

Instrument :
BNA_M
ClientSampleId :
F9A78ME

Sohil
12/19/2017 4:56:24 PM

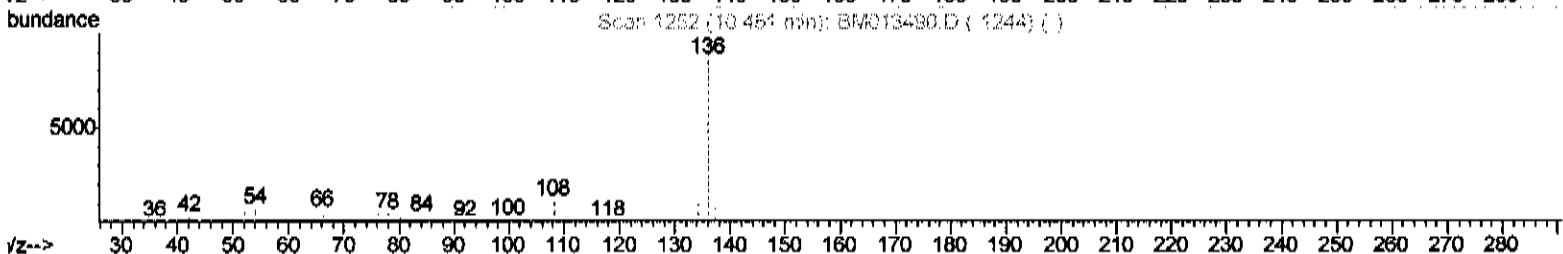
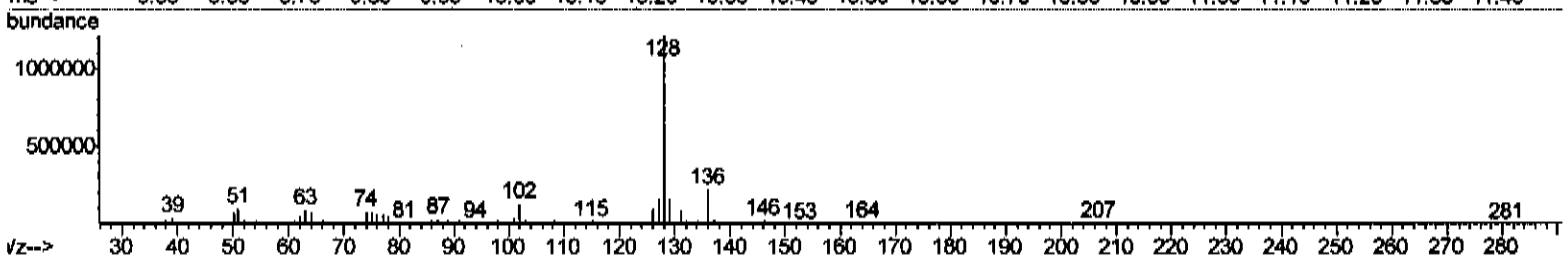
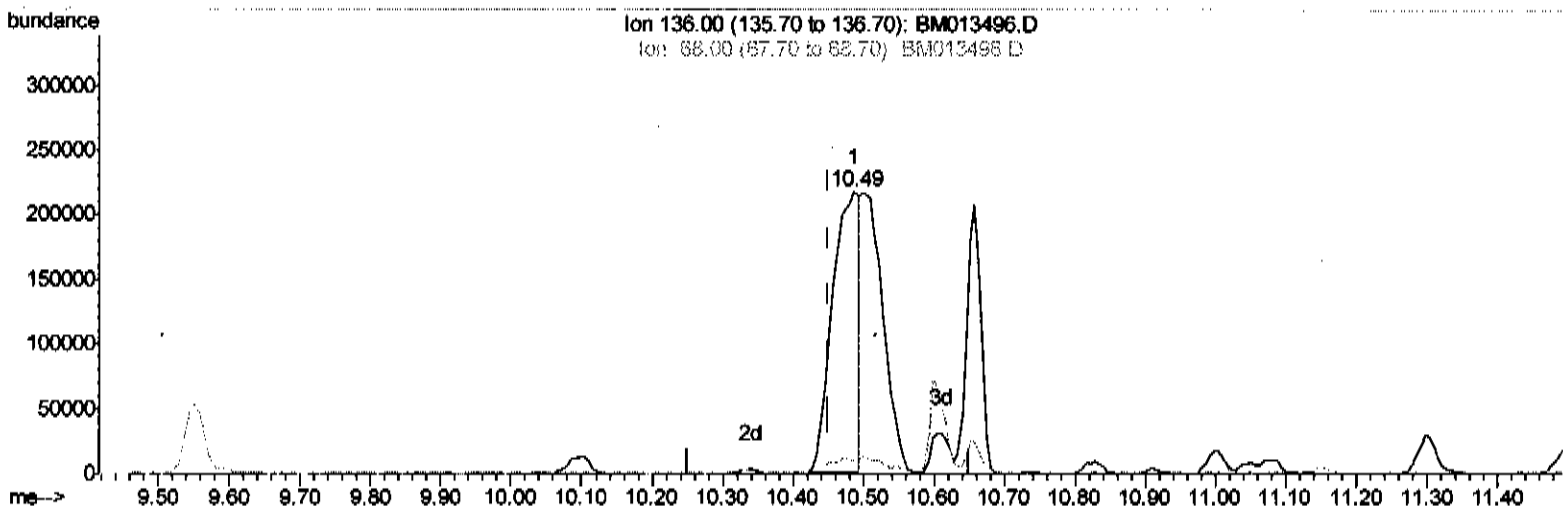
Data Path : Z:\HPCHEM1\BNA_M\Data\BM121817\
 Data File : BM013496.D
 Acq On : 18 Dec 2017 13:37
 Operator : SJ/JU
 Sample : I6778-13ME
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F9A78ME

Manual Integrations
 APPROVED

Sohil
 12/19/2017 4:56:24 PM

Quant Time: Dec 18 14:38:13 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Dec 18 14:36:05 2017
 Response via : Initial Calibration



TIC: BM013496.D

(18) Naphthalene-d8 (I)

10.487min (+0.035) 20.00ng/ul

response 562776

Ion	Exp%	Act%
136.00	100	100
68.00	4.70	5.24
0.00	0.00	0.00
0.00	0.00	0.00

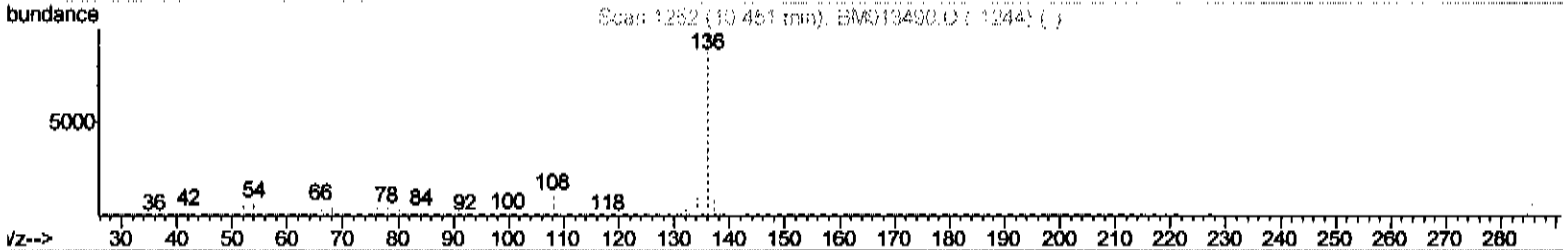
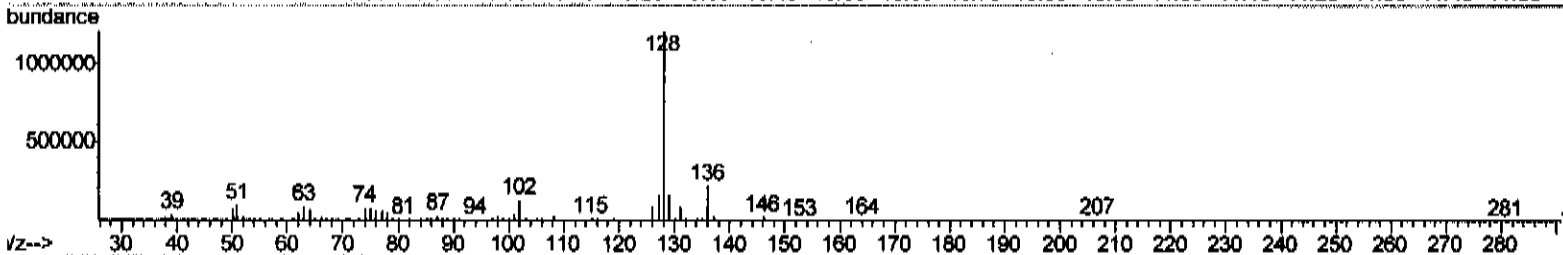
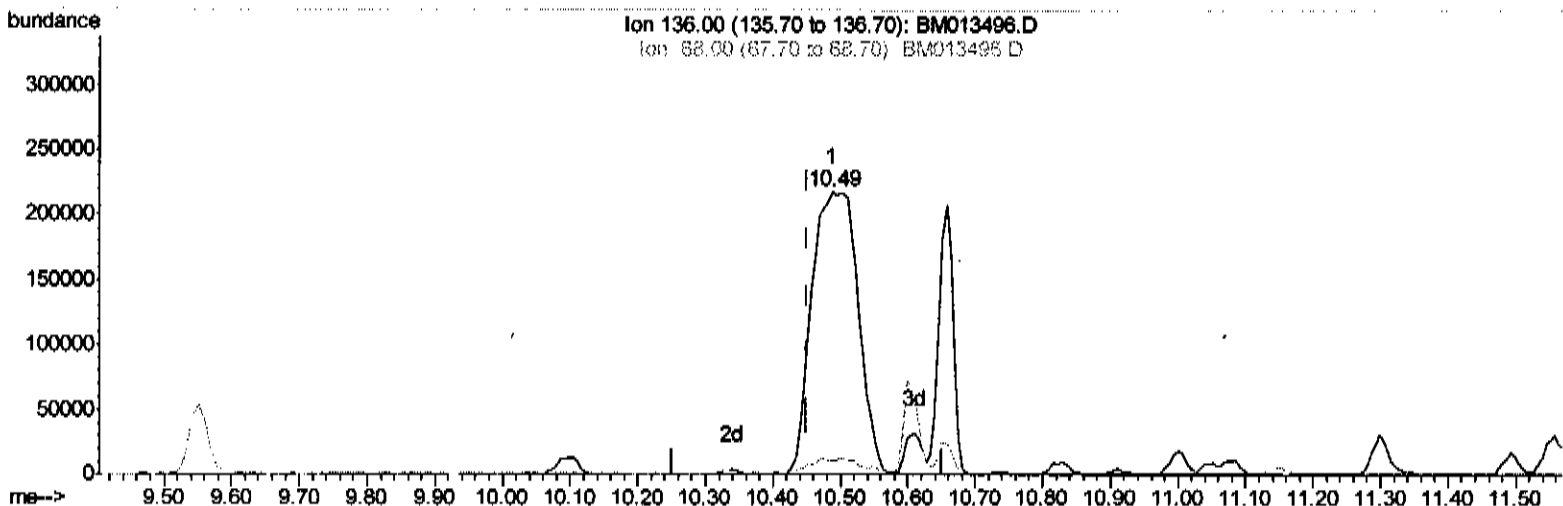
Data Path : 2:\HPCHEM1\BNA_M\Data\BM121817\
 Data File : BM013496.D
 Acq On : 18 Dec 2017 13:37
 Operator : SJ/JU
 Sample : I6778-13ME
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F9A78ME

Manual Integrations
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TIC: BM013496.D

(18) Naphthalene-d8 (I)

10.487min (+0.035) 20.00ng/ul m

SJ 12/19/17

response 1044910

Ion	Exp%	Act%
136.00	100	100
68.00	4.70	5.24
0.00	0.00	0.00
0.00	0.00	0.00

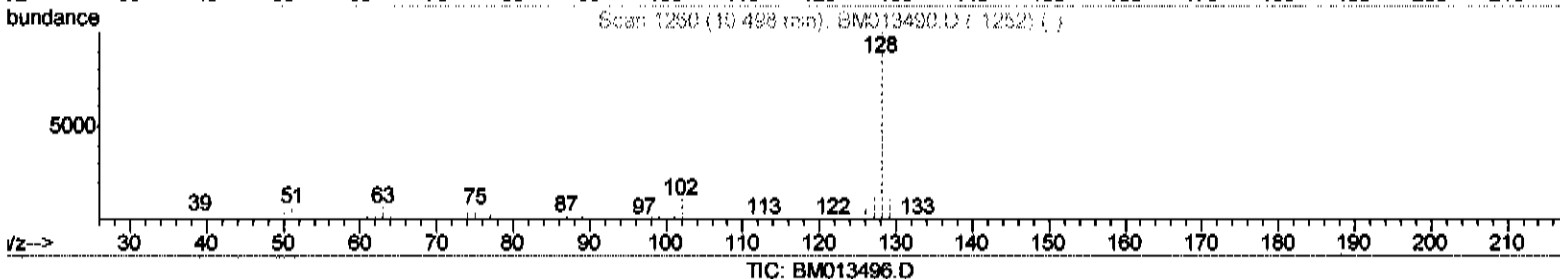
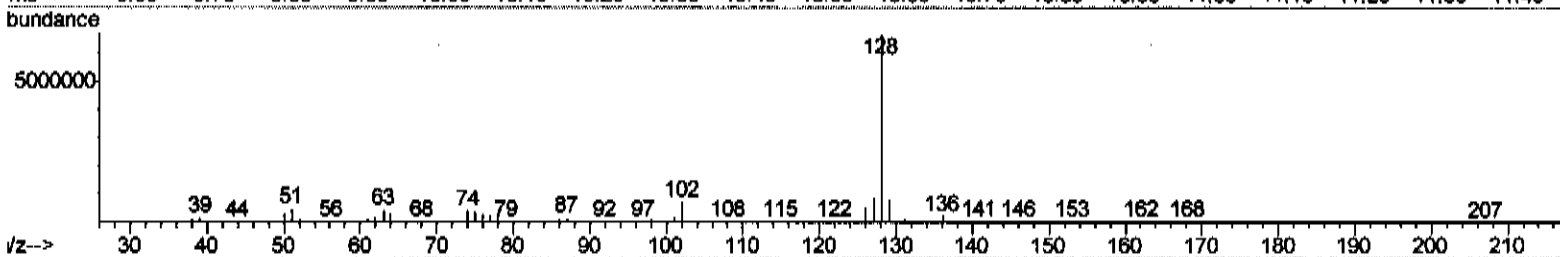
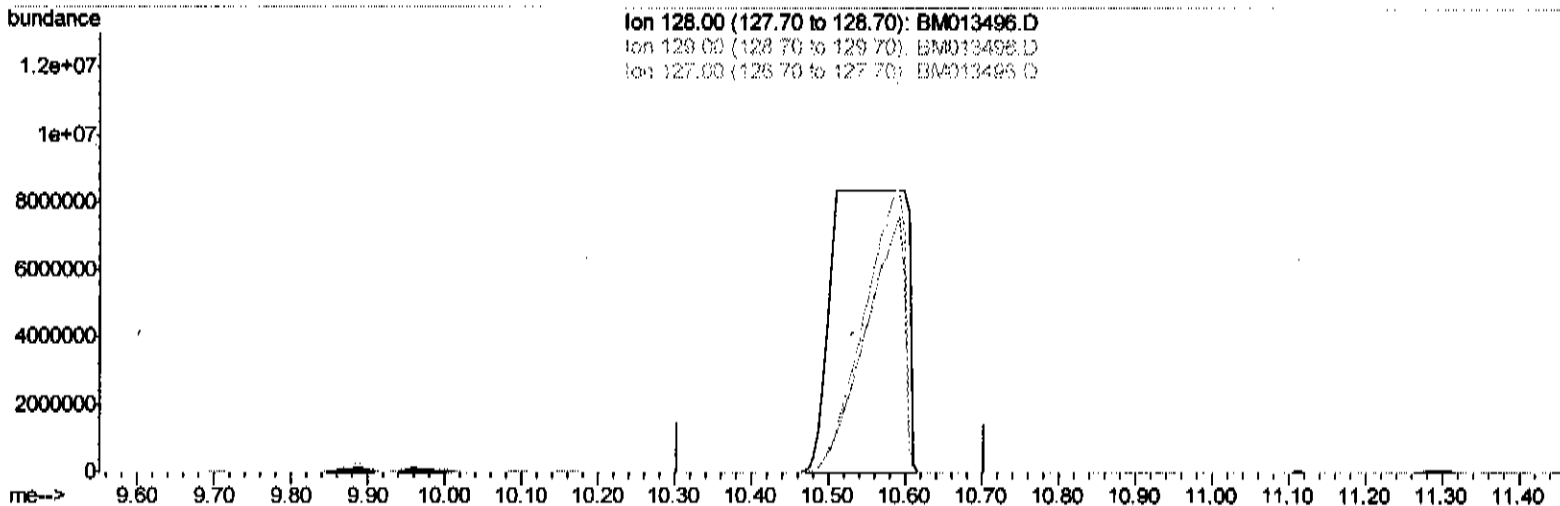
Data Path : Z:\HPCHEM1\BNA_M\Data\BM121817\
 Data File : BM013496.D
 Acq On : 18 Dec 2017 13:37
 Operator : SJ/JU
 Sample : I6778-13ME
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Manual Integrations
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(28) Naphthalene

10.504min (-10.504) 0.00ng/ul

response 0

Ion	Exp%	Act%
128.00	100	0.00
129.00	11.00	0.00#
127.00	13.30	0.00#
0.00	0.00	0.00

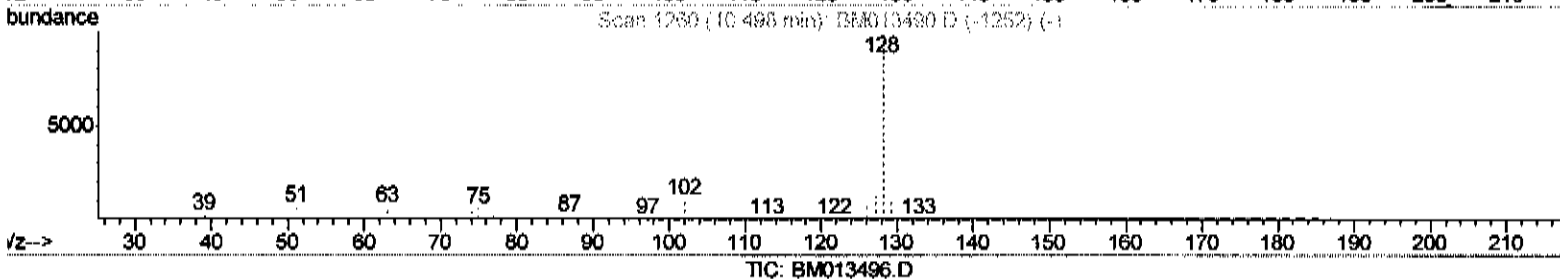
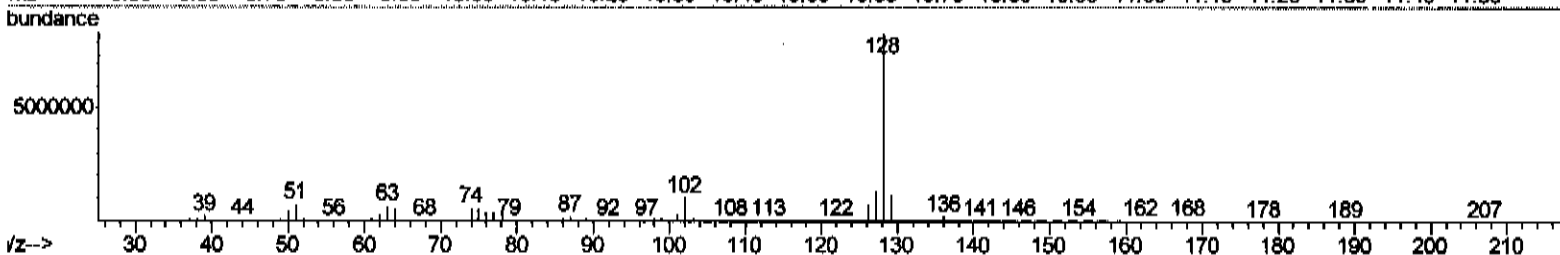
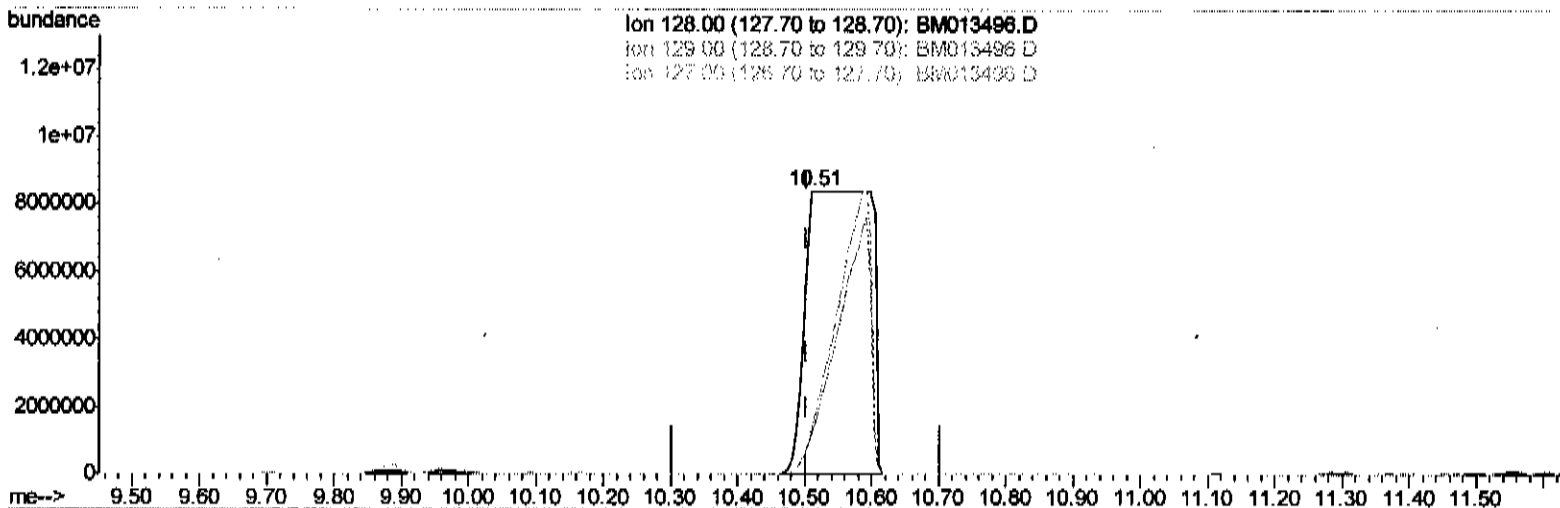
Data Path : Z:\HPCHEM1\BNA_M\Data\BM121817\
 Data File : BM013496.D
 Acq On : 18 Dec 2017 13:37
 Operator : SJ/JU
 Sample : I6778-13ME
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampled :
 F9A78ME

