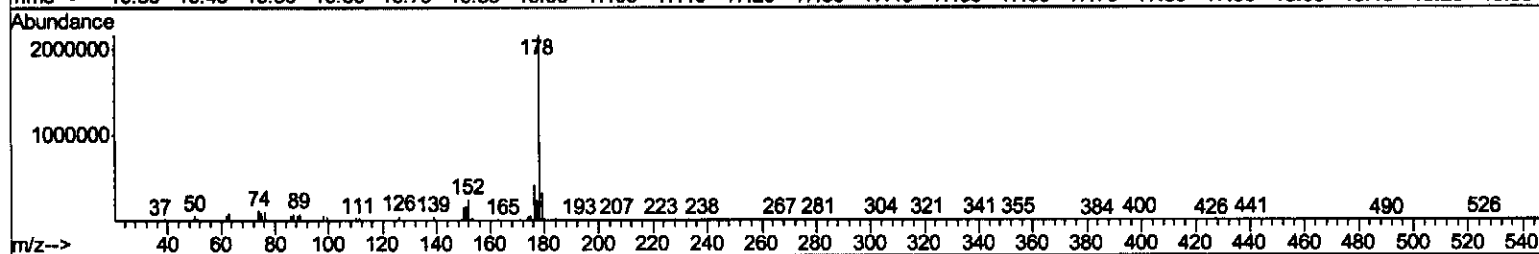
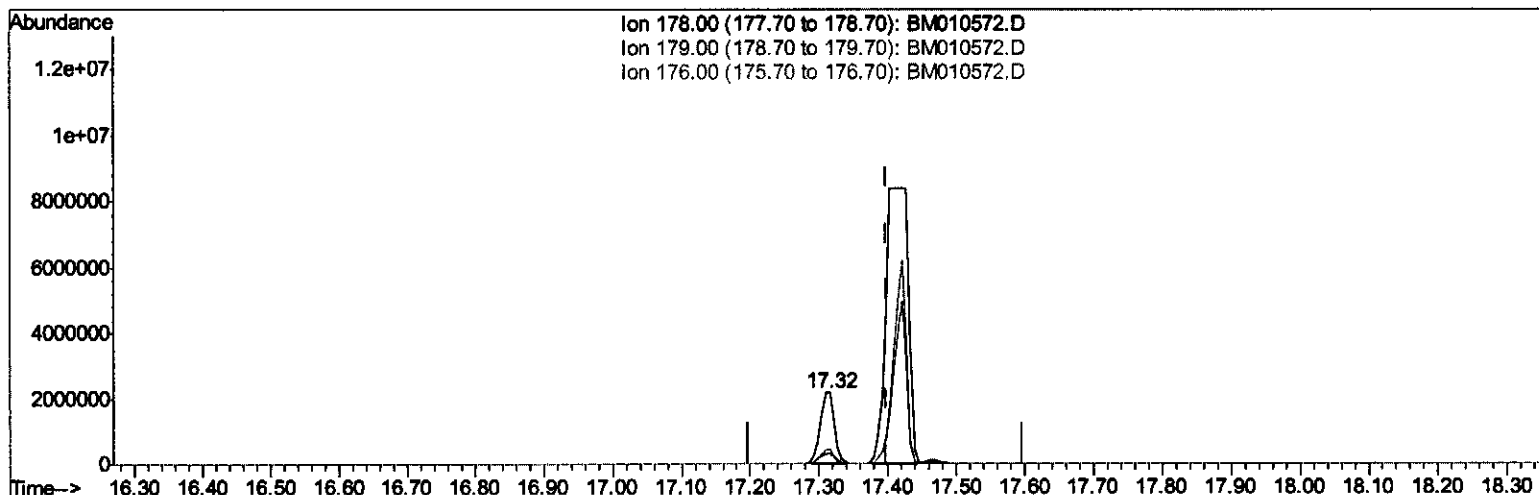
Instrument :
 BNA_M
 ClientSampleId :
 F5C31

Manual Integrations
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TIC: BM010572.D

(71) Anthracene

17.315min (-0.082) 91.27ng/ul

response 3089403

Ion	Exp%	Act%
178.00	100	100
179.00	14.60	14.91
176.00	18.20	19.32
0.00	0.00	0.00

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Acq On : 13 Jun 2017 22:21
Operator : SJ/MA
Sample : I3522-11 10X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F5C31

