

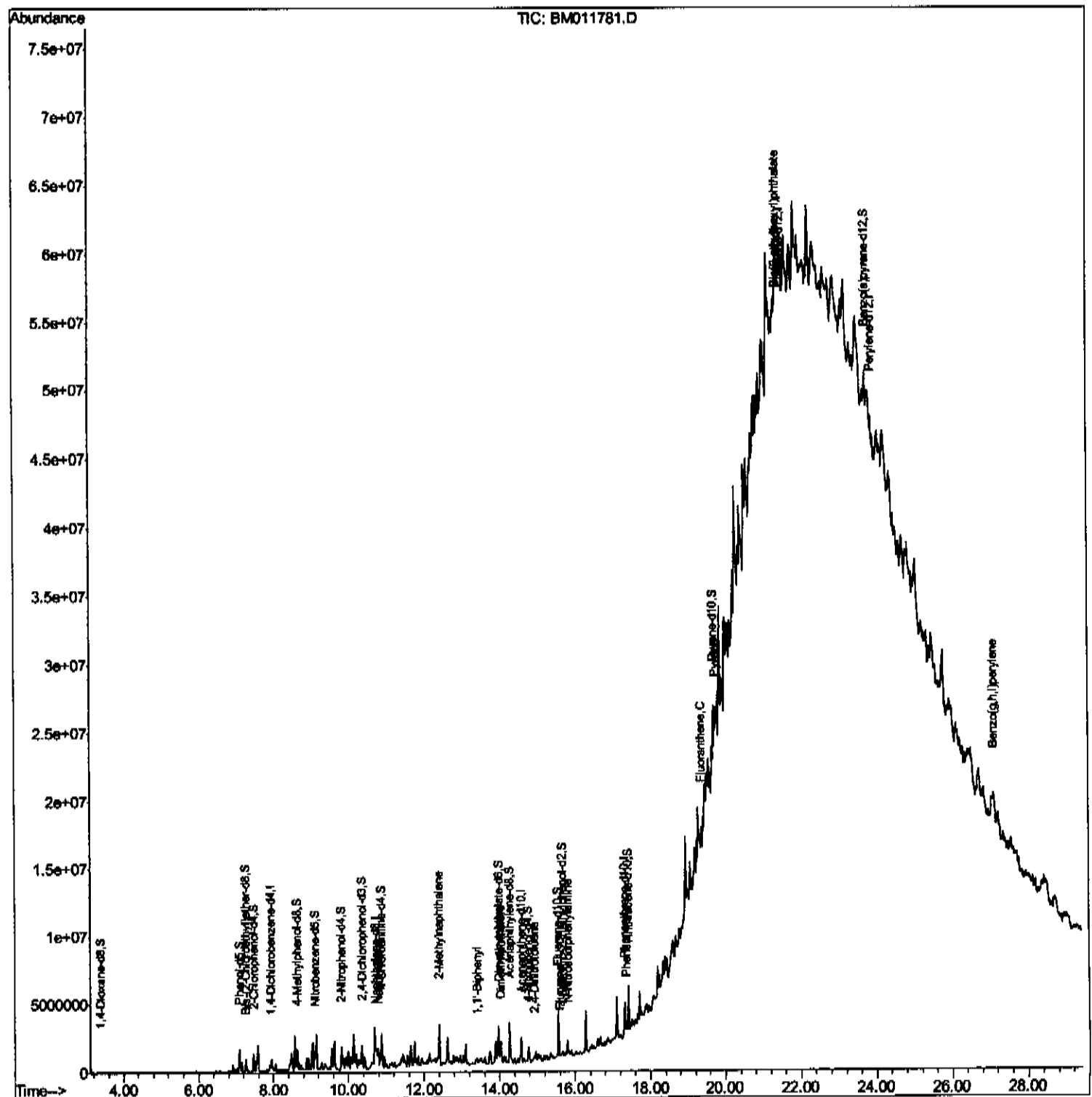
Data Path : Z:\HPCHEM1\BNA M\DATA\BM092917\
Data File : BM011781.D
Acq On : 29 Sep 2017 23:38
Operator : SJ/JU
Sample : I5354-08
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampled :
B0BA1

Manual Integrations
APPROVED

Sohil
10/2/2017 5:41:20 PM

Quant Time: Sep 30 02:05:53 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM092717.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Sep 30 00:51:32 2017
Response via : Initial Calibration



