

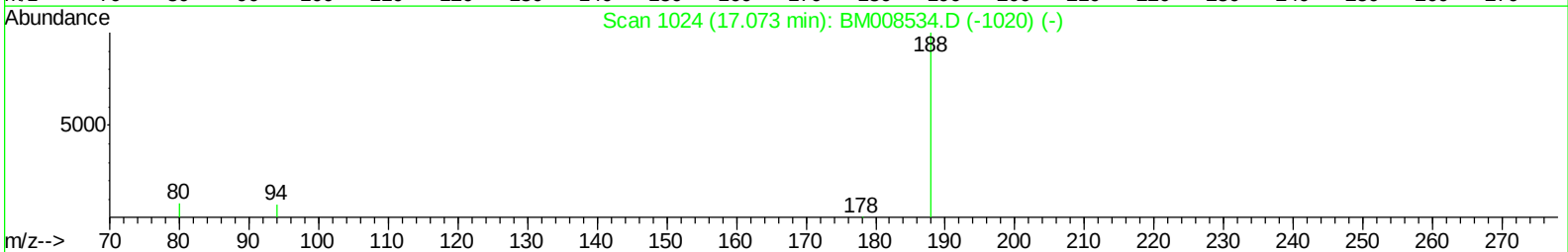
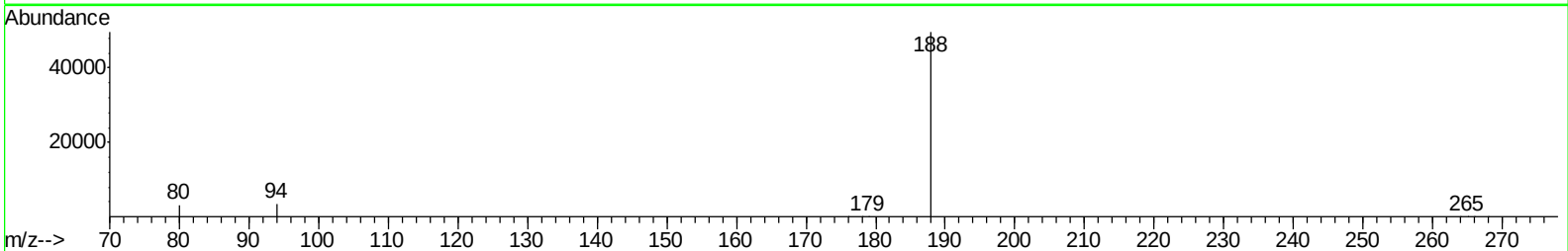
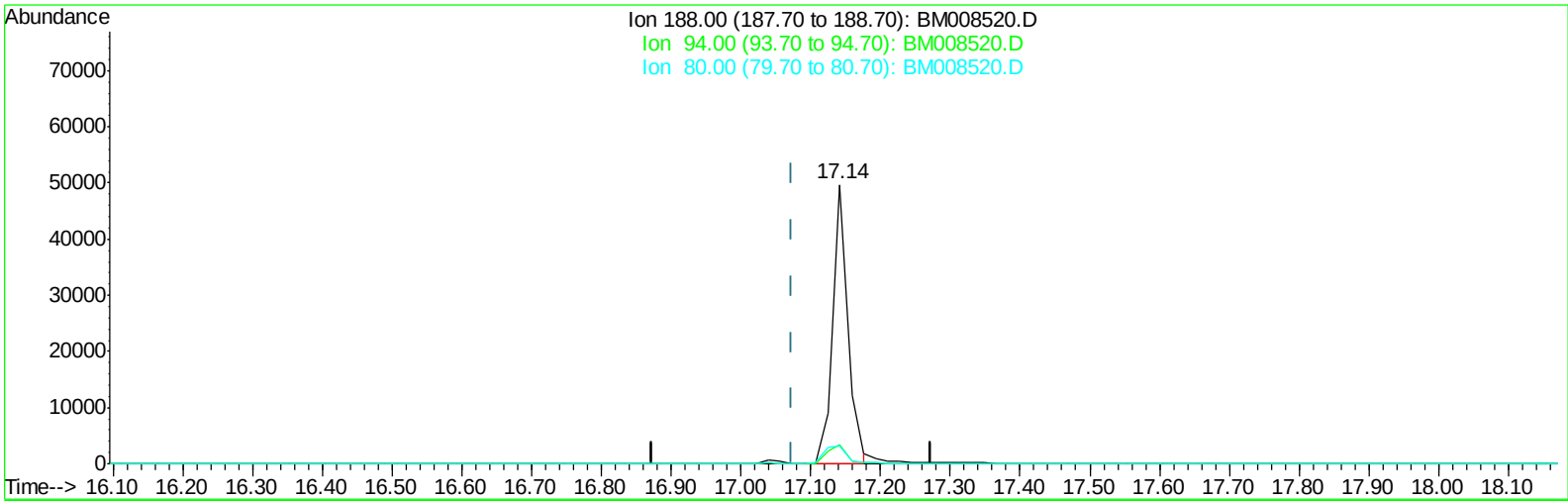
Data Path : Z:\HPCHEM1\BNA_M\Data\BM122116\
Data File : BM008520.D
Acq On : 21 Dec 2016 16:58
Operator : UM/SJ
Sample : H6040-12
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA8W5

Manual Integrations
APPROVED

Sohil
12/22/2016 12:35:22 PM

Quant Time: Dec 22 09:41:54 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 22 02:22:34 2016
Response via : Initial Calibration



TIC: BM008520.D

(10) Phenanthrene-d10 (I)
17.142min (+0.069) 0.40ng/ul
response 74615

Ion	Exp%	Act%
188.00	100	100
94.00	11.00	7.03#
80.00	11.80	6.43#
0.00	0.00	0.00

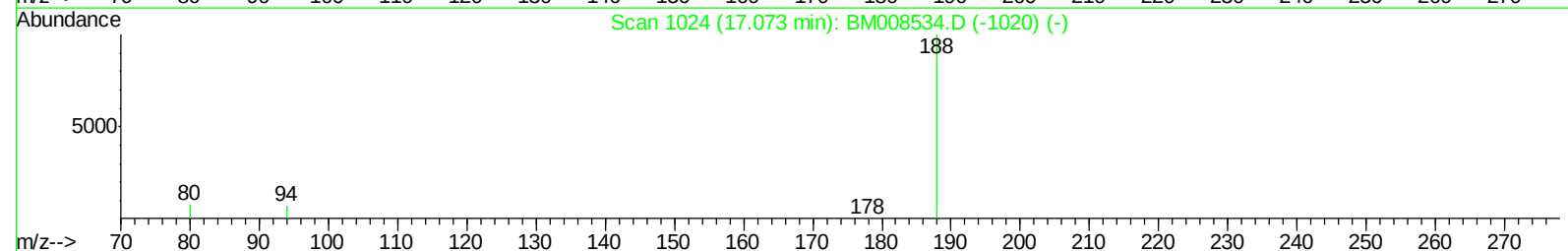
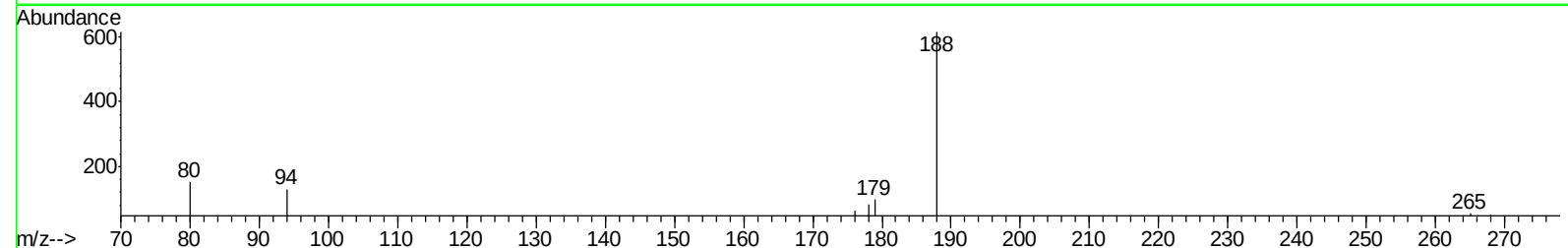
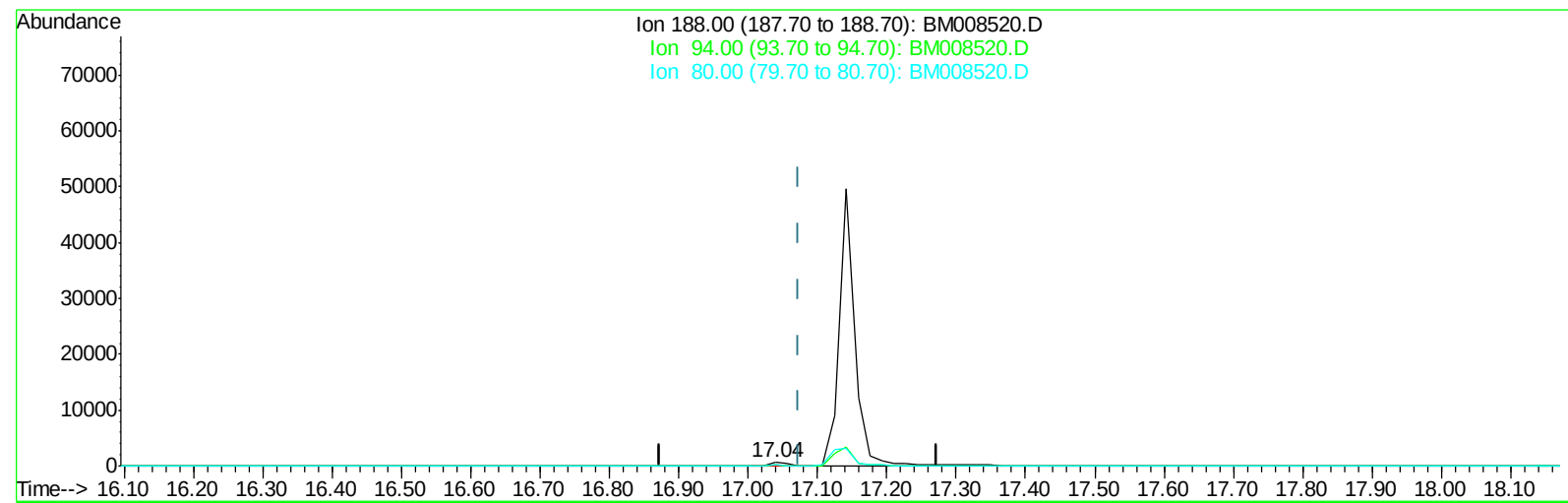
Data Path : Z:\HPCHEM1\BNA_M\Data\BM122116\
Data File : BM008520.D
Acq On : 21 Dec 2016 16:58
Operator : UM/SJ
Sample : H6040-12
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA8W5

