

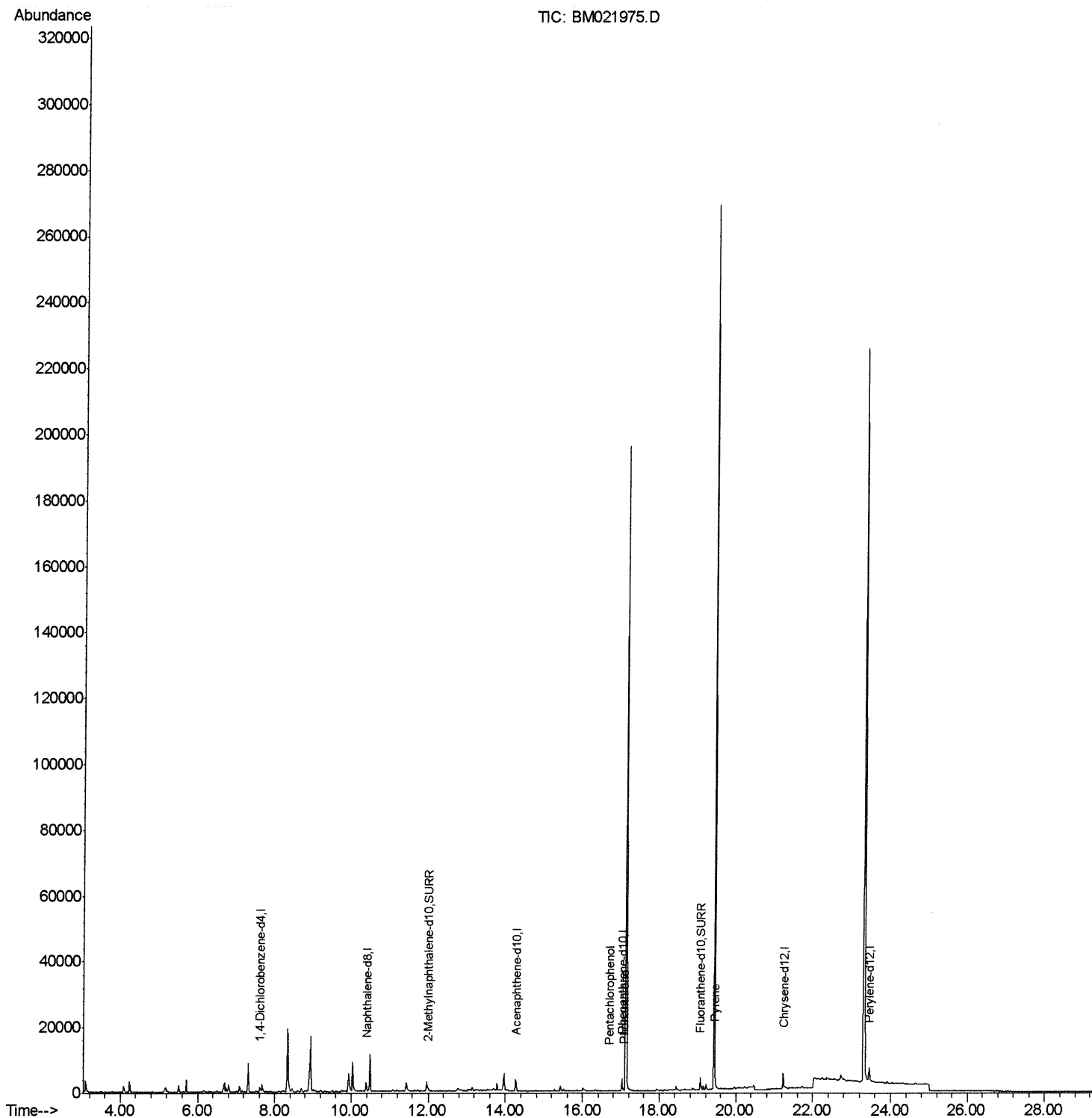
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080919\
Data File : BM021975.D
Acq On : 09 Aug 2019 18:36
Operator : HP/JU
Sample : K4117-13
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
JLLH4

Manual Integrations
APPROVED

Sohil
8/13/2019 8:33:53 AM

Quant Time: Aug 10 06:38:08 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 09 01:29:50 2019
Response via : Initial Calibration



Quantitation Report (Qedit)

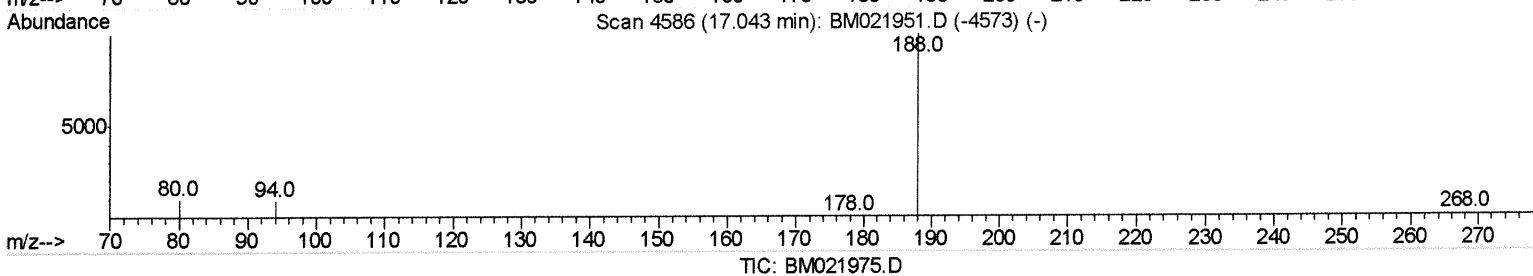
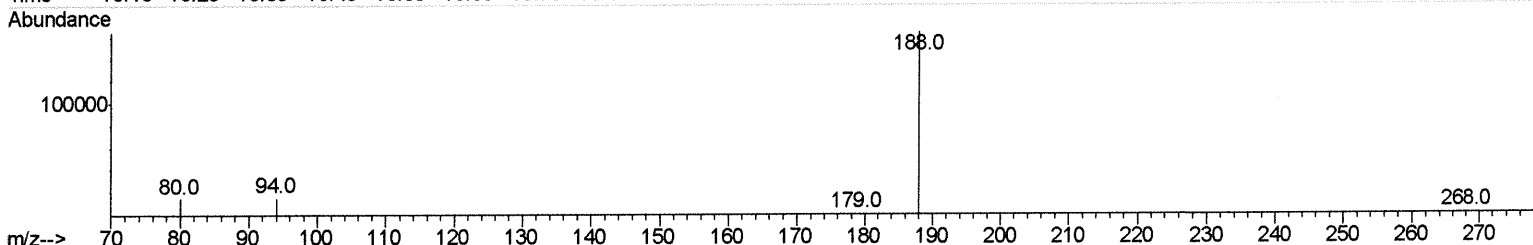
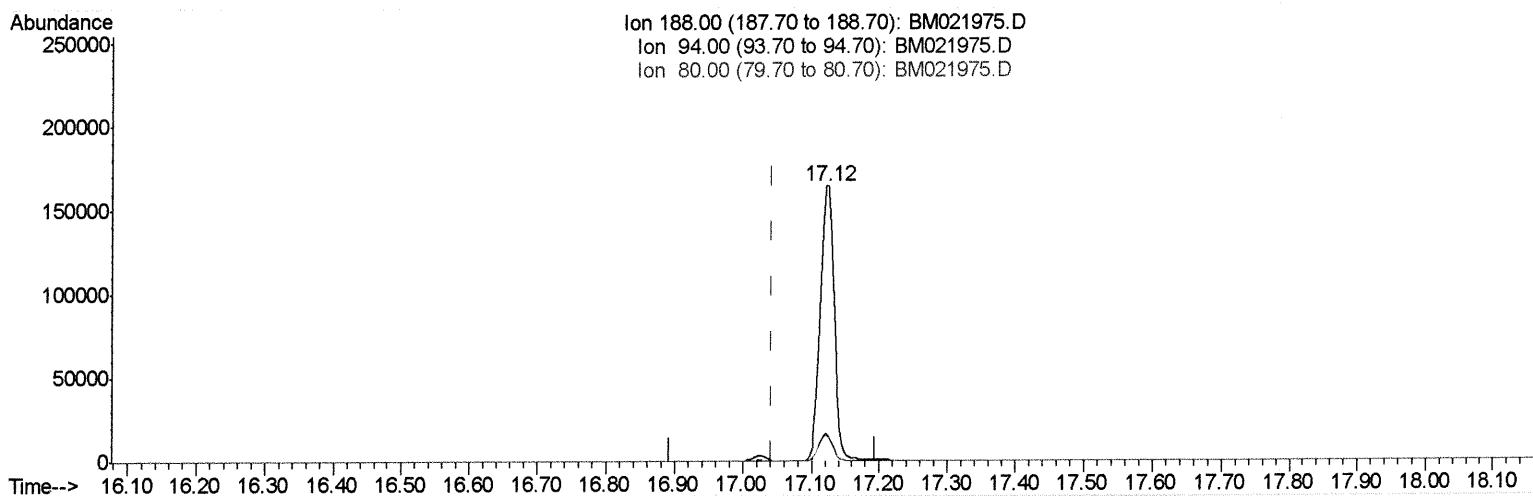
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080919\
Data File : BM021975.D
Acq On : 09 Aug 2019 18:36
Operator : HP/JU
Sample : K4117-13
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BNA_M
ClientSampleId :
JLLH4

