

Quantitation Report (QT Reviewed)

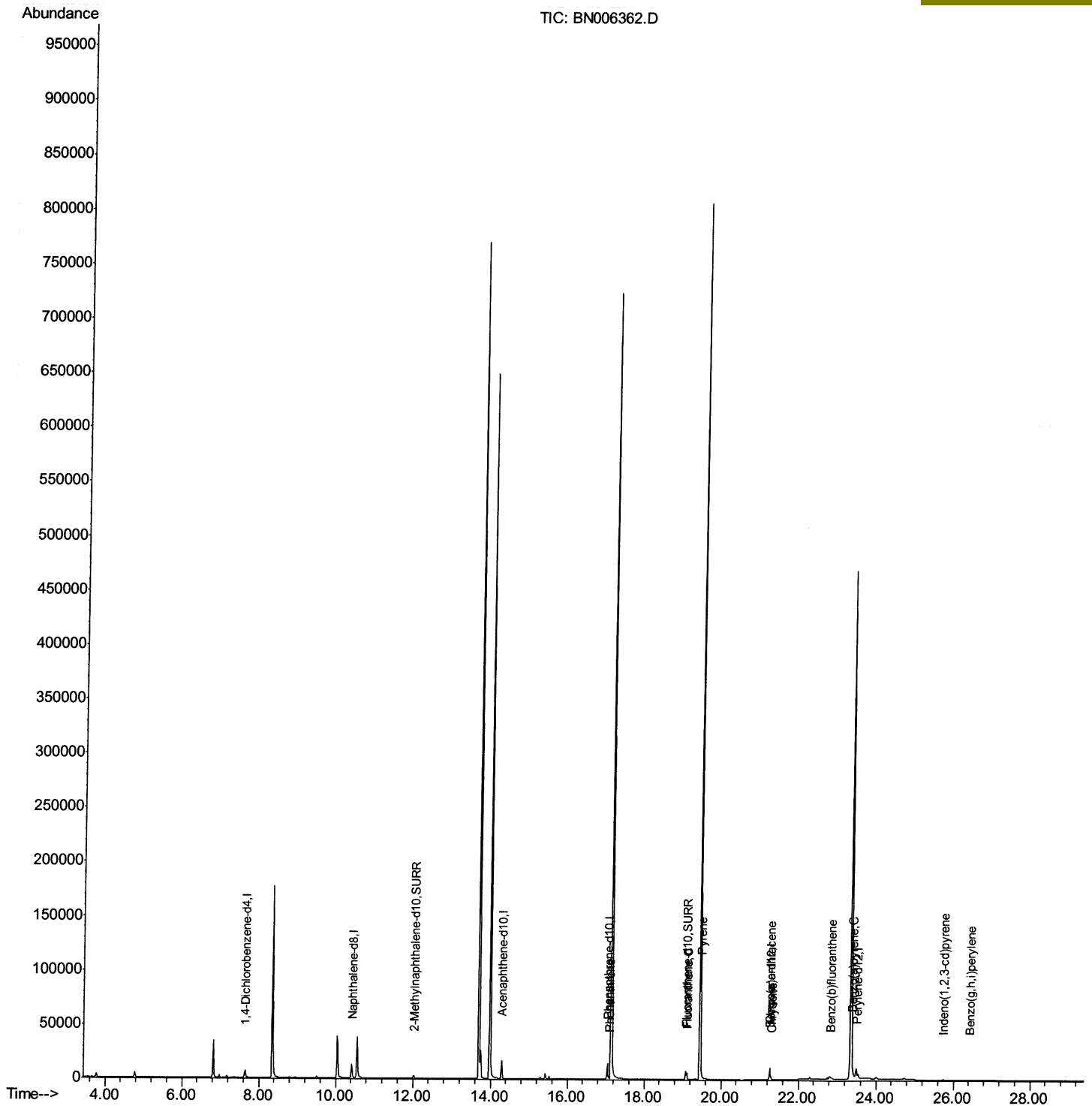
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061719\
 Data File : BN006362.D
 Acq On : 17 Jun 2019 23:19
 Operator : JU/SJ
 Sample : K3335-17
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4204

Quant Time: Jun 18 04:26:21 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN053019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 17 11:13:07 2019
 Response via : Initial Calibration

Manual Integrations
 APPROVED

mohammad
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Quantitation Report (Qedit)

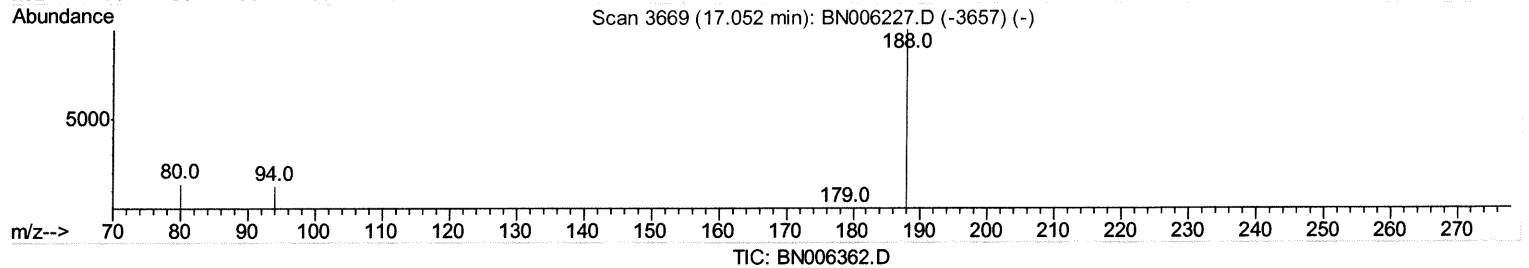
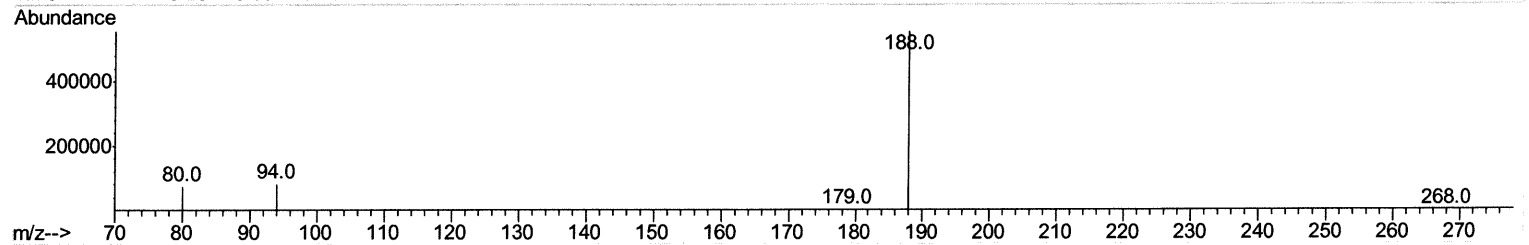
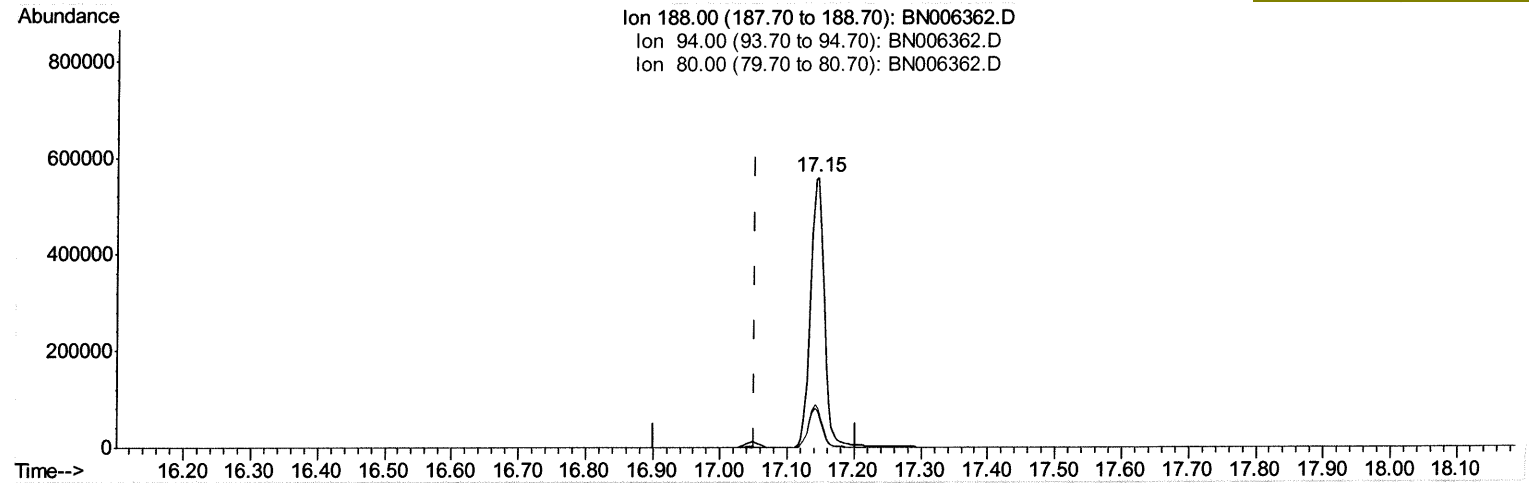
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061719\
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 A4204

Quant Time: Jun 18 01:52:20 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN053019.M
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(10) Phenanthrene-d10 (I)

17.145min (+0.093) 0.40ng/ul

response 800050

Ion	Exp%	Act%
188.00	100	100
94.00	13.00	14.62
80.00	13.60	13.28
0.00	0.00	0.00

Quantitation Report (Qedit)

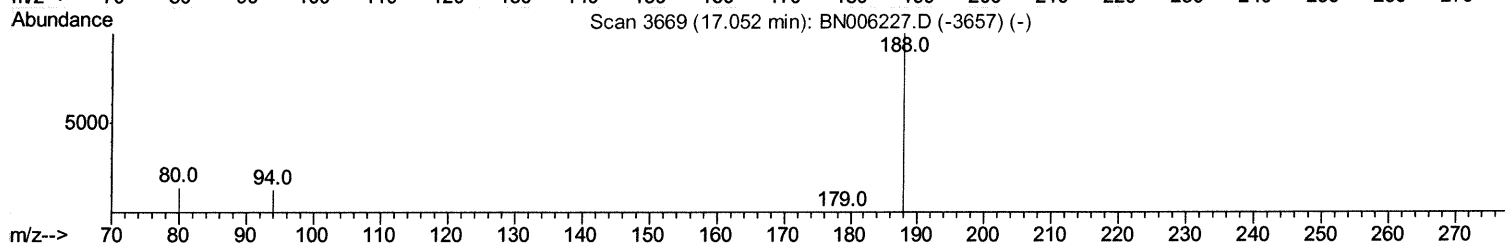
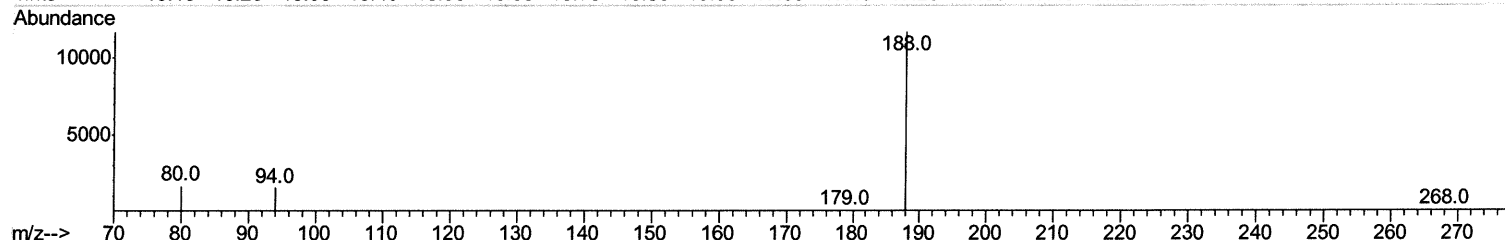
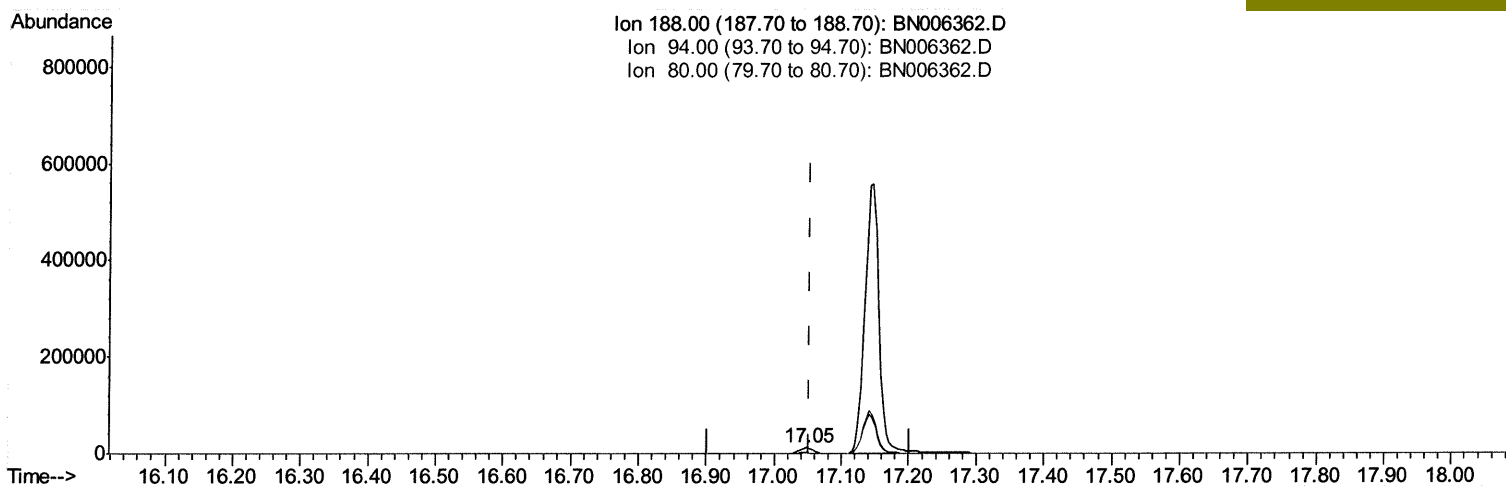
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061719\
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TIC: BN006362.D

