

Data File : BM017336.D
Acq On : 25 Oct 2018 02:33
Operator : MJ/SJ
Sample : J5598-01
Misc :
ALS Vial : 27 Sample Multiplier: 1

Sohil
10/25/2018 3:34:28 PM

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM102418\
Quantitation Report (Qedit)

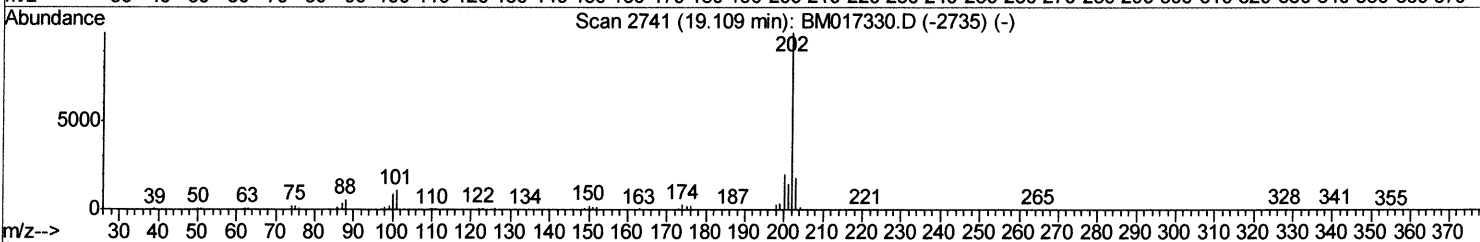
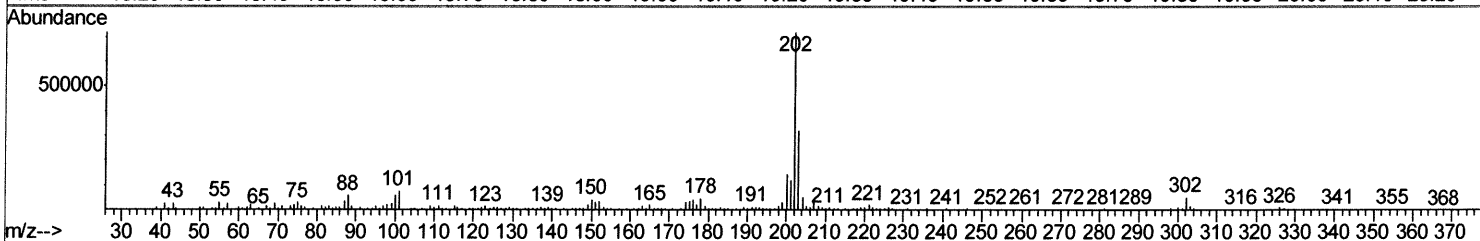
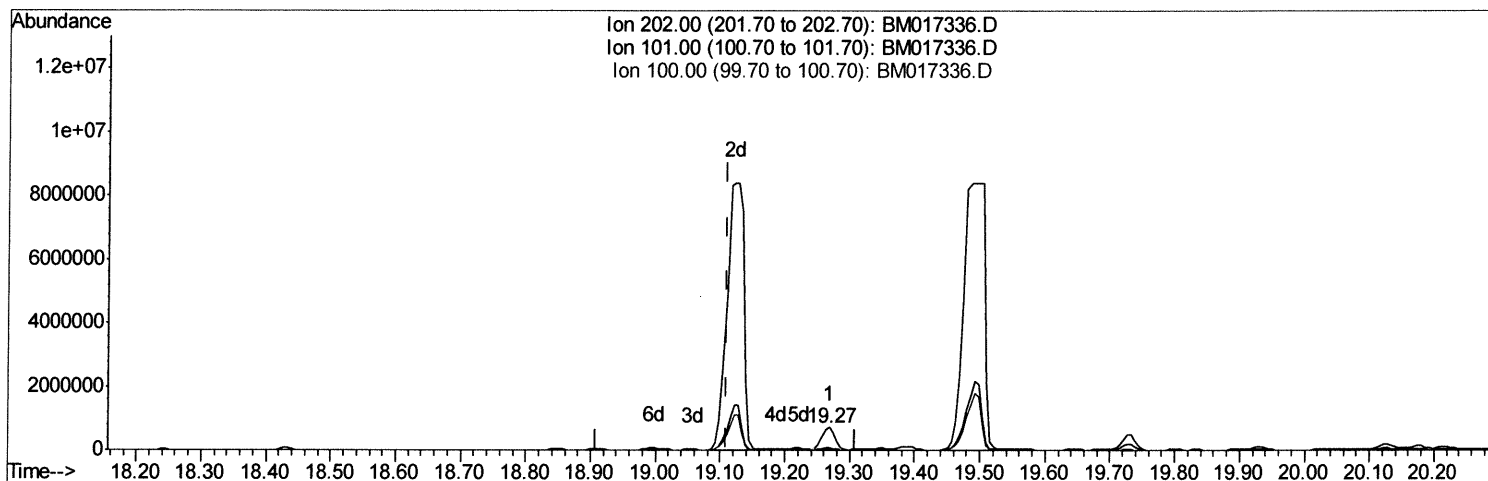
Data File : BM017336.D
Acq On : 25 Oct 2018 02:33
Operator : MJ/SJ
Sample : J5598-01
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AD8

Manual Integrations
APPROVED

Sohil
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Quant Time: Oct 25 08:24:54 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102418MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 25 02:39:26 2018
Response via : Initial Calibration



TIC: BM017336.D

(77) Fluoranthene (C)

19.268min (+0.159) 6.41ng/ul

response 924352

Ion	Exp%	Act%
202.00	100	100
101.00	10.30	10.44
100.00	7.90	8.20
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM102418\
Quantitation Report (Qedit)

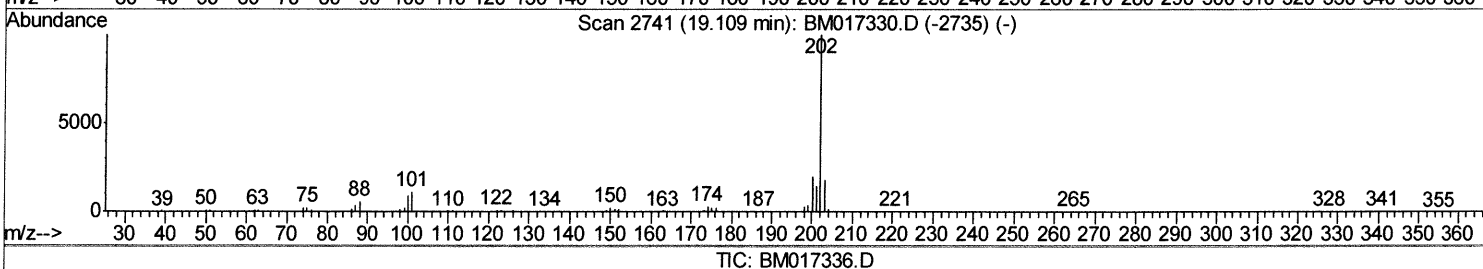
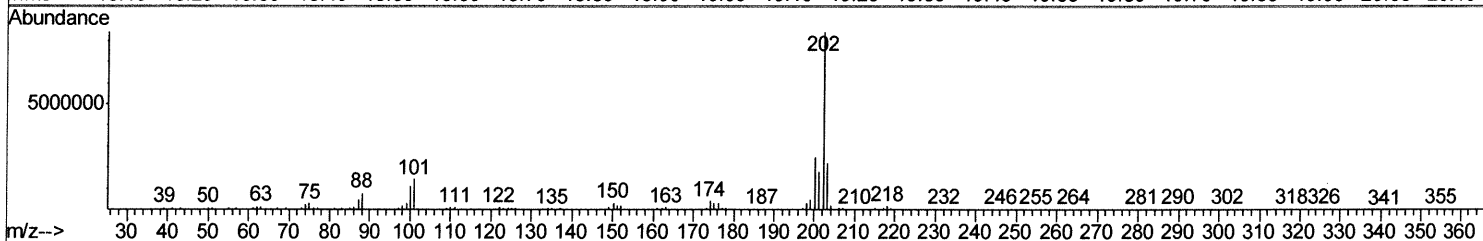
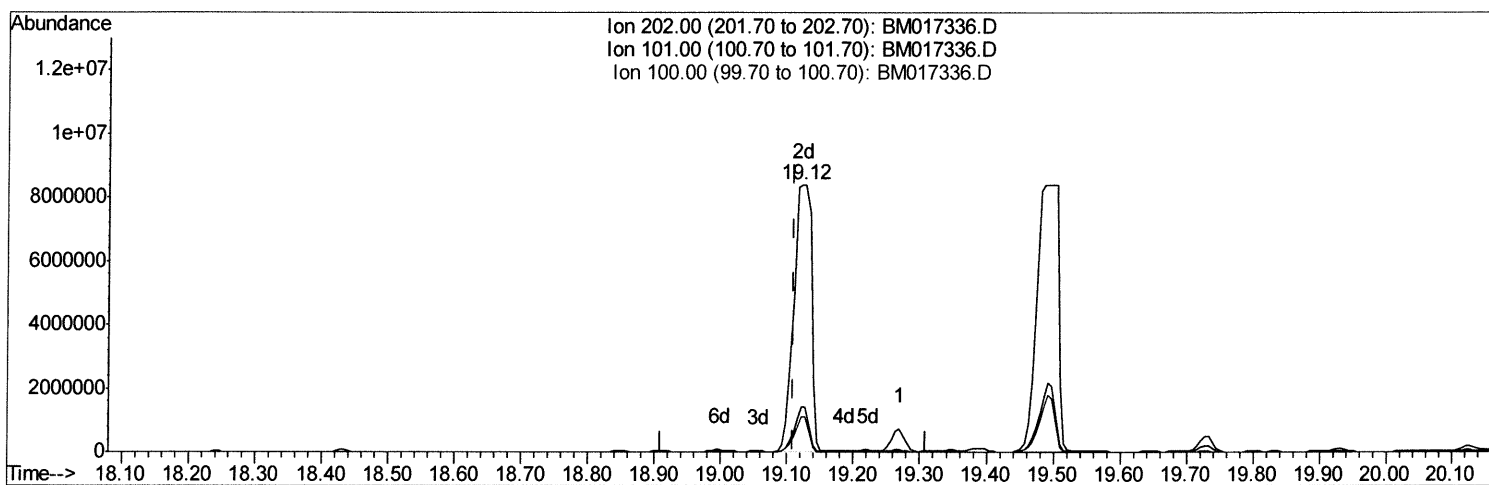
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Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampled :
C0AD8

Manual Integrations
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QLast Update : Thu Oct 25 02:39:26 2018
Response via : Initial Calibration



(77) Fluoranthene (C)

19.121min (+0.012) 107.52ng/ul m

5/10/25/18

response 15503747

Ion	Exp%	Act%
202.00	100	100
101.00	10.30	17.04#
100.00	7.90	13.18#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM102418\
Quantitation Report (Qedit)

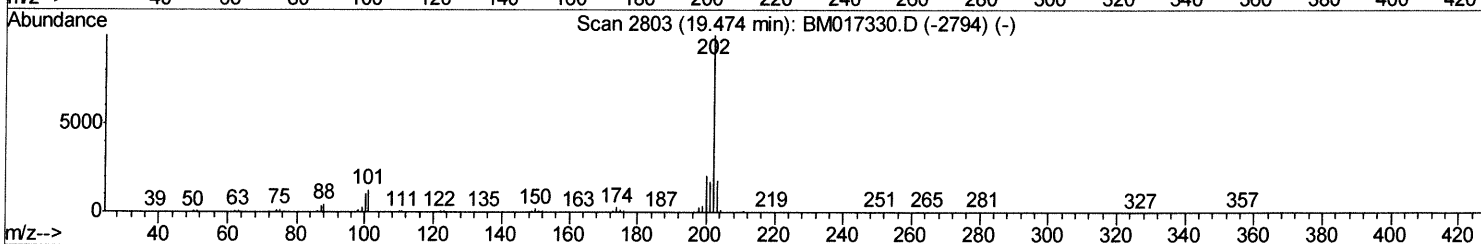
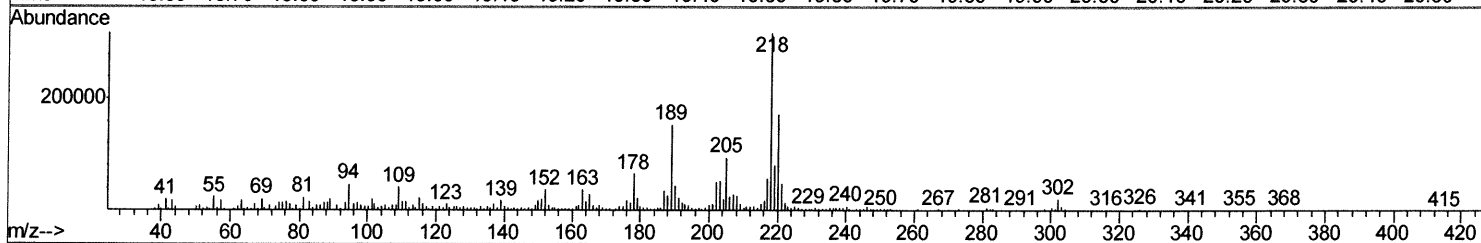
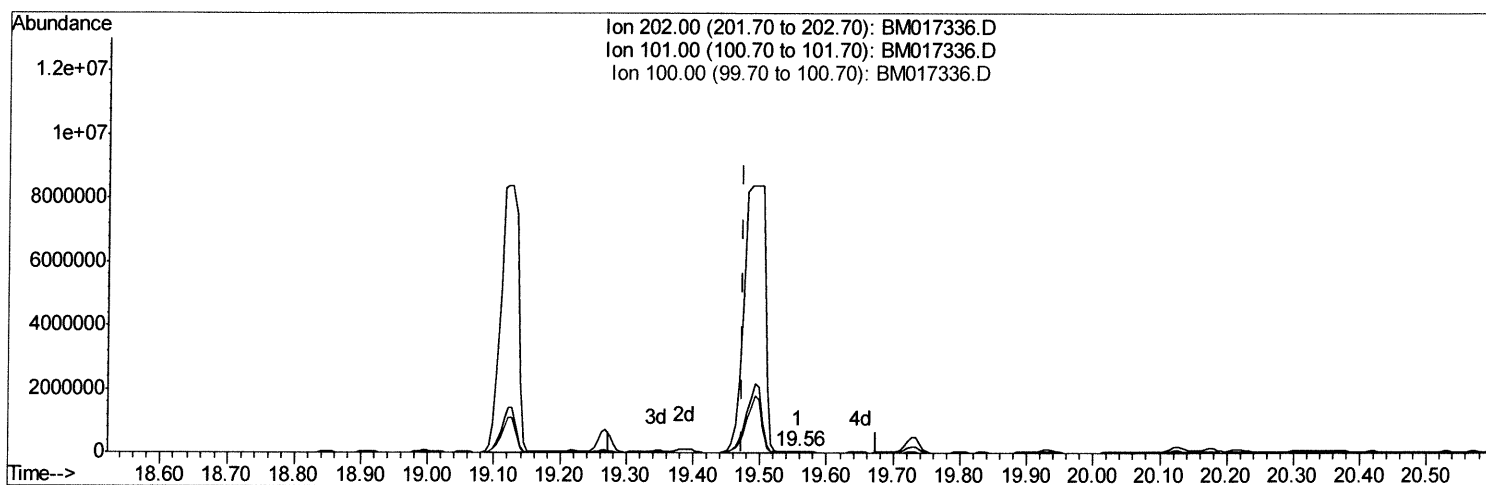
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Sample : J5598-01
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Manual Integrations
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TIC: BM017336.D