Manual Integrations
APPROVED

Sohil
8/13/2019 8:33:53 AM

Quant Time: Aug 10 05:23:24 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 09 01:29:50 2019
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TIC: BM021975.D

(10) Phenanthrene-d10 (I)

17.124min (+0.080) 0.40ng/ul

response 226271

Ion	Exp%	Act%
188.00	100	100
94.00	10.40	9.29
80.00	11.40	8.75#
0.00	0.00	0.00

Quantitation Report (Qedit)

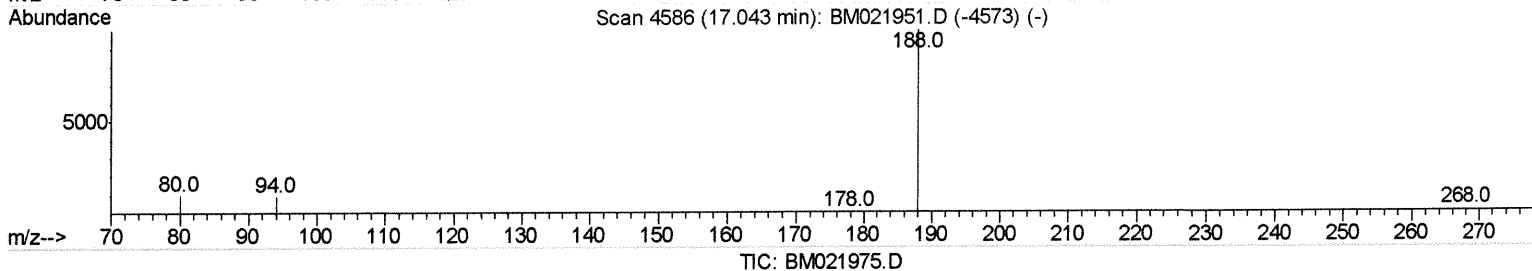
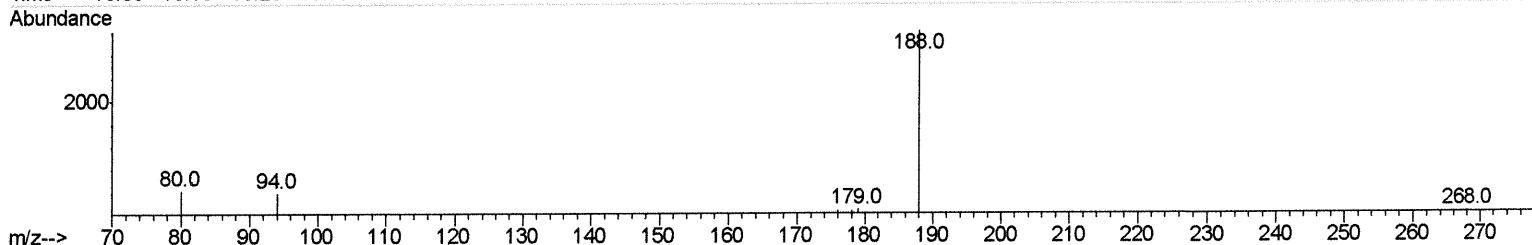
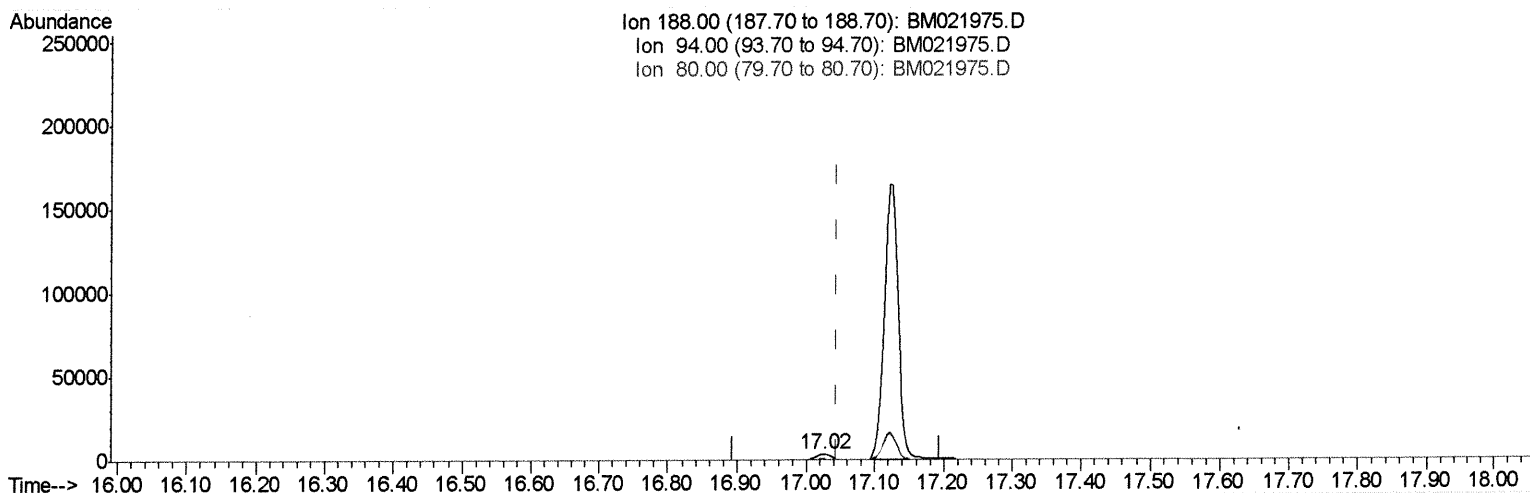
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080919\
Data File : BM021975.D
Acq On : 09 Aug 2019 18:36
Operator : HP/JU
Sample : K4117-13
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
JLLH4

Manual Integrations
APPROVED

Sohil
8/13/2019 8:33:53 AM

Quant Time: Aug 10 05:23:24 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 09 01:29:50 2019
Response via : Initial Calibration



(10) Phenanthrene-d10 (I)

17.024min (-0.021) 0.40ng/ul m

Ju
08/12/19

response 4409

Ion	Exp%	Act%
188.00	100	100
94.00	10.40	12.43
80.00	11.40	13.89#
0.00	0.00	0.00

Quantitation Report (Qedit)

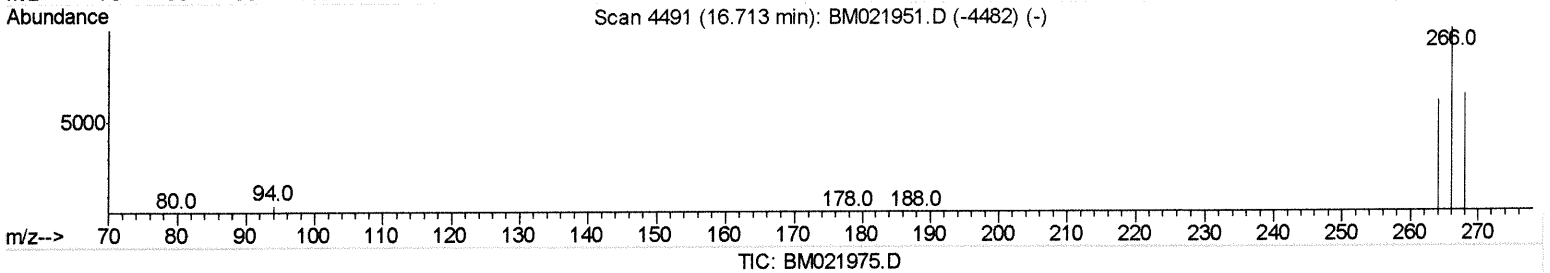
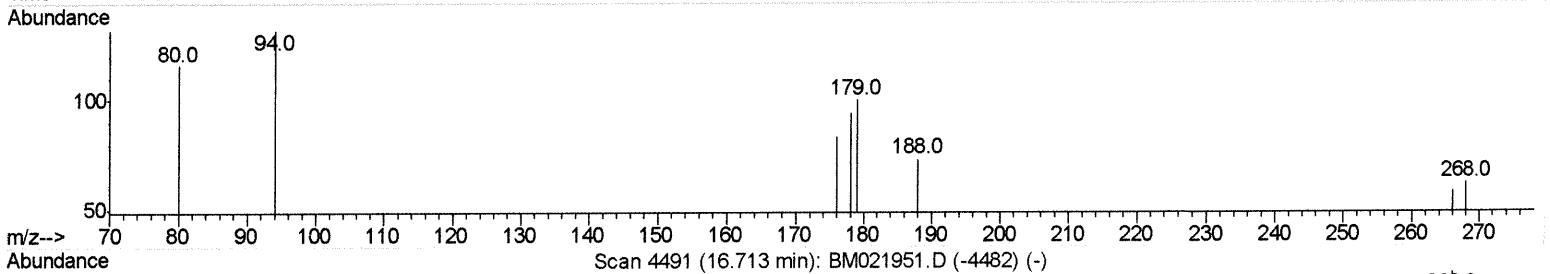
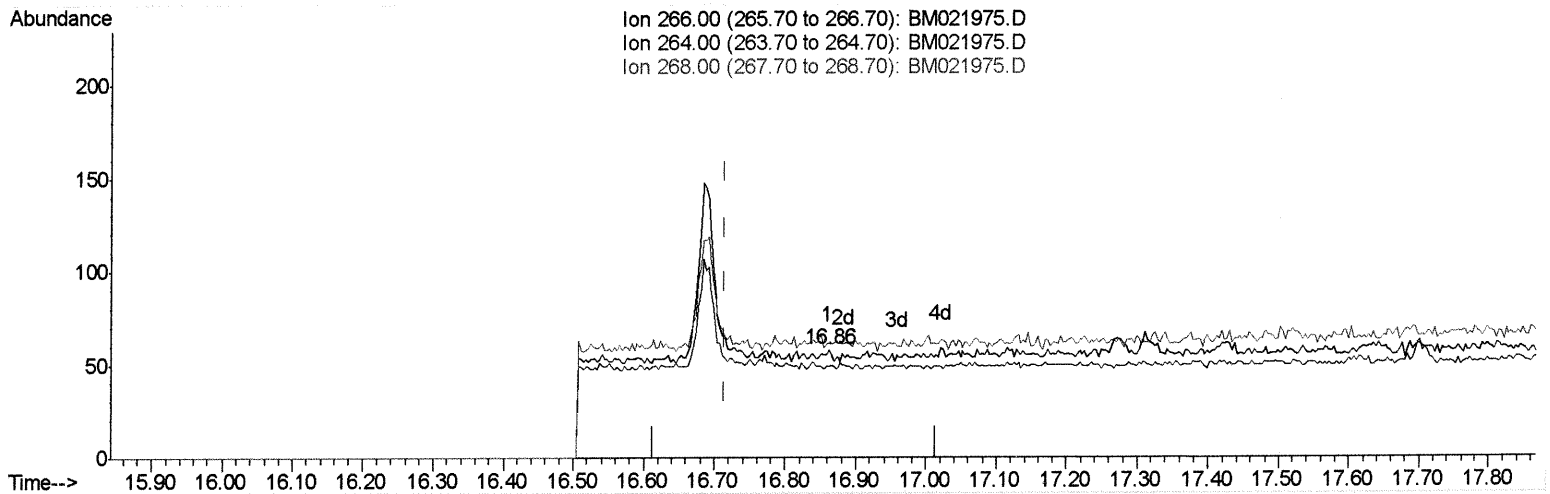
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080919\
Data File : BM021975.D
Acq On : 09 Aug 2019 18:36
Operator : HP/JU
Sample : K4117-13
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
JLLH4