Manual Integrations
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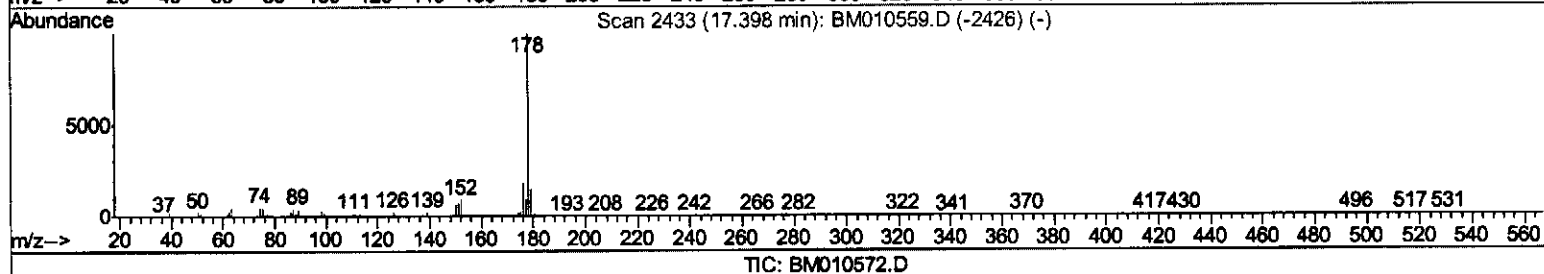
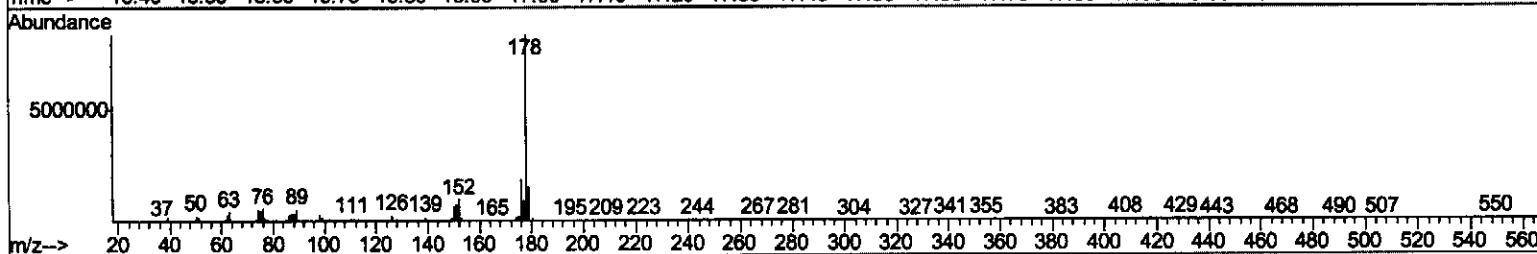
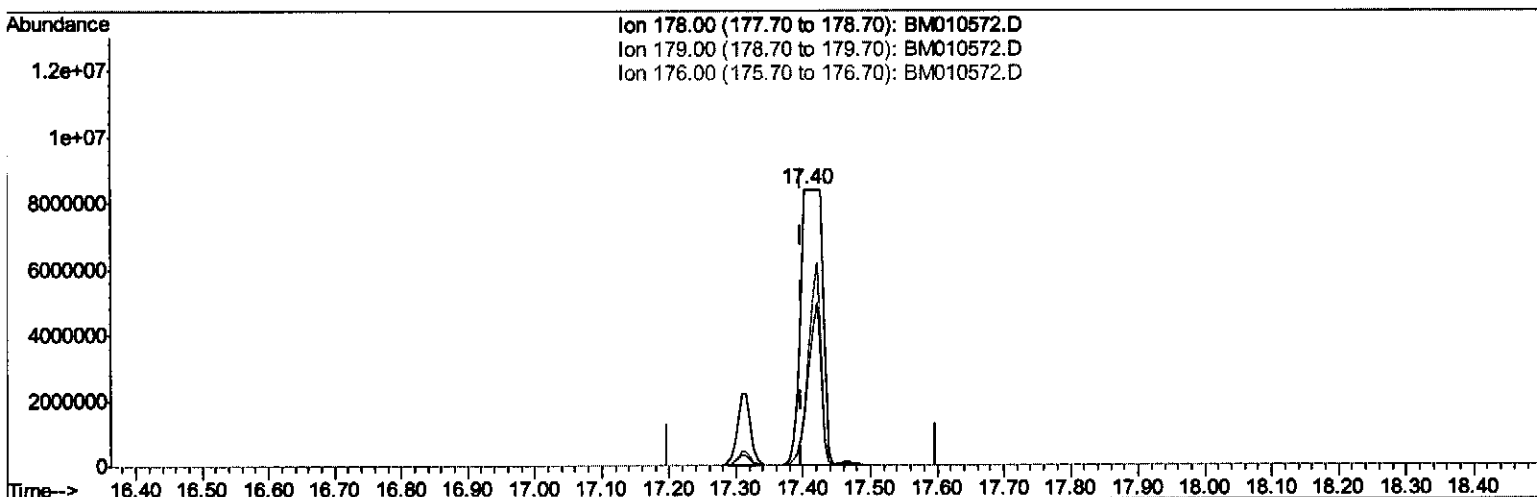
Quant Time: Jun 14 01:50:29 2017