(80) Pyrene

19.557min (+0.083) 0.48ng/ul

response 60818

Ion	Exp%	Act%
202.00	100	100
101.00	11.90	40.35#
100.00	10.10	14.08#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102418\
Quantitation Report (Qedit)

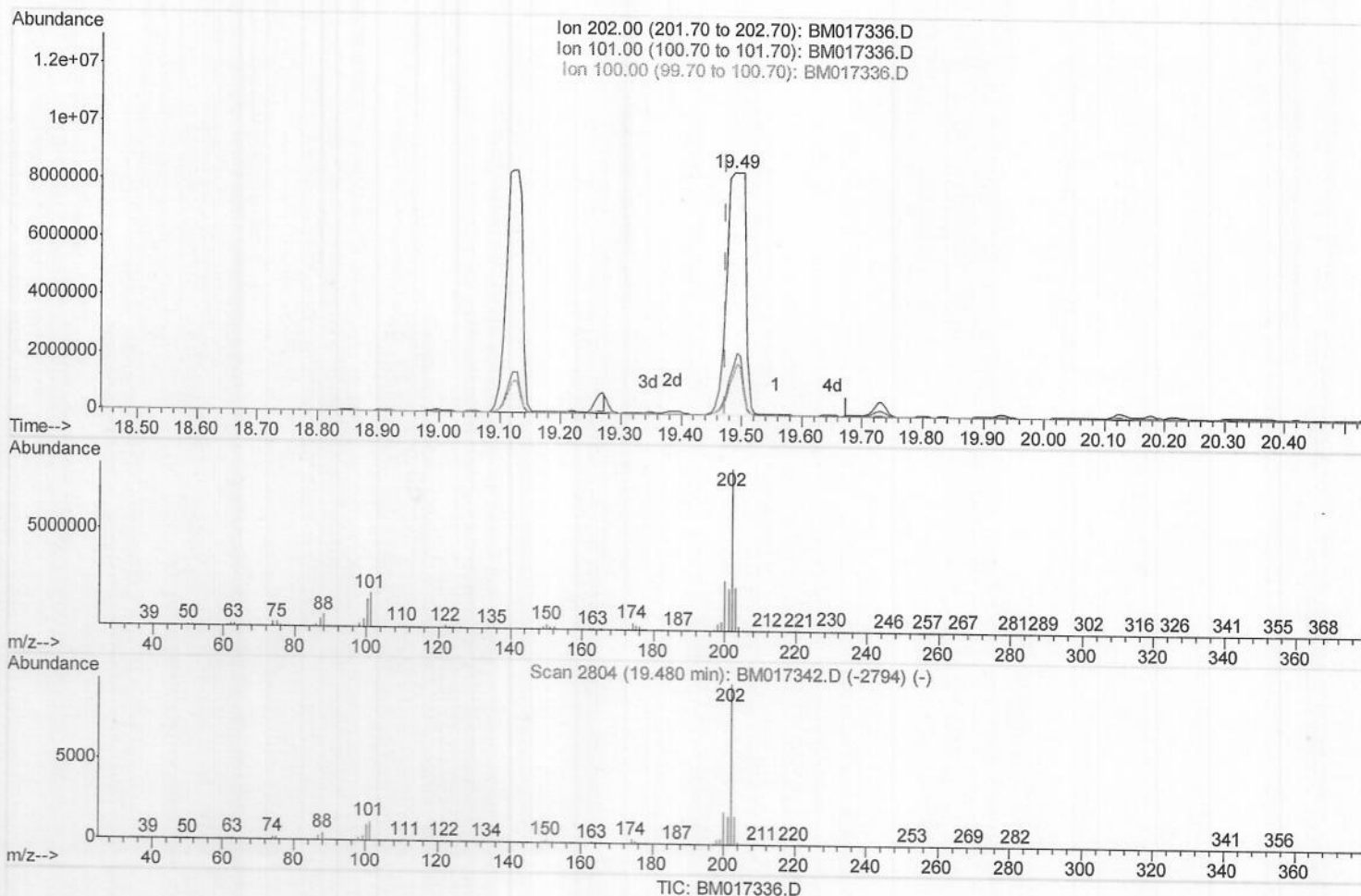
Data File : BM017336.D
Acq On : 25 Oct 2018 02:33
Operator : MJ/SJ
Sample : J5598-01
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AD8

Manual Integrations
APPROVED

Sohil
10/25/2018 3:34:28 PM

Quant Time: Oct 25 08:32:15 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102418MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 25 02:39:26 2018
Response via : Initial Calibration



(80) Pyrene

19.486min (+0.012) 147.53ng/ul m J S J 10/25/18

response 18557566

Ion	Exp%	Act%
202.00	100	100
101.00	11.90	21.13#
100.00	10.10	17.32#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM102418\
Quantitation Report (Qedit)

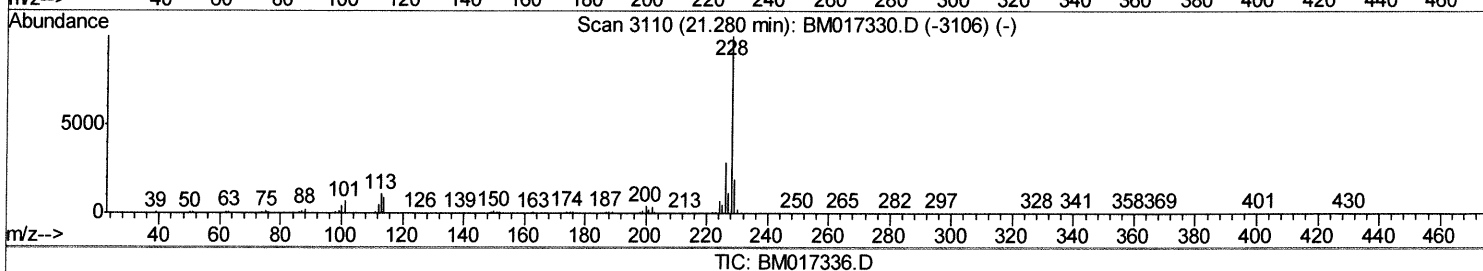
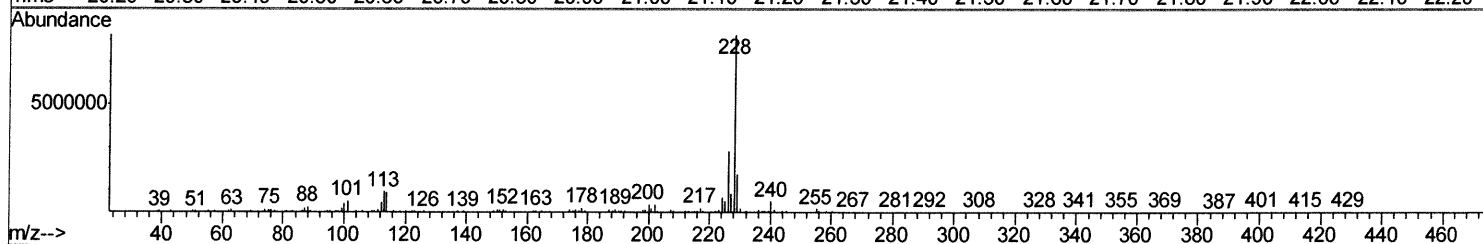
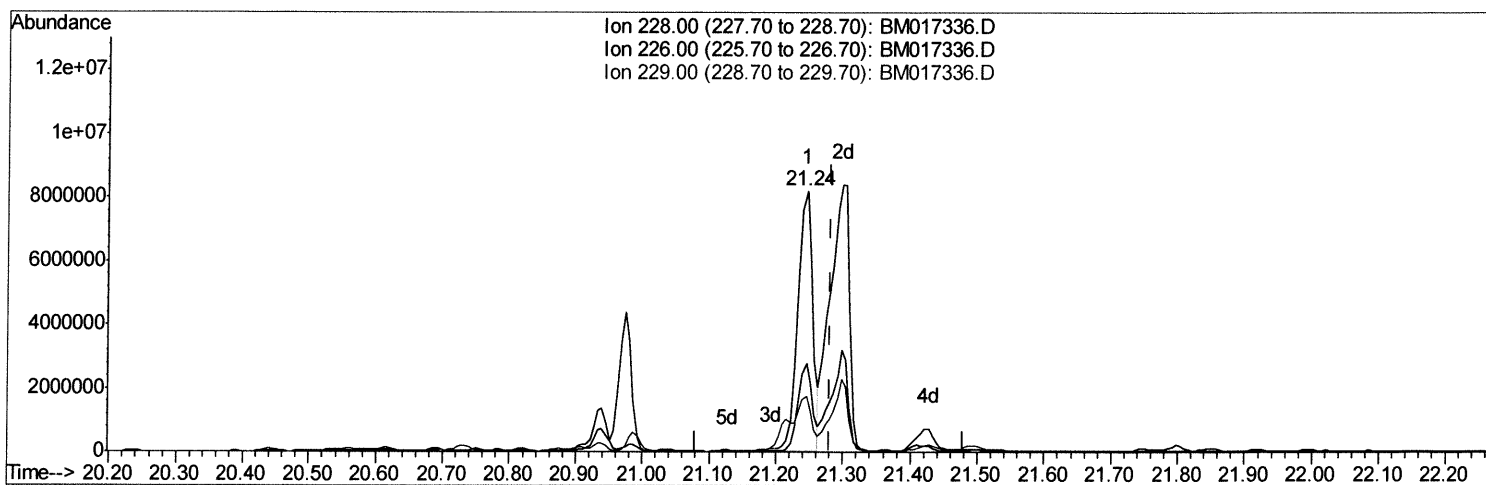
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Acq On : 25 Oct 2018 02:33
Operator : MJ/SJ
Sample : J5598-01
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Manual Integrations
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Response via : Initial Calibration



(85) Chrysene

21.245min (-0.035) 100.95ng/ul

SS 10/25/18

response 12724327

Ion	Exp%	Act%
228.00	100	100
226.00	29.10	34.00
229.00	19.50	21.54
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM102418\
Quantitation Report (Qedit)

