

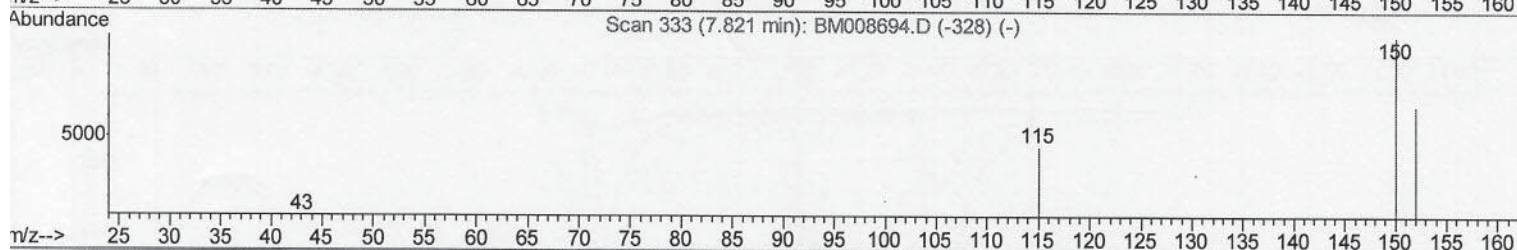
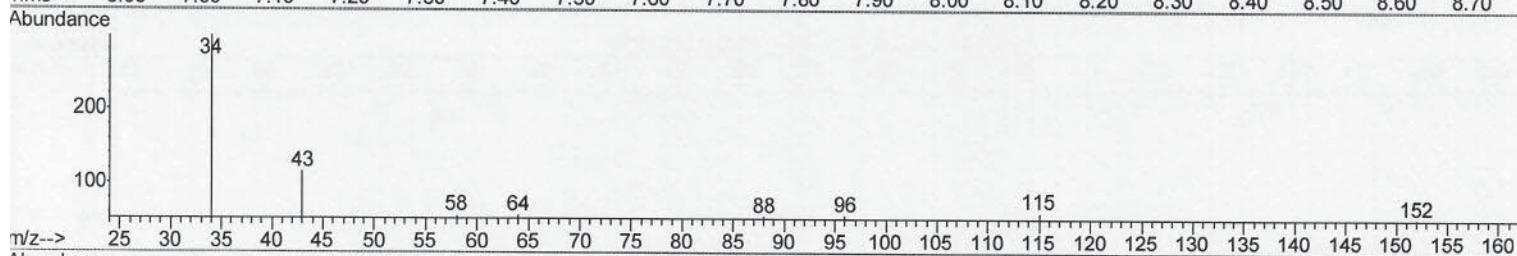
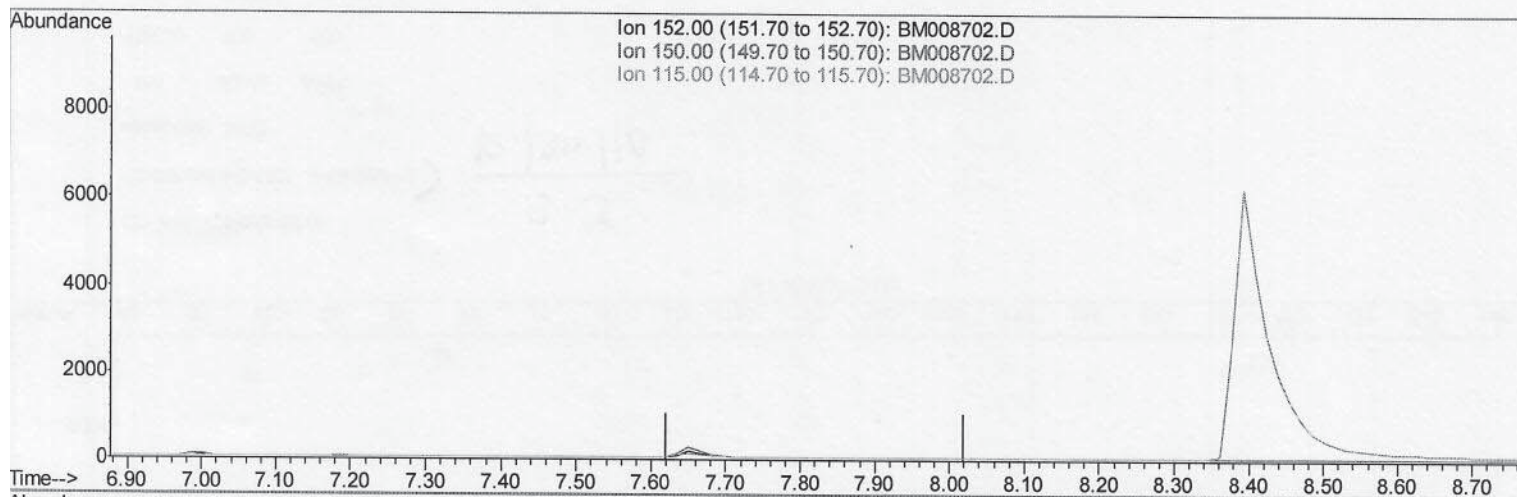
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122816\
Data File : BM008702.D
Acq On : 28 Dec 2016 20:20
Operator : UM/SJ
Sample : H6067-20
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA7H6

Quant Time: Dec 29 03:33:45 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 29 03:29:39 2016
Response via : Initial Calibration

Manual Integrations
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TIC: BM008702.D

(1) 1,4-Dichlorobenzene-d4 (l)

7.821min (-7.821) 0.00ng/ul

response 0

Ion	Exp%	Act%
152.00	100	0.00
150.00	143.40	0.00#
115.00	64.90	0.00#
0.00	0.00	0.00