Manual Integrations
 APPROVED

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(28) Naphthalene

10.510min (+0.006) 1035.00ng/ul m

SJ 12/19/17

response 55640835

Ion	Exp%	Act%
128.00	100	100
129.00	11.00	13.75#
127.00	13.30	15.52
0.00	0.00	0.00

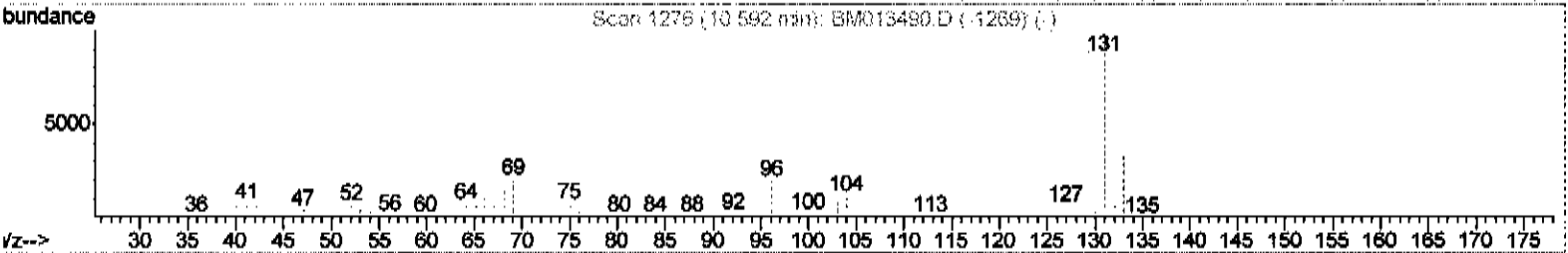
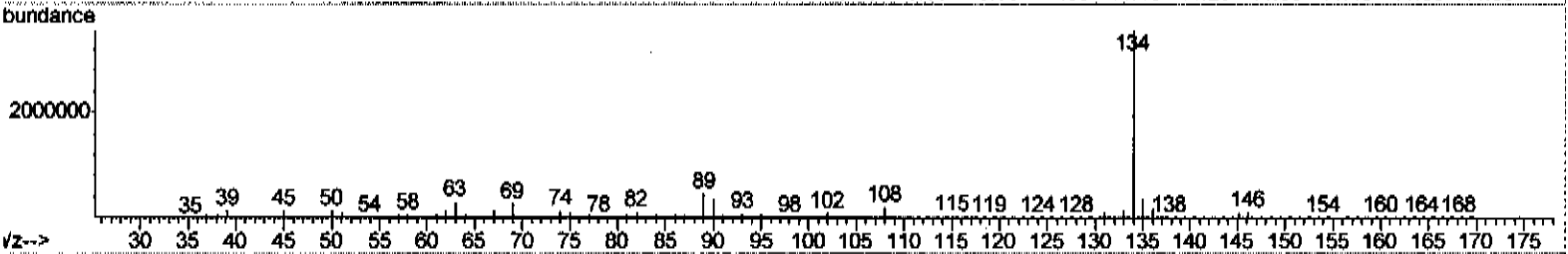
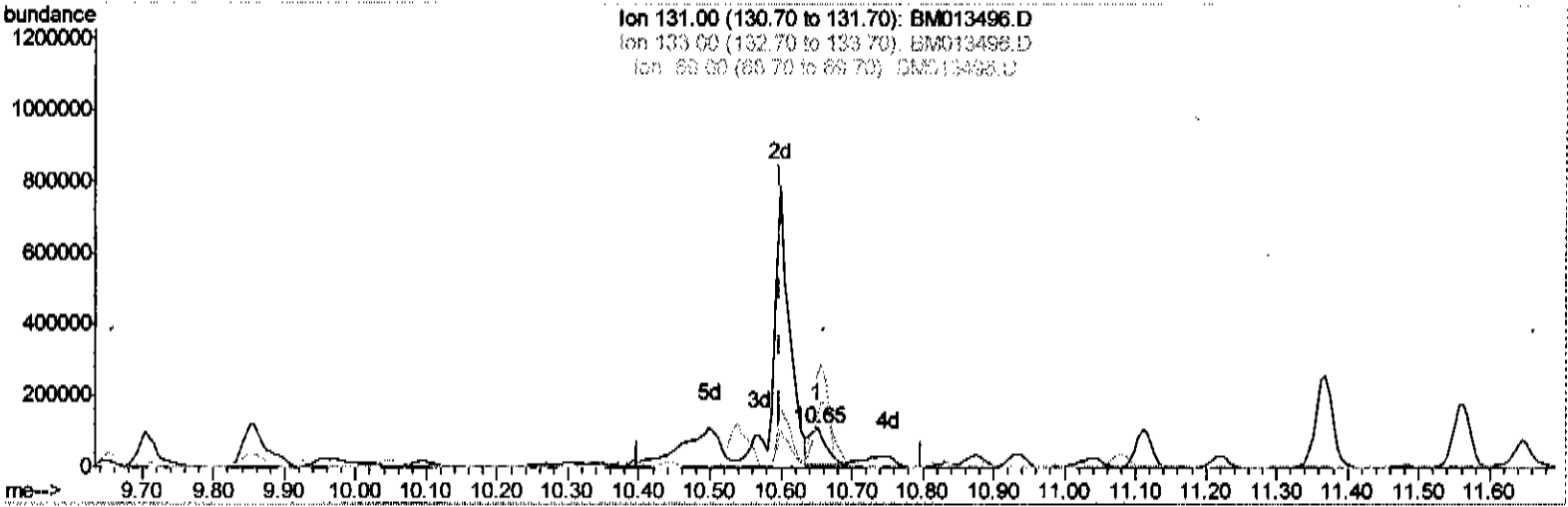
Data Path : Z:\HPCHEM1\BNA_M\Data\BM121817\
 Data File : BM013496.D
 Acq On : 18 Dec 2017 13:37
 Operator : SJ/JU
 Sample : I6778-13ME
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampled :
 F9A78ME

Manual Integrations
 APPROVED

Sohil
 12/19/2017 4:56:24 PM

Quant Time: Dec 18 17:16:31 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Dec 18 14:36:05 2017
 Response via : Initial Calibration



TIC: BM013496.D

(29) 4-Chloroaniline-d4 (S)

10.651min (+0.053) 10.13ng/ul

response 170151

Ion	Exp%	Act%
131.00	100	100
133.00	31.40	134.57#
69.00	24.30	237.84#
0.00	0.00	0.00

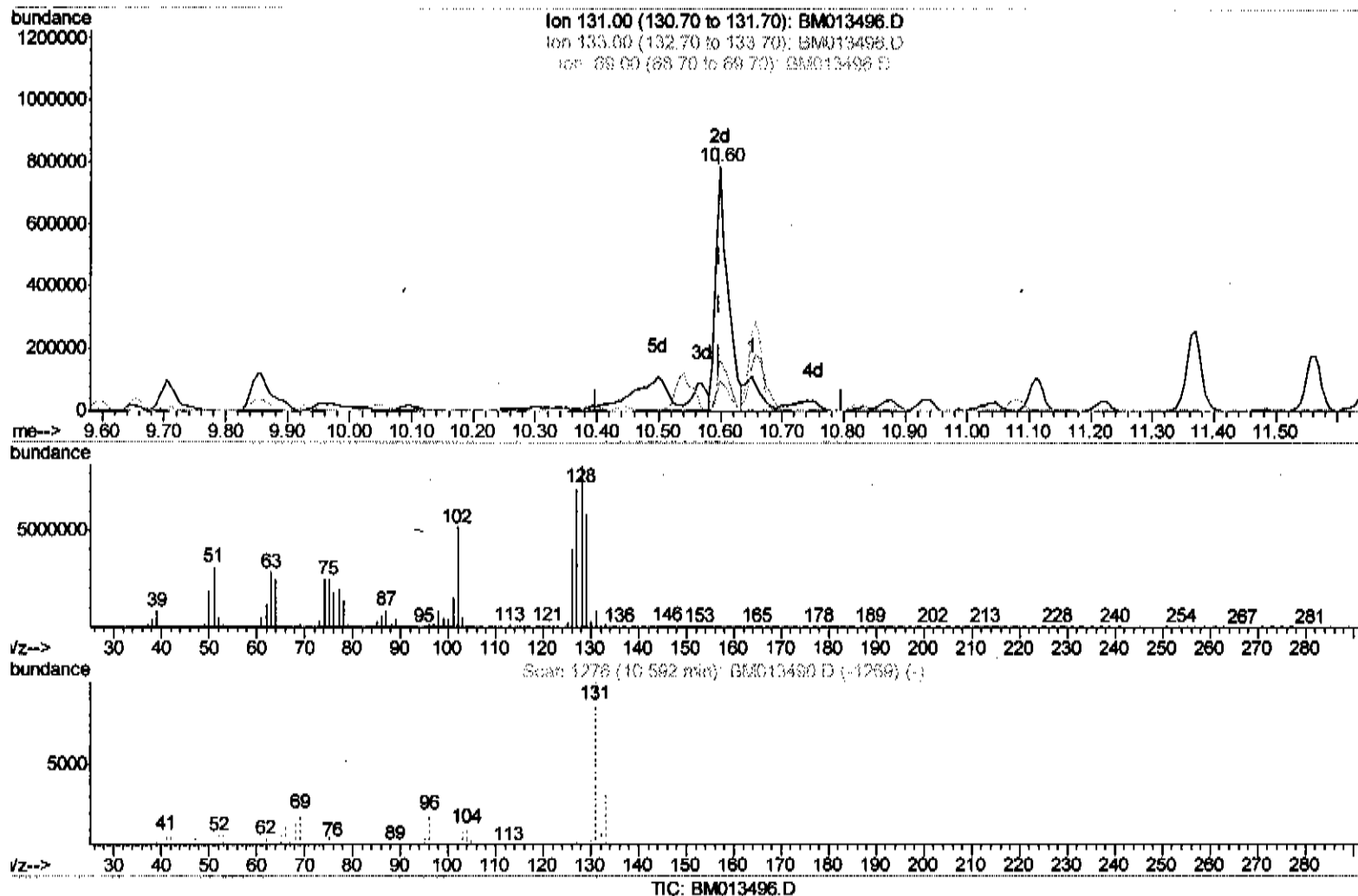
Data Path : Z:\HPCHEM1\BNA_M\Data\BM121817\
 Data File : BM013496.D
 Acq On : 18 Dec 2017 13:37
 Operator : SJ/JU
 Sample : I6778-13ME
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampled :
 F9A78ME

Manual Integrations
 APPROVED

Sohil
 12/19/2017 4:56:24 PM

Quant Time: Dec 18 17:16:31 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Dec 18 14:36:05 2017
 Response via : Initial Calibration



(29) 4-Chloroaniline-d4 (S)

10.598min (+0.000) 64.43ng/ul m

response 1082296

Ion	Exp%	Act%
131.00	100	100
133.00	31.40	21.00#
69.00	24.30	12.61#
0.00	0.00	0.00

SJ 12/19/17

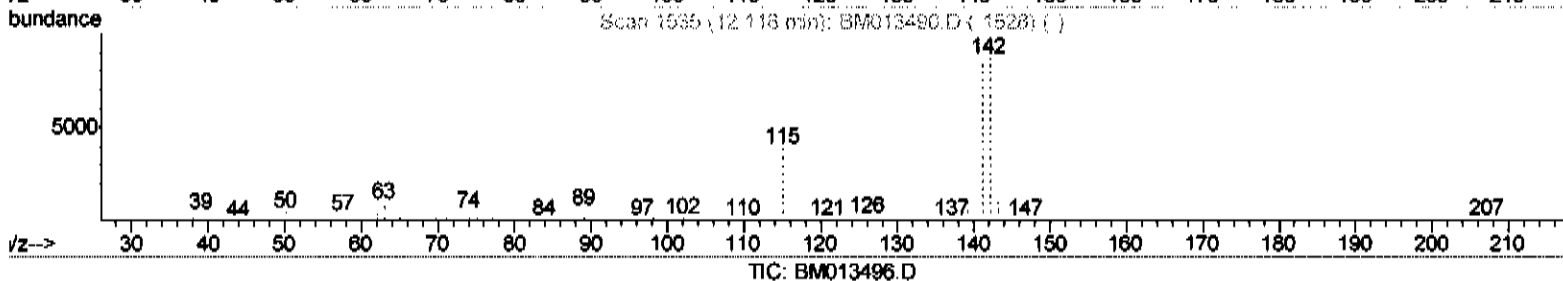
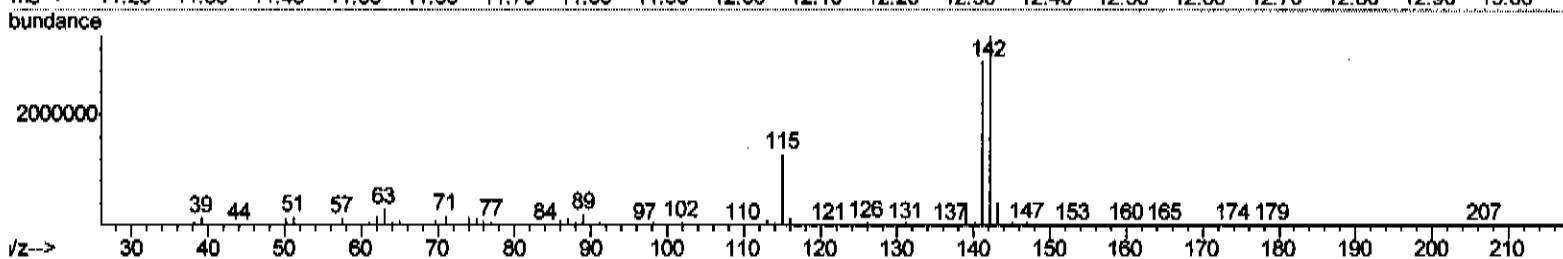
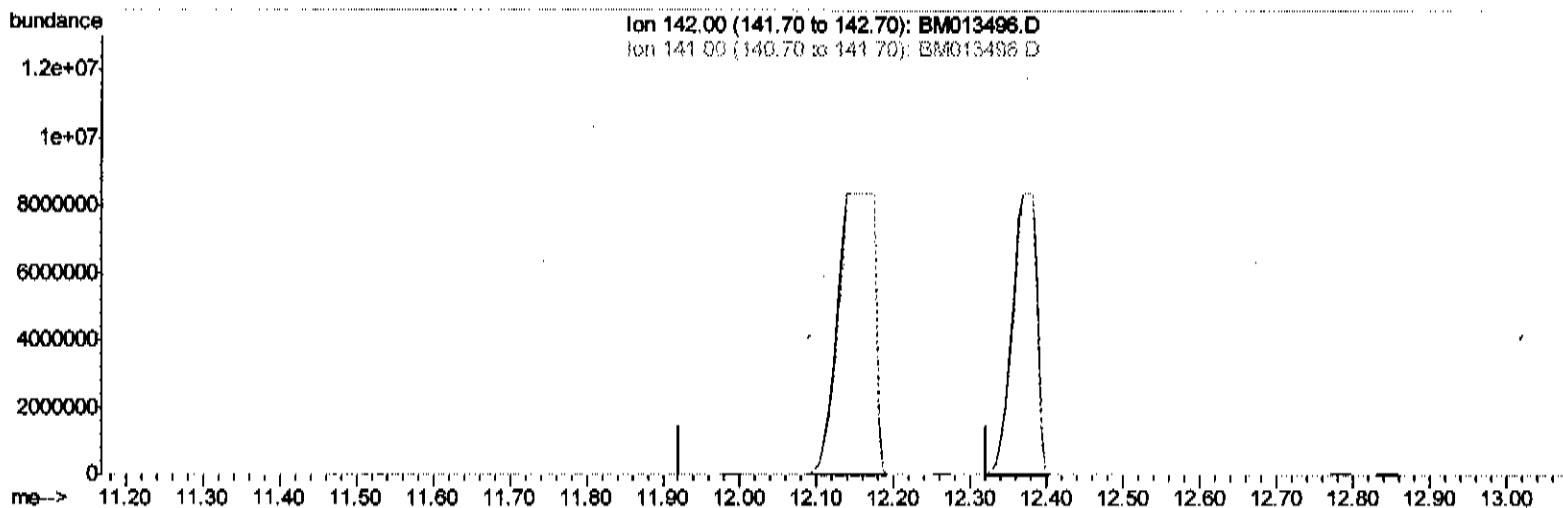
Data Path : Z:\HPCHEM1\BNA_M\Data\BM121817\
 Data File : BM013496.D
 Acq On : 18 Dec 2017 13:37
 Operator : SJ/JU
 Sample : I6778-13ME
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F9A78ME

Manual Integrations
 APPROVED

Sohil
 12/19/2017 4:56:24 PM

Quant Time: Dec 18 17:17:55 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
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(34) 2-Methylnaphthalene

12.122min (-12.122) 0.00ng/ui

response 0

Ion	Exp%	Act%
142.00	100	0.00
141.00	92.60	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

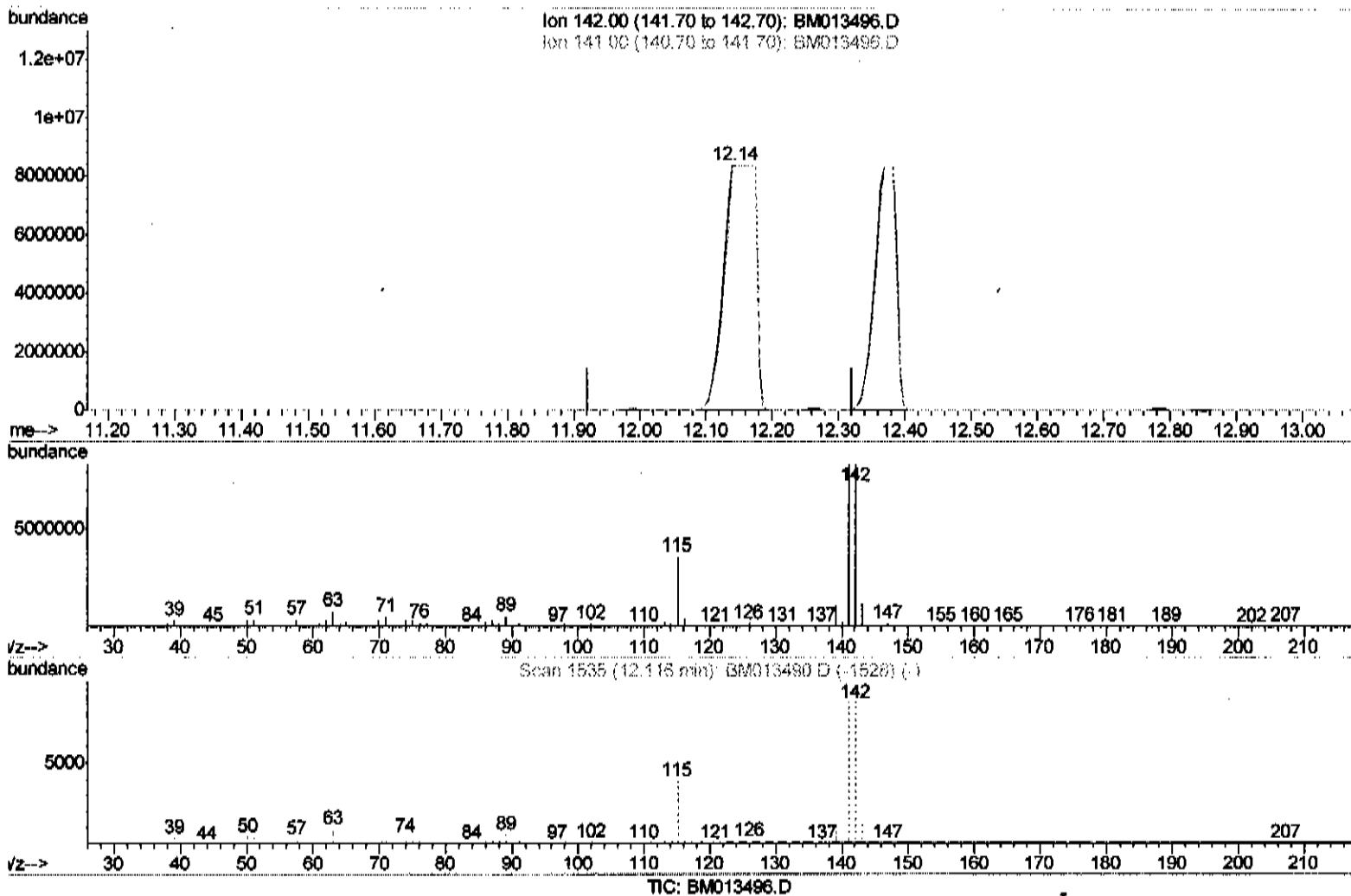
Data Path : Z:\HPCHEM1\BNA_M\Data\BM121817\
 Data File : BM013496.D
 Acq On : 18 Dec 2017 13:37
 Operator : SJ/JU
 Sample : I6778-13ME
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F9A78ME

Manual Integrations
 APPROVED

Sohil
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 Response via : Initial Calibration