(10) Phenanthrene-d10 (I)

17.048min (-0.004) 0.40ng/ul m *JU 06/18/19*

response 16649

Ion	Exp%	Act%
188.00	100	100
94.00	13.00	13.07
80.00	13.60	14.37
0.00	0.00	0.00

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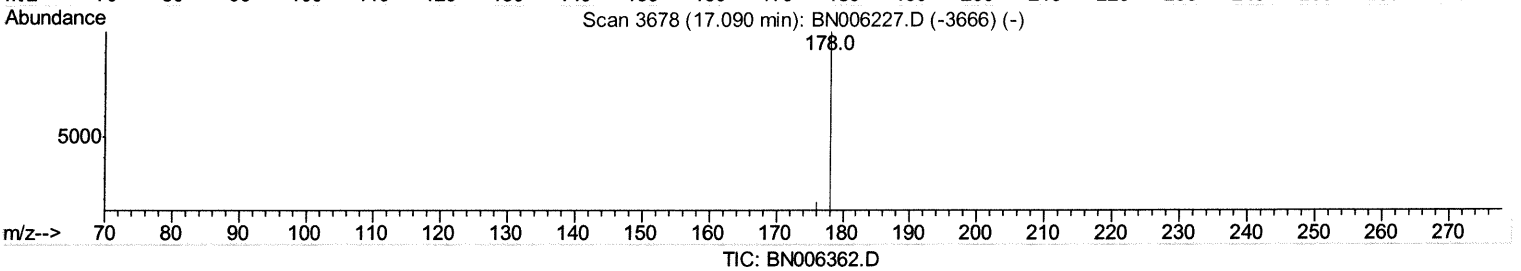
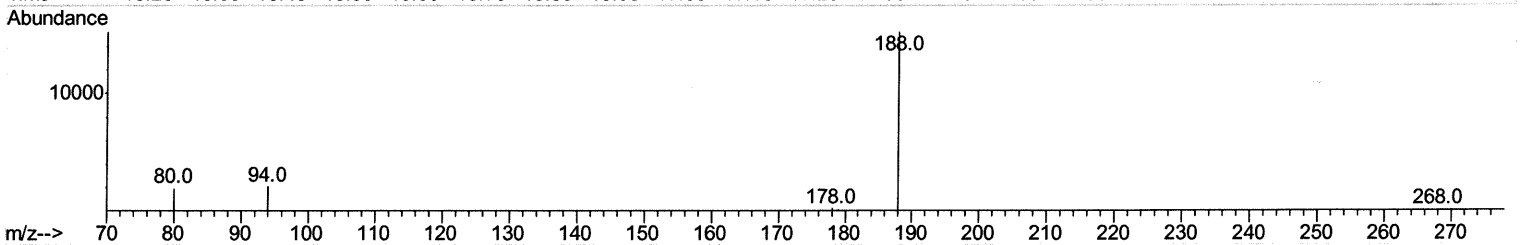
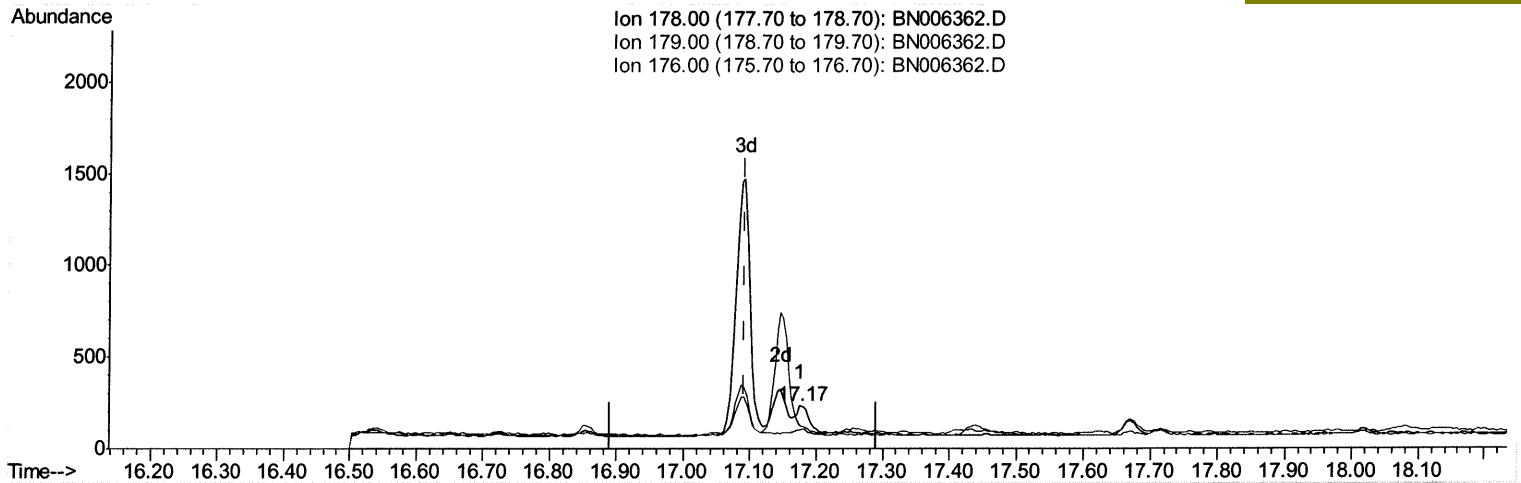
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061719\
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(12) Phenanthrene

17.175min (+0.085) 0.00ng/ul

response 258

Ion	Exp%	Act%
178.00	100	100
179.00	15.40	54.08#
176.00	19.10	42.06#
0.00	0.00	0.00

Quantitation Report (Qedit)

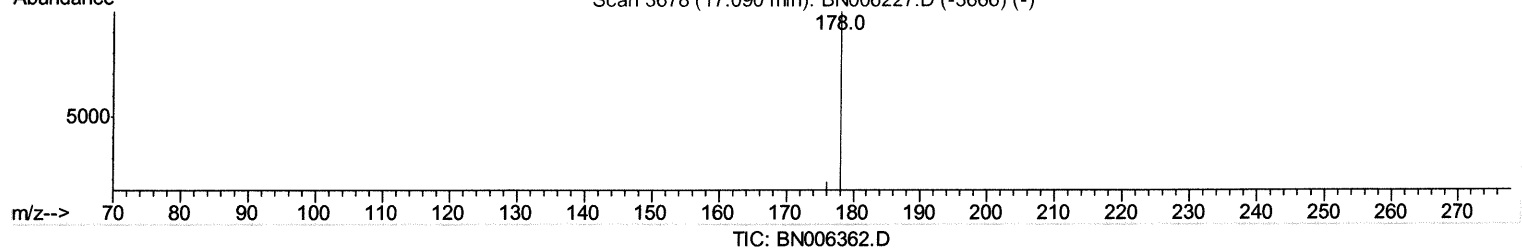
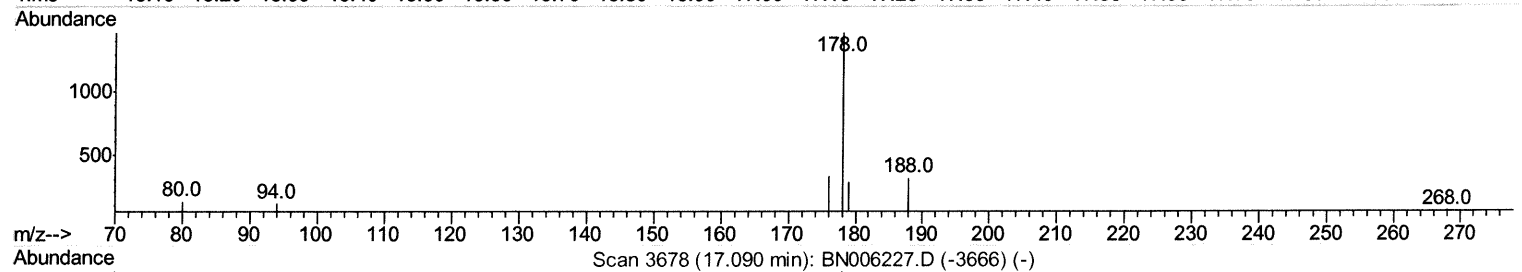
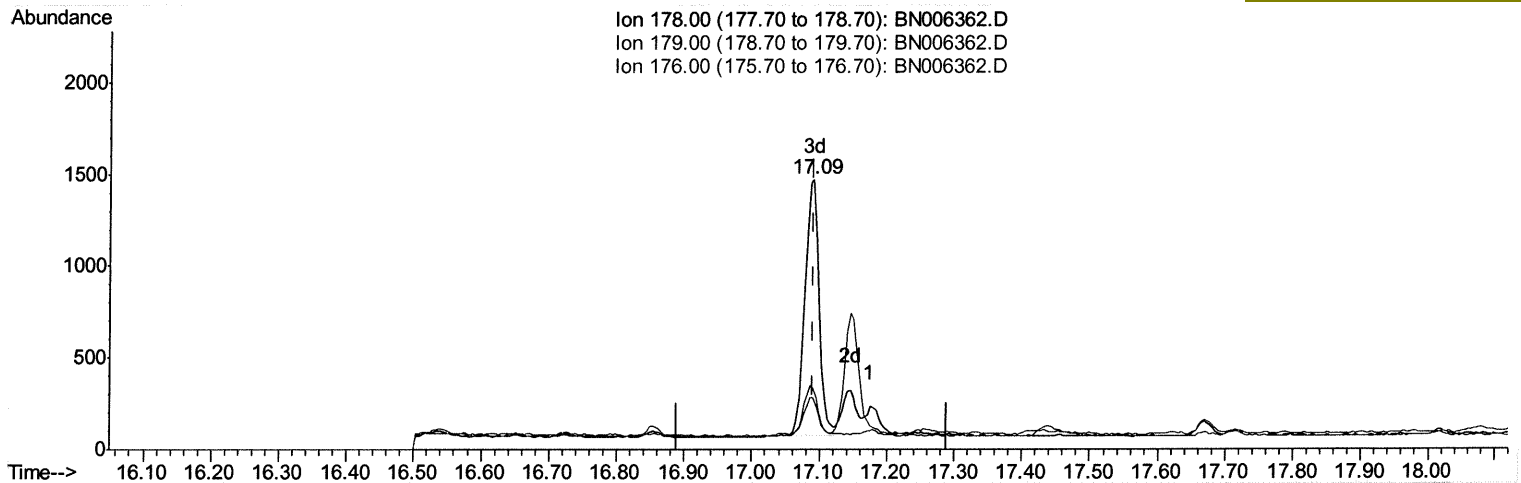
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 Misc :
 ALS Vial : 22 Sample Multiplier: 1

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(12) Phenanthrene

17.090min (+0.000) 0.04ng/ul m 06/18/19

response 2042

Ion	Exp%	Act%
178.00	100	100
179.00	15.40	19.10#
176.00	19.10	22.57
0.00	0.00	0.00

Quantitation Report (Qedit)

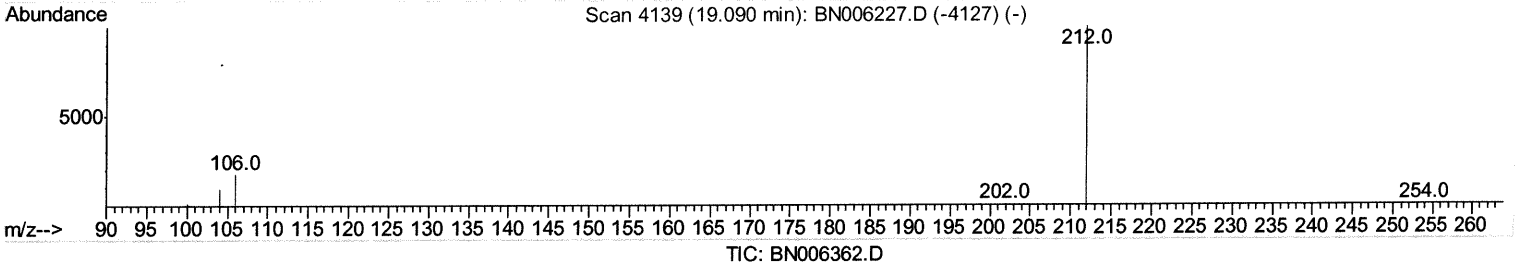
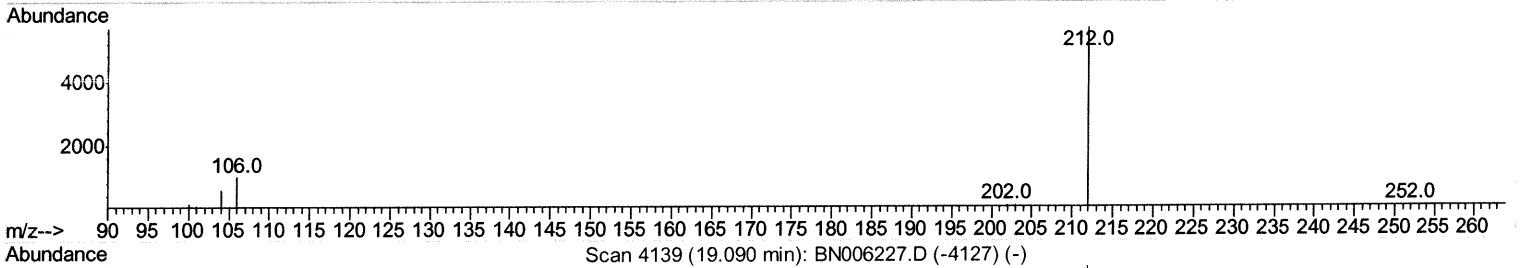
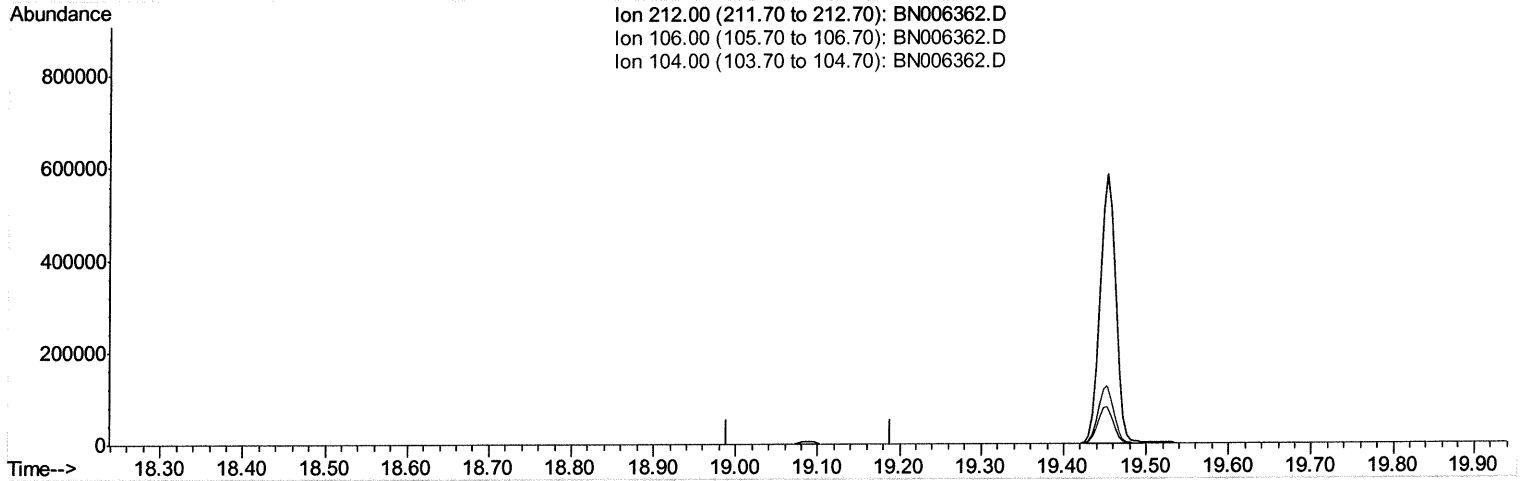
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 ALS Vial : 22 Sample Multiplier: 1