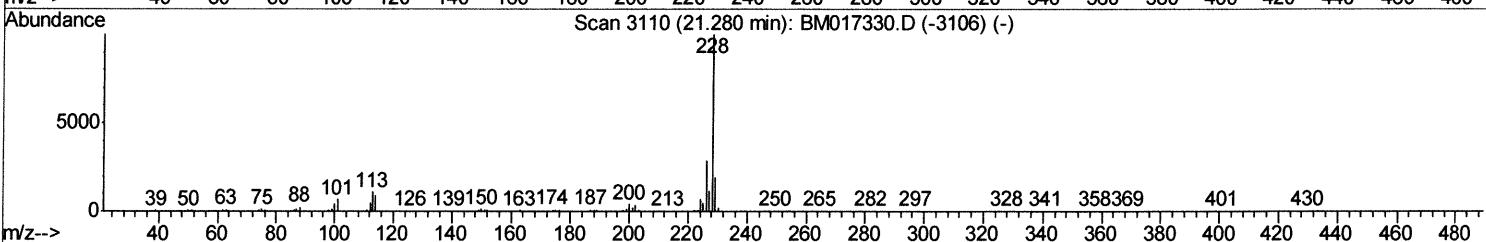
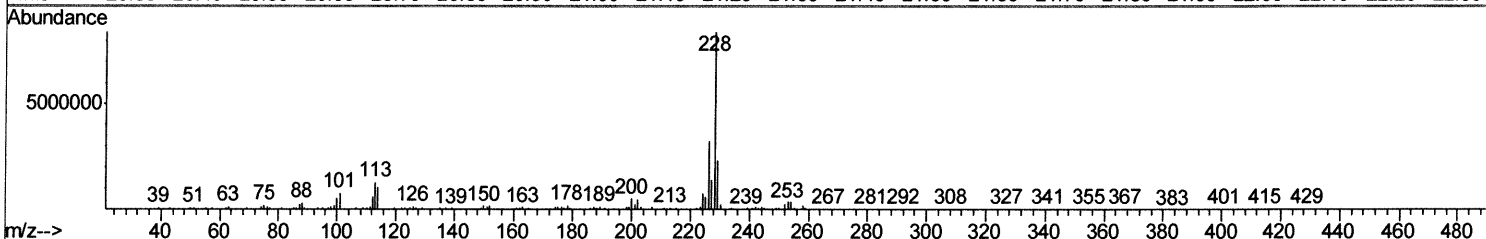
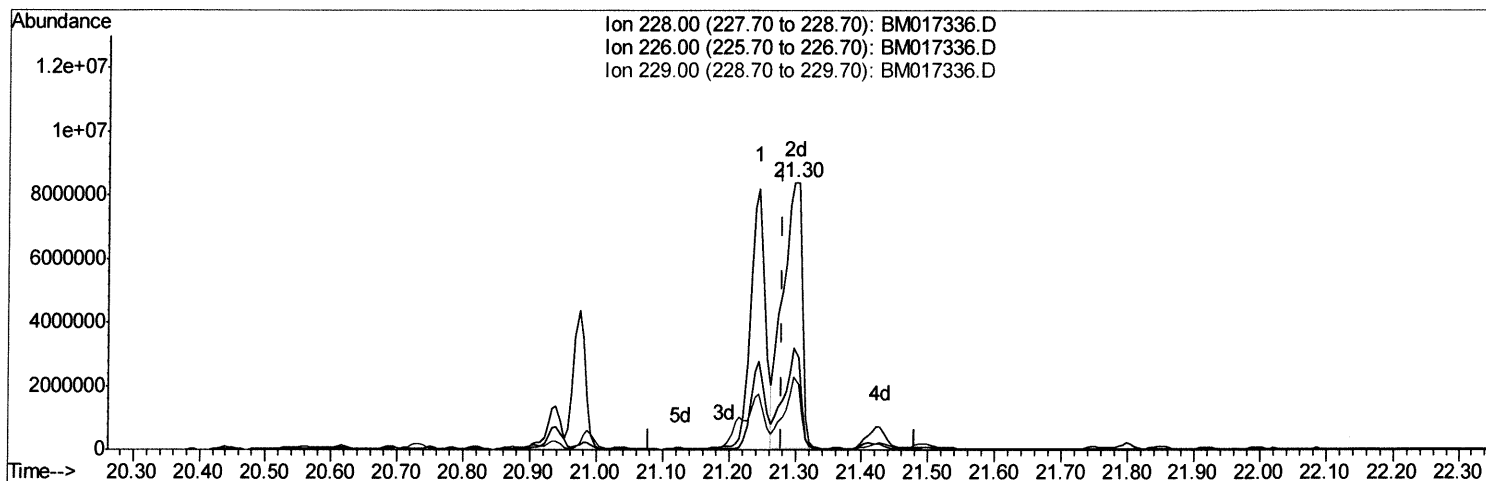
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Acq On : 25 Oct 2018 02:33
Operator : MJ/SJ
Sample : J5598-01
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Manual Integrations
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TIC: BM017336.D

(85) Chrysene

21.298min (+0.018) 134.79ng/ul m

5/10/25/18

response 16990504

Ion	Exp%	Act%
228.00	100	100
226.00	29.10	38.10#
229.00	19.50	27.28#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM102418\
Quantitation Report (Qedit)

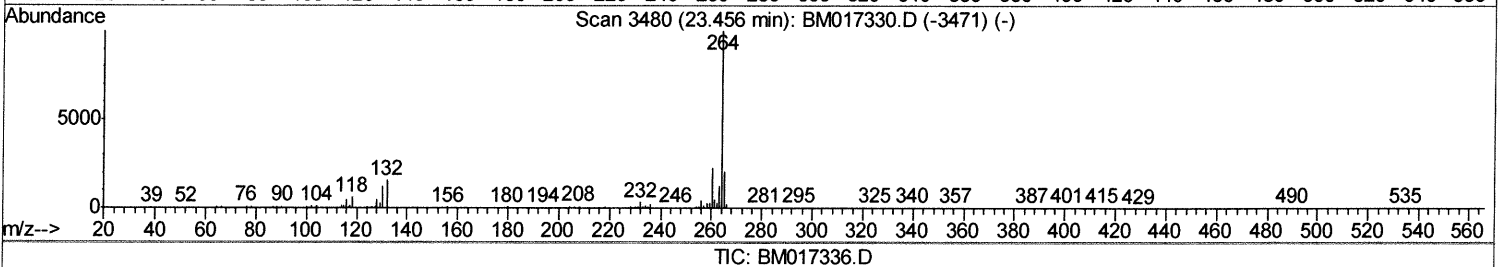
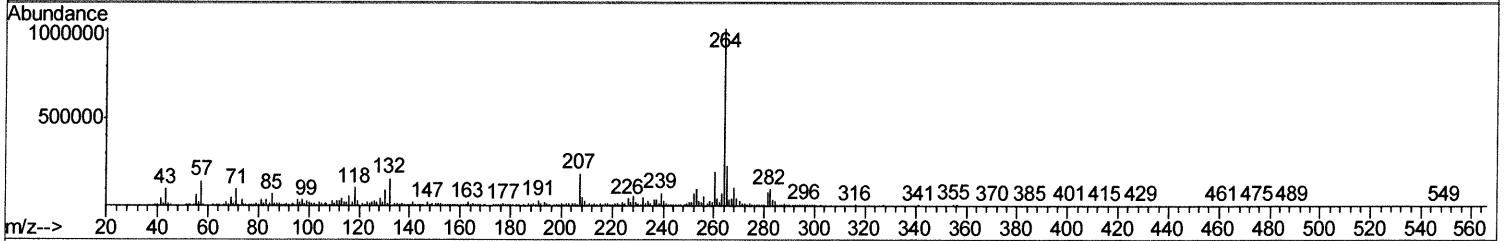
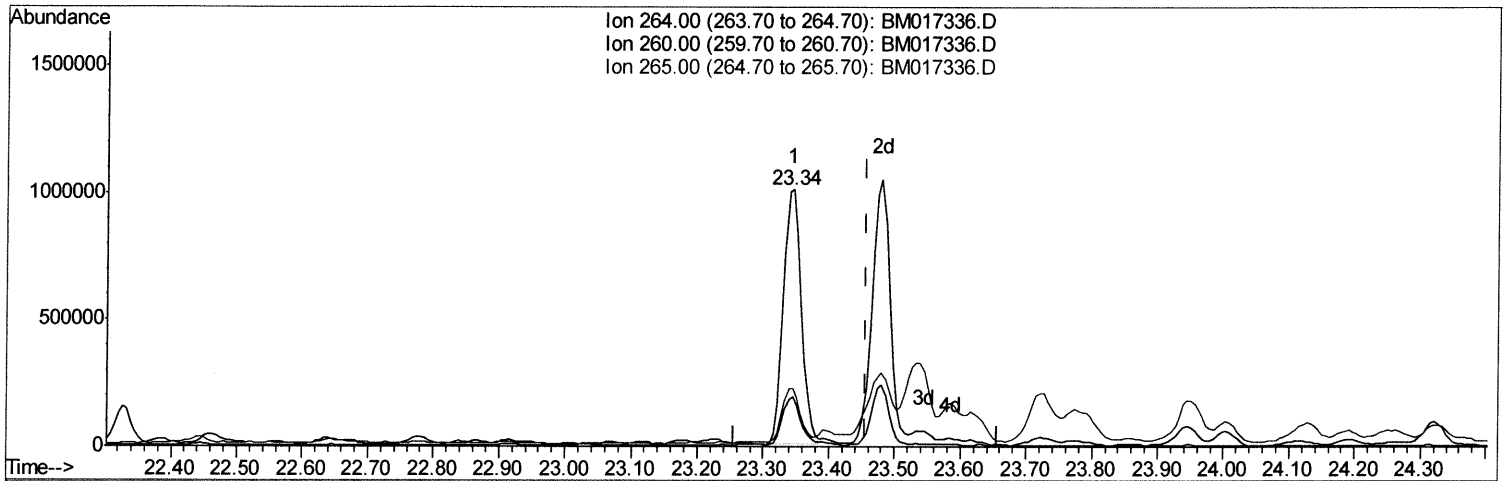
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Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Manual Integrations
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(86) Perylene-d12 (I)

23.345min (-0.111) 20.00ng/ul

response 1920985

Ion	Exp%	Act%
264.00	100	100
260.00	22.80	19.27
265.00	21.90	22.90
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM102418\
Quantitation Report (Qedit)

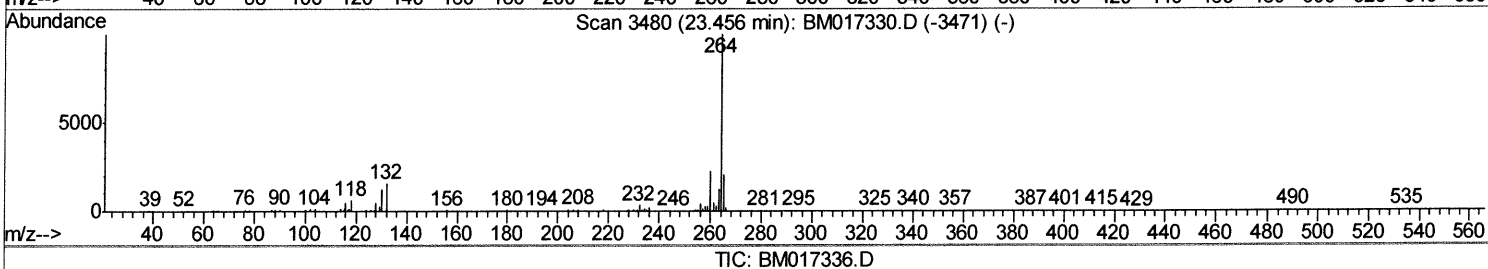
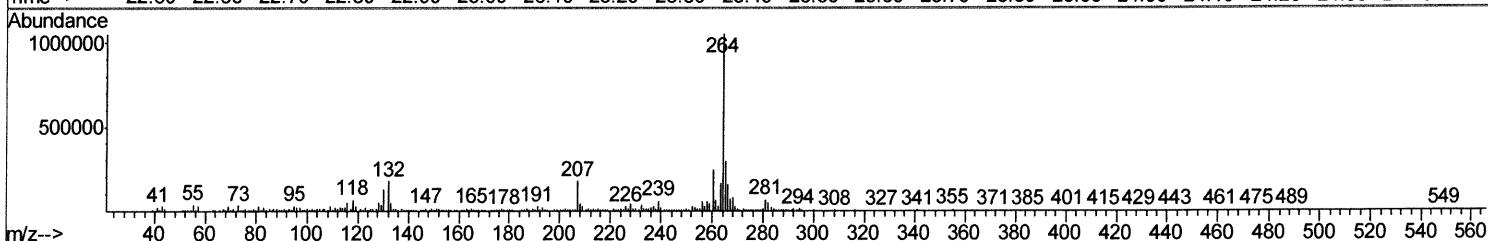
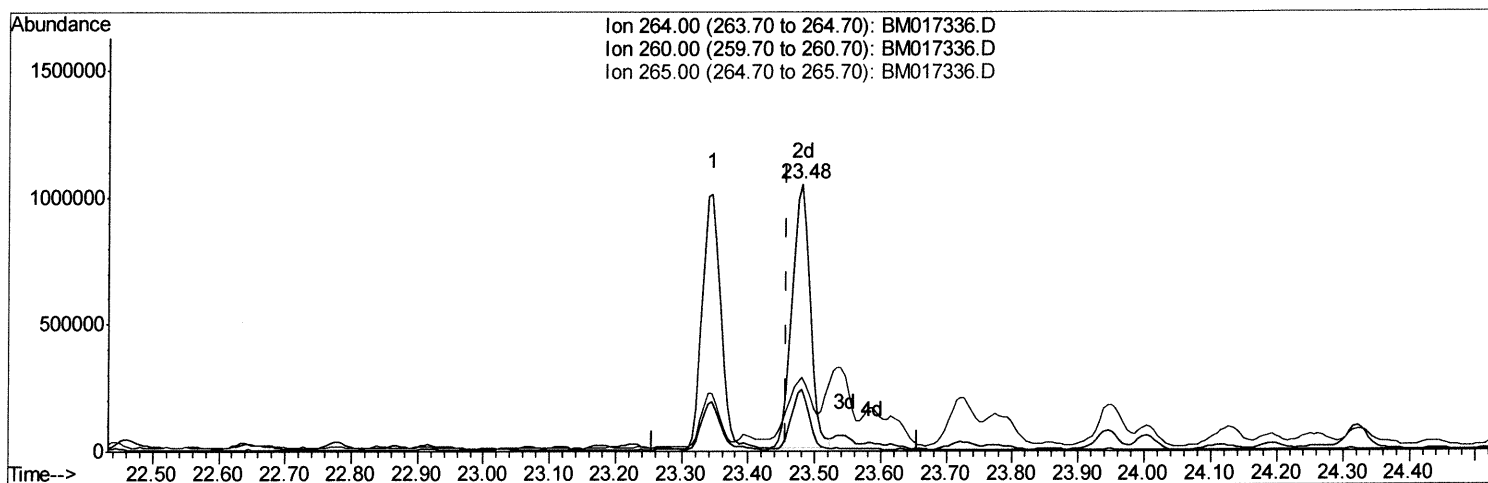
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Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Manual Integrations
APPROVED