(34) 2-Methylnaphthalene

12.139min (+0.018) 695.59ng/ul m

SO 12/19/17

response 28110482

Ion	Exp%	Act%
142.00	100	100
141.00	92.60	99.59
0.00	0.00	0.00
0.00	0.00	0.00

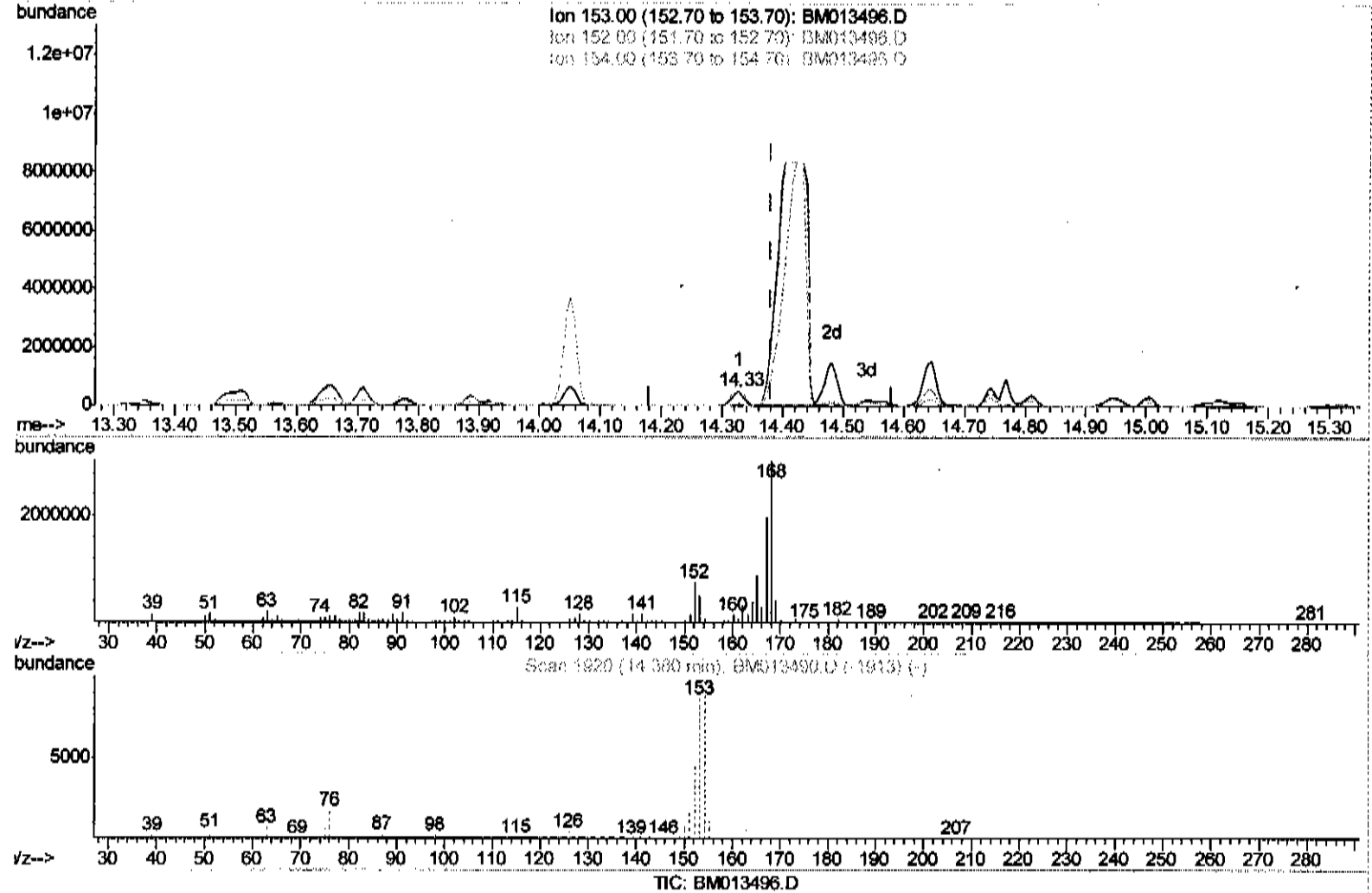
Data Path : Z:\HPCHEM1\BNA_M\Data\BM121817\
 Data File : BM013496.D
 Acq On : 18 Dec 2017 13:37
 Operator : SJ/JU
 Sample : I6778-13ME
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampled :
 F9A78ME

Manual Integrations
 APPROVED

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(49) Acenaphthene (C)

14.328min (-0.053) 14.67ng/ul

response 707804

Ion	Exp%	Act%
153.00	100	100
152.00	47.00	147.21#
154.00	88.00	12.16#
0.00	0.00	0.00

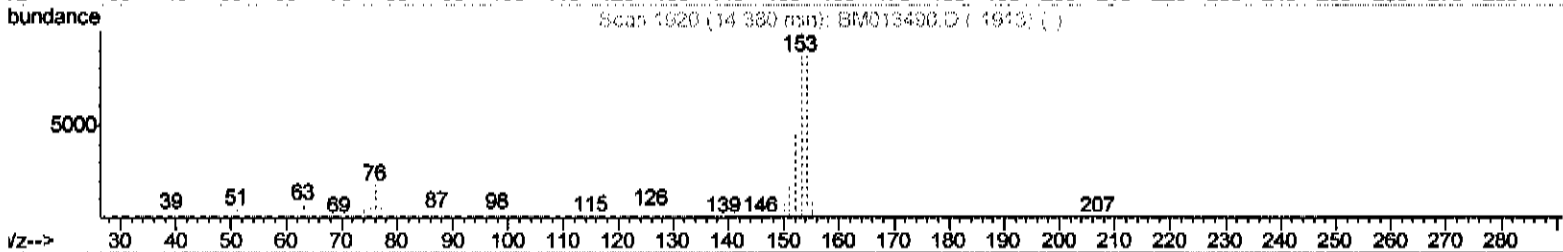
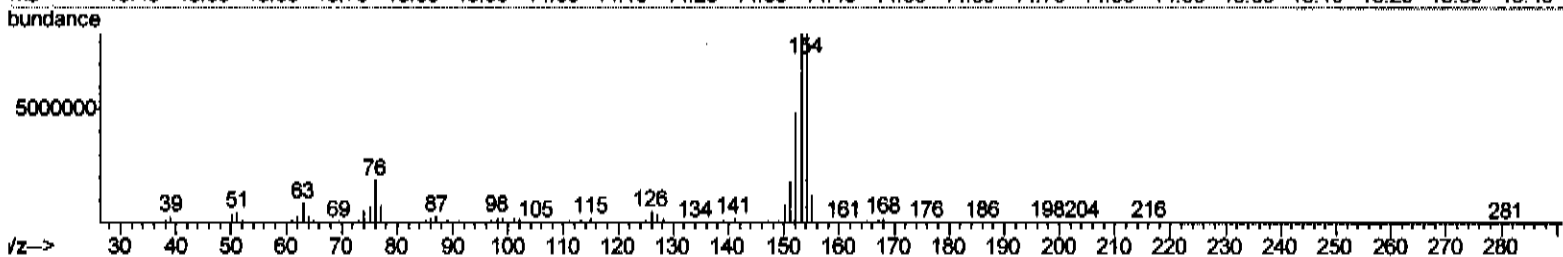
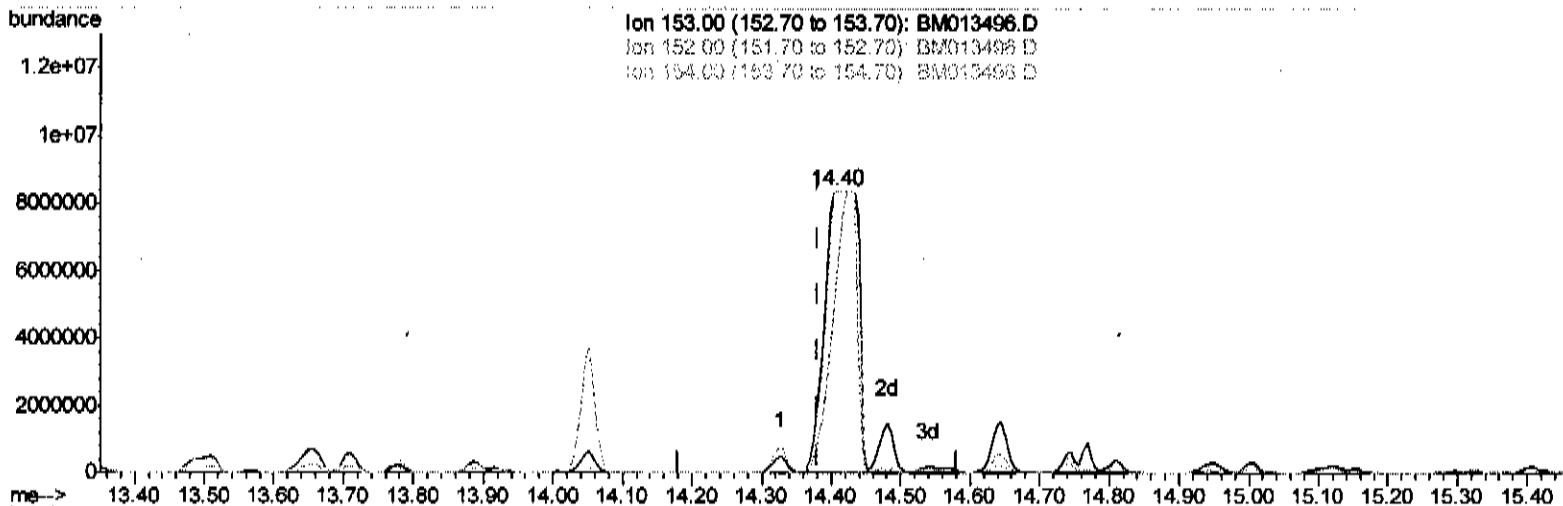
Data Path : Z:\HPCHEM1\BNA_M\Data\BM121817\
 Data File : BM013496.D
 Acq On : 18 Dec 2017 13:37
 Operator : SJ/JU
 Sample : I6778-13ME
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F9A78ME

Manual Integrations
 APPROVED

Sohil
 12/19/2017 4:56:24 PM

Quant Time: Dec 18 17:17:55 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
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 Response via : Initial Calibration



TIC: BM013496.D

(49) Acenaphthene (C)

14.404min (+0.024) 576.76ng/ul m

SJ 12/19/17

response 27836036

Ion	Exp%	Act%
153.00	100	100
152.00	47.00	58.51#
154.00	88.00	100.00
0.00	0.00	0.00

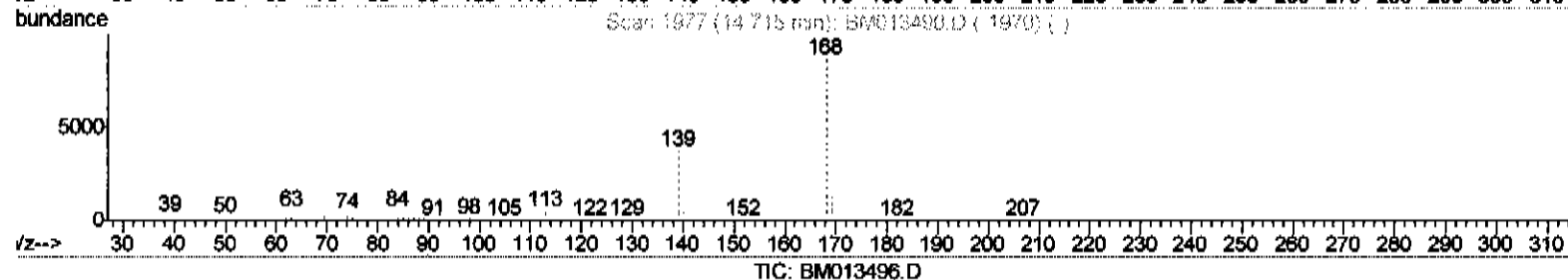
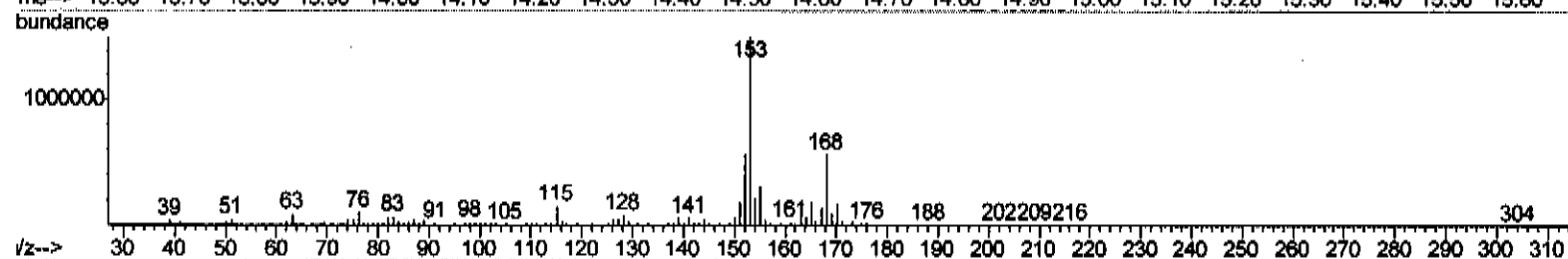
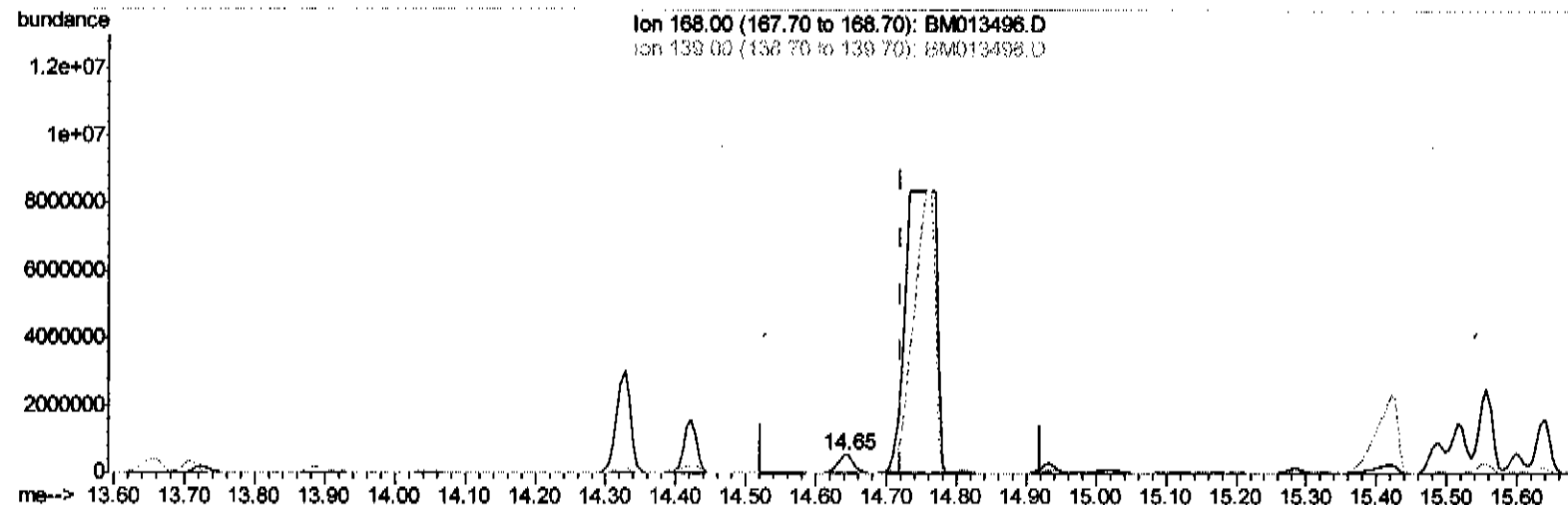
Data Path : Z:\HPCHEM1\BNA_M\Data\BM121817\
 Data File : BM013496.D
 Acq On : 18 Dec 2017 13:37
 Operator : SJ/JU
 Sample : I6778-13ME
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampled :
 F9A78ME

Manual Integrations
 APPROVED

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(53) Dibenzofuran

14.645min (-0.076) 12.34ng/ul

response 879275

Ion	Exp%	Act%
168.00	100	100
139.00	38.50	10.74#
0.00	0.00	0.00
0.00	0.00	0.00

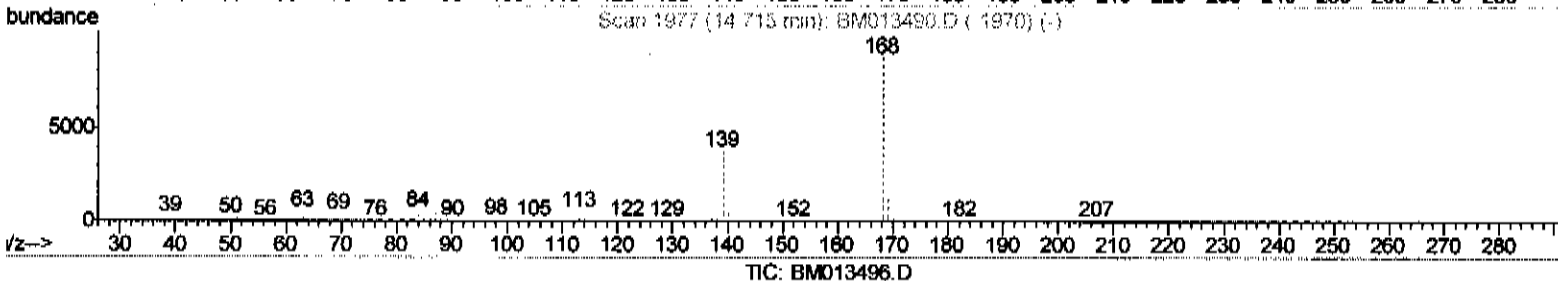
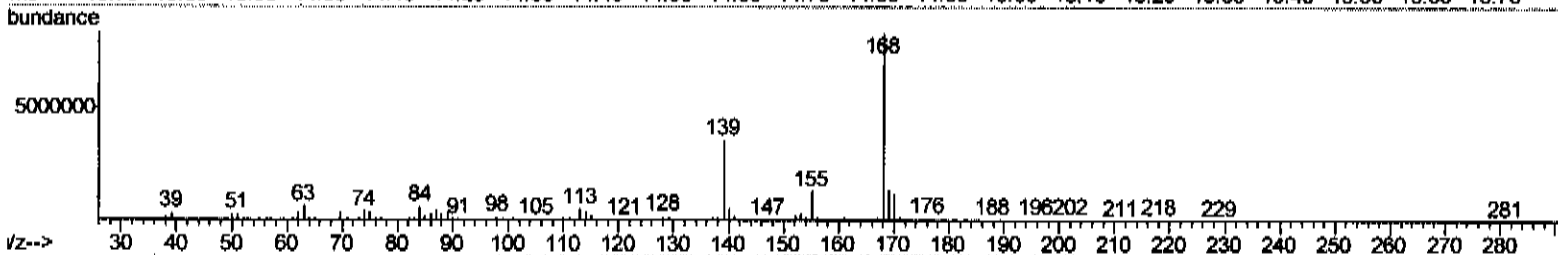
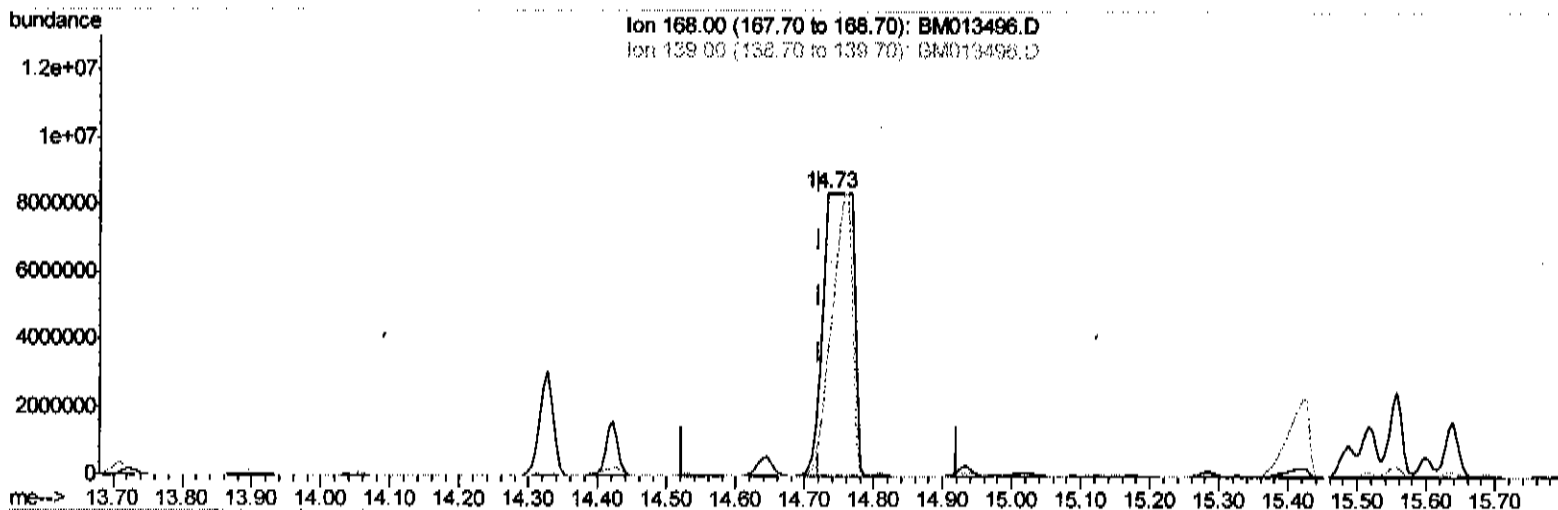
Data Path : Z:\HPCHEM1\BNA_M\Data\BM121817\
 Data File : BM013496.D
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 Sample : I6778-13ME
 Misc :
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Instrument :
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Manual Integrations
 APPROVED

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 Response via : Initial Calibration