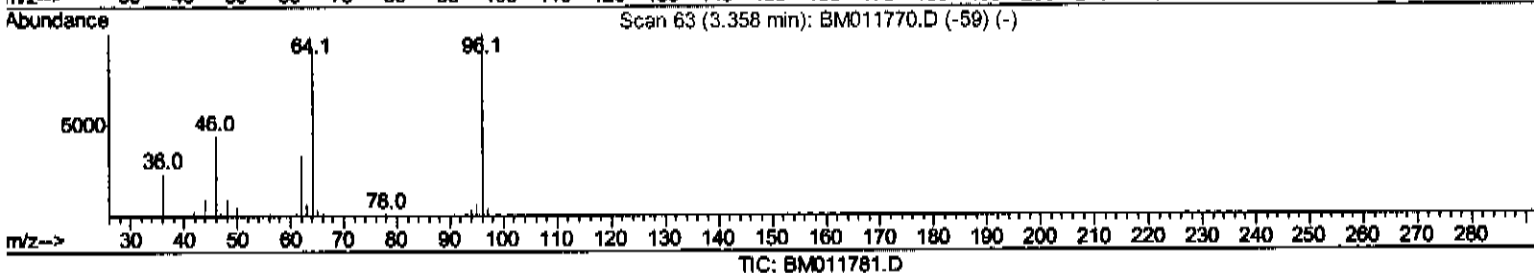
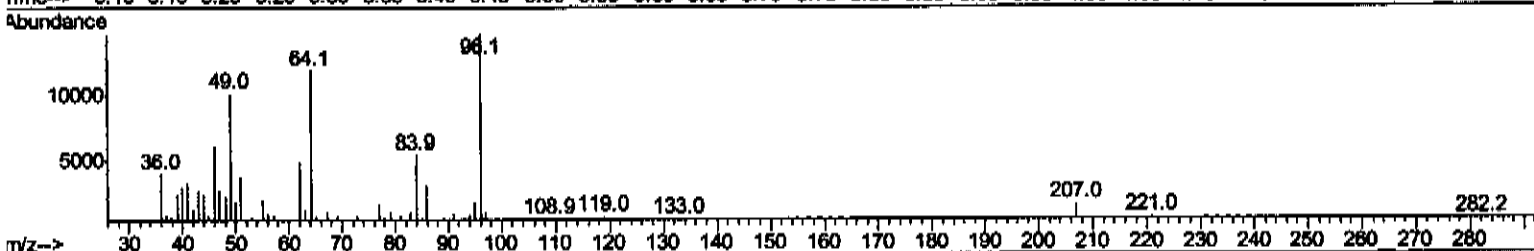
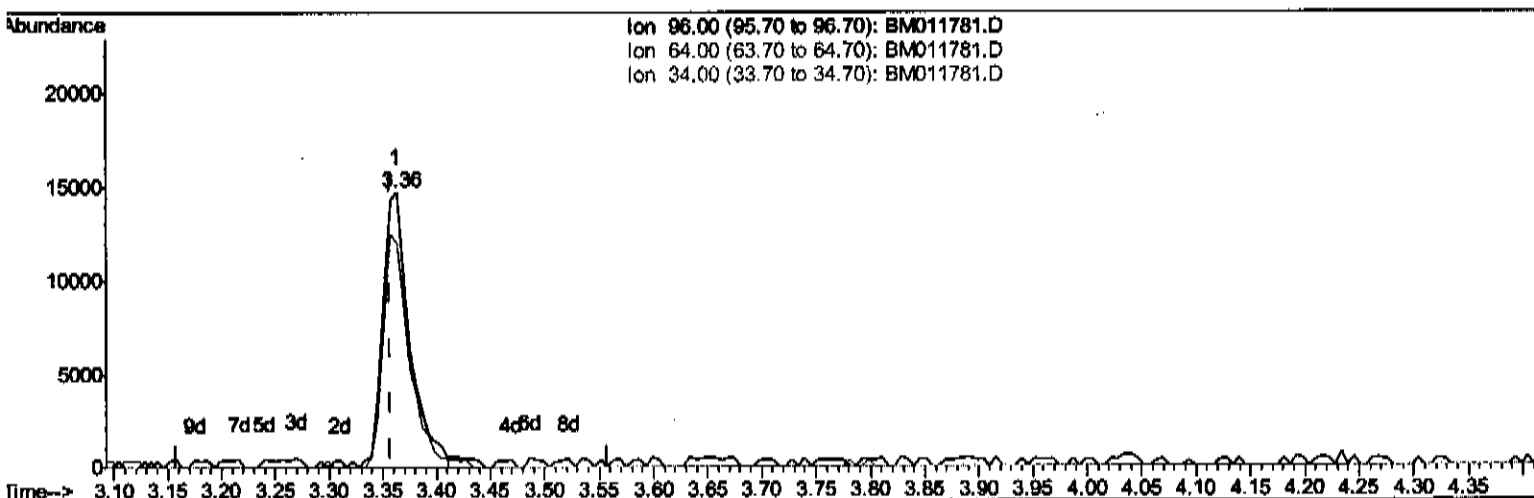
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Manual Integrations
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Sohil
10/2/2017 5:41:20 PM

Quant Time: Sep 30 01:48:49 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM092717.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Sep 30 00:51:32 2017
Response via : Initial Calibration



(3) 1,4-Dioxane-d8 (S)

3.363min (+0.006) 4.88ng/uL

response 25786

Ion	Exp%	Act%
96.00	100	100
64.00	74.90	83.28
34.00	0.00	0.00
0.00	0.00	0.00

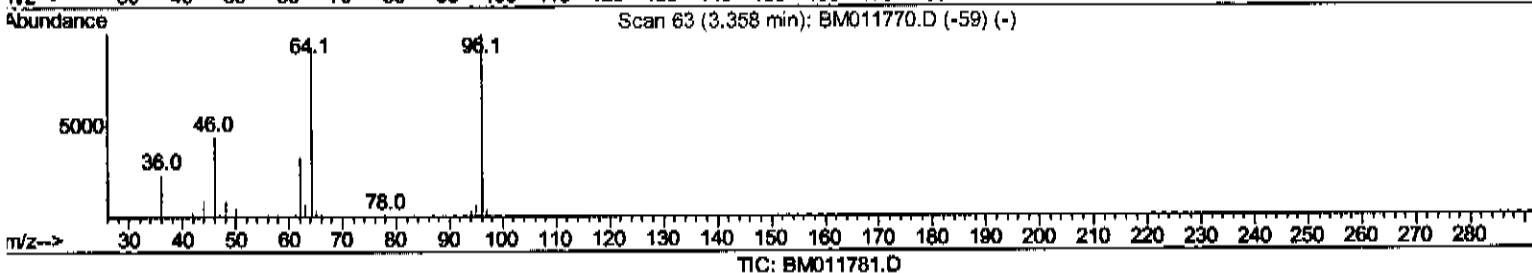
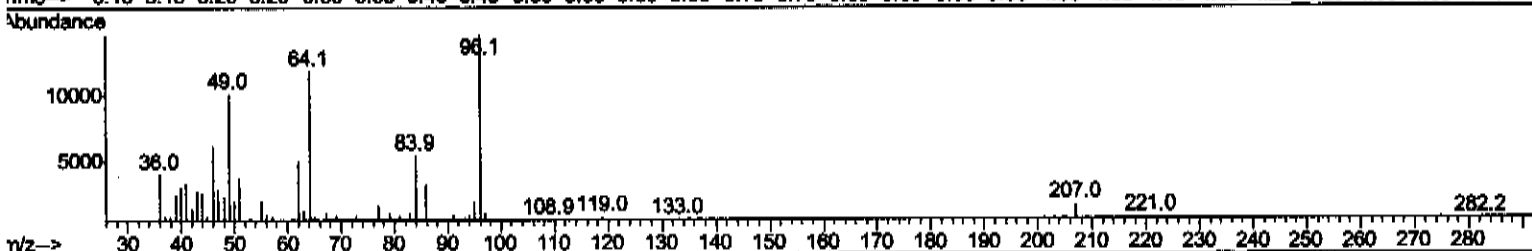
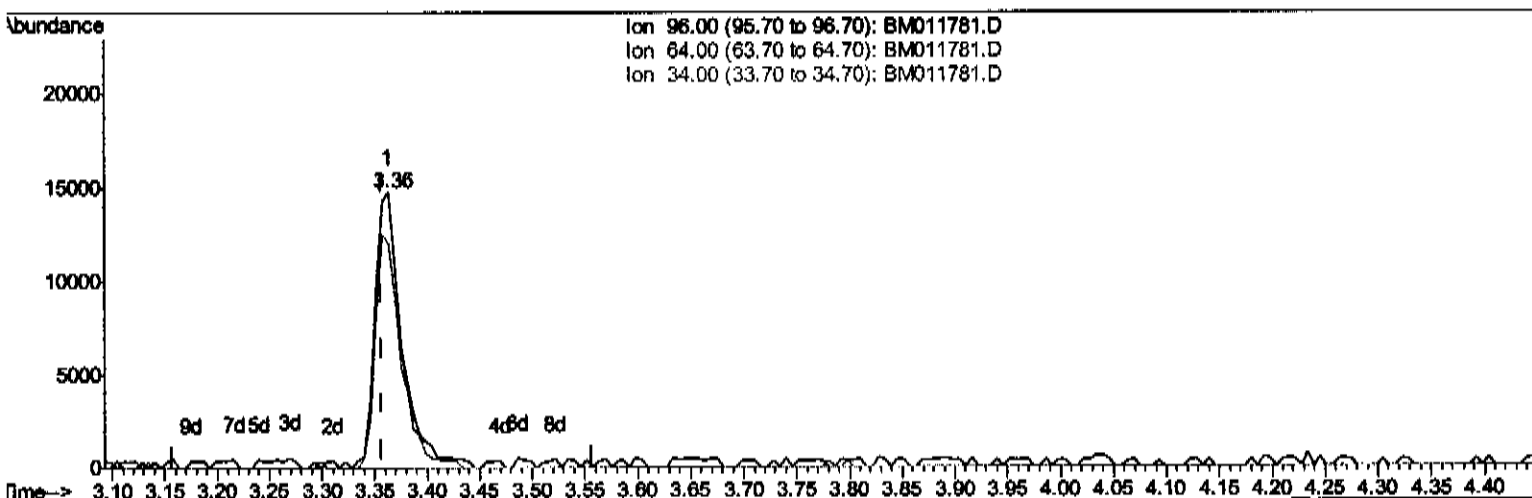
Data Path : Z:\HPCHEM1\BNA M\DATA\BM092917\
Data File : BM011781.D
Acq On : 29 Sep 2017 23:38
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Sample : I5354-08
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
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ClientSampled :
B0BA1