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM052717.M

Quant Title : SVOA CALIBRATION

QLast Update : Wed Jun 14 01:46:30 2017

Response via : Initial Calibration



(71) Anthracene

17.404min (+0.006) 566.24ng/ul m

response 19166931

Ion	Exp%	Act%
178.00	100	100
179.00	14.60	18.85#
176.00	18.20	22.40#
0.00	0.00	0.00

SJ
6/6/17

Data Path : Z:\HPCHEM1\BNA_M\Data\BM061317\
Data File : BM010572.D
Acq On : 13 Jun 2017 22:21
Operator : SJ/MA
Sample : I3522-11 10X
Misc :
ALS Vial : 15 Sample Multiplier: 1

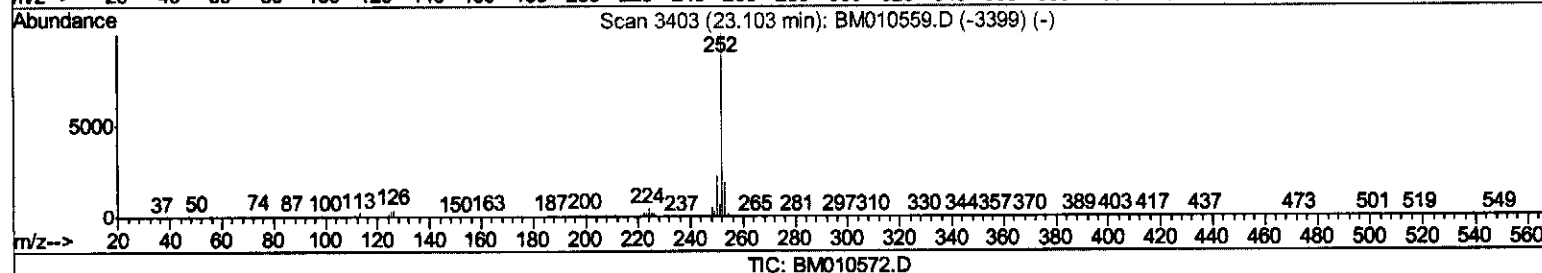
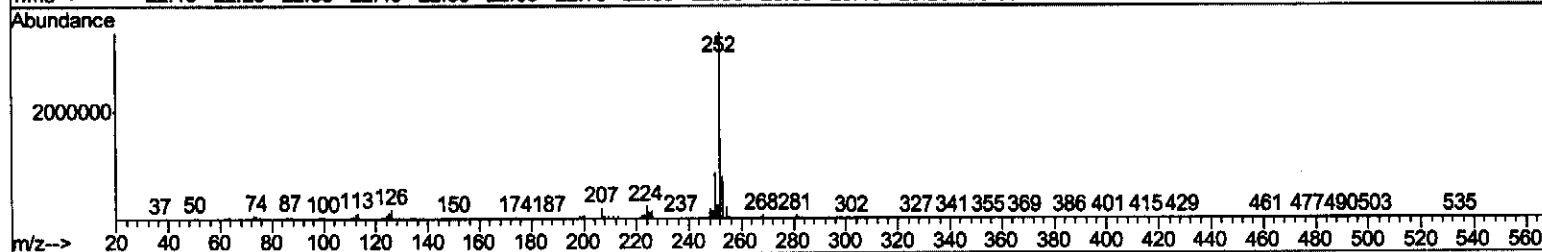
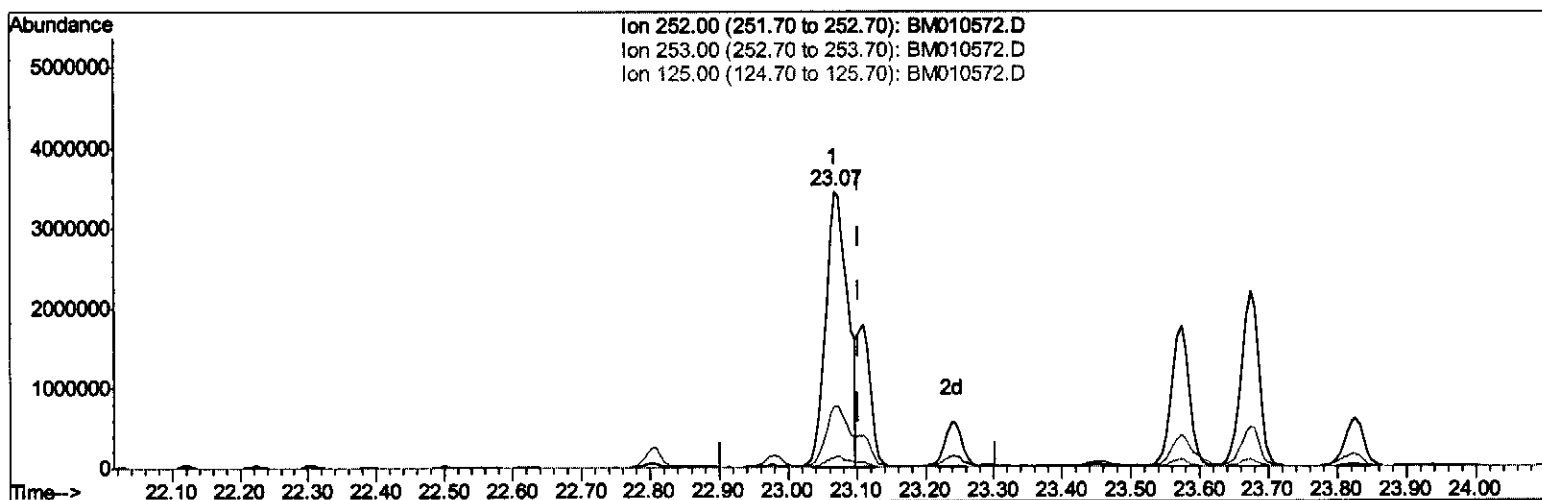
Instrument :
BNA_M
ClientSampleId :
F5C31