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(86) Perylene-d12 (I)

23.480min (+0.024) 20.00ng/ul m

response 1963046

Ion	Exp%	Act%
264.00	100	100
260.00	22.80	23.20
265.00	21.90	27.92#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM102418\
Quantitation Report (Qedit)

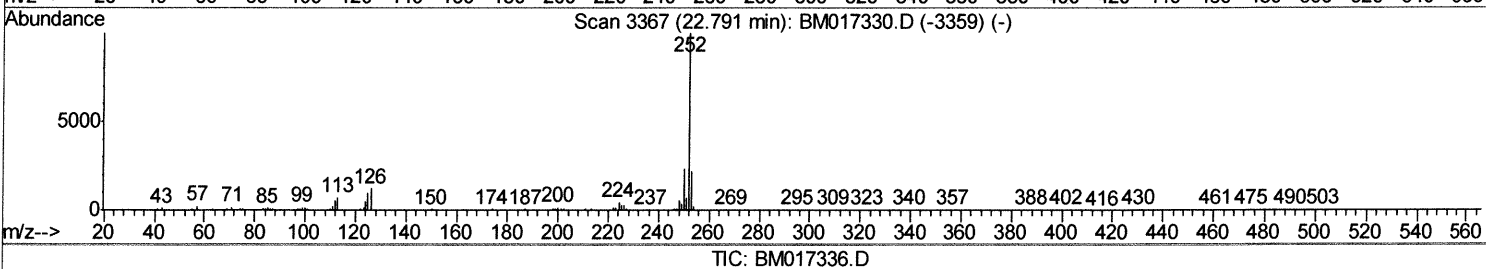
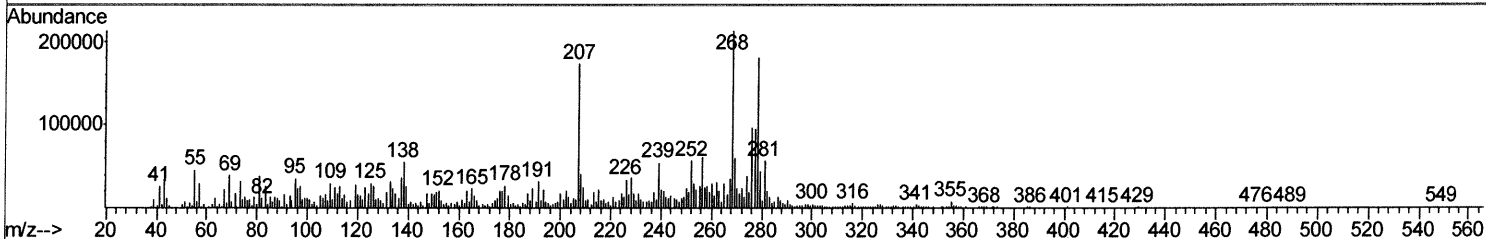
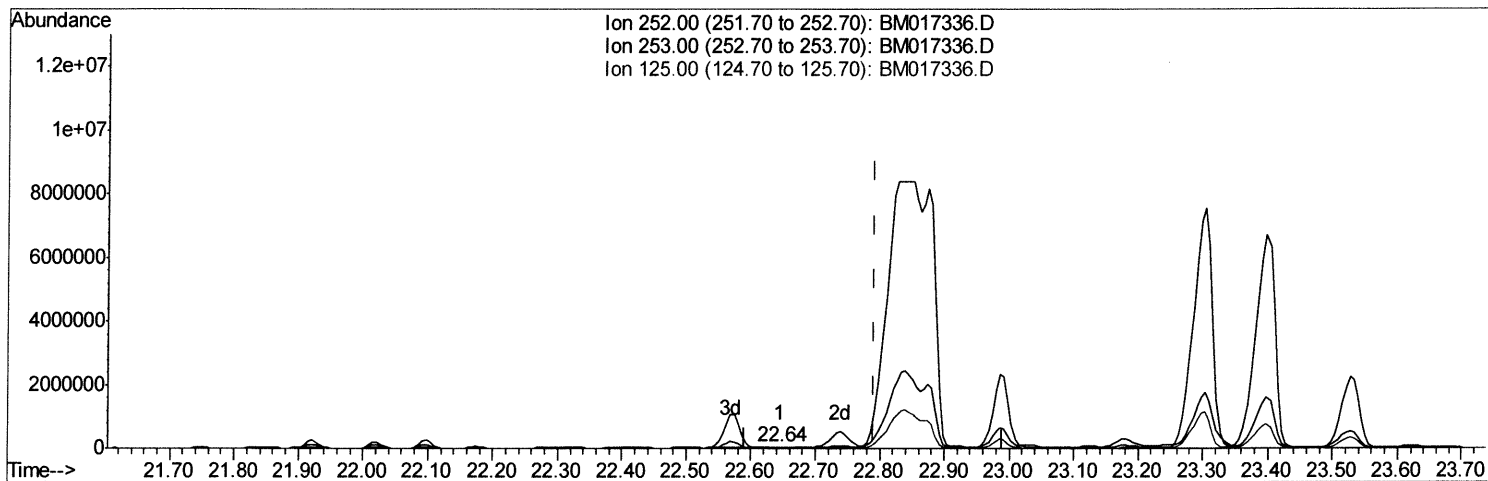
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Instrument :
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ClientSampleId :
C0AD8

Manual Integrations
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Sohil
10/25/2018 3:34:28 PM

Quant Time: Oct 25 08:30:16 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102418MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 25 02:39:26 2018
Response via : Initial Calibration



(88) Benzo(b)fluoranthene

22.645min (-0.147) 0.78ng/ul

response 89210

Ion	Exp%	Act%
252.00	100	100
253.00	22.00	52.89#
125.00	9.00	53.02#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM102418\
Quantitation Report (Qedit)

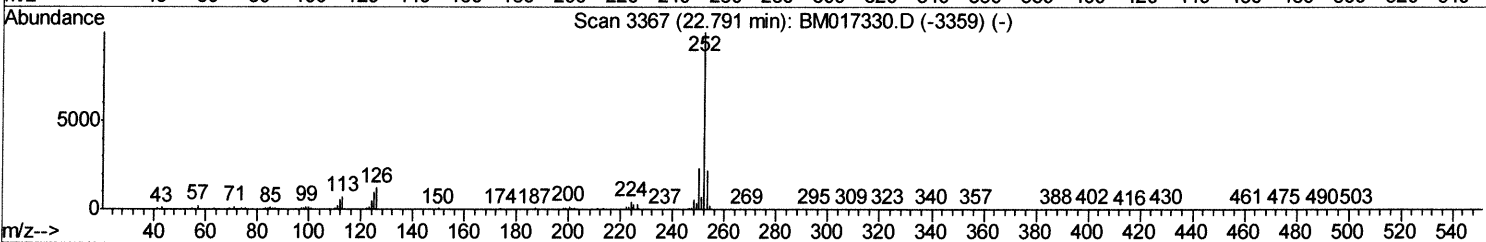
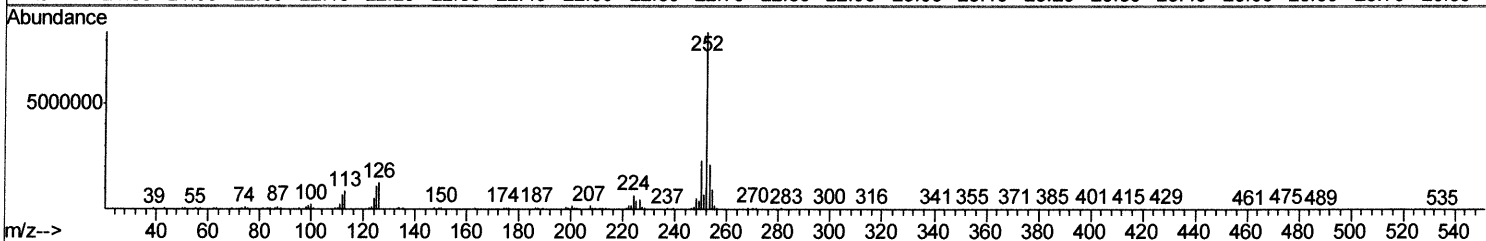
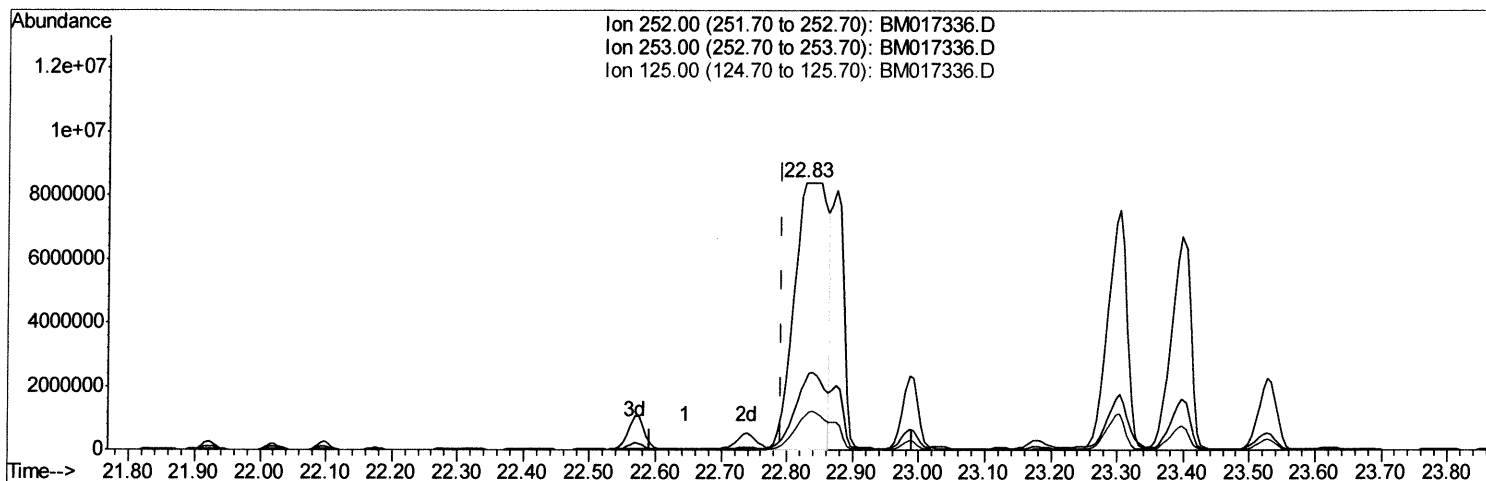
Data File : BM017336.D
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ALS Vial : 27 Sample Multiplier: 1

Instrument :
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Manual Integrations
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TIC: BM017336.D

(88) Benzo(b)fluoranthene

22.827min (+0.036) 257.20ng/ul m

5/10/25/18

response 29554461

Ion	Exp%	Act%
252.00	100	100
253.00	22.00	25.54
125.00	9.00	12.80#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM102418\
Quantitation Report (Qedit)