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(14) Fluoranthene-d10 (SURR)

19.090min (-19.090) 0.00ng/ul

response 0

Ion	Exp%	Act%
212.00	100	0.00
106.00	18.10	0.00#
104.00	9.90	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

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 Data File : BN006362.D
 Acq On : 17 Jun 2019 23:19
 Operator : JU/SJ
 Sample : K3335-17
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

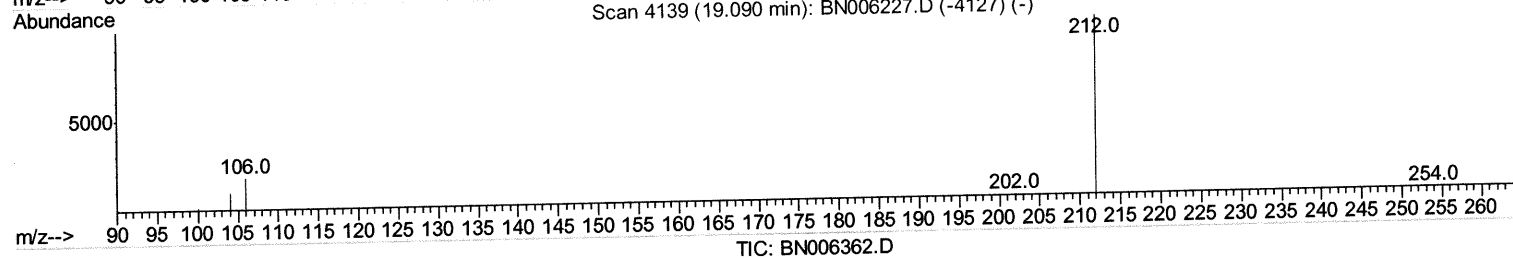
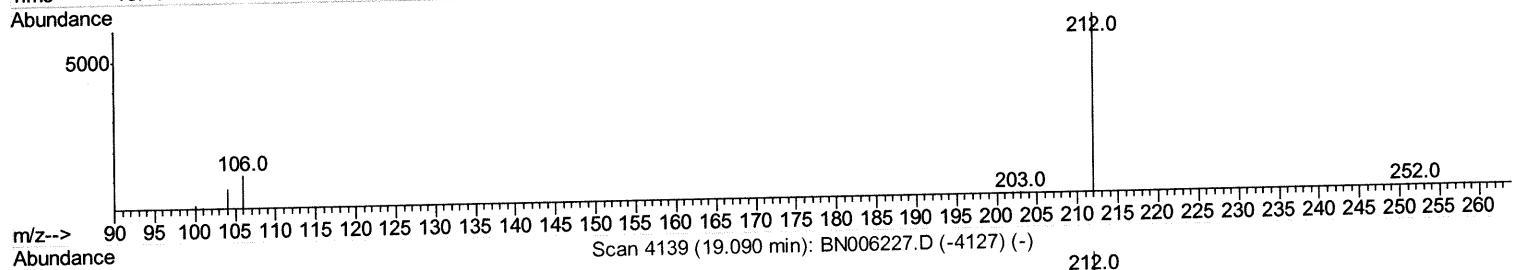
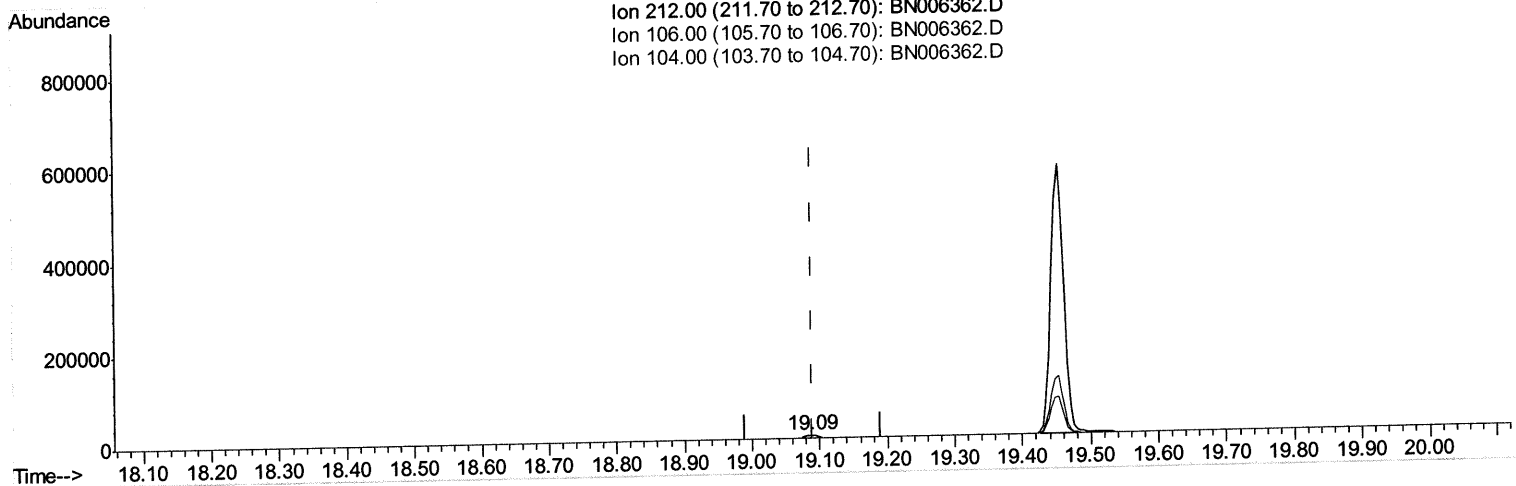
Instrument :
 BNA_N
 ClientSampleId :
 A4204

Quant Time: Jun 18 04:21:30 2019
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Ion 212.00 (211.70 to 212.70): BN006362.D
 Ion 106.00 (105.70 to 106.70): BN006362.D
 Ion 104.00 (103.70 to 104.70): BN006362.D



(14) Fluoranthene-d10 (SURR)

19.086min (-0.005) 0.19ng/ul m *JU 6/18/19*

response 8618

Ion	Exp%	Act%
212.00	100	100
106.00	18.10	0.00#
104.00	9.90	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

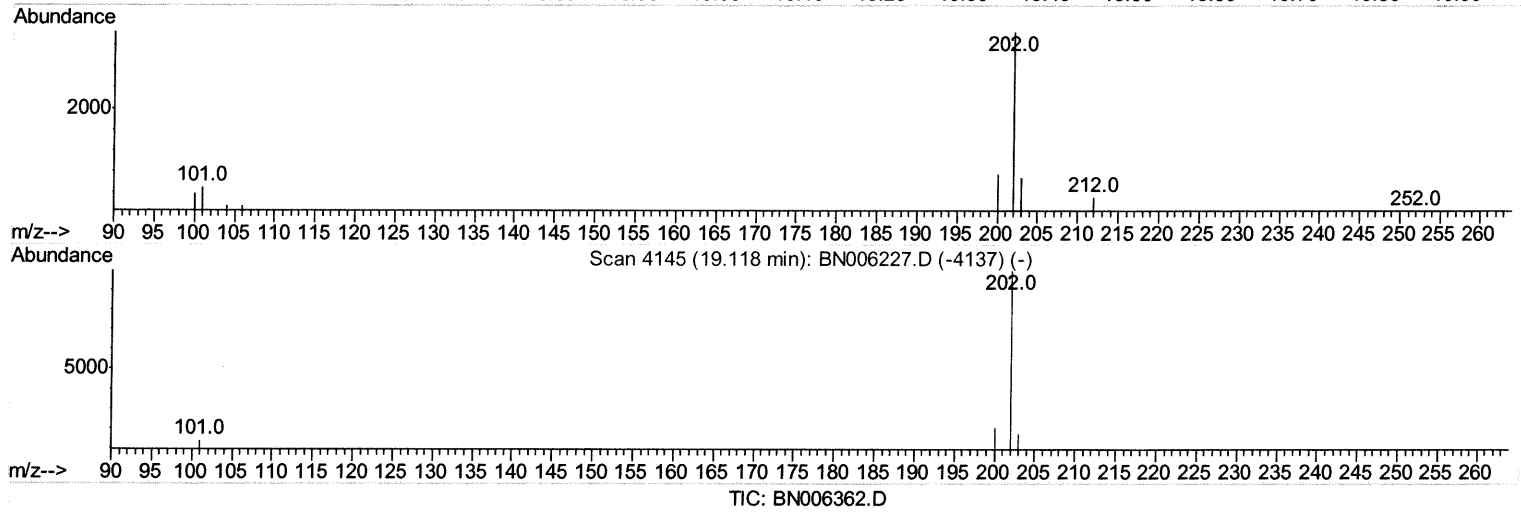
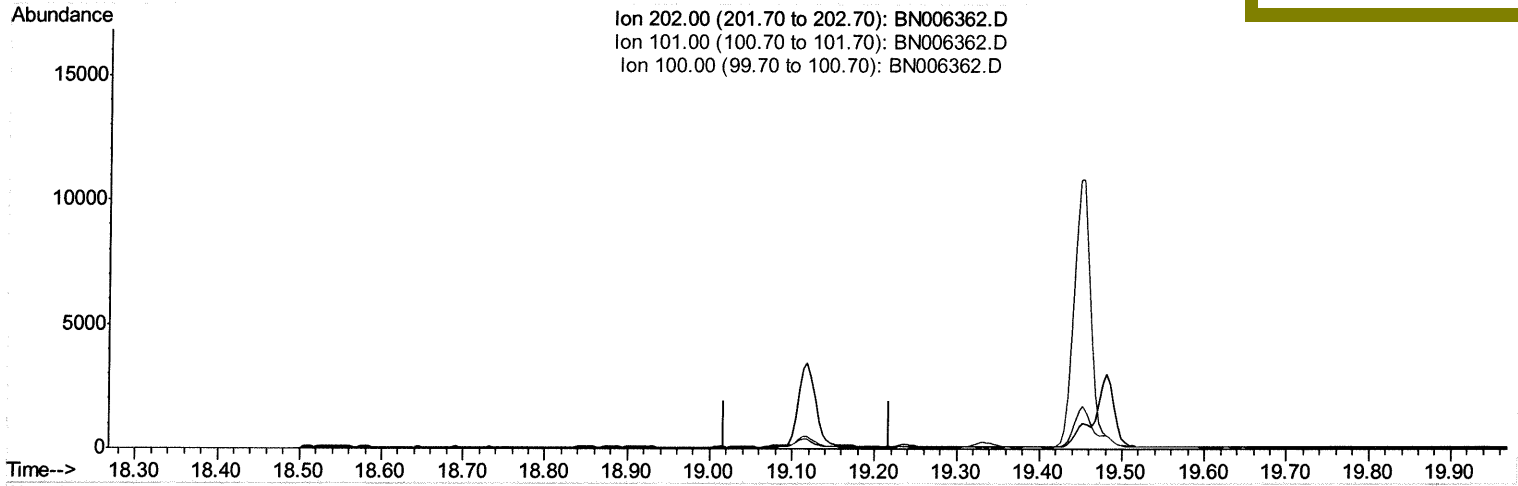
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061719\
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 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
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(15) Fluoranthene (C)

19.118min (-19.118) 0.00ng/ul

response 0

Ion	Exp%	Act%
202.00	100	0.00
101.00	12.10	0.00
100.00	8.70	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

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 Operator : JU/SJ
 Sample : K3335-17
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