Manual Integrations
APPROVED

mohammad

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(86) Benzo(k)fluoranthene

23.068min (-0.035) 142.59ng/ul

response 7899656

Ion	Exp%	Act%
252.00	100	100
253.00	21.40	22.30
125.00	4.30	3.74
0.00	0.00	0.00

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Operator : SJ/MA
Sample : I3522-11 10X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F5C31

Manual Integrations
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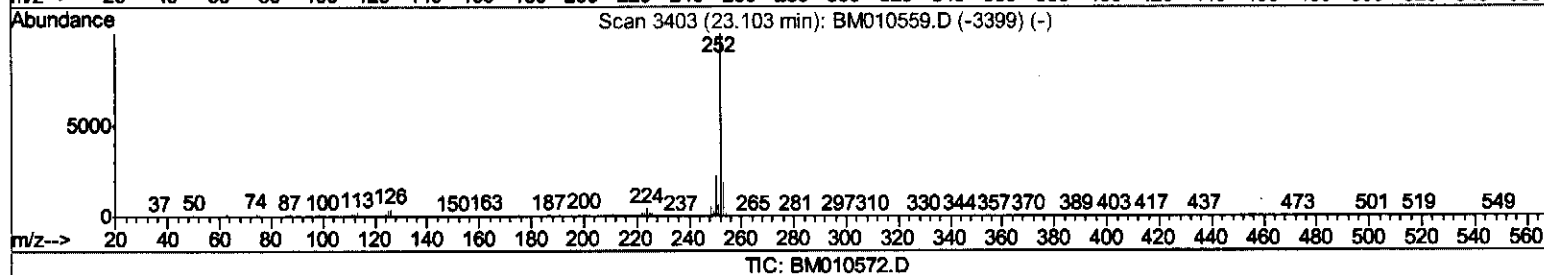
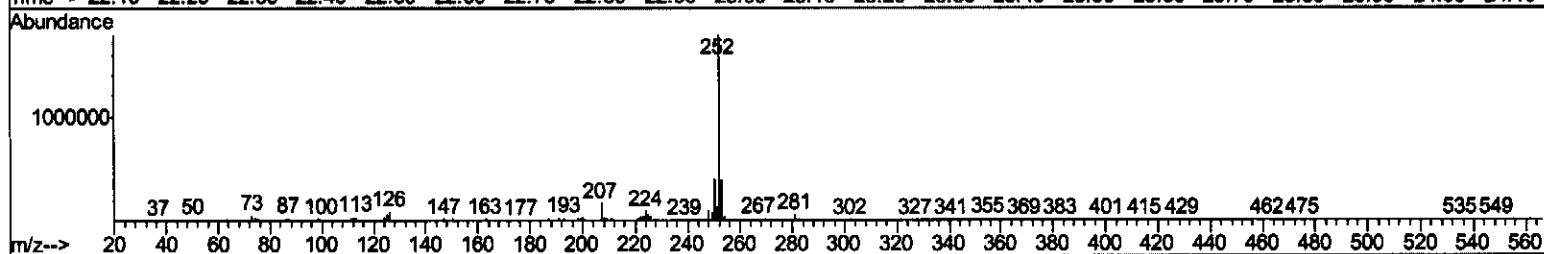