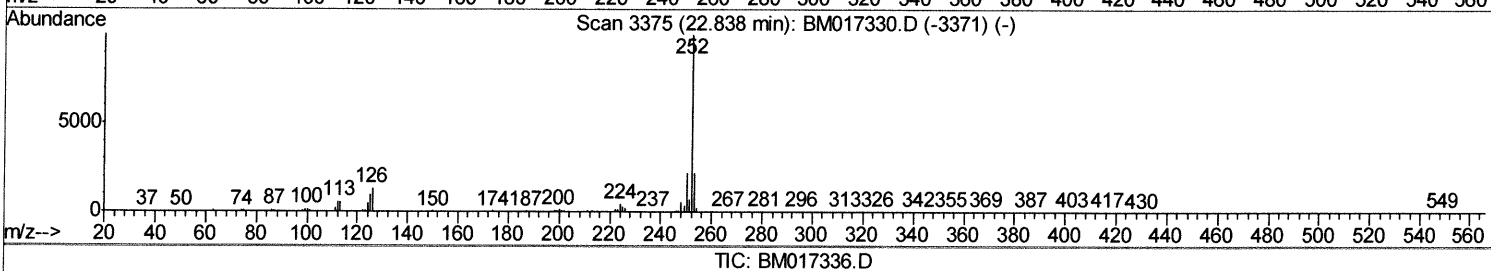
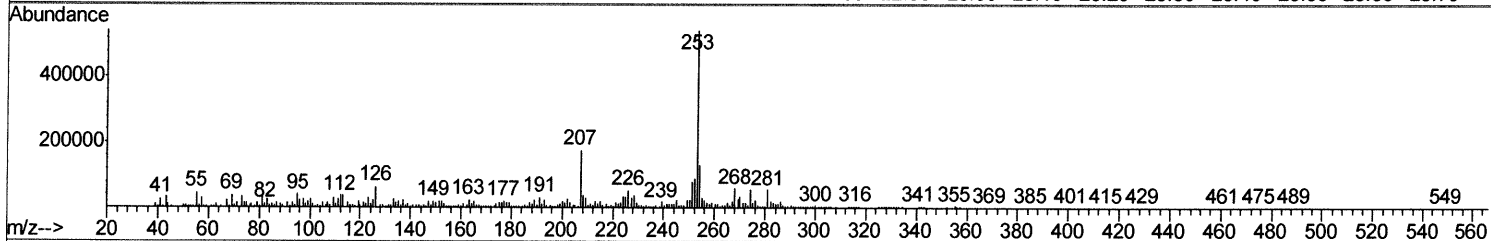
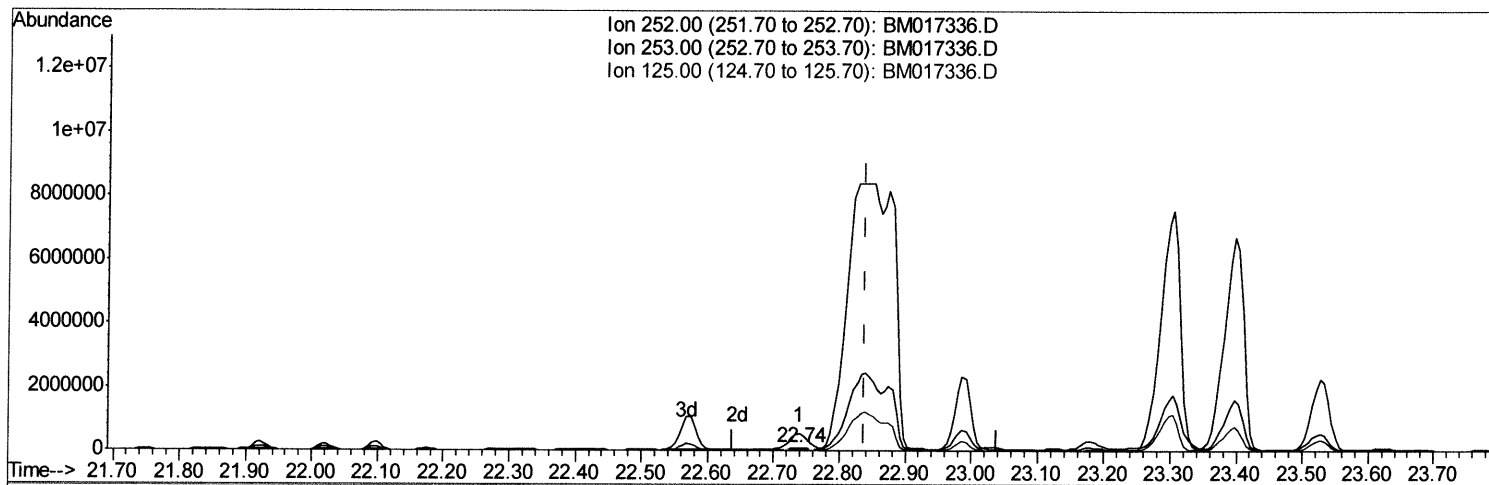
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Manual Integrations
APPROVED

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(89) Benzo(k)fluoranthene

22.739min (-0.100) 0.93ng/ul

response 104820

Ion	Exp%	Act%
252.00	100	100
253.00	22.10	604.86#
125.00	9.70	27.23#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM102418\
Quantitation Report (Qedit)

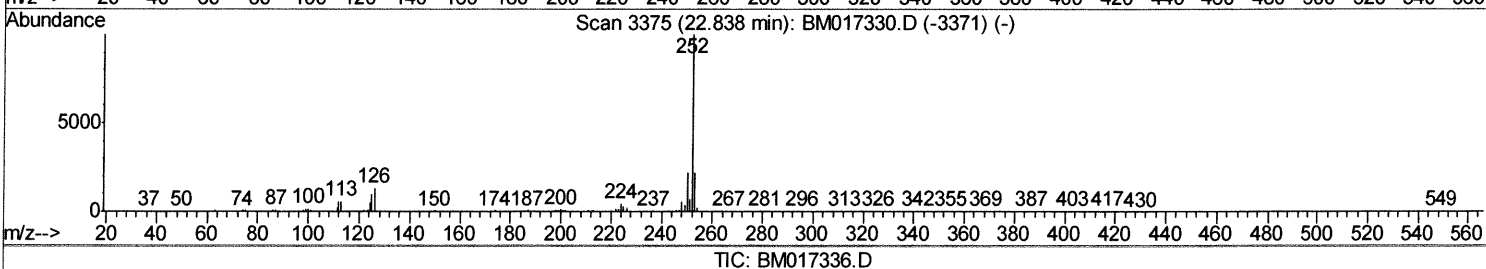
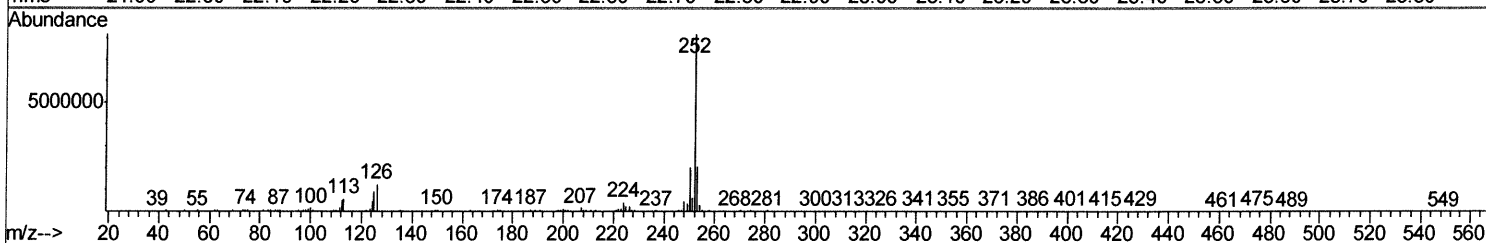
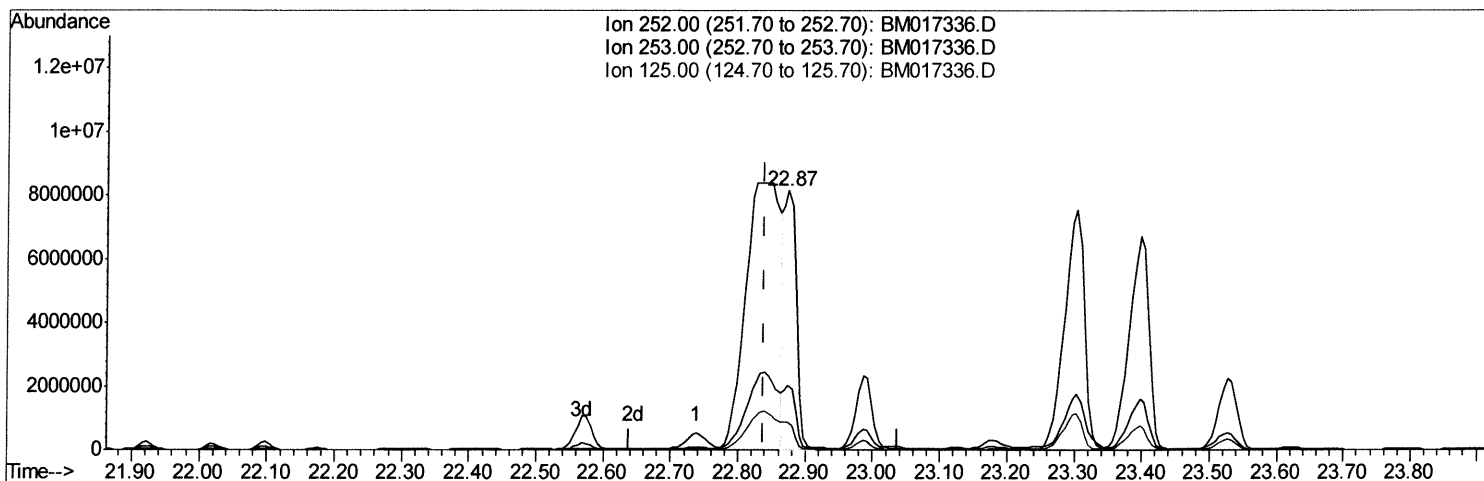
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(89) Benzo(k)fluoranthene

22.874min (+0.036) 96.19ng/ul m

5910/25/18

response 10796723

Ion	Exp%	Act%
252.00	100	100
253.00	22.10	25.03
125.00	9.70	10.94
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM102418\
Quantitation Report (Qedit)

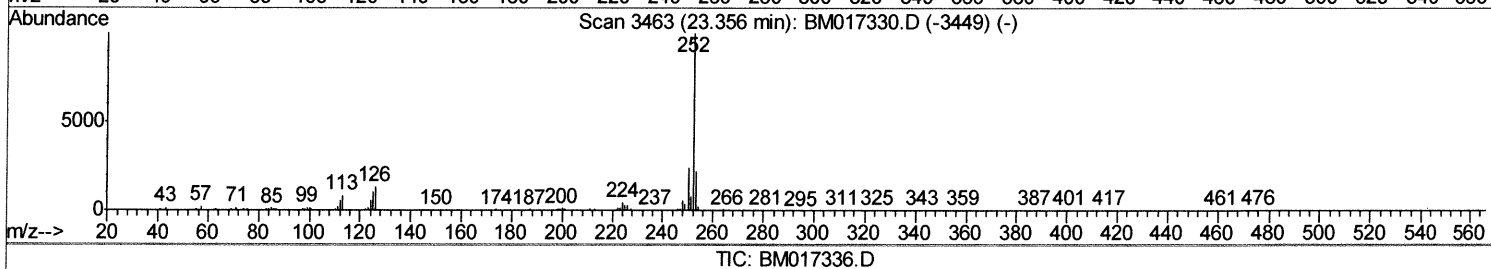
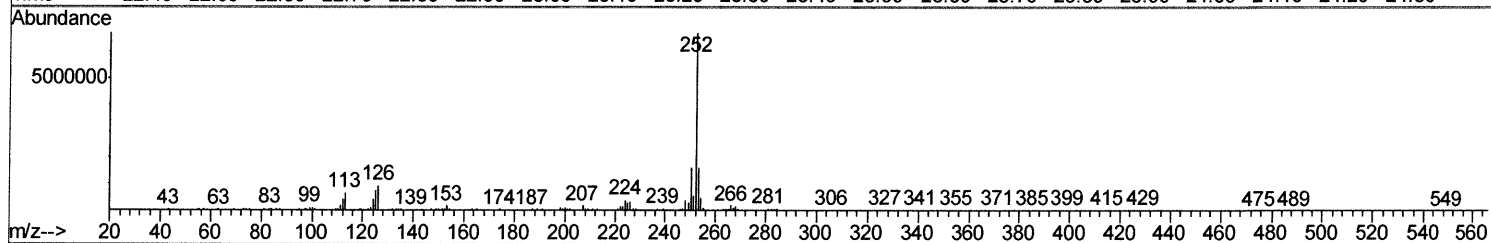
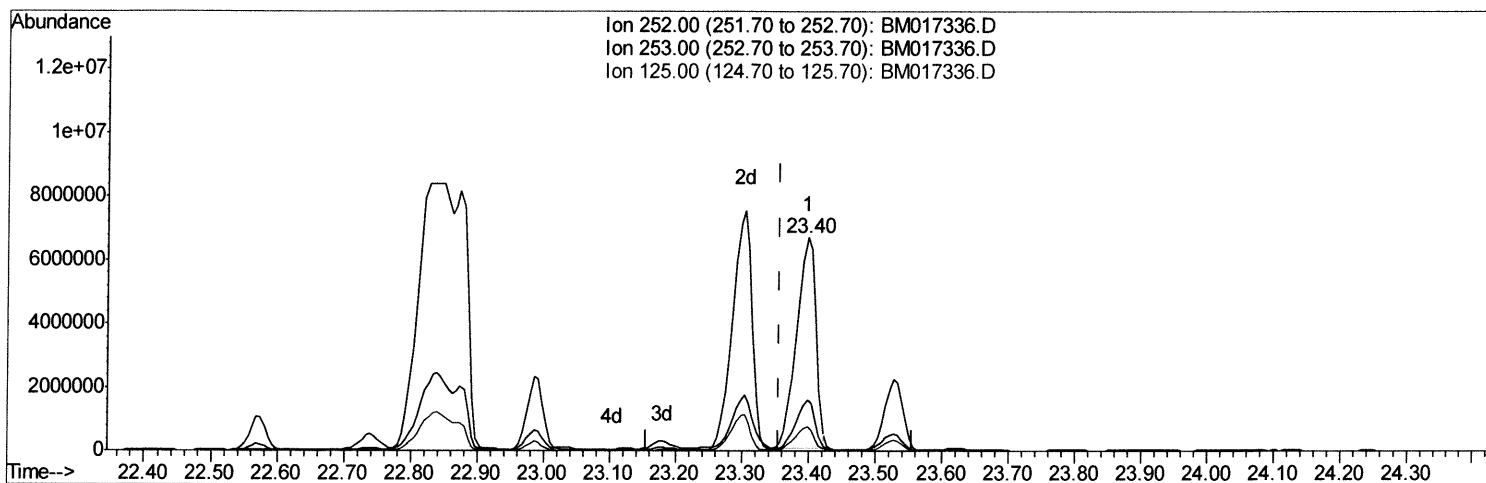
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(91) Benzo(a)pyrene (C)

23.398min (+0.041) 118.68ng/ul

response 13322637

Ion	Exp%	Act%
252.00	100	100
253.00	22.00	23.71
125.00	10.40	11.32
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM102418\
Quantitation Report (Qedit)