(53) Dibenzofuran

14.733min (+0.012) 361.39ng/ul m

SJ 12/19/17

response 25748885

Ion	Exp%	Act%
168.00	100	100
139.00	38.50	42.62
0.00	0.00	0.00
0.00	0.00	0.00

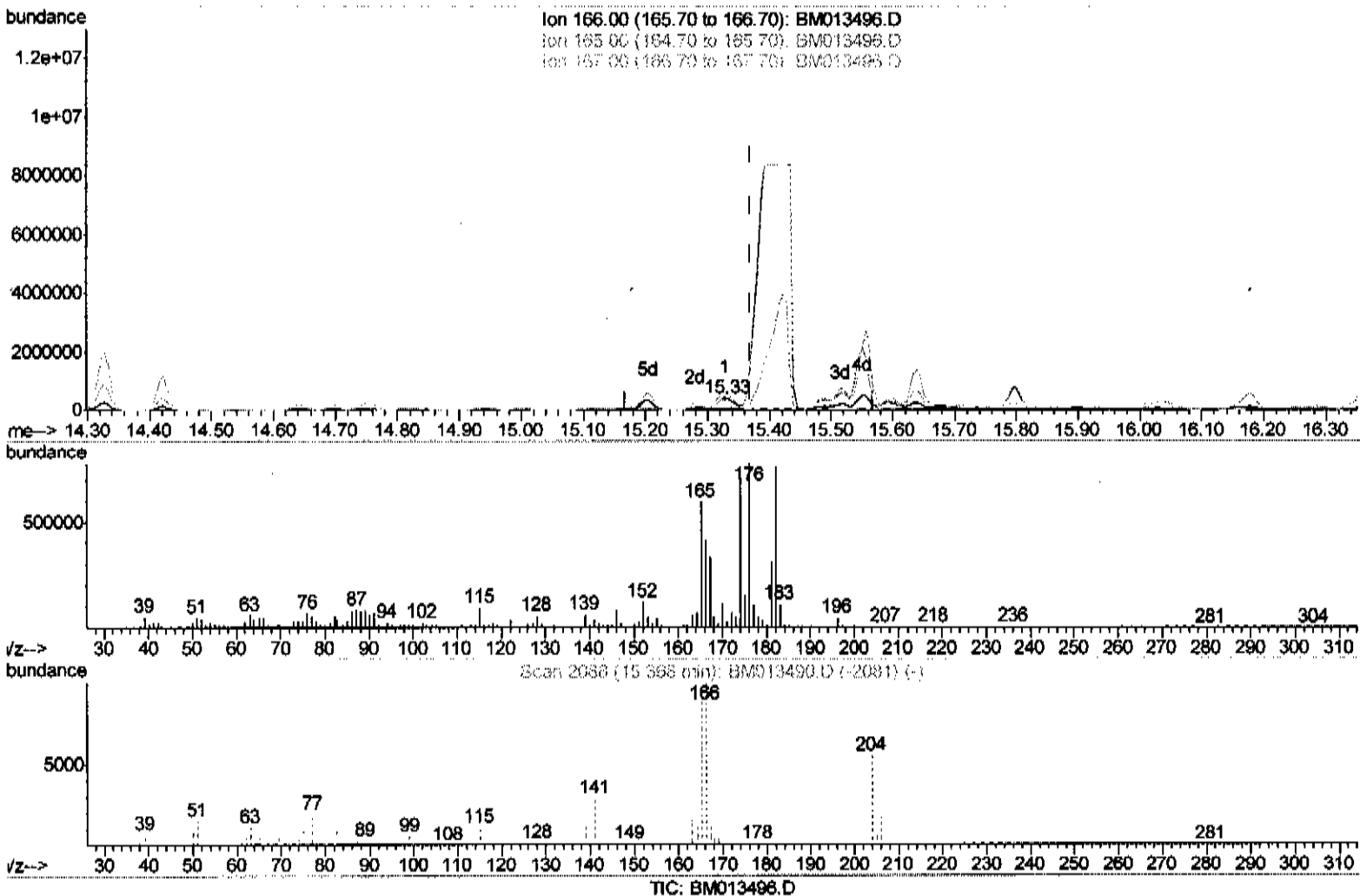
Data Path : Z:\HPCHEM1\BNA_M\Data\BM121817\
 Data File : BM013496.D
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 Sample : I6778-13ME
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Manual Integrations
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 Response via : Initial Calibration



(58) Fluorene

15.327min (-0.041) 10.77ng/ul

response 634808

Ion	Exp%	Act%
166.00	100	100
165.00	97.40	146.29#
167.00	13.30	80.93#
0.00	0.00	0.00

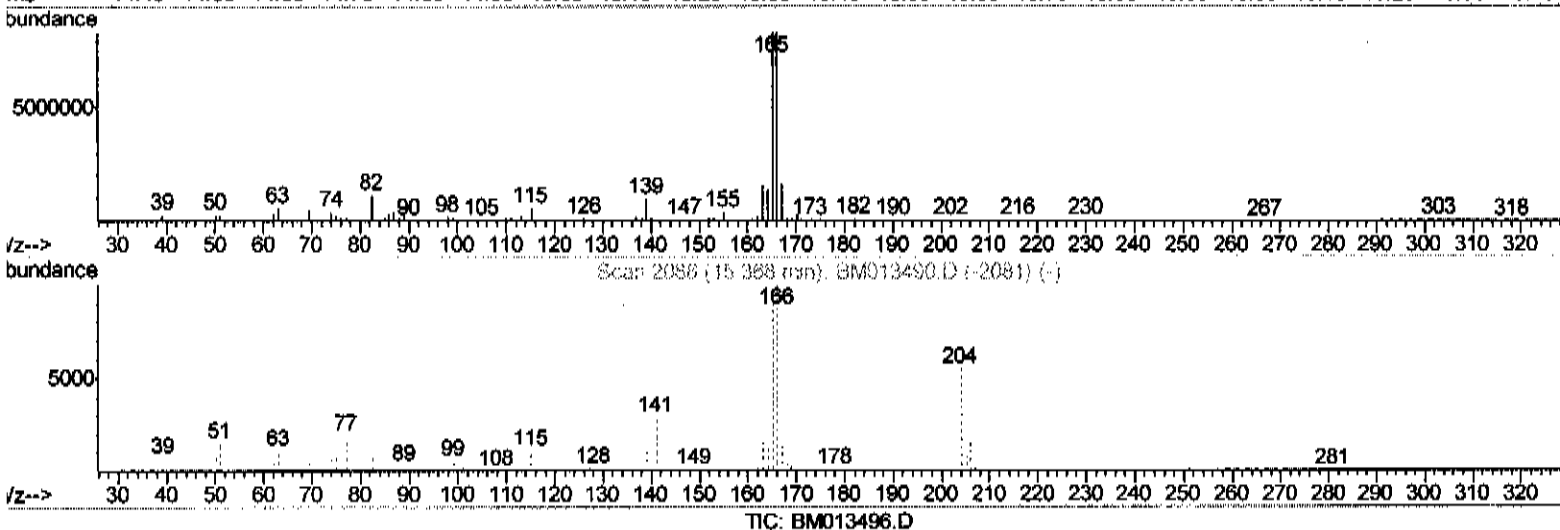
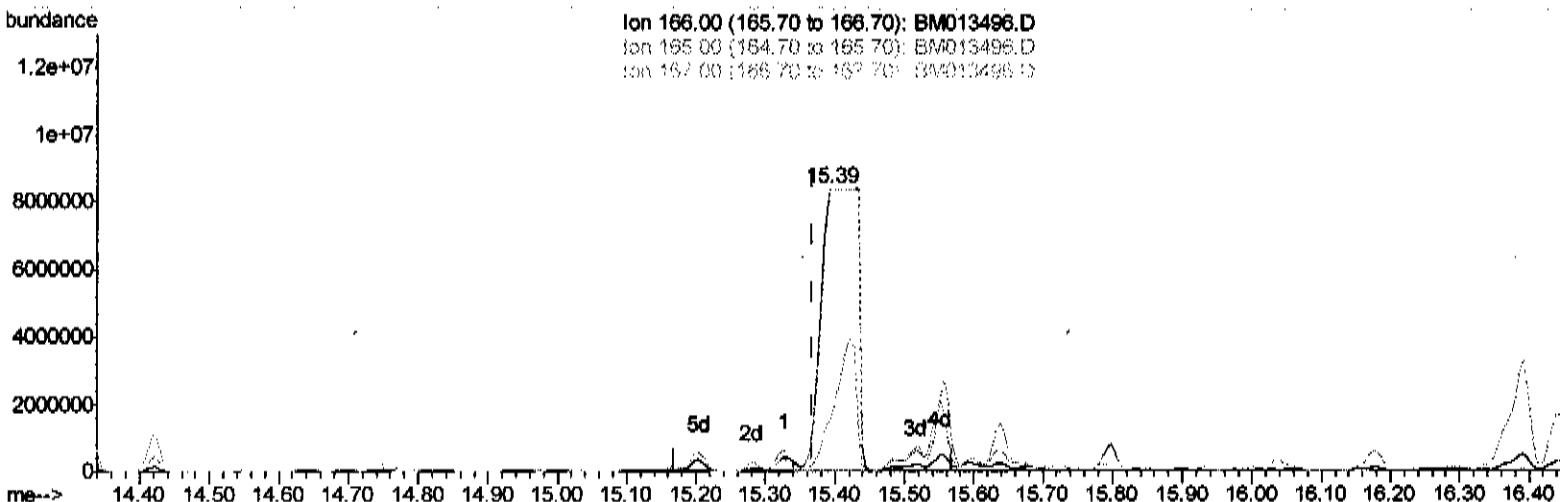
Data Path : Z:\HPCHEM1\BNA_M\Data\BM121817\
 Data File : BM013496.D
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 Sample : I6778-13ME
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Manual Integrations
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 Response via : Initial Calibration



(58) Fluorene

15.392min (+0.024) 512.06ng/ul m

60 12/19/17

response 30181934

Ion	Exp%	Act%
166.00	100	100
165.00	97.40	100.00
167.00	13.30	19.09#
0.00	0.00	0.00

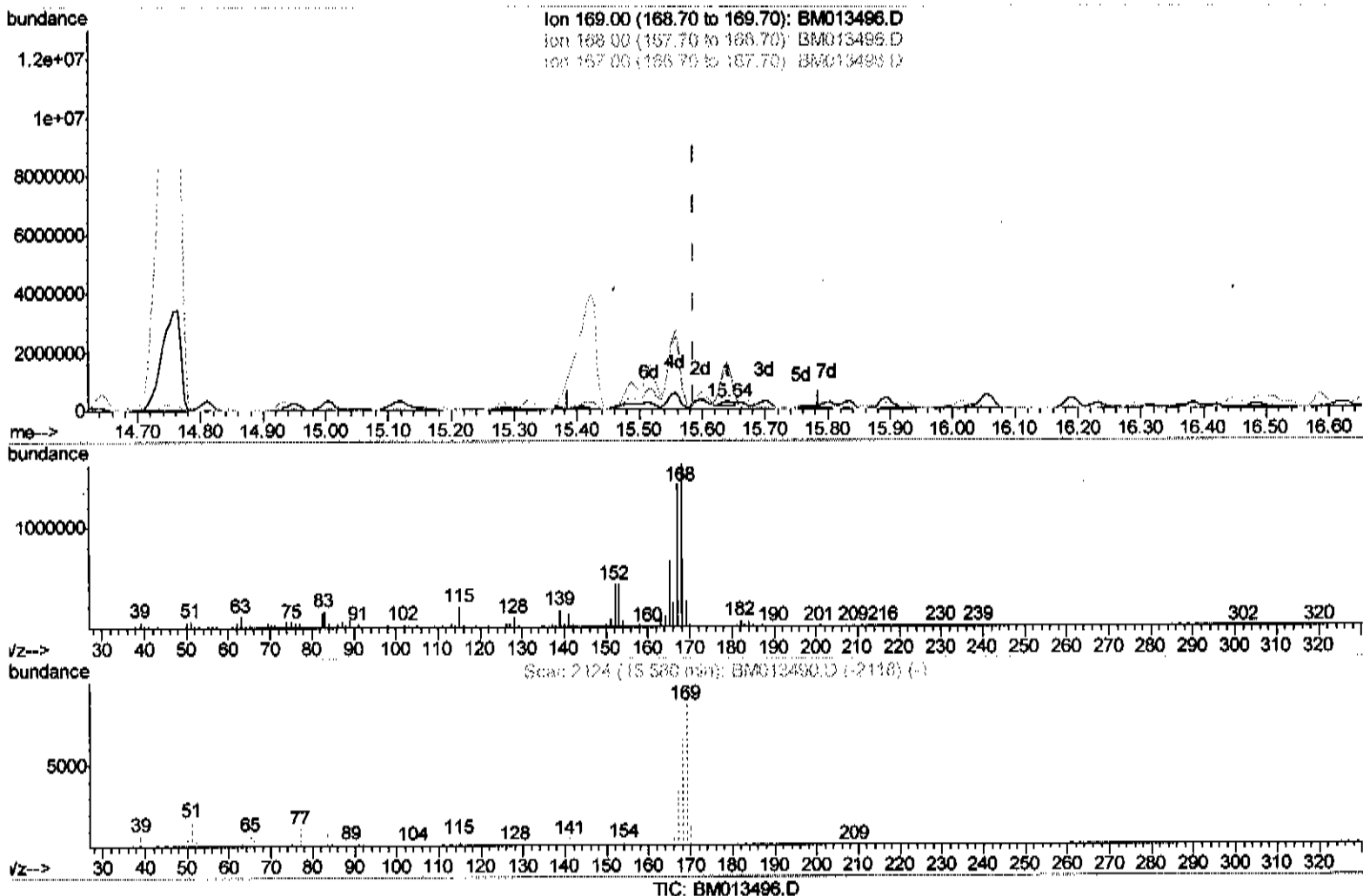
Data Path : Z:\HPCHEM1\BNA_M\Data\BM121817\
 Data File : BM013496.D
 Acq On : 18 Dec 2017 13:37
 Operator : SJ/JU
 Sample : I6778-13ME
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Manual Integrations
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Quant Time: Dec 18 17:17:55 2017
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 Response via : Initial Calibration



(64) N-Nitrosodiphenylamine

15.639min (+0.053) 4.17ng/ul

response 156587

Ion	Exp%	Act%
169.00	100	100
168.00	67.50	640.56#
167.00	38.40	560.95#
0.00	0.00	0.00

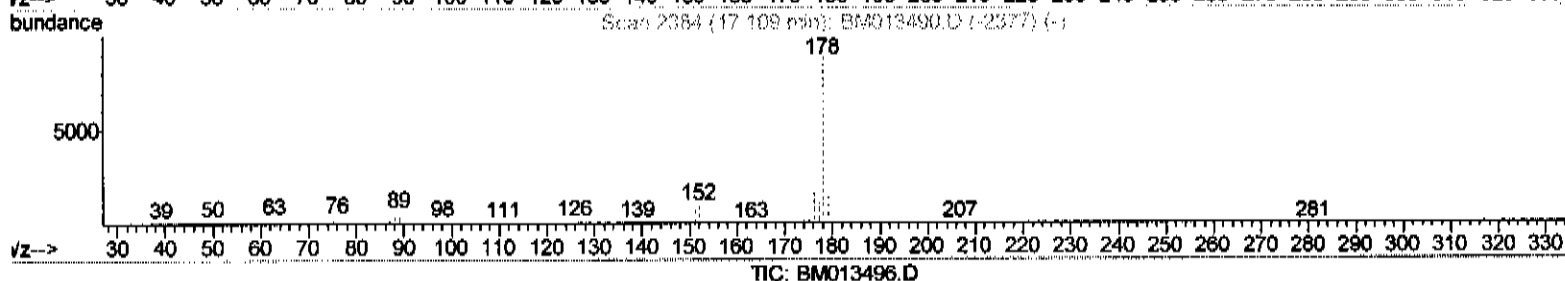
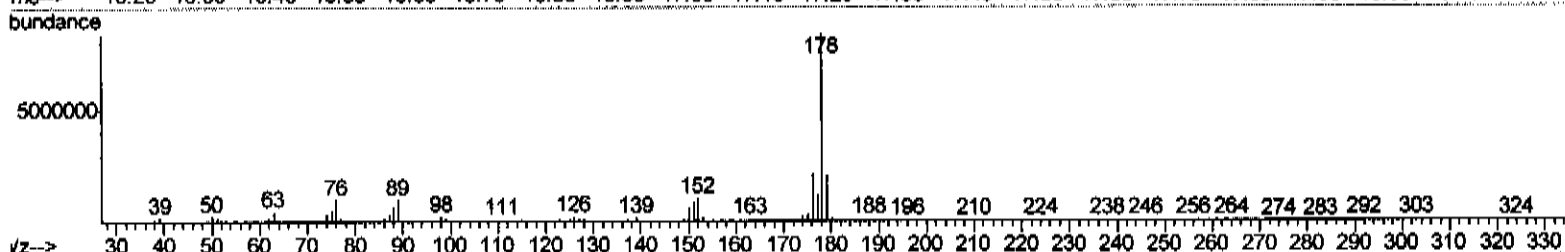
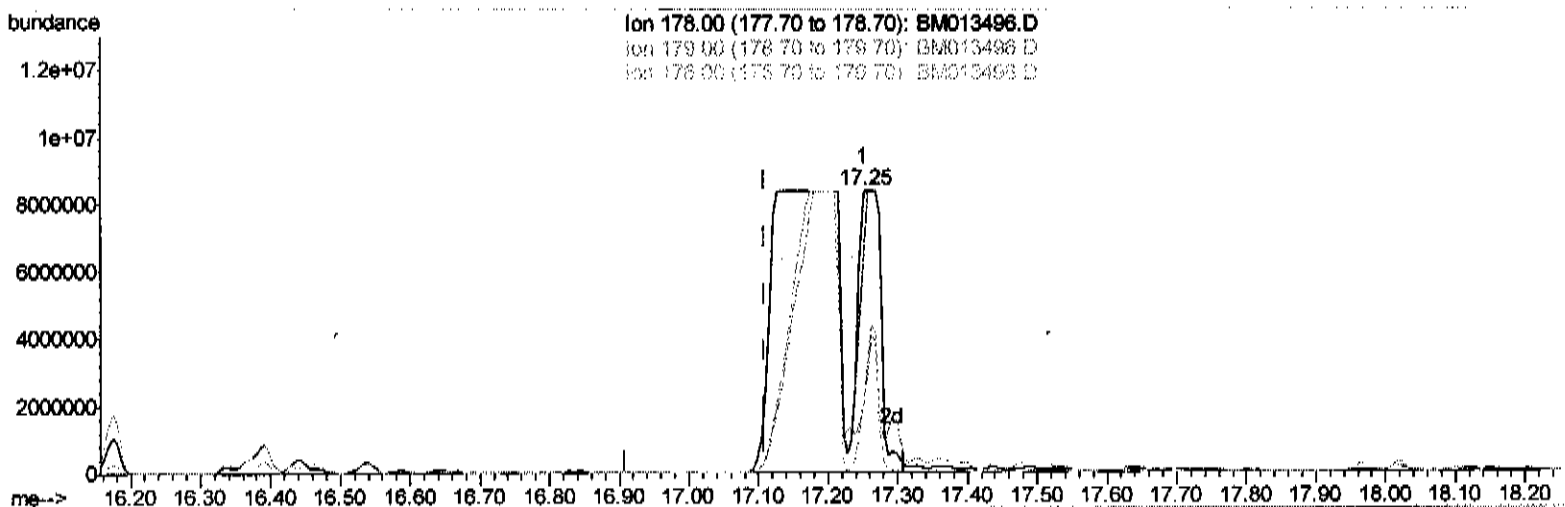
Data Path : Z:\HPCHEM1\BNA_M\Data\BM121817\
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 Operator : SJ/JU
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 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleID :
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Manual Integrations
 APPROVED

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 Response via : Initial Calibration



(69) Phenanthrene

17.251min (+0.141) 41.59ng/ul

response 3009932

Ion	Exp%	Act%
178.00	100	100
179.00	15.80	24.59#
176.00	18.60	25.20#
0.00	0.00	0.00