Manual Integrations
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Sohil
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Response via : Initial Calibration



(3) 1,4-Dioxane-d8 (S)

3.363min (+0.006) 5.04ng/uL m

response 26643

Ion	Exp%	Act%
96.00	100	100
64.00	74.90	80.80
34.00	0.00	0.00
0.00	0.00	0.00

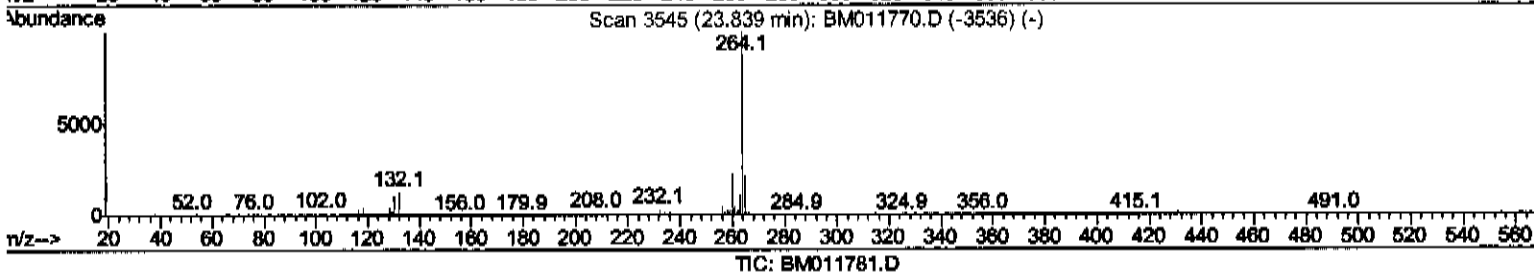
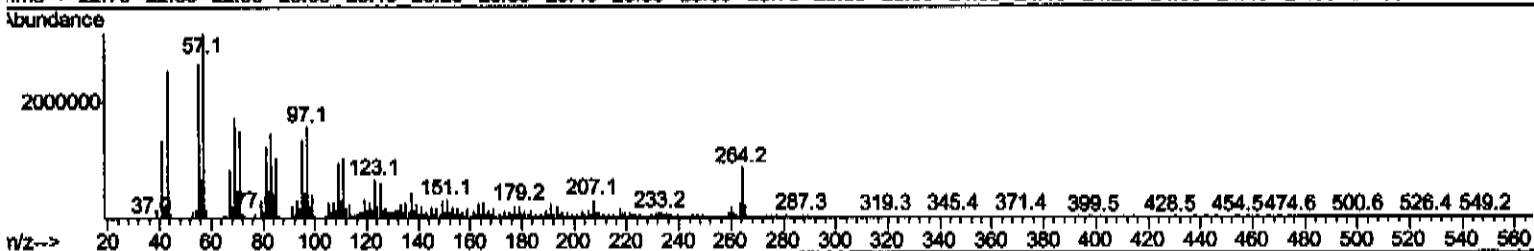
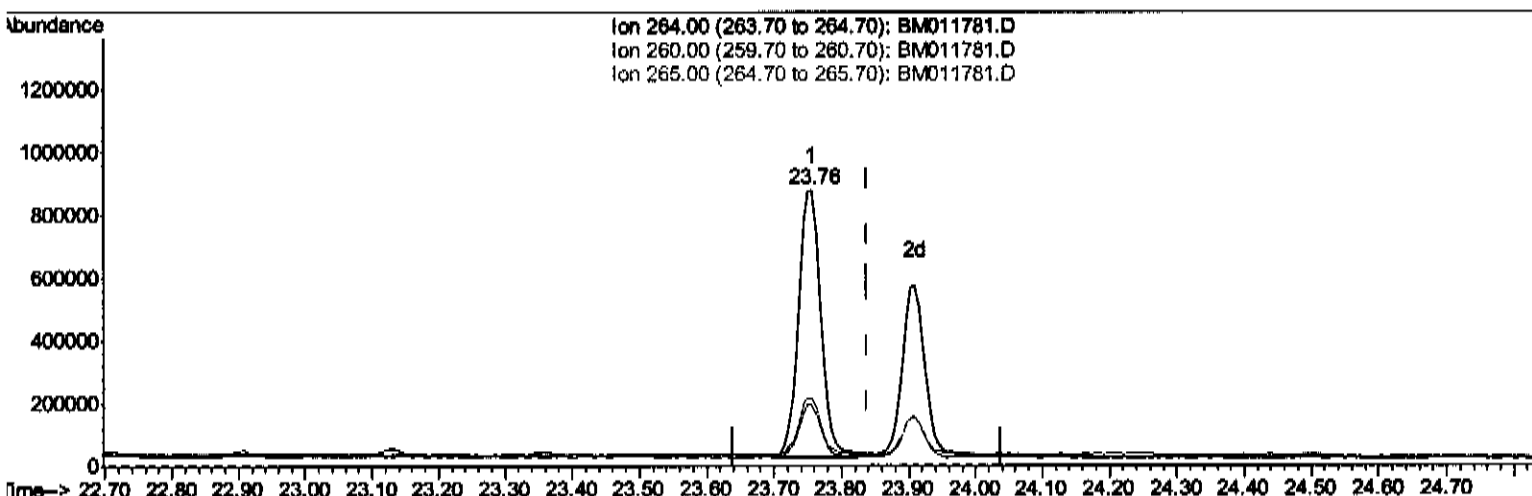
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Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B0BA1