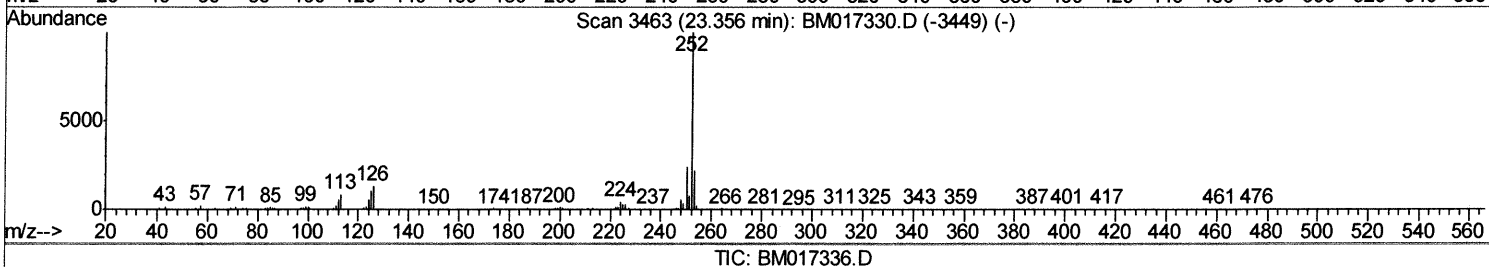
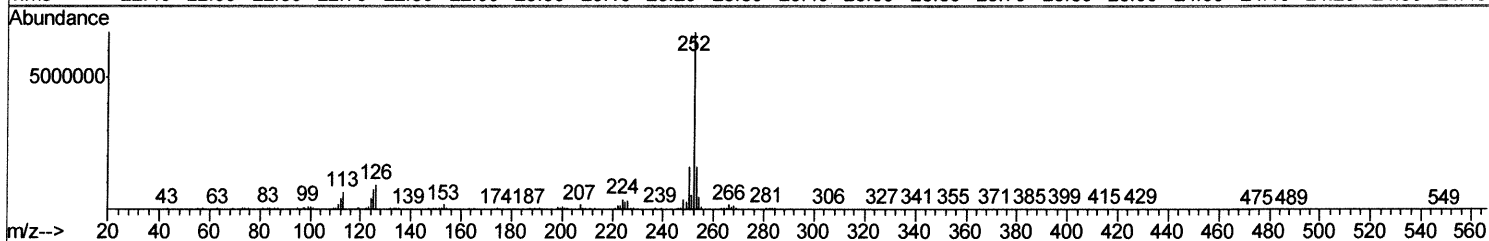
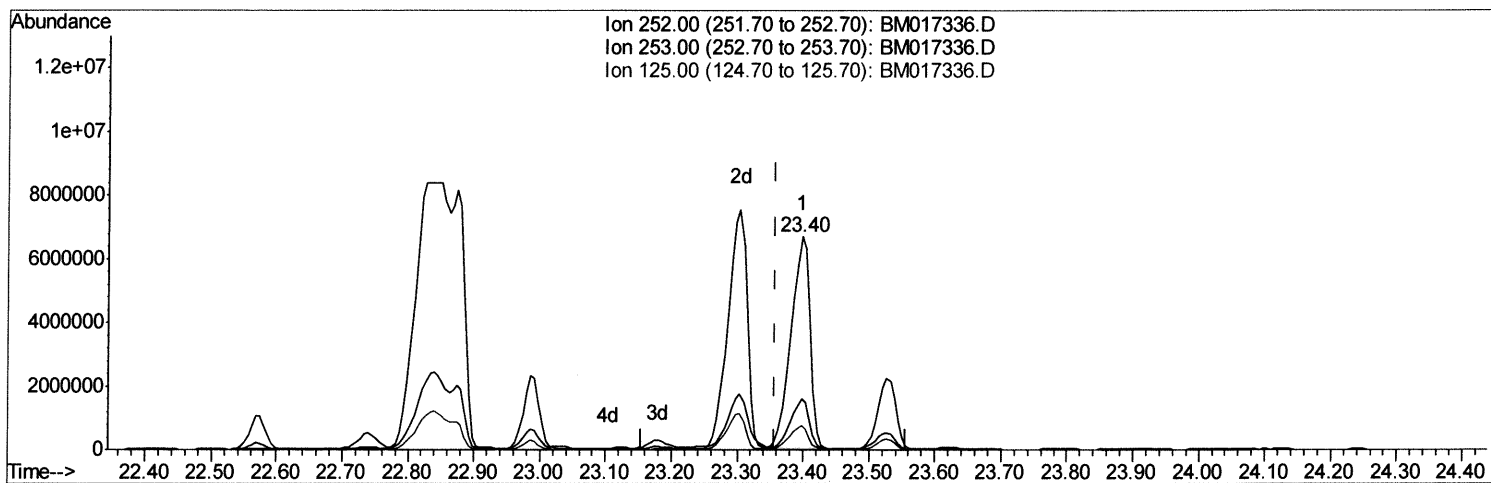
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(91) Benzo(a)pyrene (C)

23.398min (+0.041) 120.85ng/ul m

5/10/25/18

response 13565938

Ion	Exp%	Act%
252.00	100	100
253.00	22.00	23.71
125.00	10.40	11.32
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM102418\
Quantitation Report (Qedit)

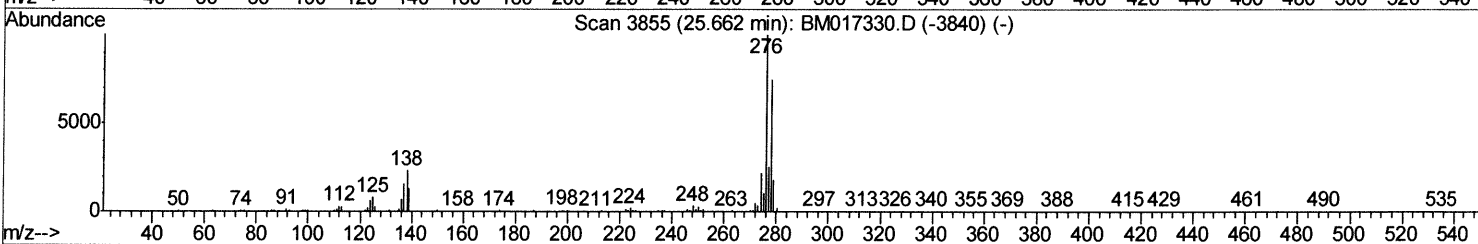
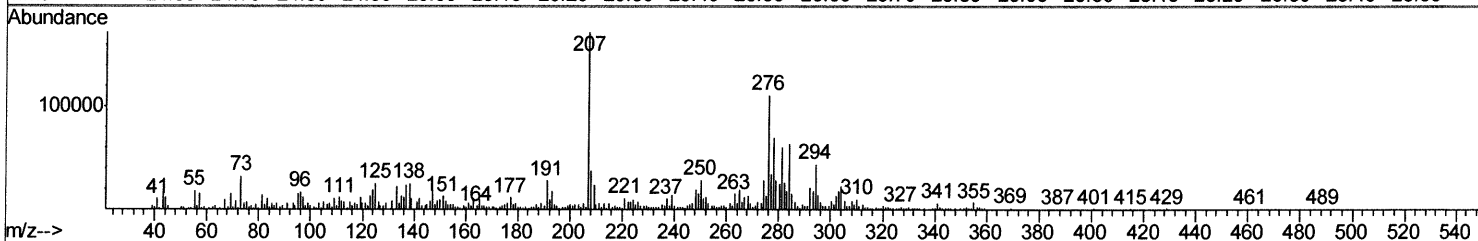
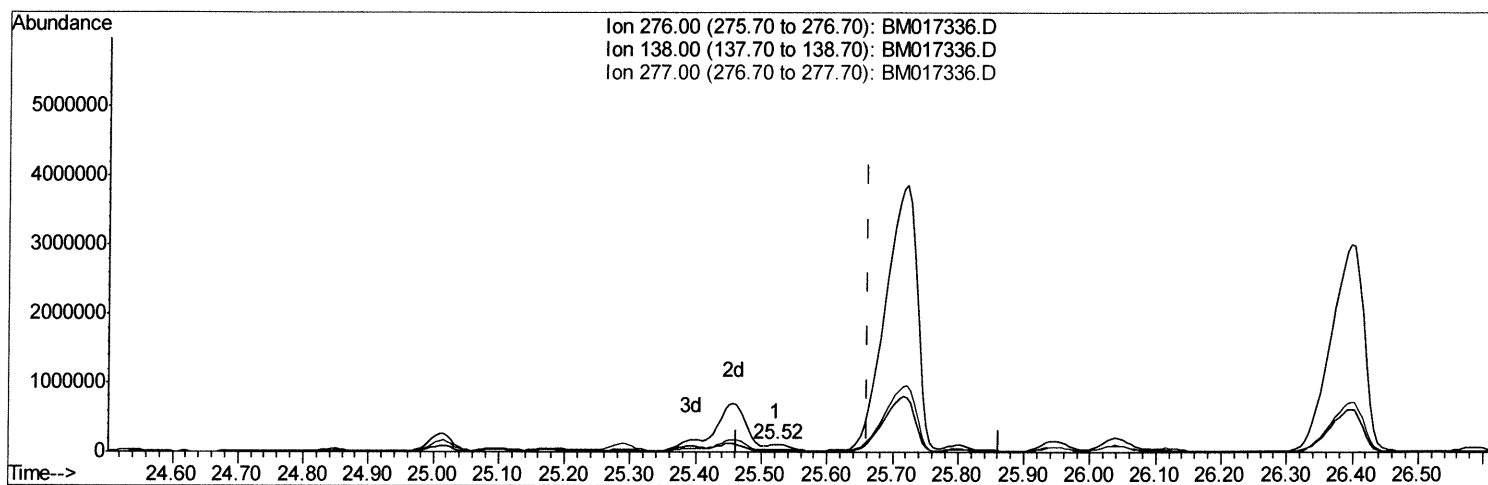
Data File : BM017336.D
Acq On : 25 Oct 2018 02:33
Operator : MJ/SJ
Sample : J5598-01
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AD8

Manual Integrations
APPROVED

Sohil
10/25/2018 3:34:28 PM

Quant Time: Oct 25 08:30:16 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102418MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 25 02:39:26 2018
Response via : Initial Calibration



TIC: BM017336.D

(92) Indeno(1,2,3-cd)pyrene

25.521min (-0.141) 1.63ng/ul

response 222714

Ion	Exp%	Act%
276.00	100	100
138.00	22.60	22.56
277.00	24.50	31.05#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM102418\
Quantitation Report (Qedit)

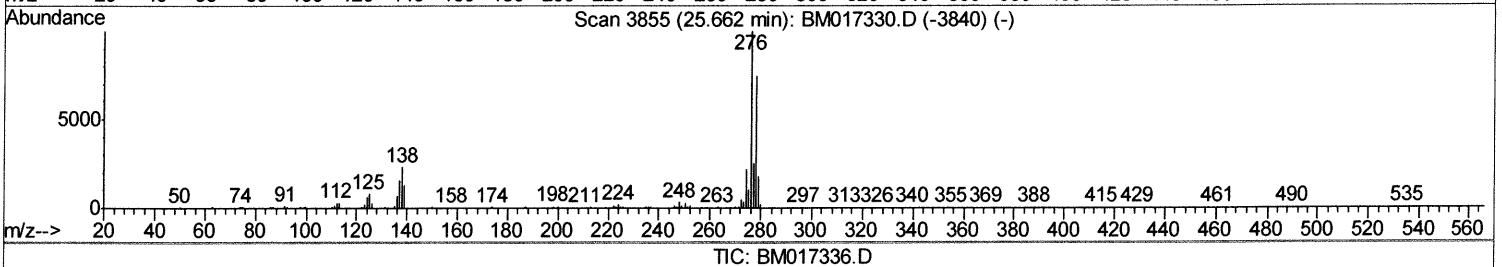
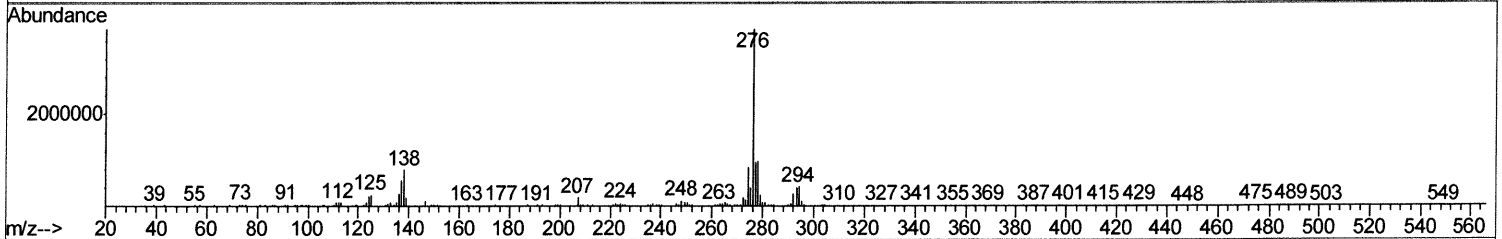
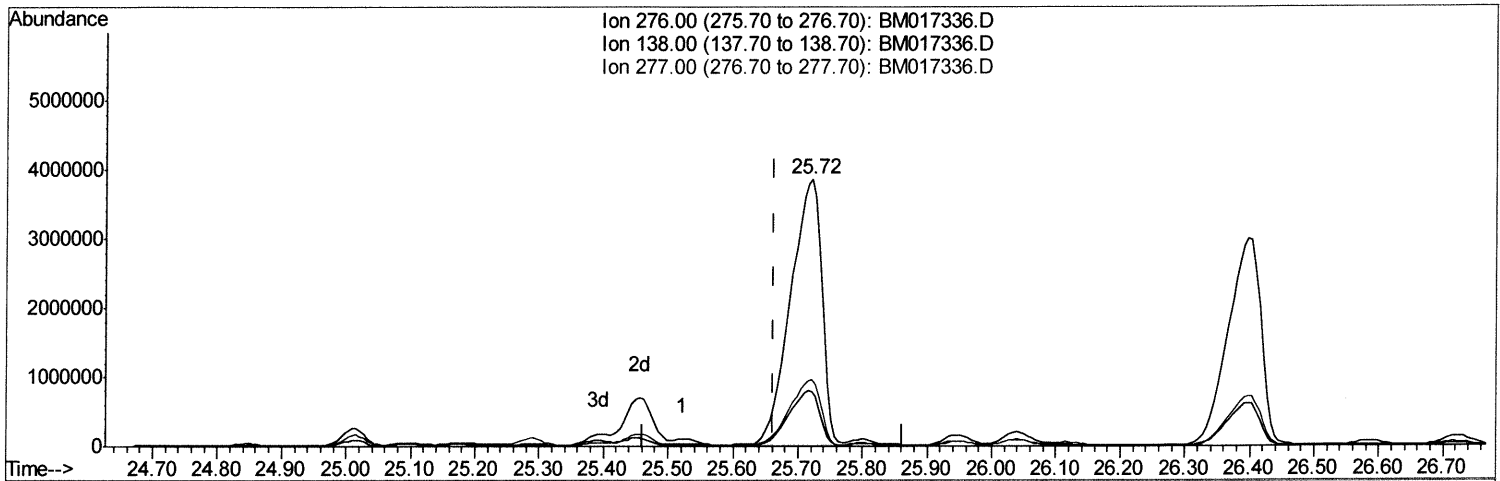
Data File : BM017336.D
Acq On : 25 Oct 2018 02:33
Operator : MJ/SJ
Sample : J5598-01
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AD8

