

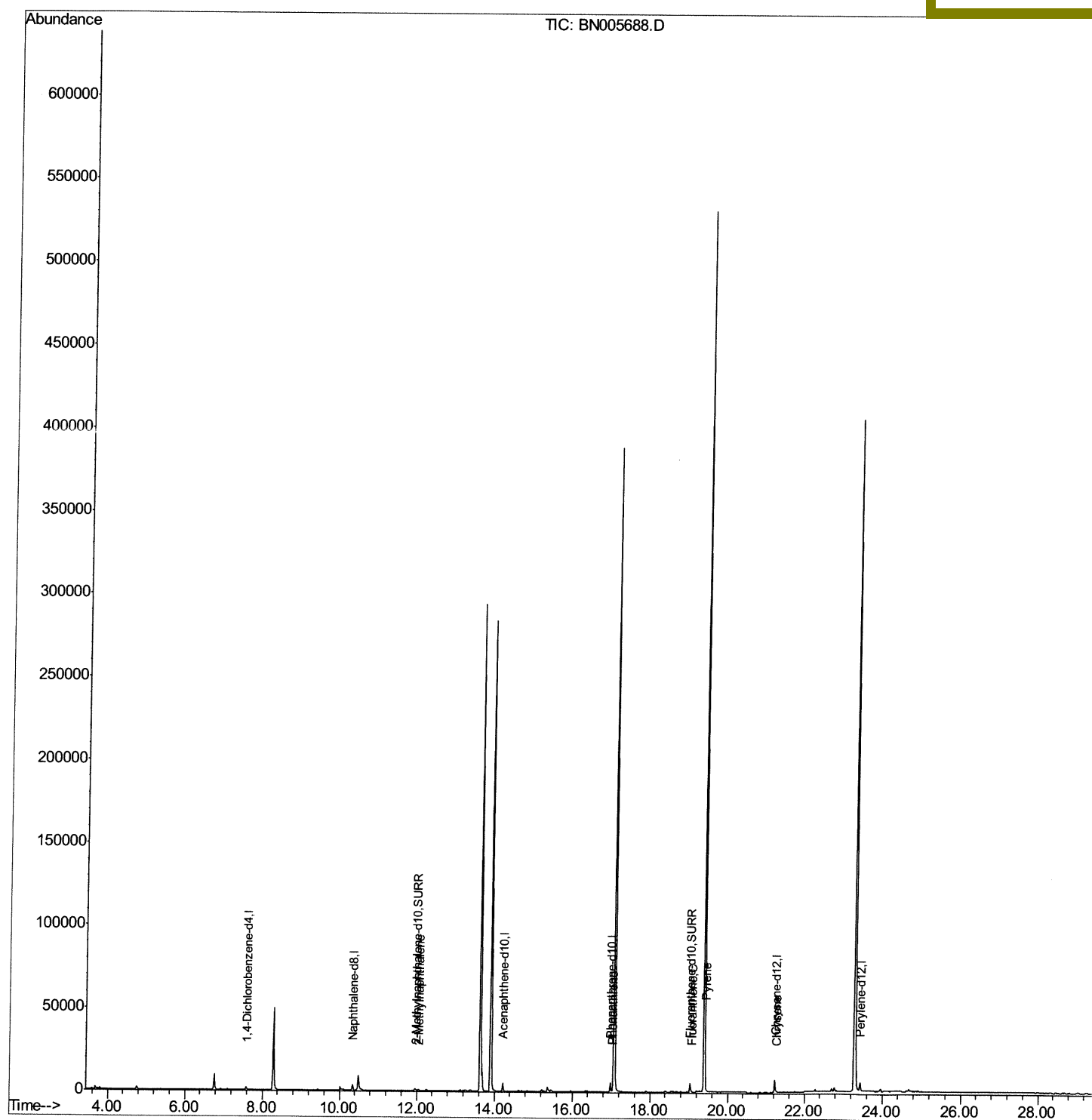
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051319\
Data File : BN005688.D
Acq On : 14 May 2019 13:56
Operator : JU/SJ
Sample : K2692-15
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A5178

Quant Time: May 14 16:41:11 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN050719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 14 07:15:06 2019
Response via : Initial Calibration

Manual Integrations
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Quantitation Report (Qedit)

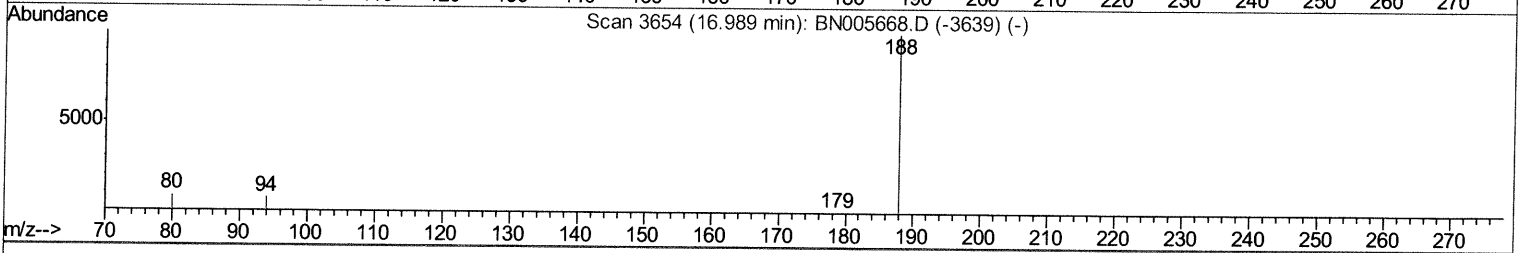
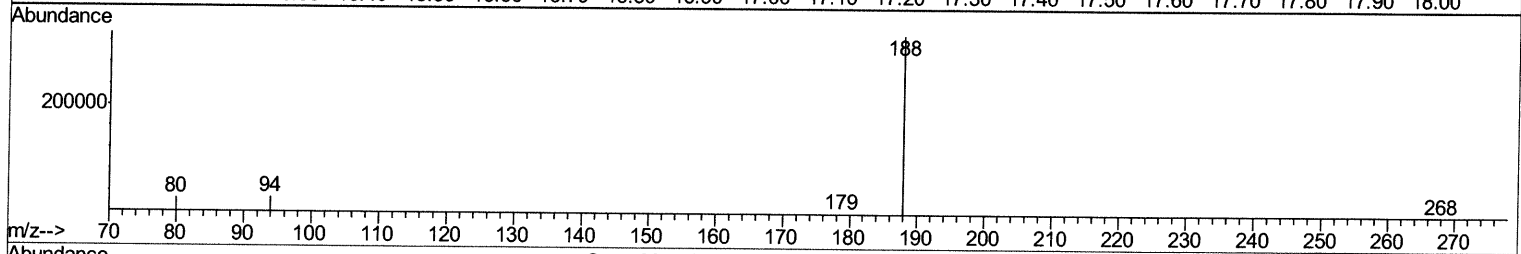
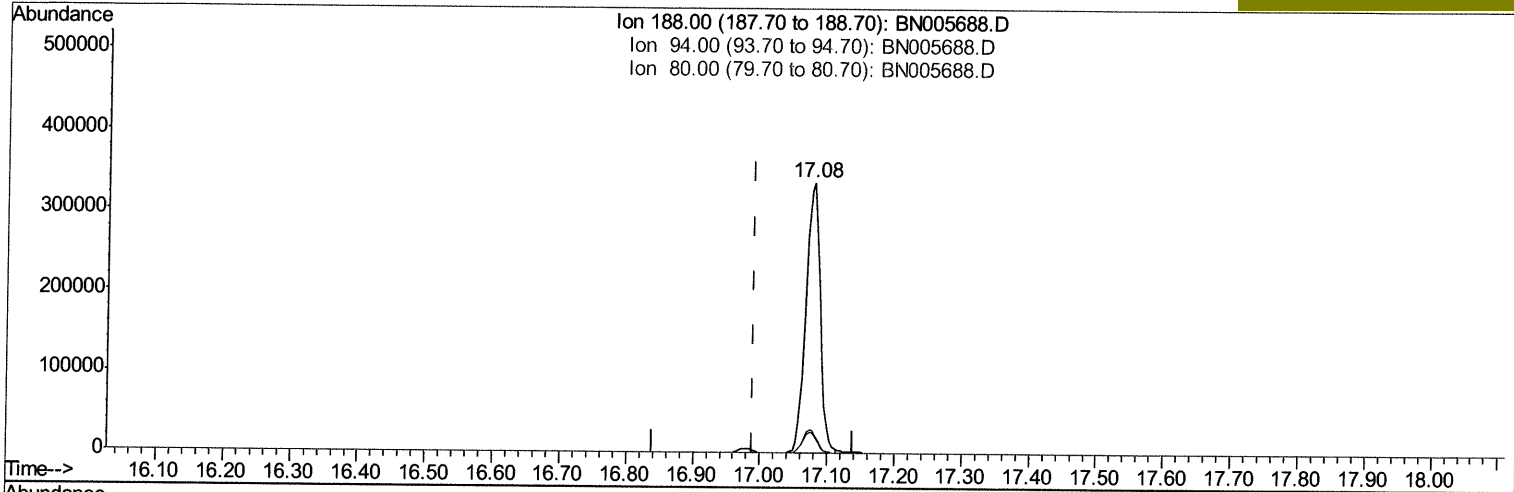
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051319\
 Data File : BN005688.D
 Acq On : 14 May 2019 13:56
 Operator : JU/SJ
 Sample : K2692-15
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A5178