Manual Integrations
APPROVED

Sohil
10/2/2017 5:41:20 PM

Quant Time: Sep 30 01:56:22 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM092717.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Sep 30 00:51:32 2017
Response via : Initial Calibration



(83) Perylene-d12 (I)

23.756min (-0.083) 20.00ng/ul

response 1947590

Ion	Exp%	Act%
264.00	100	100
260.00	24.20	22.36
265.00	22.50	24.62
0.00	0.00	0.00

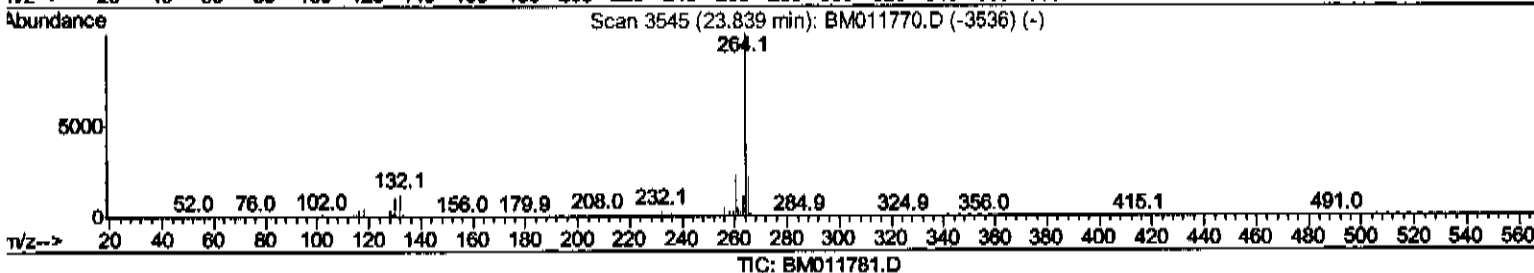
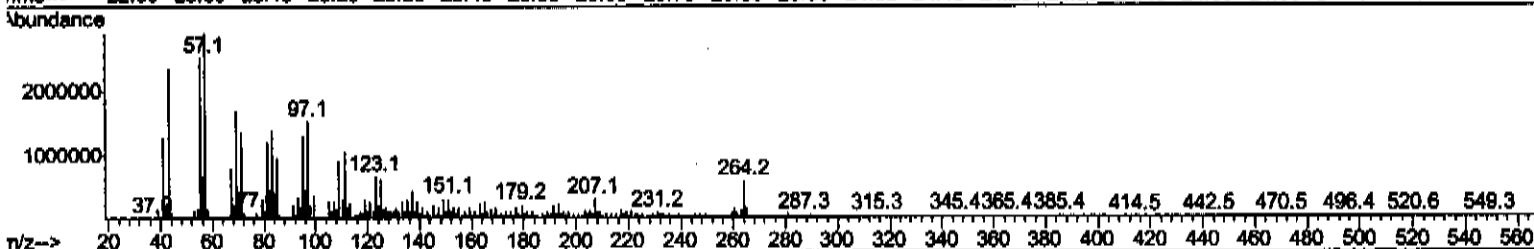
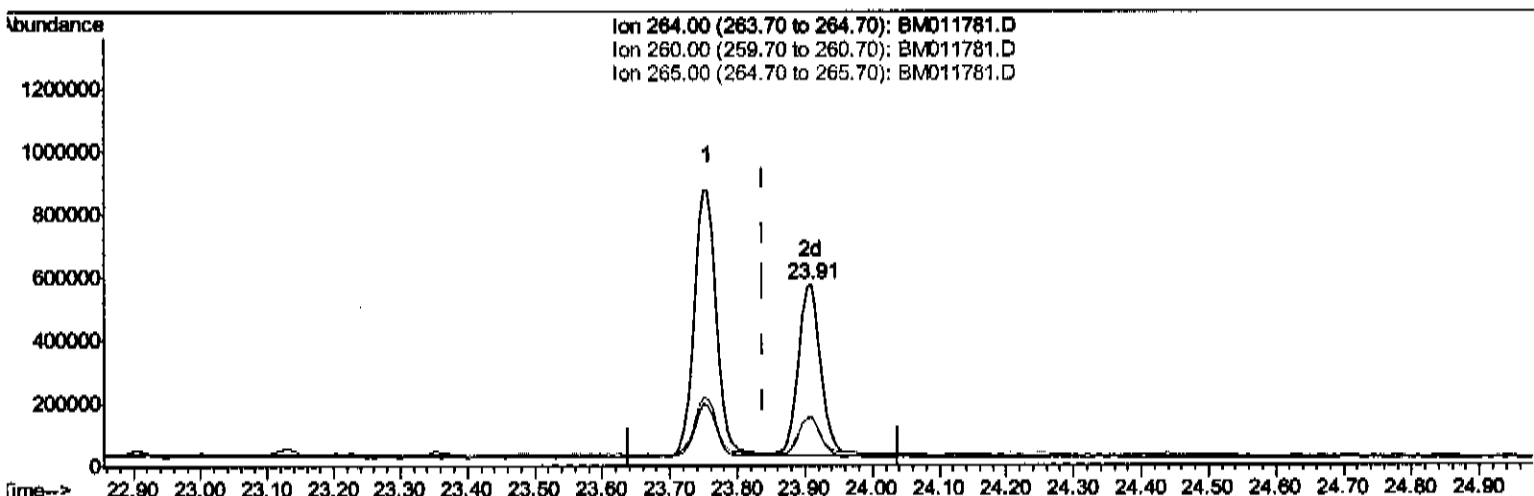
Data Path : Z:\HPCHEM1\BNA M\DATA\BM092917\
Data File : BM011781.D
Acq On : 29 Sep 2017 23:38
Operator : SJ/JU
Sample : I5354-08
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampled :
B0BA1