Manual Integrations
APPROVED

Sohil
8/13/2019 8:33:53 AM

Quant Time: Aug 10 06:35:17 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 09 01:29:50 2019
Response via : Initial Calibration



(11) Pentachlorophenol

16.860min (+0.146) 0.00ng/ul

response 4

Ion	Exp%	Act%
266.00	100	100
264.00	67.70	0.00#
268.00	72.00	50.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

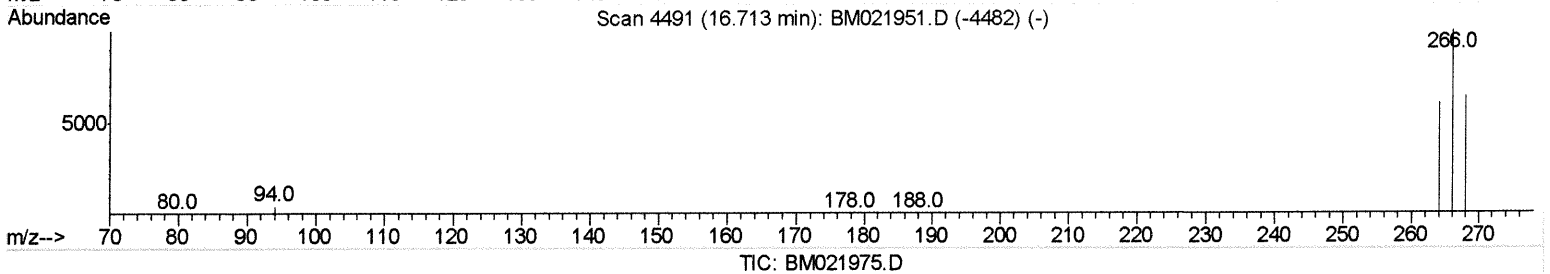
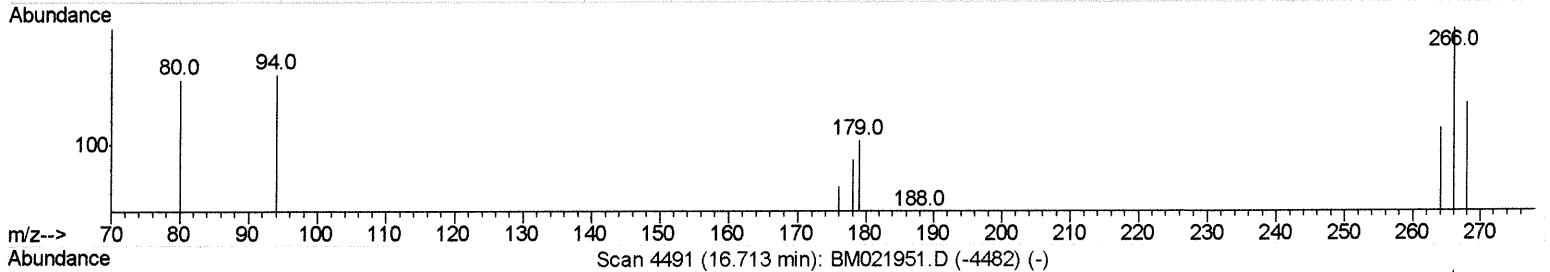
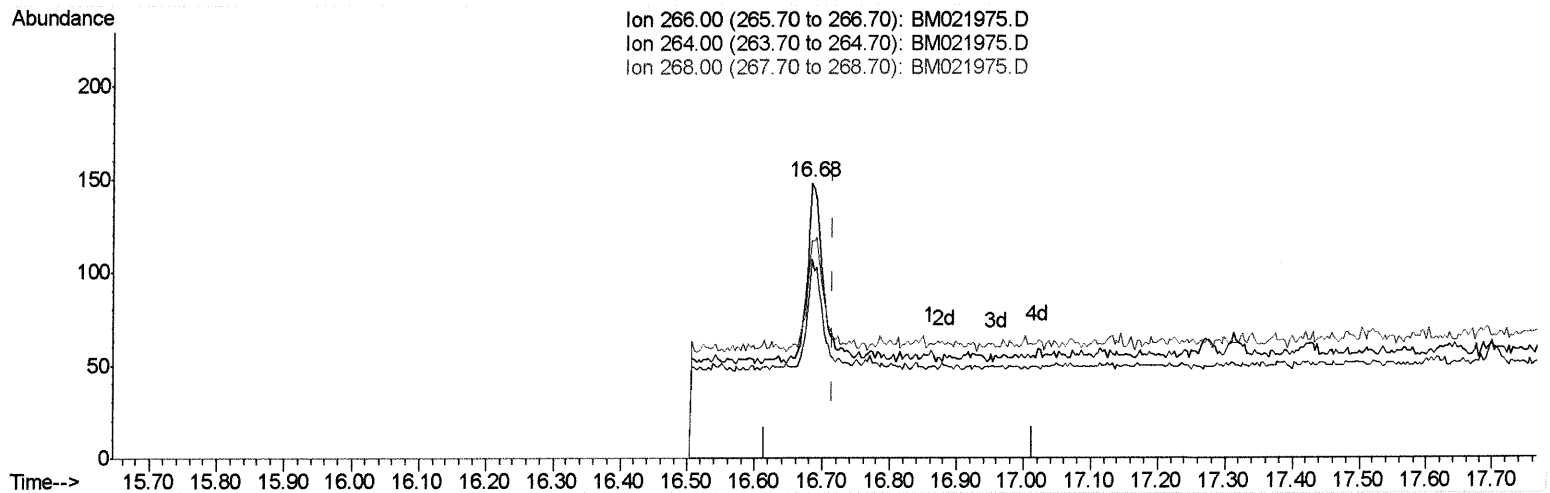
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080919\
 Data File : BM021975.D
 Acq On : 09 Aug 2019 18:36
 Operator : HP/JU
 Sample : K4117-13
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 JLLH4

Manual Integrations
 APPROVED

Sohil
 8/13/2019 8:33:53 AM

Quant Time: Aug 10 06:35:17 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM080319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 09 01:29:50 2019
 Response via : Initial Calibration



(11) Pentachlorophenol

16.683min (-0.031) 0.21ng/ul m *JU 08/12/19*

response 169

Ion	Exp%	Act%
266.00	100	100
264.00	67.70	0.00#
268.00	72.00	1.18#
0.00	0.00	0.00

Quantitation Report (Qedit)