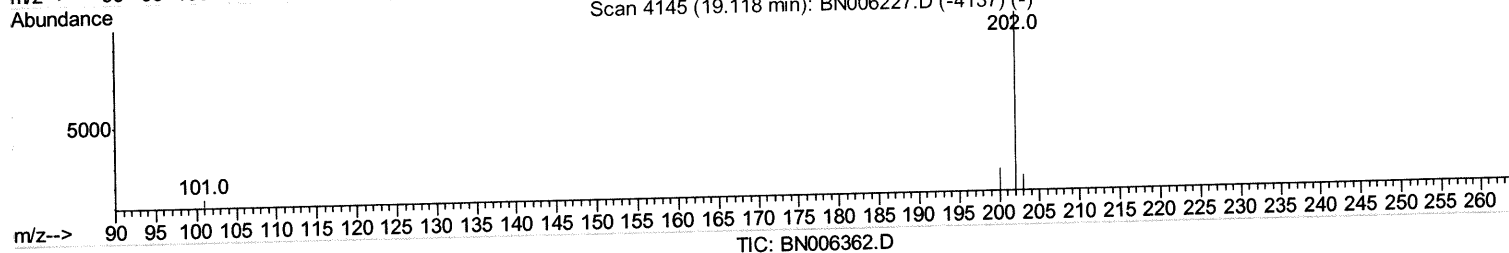
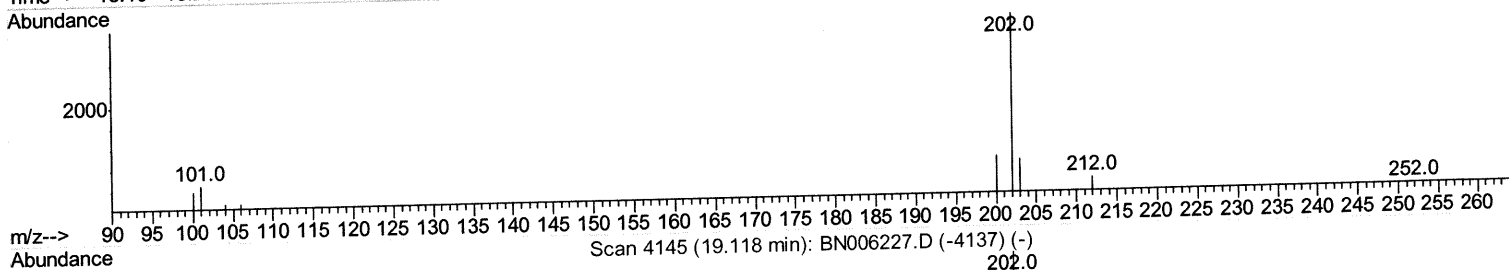
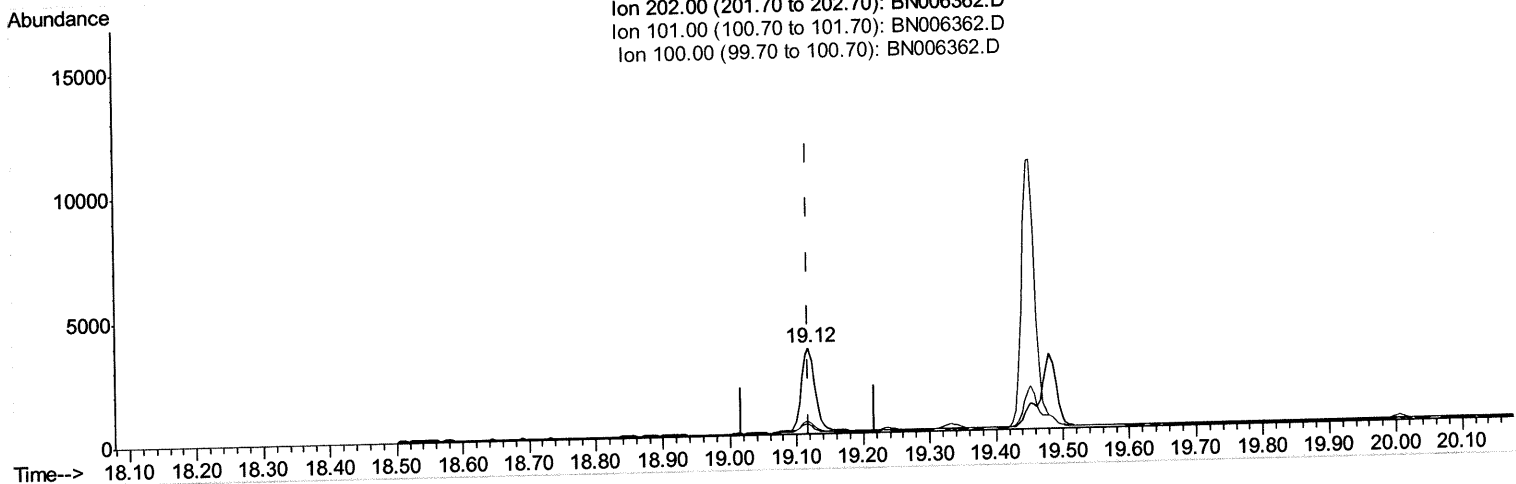
Instrument :
 BNA_N
 ClientSampleId :
 A4204

Quant Time: Jun 18 04:21:30 2019
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Ion 202.00 (201.70 to 202.70): BN006362.D
 Ion 101.00 (100.70 to 101.70): BN006362.D
 Ion 100.00 (99.70 to 100.70): BN006362.D



(15) Fluoranthene (C)

19.118min (+0.000) 0.08ng/ul m ^{JU} 06/18/19

response 4992

Ion	Exp%	Act%
202.00	100	100
101.00	12.10	14.43
100.00	8.70	11.04
0.00	0.00	0.00

Quantitation Report (Qedit)

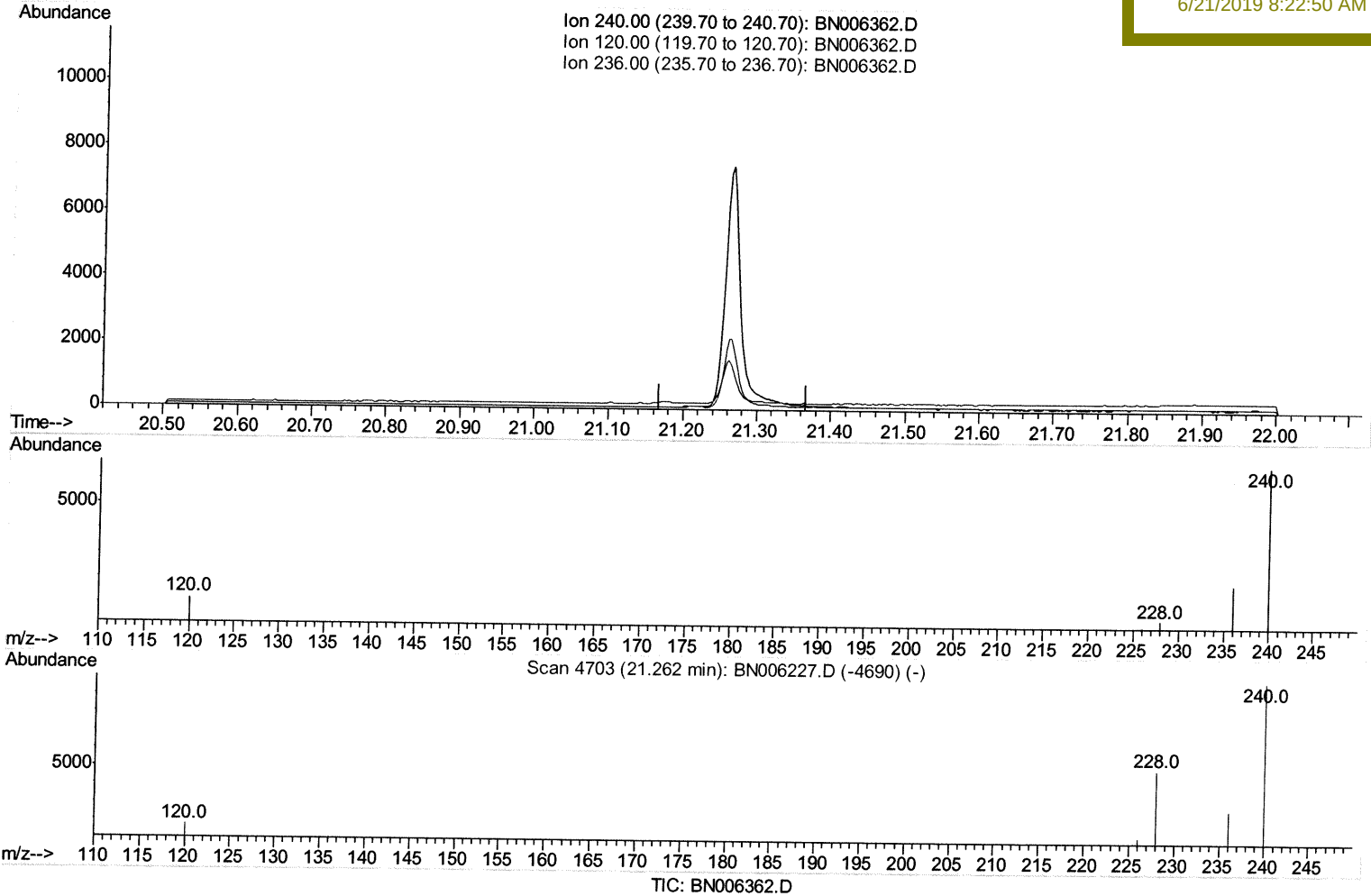
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061719\
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Manual Integrations
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 6/21/2019 8:22:50 AM



(16) Chrysene-d12 (I)

21.268min (-21.268) 0.00ng/ul

response 0

Ion	Exp%	Act%
240.00	100	0.00
120.00	20.10	0.00#
236.00	30.10	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

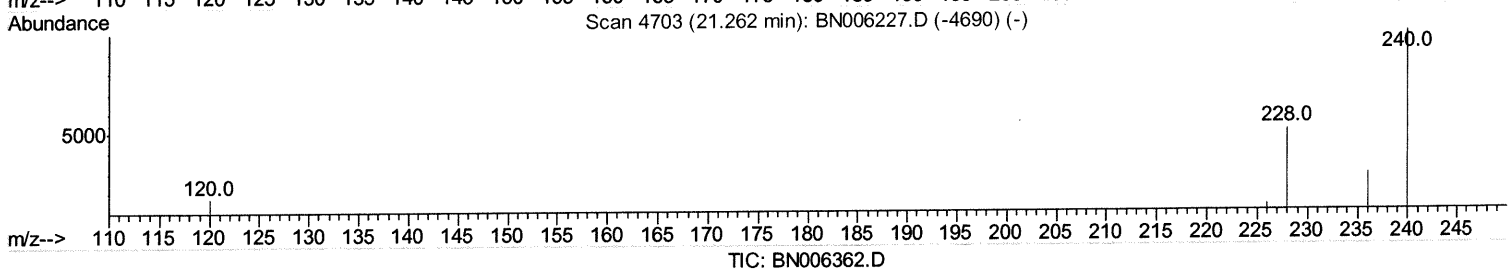
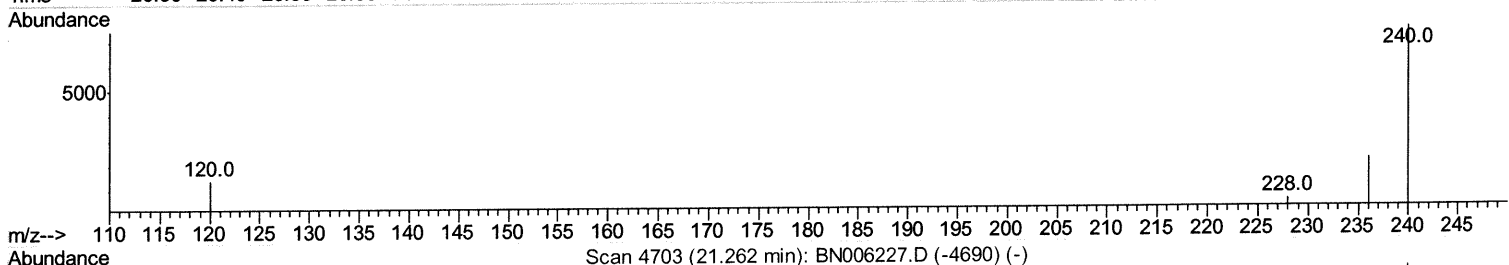
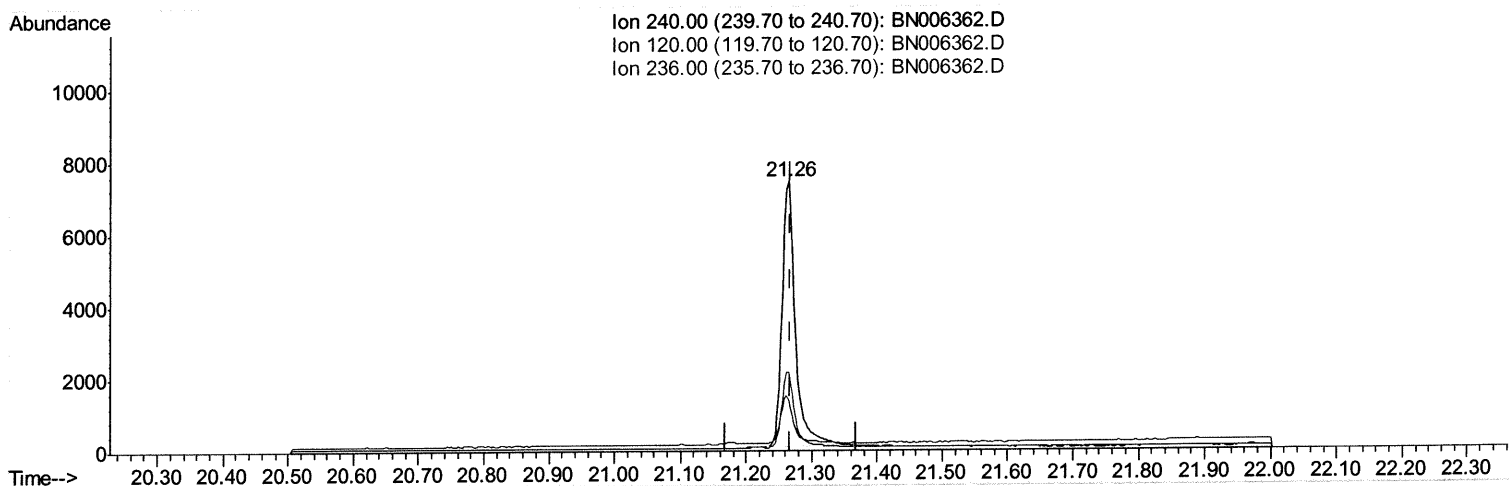
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 Data File : BN006362.D
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 Sample : K3335-17
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
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 6/21/2019 8:22:50 AM



(16) Chrysene-d12 (I)

21.264min (-0.004) 0.40ng/ul m *JU* 06/18/19

response 10609

Ion	Exp%	Act%
240.00	100	100
120.00	20.10	18.87
236.00	30.10	28.97
0.00	0.00	0.00