Manual Integrations
APPROVED

Sohil
12/22/2016 12:35:22 PM

Quant Time: Dec 22 09:41:54 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration



TIC: BM008520.D

(10) Phenanthrene-d10 (I)

17.039min (-0.034) 0.40ng/ul m

response 1118

Ion	Exp%	Act%
188.00	100	100
94.00	11.00	20.78#
80.00	11.80	24.51#
0.00	0.00	0.00

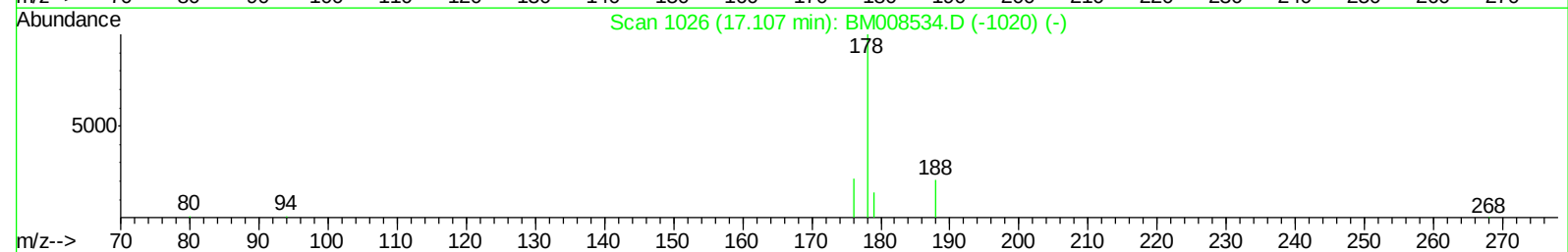
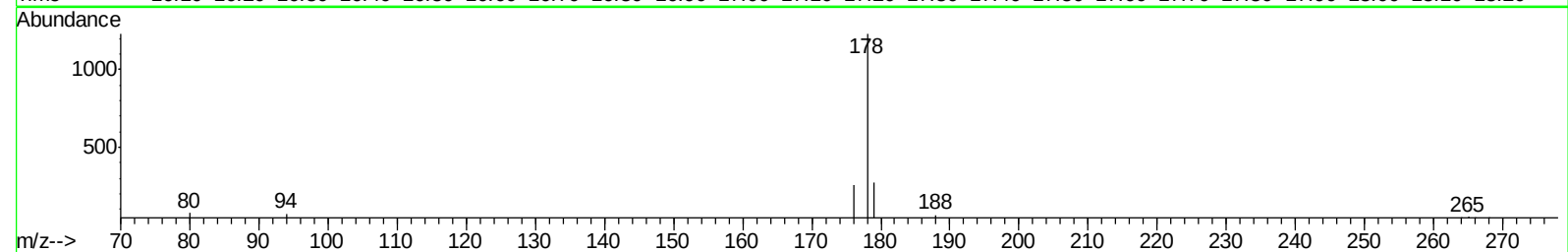
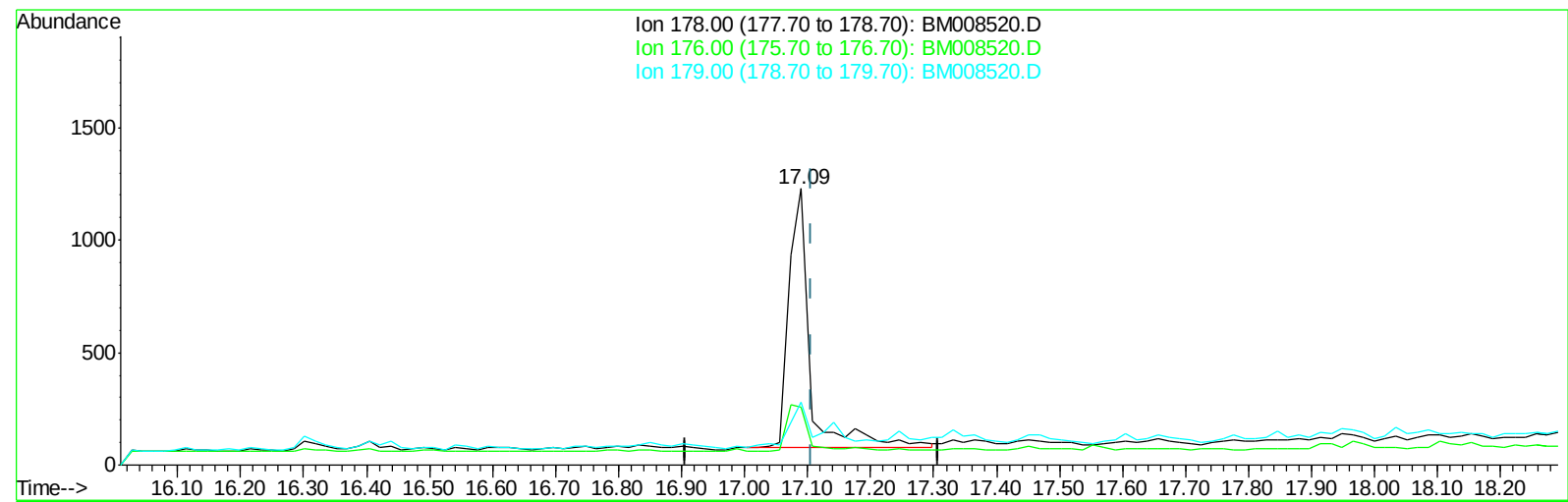
Data Path : Z:\HPCHEM1\BNA_M\Data\BM122116\
Data File : BM008520.D
Acq On : 21 Dec 2016 16:58
Operator : UM/SJ
Sample : H6040-12
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA8W5

Manual Integrations
APPROVED

Sohil
12/22/2016 12:35:22 PM

Quant Time: Dec 22 09:44:24 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 22 02:22:34 2016
Response via : Initial Calibration



TIC: BM008520.D

(12) Phenanthrene

17.090min (-0.017) 0.80ng/ul

response 2733

Ion	Exp%	Act%
178.00	100	100
176.00	23.00	21.06
179.00	17.00	22.52#
0.00	0.00	0.00