Quant Time: May 14 15:10:43 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN050719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 14 07:15:06 2019
 Response via : Initial Calibration

Manual Integrations
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TIC: BN005688.D

(10) Phenanthrene-d10 (I)

17.078min (+0.089) 0.40ng/ul

response 496288

Ion	Exp%	Act%
188.00	100	100
94.00	9.40	8.22
80.00	9.80	7.51#
0.00	0.00	0.00

Quantitation Report (Qedit)

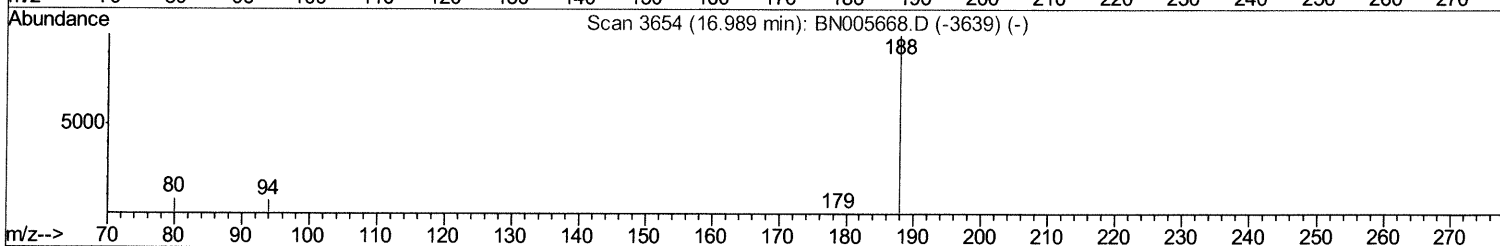
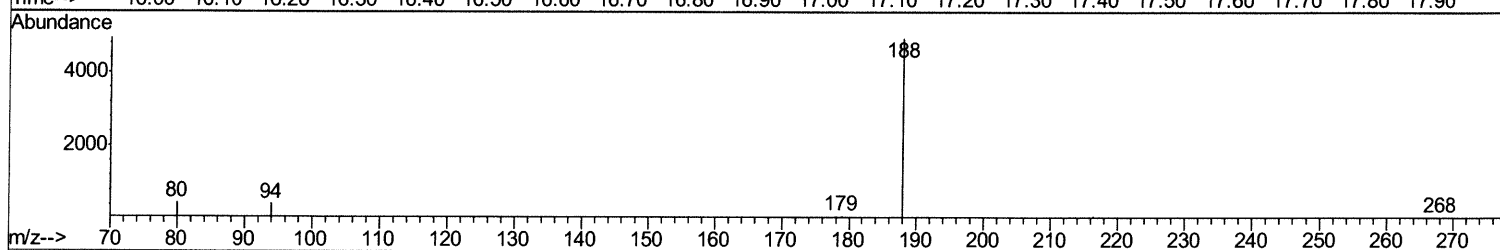
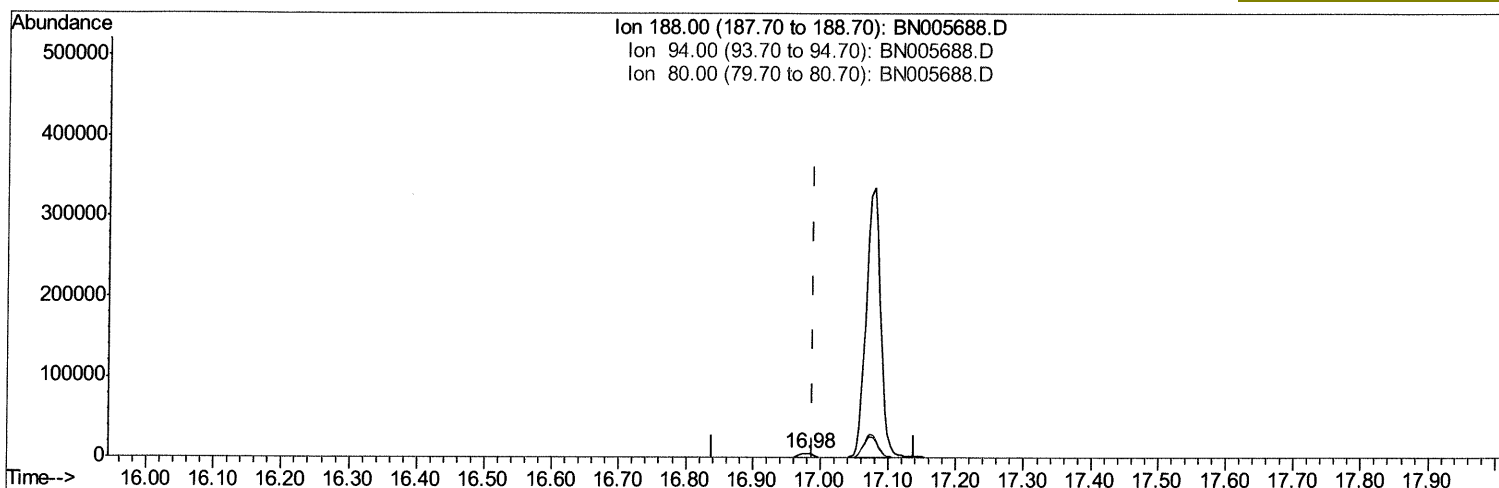
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051319\
 Data File : BN005688.D
 Acq On : 14 May 2019 13:56
 Operator : JU/SJ
 Sample : K2692-15
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A5178