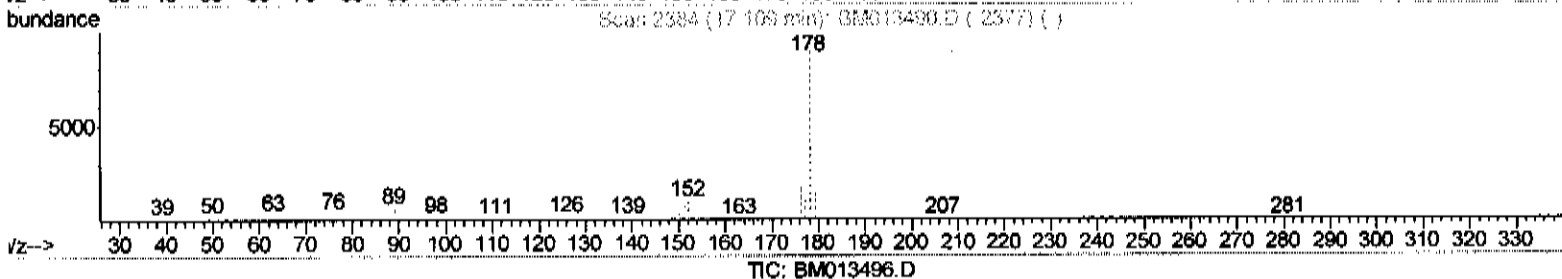
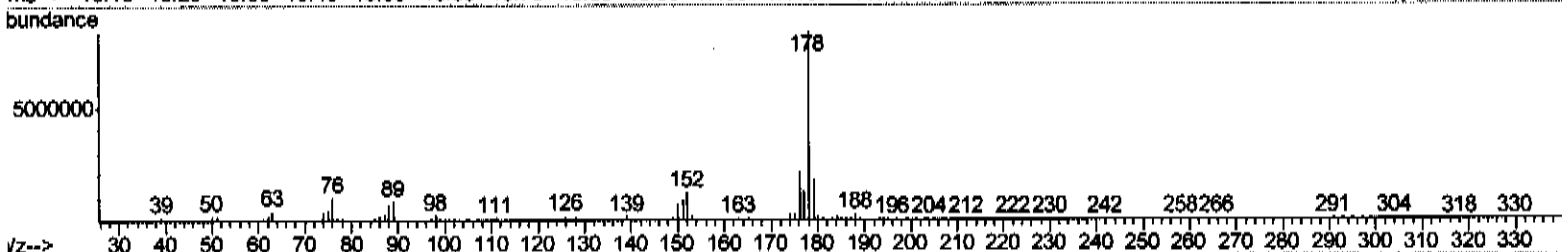
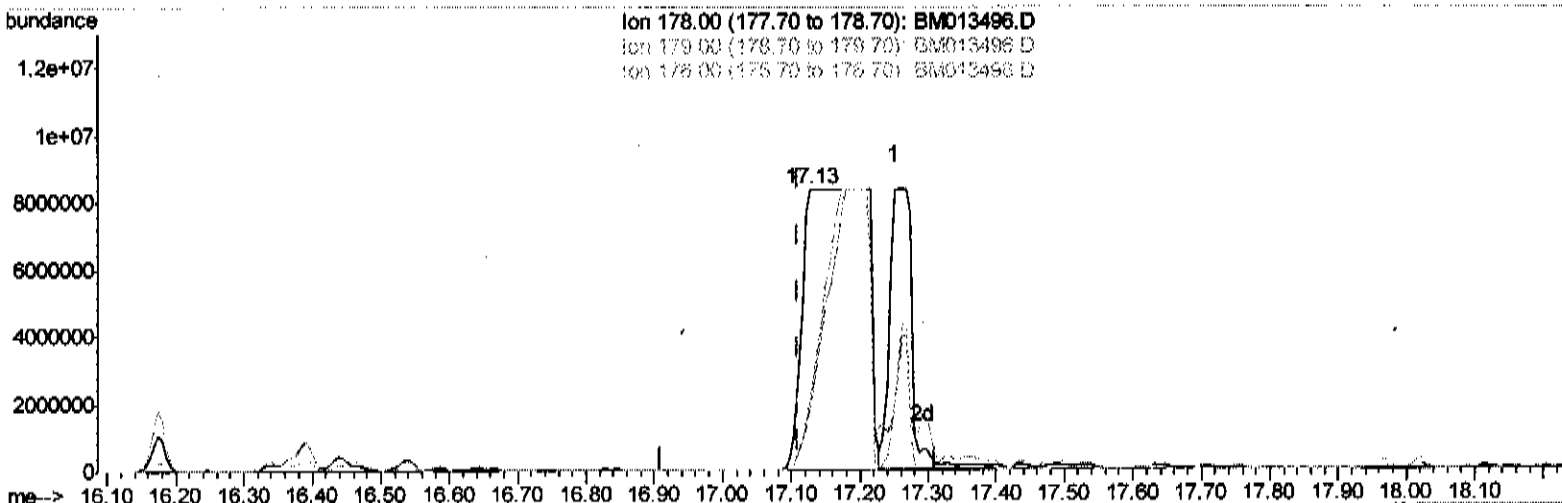
Data Path : Z:\HPCHEM1\BNA_M\Data\BM121817\
 Data File : BM013496.D
 Acq On : 18 Dec 2017 13:37
 Operator : SJ/JU
 Sample : I6778-13ME
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F9A78ME

Manual Integrations
 APPROVED

Sohil
 12/19/2017 4:56:24 PM

Quant Time: Dec 18 17:17:55 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Dec 18 14:36:05 2017
 Response via : Initial Calibration



(69) Phenanthrene

17.127min (+0.018) 743.26ng/ul m

sg 12/19/17

response 53796067

Ion	Exp%	Act%
178.00	100	100
179.00	15.80	22.23#
176.00	18.60	25.46#
0.00	0.00	0.00

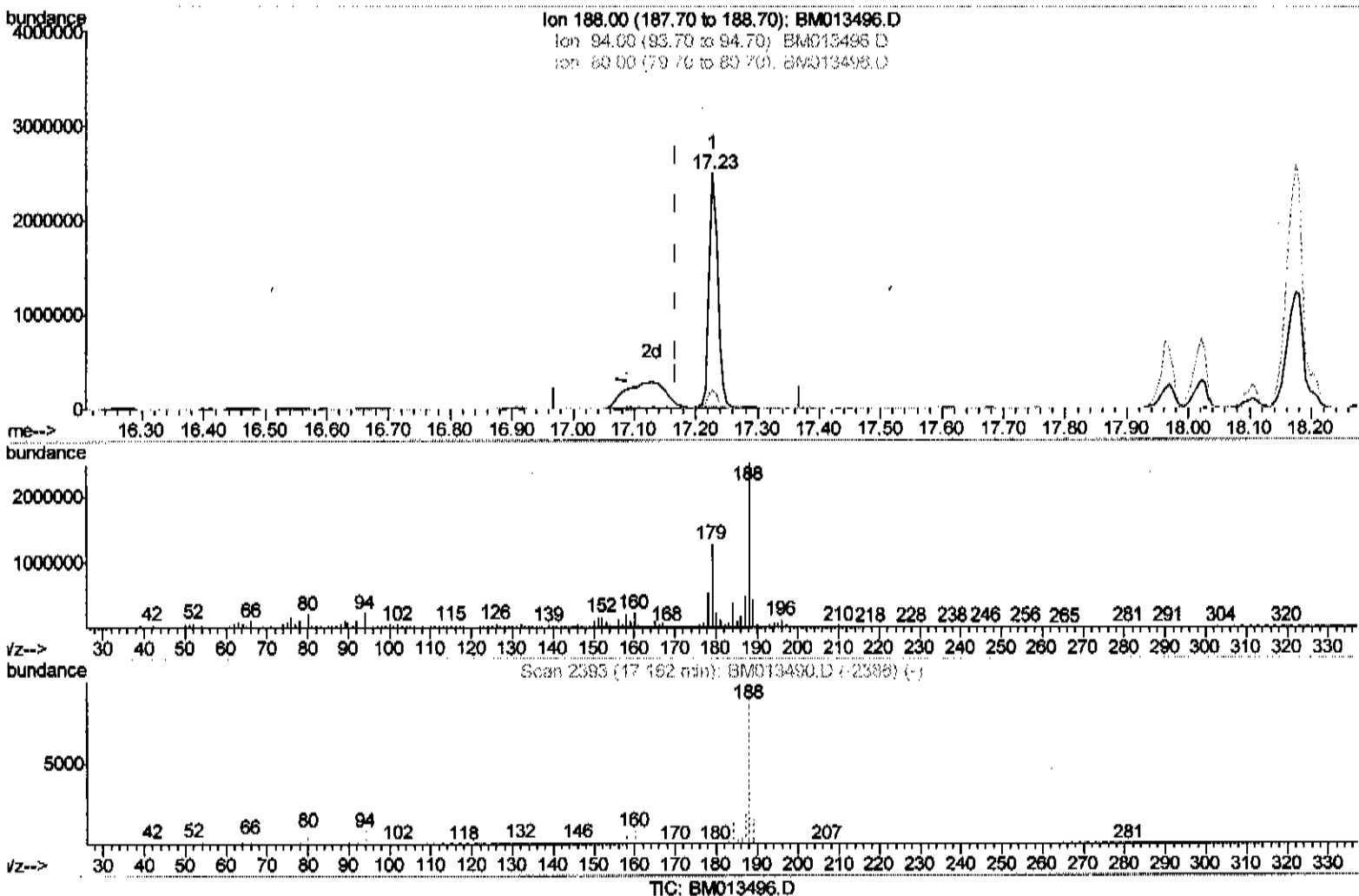
Data Path : Z:\HPCHEM1\BNA_M\Data\BM121817\
 Data File : BM013496.D
 Acq On : 18 Dec 2017 13:37
 Operator : SJ/JU
 Sample : I6778-13ME
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F9A78ME

Manual Integrations
 APPROVED

Sohil
 12/19/2017 4:56:24 PM

Quant Time: Dec 18 17:17:55 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Dec 18 14:36:05 2017
 Response via : Initial Calibration



(70) Anthracene-d10 (S)

17.227min (+0.059) 37.96ng/ul

response 2422330

Ion	Exp%	Act%
188.00	100	100
94.00	5.70	8.62#
80.00	5.90	7.98#
0.00	0.00	0.00

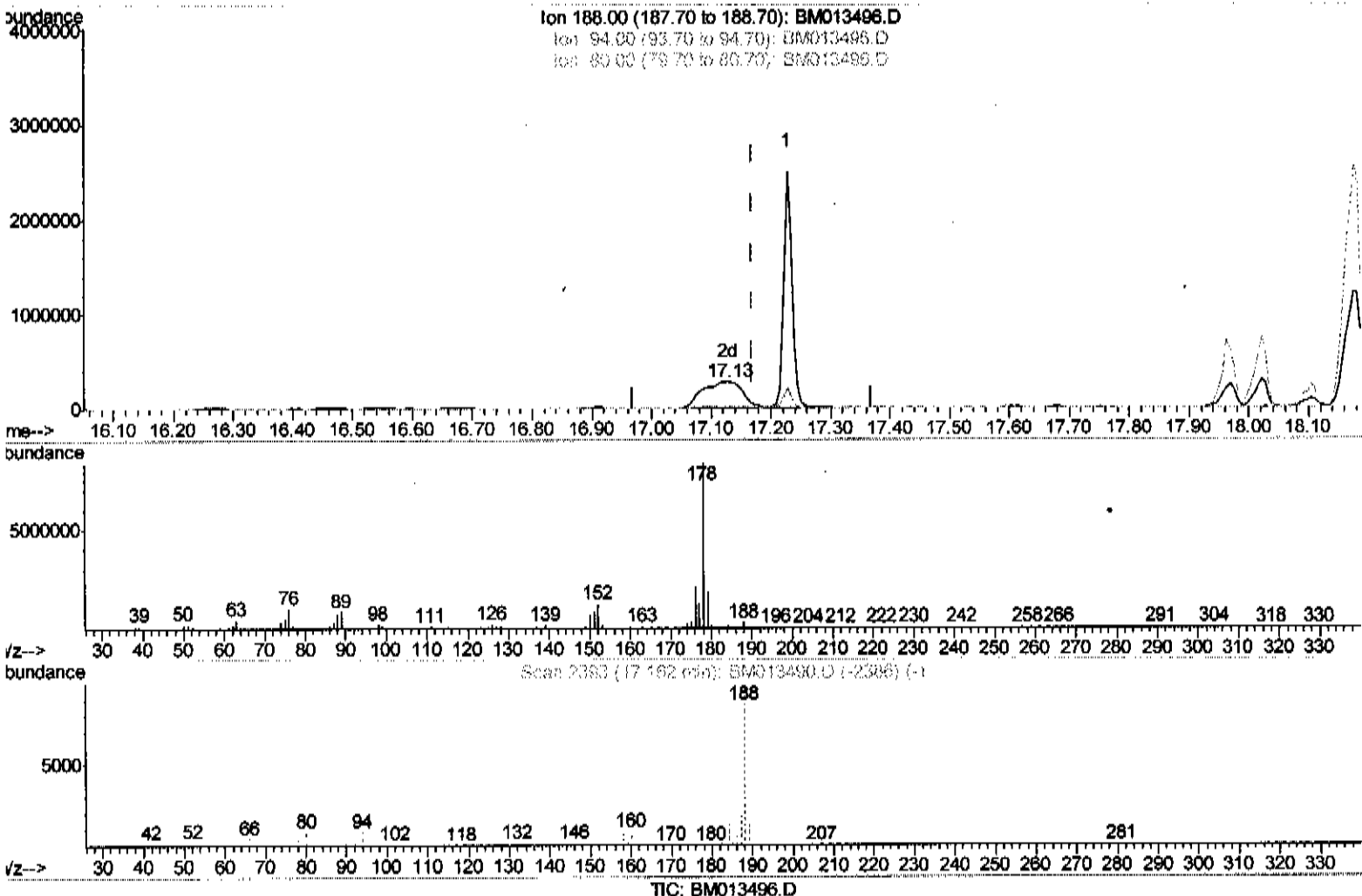
Data Path : Z:\HPCHEM1\BNA_M\Data\BM121817\
 Data File : BM013496.D
 Acq On : 18 Dec 2017 13:37
 Operator : SJ/JU
 Sample : I6778-13ME
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F9A78ME

Manual Integrations
 APPROVED

Sohil
 12/19/2017 4:56:24 PM

Quant Time: Dec 18 17:17:55 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Dec 18 14:36:05 2017
 Response via : Initial Calibration



(70) Anthracene-d10 (S)

17.127min (-0.041) 20.18ng/ul m

SJ 12/19/17

response 1287278

Ion	Exp%	Act%
188.00	100	100
94.00	5.70	8.44#
80.00	5.90	10.17#
0.00	0.00	0.00

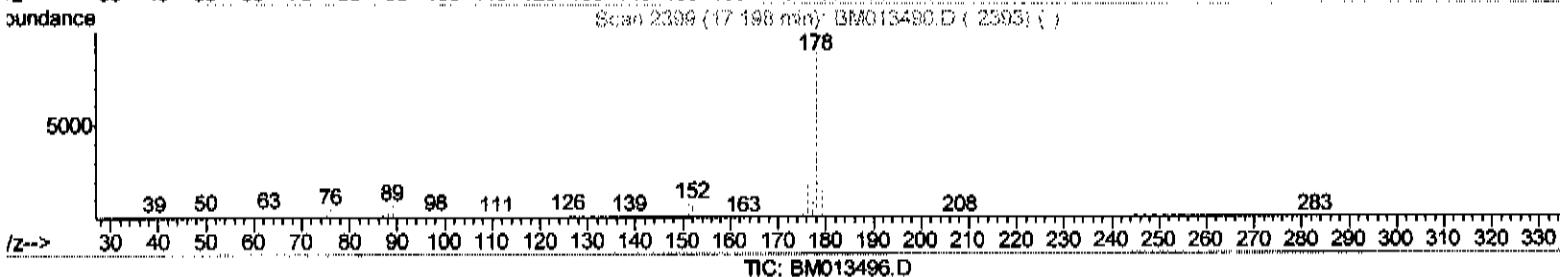
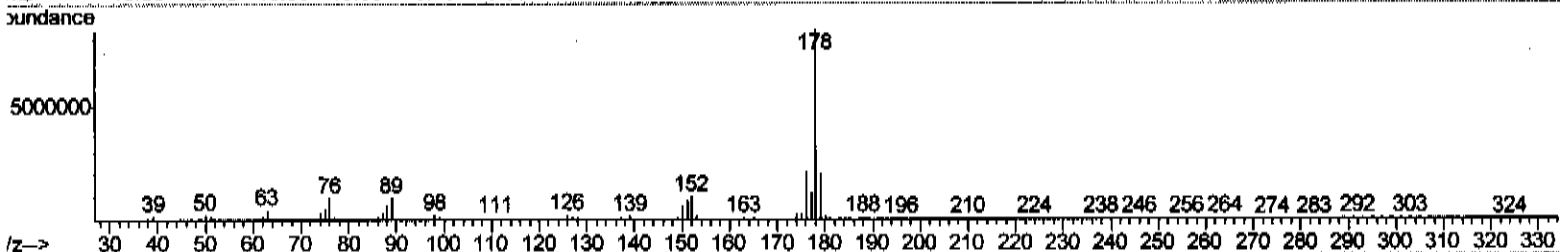
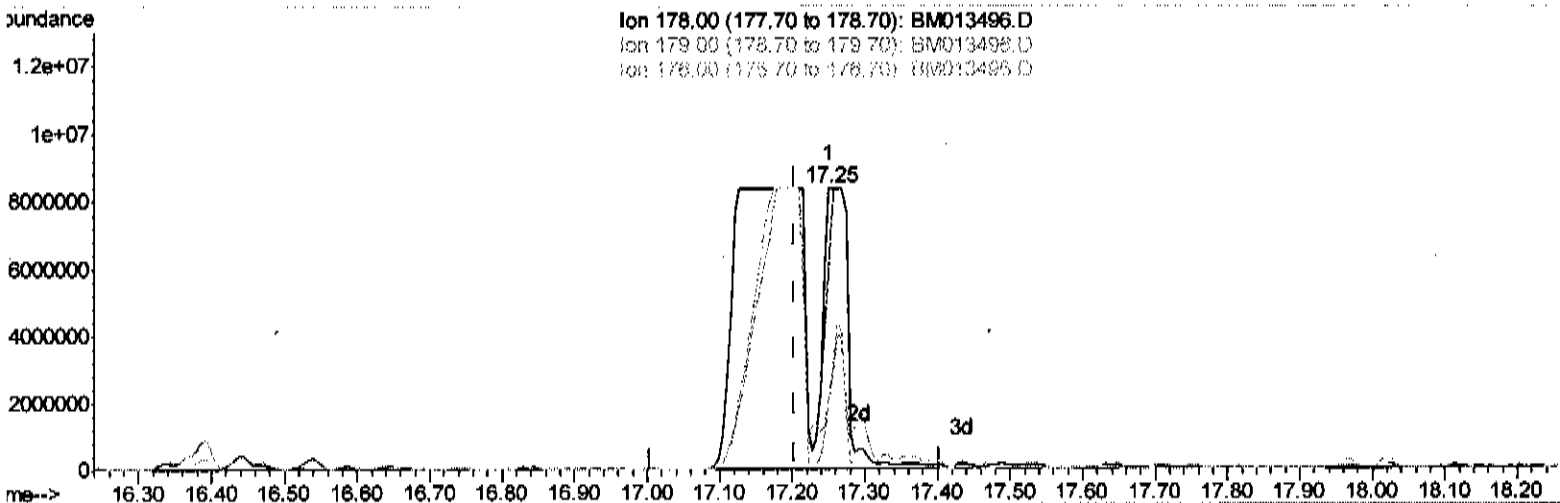
Data Path : Z:\HPCHEM1\BNA_M\Data\BM121817\
 Data File : BM013496.D
 Acq On : 18 Dec 2017 13:37
 Operator : SJ/JU
 Sample : I6778-13ME
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F9A78ME

Manual Integrations
 APPROVED

Sohil
 12/19/2017 4:56:24 PM

Quant Time: Dec 18 17:22:41 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Dec 18 14:36:05 2017
 Response via : Initial Calibration



(71) Anthracene

17.251min (+0.047) 40.68ng/ul

response 3009932

Ion	Exp%	Act%
178.00	100	100
179.00	14.60	24.59#
176.00	18.20	25.20#
0.00	0.00	0.00

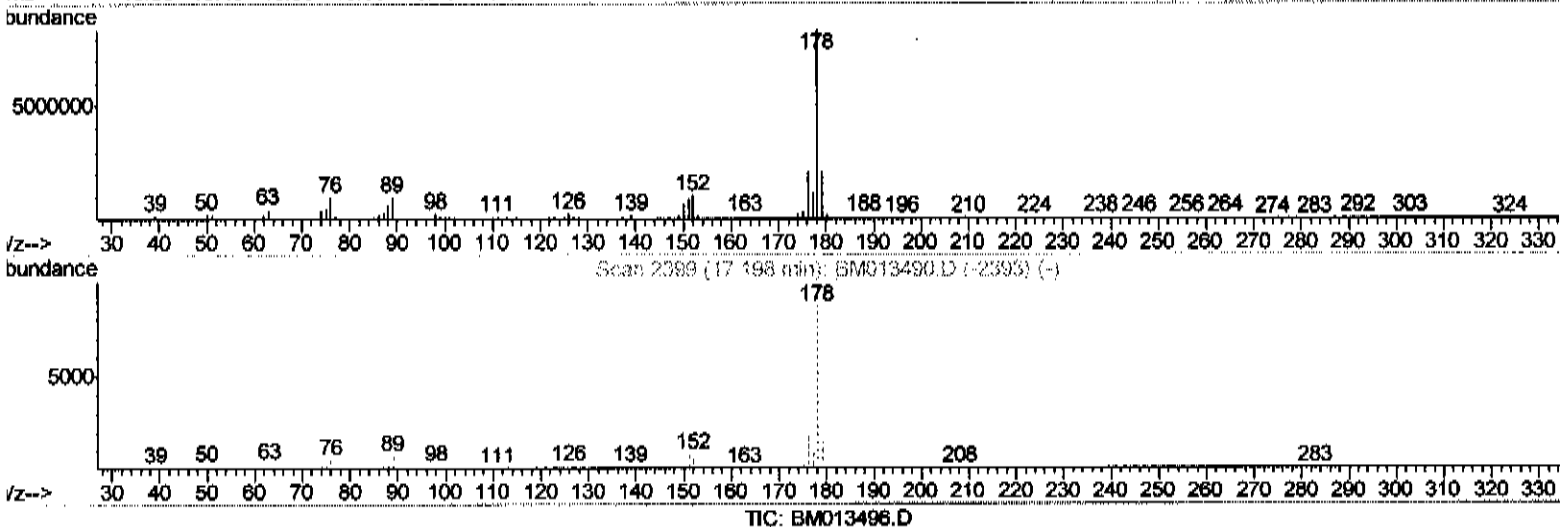
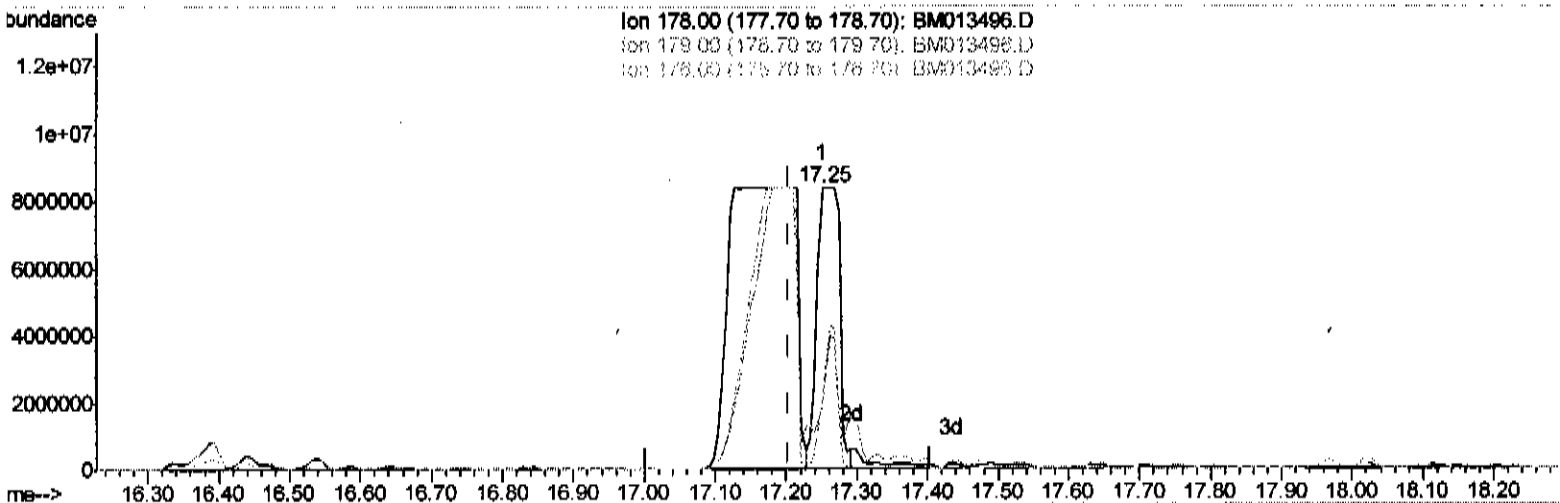
Data Path : Z:\HPCHEM1\BNA_M\Data\BM121817\
 Data File : BM013496.D
 Acq On : 18 Dec 2017 13:37
 Operator : SJ/JU
 Sample : I6778-13ME
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleID :
 F9A78ME