Manual Integrations
APPROVED

Sohil
10/2/2017 5:41:20 PM

Quant Time: Sep 30 01:56:22 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM092717.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Sep 30 00:51:32 2017
Response via : Initial Calibration



(83) Perylene-d12 (I)

23.909min (+0.070) 20.00ng/ul m *gl 10/6/17*

response 1270398

Ion	Exp%	Act%
264.00	100	100
260.00	24.20	27.60
265.00	22.50	27.15#
0.00	0.00	0.00

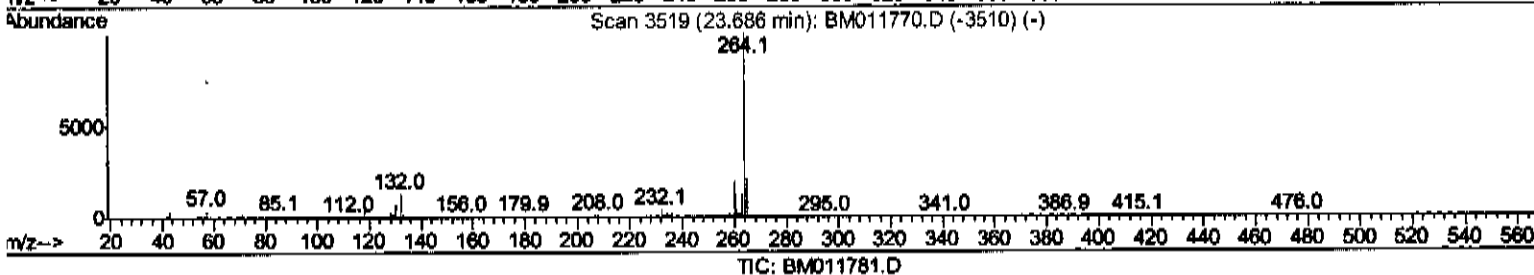
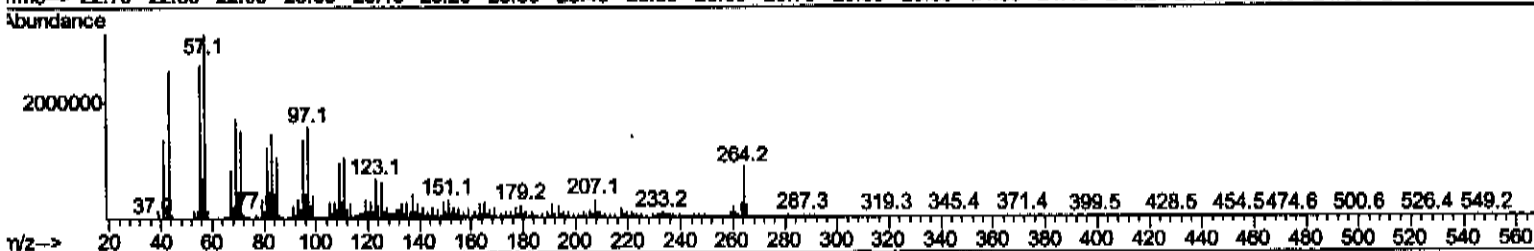
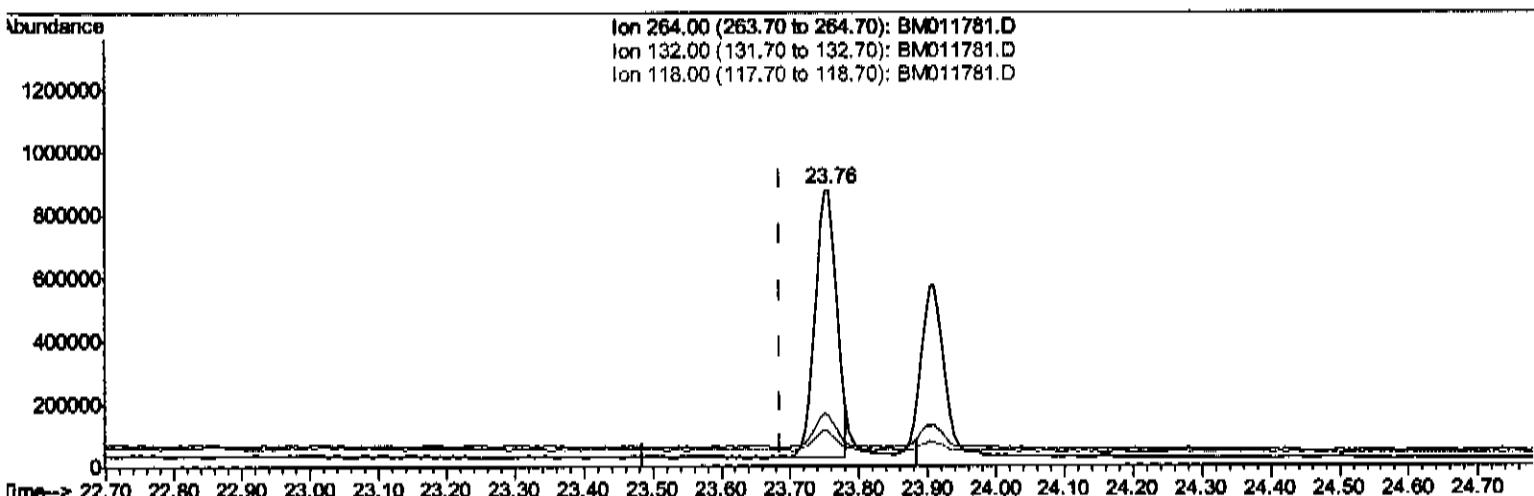
Data Path : Z:\HPCHEM1\BNA M\DATA\BM092917\
Data File : BM011781.D
Acq On : 29 Sep 2017 23:38
Operator : SJ/JU
Sample : I5354-08
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B0BA1

Manual Integrations
APPROVED

Sohil
10/2/2017 5:41:20 PM

Quant Time: Sep 30 02:00:55 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM092717.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Sep 30 00:51:32 2017
Response via : Initial Calibration



(87) Benzo(a)pyrene-d12 (S)

23.756min (+0.070) 30.65ng/ui

response 1864287

Ion	Exp%	Act%
264.00	100	100
132.00	7.70	18.87#
118.00	5.30	12.81#
0.00	0.00	0.00