Quant Time: May 14 15:10:43 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN050719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 14 07:15:06 2019
 Response via : Initial Calibration

Manual Integrations
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TIC: BN005688.D

(10) Phenanthrene-d10 (I)

16.981min (-0.008) 0.40ng/ul m *JU 05/24/19*

response 7235

Ion	Exp%	Act%
188.00	100	100
94.00	9.40	8.22
80.00	9.80	8.93
0.00	0.00	0.00

Quantitation Report (Qedit)

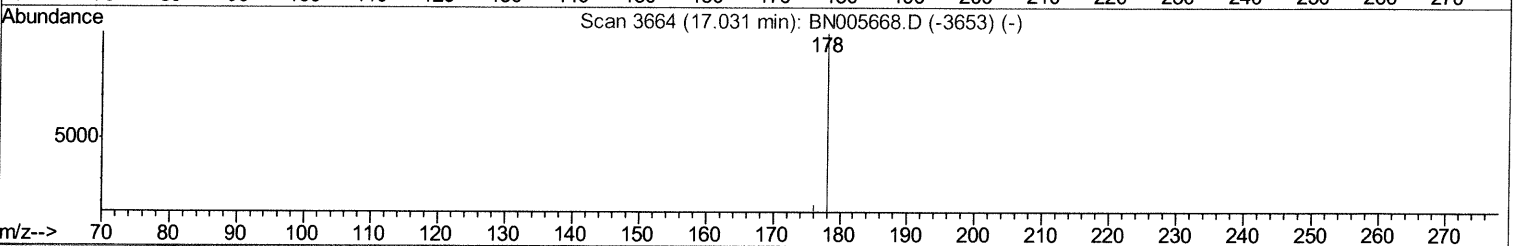
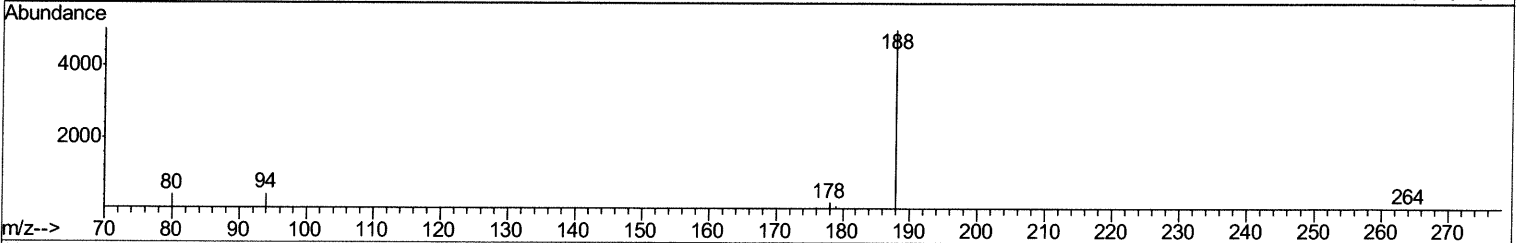
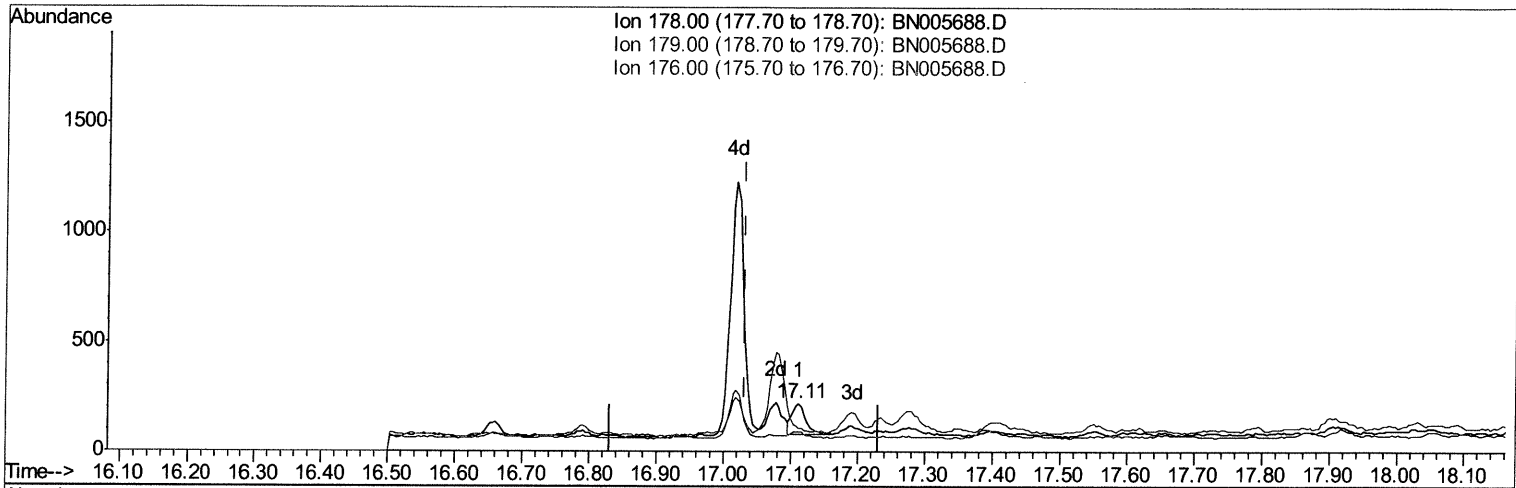
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051319\
 Data File : BN005688.D
 Acq On : 14 May 2019 13:56
 Operator : JU/SJ
 Sample : K2692-15
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A5178

Quant Time: May 14 16:35:46 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN050719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 14 07:15:06 2019
 Response via : Initial Calibration

Manual Integrations
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TIC: BN005688.D

(12) Phenanthrene

17.111min (+0.080) 0.01ng/ul

response 197

Ion	Exp%	Act%
178.00	100	100
179.00	16.00	48.86#
176.00	19.10	40.64#
0.00	0.00	0.00

Quantitation Report (Qedit)