Manual Integrations
APPROVED

Sohil
10/25/2018 3:34:28 PM

Quant Time: Oct 25 08:30:16 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102418MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 25 02:39:26 2018
Response via : Initial Calibration



(92) Indeno(1,2,3-cd)pyrene

25.721min (+0.059) 94.13ng/ul m

response 12856573

Ion	Exp%	Act%
276.00	100	100
138.00	22.60	20.36
277.00	24.50	24.97
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM102418\
Quantitation Report (Qedit)

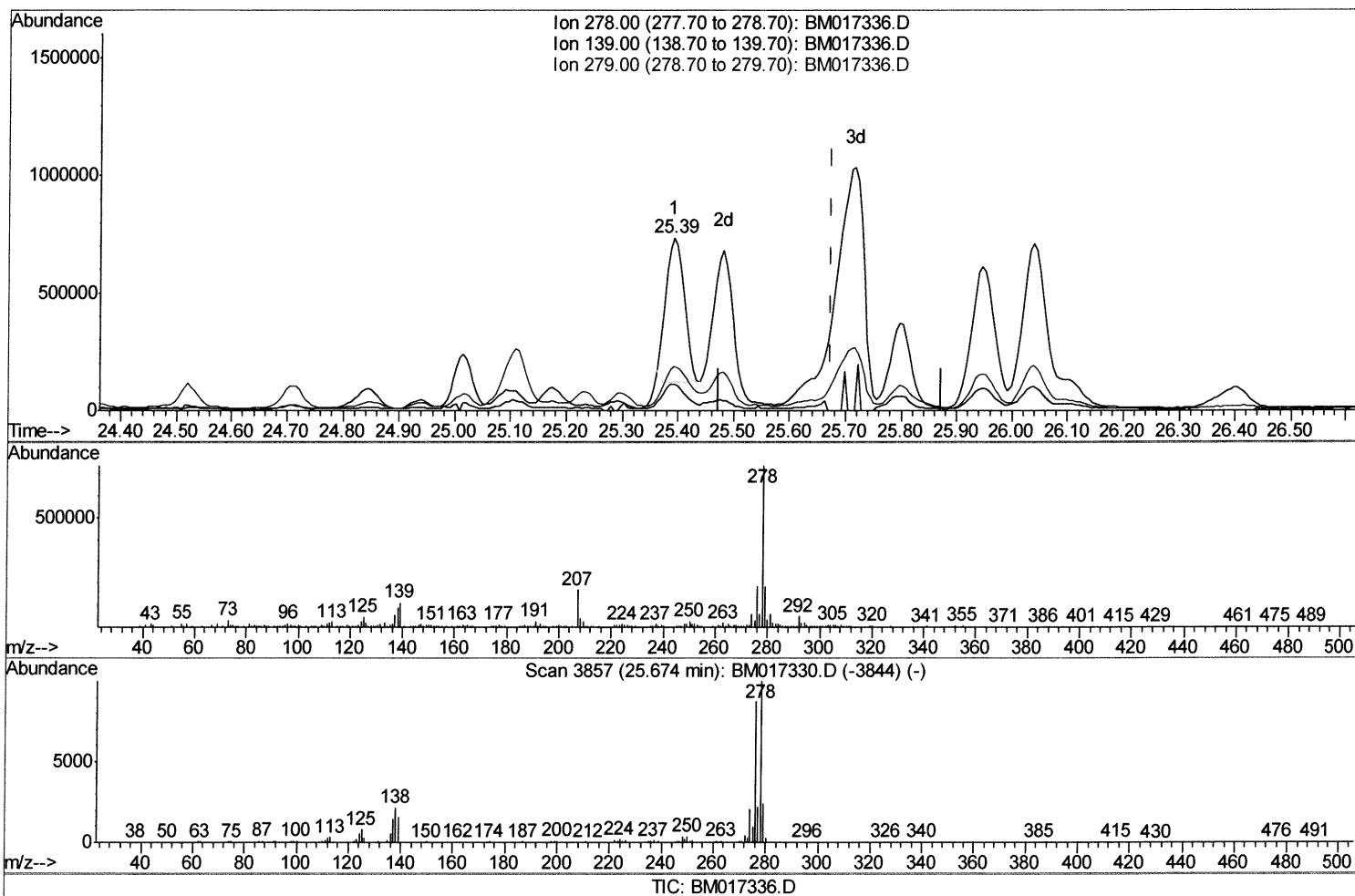
Data File : BM017336.D
Acq On : 25 Oct 2018 02:33
Operator : MJ/SJ
Sample : J5598-01
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AD8

Manual Integrations
APPROVED

Sohil
10/25/2018 3:34:28 PM

Quant Time: Oct 25 08:30:16 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102418MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 25 02:39:26 2018
Response via : Initial Calibration



(93) Dibenzo(a,h)anthracene

25.392min (-0.282) 12.51ng/ul

response 1426924

Ion	Exp%	Act%
278.00	100	100
139.00	15.90	15.13
279.00	23.70	25.65
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM102418\
Quantitation Report (Qedit)

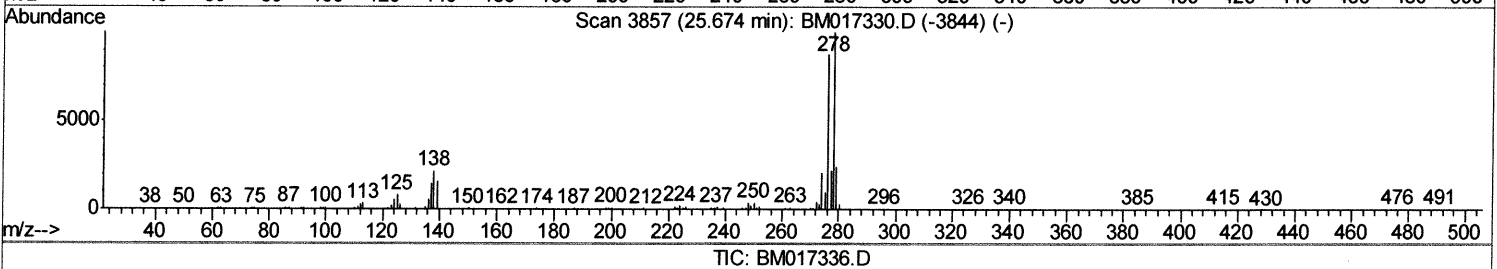
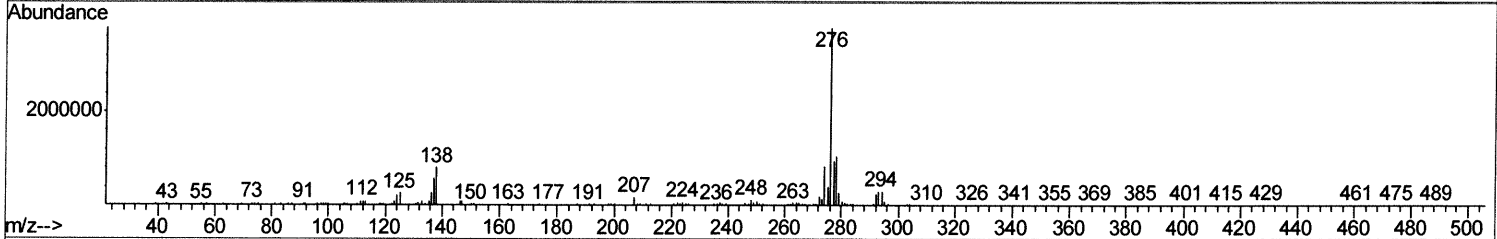
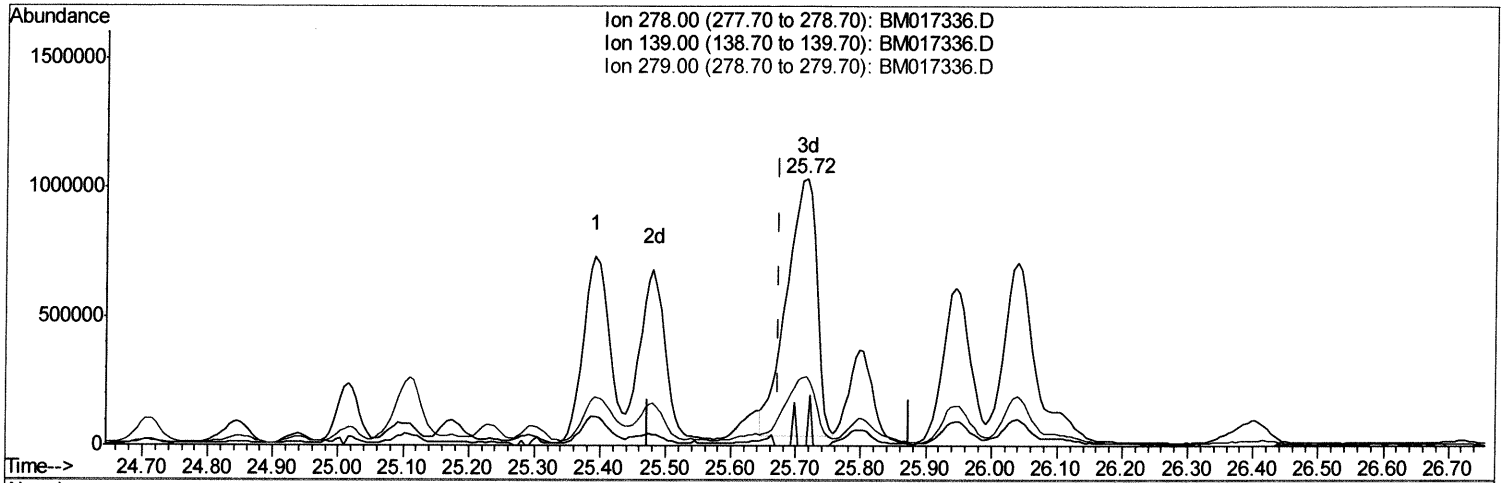
Data File : BM017336.D
Acq On : 25 Oct 2018 02:33
Operator : MJ/SJ
Sample : J5598-01
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleID :
C0AD8

Manual Integrations
APPROVED

Sohil
10/25/2018 3:34:28 PM

Quant Time: Oct 25 08:30:16 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102418MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 25 02:39:26 2018
Response via : Initial Calibration



(93) Dibenzo(a,h)anthracene

25.715min (+0.041) 28.28ng/ul m

response 3225136

Ion	Exp%	Act%
278.00	100	100
139.00	15.90	0.00#
279.00	23.70	25.76
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM102418\
Quantitation Report (Qedit)