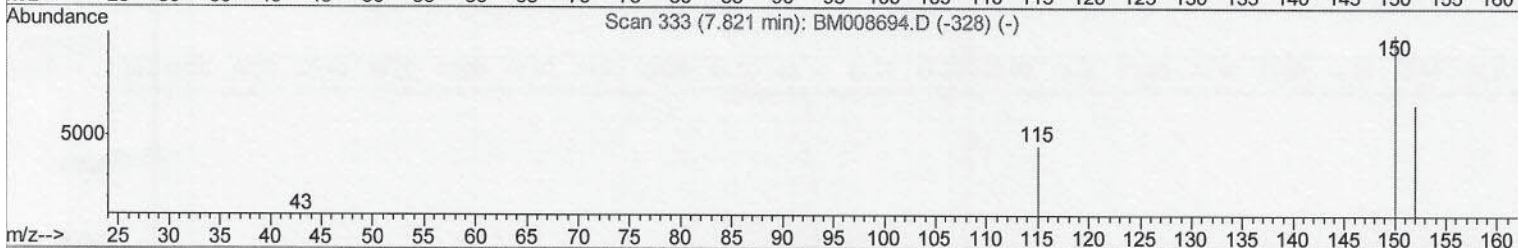
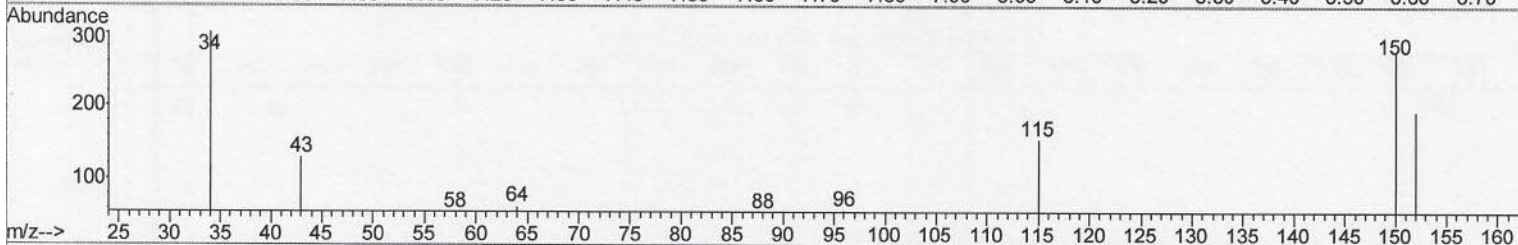
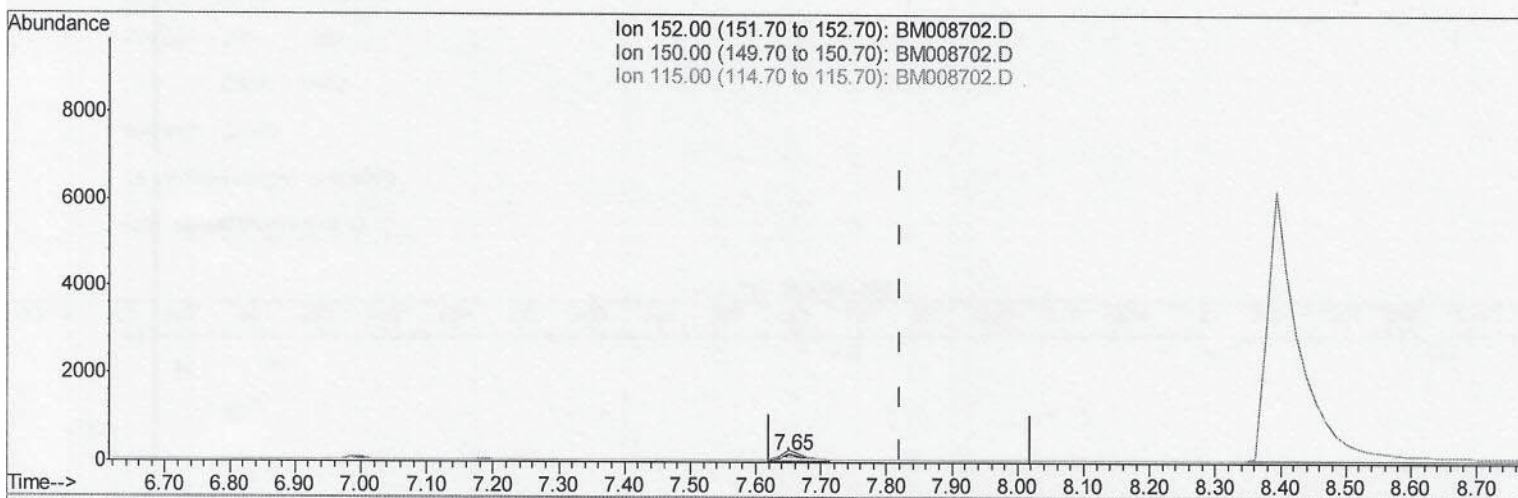
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122816\
 Data File : BM008702.D
 Acq On : 28 Dec 2016 20:20
 Operator : UM/SJ
 Sample : H6067-20
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
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Quant Time: Dec 29 03:33:45 2016
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Manual Integrations
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TIC: BM008702.D

(1) 1,4-Dichlorobenzene-d4 (I)

7.650min (-0.170) 0.40ng/ul m

> $\frac{S.J}{12/30/16}$

response 418

Ion	Exp%	Act%
152.00	100	100
150.00	143.40	142.78
115.00	64.90	79.38#
0.00	0.00	0.00

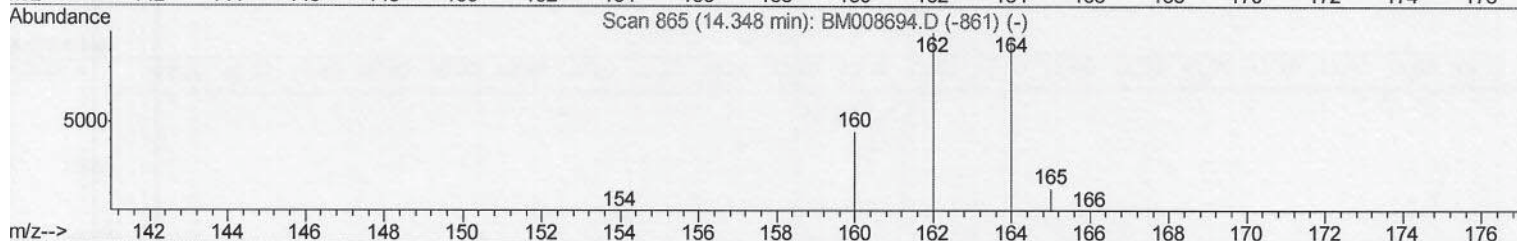
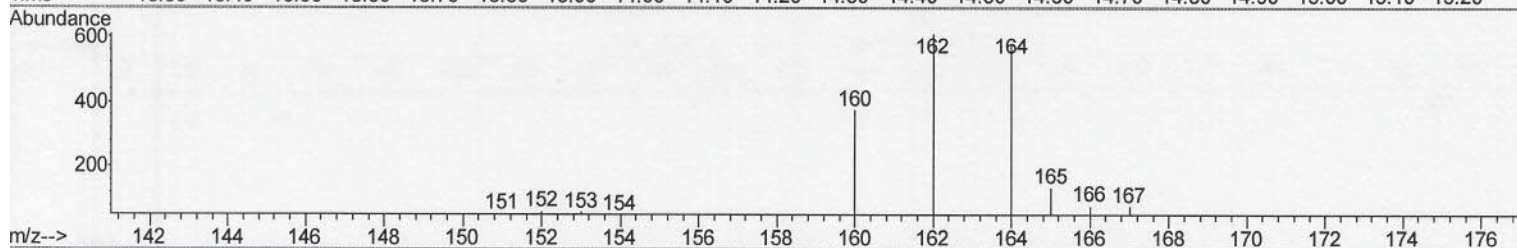
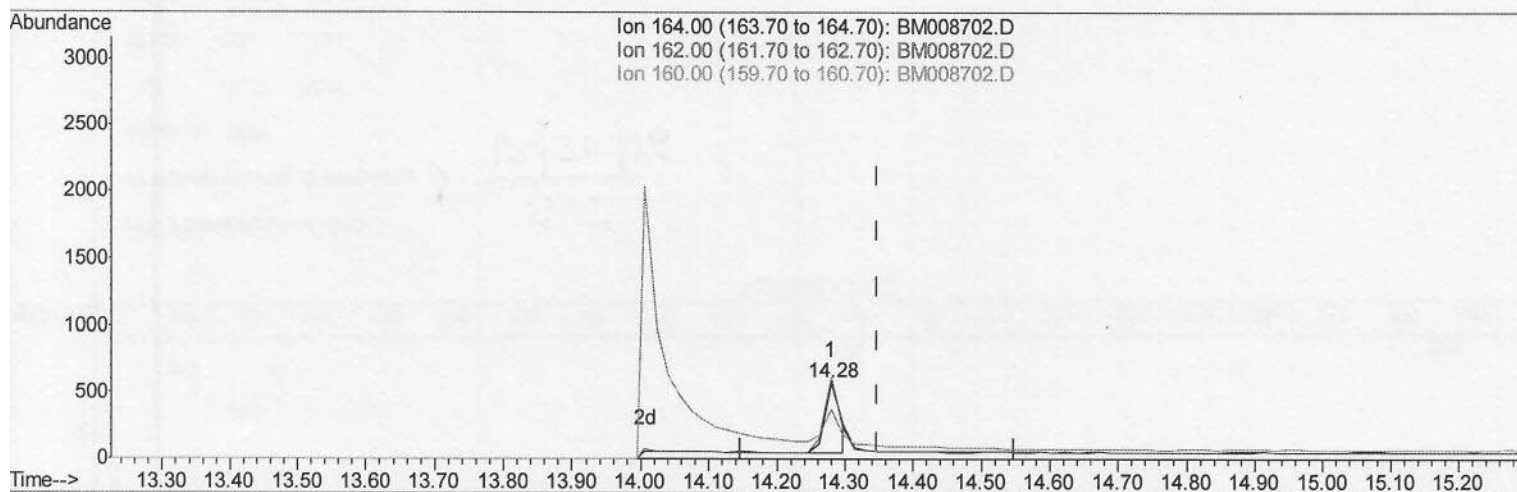
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122816\
 Data File : BM008702.D
 Acq On : 28 Dec 2016 20:20
 Operator : UM/SJ
 Sample : H6067-20
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA7H6