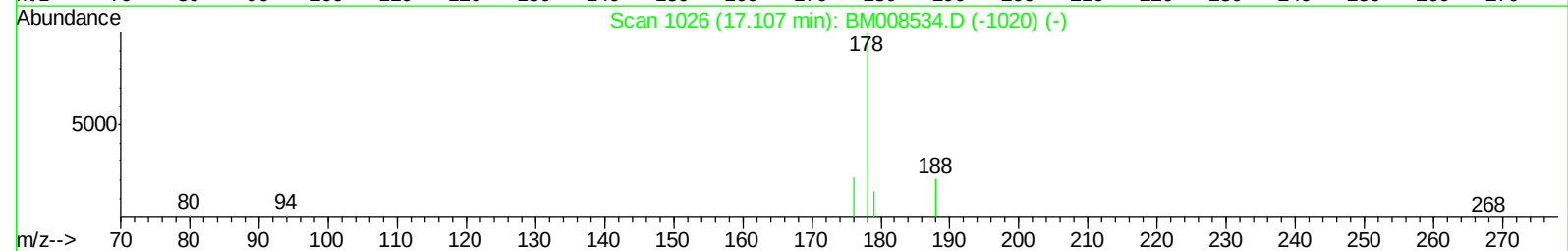
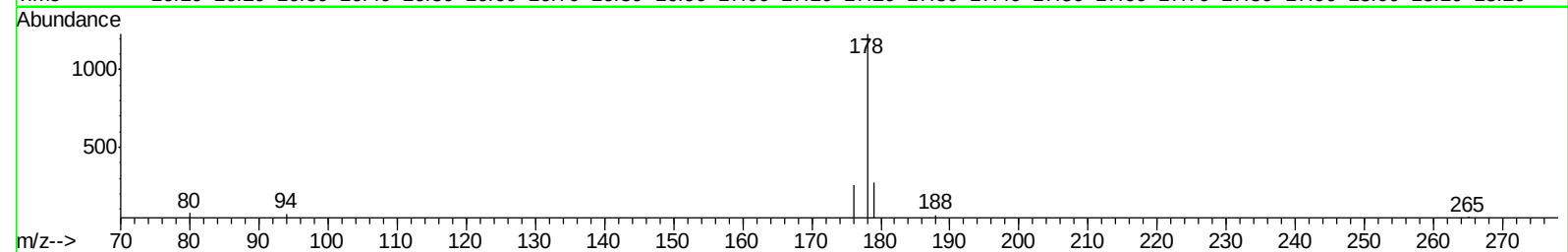
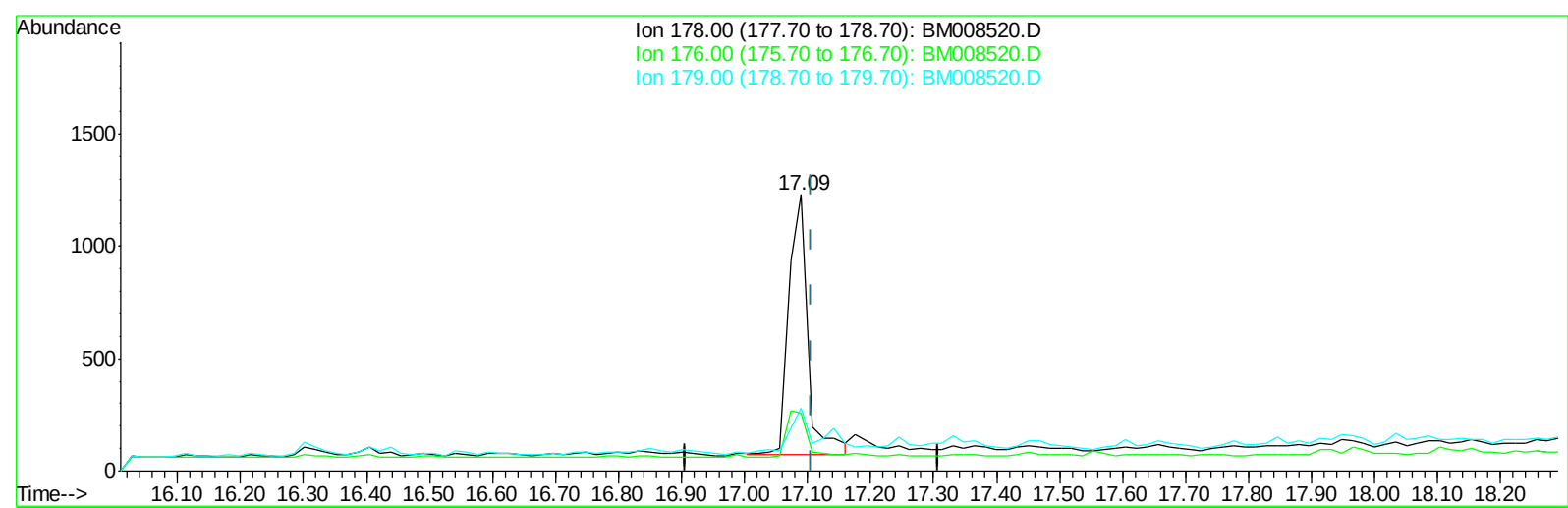
Data Path : Z:\HPCHEM1\BNA_M\Data\BM122116\
Data File : BM008520.D
Acq On : 21 Dec 2016 16:58
Operator : UM/SJ
Sample : H6040-12
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA8W5

Manual Integrations
APPROVED

Sohil
12/22/2016 12:35:22 PM

Quant Time: Dec 22 09:44:24 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 22 02:22:34 2016
Response via : Initial Calibration



TIC: BM008520.D

(12) Phenanthrene

17.090min (-0.017) 0.71ng/ul m

response 2430

Ion	Exp%	Act%
178.00	100	100
176.00	23.00	21.06
179.00	17.00	22.52#
0.00	0.00	0.00

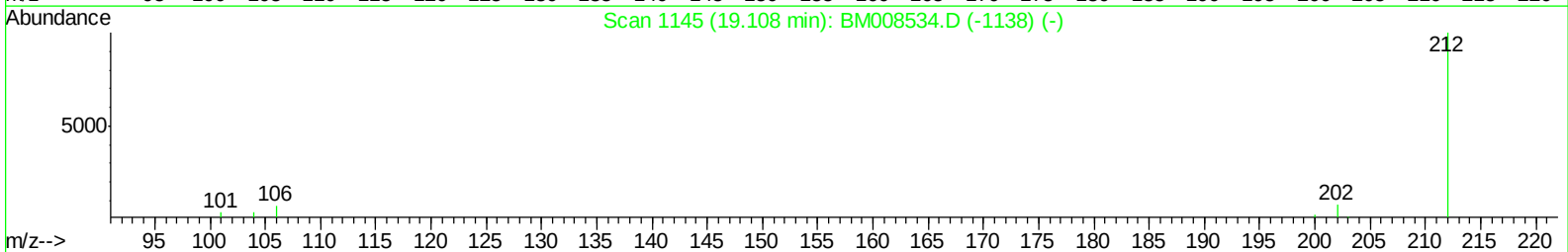
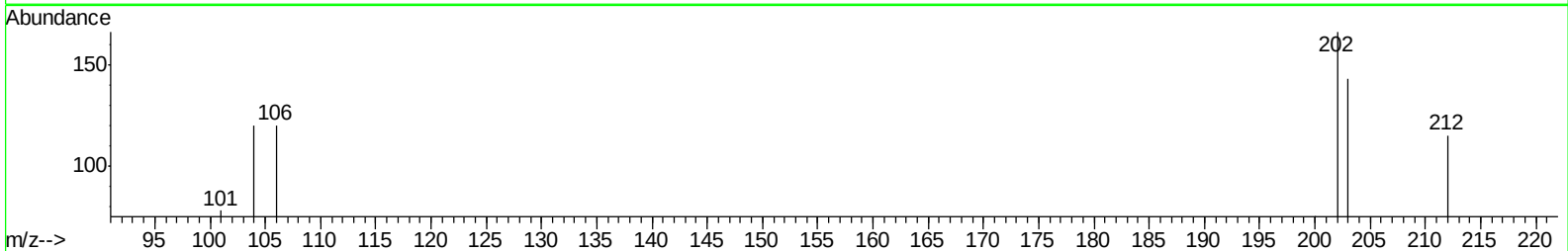
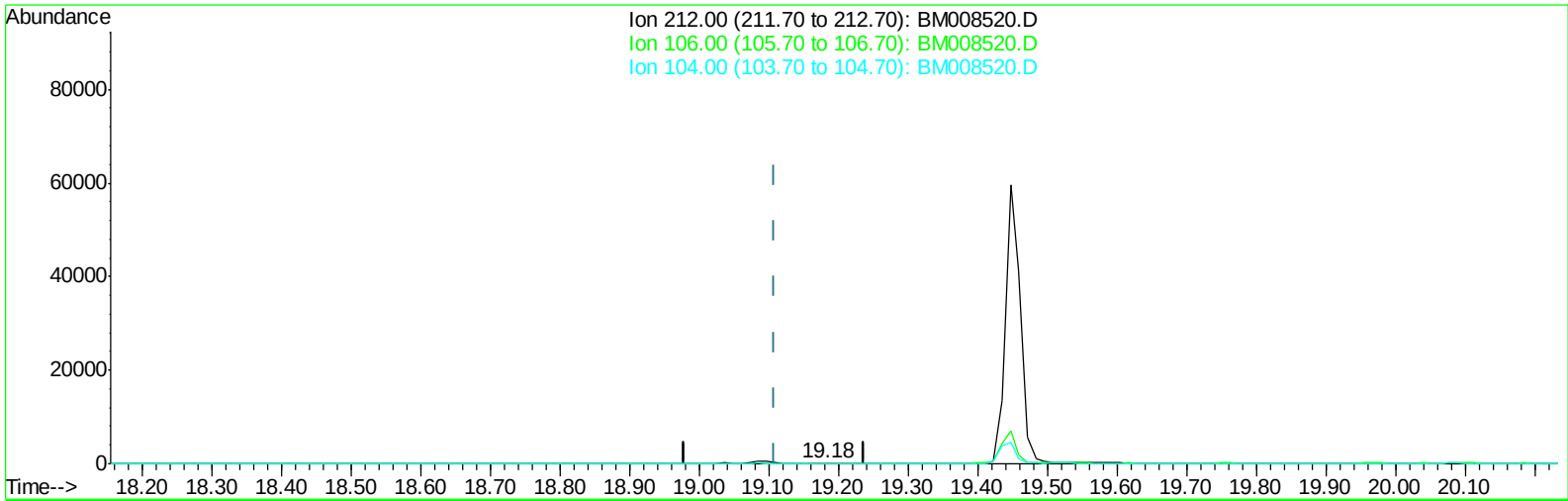
Data Path : Z:\HPCHEM1\BNA_M\Data\BM122116\
Data File : BM008520.D
Acq On : 21 Dec 2016 16:58
Operator : UM/SJ
Sample : H6040-12
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Manual Integrations
APPROVED