Quantitation Report (Qedit)

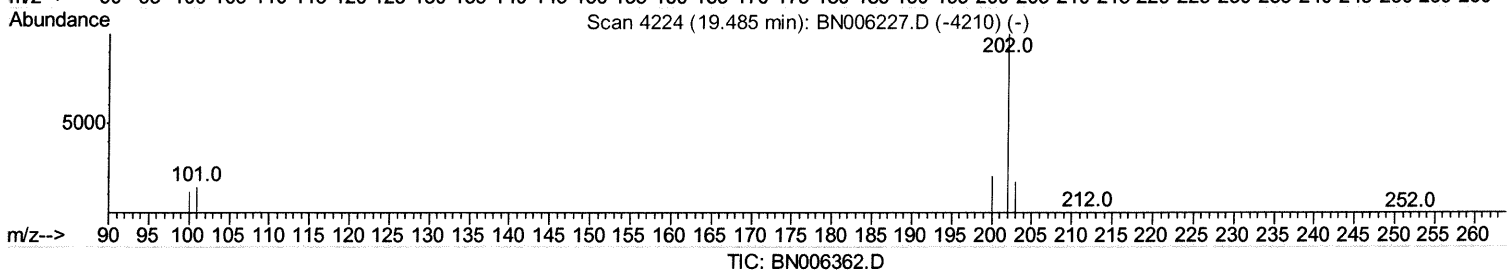
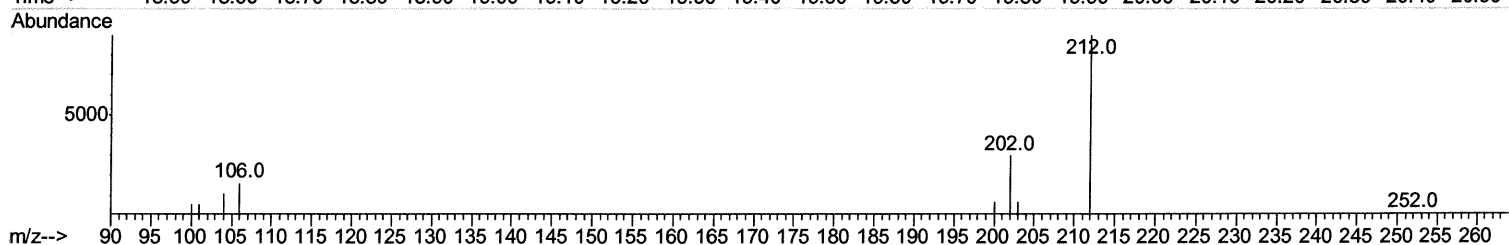
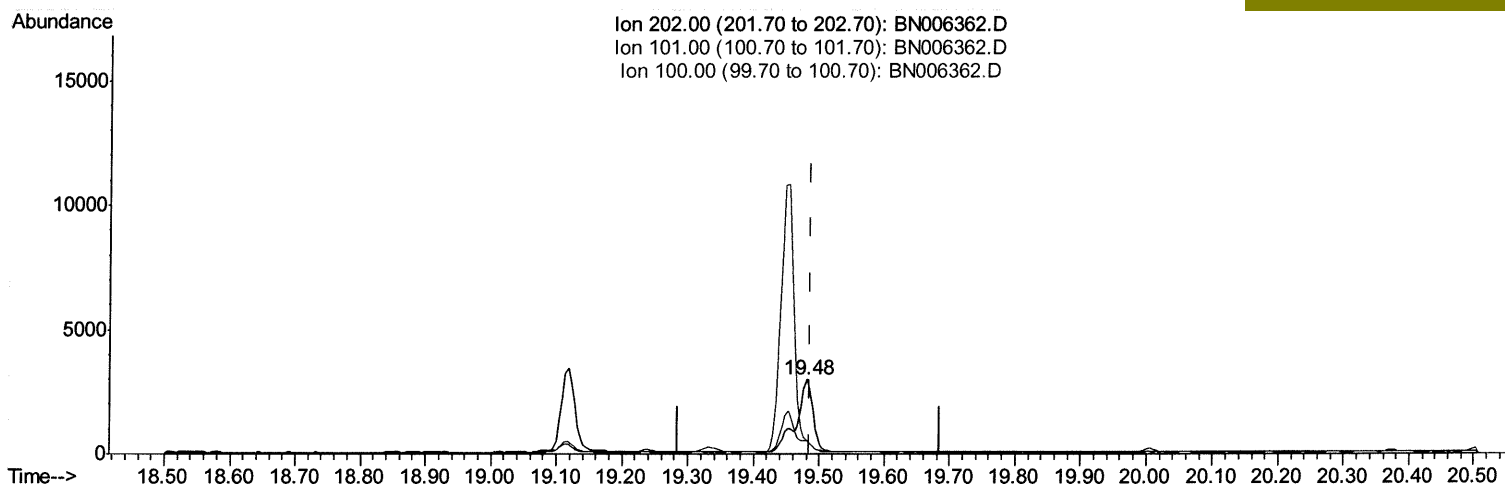
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(17) Pyrene

19.481min (-0.005) 0.09ng/ui

response 5201

Ion	Exp%	Act%
202.00	100	100
101.00	15.20	17.80
100.00	12.20	18.37#
0.00	0.00	0.00

Quantitation Report (Qedit)

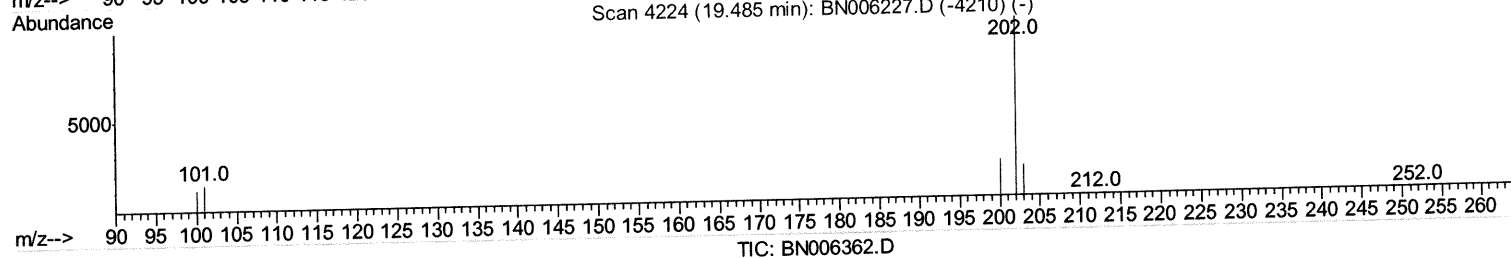
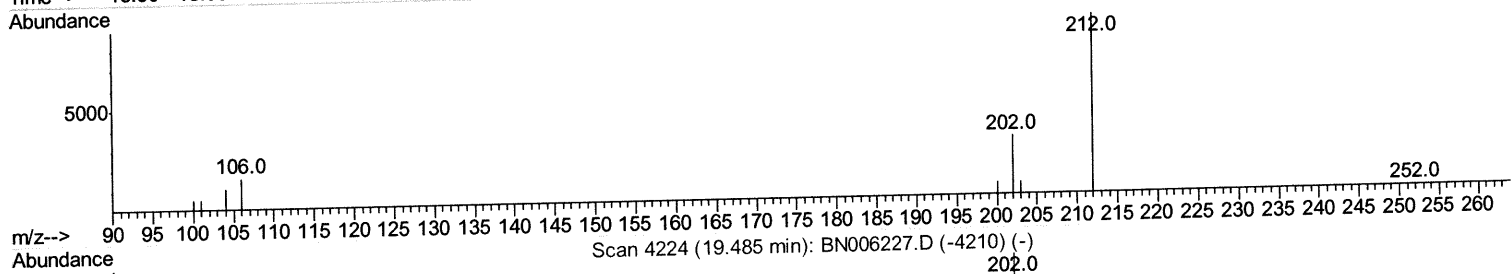
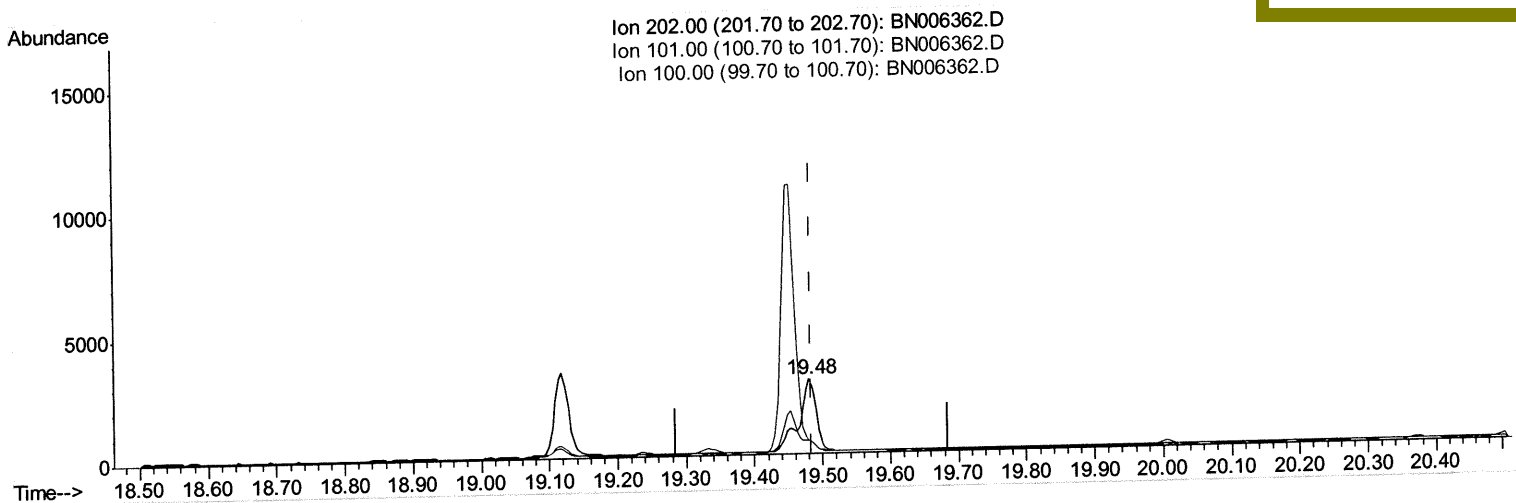
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(17) Pyrene

19.481min (-0.005) 0.07ng/ul m *JU* 06/18/19

response 3832

Ion	Exp%	Act%
202.00	100	100
101.00	15.20	17.80
100.00	12.20	18.37#
0.00	0.00	0.00

Quantitation Report (Qedit)

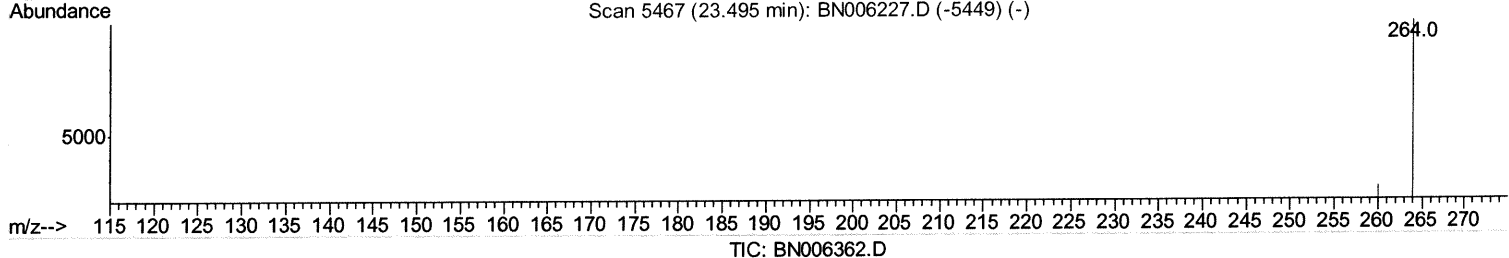
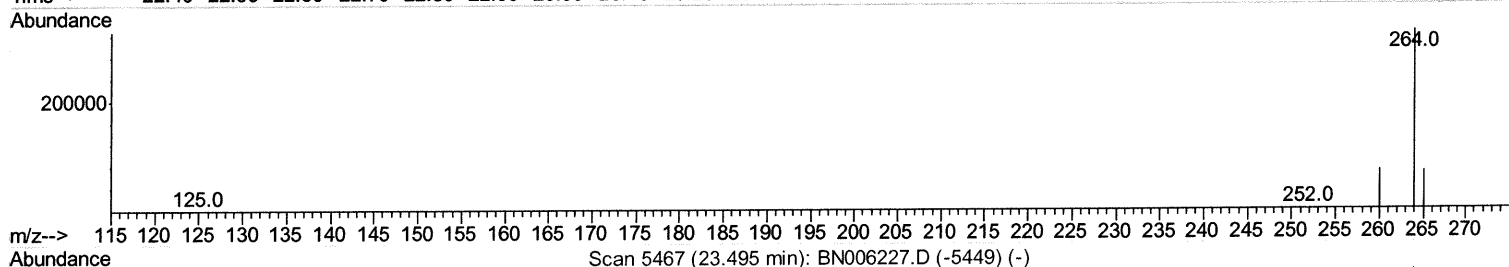
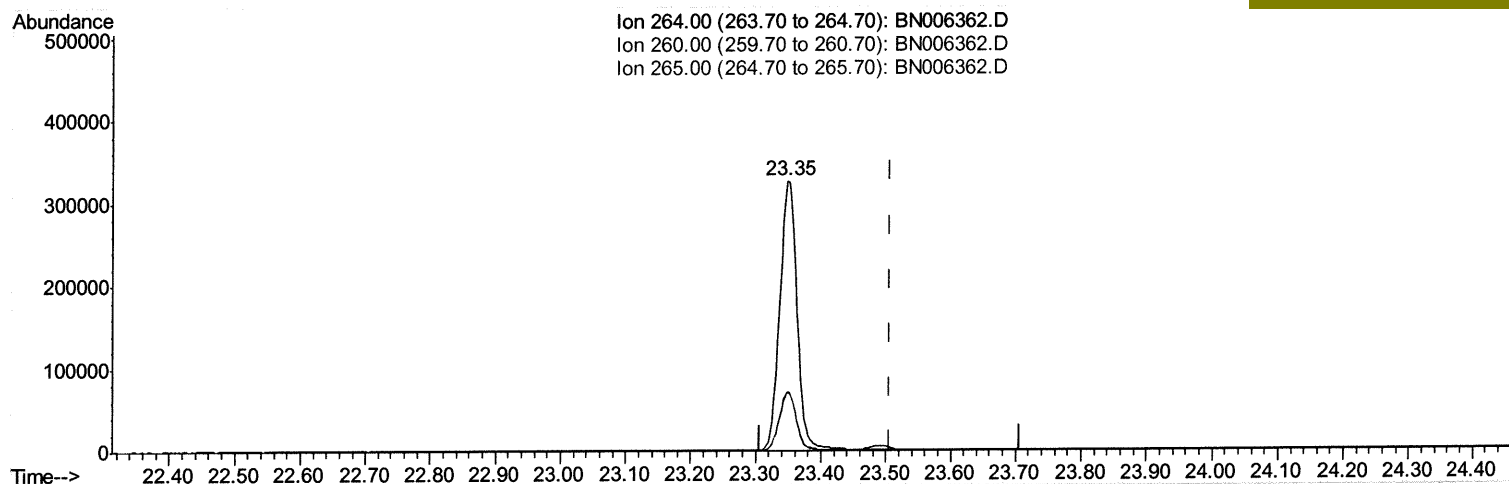
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(20) Perylene-d12 (I)