Manual Integrations
 APPROVED

Sohil
 12/19/2017 4:56:24 PM

Quant Time: Dec 18 17:22:41 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Dec 18 14:36:05 2017
 Response via : Initial Calibration



(71) Anthracene

17.251min (+0.047) 252.04ng/ul m

SJ 12/19/17

response 18646745

Ion	Exp%	Act%
178.00	100	100
179.00	14.60	24.59#
176.00	18.20	25.20#
0.00	0.00	0.00

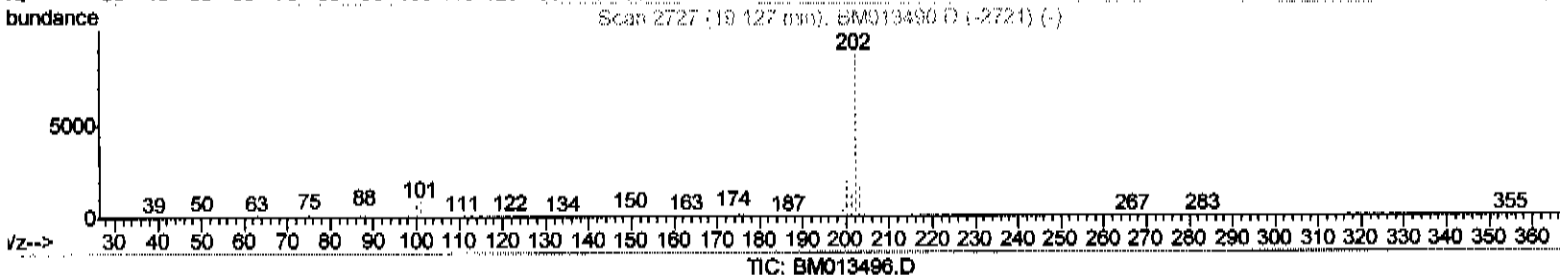
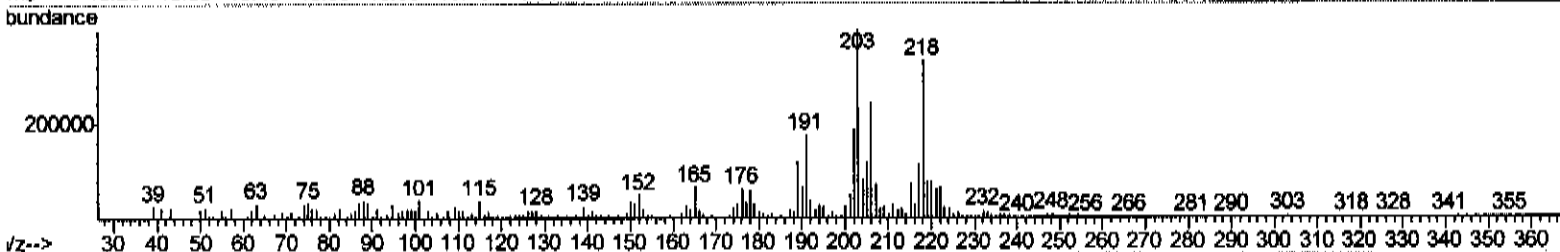
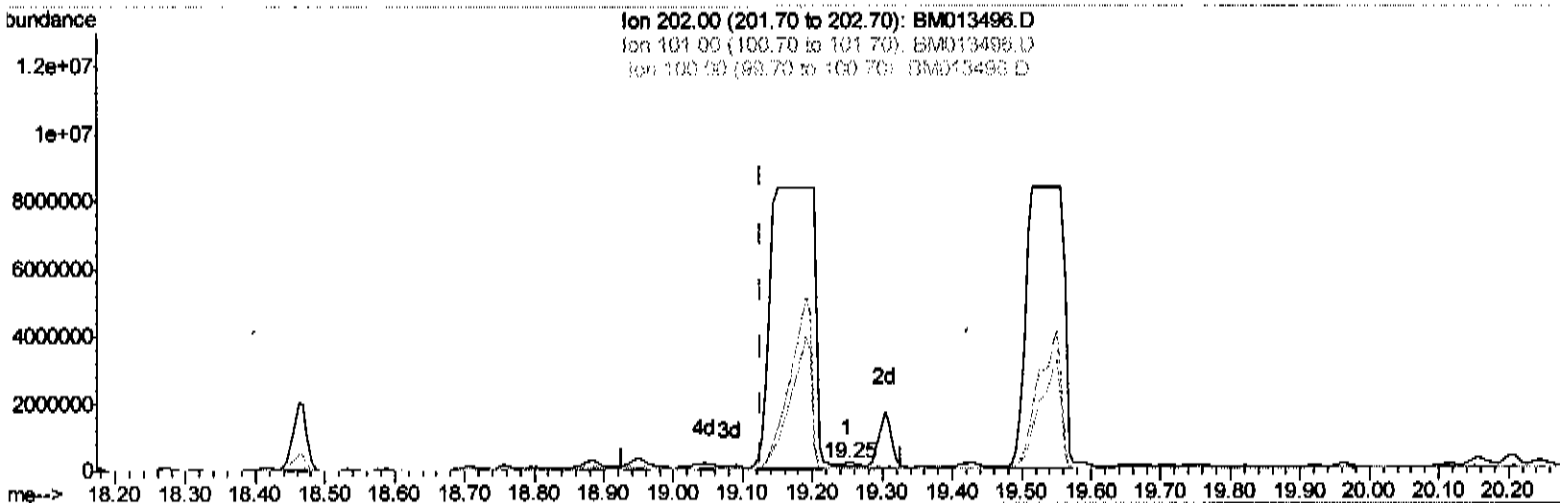
Data Path : Z:\HPCHEM1\BNA_M\Data\BM121817\
 Data File : BM013496.D
 Acq On : 18 Dec 2017 13:37
 Operator : SJ/JU
 Sample : I6778-13ME
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F9A78ME

Manual Integrations
 APPROVED

Sohil
 12/19/2017 4:56:24 PM

Quant Time: Dec 18 17:22:41 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Dec 18 14:36:05 2017
 Response via : Initial Calibration



(74) Fluoranthene (C)

19.251min (+0.124) 1.64ng/ul

response 145461

Ion	Exp%	Act%
202.00	100	100
101.00	5.80	20.55#
100.00	4.30	9.03#
0.00	0.00	0.00

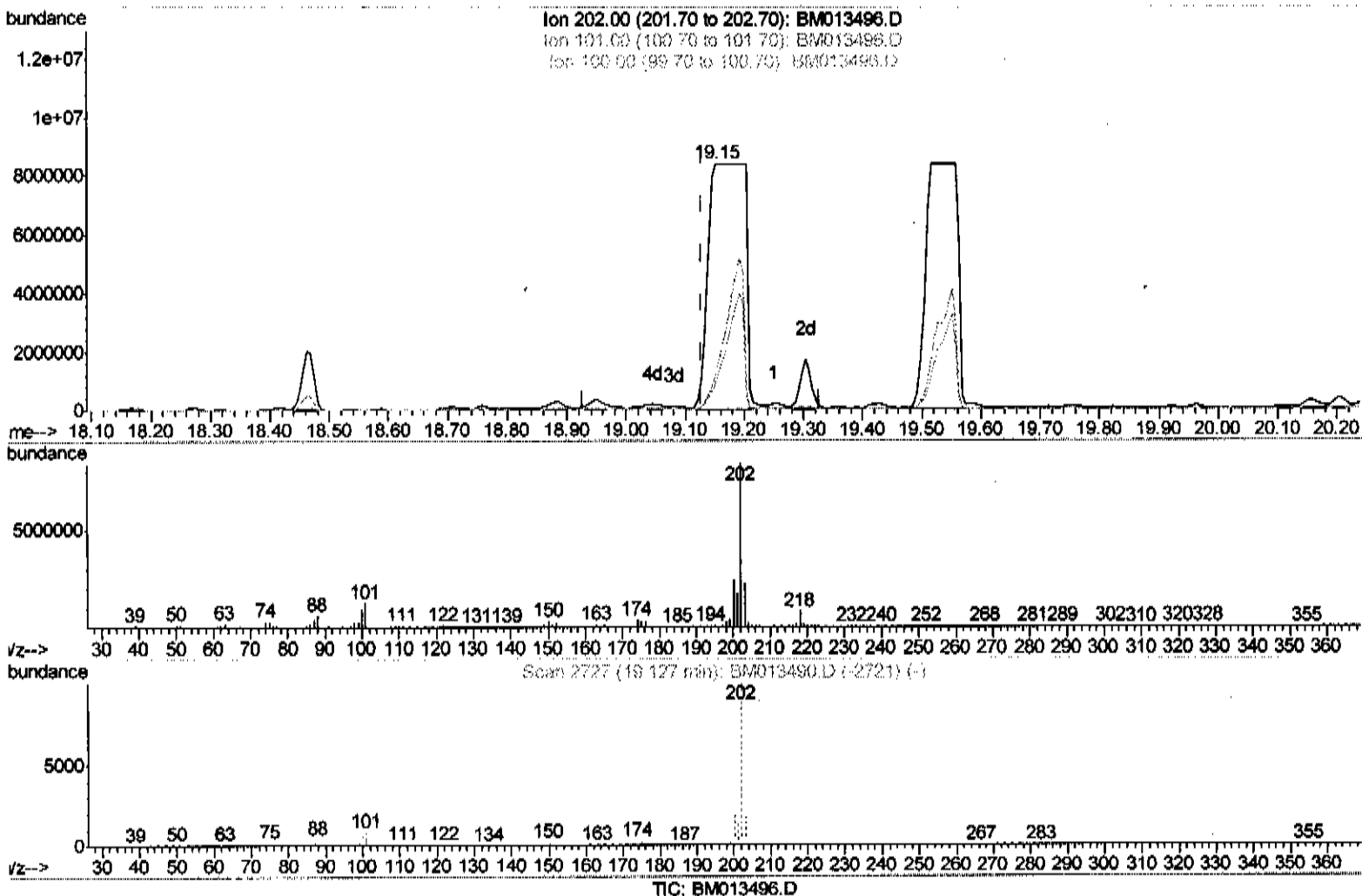
Data Path : Z:\HPCHEM1\BNA_M\Data\BM121817\
 Data File : BM013496.D
 Acq On : 18 Dec 2017 13:37
 Operator : SJ/JU
 Sample : I6778-13ME
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F9A78ME

Manual Integrations
 APPROVED

Sohil
 12/19/2017 4:56:24 PM

Quant Time: Dec 18 17:22:41 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Dec 18 14:36:05 2017
 Response via : Initial Calibration



(74) Fluoranthene (C)

19.151min (+0.024) 405.84ng/ul m

response 35996860

Ion	Exp%	Act%
202.00	100	100
101.00	5.80	14.89#
100.00	4.30	10.95#
0.00	0.00	0.00

SO 12/19/17

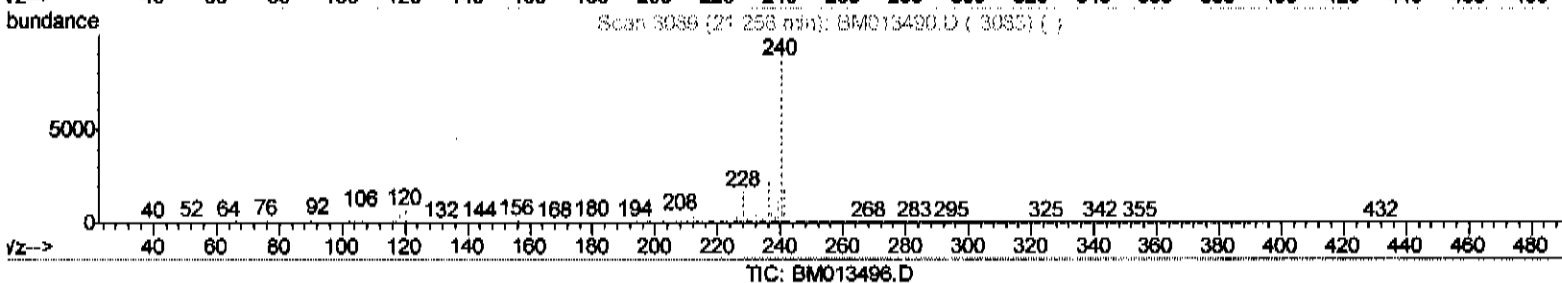
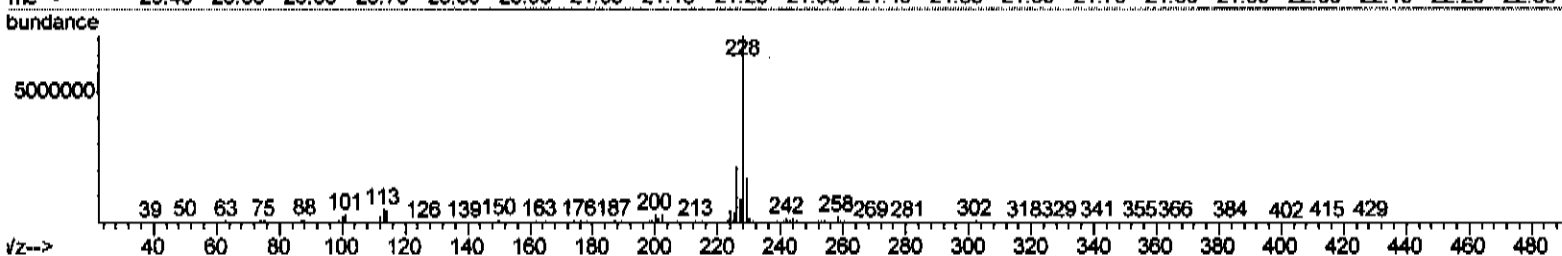
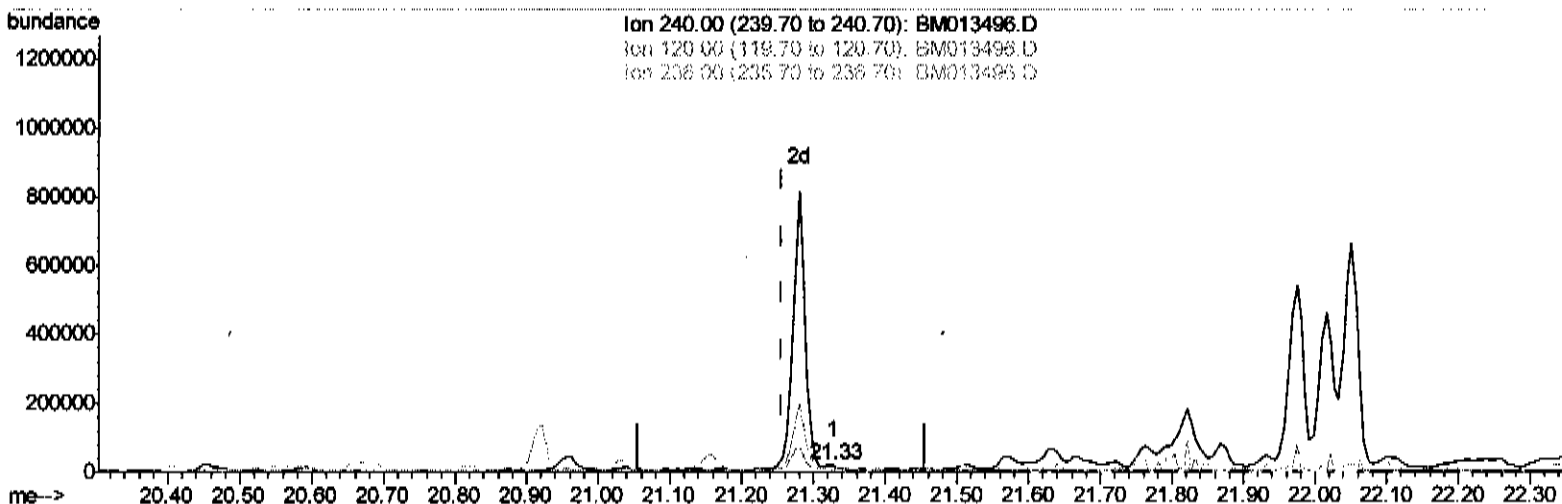
Data Path : Z:\HPCHEM1\BNA_M\Data\BM121817\
 Data File : BM013496.D
 Acq On : 18 Dec 2017 13:37
 Operator : SJ/JU
 Sample : I6778-13ME
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampled :
 F9A78ME

Manual Integrations
 APPROVED

Sohil
 12/19/2017 4:56:24 PM

Quant Time: Dec 18 17:22:41 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Dec 18 14:36:05 2017
 Response via : Initial Calibration



(75) Chrysene-d12 (I)

21.327min (+0.071) 20.00ng/ul

response 11028

Ion	Exp%	Act%
240.00	100	100
120.00	4.80	0.00#
236.00	24.80	36.25#
0.00	0.00	0.00

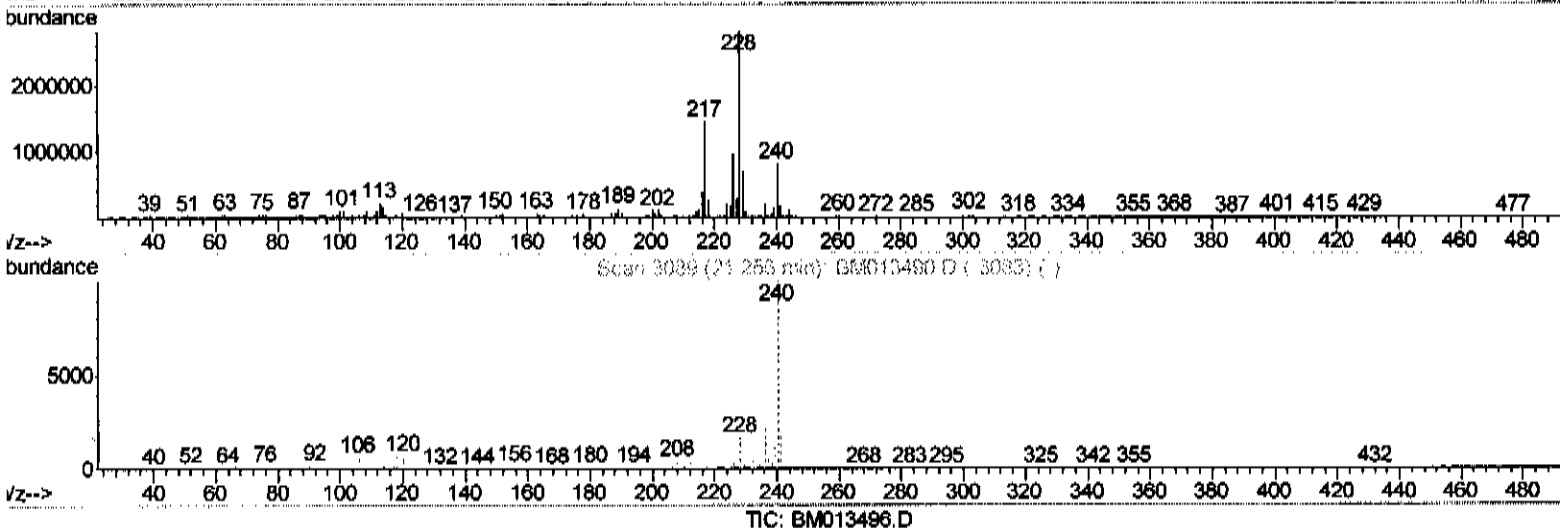
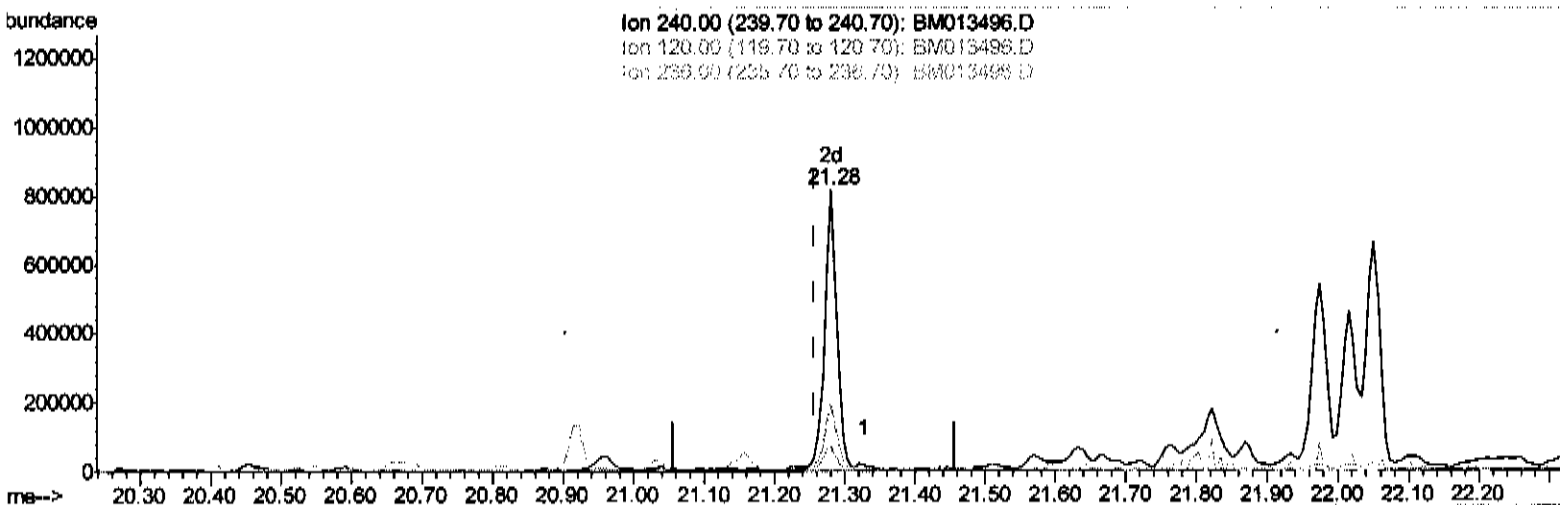
Data Path : Z:\HPCHEM1\BNA_M\Data\BM121817\
 Data File : BM013496.D
 Acq On : 18 Dec 2017 13:37
 Operator : SJ/JU
 Sample : I6778-13ME
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampled :
 F9A78ME