Sohil
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Quant Time: Dec 22 09:44:24 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 22 02:22:34 2016
Response via : Initial Calibration



TIC: BM008520.D

(14) Fluoranthene-d10 (SURR)

19.181min (+0.073) 0.03ng/ul

response 78

Ion	Exp%	Act%
212.00	100	100
106.00	18.30	64.10#
104.00	15.60	28.21#
0.00	0.00	0.00

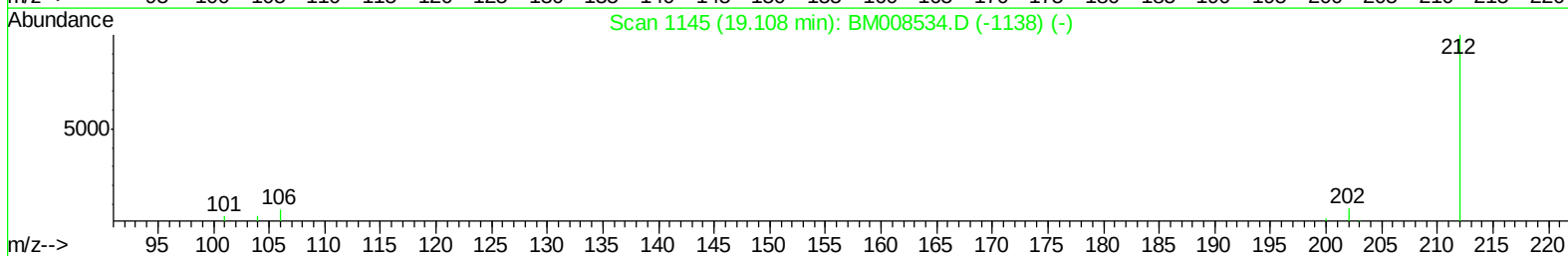
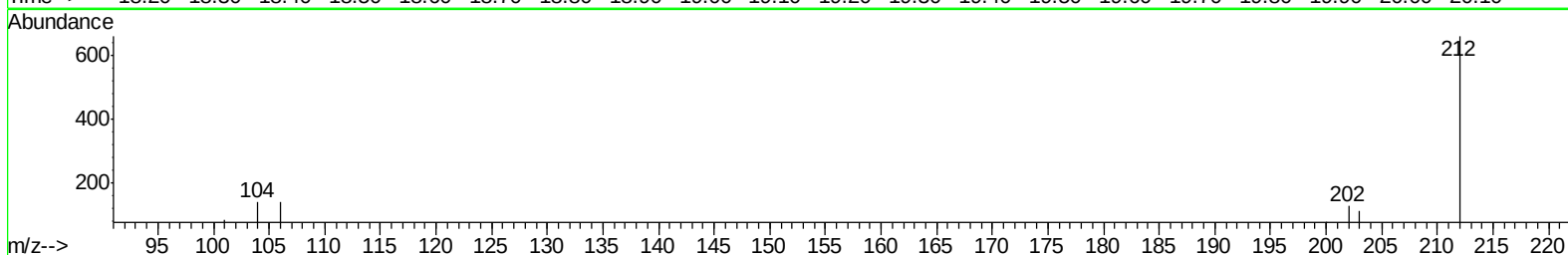
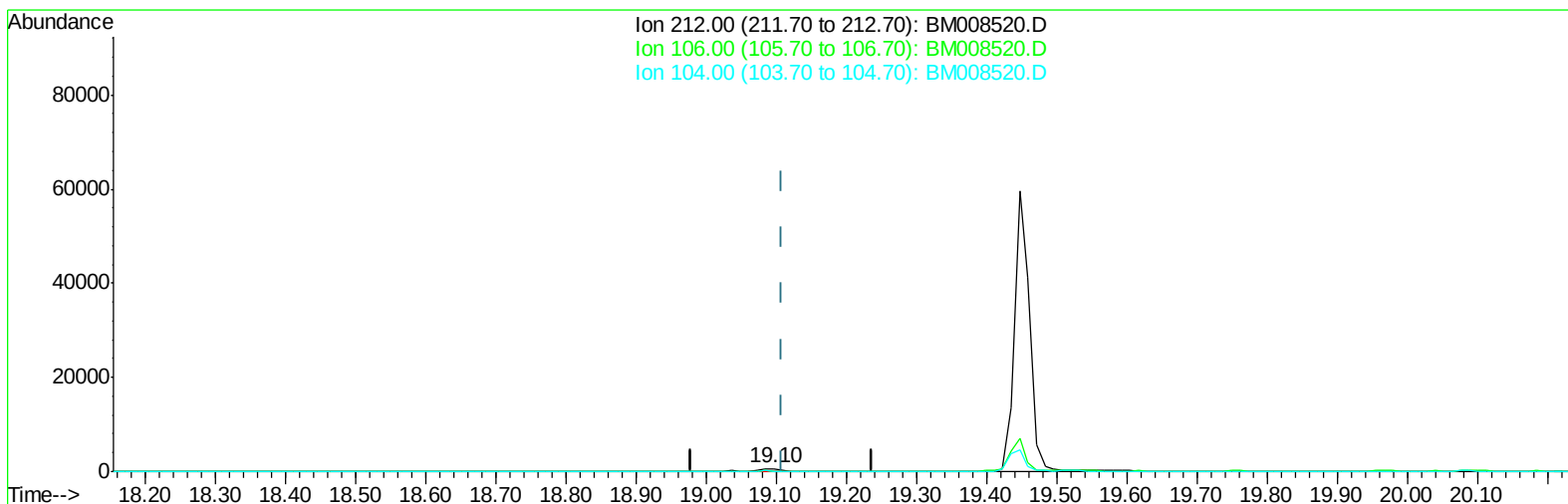
Data Path : Z:\HPCHEM1\BNA_M\Data\BM122116\
Data File : BM008520.D
Acq On : 21 Dec 2016 16:58
Operator : UM/SJ
Sample : H6040-12
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA8W5

Manual Integrations
APPROVED

Sohil
12/22/2016 12:35:22 PM

Quant Time: Dec 22 09:44:24 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 22 02:22:34 2016
Response via : Initial Calibration



TIC: BM008520.D

(14) Fluoranthene-d10 (SURR)

19.096min (-0.012) 0.29ng/ul m

response 905

Ion	Exp%	Act%
212.00	100	100
106.00	18.30	5.52#
104.00	15.60	2.43#
0.00	0.00	0.00