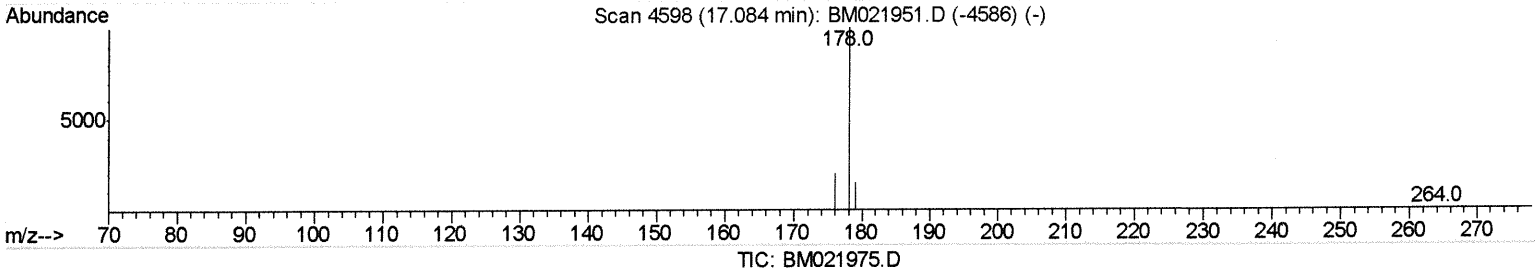
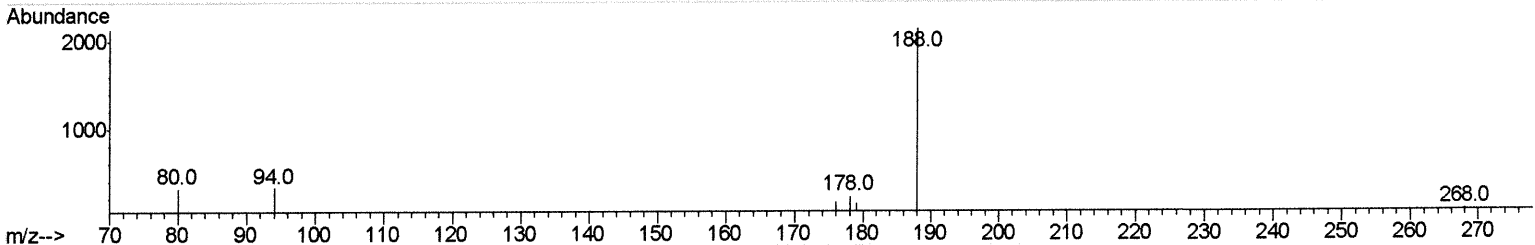
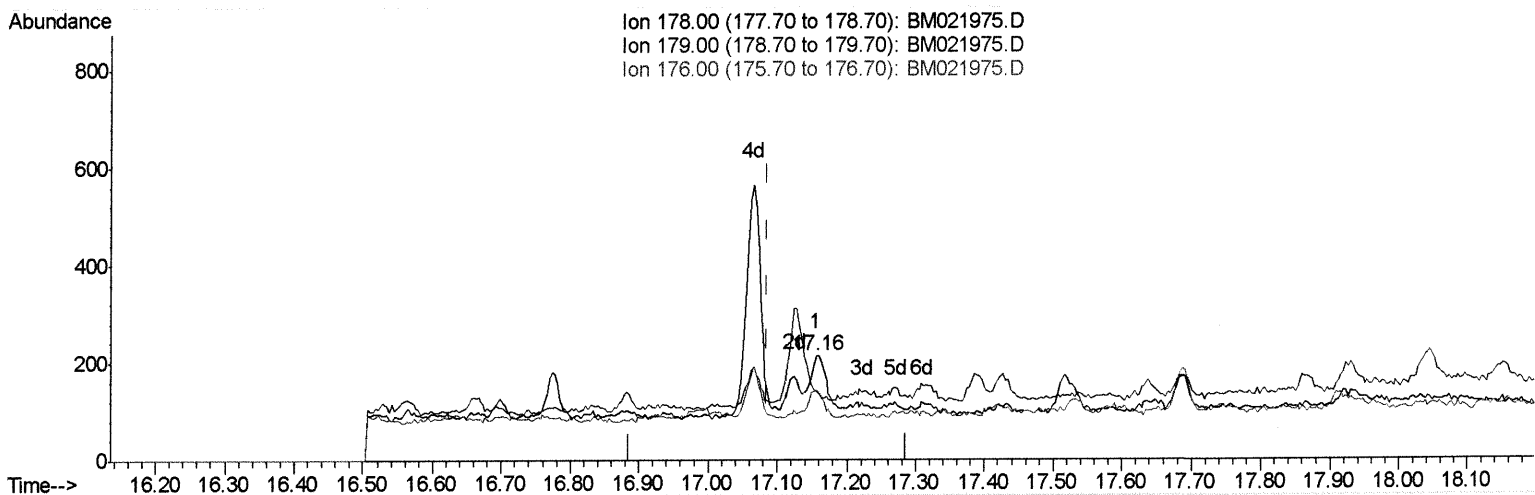
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080919\
 Data File : BM021975.D
 Acq On : 09 Aug 2019 18:36
 Operator : HP/JU
 Sample : K4117-13
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 JLLH4

Manual Integrations
 APPROVED

Sohil
 8/13/2019 8:33:53 AM

Quant Time: Aug 10 06:35:17 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM080319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 09 01:29:50 2019
 Response via : Initial Calibration



(12) Phenanthrene

17.155min (+0.070) 0.02ng/ul

response 207

Ion	Exp%	Act%
178.00	100	100
179.00	17.70	66.20#
176.00	21.00	67.61#
0.00	0.00	0.00

Quantitation Report (Qedit)

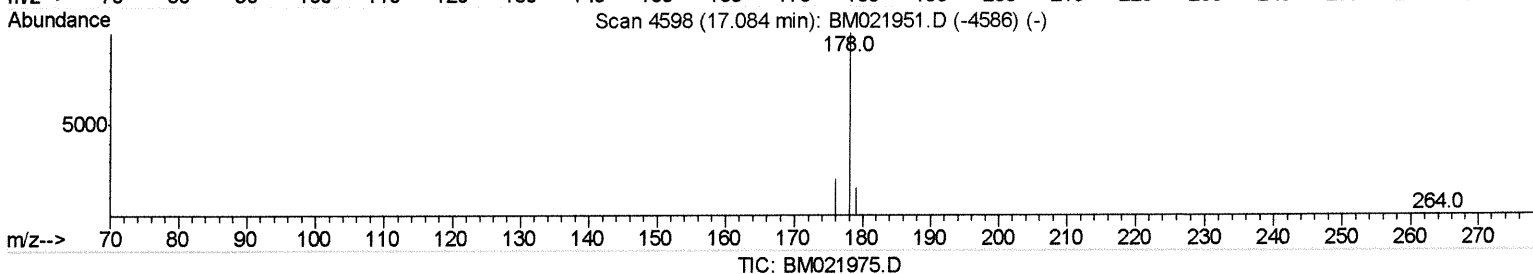
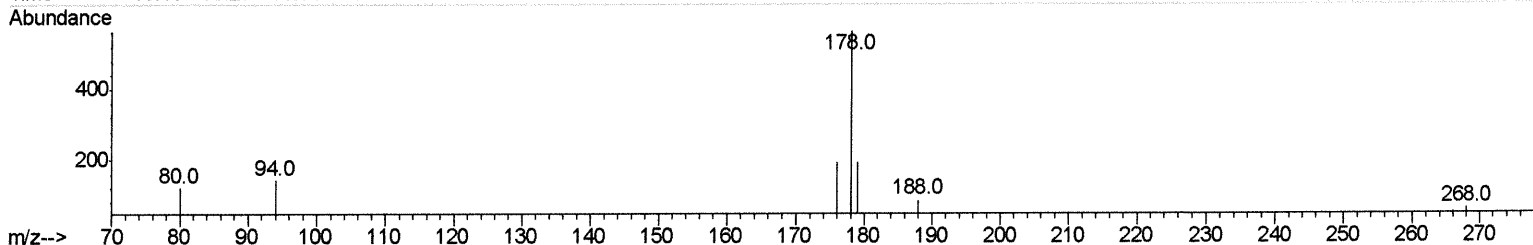
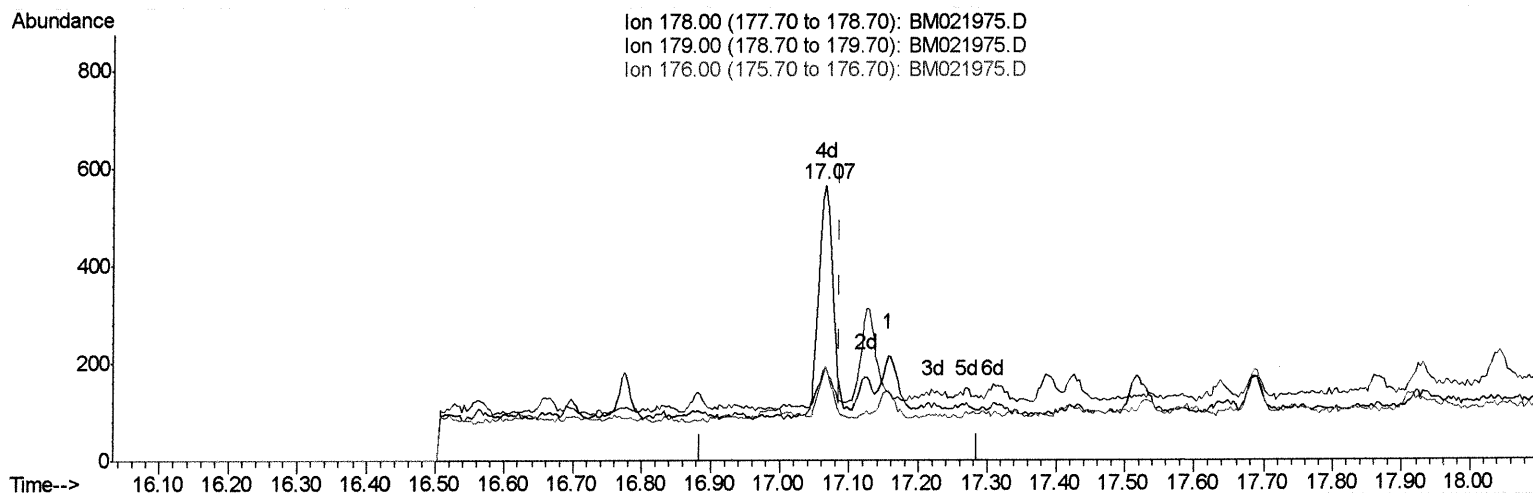
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080919\
Data File : BM021975.D
Acq On : 09 Aug 2019 18:36
Operator : HP/JU
Sample : K4117-13
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
JLLH4