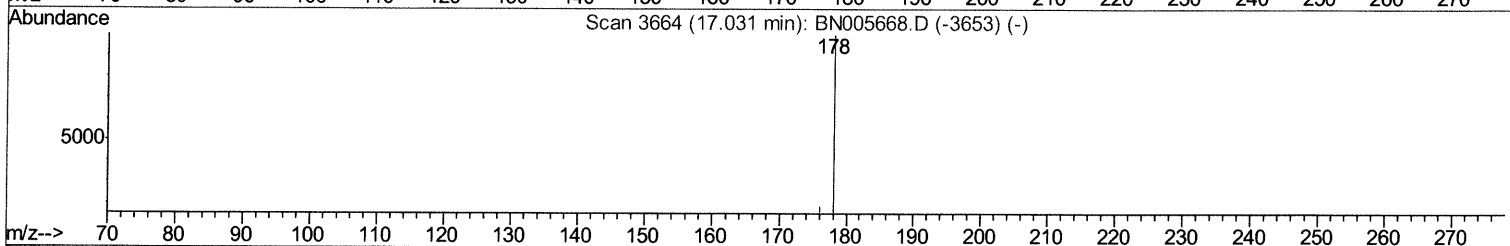
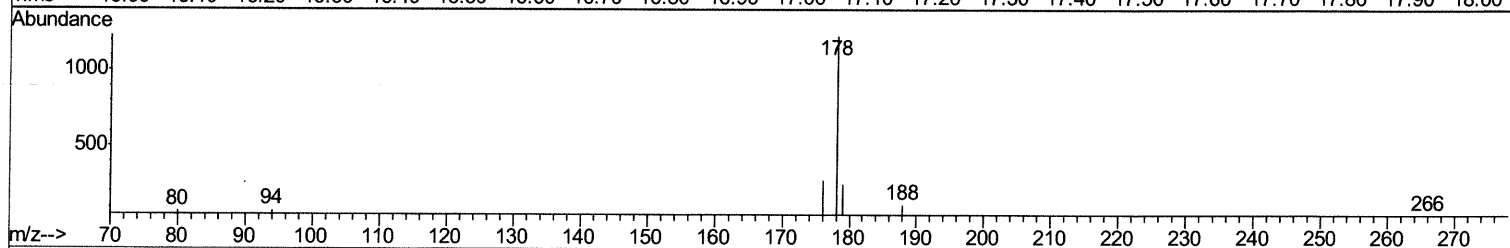
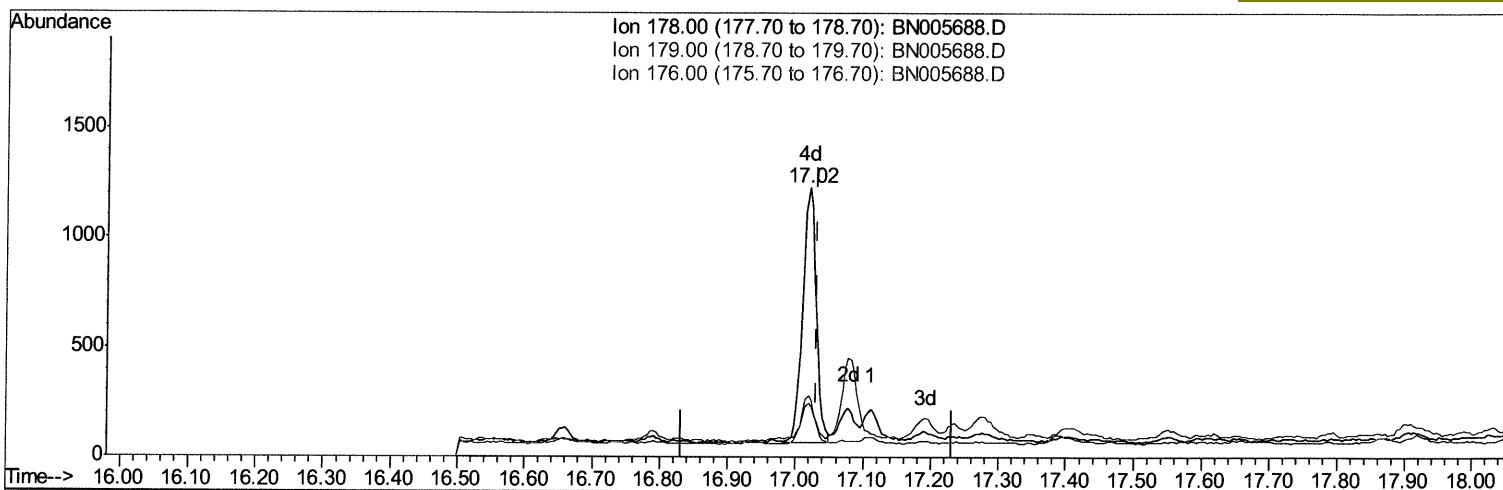
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051319\
 Data File : BN005688.D
 Acq On : 14 May 2019 13:56
 Operator : JU/SJ
 Sample : K2692-15
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A5178

Quant Time: May 14 16:35:46 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN050719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 14 07:15:06 2019
 Response via : Initial Calibration

Manual Integrations
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TIC: BN005688.D

(12) Phenanthrene

17.019min (-0.013) 0.08ng/ul m *JU 05/24/19*

response 1603

Ion	Exp%	Act%
178.00	100	100
179.00	16.00	20.24#
176.00	19.10	22.60
0.00	0.00	0.00

Quantitation Report (Qedit)