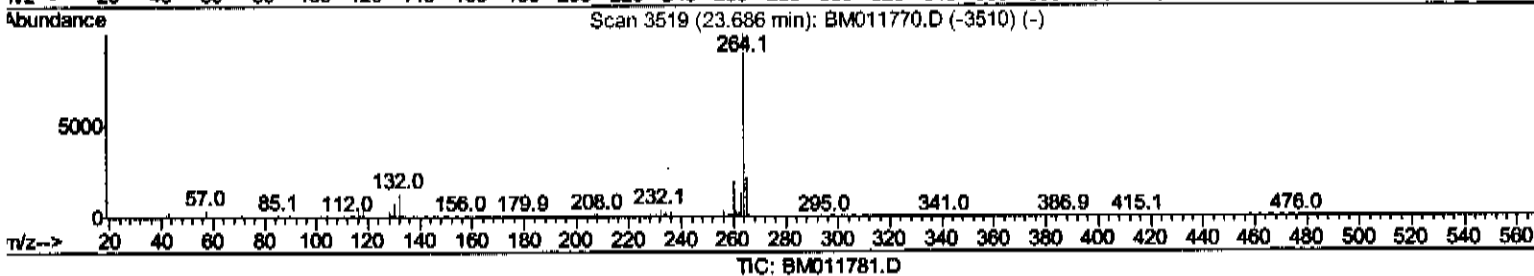
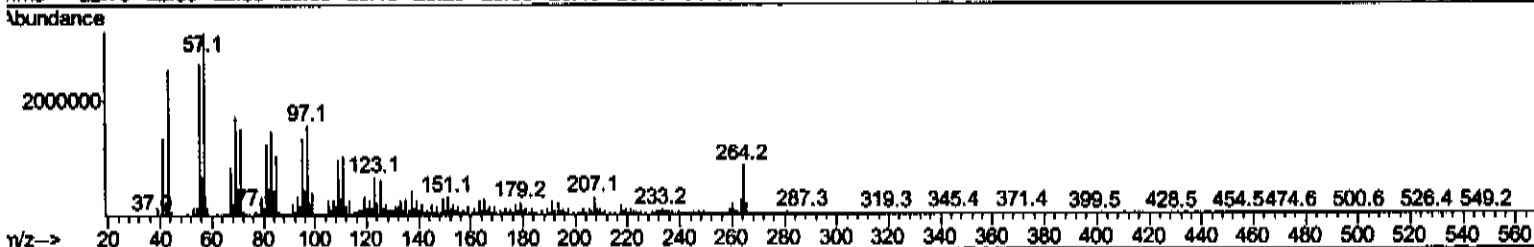
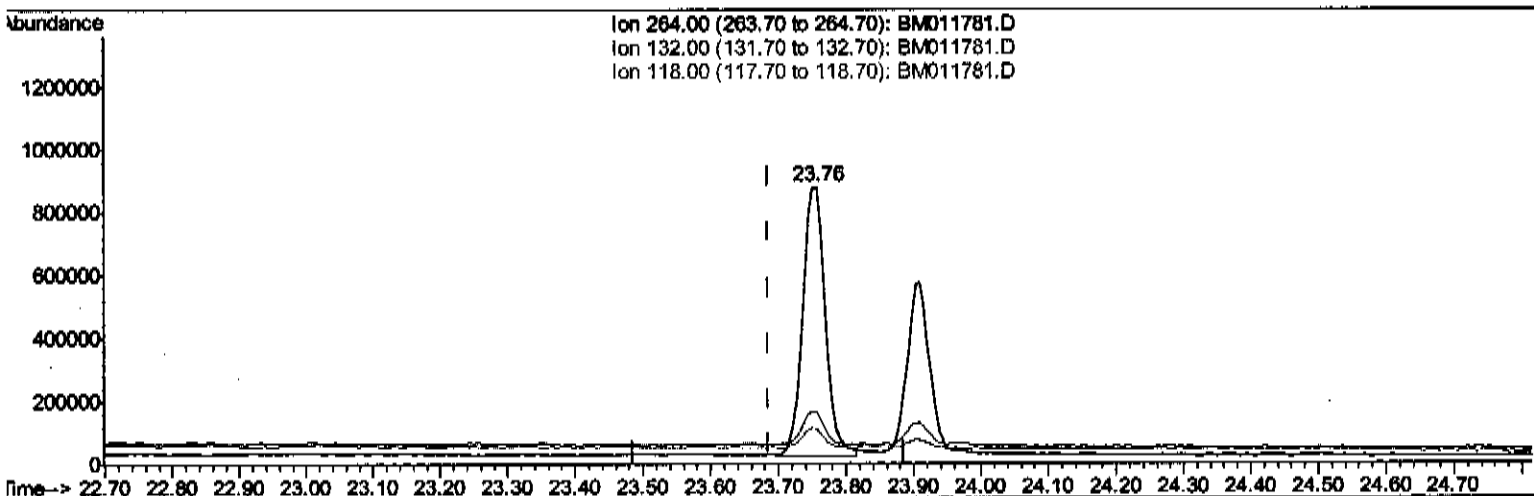
Data Path : Z:\HPCHEM1\BNA M\DATA\BM092917\
Data File : BM011781.D
Acq On : 29 Sep 2017 23:38
Operator : SJ/JU
Sample : I5354-08
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampled :
B0BA1

Manual Integrations
APPROVED

Sohil
10/2/2017 5:41:20 PM

Quant Time: Sep 30 02:00:55 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM092717.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Sep 30 00:51:32 2017
Response via : Initial Calibration



(87) Benzo(a)pyrene-d12 (S)

23.756min (+0.070) 32.47ng/ul m *JU 10/6/17*

response 1974885

Ion	Exp%	Act%
264.00	100	100
132.00	7.70	18.87#
118.00	5.30	12.81#
0.00	0.00	0.00