Manual Integrations
APPROVED

Sohil
8/13/2019 8:33:53 AM

Quant Time: Aug 10 06:35:17 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 09 01:29:50 2019
Response via : Initial Calibration



(12) Phenanthrene

17.065min (-0.021) 0.05ng/ul m

JU
08/12/19

response 657

Ion	Exp%	Act%
178.00	100	100
179.00	17.70	34.22#
176.00	21.00	34.04#
0.00	0.00	0.00

Quantitation Report (Qedit)

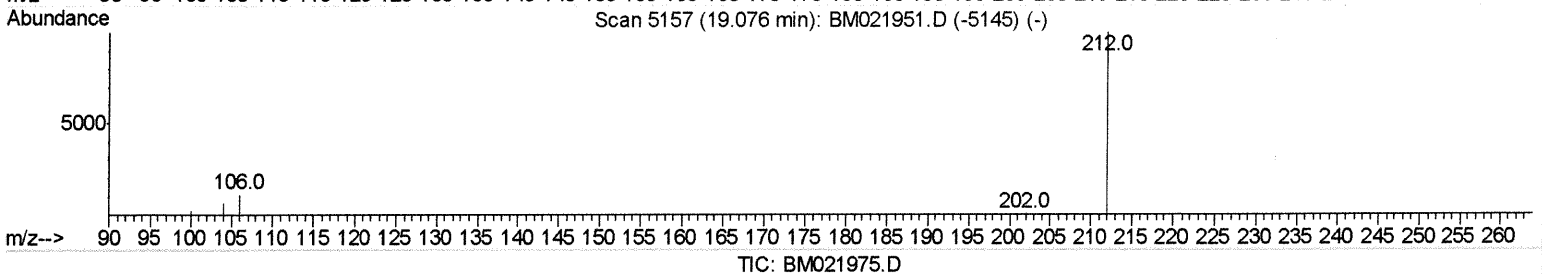
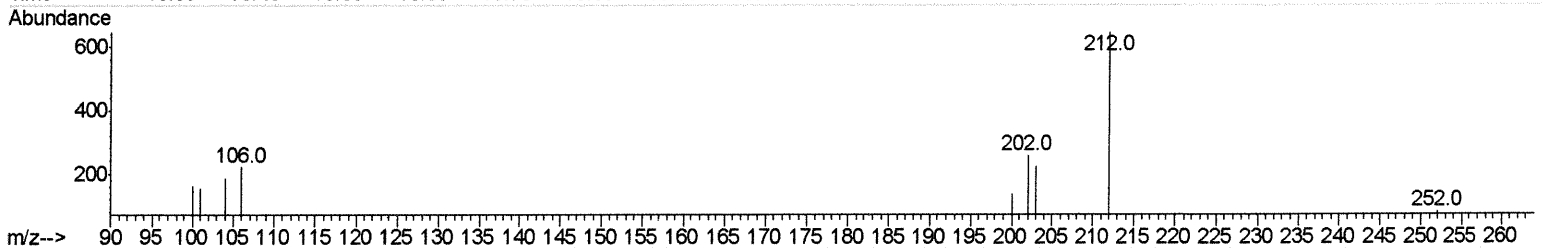
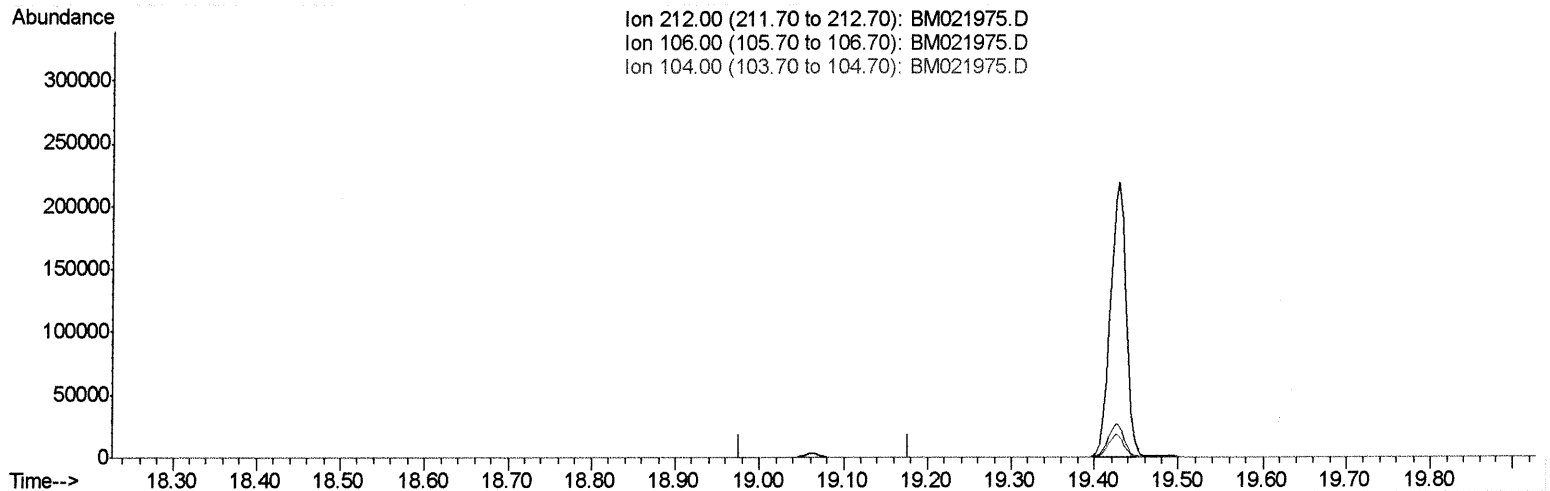
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080919\
Data File : BM021975.D
Acq On : 09 Aug 2019 18:36
Operator : HP/JU
Sample : K4117-13
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
JLLH4

Manual Integrations
APPROVED

Sohil
8/13/2019 8:33:53 AM

Quant Time: Aug 10 06:35:17 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 09 01:29:50 2019
Response via : Initial Calibration



(14) Fluoranthene-d10 (SURR)

19.077min (-19.077) 0.00ng/ul

response 0

Ion	Exp%	Act%
212.00	100	0.00
106.00	9.90	0.00#
104.00	6.00	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