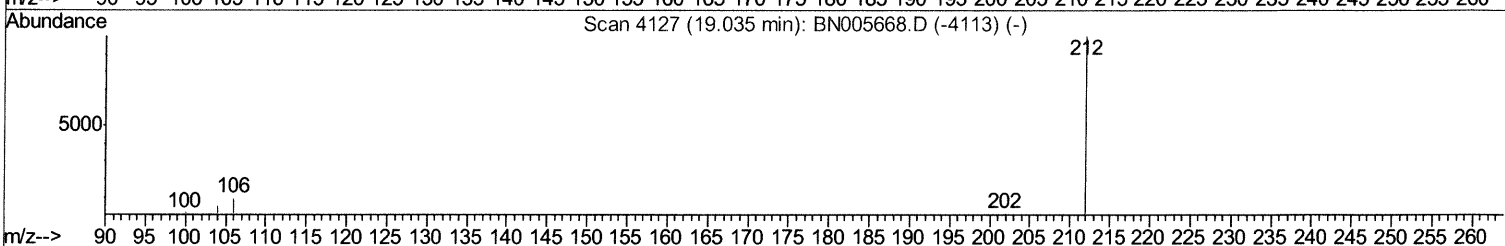
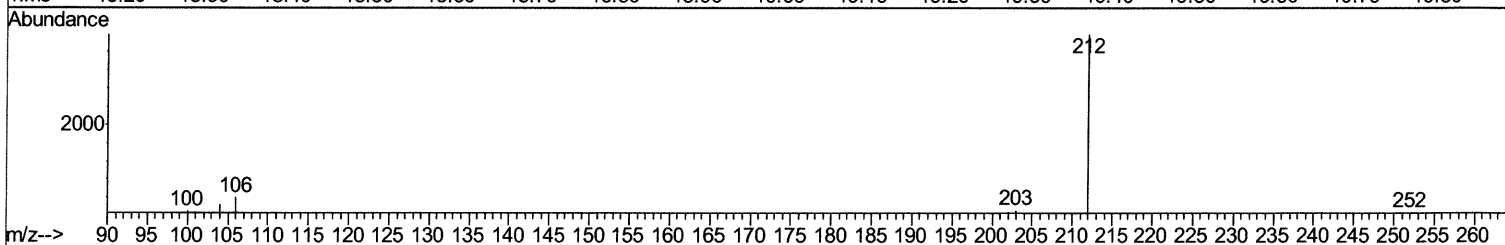
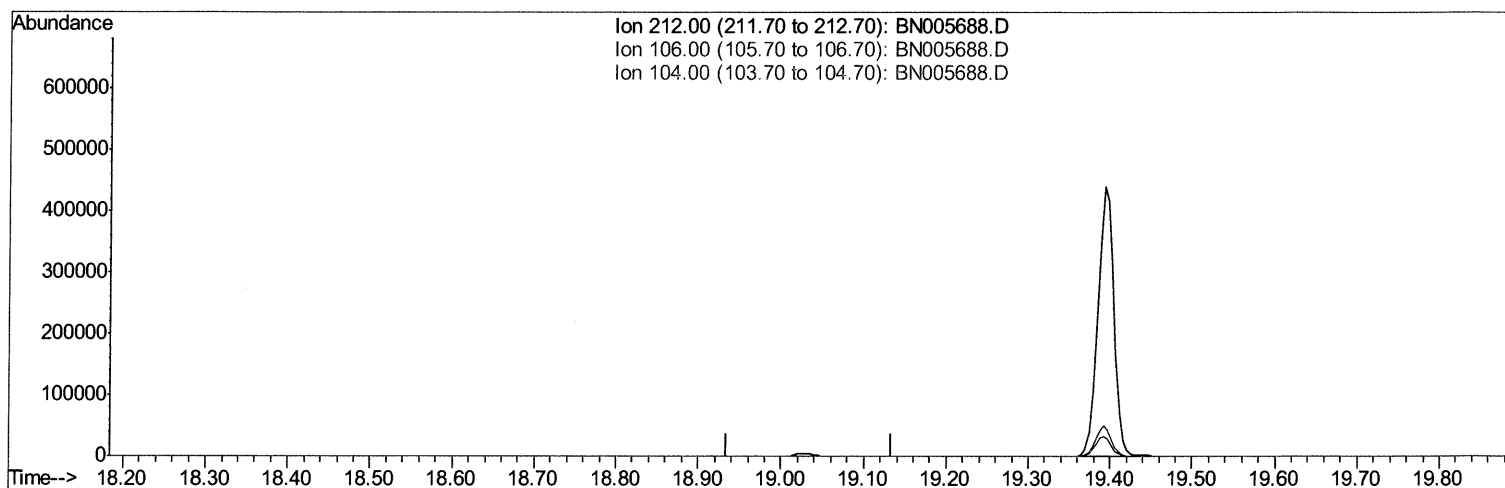
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051319\
 Data File : BN005688.D
 Acq On : 14 May 2019 13:56
 Operator : JU/SJ
 Sample : K2692-15
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A5178

Quant Time: May 14 16:35:46 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN050719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 14 07:15:06 2019
 Response via : Initial Calibration

Manual Integrations
 APPROVED

mohammad
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TIC: BN005688.D

(14) Fluoranthene-d10 (SURR)

19.035min (-19.035) 0.00ng/ul

response 0

Ion	Exp%	Act%
212.00	100	0.00
106.00	10.80	0.00#
104.00	6.20	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

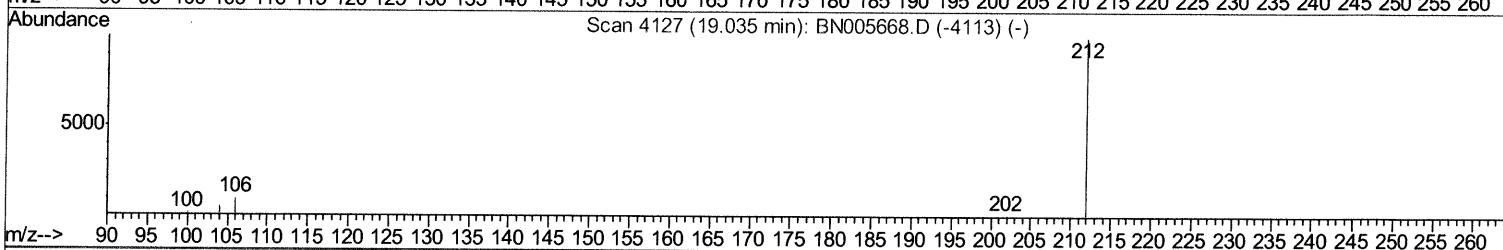
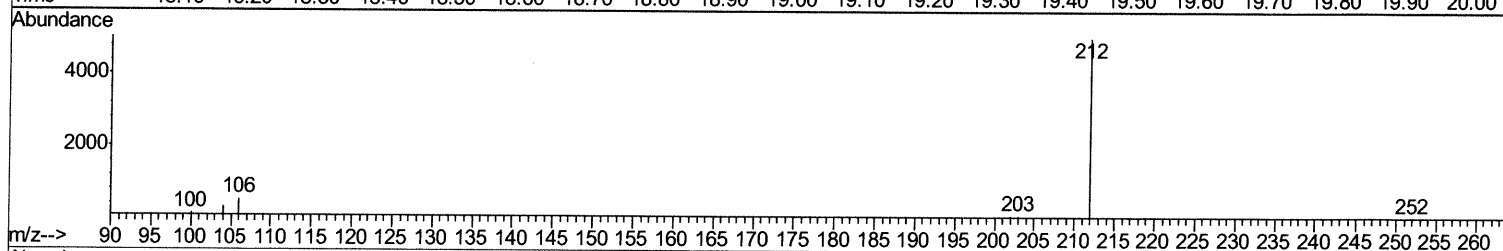
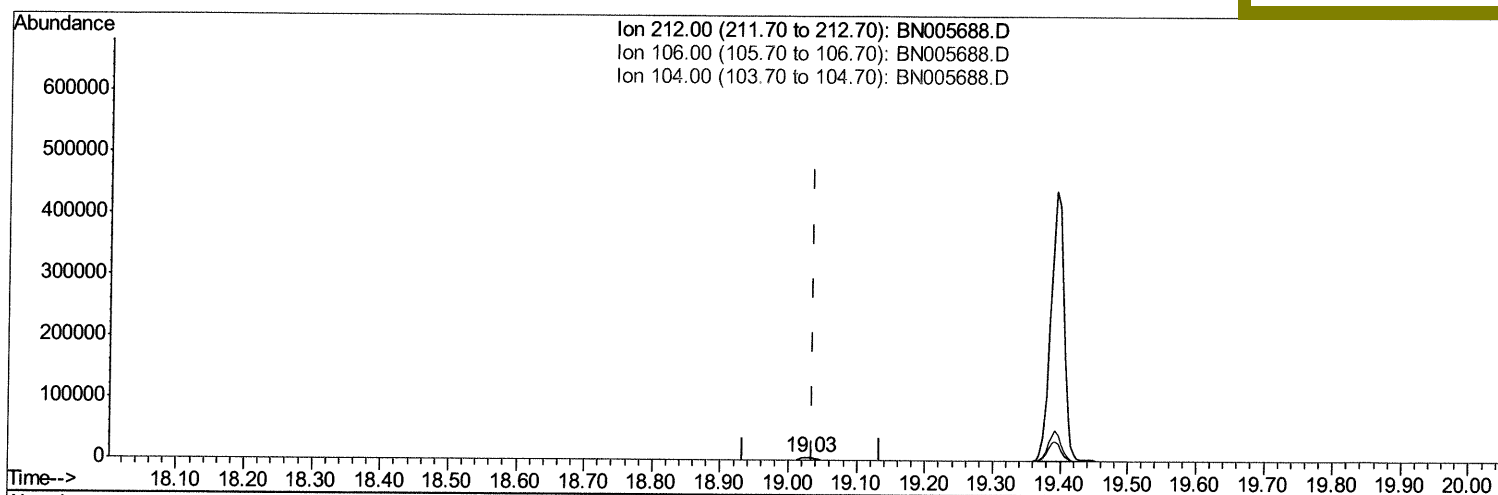
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051319\
Data File : BN005688.D
Acq On : 14 May 2019 13:56
Operator : JU/SJ
Sample : K2692-15
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A5178