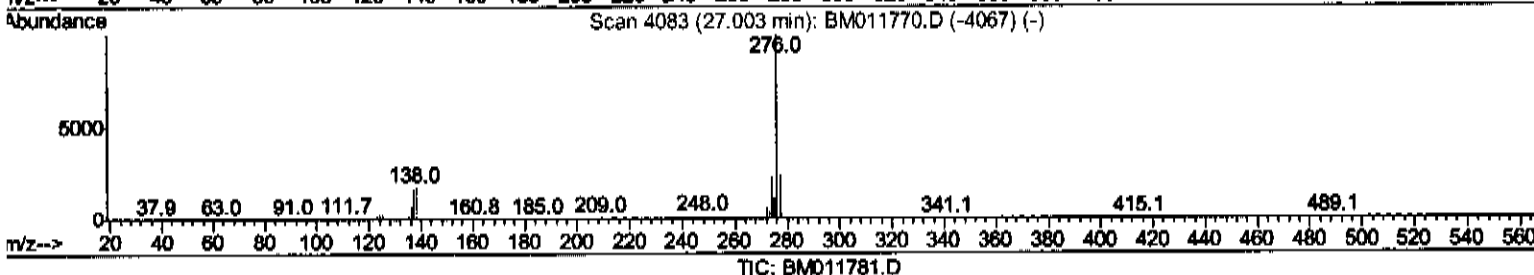
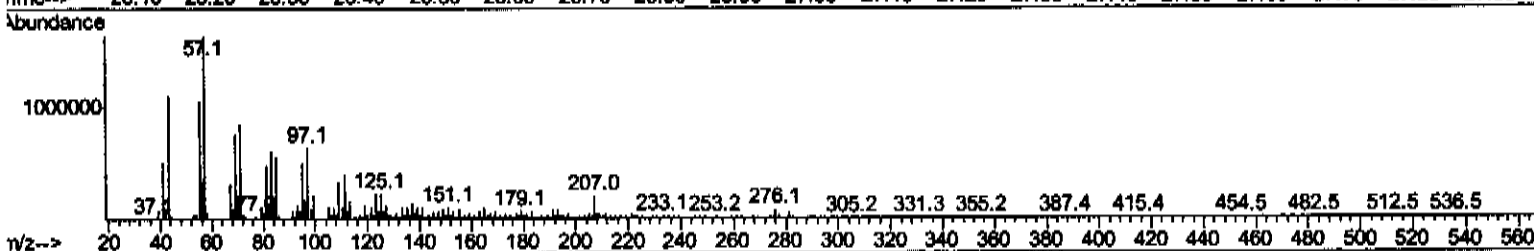
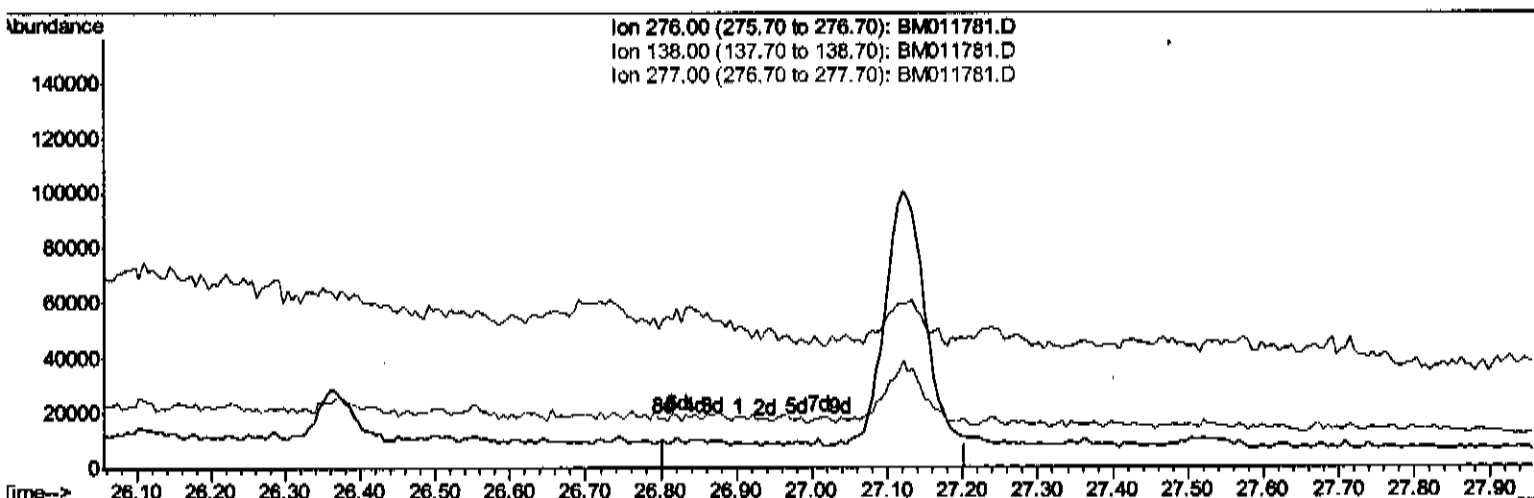
Data Path : Z:\HPCHEM1\BNA M\DATA\BM092917\
Data File : BM011781.D
Acq On : 29 Sep 2017 23:38
Operator : SJ/JU
Sample : I5354-08
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampled :
B0BA1

Manual Integrations
APPROVED

Sohil
10/2/2017 5:41:20 PM

Quant Time: Sep 30 02:01:38 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM092717.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Sep 30 00:51:32 2017
Response via : Initial Calibration