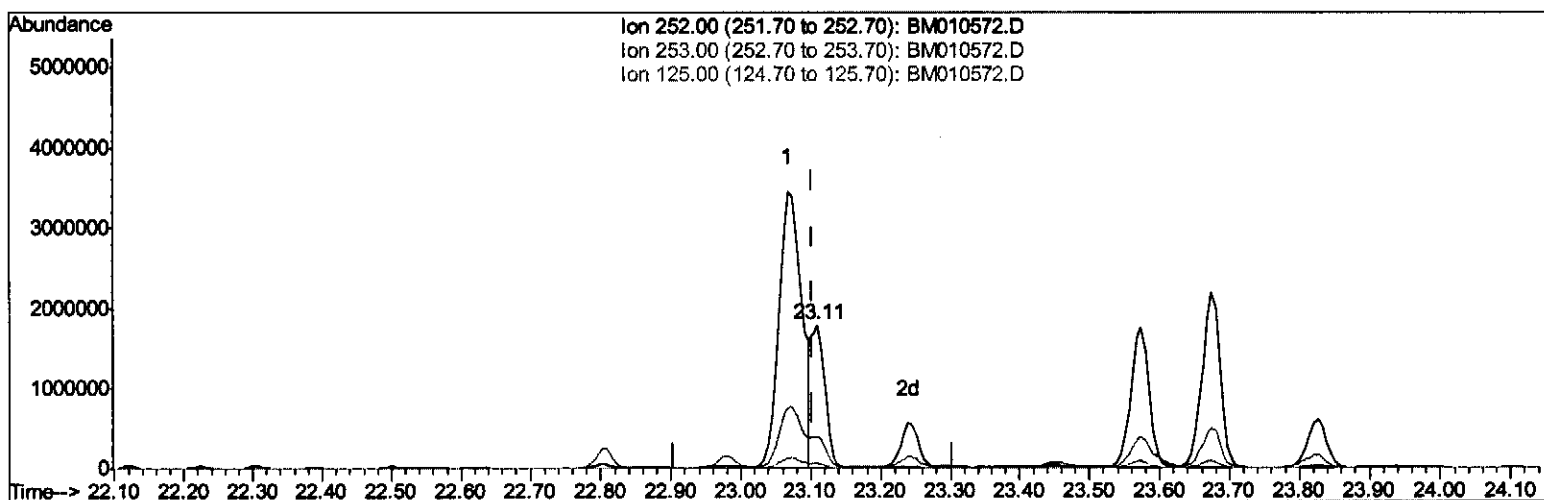
Quant Time: Jun 14 01:50:29 2017

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM052717.M

Quant Title : SVOA CALIBRATION

QLast Update : Wed Jun 14 01:46:30 2017

Response via : Initial Calibration



(86) Benzo(k)fluoranthene

23.109min (+0.006) 41.79ng/ul m

response 2315360

Ion	Exp%	Act%
252.00	100	100
253.00	21.40	22.29
125.00	4.30	3.34#
0.00	0.00	0.00

SJ
6/24/17

Data Path : Z:\HPCHEM1\BNA_M\Data\BM061317\
Data File : BM010572.D
Acq On : 13 Jun 2017 22:21
Operator : SJ/MA
Sample : I3522-11 10X
Misc :
ALS Vial : 15 Sample Multiplier: 1