Quant Time: May 14 16:35:46 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN050719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 14 07:15:06 2019
Response via : Initial Calibration

Manual Integrations
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TIC: BN005688.D

(14) Fluoranthene-d10 (SURR)

19.030min (-0.005) 0.31ng/ul m *JU*
05/24/19

response 7036

Ion	Exp%	Act%
212.00	100	100
106.00	10.80	0.00#
104.00	6.20	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

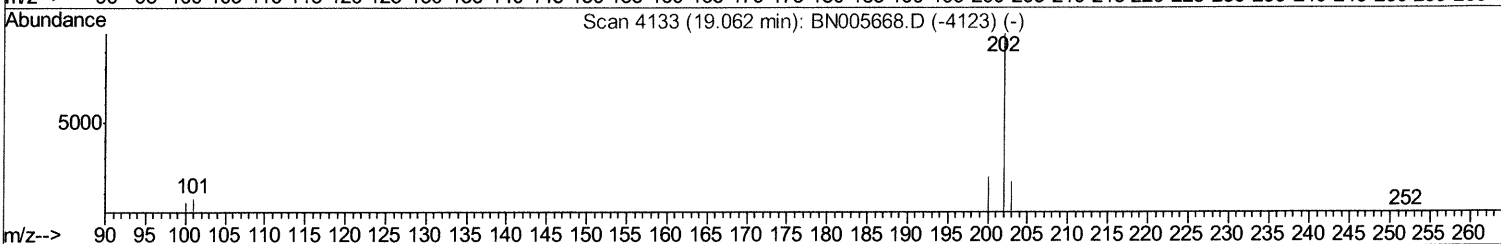
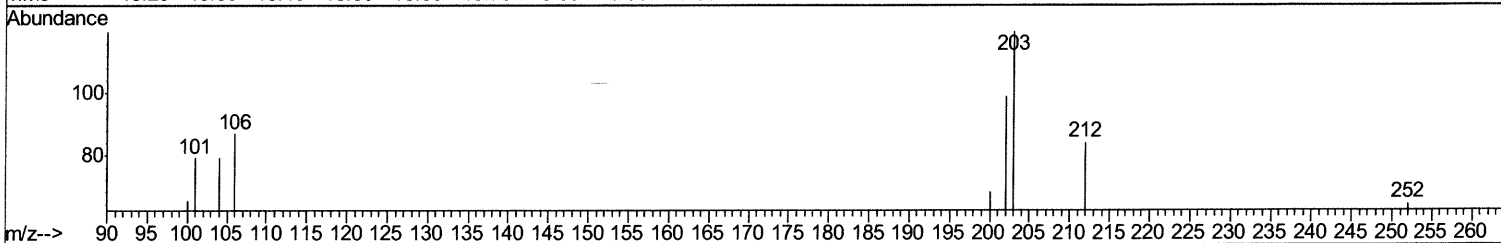
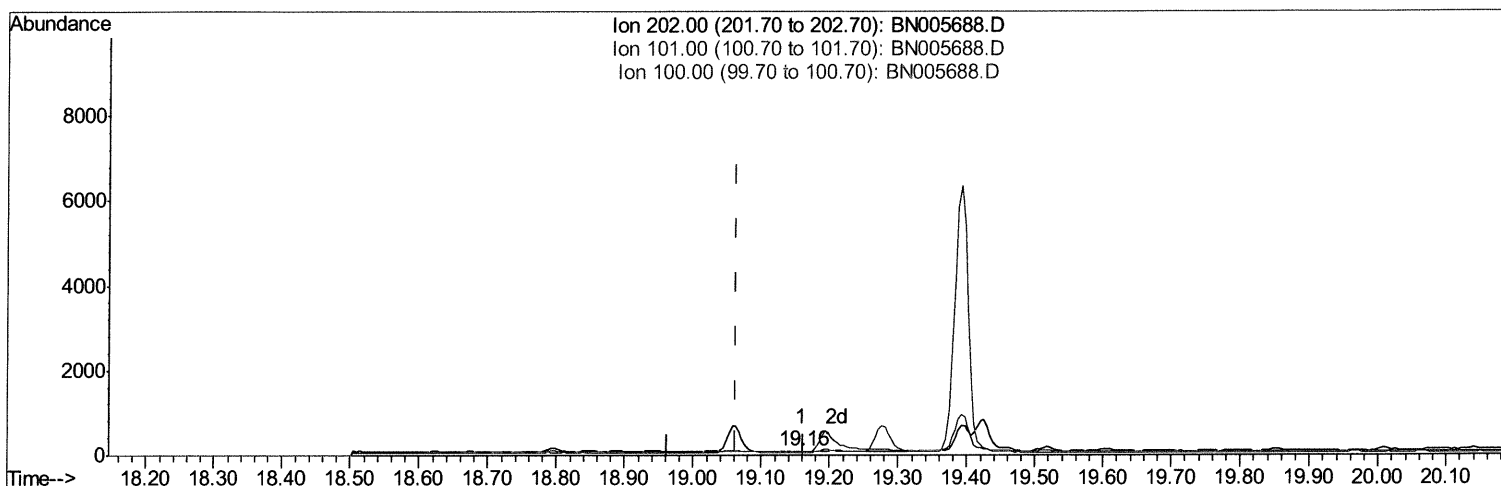
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051319\
 Data File : BN005688.D
 Acq On : 14 May 2019 13:56
 Operator : JU/SJ
 Sample : K2692-15
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A5178