Manual Integrations
 APPROVED

Sohil
 12/19/2017 4:56:24 PM

Quant Time: Dec 18 17:22:41 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Dec 18 14:36:05 2017
 Response via : Initial Calibration



(75) Chrysene-d12 (I)

21.280min (+0.024) 20.00ng/ul m

SJ 12/19/17

response 1000758

Ion	Exp%	Act%
240.00	100	100
120.00	4.60	8.65#
236.00	24.80	24.32
0.00	0.00	0.00

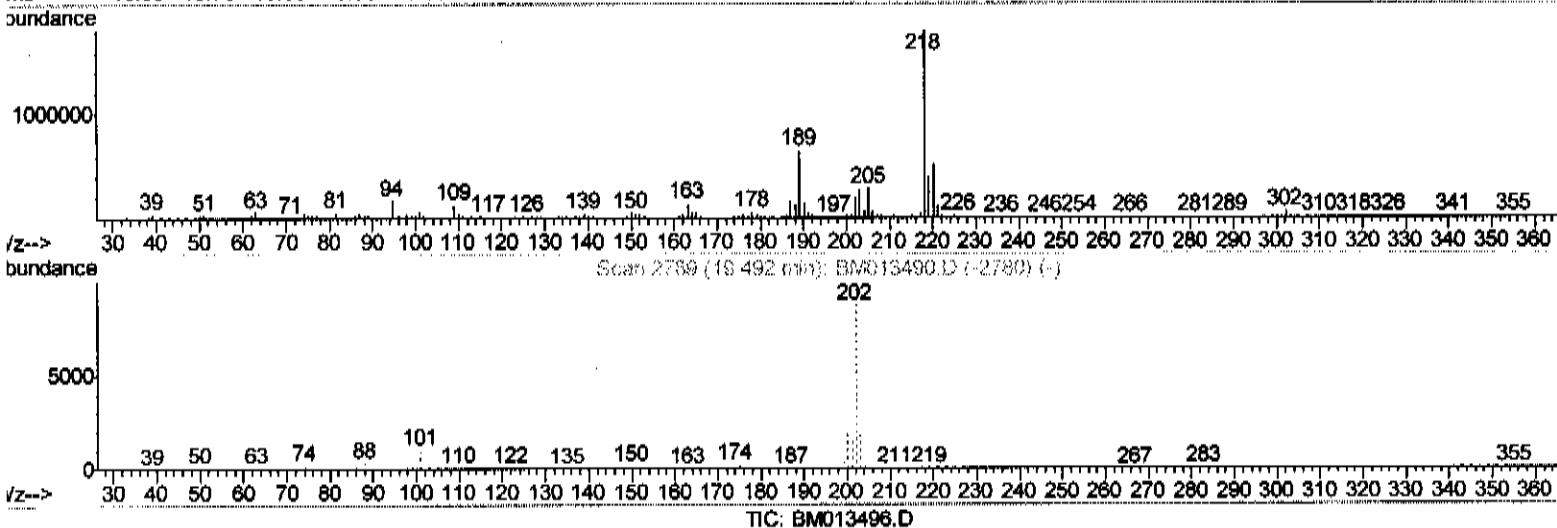
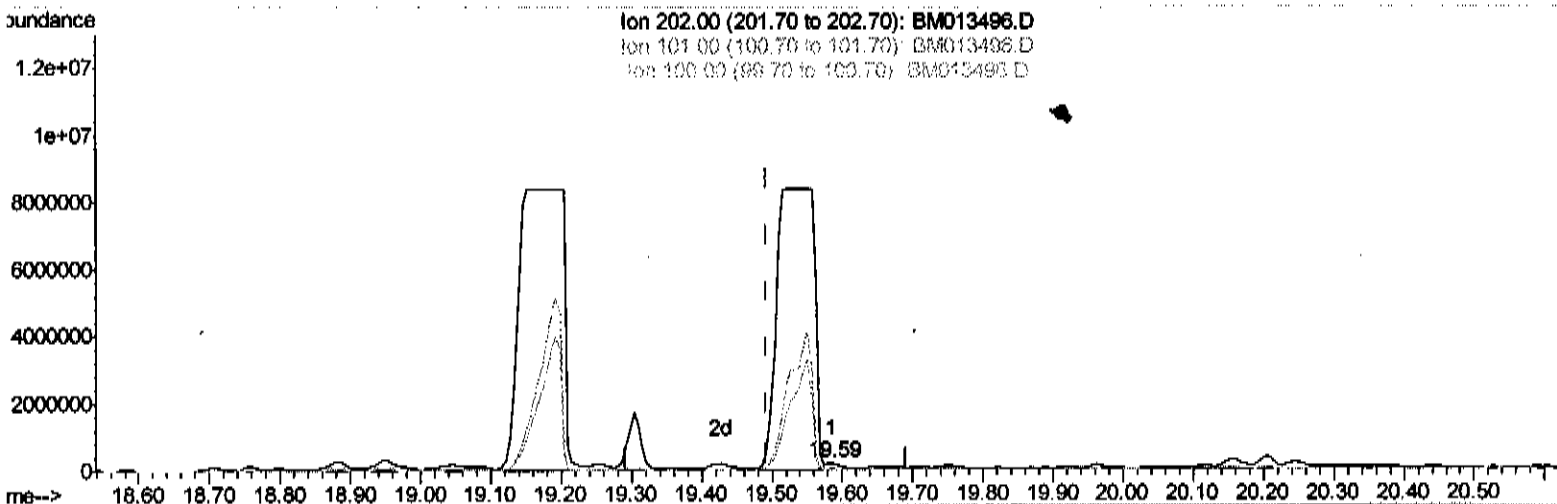
Data Path : Z:\HPCHEM1\BNA_M\Data\BM121817\
 Data File : BM013496.D
 Acq On : 18 Dec 2017 13:37
 Operator : SJ/JU
 Sample : I6778-13ME
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F9A78ME

Manual Integrations
 APPROVED

Sohil
 12/19/2017 4:56:24 PM

Quant Time: Dec 18 17:24:37 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Dec 18 14:36:05 2017
 Response via : Initial Calibration



(77) Pyrene

19.586min (+0.094) 3.41ng/ul

response 207423

Ion	Exp%	Act%
202.00	100	100
101.00	6.40	32.27#
100.00	6.10	10.21#
0.00	0.00	0.00

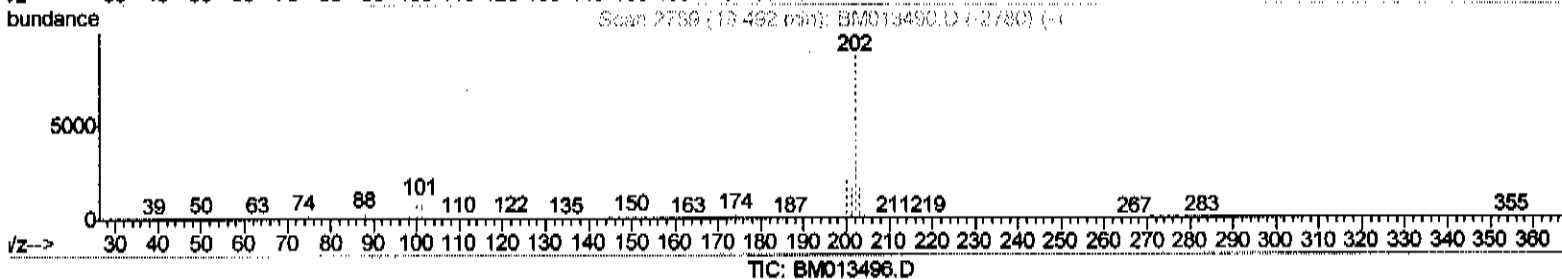
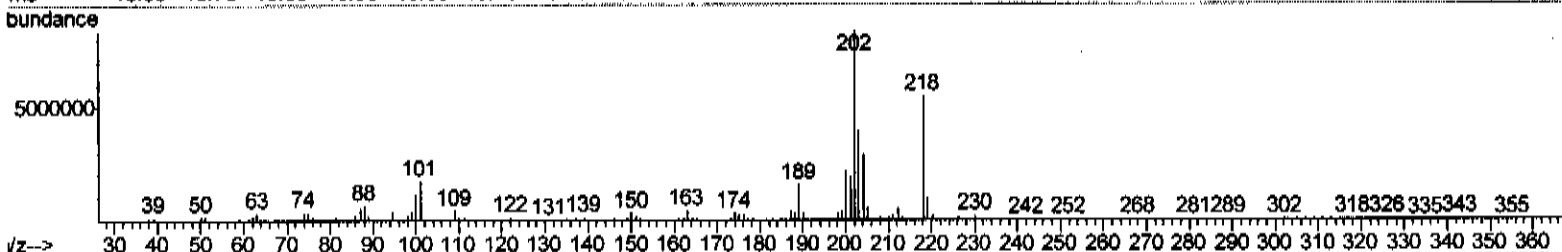
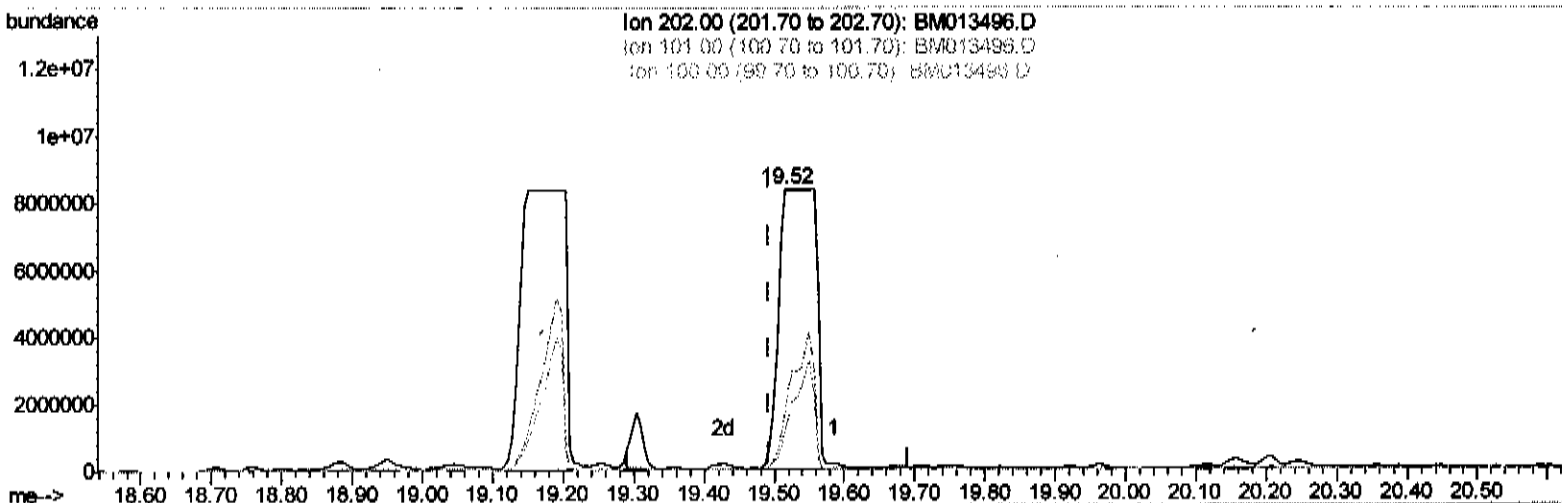
Data Path : Z:\HPCHEM1\BNA_M\Data\BM121817\
 Data File : BM013496.D
 Acq On : 18 Dec 2017 13:37
 Operator : SJ/JU
 Sample : I6778-13ME
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampled :
 F9A78ME

Manual Integrations
 APPROVED

Sohil
 12/19/2017 4:56:24 PM

Quant Time: Dec 18 17:24:37 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Dec 18 14:36:05 2017
 Response via : Initial Calibration



(77) Pyrene

19.515min (+0.024) 504.96ng/ul m

60 12/19/17

response 30700832

Ion	Exp%	Act%
202.00	100	100
101.00	6.40	20.56#
100.00	6.10	13.92#
0.00	0.00	0.00

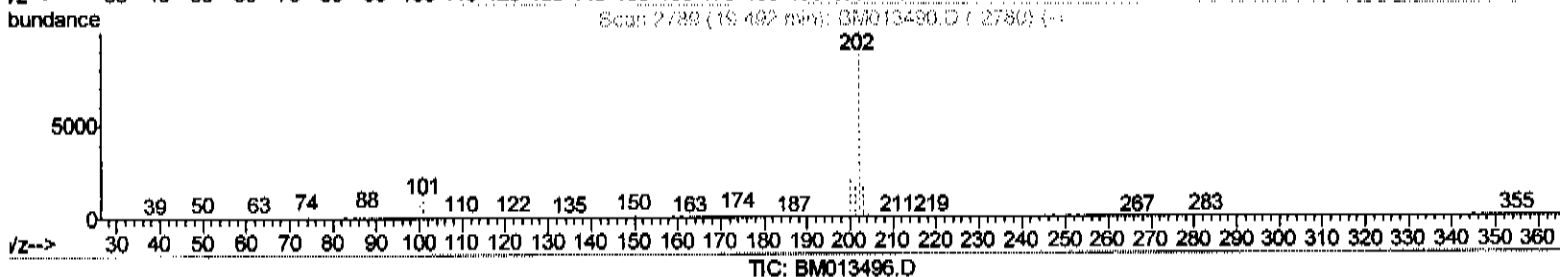
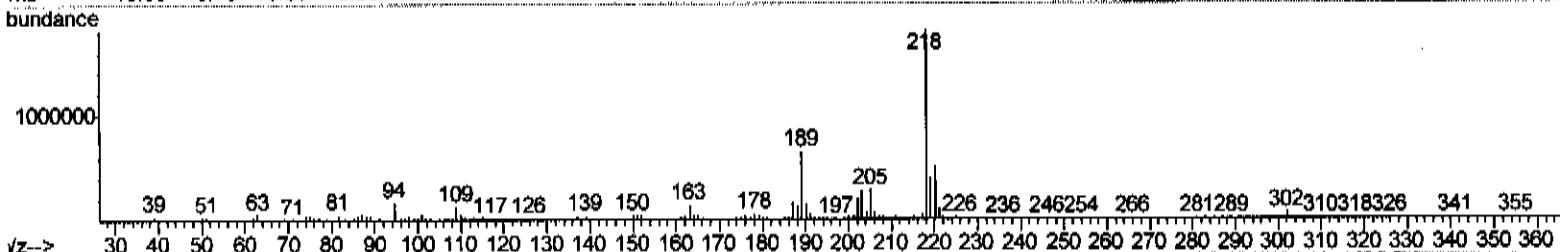
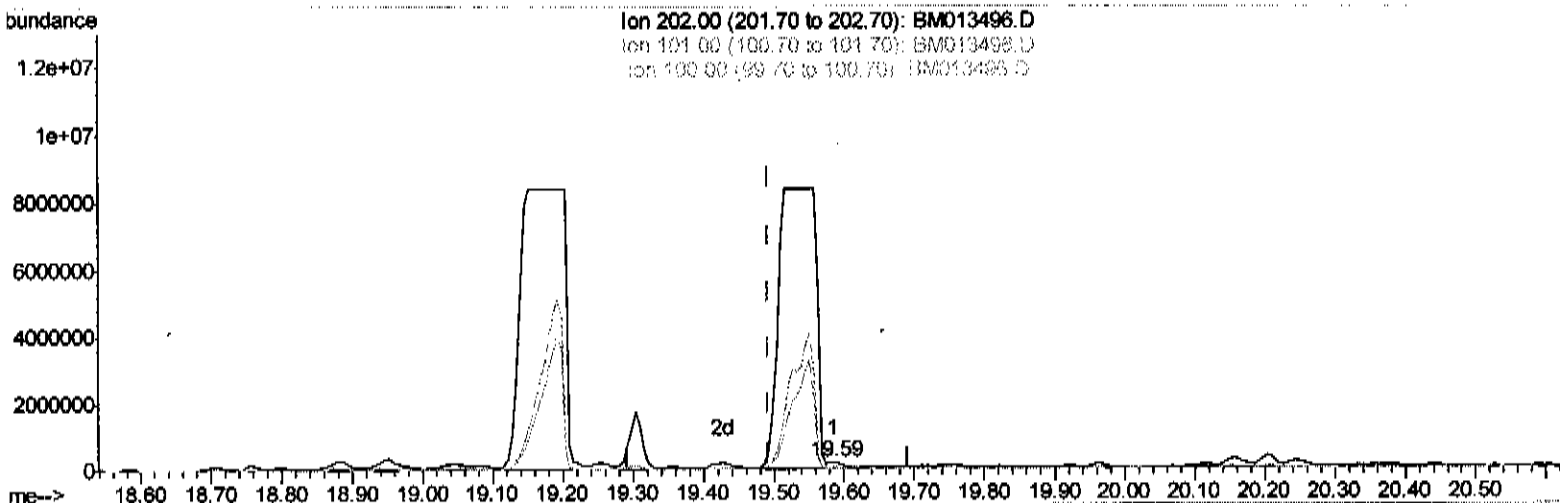
Data Path : Z:\HPCHEM1\BNA_M\Data\BM121817\
Data File : BM013496.D
Acq On : 18 Dec 2017 13:37
Operator : SJ/JU
Sample : I6778-13ME
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F9A78ME

Manual Integrations
APPROVED

Sohil
12/19/2017 4:56:24 PM

Quant Time: Dec 18 17:24:37 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 18 14:36:05 2017
Response via : Initial Calibration



(77) Pyrene

19.586min (+0.094) 3.41ng/ul

response 207423

Ion	Exp%	Act%
202.00	100	100
101.00	6.40	32.27#
100.00	6.10	10.21#
0.00	0.00	0.00

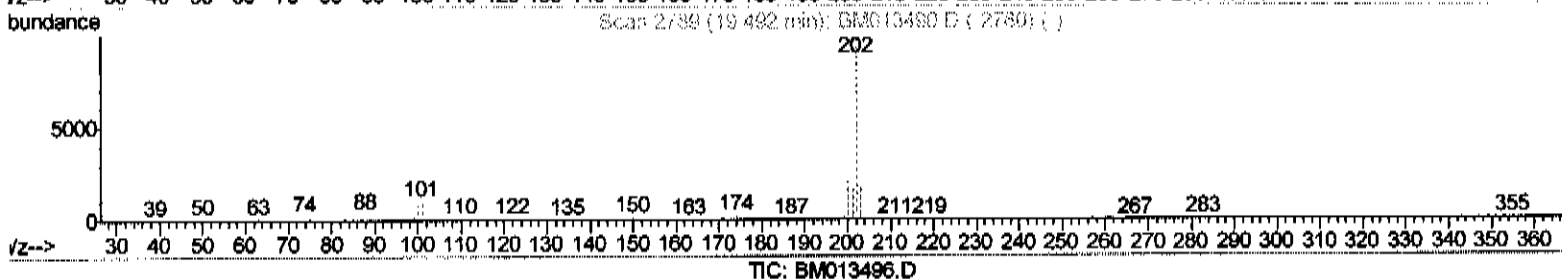
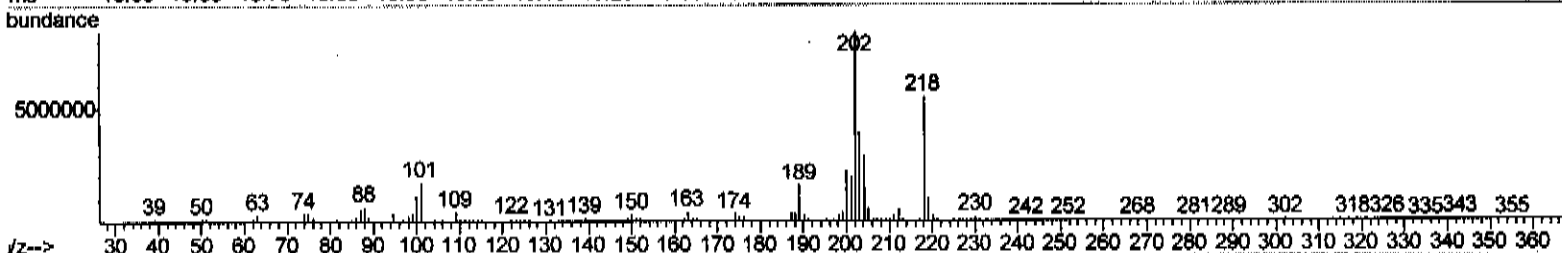
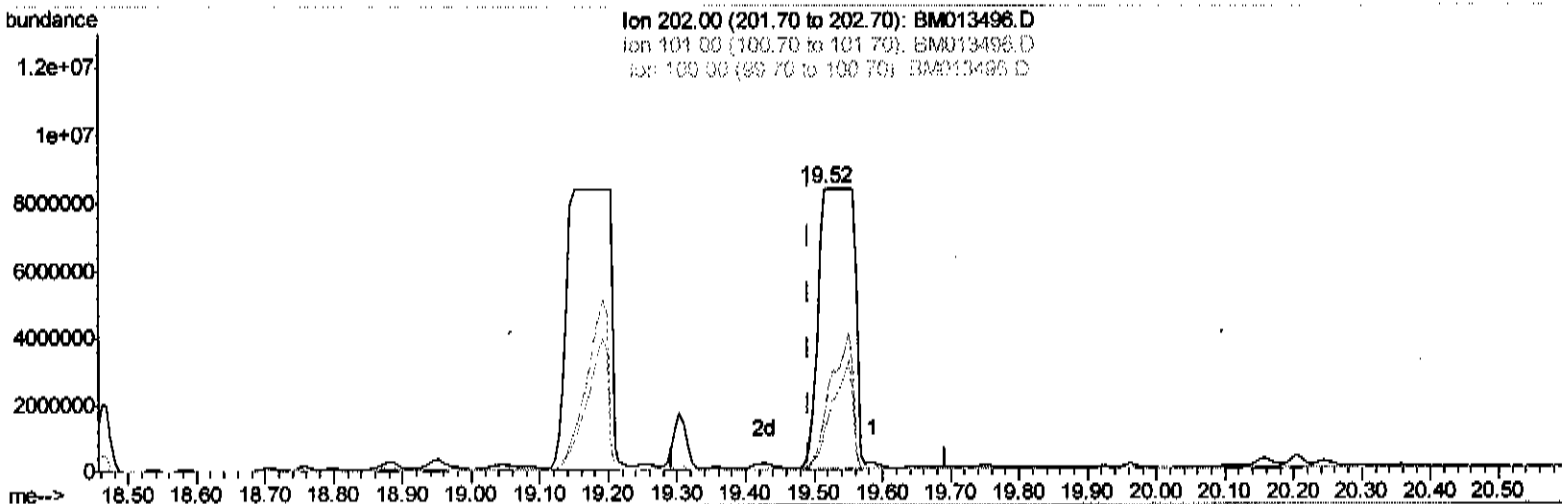
Data Path : Z:\HPCHEM1\BNA_M\Data\BM121817\
 Data File : BM013496.D
 Acq On : 18 Dec 2017 13:37
 Operator : SJ/JU
 Sample : I6778-13ME
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampled :
 F9A78ME