Quant Time: Dec 29 03:33:45 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 29 03:29:39 2016
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Manual Integrations
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TIC: BM008702.D

(6) Acenaphthene-d10 (I)

14.280min (-0.069) 0.40ng/ul

response 830

Ion	Exp%	Act%
164.00	100	100
162.00	98.60	105.73
160.00	48.80	65.10#
0.00	0.00	0.00

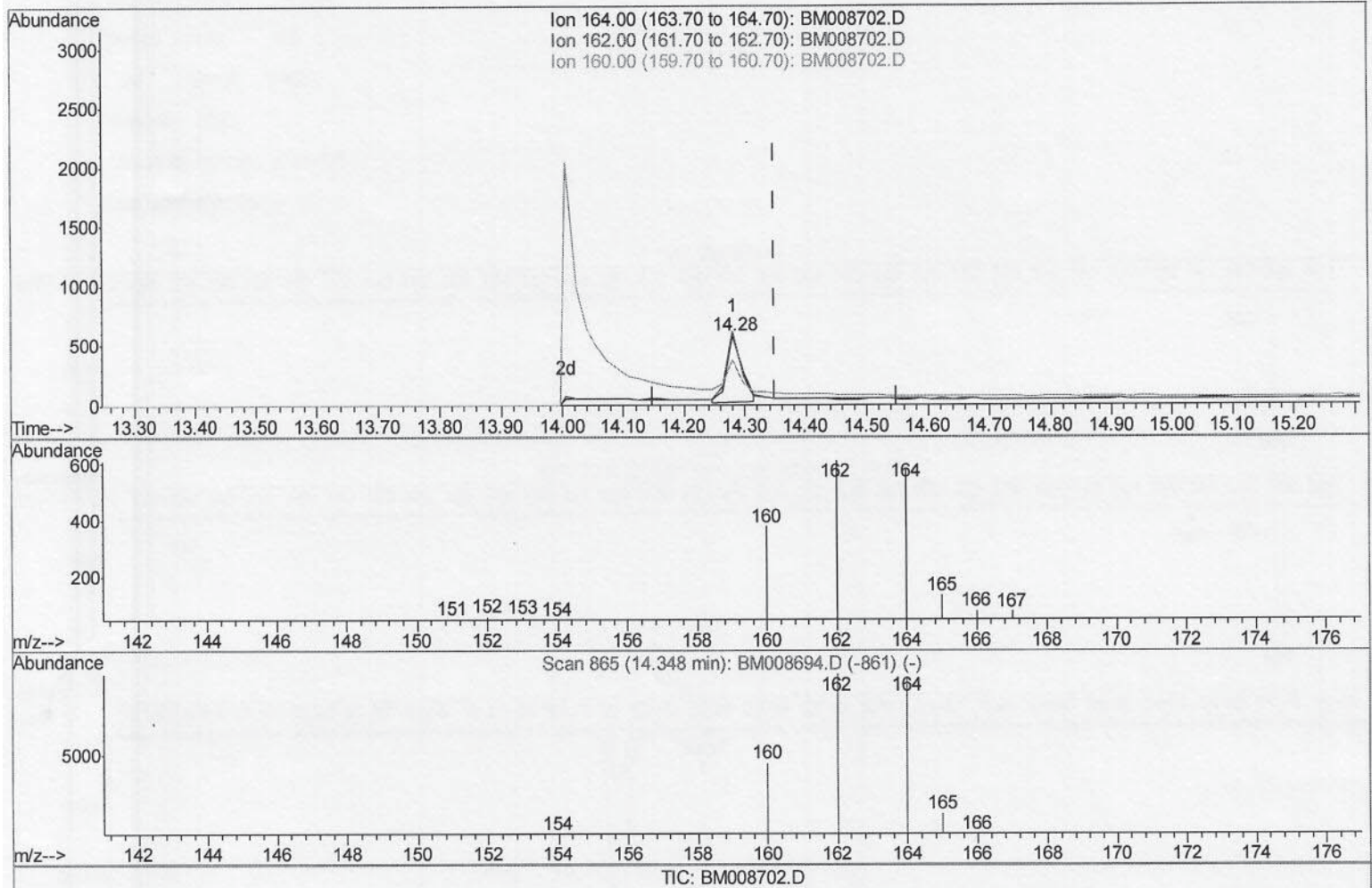
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122816\
 Data File : BM008702.D
 Acq On : 28 Dec 2016 20:20
 Operator : UM/SJ
 Sample : H6067-20
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA7H6

Quant Time: Dec 29 03:33:45 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 29 03:29:39 2016
 Response via : Initial Calibration

Manual Integrations
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(6) Acenaphthene-d10 (I)