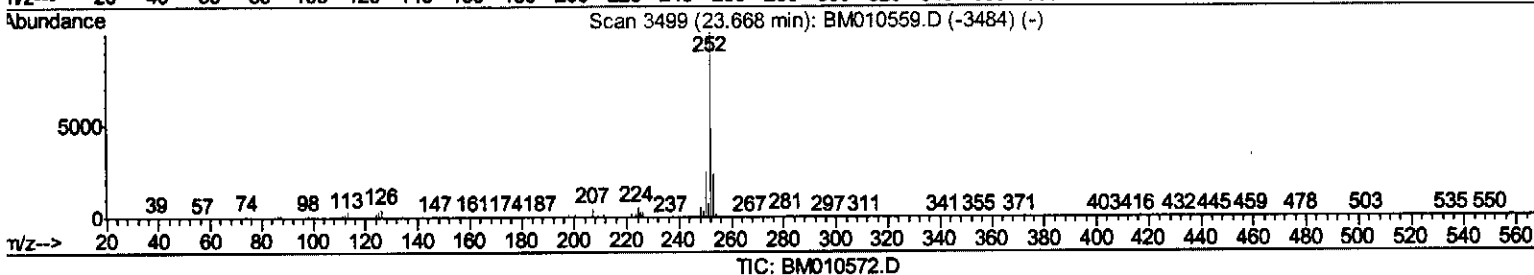
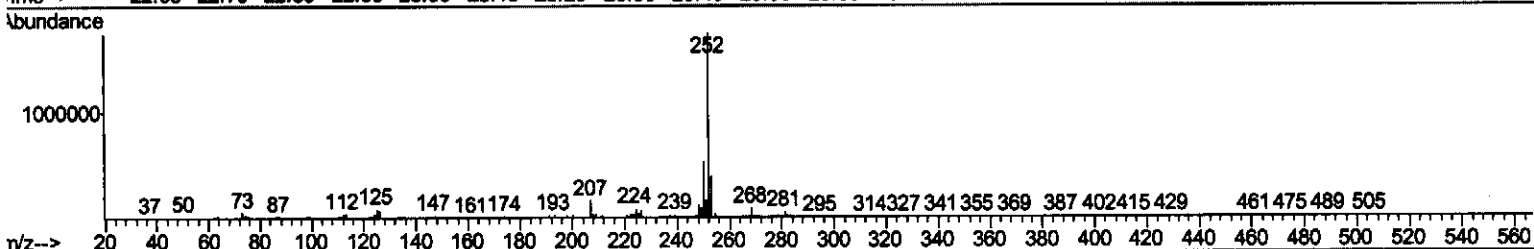
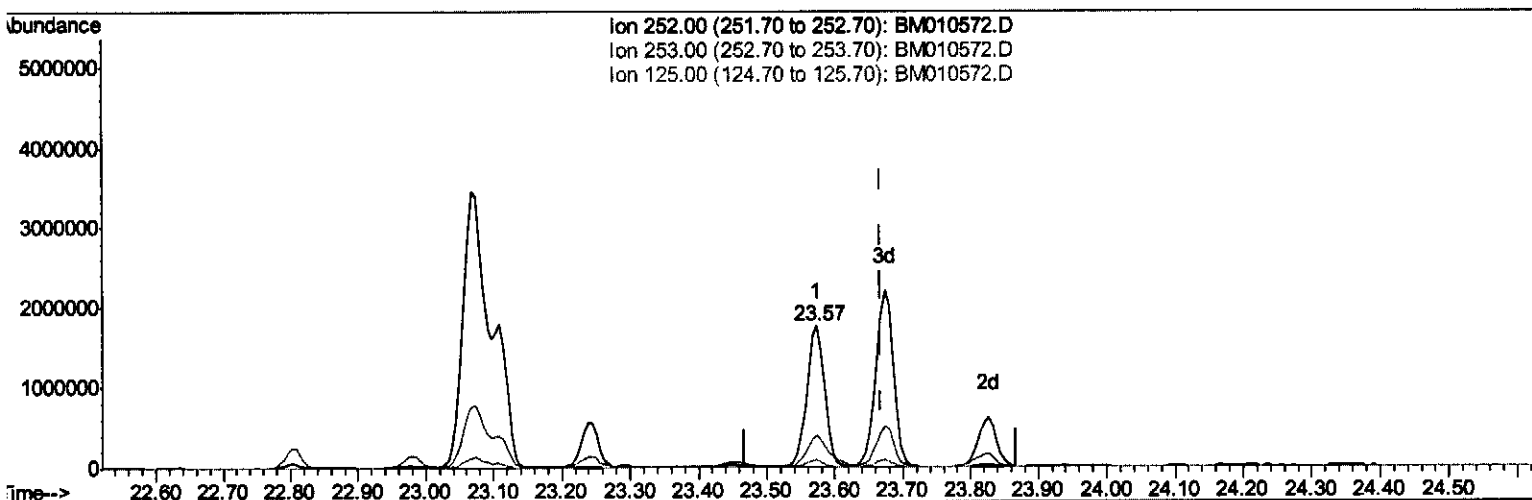
Instrument :
BNA_M
ClientSampleId :
F5C31

Manual Integrations
APPROVED

mohammad

6/14/2017 2:57:43 PM

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Response via : Initial Calibration



(88) Benzo(a)pyrene (C)

23.574min (-0.094) 55.09ng/ul

response 3166726

Ion	Exp%	Act%
252.00	100	100
253.00	22.70	22.54
125.00	5.00	4.97
0.00	0.00	0.00

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Acq On : 13 Jun 2017 22:21
Operator : SJ/MA
Sample : I3522-11 10X
Misc :
ALS Vial : 15 Sample Multiplier: 1