Quant Time: May 14 16:35:46 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN050719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 14 07:15:06 2019
 Response via : Initial Calibration

Manual Integrations
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TIC: BN005688.D

(15) Fluoranthene (C)

19.160min (+0.098) 0.00ng/ul

response 20

Ion	Exp%	Act%
202.00	100	100
101.00	9.40	79.80#
100.00	7.10	65.66#
0.00	0.00	0.00

Quantitation Report (Qedit)

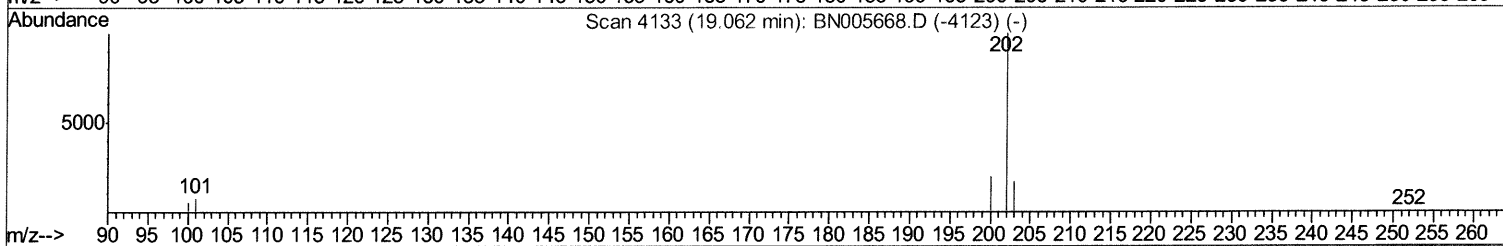
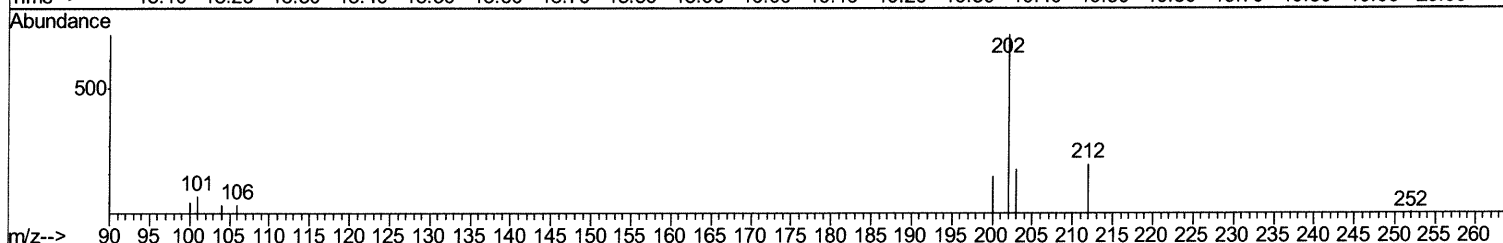
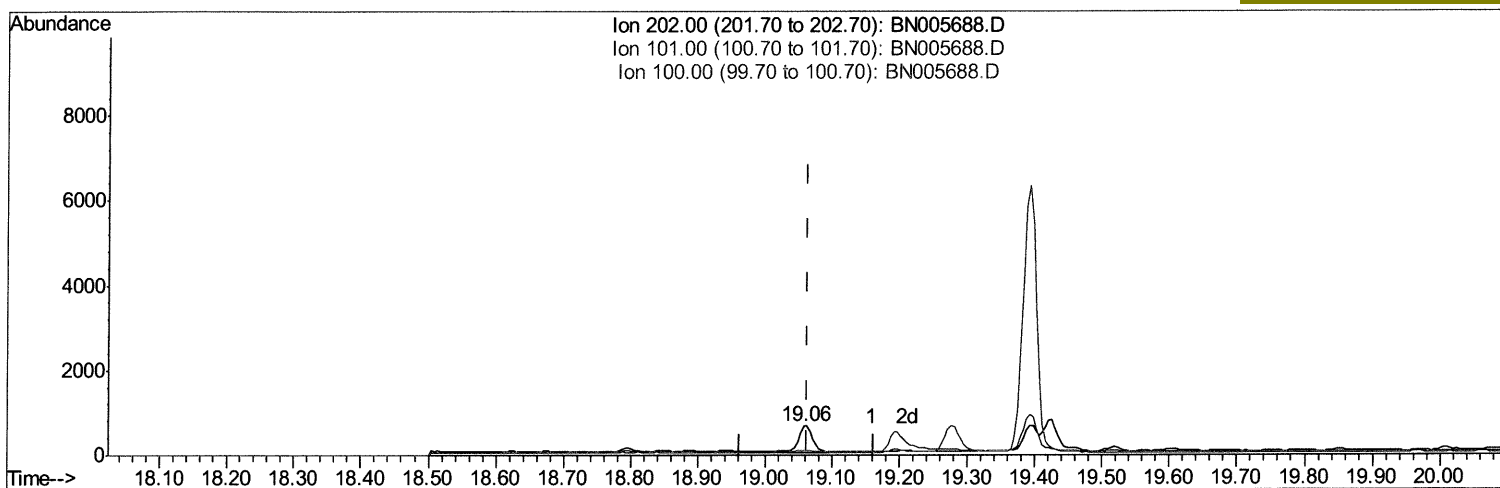
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051319\
Data File : BN005688.D
Acq On : 14 May 2019 13:56
Operator : JU/SJ
Sample : K2692-15
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A5178

Quant Time: May 14 16:35:46 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN050719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 14 07:15:06 2019
Response via : Initial Calibration

Manual Integrations
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TIC: BN005688.D

(15) Fluoranthene (C)

19.058min (-0.005) 0.03ng/ul m

JU
05/24/19

response 917

Ion	Exp%	Act%
202.00	100	100
101.00	9.40	17.49
100.00	7.10	14.60
0.00	0.00	0.00

Quantitation Report (Qedit)