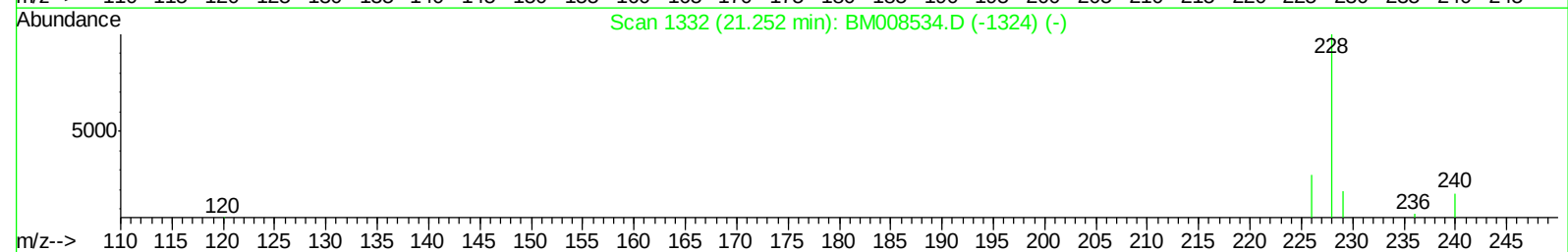
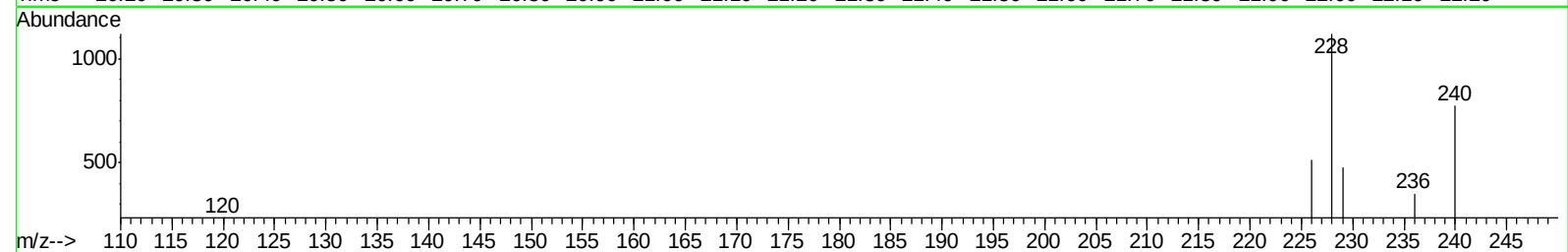
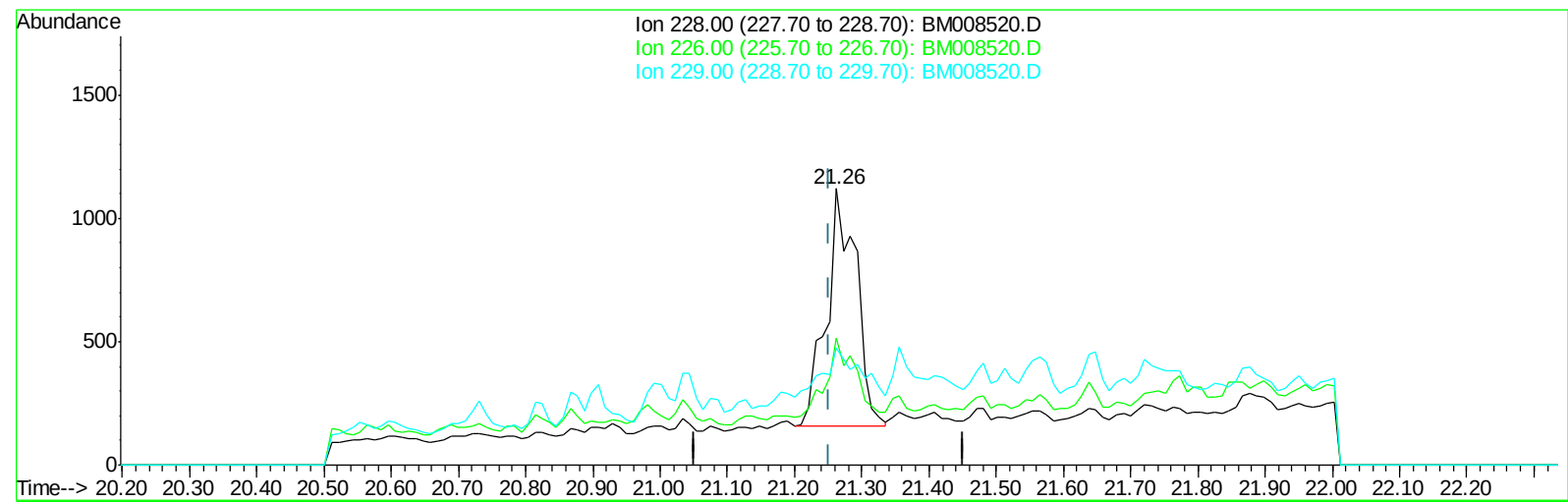
Data Path : Z:\HPCHEM1\BNA_M\Data\BM122116\
Data File : BM008520.D
Acq On : 21 Dec 2016 16:58
Operator : UM/SJ
Sample : H6040-12
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA8W5

Manual Integrations
APPROVED

Sohil
12/22/2016 12:35:22 PM

Quant Time: Dec 22 09:44:24 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 22 02:22:34 2016
Response via : Initial Calibration



TIC: BM008520.D

(18) Benzo(a)anthracene
21.262min (+0.010) 0.73ng/ul
response 2951

Ion	Exp%	Act%
228.00	100	100
226.00	28.50	45.85#
229.00	21.30	42.46#
0.00	0.00	0.00

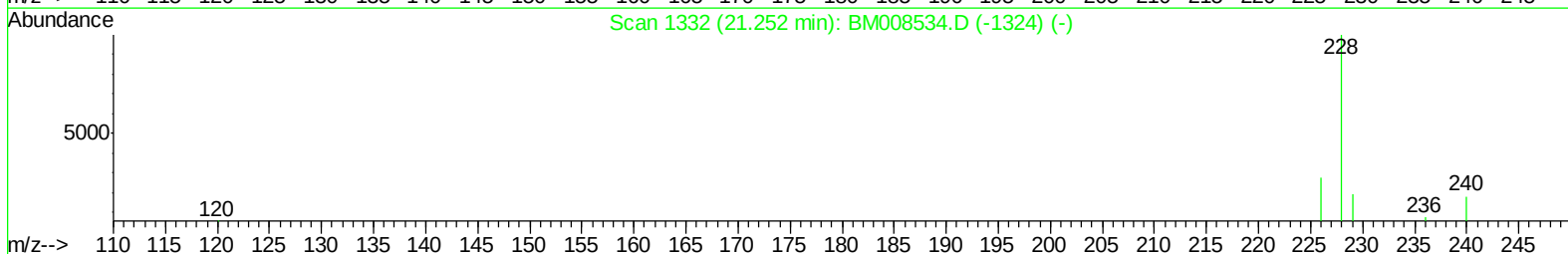
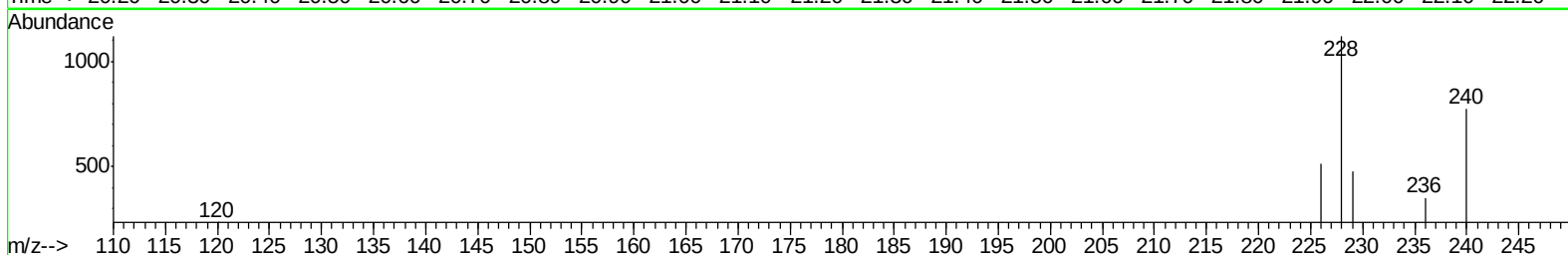
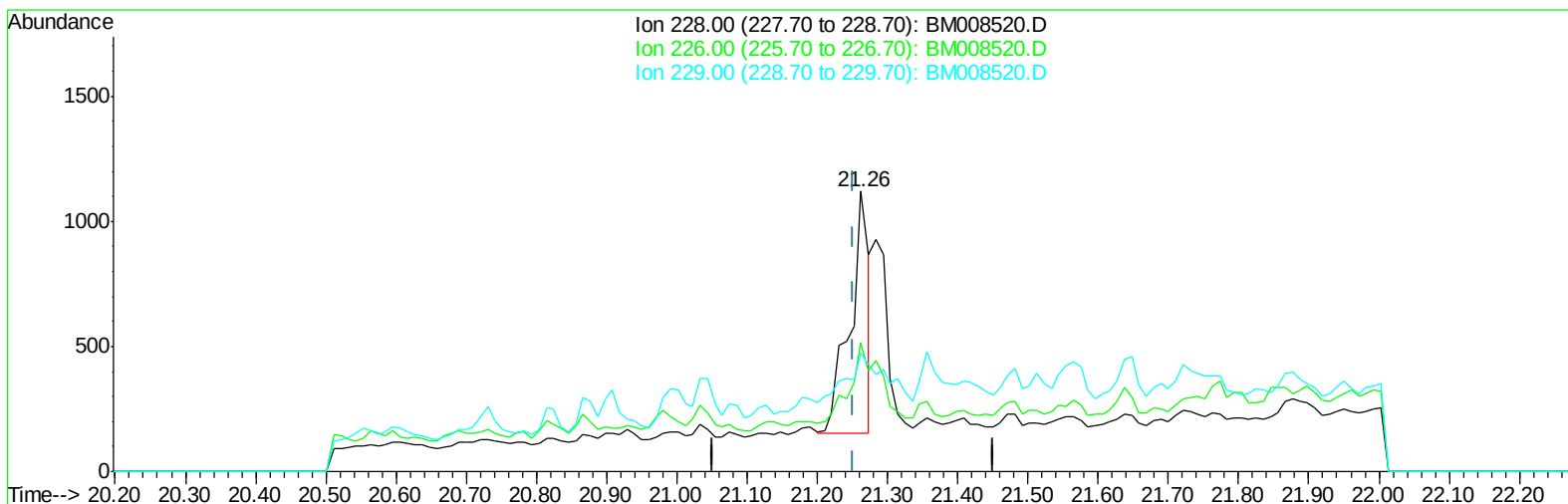
Data Path : Z:\HPCHEM1\BNA_M\Data\BM122116\
Data File : BM008520.D
Acq On : 21 Dec 2016 16:58
Operator : UM/SJ
Sample : H6040-12
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA8W5