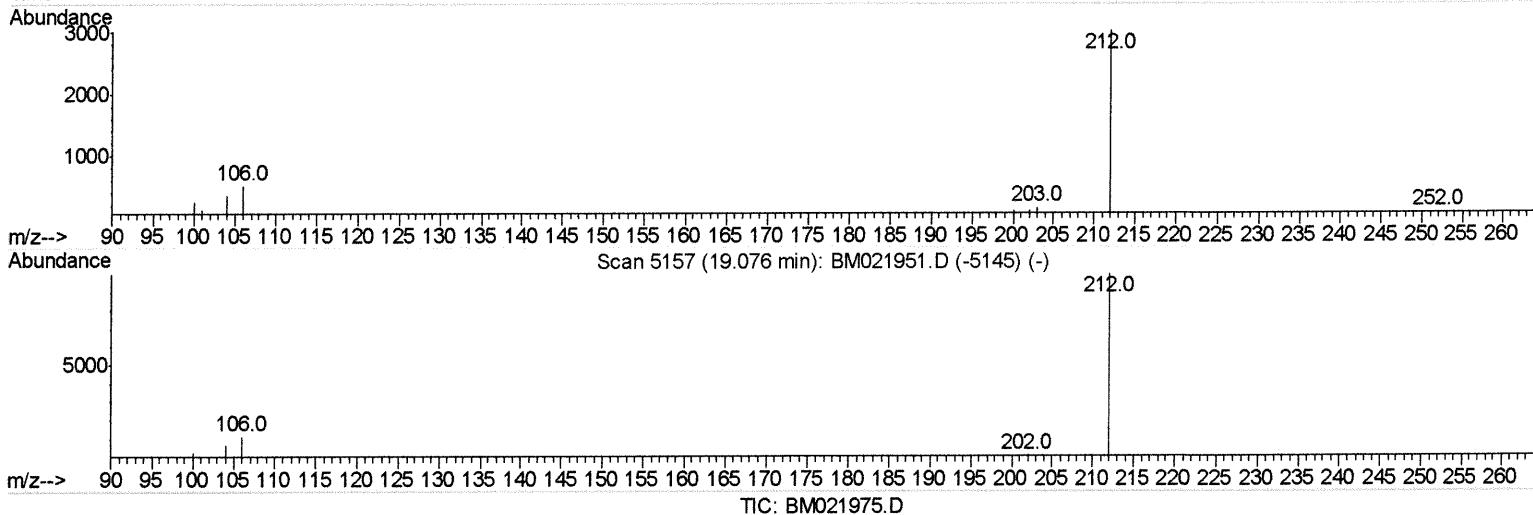
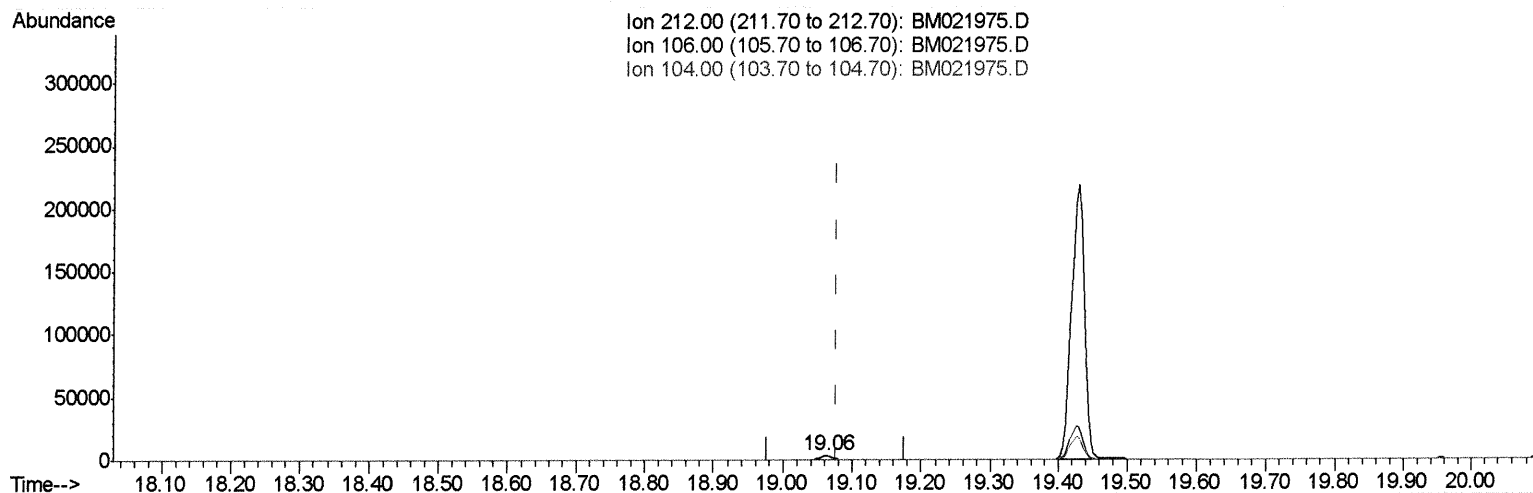
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080919\
Data File : BM021975.D
Acq On : 09 Aug 2019 18:36
Operator : HP/JU
Sample : K4117-13
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
JLLH4

Manual Integrations
APPROVED

Sohil
8/13/2019 8:33:53 AM

Quant Time: Aug 10 06:35:17 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 09 01:29:50 2019
Response via : Initial Calibration



(14) Fluoranthene-d10 (SURR)

19.062min (-0.015) 0.26ng/ul m

JU
08/12/19

response 3809

Ion	Exp%	Act%
212.00	100	100
106.00	9.90	0.00#
104.00	6.00	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

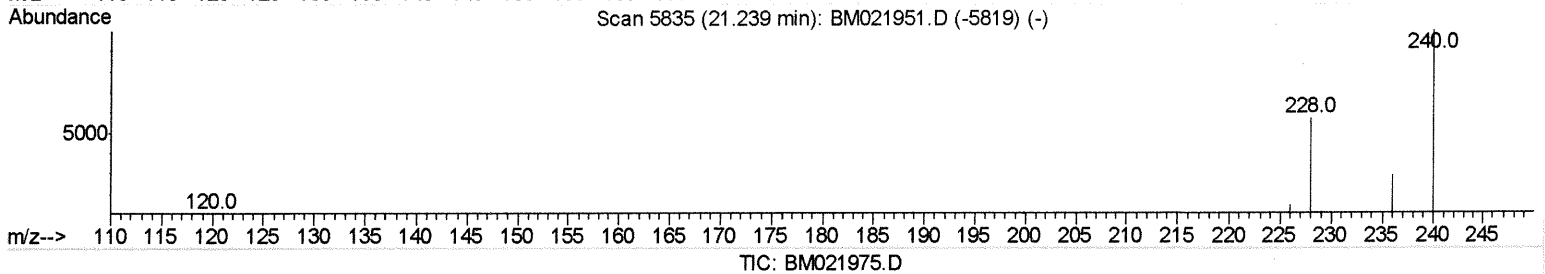
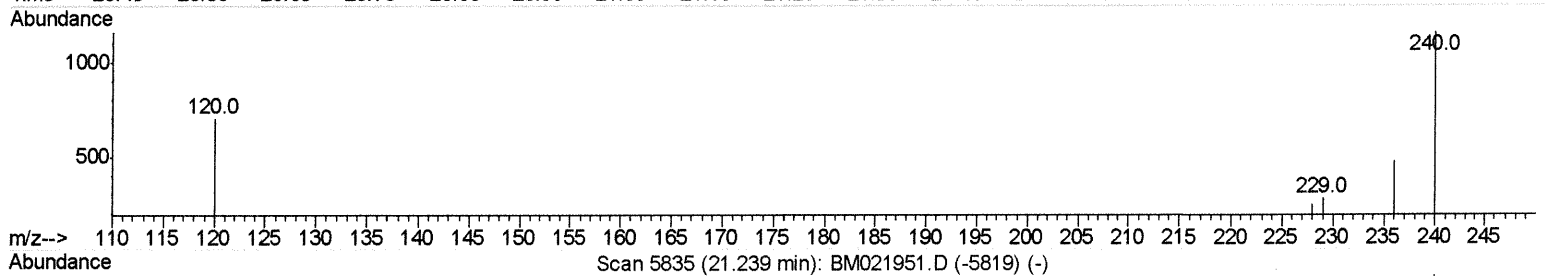
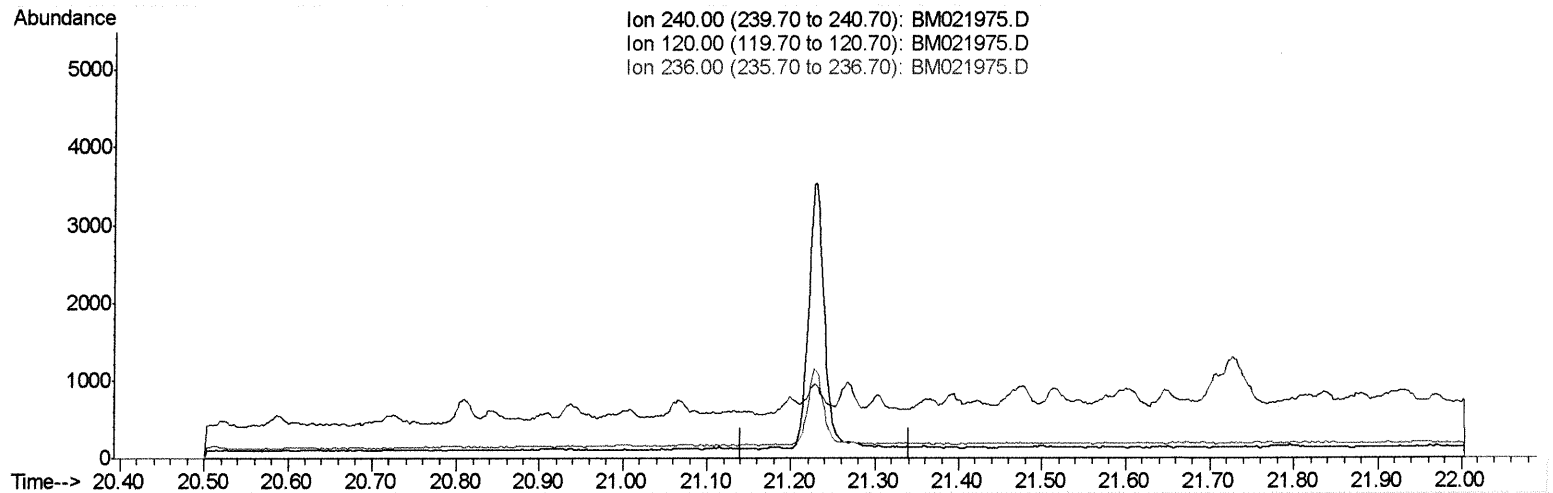
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080919\
Data File : BM021975.D
Acq On : 09 Aug 2019 18:36
Operator : HP/JU
Sample : K4117-13
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampled :
JLLH4

Manual Integrations
APPROVED

Sohil
8/13/2019 8:33:53 AM

Quant Time: Aug 10 06:35:17 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 09 01:29:50 2019
Response via : Initial Calibration



(16) Chrysene-d12 (I)