14.280min (-0.069) 0.40ng/ul m > $\frac{S.J}{12/30/16}$

response 983

Ion	Exp%	Act%
164.00	100	100
162.00	98.60	105.73
160.00	48.80	65.10#
0.00	0.00	0.00

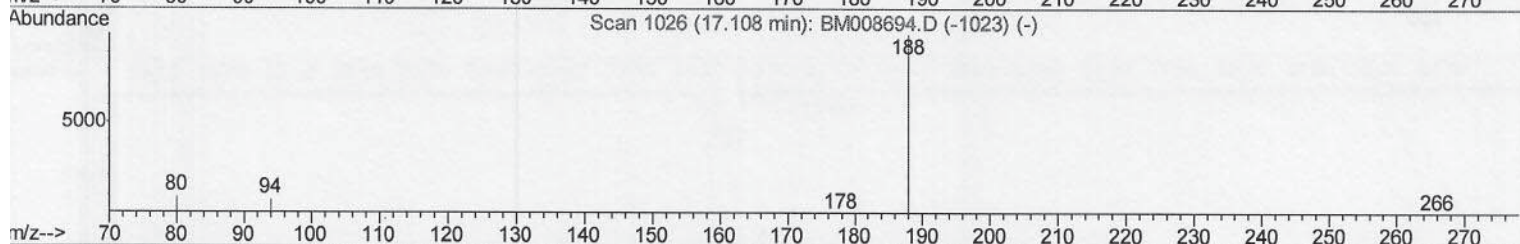
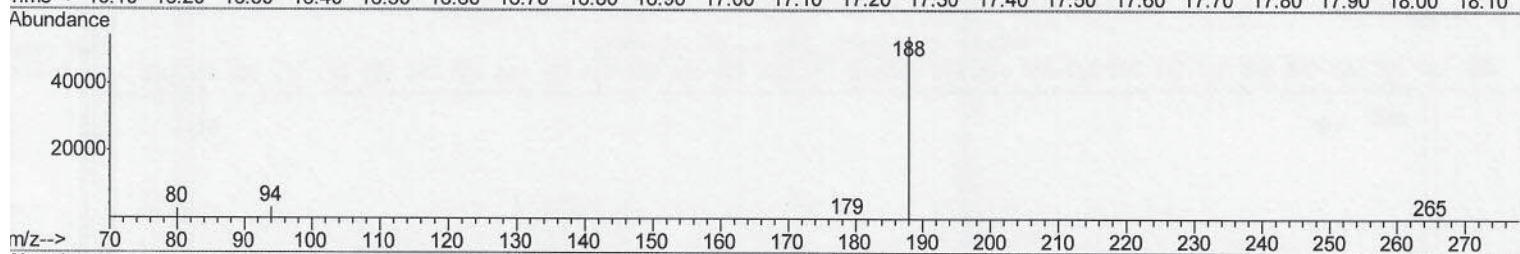
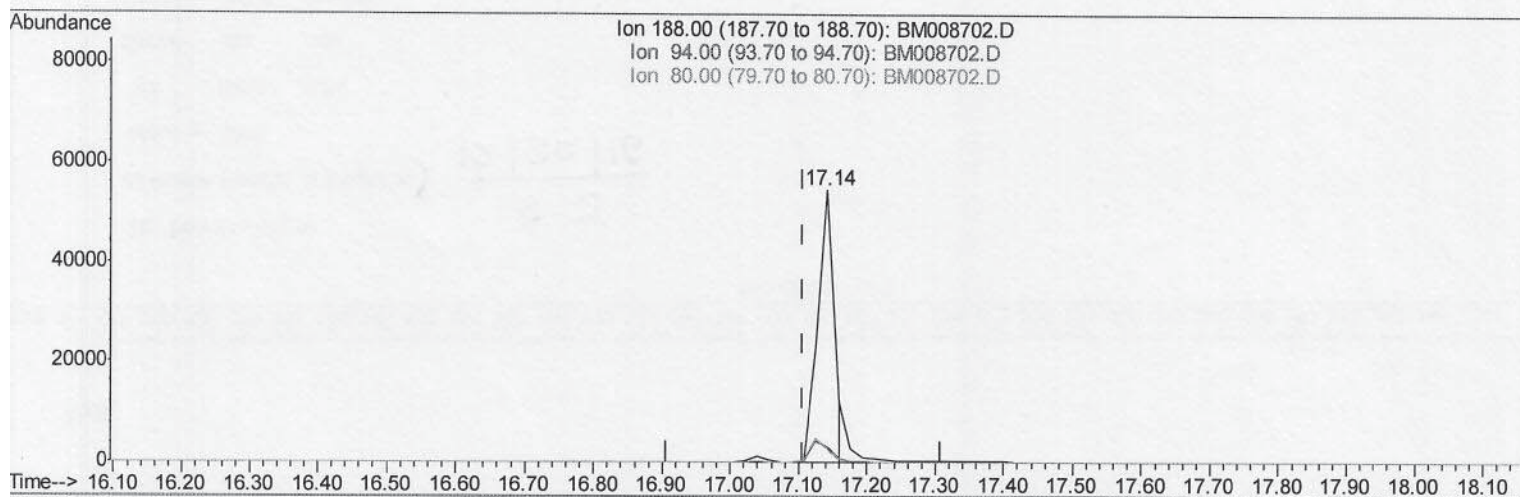
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122816\
Data File : BM008702.D
Acq On : 28 Dec 2016 20:20
Operator : UM/SJ
Sample : H6067-20
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA7H6

Quant Time: Dec 29 03:33:45 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 29 03:29:39 2016
Response via : Initial Calibration

Manual Integrations
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TIC: BM008702.D

(10) Phenanthrene-d10 (I)