Manual Integrations
APPROVED

Sohil
12/22/2016 12:35:22 PM

Quant Time: Dec 22 09:44:24 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 22 02:22:34 2016
Response via : Initial Calibration



TIC: BM008520.D

(18) Benzo(a)anthracene

21.262min (+0.010) 0.45ng/ul m

response 1829

Ion	Exp%	Act%
228.00	100	100
226.00	28.50	45.85#
229.00	21.30	42.46#
0.00	0.00	0.00

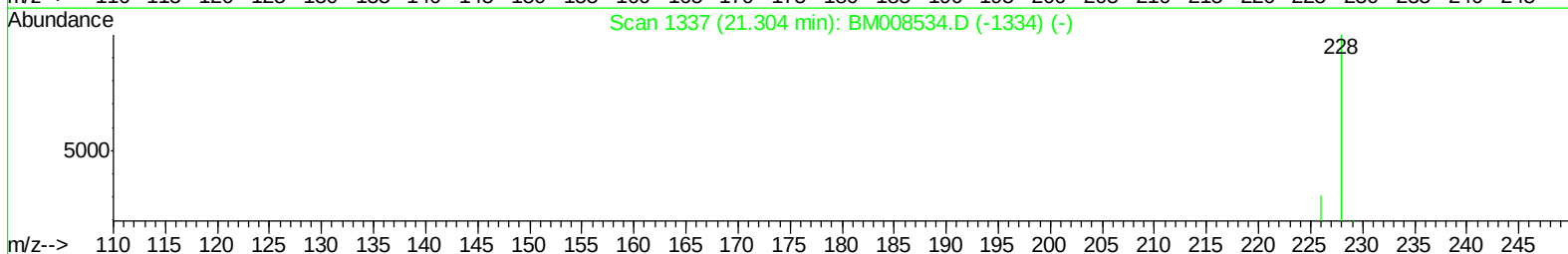
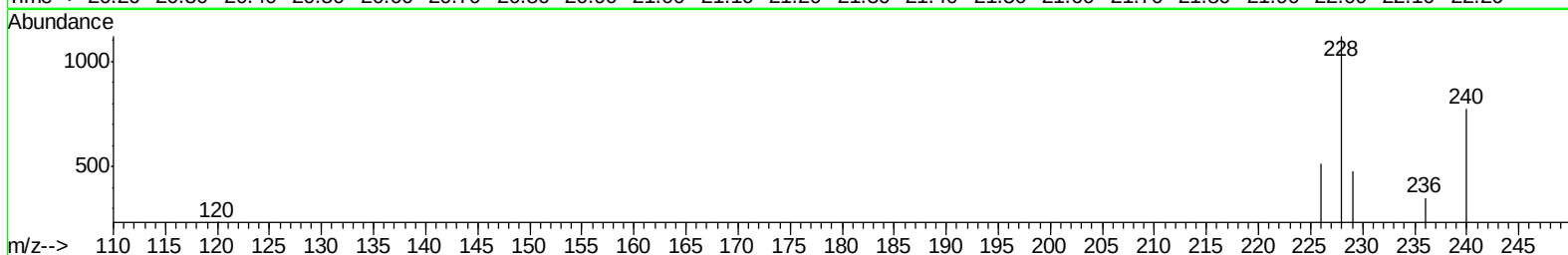
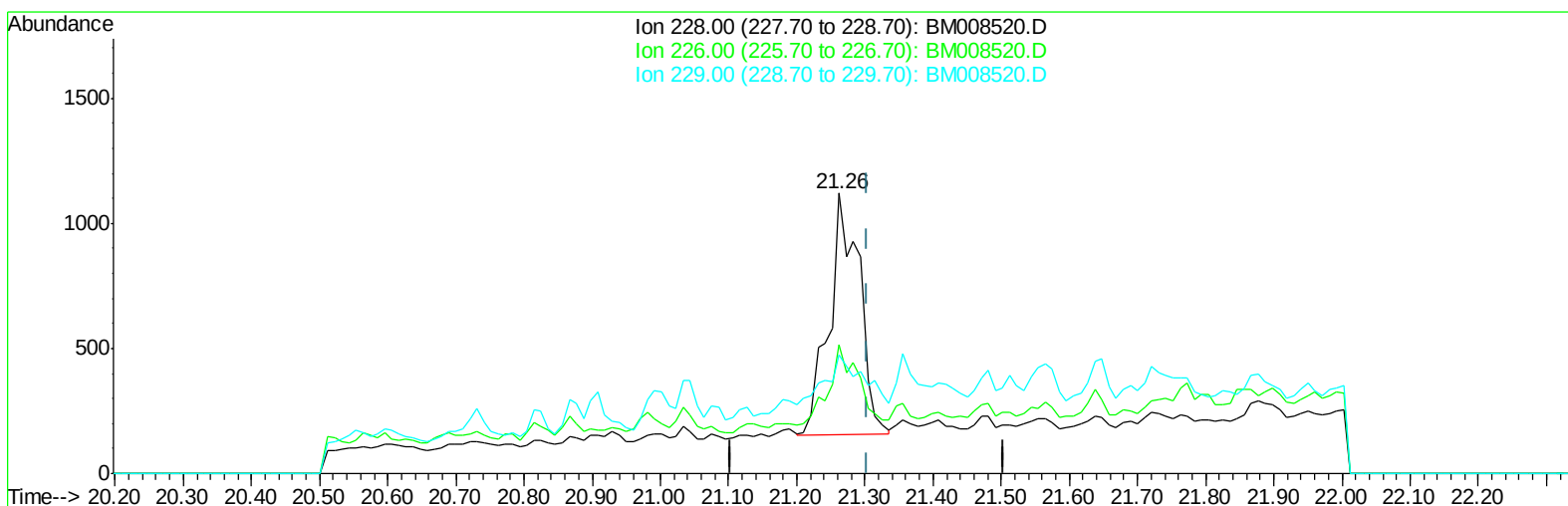
Data Path : Z:\HPCHEM1\BNA_M\Data\BM122116\
Data File : BM008520.D
Acq On : 21 Dec 2016 16:58
Operator : UM/SJ
Sample : H6040-12
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA8W5

Manual Integrations
APPROVED

Sohil
12/22/2016 12:35:22 PM

Quant Time: Dec 22 09:44:24 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 22 02:22:34 2016
Response via : Initial Calibration



TIC: BM008520.D

(19) Chrysene

21.262min (-0.042) 0.67ng/ul

response 2964

Ion	Exp%	Act%
228.00	100	100
226.00	29.20	45.85#
229.00	22.10	42.46#
0.00	0.00	0.00