21.241min (-21.241) 0.00ng/ul

response 0

Ion	Exp%	Act%
240.00	100	0.00
120.00	16.20	0.00#
236.00	32.30	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

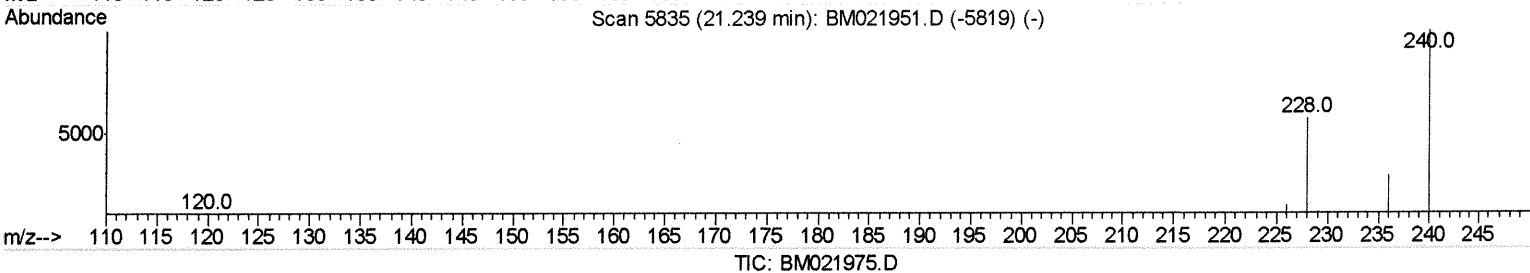
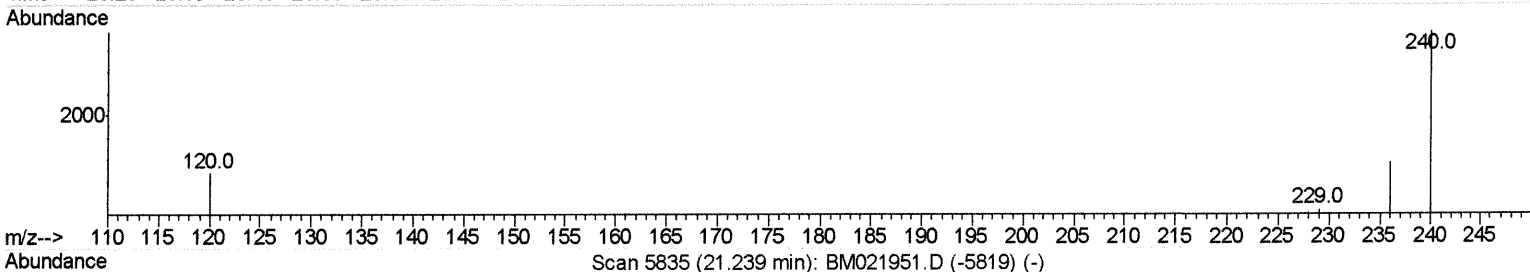
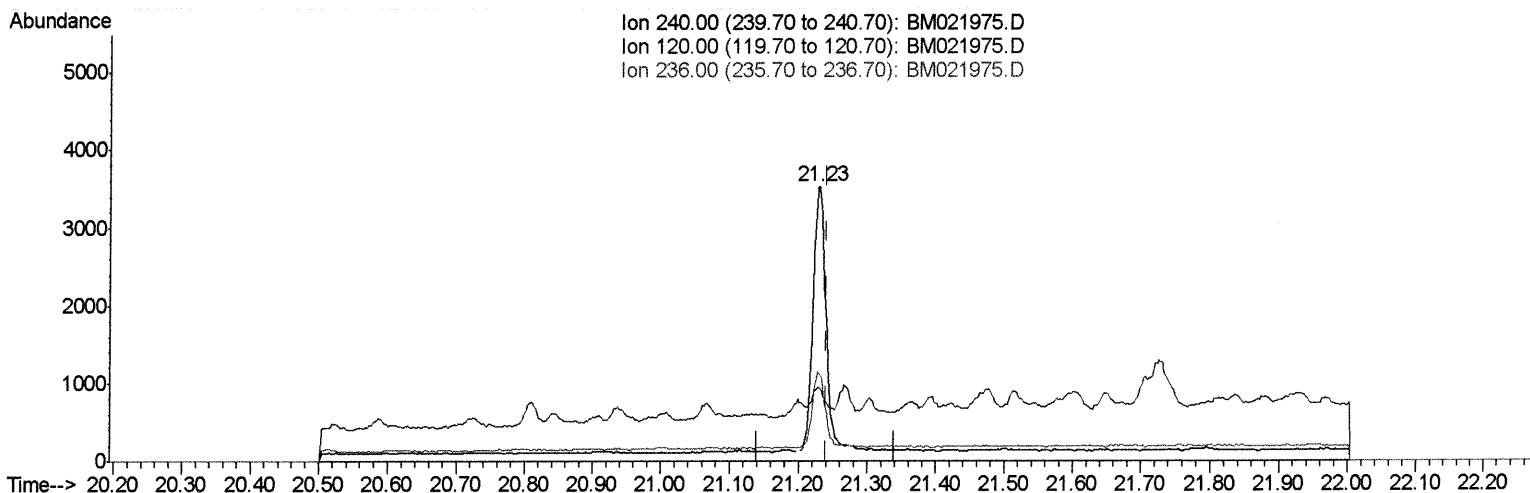
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080919\
 Data File : BM021975.D
 Acq On : 09 Aug 2019 18:36
 Operator : HP/JU
 Sample : K4117-13
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 JLLH4

Manual Integrations
 APPROVED

Sohil
 8/13/2019 8:33:53 AM

Quant Time: Aug 10 06:35:17 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM080319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 09 01:29:50 2019
 Response via : Initial Calibration



(16) Chrysene-d12 (I)

21.229min (-0.012) 0.40ng/ul m

JU
 08/12/19

response 4489

Ion	Exp%	Act%
240.00	100	100
120.00	16.20	26.78#
236.00	32.30	31.78
0.00	0.00	0.00

Quantitation Report (Qedit)

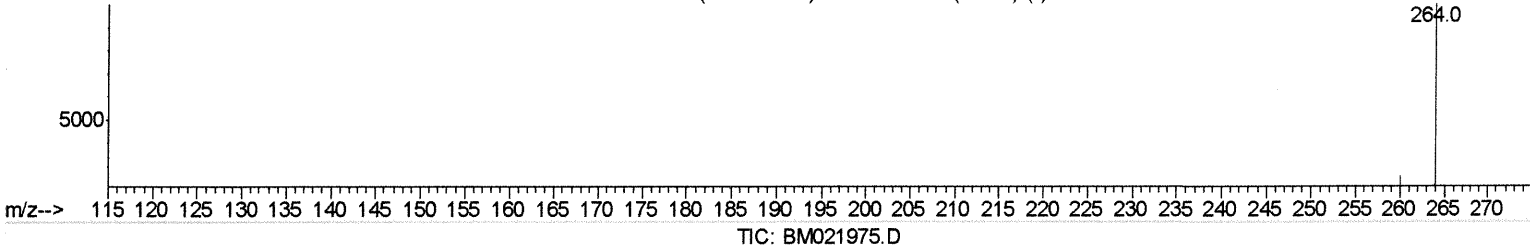
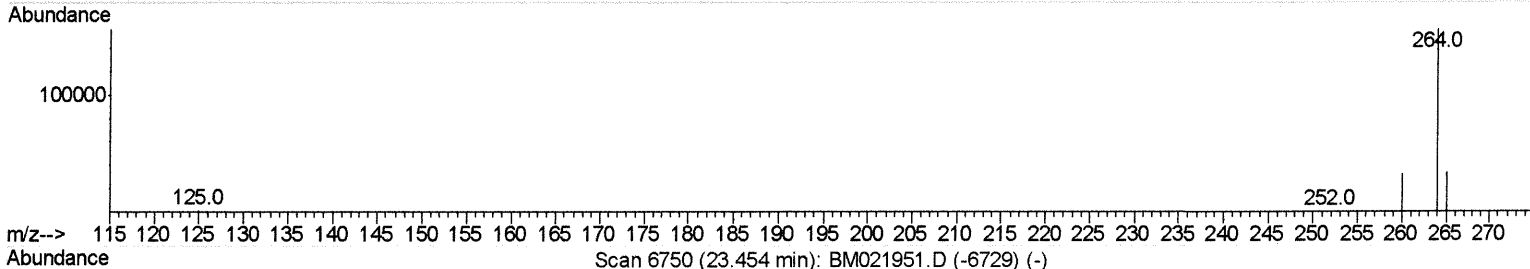
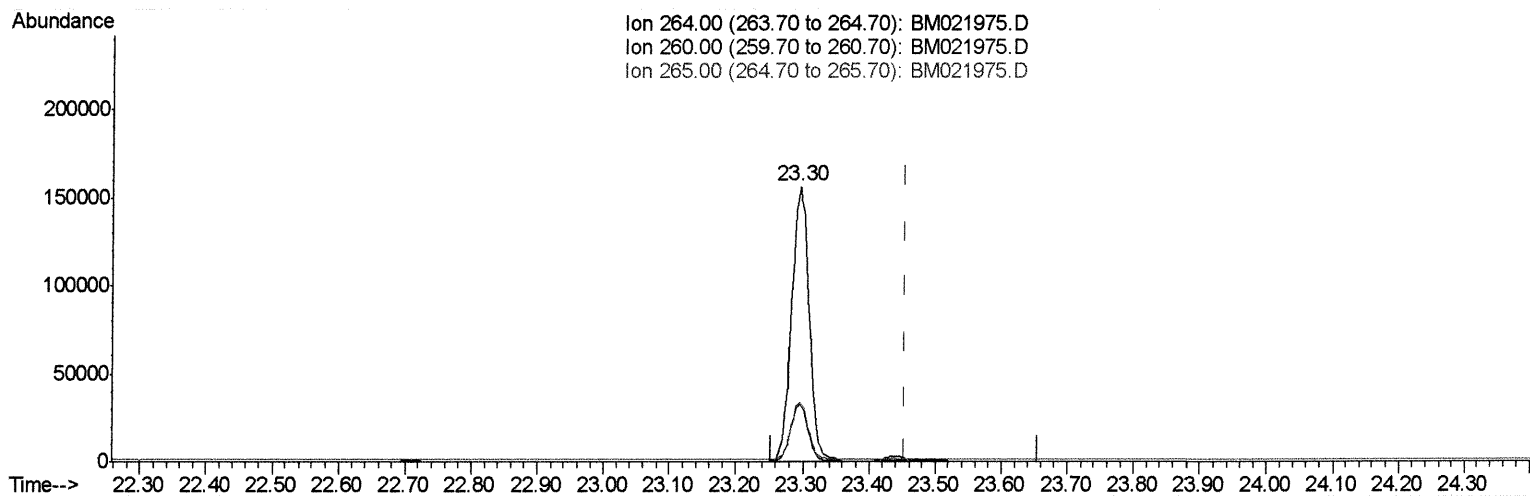
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080919\
 Data File : BM021975.D
 Acq On : 09 Aug 2019 18:36
 Operator : HP/JU
 Sample : K4117-13
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 JLLH4