Manual Integrations
 APPROVED

Sohil
 12/19/2017 4:56:24 PM

Quant Time: Dec 18 17:24:37 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Dec 18 14:36:05 2017
 Response via : Initial Calibration



(77) Pyrene

19.515min (+0.024) 504.49ng/ul m

SJ 12/19/17

response 30672150

Ion	Exp%	Act%
202.00	100	100
101.00	6.40	20.56#
100.00	6.10	13.92#
0.00	0.00	0.00

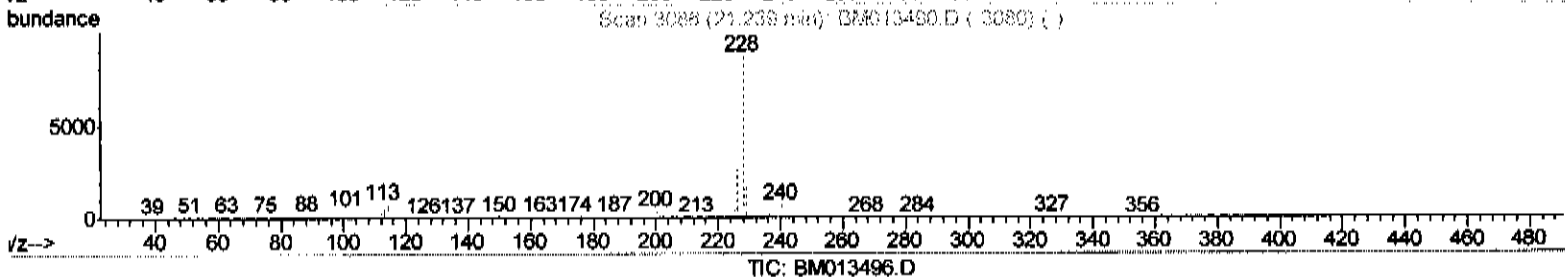
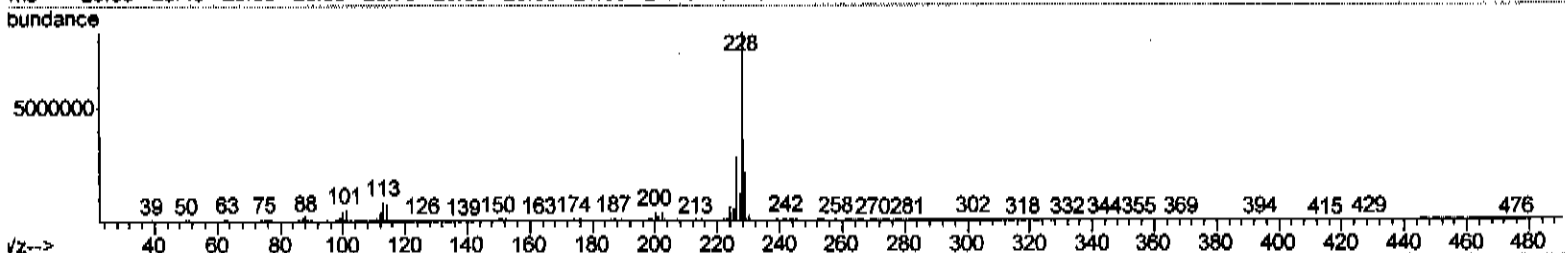
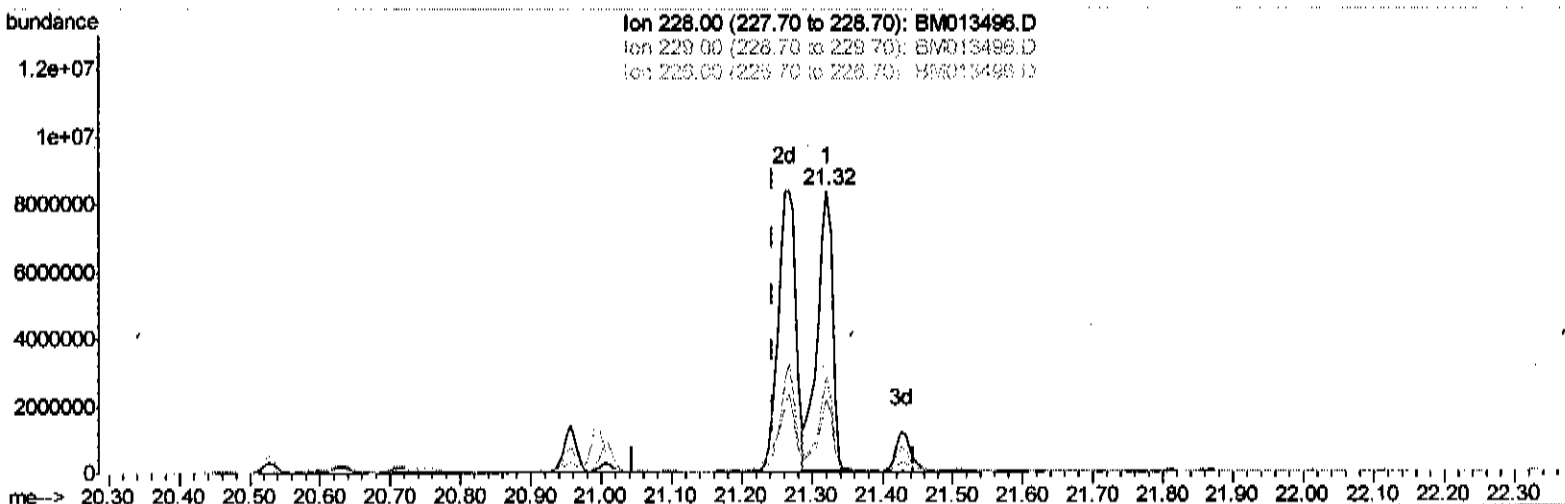
Data Path : Z:\HPCHEM1\BNA_M\Data\BM121817\
 Data File : BM013496.D
 Acq On : 18 Dec 2017 13:37
 Operator : SJ/JU
 Sample : I6778-13ME
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleID :
 F9A78ME

Manual Integrations
 APPROVED

Sohil
 12/19/2017 4:56:24 PM

Quant Time: Dec 18 17:24:37 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Dec 18 14:36:05 2017
 Response via : Initial Calibration



(80) Benzo(a)anthracene

21.321min (+0.076) 198.28ng/ul

response 12590161

Ion	Exp%	Act%
228.00	100	100
229.00	19.20	25.81#
226.00	26.70	33.65#
0.00	0.00	0.00

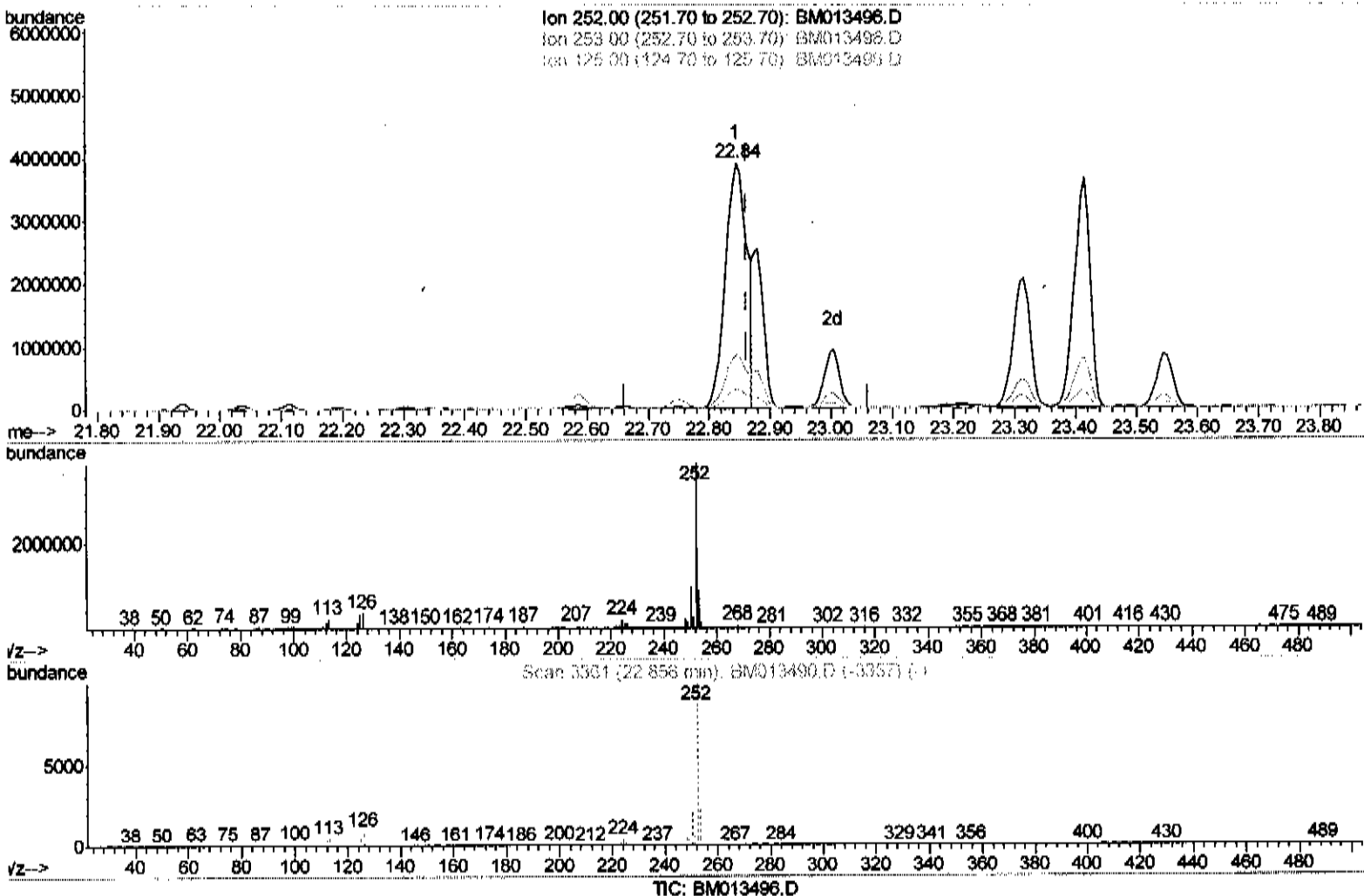
Data Path : Z:\HPCHEM1\BNA_M\Data\BM121817\
 Data File : BM013496.D
 Acq On : 18 Dec 2017 13:37
 Operator : SJ/JU
 Sample : I6778-13ME
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F9A78ME

Manual Integrations
 APPROVED

Sohil
 12/19/2017 4:56:24 PM

Quant Time: Dec 18 17:24:37 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Dec 18 14:36:05 2017
 Response via : Initial Calibration



(86) Benzo(k)fluoranthene

22.845min (-0.018) 181.39ng/ul

response 9528668

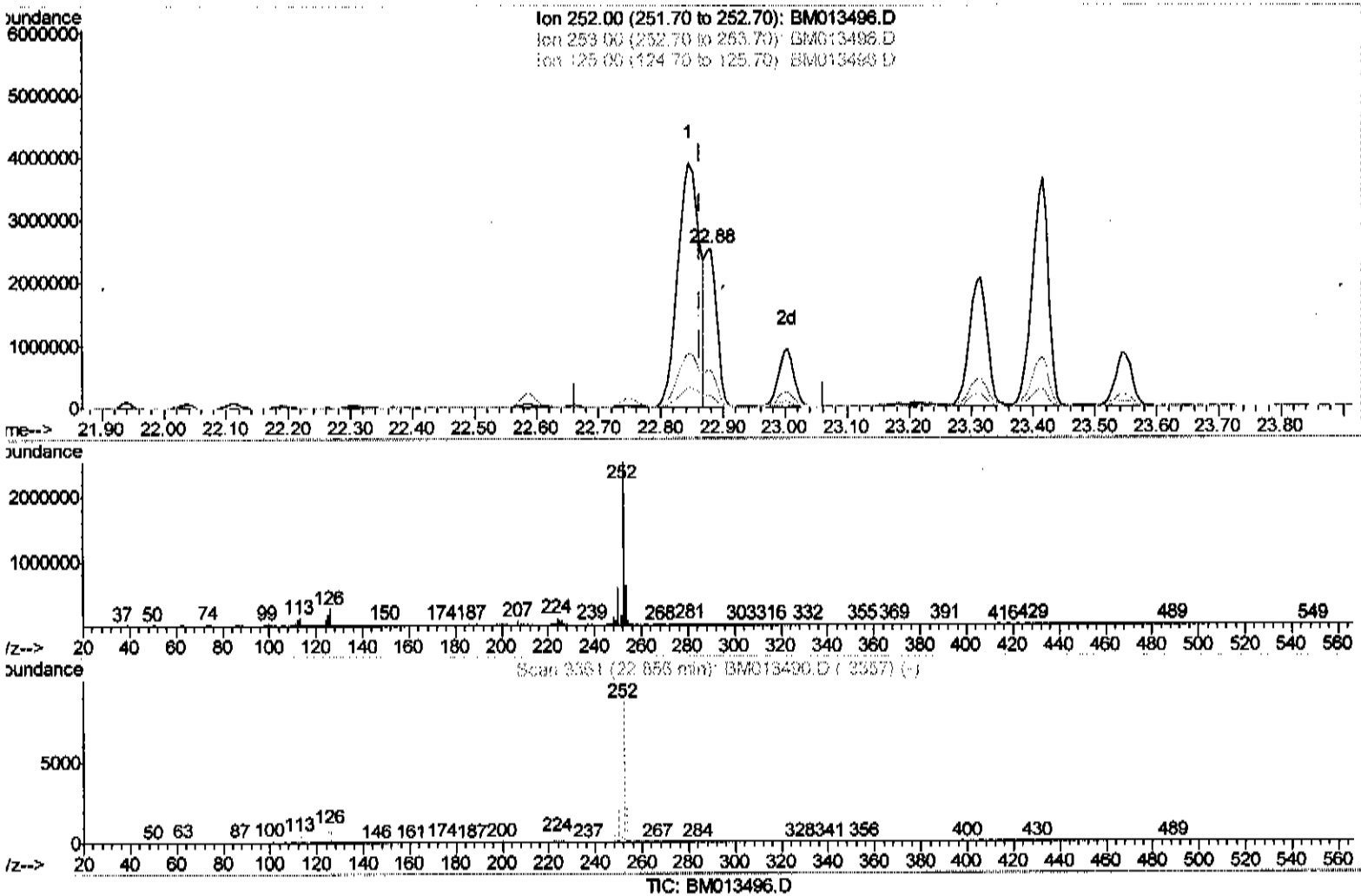
Ion	Exp%	Act%
252.00	100	100
253.00	21.40	22.43
125.00	4.30	8.01#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_M\Data\BM121817\
Data File : BM013496.D
Acq On : 18 Dec 2017 13:37
Operator : SJ/JU
Sample : I6778-13ME
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampled :
F9A78ME

Manual Integrations
APPROVED
Sohil
12/19/2017 4:56:24 PM

Quant Time: Dec 18 17:24:37 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 18 14:36:05 2017
Response via : Initial Calibration



(86) Benzo(k)fluoranthene

22.880min (+0.018) 59.36ng/ul m

SJ 12/19/17

response 3118362

Ion	Exp%	Act%
252.00	100	100
253.00	21.40	23.91
125.00	4.30	7.07#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_M\Data\BM121817\
Data File : BM013496.D
Acq On : 18 Dec 2017 13:37
Operator : SJ/JU
Sample : I6778-13ME
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F9A78ME

Manual Integrations
APPROVED
Sohil
12/19/2017 4:56:24 PM

Quant Time: Dec 18 17:38:40 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 18 14:36:05 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	238549	20.00	ng/ul	0.00
18) Naphthalene-d8	10.49	136	1044910m	20.00	ng/ul	0.04
35) Acenaphthene-d10	14.33	164	697169	20.00	ng/ul	0.01
61) Phenanthrene-d10	17.13	188	1274002	20.00	ng/ul	0.06
75) Chrysene-d12	21.28	240	1000758m	20.00	ng/ul	0.02
83) Perylene-d12	23.50	264	828051	20.00	ng/ul	0.02

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.22	96	24560	5.10	ng/uL	0.00
5) Phenol-d5	6.85	99	674238	32.66	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.02	67	394272	33.49	ng/ul	0.00
9) 2-Chlorophenol-d4	7.21	132	552552	34.26	ng/ul	0.00
13) 4-Methylphenol-d8	8.38	113	583521	33.09	ng/ul	0.00
19) Nitrobenzene-d5	8.83	128	312194	37.68	ng/ul	0.00
22) 2-Nitrophenol-d4	9.55	143	324578	36.60	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.10	165	600637	32.87	ng/ul	0.02
29) 4-Chloroaniline-d4	10.60	131	1082296m	64.43	ng/ul	0.00
43) Dimethylphthalate-d6	13.75	166	1847242	29.78	ng/ul	0.02
46) Acenaphthylene-d8	14.02	160	2318495	30.28	ng/ul	0.00
51) 4-Nitrophenol-d4	14.56	143	311272	28.88	ng/ul	0.02
57) Fluorene-d10	15.33	176	1585657	29.72	ng/ul	0.01
62) 4,6-Dinitro-2-methylphenol	15.49	200	4771	0.60	ng/ul	0.04
70) Anthracene-d10	17.13	188	1287278m	20.18	ng/ul	-0.04
76) Pyrene-d10	19.49	212	2393906	48.01	ng/ul	0.03
87) Benzo(a)pyrene-d12	23.36	264	1671313	39.62	ng/ul	0.02

Target Compounds					Qvalue
6) Phenol	6.88	94	24232	1.188	ng/ul# 92
24) 2,4-Dimethylphenol	9.65	107	62962	3.140	ng/ul 96
28) Naphthalene	10.51	128	55640835m	1034.997	ng/ul 96
34) 2-Methylnaphthalene	12.14	142	28110482m	695.592	ng/ul 99
40) 1,1'-Biphenyl	13.16	154	11452969	194.378	ng/ul 98
44) Dimethylphthalate	13.80	163	275888	4.649	ng/ul 95
47) Acenaphthylene	14.05	152	5500811	77.642	ng/ul# 95
49) Acenaphthene	14.40	153	27836036m	576.761	ng/ul 92
53) Dibenzofuran	14.73	168	25748885m	361.394	ng/ul 92
58) Fluorene	15.39	166	30181934m	512.062	ng/ul 98
68) Pentachlorophenol	16.79	266	63625	6.661	ng/ul 98
69) Phenanthrene	17.13	178	53796067m	743.261	ng/ul 98
71) Anthracene	17.25	178	18646745m	252.042	ng/ul 98
72) Carbazole	17.51	167	13387200	210.373	ng/ul 98
74) Fluoranthene	19.15	202	35996860m	405.837	ng/ul 98
77) Pyrene	19.52	202	30672150m	504.486	ng/ul 98
80) Benzo(a)anthracene	21.26	228	14961681m	235.633	ng/ul 89
82) Chrysene	21.32	228	12581378	213.577	ng/ul# 98
85) Benzo(b)fluoranthene	22.84	252	9528668	170.703	ng/ul# 98
86) Benzo(k)fluoranthene	22.88	252	3118362m	59.363	ng/ul 97
88) Benzo(a)pyrene	23.42	252	6669939	133.018	ng/ul# 97
89) Indeno(1,2,3-cd)pyrene	25.74	276	3061522	61.534	ng/ul# 97
90) Dibenzo(a,h)anthracene	25.74	278	848271	20.023	ng/ul# 90

Data Path : Z:\HPCHEM1\BNA_M\Data\BM121817\
Data File : BM013496.D
Acq On : 18 Dec 2017 13:37
Operator : SJ/JU
Sample : I6778-13ME
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F9A78ME

Manual Integrations
APPROVED
Sohil
12/19/2017 4:56:24 PM

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
91) Benzo(g,h,i)perylene	26.43	276	2407601	61.348	ng/ul#	95

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