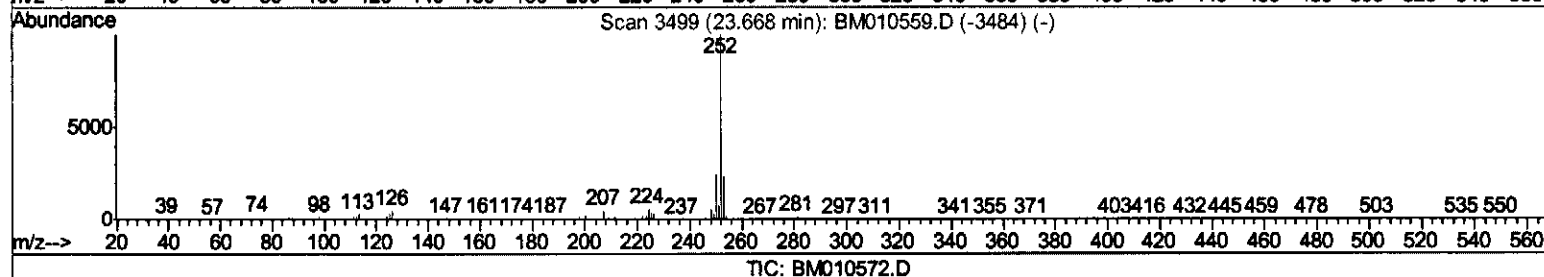
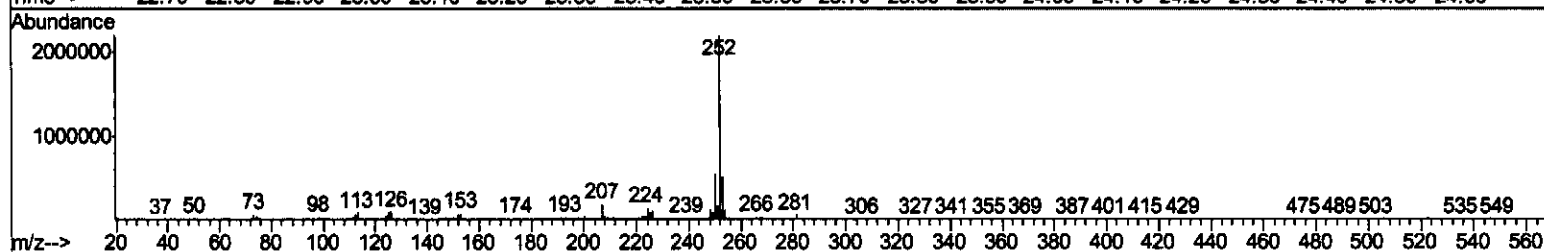
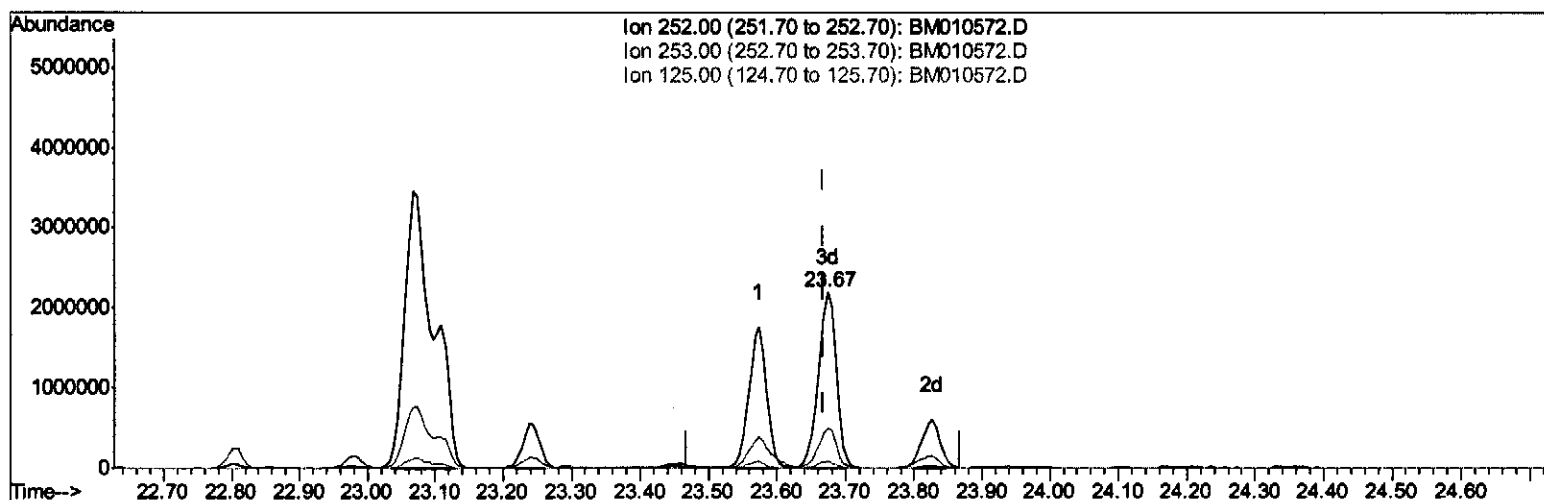
Instrument :
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ClientSampleId :
F5C31