17.142min (+0.034) 0.40ng/ul

response 92047

Ion	Exp%	Act%
188.00	100	100
94.00	11.00	5.84#
80.00	11.80	5.23#
0.00	0.00	0.00

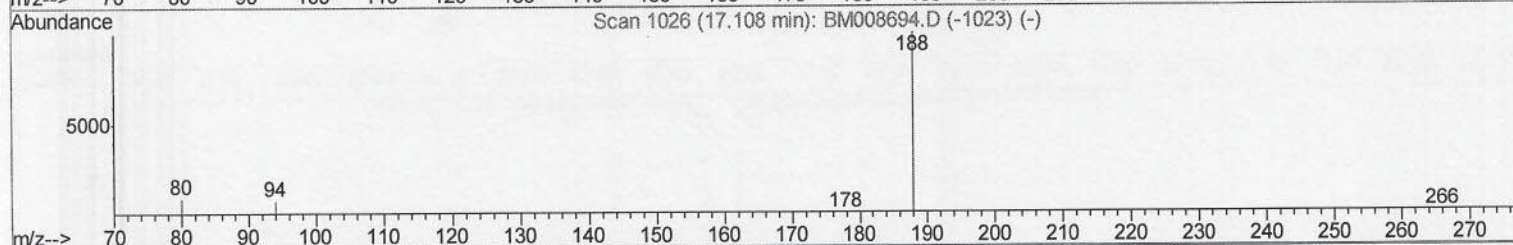
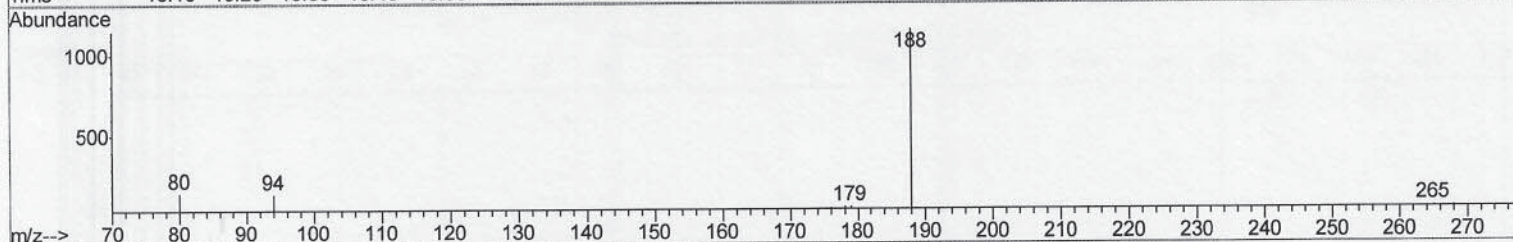
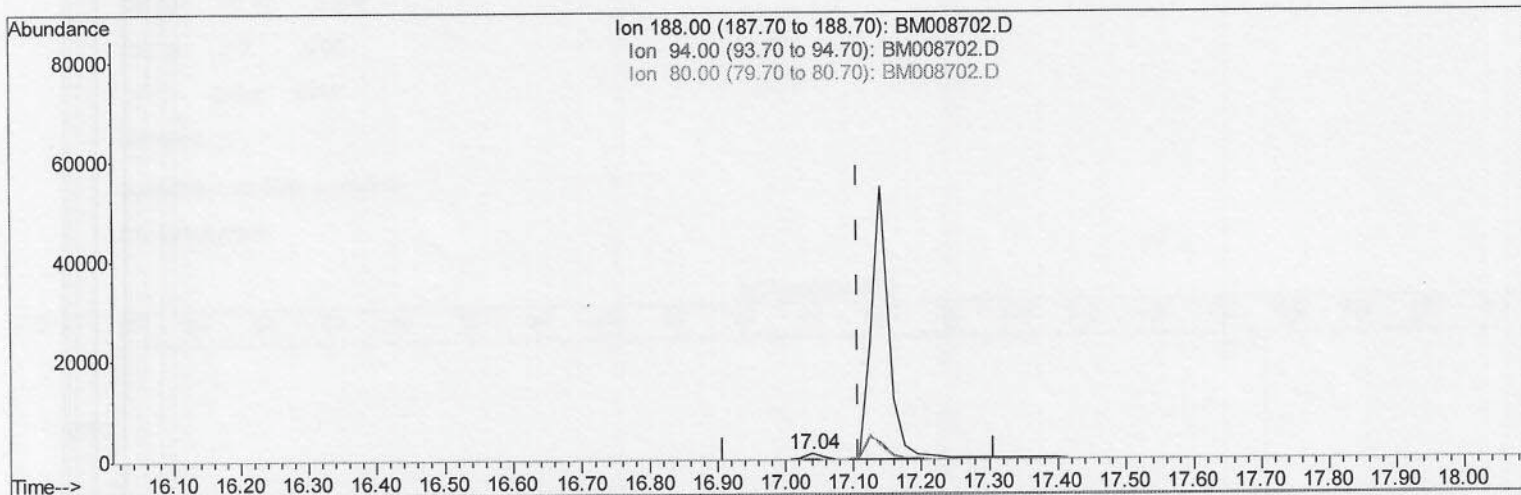
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122816\
 Data File : BM008702.D
 Acq On : 28 Dec 2016 20:20
 Operator : UM/SJ
 Sample : H6067-20
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA7H6

Quant Time: Dec 29 03:33:45 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 29 03:29:39 2016
 Response via : Initial Calibration

Manual Integrations
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TIC: BM008702.D

(10) Phenanthrene-d10 (I)

17.039min (-0.069) 0.40ng/ul m

} $\frac{8.5}{1213016}$

response 1827

Ion	Exp%	Act%
188.00	100	100
94.00	11.00	12.68
80.00	11.80	13.47
0.00	0.00	0.00

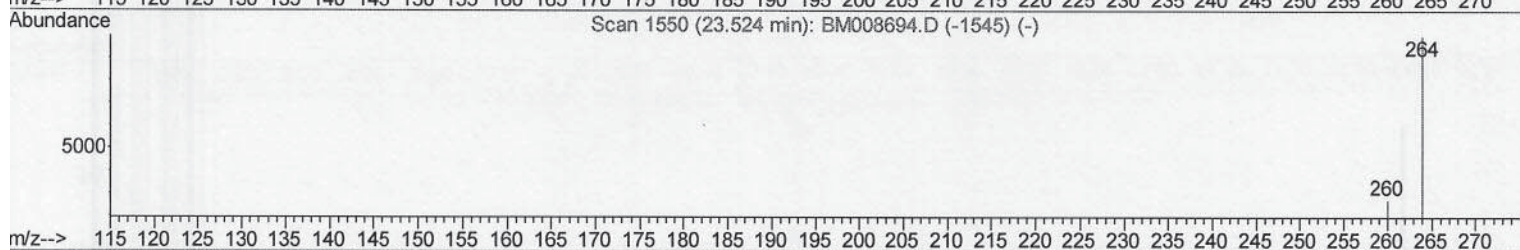
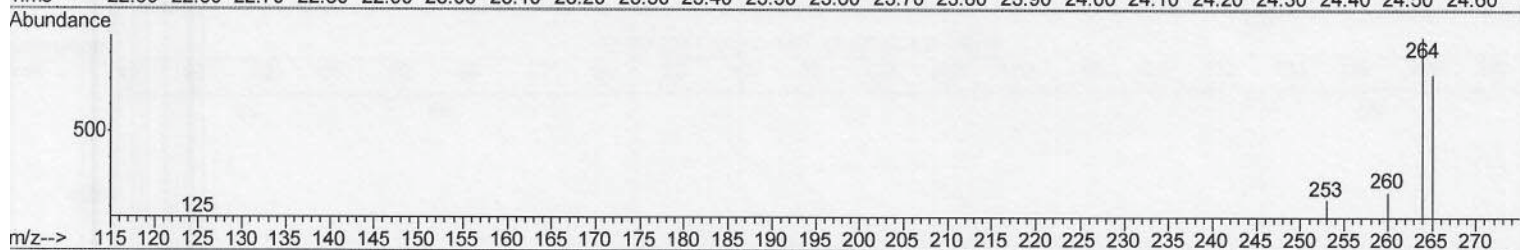
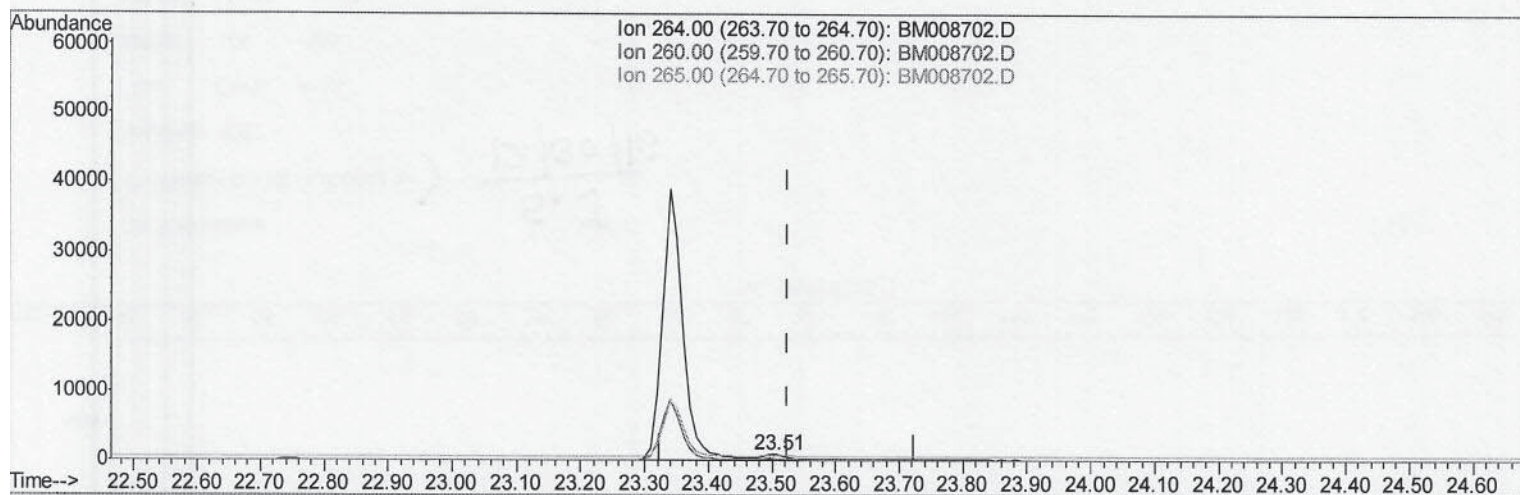
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122816\
Data File : BM008702.D
Acq On : 28 Dec 2016 20:20
Operator : UM/SJ
Sample : H6067-20
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA7H6