Manual Integrations
 APPROVED

Sohil
 8/13/2019 8:33:53 AM

Quant Time: Aug 10 06:37:23 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM080319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 09 01:29:50 2019
 Response via : Initial Calibration



(20) Perylene-d12 (I)

23.295min (-0.160) 0.40ng/ul

response 276123

Ion	Exp%	Act%
264.00	100	100
260.00	27.50	20.85#
265.00	117.00	21.89#
0.00	0.00	0.00

Quantitation Report (Qedit)

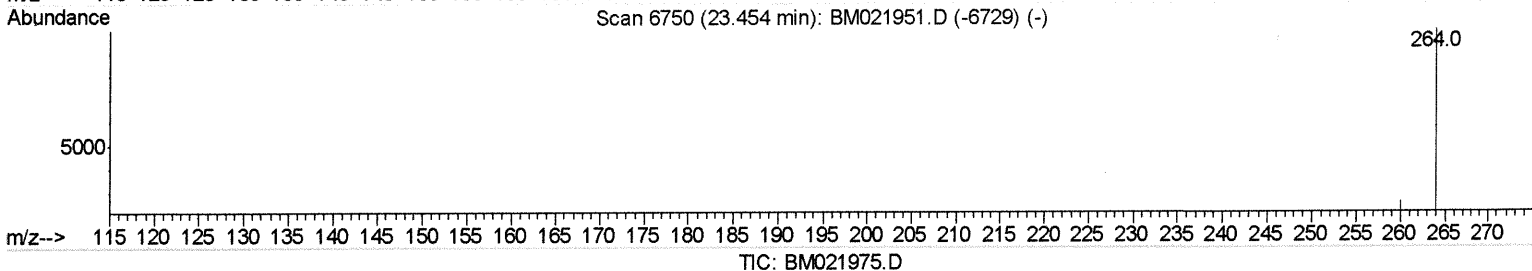
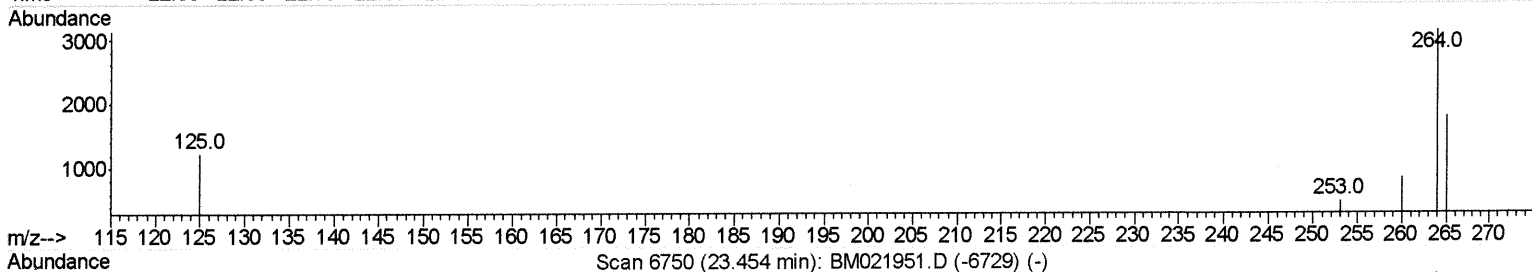
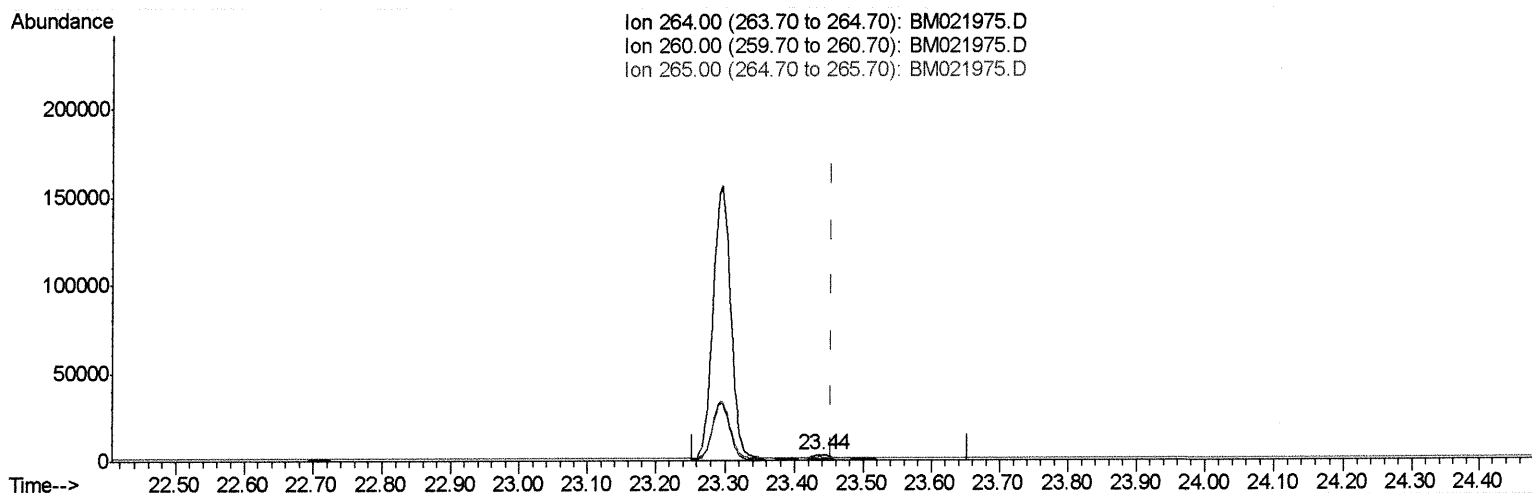
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080919\
Data File : BM021975.D
Acq On : 09 Aug 2019 18:36
Operator : HP/JU
Sample : K4117-13
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
JLLH4

Manual Integrations
APPROVED

Sohil
8/13/2019 8:33:53 AM

Quant Time: Aug 10 06:37:23 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 09 01:29:50 2019
Response via : Initial Calibration



(20) Perylene-d12 (I)

23.440min (-0.014) 0.40ng/ul m

JU
08/12/19

response 4509

Ion	Exp%	Act%
264.00	100	100
260.00	27.50	26.89
265.00	117.00	57.18#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080919\
 Data File : BM021975.D
 Acq On : 09 Aug 2019 18:36
 Operator : HP/JU
 Sample : K4117-13
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 JLLH4

Manual Integrations
 APPROVED

Sohil
 8/13/2019 8:33:53 AM

Quant Time: Aug 10 06:38:08 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM080319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 09 01:29:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	784	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.39	136	3420	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.27	164	1968	0.40	ng/ul	-0.01
10) Phenanthrene-d10	17.02	188	4409m →	0.40	ng/ul	-0.02
16) Chrysene-d12	21.23	240	4489m →	0.40	ng/ul	-0.01
20) Perylene-d12	23.44	264	4509m →	0.40	ng/ul	-0.01

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 08/12/19

System Monitoring Compounds

4) 2-Methylnaphthalene-d10	11.99	152	1602	0.28	ng/ul	-0.03
14) Fluoranthene-d10	19.06	212	3809m →	0.26	ng/ul	-0.02

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Target Compounds

				Ovalue
11) Pentachlorophenol	16.68	266	169m →	0.208 ng/ul
12) Phenanthrene	17.07	178	657m →	0.051 ng/ul
17) Pyrene	19.46	202	599	0.032 ng/ul# 43

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