23.348min (-0.159) 0.40ng/ul

response 586562

Ion	Exp%	Act%
264.00	100	100
260.00	29.20	21.94#
265.00	44.70	21.38#
0.00	0.00	0.00

Quantitation Report (Qedit)

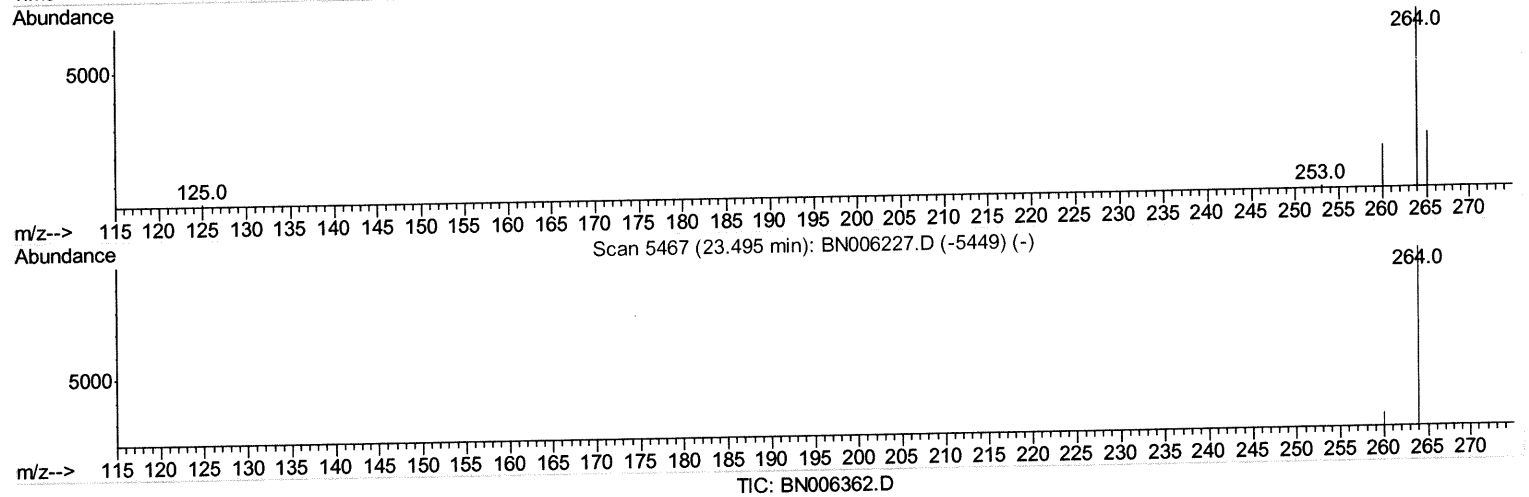
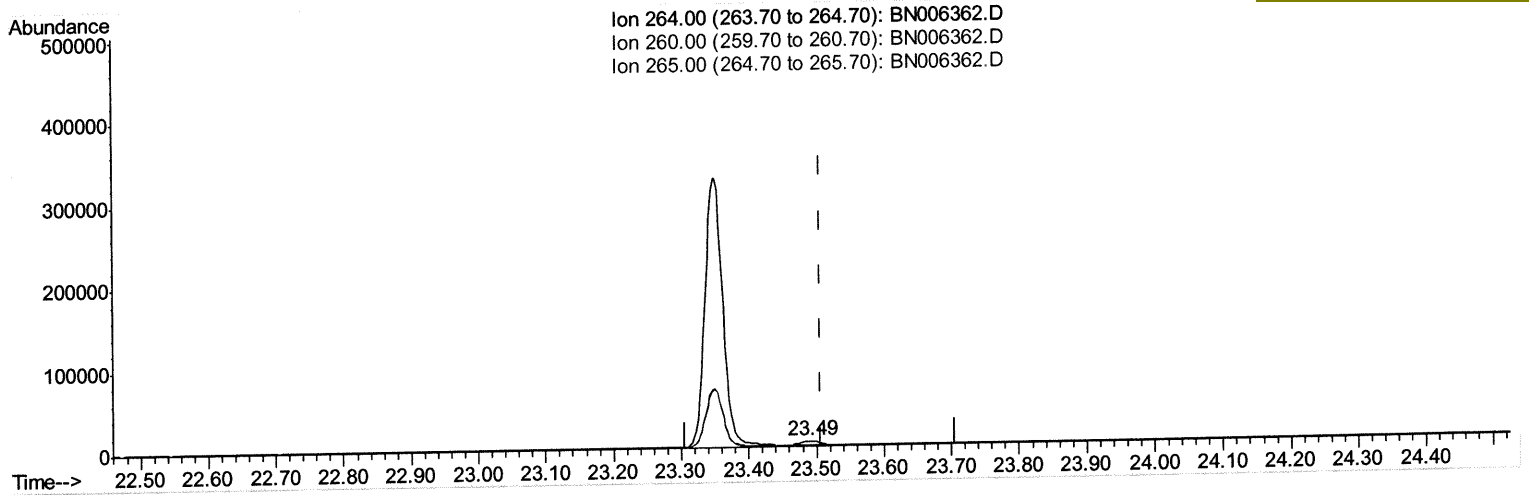
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 A4204

Quant Time: Jun 18 04:23:26 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN053019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 17 11:13:07 2019
 Response via : Initial Calibration

Manual Integrations
 APPROVED

mohammad
 6/21/2019 8:22:50 AM



(20) Perylene-d12 (I)

23.491min (-0.016) 0.40ng/ul m

JU
 06/18/19

response 9217

Ion	Exp%	Act%
264.00	100	100
260.00	29.20	26.74
265.00	44.70	33.41#
0.00	0.00	0.00

Quantitation Report (Qedit)

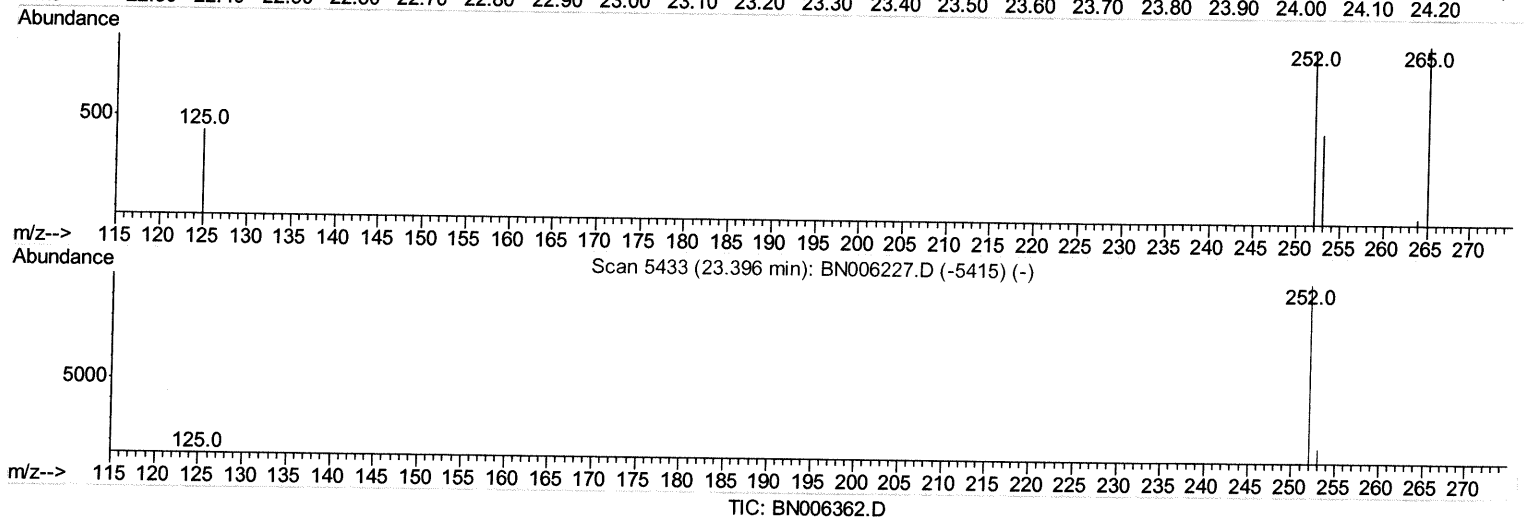
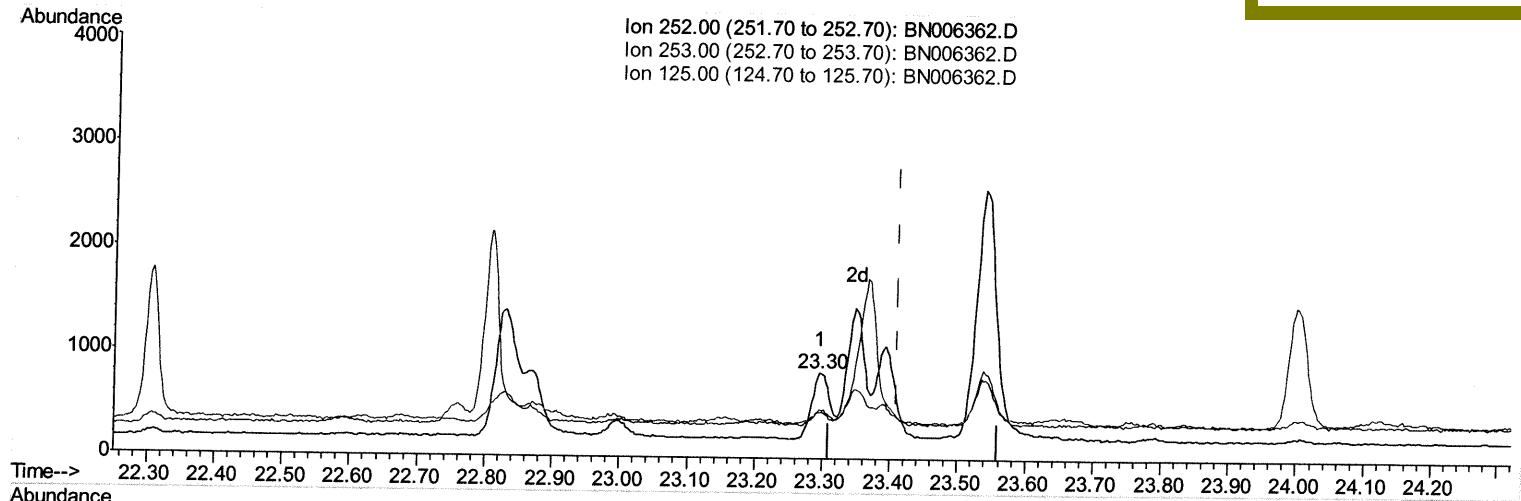
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061719\
 Data File : BN006362.D
 Acq On : 17 Jun 2019 23:19
 Operator : JU/SJ
 Sample : K3335-17
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4204

Quant Time: Jun 18 04:24:17 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN053019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Manual Integrations
 APPROVED

mohammad
 6/21/2019 8:22:50 AM



(23) Benzo(a)pyrene (C)

23.295min (-0.115) 0.03ng/ul

response 1222

Ion	Exp%	Act%
252.00	100	100
253.00	26.40	56.85#
125.00	25.40	53.18#
0.00	0.00	0.00

Quantitation Report (Qedit)