Quant Time: Dec 29 03:33:45 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 29 03:29:39 2016
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TIC: BM008702.D

(20) Perylene-d12 (I)

23.507min (-0.017) 0.40ng/ul

response 2195

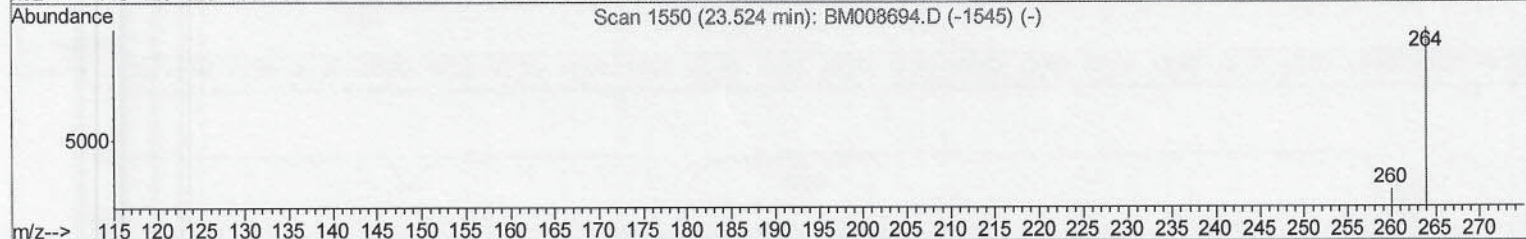
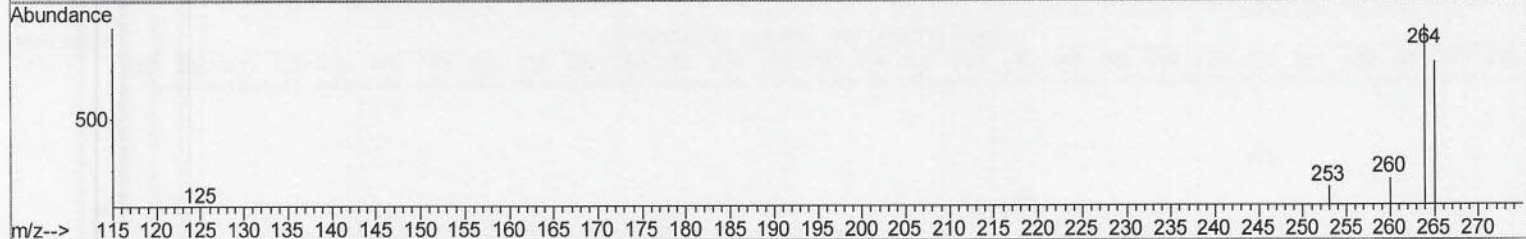
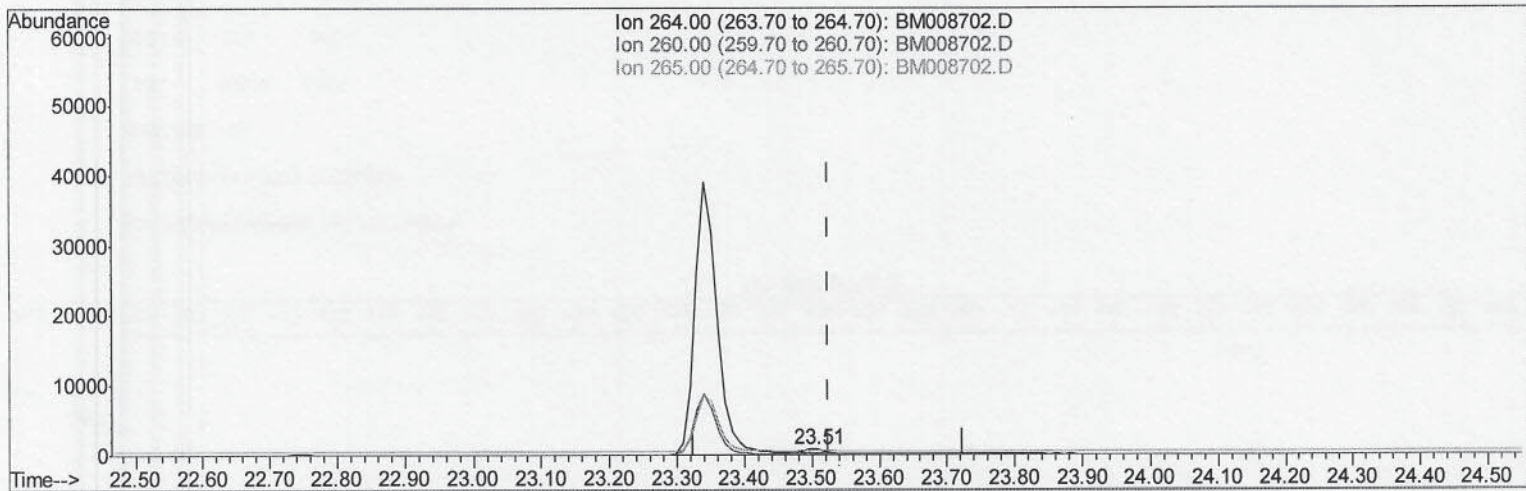
Ion	Exp%	Act%
264.00	100	100
260.00	30.10	30.33
265.00	103.50	83.39
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122816\
 Data File : BM008702.D
 Acq On : 28 Dec 2016 20:20
 Operator : UM/SJ
 Sample : H6067-20
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA7H6