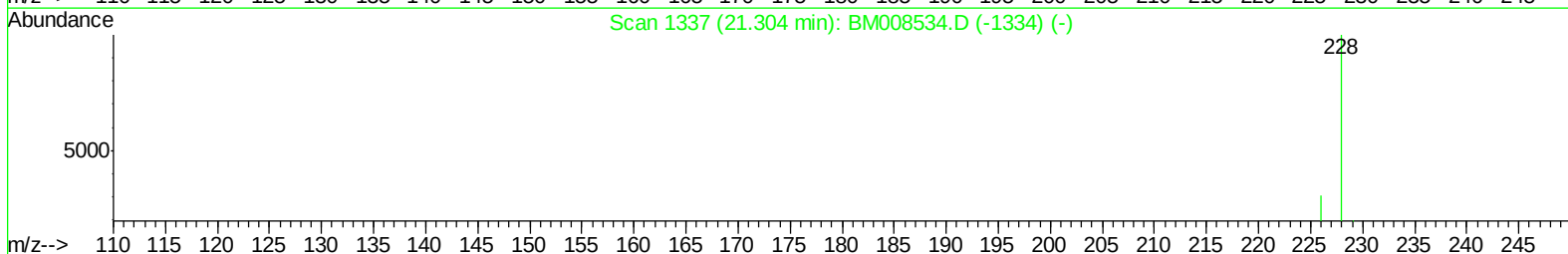
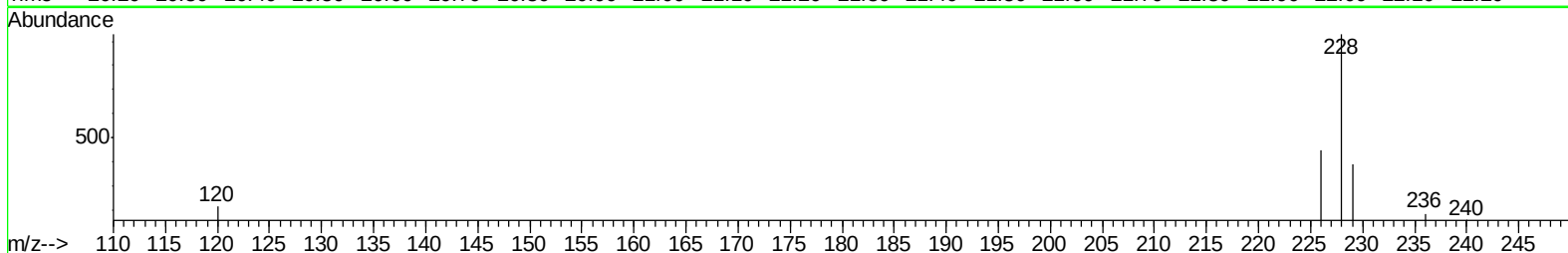
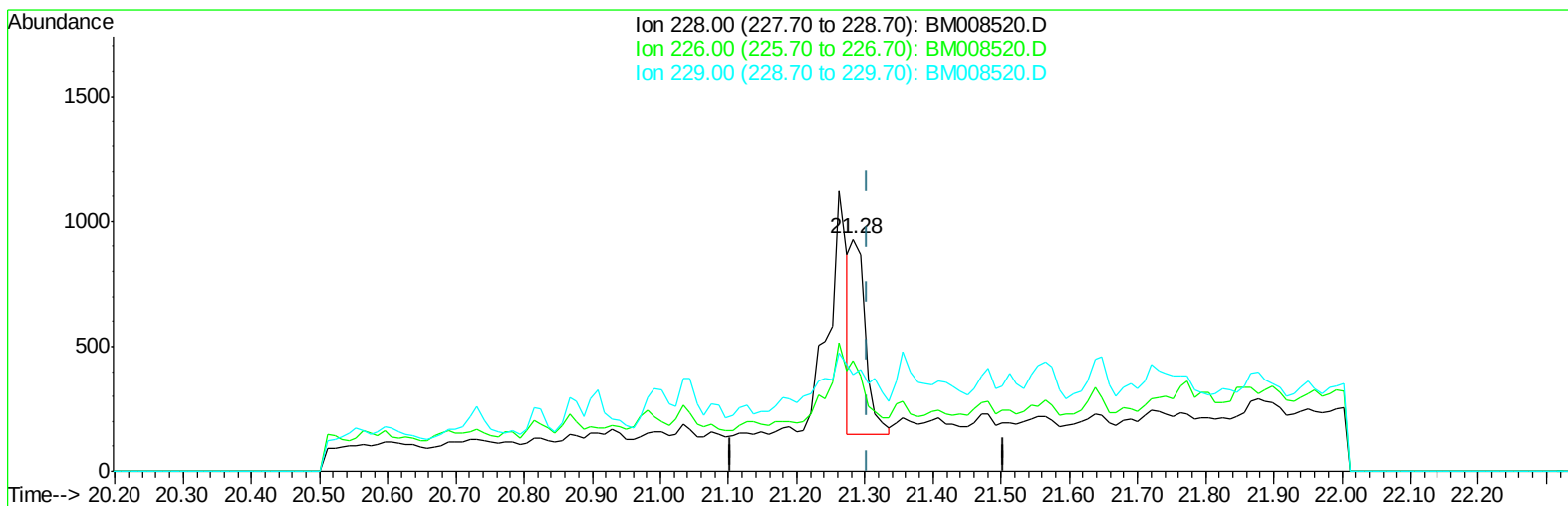
Data Path : Z:\HPCHEM1\BNA_M\Data\BM122116\
Data File : BM008520.D
Acq On : 21 Dec 2016 16:58
Operator : UM/SJ
Sample : H6040-12
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA8W5

Manual Integrations
APPROVED

Sohil
12/22/2016 12:35:22 PM

Quant Time: Dec 22 09:44:24 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 22 02:22:34 2016
Response via : Initial Calibration



TIC: BM008520.D

(19) Chrysene

21.283min (-0.021) 0.26ng/ul m

response 1170

Ion	Exp%	Act%
228.00	100	100
226.00	29.20	48.01#
229.00	22.10	41.87#
0.00	0.00	0.00

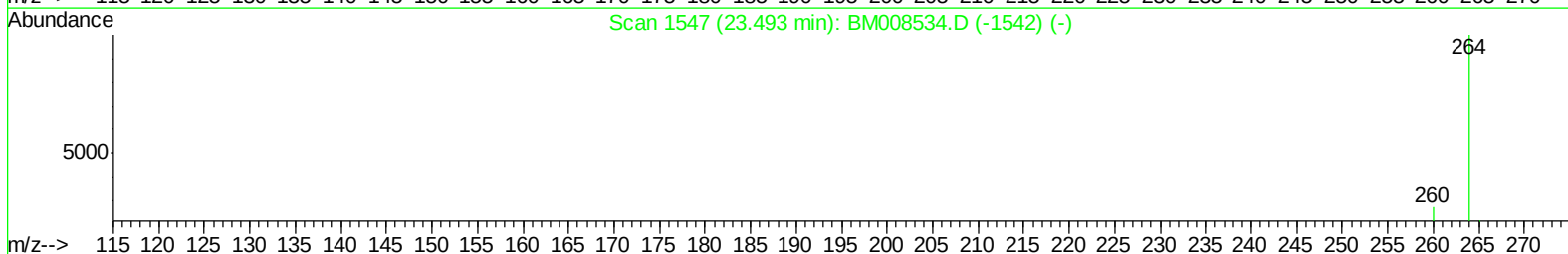
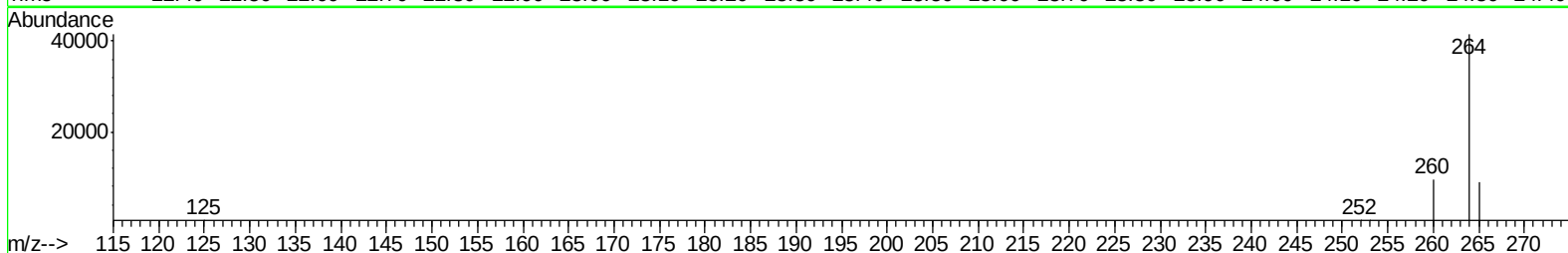
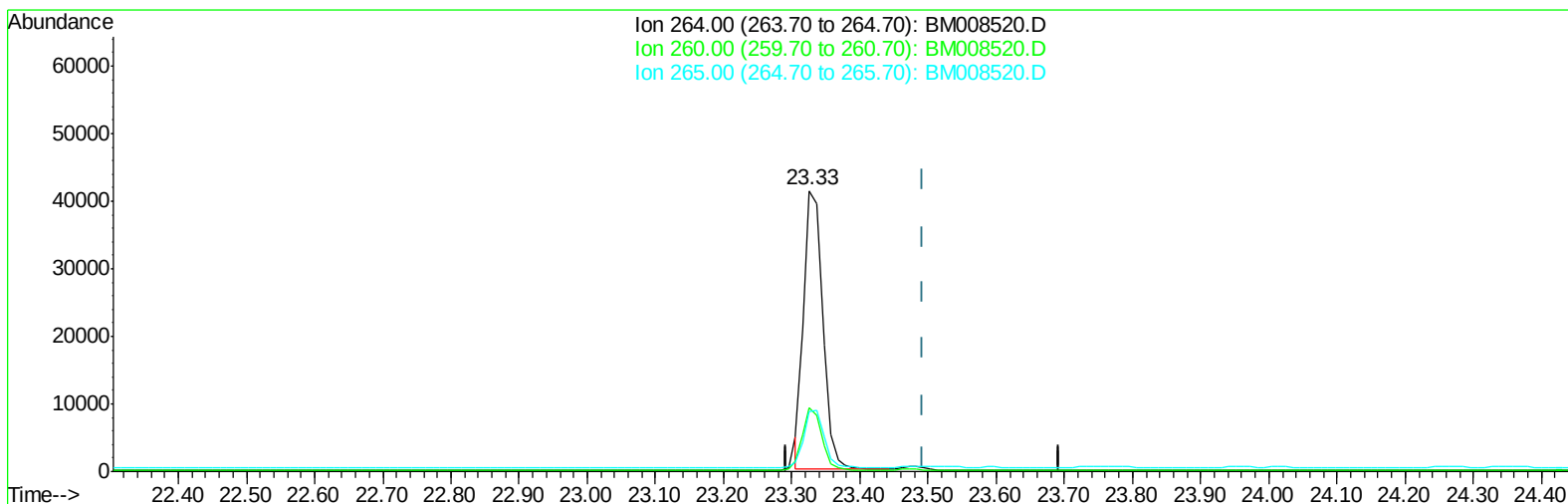
Data Path : Z:\HPCHEM1\BNA_M\Data\BM122116\
Data File : BM008520.D
Acq On : 21 Dec 2016 16:58
Operator : UM/SJ
Sample : H6040-12
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA8W5