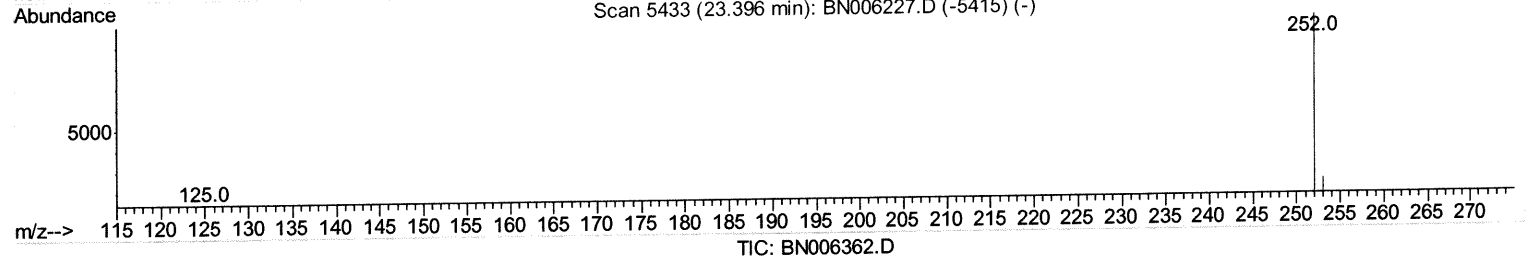
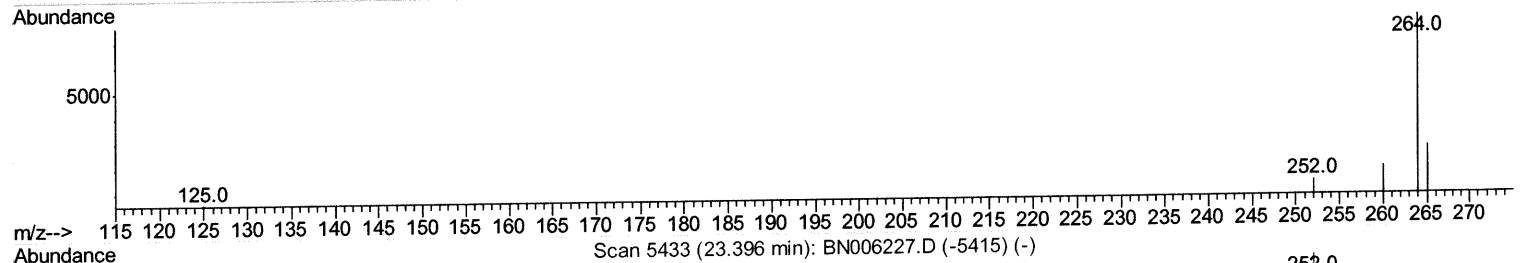
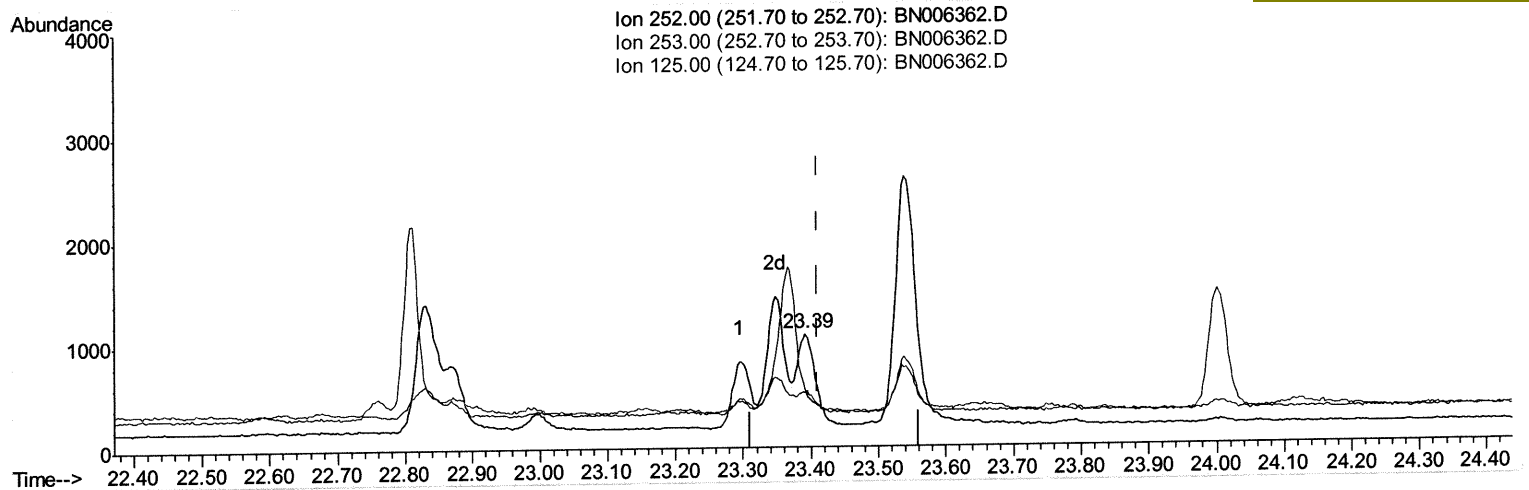
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061719\
 Data File : BN006362.D
 Acq On : 17 Jun 2019 23:19
 Operator : JU/SJ
 Sample : K3335-17
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4204

Quant Time: Jun 18 04:24:17 2019
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 17 11:13:07 2019
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Manual Integrations
 APPROVED

mohammad
 6/21/2019 8:22:50 AM



(23) Benzo(a)pyrene (C)

23.392min (-0.019) 0.05ng/ul m *JU 06/18/19*

response 1613

Ion	Exp%	Act%
252.00	100	100
253.00	26.40	48.15#
125.00	25.40	50.65#
0.00	0.00	0.00

Quantitation Report (Qedit)

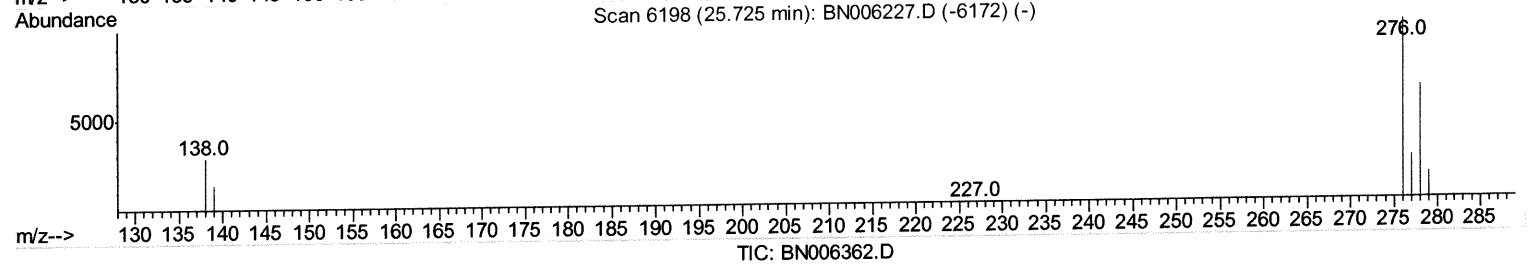
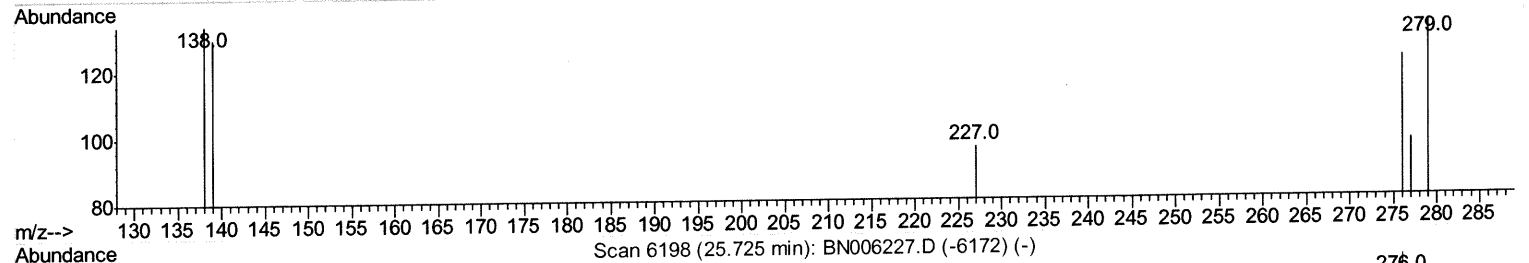
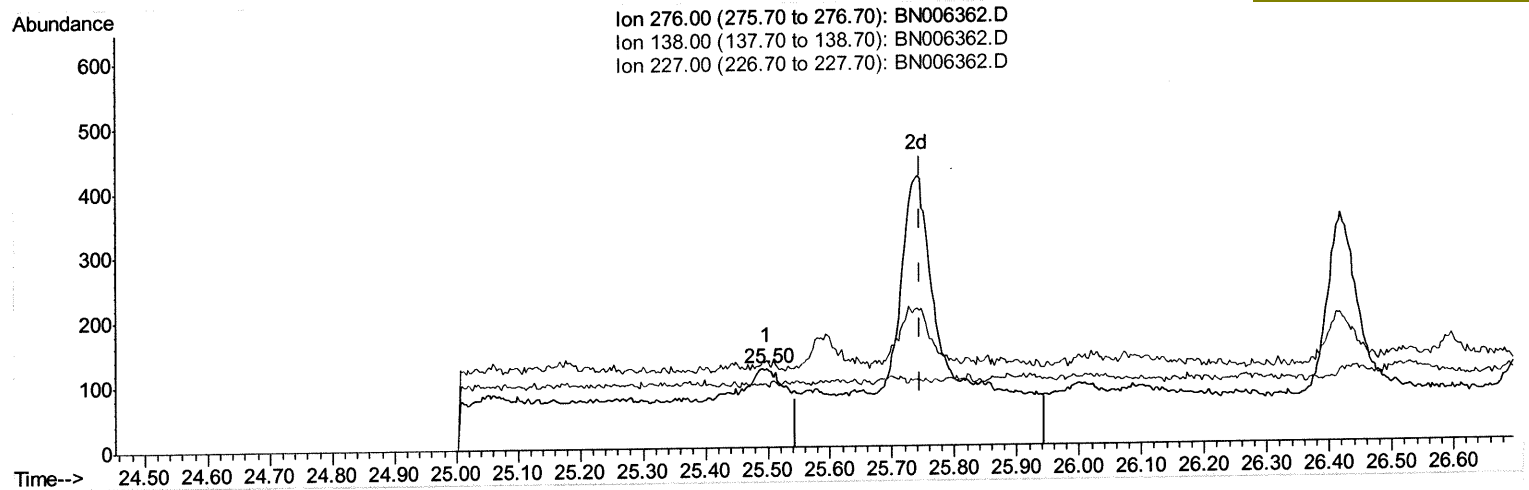
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061719\
 Data File : BN006362.D
 Acq On : 17 Jun 2019 23:19
 Operator : JU/SJ
 Sample : K3335-17
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4204

Quant Time: Jun 18 04:24:17 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN053019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Manual Integrations
 APPROVED

mohammad
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(24) Indeno(1,2,3-cd)pyrene

25.499min (-0.246) 0.00ng/ul

response 130

Ion	Exp%	Act%
276.00	100	100
138.00	32.00	0.00#
227.00	0.40	3.08#
0.00	0.00	0.00

Quantitation Report (Qedit)

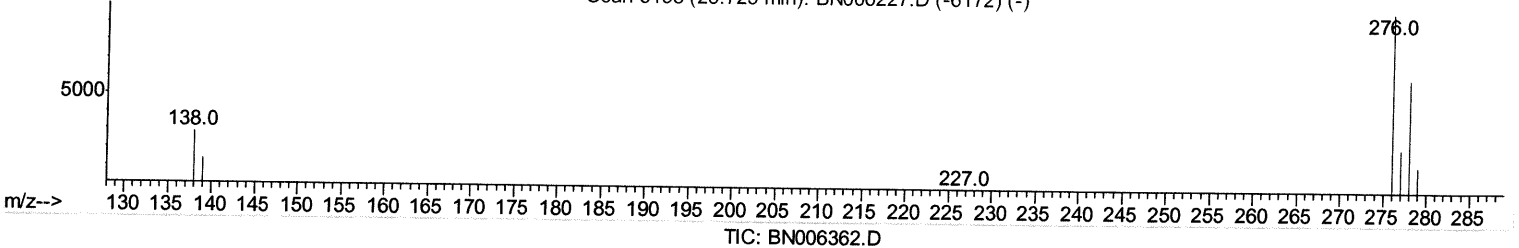
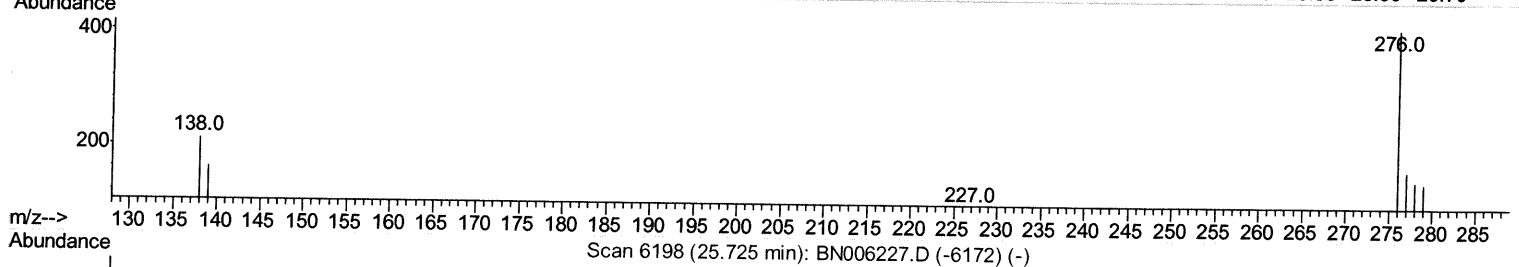
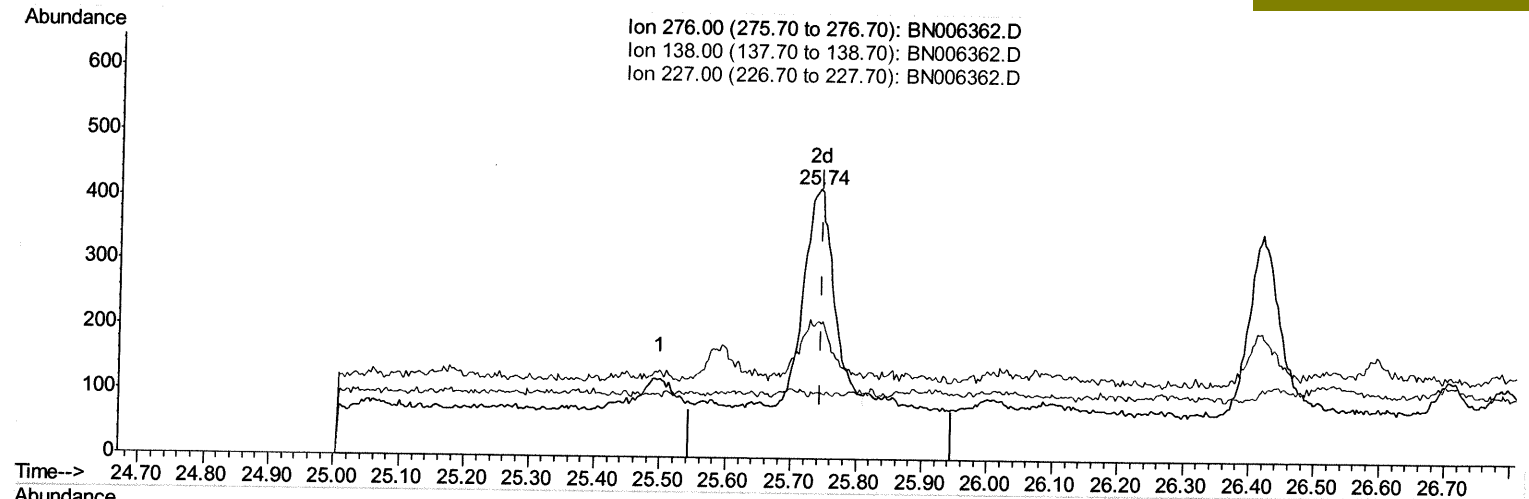
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061719\
 Data File : BN006362.D
 Acq On : 17 Jun 2019 23:19
 Operator : JU/SJ
 Sample : K3335-17
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4204