Quant Time: Dec 29 03:33:45 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 29 03:29:39 2016
 Response via : Initial Calibration

Manual Integrations
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TIC: BM008702.D

(20) Perylene-d12 (I)

23.507min (-0.017) 0.40ng/ul m > $\frac{S.J}{12/30/16}$

response 1456

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	30.33
265.00	103.50	83.39
0.00	0.00	0.00

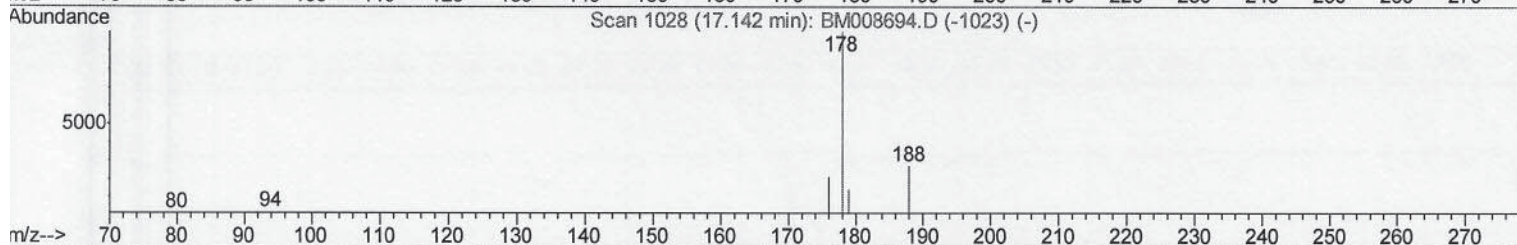
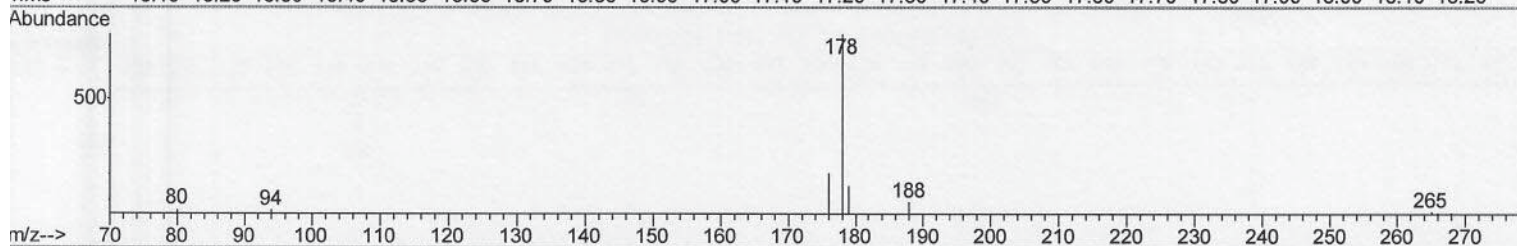
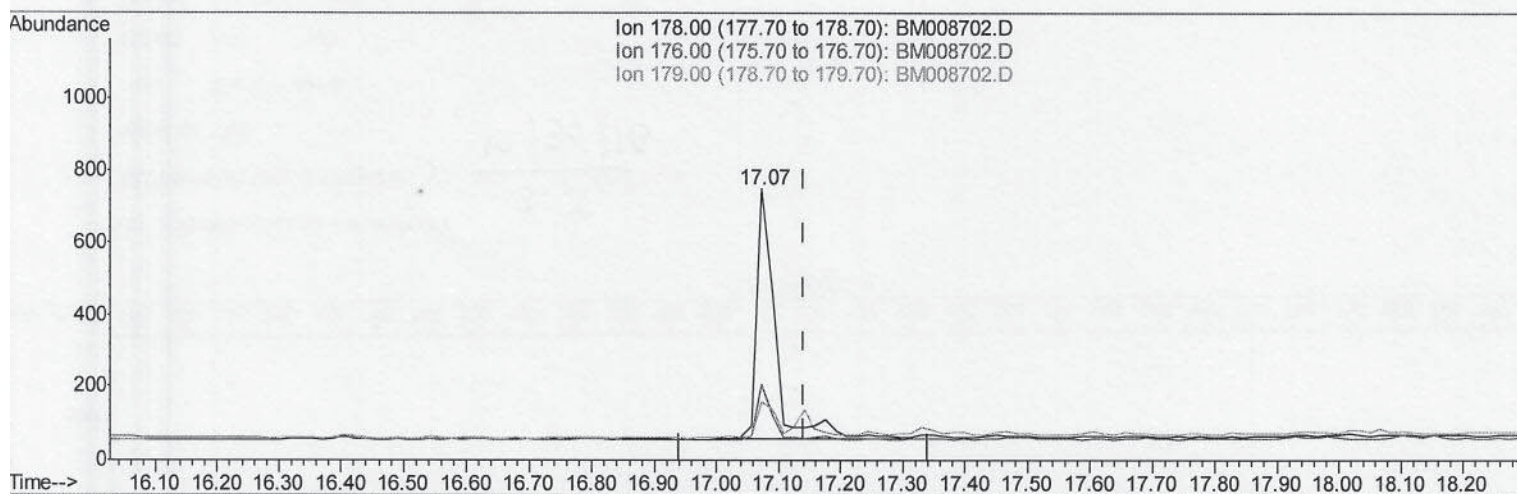
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122816\
 Data File : BM008702.D
 Acq On : 28 Dec 2016 20:20
 Operator : UM/SJ
 Sample : H6067-20
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA7H6

Quant Time: Dec 29 04:27:57 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 29 03:29:39 2016
 Response via : Initial Calibration

Manual Integrations
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TIC: BM008702.D

(12) Phenanthrene

17.073min (-0.069) 0.25ng/ul

response 1400

Ion	Exp%	Act%
178.00	100	100
176.00	23.00	27.33
179.00	17.00	21.07#
0.00	0.00	0.00