(91) Benzo(g,h,i)perylene

27.003min (-27.003) 0.00ng/ul d

response 0

Ion	Exp%	Act%
276.00	100	0.00
138.00	10.60	0.00
277.00	23.30	0.00
0.00	0.00	0.00

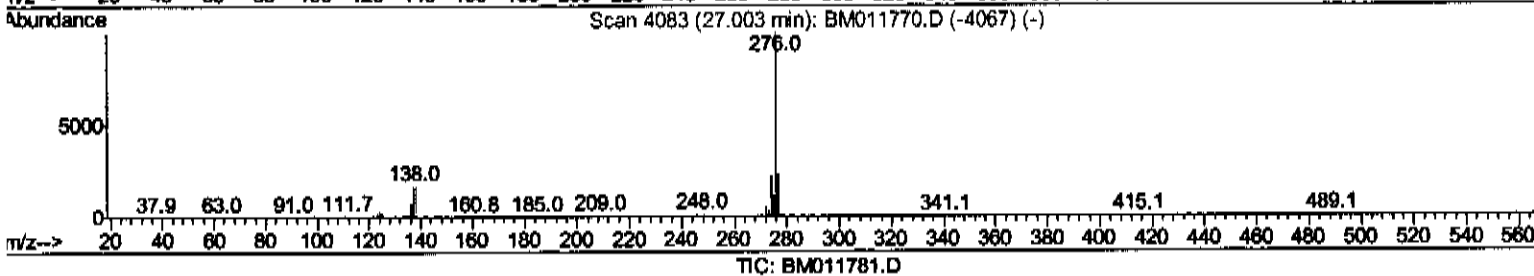
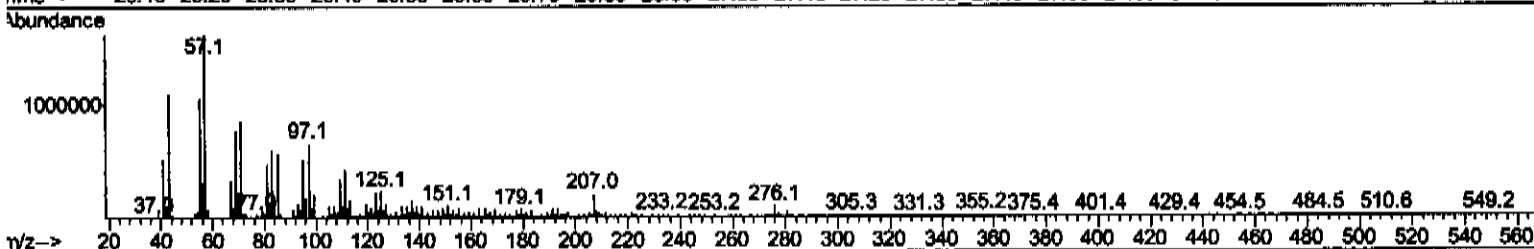
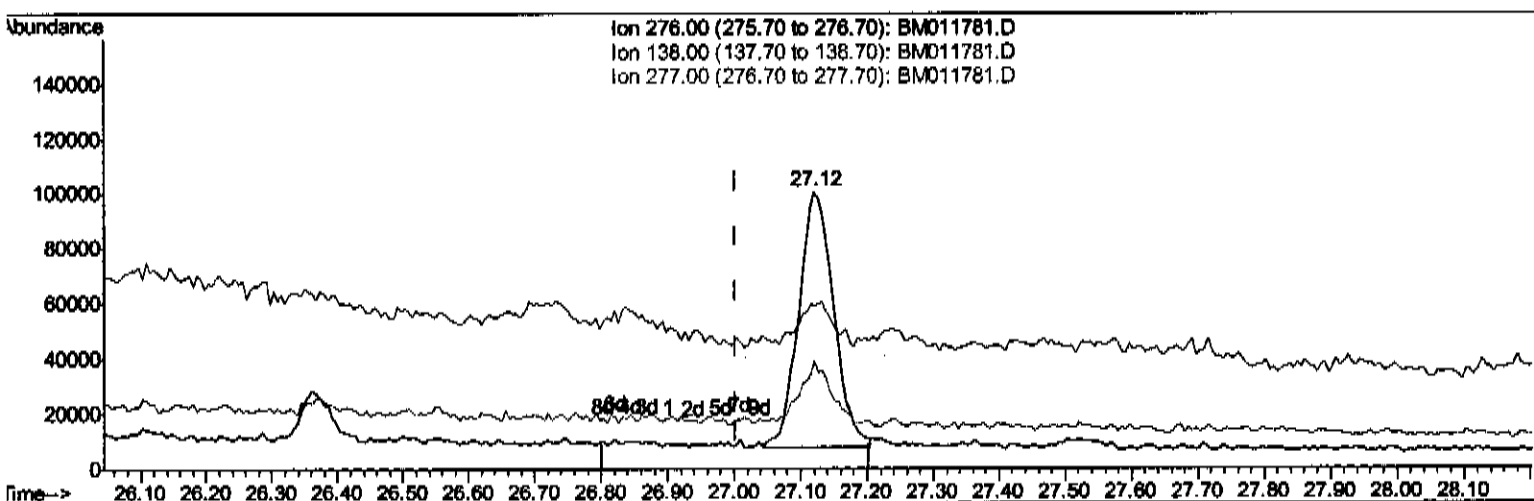
Data Path : Z:\HPCHEM1\BNA M\DATA\BM092917\
Data File : BM011781.D
Acq On : 29 Sep 2017 23:38
Operator : SJ/JU
Sample : I5354-08
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampled :
B0BA1

Manual Integrations
APPROVED

Sohil
10/2/2017 5:41:20 PM

Quant Time: Sep 30 02:01:38 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM092717.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Sep 30 00:51:32 2017
Response via : Initial Calibration



(91) Benzo(g,h,i)perylene

27.121min (+0.117) 5.38ng/ul *ju 10/6/17*

response 336597

Ion	Exp%	Act%
276.00	100	100
138.00	10.60	58.85#
277.00	23.30	38.55#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA M\DATA\BM092917\
 Data File : BM011781.D
 Acq On : 29 Sep 2017 23:38
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Manual Integrations
 APPROVED

Sohil
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 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Sep 30 00:51:32 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	235780	20.00	ng/ul	0.00
18) Naphthalene-d8	10.74	136	1048115	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.57	164	572379	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.32	188	1088203	20.00	ng/ul	0.00
75) Chrysene-d12	21.50	240	1239260	20.00	ng/ul	0.02
83) Perylene-d12	23.91	264	1270398m	20.00	ng/ul	0.07

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.36	96	26643m	5.04	ng/uL	0.00
5) Phenol-d5	7.09	99	609893	26.30	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.26	67	466716	27.75	ng/ul	0.00
9) 2-Chlorophenol-d4	7.47	132	530628	30.76	ng/ul	0.00
13) 4-Methylphenol-d8	8.63	113	484068	26.65	ng/ul	0.00
19) Nitrobenzene-d5	9.10	128	265191	32.44	ng/ul	0.00
22) 2-Nitrophenol-d4	9.82	143	287446	32.97	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.36	165	517056	31.07	ng/ul	0.00
29) 4-Chloroaniline-d4	10.87	131	809233	43.98	ng/ul	0.00
43) Dimethylphthalate-d6	13.97	166	1592355	32.44	ng/ul	0.00
46) Acenaphthylene-d8	14.27	160	1972643	33.23	ng/ul	0.00
51) 4-Nitrophenol-d4	14.76	143	209799	25.00	ng/ul	0.00
57) Fluorene-d10	15.56	176	1315394	31.12	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.68	200	73842	10.02	ng/ul	0.00
70) Anthracene-d10	17.41	188	1829051	33.03	ng/ul	0.00
76) Pyrene-d10	19.70	212	2178089	36.83	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.76	264	1974885m	32.47	ng/ul	0.07

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
28) Naphthalene	10.79	128	450373	8.221	ng/ul#	94
34) 2-Methylnaphthalene	12.40	142	1350758	34.783	ng/ul	98
40) 1,1'-Biphenyl	13.40	154	70753	1.501	ng/ul#	95
44) Dimethylphthalate	14.02	163	448432	9.551	ng/ul	99
54) 2,4-Dinitrotoluene	14.92	165	15591	1.264	ng/ul#	50
58) Fluorene	15.62	166	99555	2.111	ng/ul#	95
64) N-Nitrosodiphenylamine	15.82	169	54667	1.700	ng/ul#	51
69) Phenanthrene	17.36	178	364518	5.985	ng/ul#	93
74) Fluoranthene	19.37	202	303795	4.085	ng/ul#	81
77) Pyrene	19.73	202	851879	11.535	ng/ul#	83
81) Bis(2-ethylhexyl)phthalate	21.39	149	1224660	26.580	ng/ul#	88
91) Benzo(g,h,i)perylene	27.12	276	336597m	5.380	ng/ul	

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