Quant Time: Jun 18 04:24:17 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN053019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Manual Integrations
 APPROVED

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 6/21/2019 8:22:50 AM



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

25.740min (-0.005) 0.03ng/ul m *JU* 06/18/19

response 1100

Ion	Exp%	Act%
276.00	100	100
138.00	32.00	0.00#
227.00	0.40	0.36
0.00	0.00	0.00

Quantitation Report (Qedit)

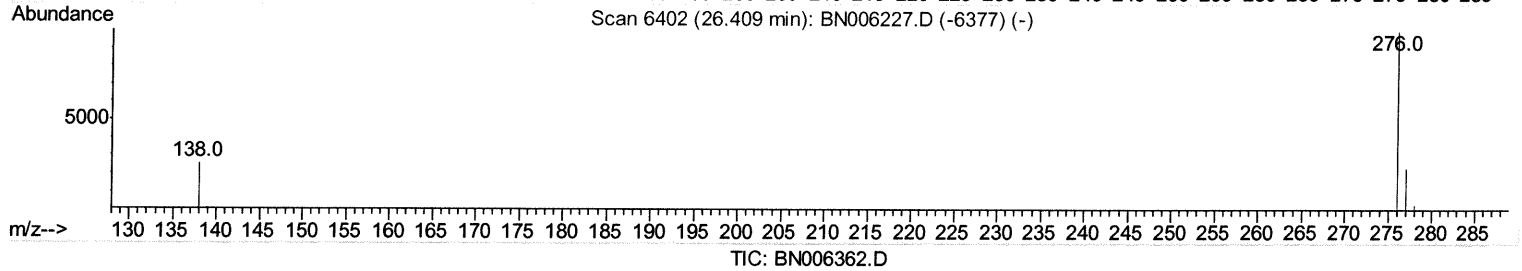
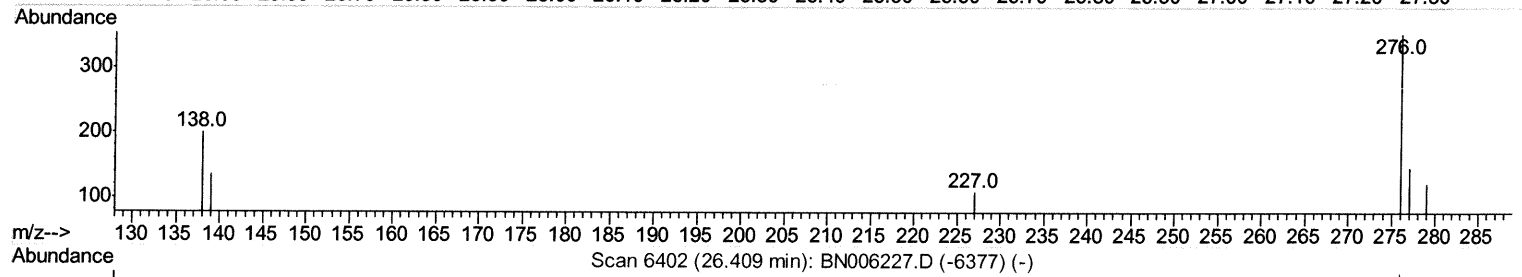
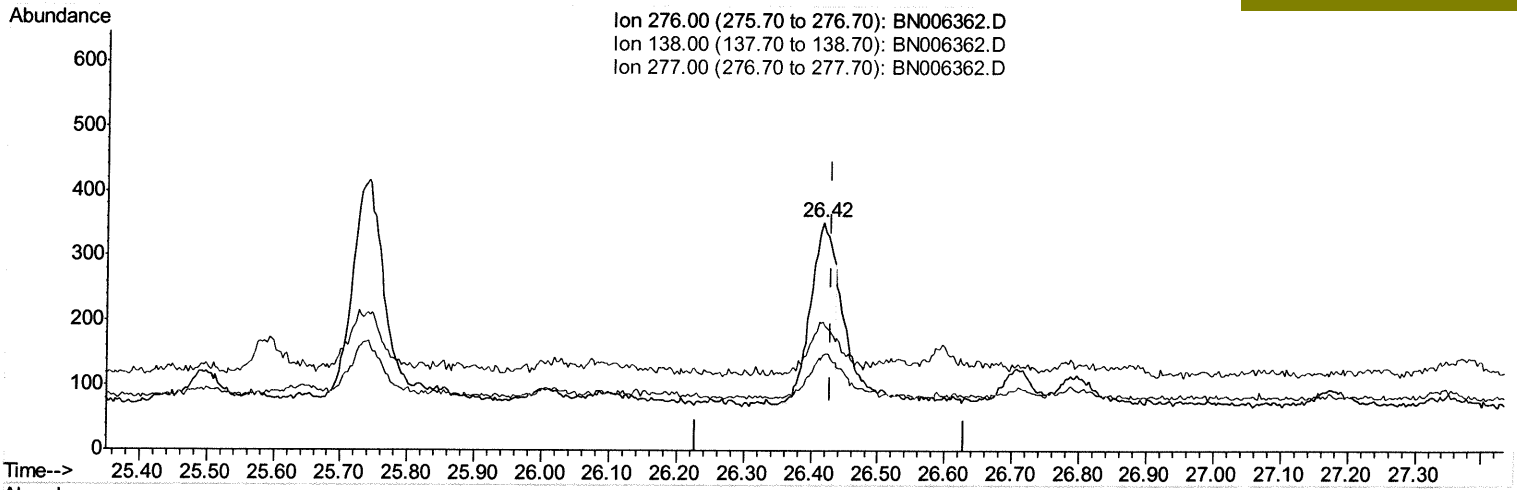
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061719\
 Data File : BN006362.D
 Acq On : 17 Jun 2019 23:19
 Operator : JU/SJ
 Sample : K3335-17
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4204

Manual Integrations
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Quant Time: Jun 18 04:24:17 2019
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(26) Benzo(g,h,i)perylene

26.418min (-0.012) 0.02ng/ul

response 668

Ion	Exp%	Act%
276.00	100	100
138.00	30.30	56.53#
277.00	26.90	41.76#
0.00	0.00	0.00

Quantitation Report (Qedit)

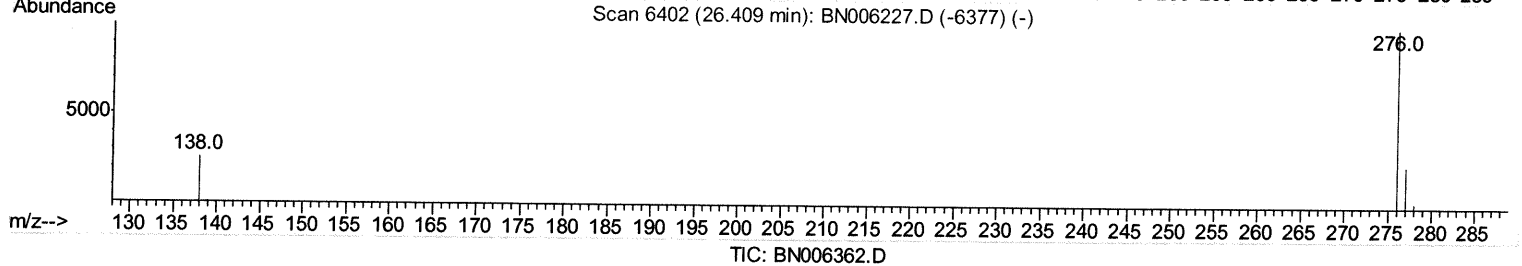
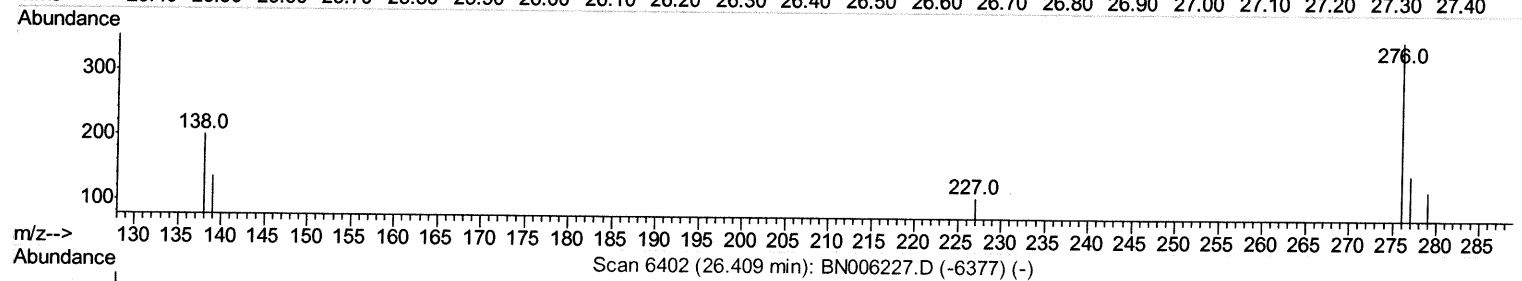
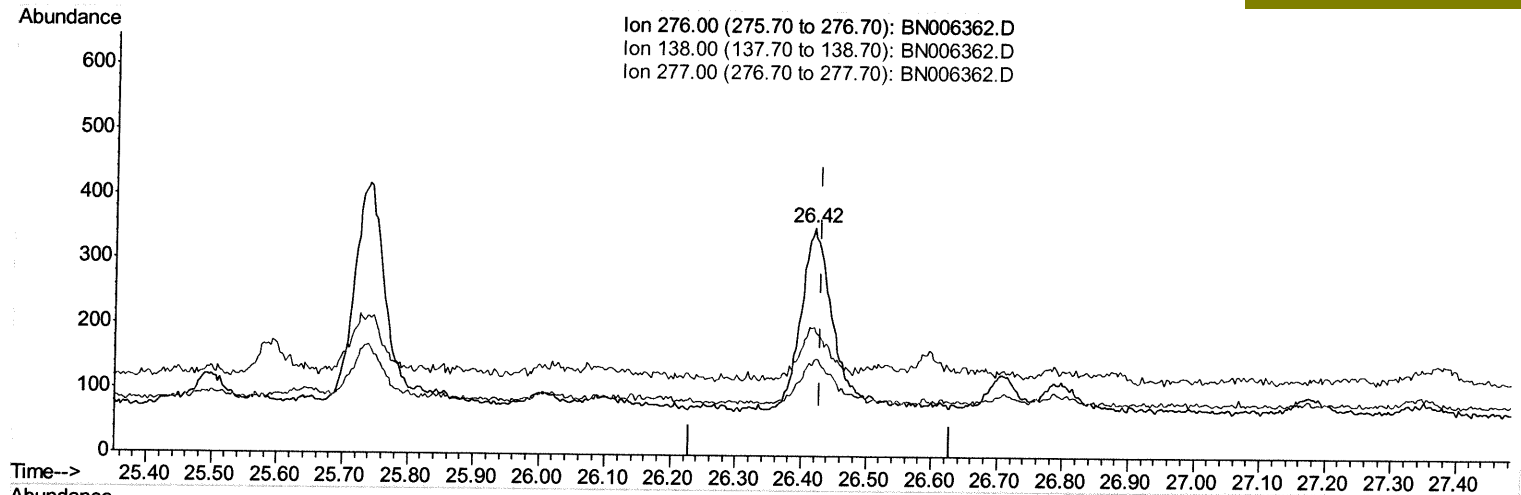
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061719\
 Data File : BN006362.D
 Acq On : 17 Jun 2019 23:19
 Operator : JU/SJ
 Sample : K3335-17
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4204

Quant Time: Jun 18 04:24:17 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN053019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 17 11:13:07 2019
 Response via : Initial Calibration

Manual Integrations
 APPROVED

mohammad
 6/21/2019 8:22:50 AM



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

26.418min (-0.012) 0.03ng/ul m *JU*
06/18/19

response 946

Ion	Exp%	Act%
276.00	100	100
138.00	30.30	56.53#
277.00	26.90	41.76#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061719\
 Data File : BN006362.D
 Acq On : 17 Jun 2019 23:19
 Operator : JU/SJ
 Sample : K3335-17
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4204

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Manual Integrations
 APPROVED

mohammad
 6/21/2019 8:22:50 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	4451	0.40	ng/ul	0.00
2) Naphthalene-d8	10.42	136	17634	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.29	164	9350	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.05	188	16649m>	0.40	ng/ul	0.00
16) Chrysene-d12	21.26	240	10609m>	0.40	ng/ul	0.00
20) Perylene-d12	23.49	264	9217m>	0.40	ng/ul	-0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.02	152	4605	0.17	ng/ul	0.00
14) Fluoranthene-d10	19.09	212	8618m>	0.19	ng/ul	0.00
Target Compounds						
12) Phenanthrene	17.09	178	2042m>	0.038	ng/ul	Ovalue 90
15) Fluoranthene	19.12	202	4992m>	0.085	ng/ul	
17) Pyrene	19.48	202	3832m>	0.069	ng/ul	
18) Benzo(a)anthracene	21.25	228	1844	0.039	ng/ul#	
19) Chrysene	21.30	228	2118	0.048	ng/ul#	
21) Benzo(b)fluoranthene	22.83	252	3030	0.079	ng/ul#	
23) Benzo(a)pyrene	23.39	252	1613m>	0.045	ng/ul	57
24) Indeno(1,2,3-cd)pyrene	25.74	276	1100m>	0.028	ng/ul	
26) Benzo(g,h,i)perylene	26.42	276	946m>	0.029	ng/ul	

(#) = qualifier out of range (m) = manual integration (+) = signals summed
 JU 06/18/19