Manual Integrations
APPROVED

Sohil
12/22/2016 12:35:22 PM

Quant Time: Dec 22 09:44:24 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 22 02:22:34 2016
Response via : Initial Calibration



TIC: BM008520.D

(20) Perylene-d12 (I)

23.326min (-0.167) 0.40ng/ul

response 79676

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	22.95#
265.00	103.50	21.36#
0.00	0.00	0.00

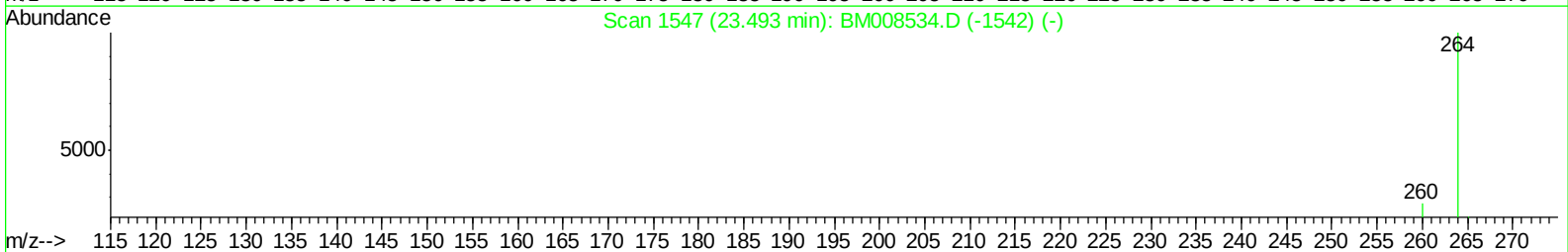
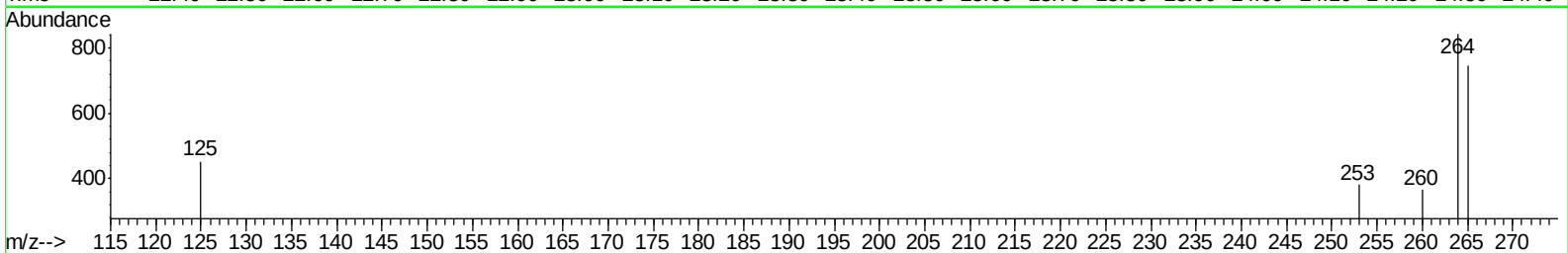
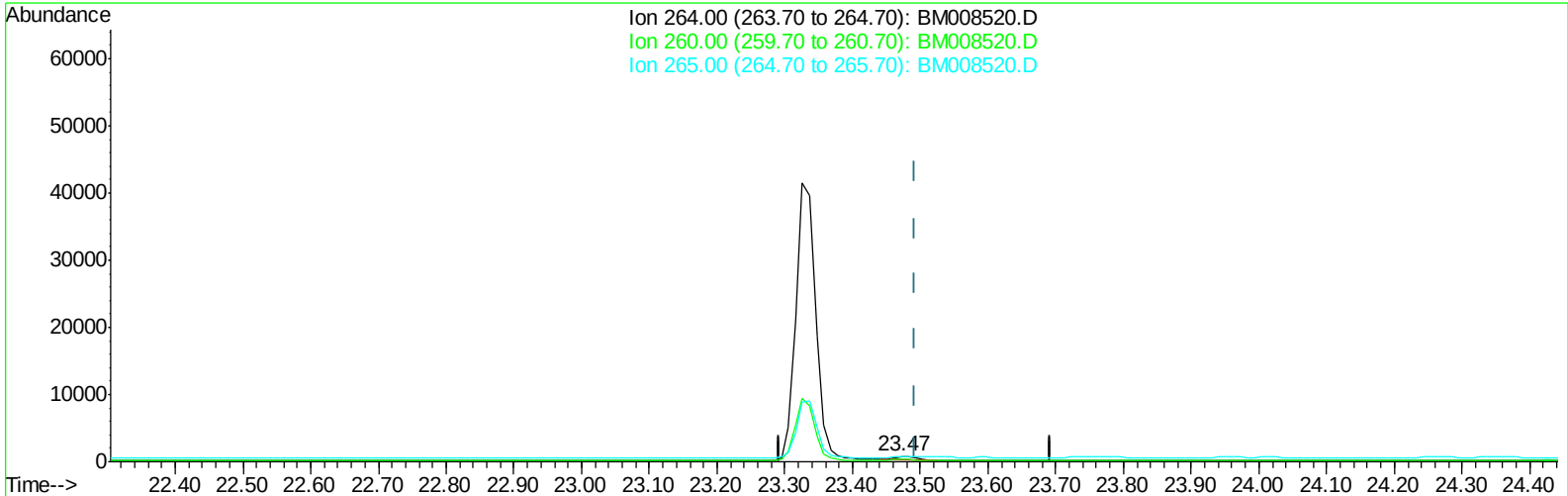
Data Path : Z:\HPCHEM1\BNA_M\Data\BM122116\
Data File : BM008520.D
Acq On : 21 Dec 2016 16:58
Operator : UM/SJ
Sample : H6040-12
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA8W5

Manual Integrations
APPROVED

Sohil
12/22/2016 12:35:22 PM

Quant Time: Dec 22 09:44:24 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration



TIC: BM008520.D

(20) Perylene-d12 (I)

23.472min (-0.021) 0.40ng/ul m

response 1143

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	43.30#
265.00	103.50	88.49
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_M\Data\BM122116\
 Data File : BM008520.D
 Acq On : 21 Dec 2016 16:58
 Operator : UM/SJ
 Sample : H6040-12
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA8W5

Manual Integrations
 APPROVED

Sohil
 12/22/2016 12:35:22 PM

Quant Time: Dec 22 09:47:35 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 22 02:22:34 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	301	0.40	ng/ul	-0.03
2) Naphthalene-d8	10.43	136	961	0.40	ng/ul	-0.05
6) Acenaphthene-d10	14.30	164	636	0.40	ng/ul	-0.02
10) Phenanthrene-d10	17.04	188	1118m	0.40	ng/ul	-0.03
16) Chrysene-d12	21.25	240	1231	0.40	ng/ul	-0.01
20) Perylene-d12	23.47	264	1143m	0.40	ng/ul	-0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.05	152	383	0.26	ng/ul	-0.03
14) Fluoranthene-d10	19.10	212	905m	0.29	ng/ul	-0.01
Target Compounds						Qvalue
3) Naphthalene	10.48	128	210	0.08	ng/ul#	29
5) 2-Methylnaphthalene	12.12	142	581	0.32	ng/ul	99
8) Acenaphthene	14.35	153	171	0.08	ng/ul#	80
9) Fluorene	15.36	166	175	0.07	ng/ul#	66
12) Phenanthrene	17.09	178	2430m	0.71	ng/ul	
17) Pyrene	19.48	202	1705	0.36	ng/ul#	84
18) Benzo(a)anthracene	21.26	228	1829m	0.45	ng/ul	
19) Chrysene	21.28	228	1170m	0.26	ng/ul	

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

Data Path : Z:\HPCHEM1\BNA_M\Data\BM122116\
Data File : BM008520.D
Acq On : 21 Dec 2016 16:58
Operator : UM/SJ
Sample : H6040-12
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Manual Integrations
APPROVED

Sohil
12/22/2016 12:35:22 PM

Quant Time: Dec 22 09:47:35 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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