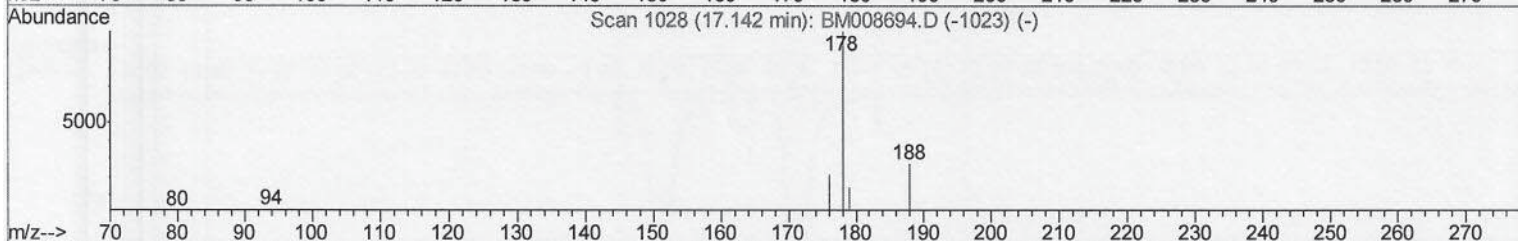
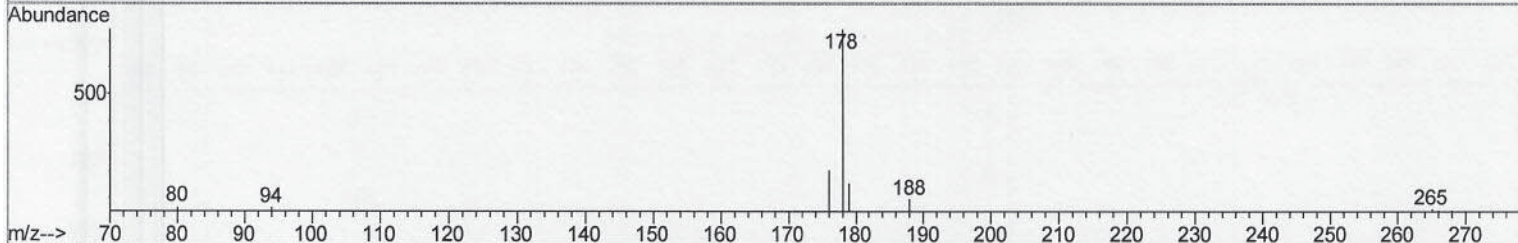
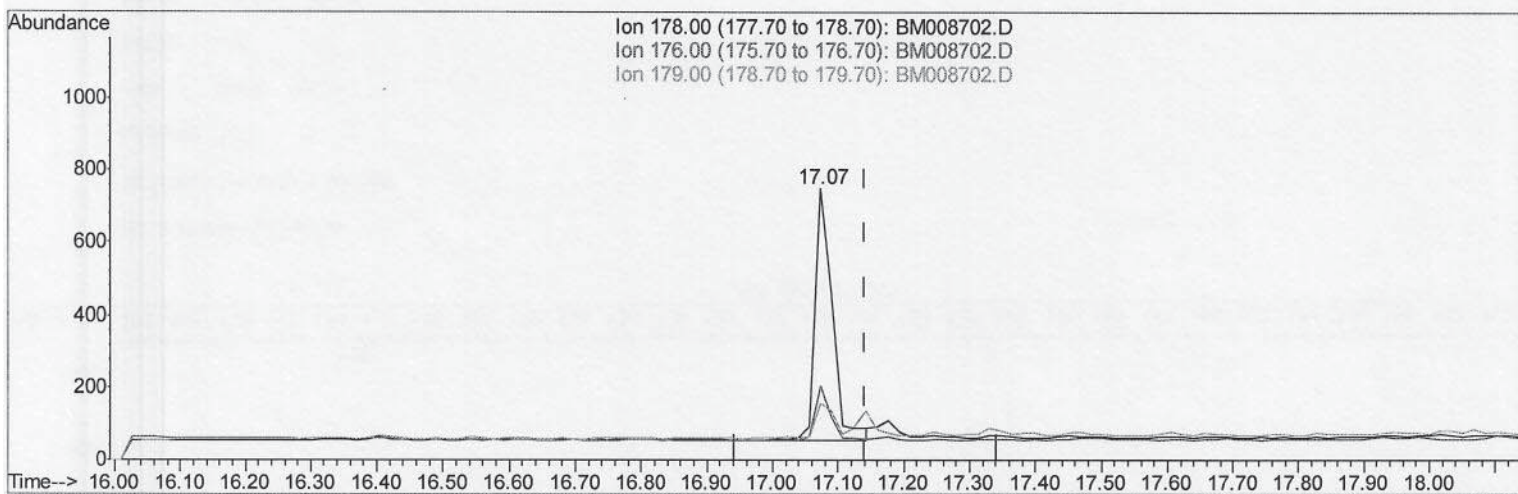
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122816\
 Data File : BM008702.D
 Acq On : 28 Dec 2016 20:20
 Operator : UM/SJ
 Sample : H6067-20
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA7H6

Quant Time: Dec 29 04:27:57 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 29 03:29:39 2016
 Response via : Initial Calibration

Manual Integrations
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TIC: BM008702.D

(12) Phenanthrene

17.073min (-0.069) 0.23ng/ul m > $\frac{S-J}{12/30/16}$

response 1303

Ion	Exp%	Act%
178.00	100	100
176.00	23.00	27.33
179.00	17.00	21.07#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122816\
 Data File : BM008702.D
 Acq On : 28 Dec 2016 20:20
 Operator : UM/SJ
 Sample : H6067-20
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA7H6

Quant Time: Dec 29 04:30:51 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 29 03:29:39 2016
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	418m	0.40	ng/ul	-0.17
2) Naphthalene-d8	10.43	136	1409	0.40	ng/ul	-0.13
6) Acenaphthene-d10	14.28	164	983m	0.40	ng/ul	-0.07
10) Phenanthrene-d10	17.04	188	1827m	0.40	ng/ul	-0.07
16) Chrysene-d12	21.28	240	1730	0.40	ng/ul	0.00
20) Perylene-d12	23.51	264	1456m	0.40	ng/ul	-0.02

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System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.06	152	439	0.20	ng/ul	-0.10
14) Fluoranthene-d10	19.09	212	1162	0.23	ng/ul	-0.04

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	10.48	128	431	0.11	ng/ul#	65
5) 2-Methylnaphthalene	12.13	142	515	0.19	ng/ul	100
12) Phenanthrene	17.07	178	1303m	0.23	ng/ul	77
15) Fluoranthene	19.11	202	813	0.12	ng/ul	65
17) Pyrene	19.48	202	837	0.13	ng/ul#	57
18) Benzo(a)anthracene	21.26	228	463	0.08	ng/ul#	61
19) Chrysene	21.31	228	450	0.07	ng/ul#	10
23) Benzo(a)pyrene	23.38	252	307	0.06	ng/ul#	92
24) Indeno(1,2,3-cd)pyrene	25.79	276	206	0.03	ng/ul#	

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

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122816\
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 Operator : UM/SJ
 Sample : H6067-20
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Quant Time: Dec 29 04:30:51 2016
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