Manual Integrations
APPROVED

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6/14/2017 2:57:43 PM

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(88) Benzo(a)pyrene (C)

23.674min (+0.006) 69.37ng/ul *JS 6/12/17*

response 3987778

Ion	Exp%	Act%
252.00	100	100
253.00	22.70	23.01
125.00	5.00	3.99#
0.00	0.00	0.00

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 ALS Vial : 15 Sample Multiplier: 1

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	98926	20.00	ng/ul	0.00
18) Naphthalene-d8	10.68	136	340483	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.52	164	227396	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.27	188	607359	20.00	ng/ul	0.00
75) Chrysene-d12	21.44	240	1014843	20.00	ng/ul	0.00
83) Perylene-d12	23.77	264	996650	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	0.00	96	0d	0.00	ng/uL	
5) Phenol-d5	7.07	99	13194	1.76	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.22	67	6190	1.47	ng/ul	0.00
9) 2-Chlorophenol-d4	7.42	132	10878	1.82	ng/ul	0.00
13) 4-Methylphenol-d8	8.60	113	10204	1.69	ng/ul	0.00
19) Nitrobenzene-d5	9.06	128	7190m	2.88	ng/ul	0.00
22) 2-Nitrophenol-d4	9.78	143	7115	2.46	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.31	165	13358	2.25	ng/ul	0.00
29) 4-Chloroaniline-d4	10.85	131	9952	1.74	ng/ul	0.00
43) Dimethylphthalate-d6	13.93	166	47288	2.50	ng/ul	0.00
46) Acenaphthylene-d8	14.21	160	51007	2.31	ng/ul	0.00
51) 4-Nitrophenol-d4	14.76	143	5037m	1.78	ng/ul	0.00
57) Fluorene-d10	15.50	176	45237	2.72	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.64	200	9254	2.15	ng/ul	0.00
70) Anthracene-d10	17.37	188	80624	2.73	ng/ul	0.00
76) Pyrene-d10	19.66	212	101724	2.42	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.62	264	107295	2.31	ng/ul	0.00

Target Compounds

					Qvalue	
28) Naphthalene	10.73	128	306253	17.933	ng/ul	98
34) 2-Methylnaphthalene	12.33	142	150636	11.634	ng/ul	97
40) 1,1'-Biphenyl	13.35	154	41292	2.238	ng/ul	89
44) Dimethylphthalate	13.98	163	47457	2.554	ng/ul#	93
47) Acenaphthylene	14.24	152	299556	13.908	ng/ul	97
49) Acenaphthene	14.58	153	65441	4.332	ng/ul	96
53) Dibenzofuran	14.92	168	318046	14.239	ng/ul	95
58) Fluorene	15.56	166	779025	42.518	ng/ul	100
69) Phenanthrene	17.32	178	3089403	95.281	ng/ul	98
71) Anthracene	17.40	178	19166931m	566.241	ng/ul	98
72) Carbazole	17.70	167	8192488	285.944	ng/ul	98
74) Fluoranthene	19.33	202	11501944	288.469	ng/ul	99
77) Pyrene	19.69	202	10308817	197.126	ng/ul#	96
80) Benzo(a)anthracene	21.42	228	4870126	85.100	ng/ul	97
82) Chrysene	21.48	228	5304981	102.546	ng/ul	96
85) Benzo(b)fluoranthene	23.07	252	7899656	136.217	ng/ul	99
86) Benzo(k)fluoranthene	23.11	252	2315360m	41.792	ng/ul	96
88) Benzo(a)pyrene	23.67	252	3987778m	69.372	ng/ul	96
89) Indeno(1,2,3-cd)pyrene	26.15	276	2518063	34.672	ng/ul#	96
90) Dibenzo(a,h)anthracene	26.15	278	687272	10.988	ng/ul#	89
91) Benzo(g,h,i)perylene	26.89	276	1761628	29.443	ng/ul#	94

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Internal Standards	R.T.	QI	on	Response	Conc	Units	Dev(Min)

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