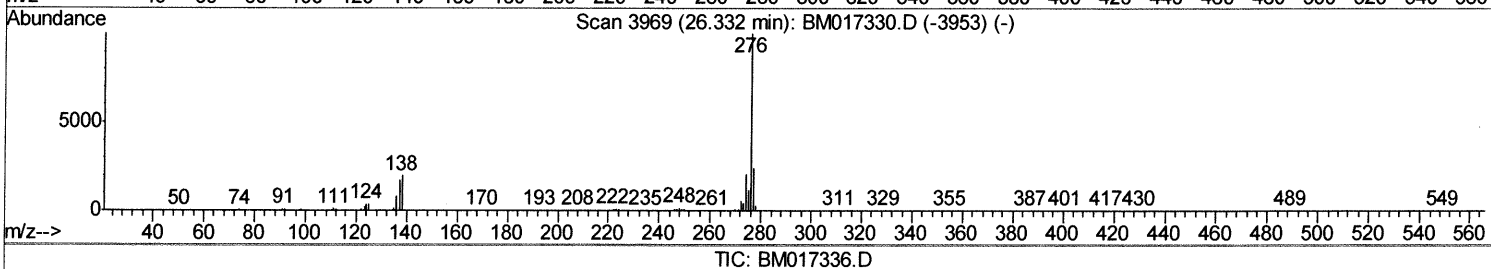
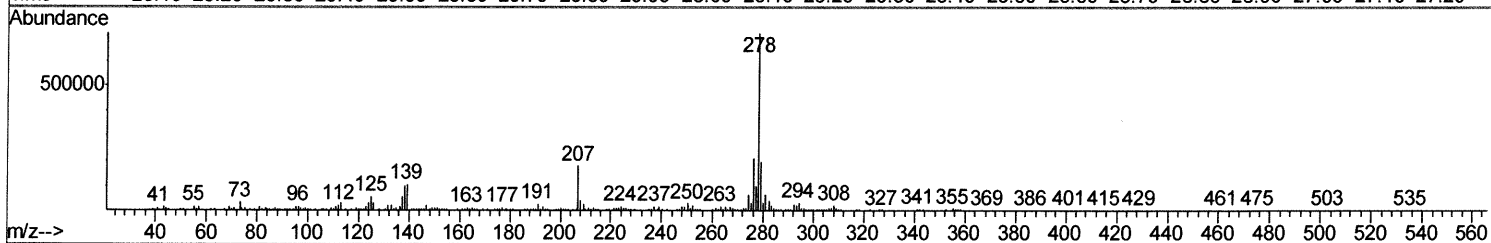
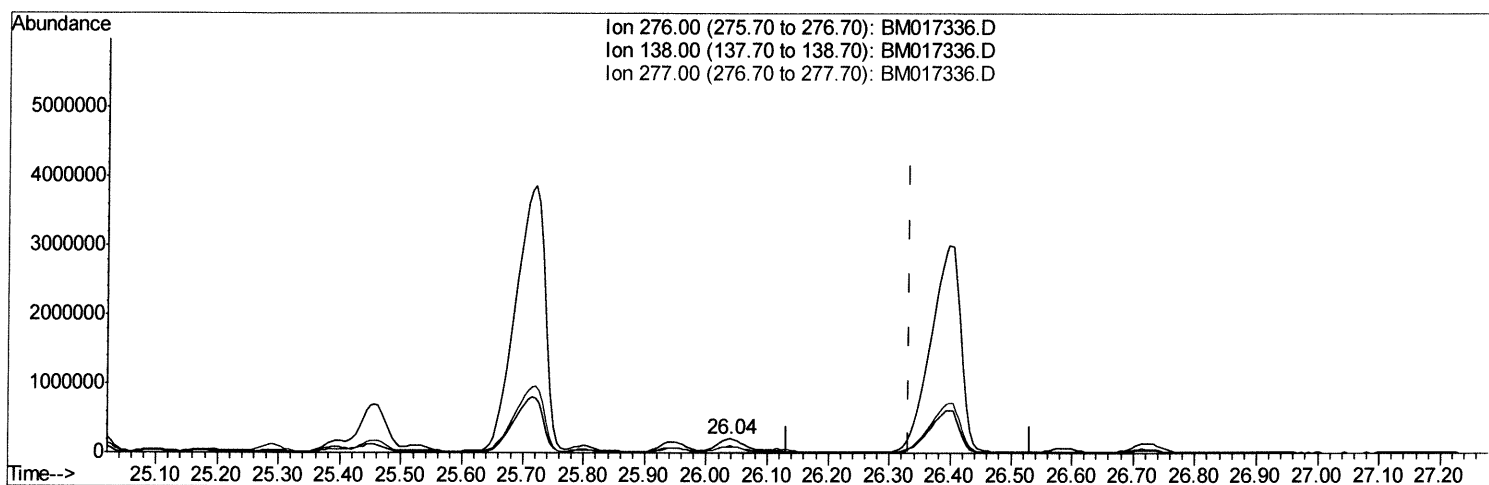
Data File : BM017336.D
Acq On : 25 Oct 2018 02:33
Operator : MJ/SJ
Sample : J5598-01
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AD8

Manual Integrations
APPROVED

Sohil
10/25/2018 3:34:28 PM

Quant Time: Oct 25 08:30:16 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102418MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 25 02:39:26 2018
Response via : Initial Calibration



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

26.039min (-0.294) 4.78ng/ul

response 554494

Ion	Exp%	Act%
276.00	100	100
138.00	20.80	47.52#
277.00	23.60	46.51#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM102418\
Quantitation Report (Qedit)

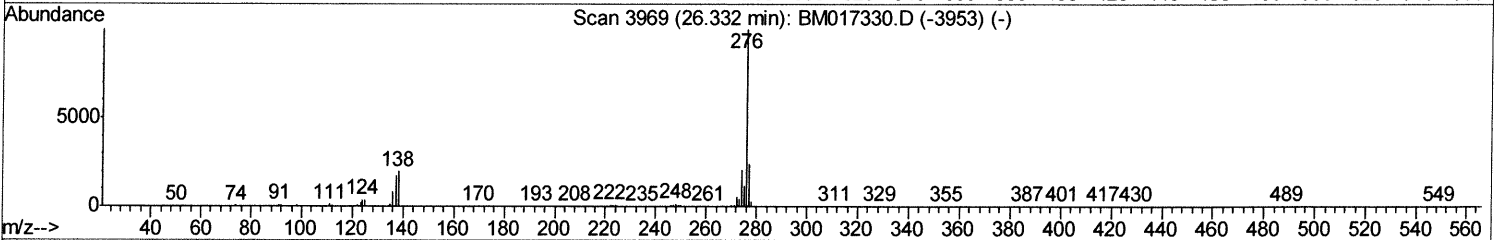
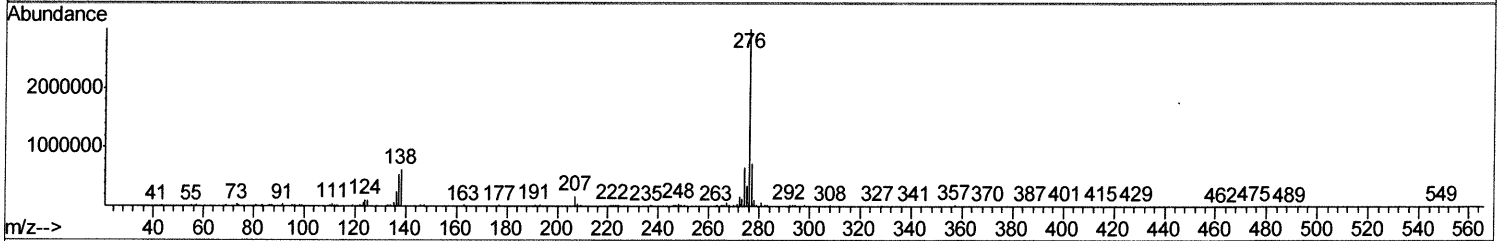
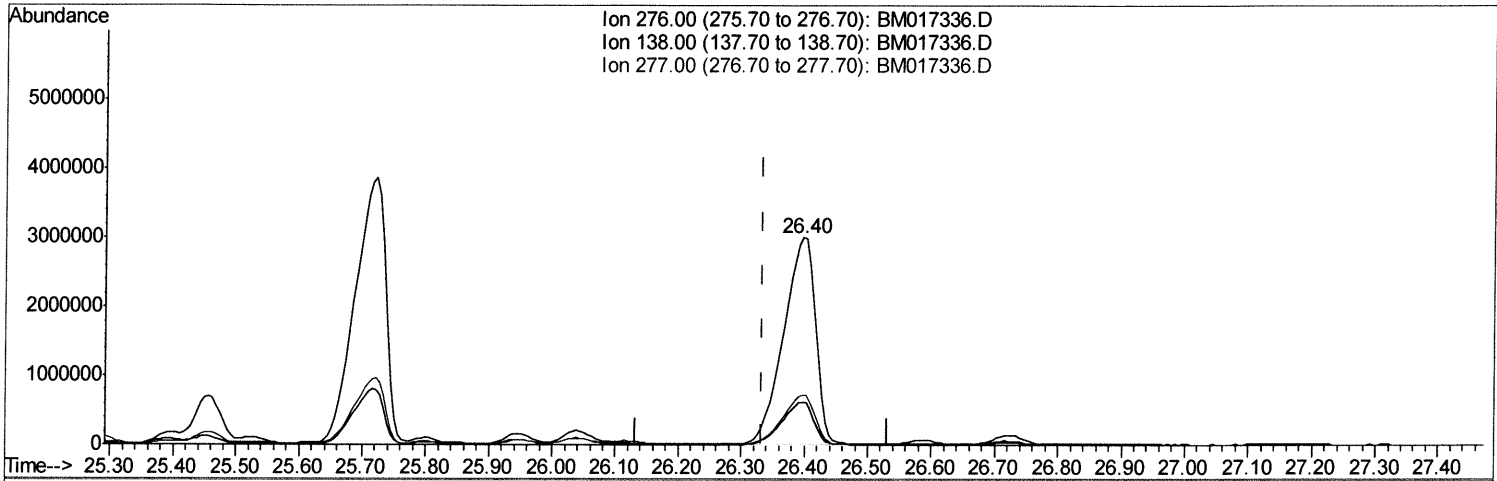
Data File : BM017336.D
Acq On : 25 Oct 2018 02:33
Operator : MJ/SJ
Sample : J5598-01
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AD8

Manual Integrations
APPROVED

Sohil
10/25/2018 3:34:28 PM

Quant Time: Oct 25 08:30:16 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102418MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 25 02:39:26 2018
Response via : Initial Calibration



TIC: BM017336.D

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

26.397min (+0.065) 91.91ng/ul m

response 10664123

Ion	Exp%	Act%
276.00	100	100
138.00	20.80	20.67
277.00	23.60	24.10
0.00	0.00	0.00

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Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM102418\
Quantitation Report (QT Reviewed)

Data File : BM017336.D
Acq On : 25 Oct 2018 02:33
Operator : MJ/SJ
Sample : J5598-01
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampled :
C0AD8

Manual Integrations
APPROVED

Sohil
10/25/2018 3:34:28 PM

Quant Time: Oct 25 08:32:15 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102418MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 25 02:39:26 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	371528	20.00	ng/ul	0.00
18) Naphthalene-d8	10.43	136	1652617	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.30	164	953576	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.05	188	2190721	20.00	ng/ul	0.00
78) Chrysene-d12	21.26	240	2166129	20.00	ng/ul	0.01
86) Perylene-d12	23.48	264	1963046m	20.00	ng/ul	0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.23	96	21378	2.65	ng/uL	0.00
5) Phenol-d5	6.83	99	573768	16.91	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	330216	16.68	ng/ul	0.00
9) 2-Chlorophenol-d4	7.19	132	472220	17.95	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	458108	17.07	ng/ul	0.00
19) Nitrobenzene-d5	8.80	128	234117	18.12	ng/ul	0.00
22) 2-Nitrophenol-d4	9.52	143	266993	18.43	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.06	165	480763	17.87	ng/ul	0.00
29) 4-Chloroaniline-d4	10.57	131	402723	18.34	ng/ul	0.00
44) Dimethylphthalate-d6	13.72	166	1467480	17.95	ng/ul	0.00
47) Acenaphthylene-d8	13.99	160	1856806	18.70	ng/ul	0.00
52) 4-Nitrophenol-d4	14.53	143	234649	15.36	ng/ul	0.01
58) Fluorene-d10	15.29	176	1307514	18.41	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.42	200	234509	15.36	ng/ul	0.00
71) Anthracene-d10	17.15	188	2045977	18.87	ng/ul	0.00
79) Pyrene-d10	19.45	212	2298026	22.90	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.34	264	1912545	18.45	ng/ul	0.03

Target Compounds

					Qvalue
6) Phenol	6.86	94	182470	5.415	ng/ul 96
28) Naphthalene	10.48	128	603570	6.981	ng/ul 100
34) 2-Methylnaphthalene	12.10	142	185587	2.921	ng/ul 100
45) Dimethylphthalate	13.76	163	376781	4.756	ng/ul 99
48) Acenaphthylene	14.02	152	2797332	30.019	ng/ul 99
50) Acenaphthene	14.36	153	103073	1.545	ng/ul 94
54) Dibenzofuran	14.70	168	527209	5.578	ng/ul 97
59) Fluorene	15.35	166	188997	2.426	ng/ul# 98
70) Phenanthrene	17.09	178	2158567	17.159	ng/ul 100
72) Anthracene	17.19	178	6043944	47.303	ng/ul 99
75) Carbazole	17.46	167	1398600	12.519	ng/ul 99
77) Fluoranthene	19.12	202	15503747m	107.517	ng/ul
80) Pyrene	19.49	202	18557566m	147.533	ng/ul
83) Benzo(a)anthracene	21.24	228	12786058	96.458	ng/ul# 89
85) Chrysene	21.30	228	16990504m	134.795	ng/ul
88) Benzo(b)fluoranthene	22.83	252	29554461m	257.201	ng/ul
89) Benzo(k)fluoranthene	22.87	252	10796723m	96.190	ng/ul
91) Benzo(a)pyrene	23.40	252	13565938m	120.846	ng/ul
92) Indeno(1,2,3-cd)pyrene	25.72	276	12856573m	94.128	ng/ul
93) Dibenzo(a,h)anthracene	25.72	278	3225136m	28.277	ng/ul
94) Benzo(g,h,i)perylene	26.40	276	10664123m	91.905	ng/ul

> 5/10/25/18

5/10/25/18

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM102418\
Quantitation Report (QT Reviewed)

Data File : BM017336.D
Acq On : 25 Oct 2018 02:33
Operator : MJ/SJ
Sample : J5598-01
Misc :
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Oct 25 08:32:15 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102418MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 25 02:39:26 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
BNA_M
ClientSampleId :
C0AD8

Manual Integrations
APPROVED

Sohil
10/25/2018 3:34:28 PM