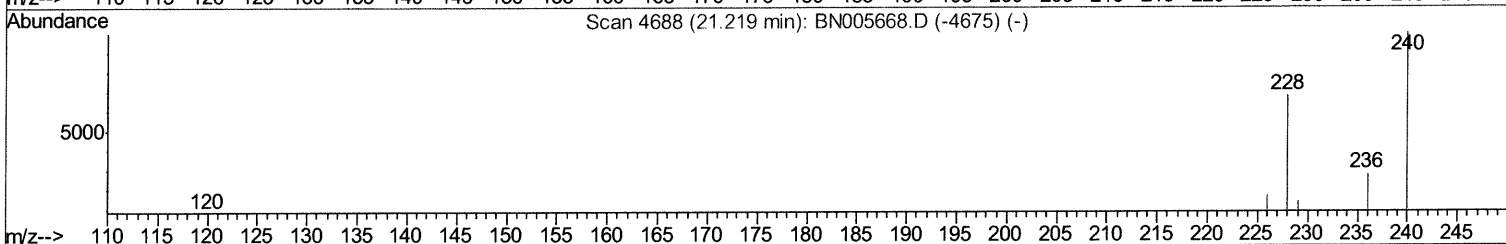
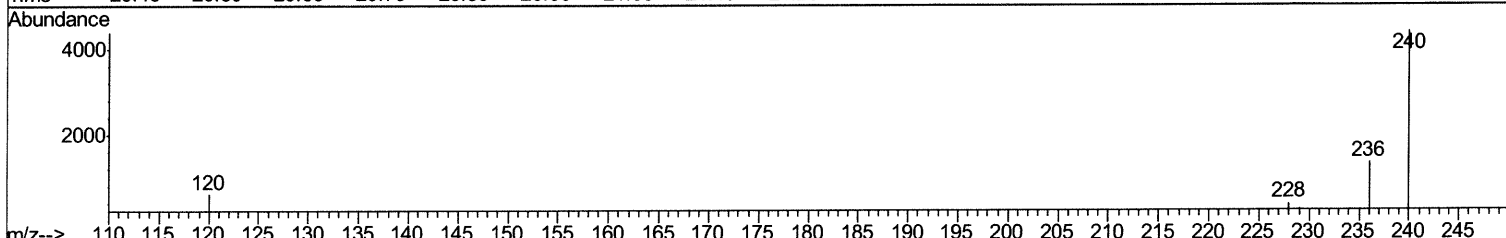
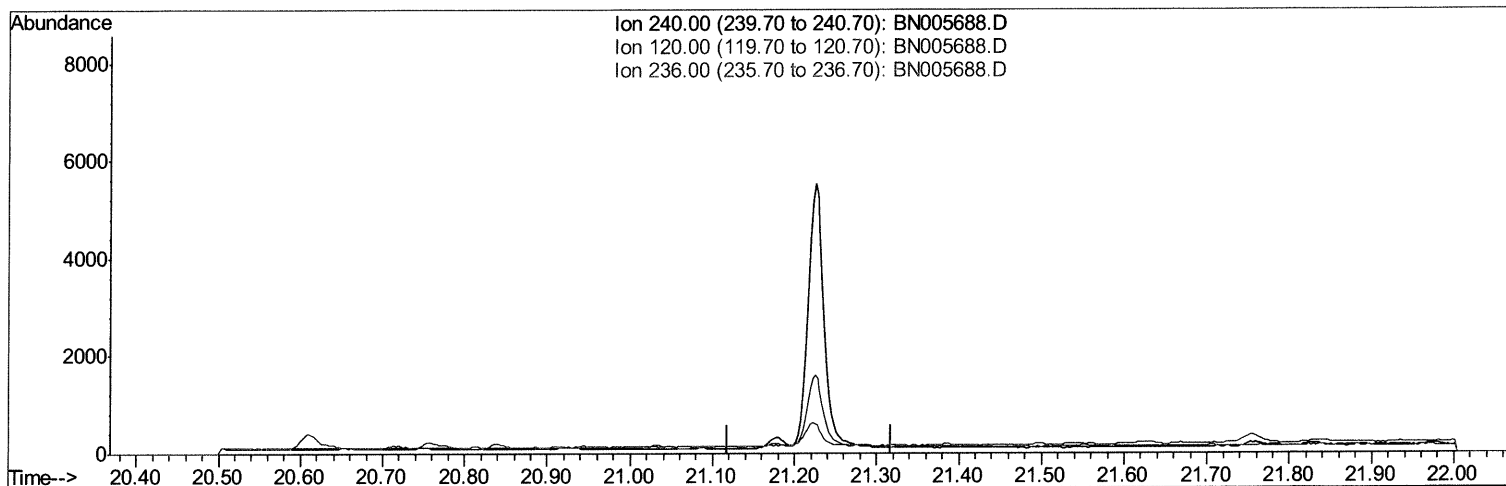
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051319\
 Data File : BN005688.D
 Acq On : 14 May 2019 13:56
 Operator : JU/SJ
 Sample : K2692-15
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A5178

Quant Time: May 14 16:35:46 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN050719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 14 07:15:06 2019
 Response via : Initial Calibration

Manual Integrations
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(16) Chrysene-d12 (I)

21.219min (-21.219) 0.00ng/ul

response 0

Ion	Exp%	Act%
240.00	100	0.00
120.00	11.90	0.00#
236.00	28.00	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

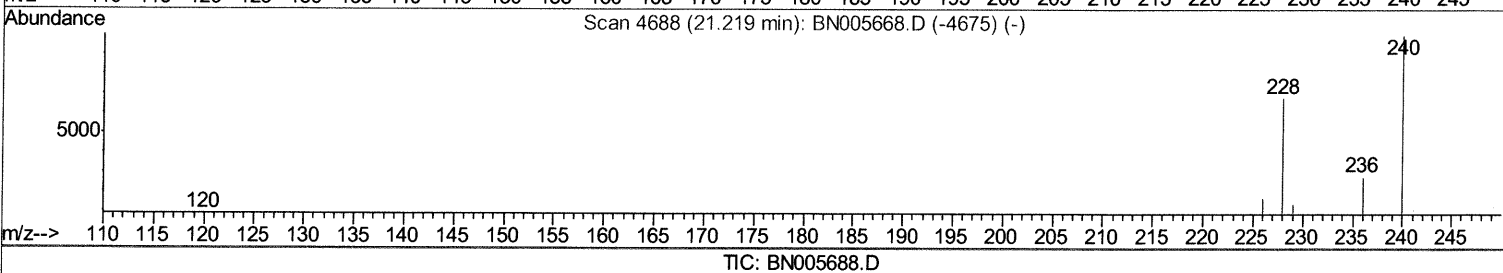
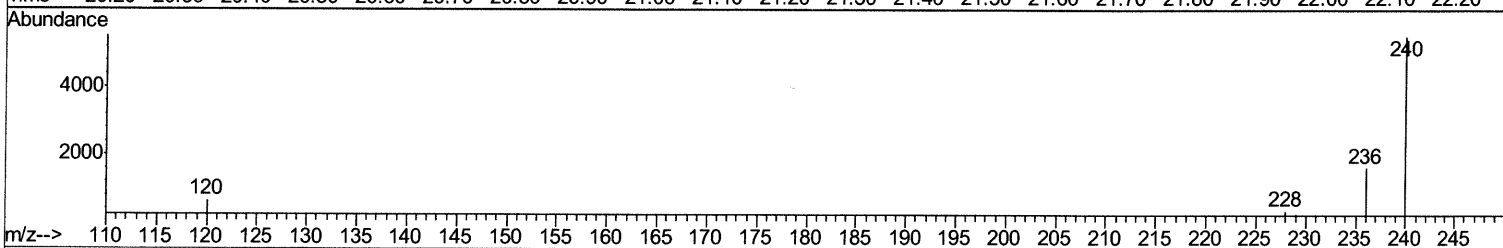
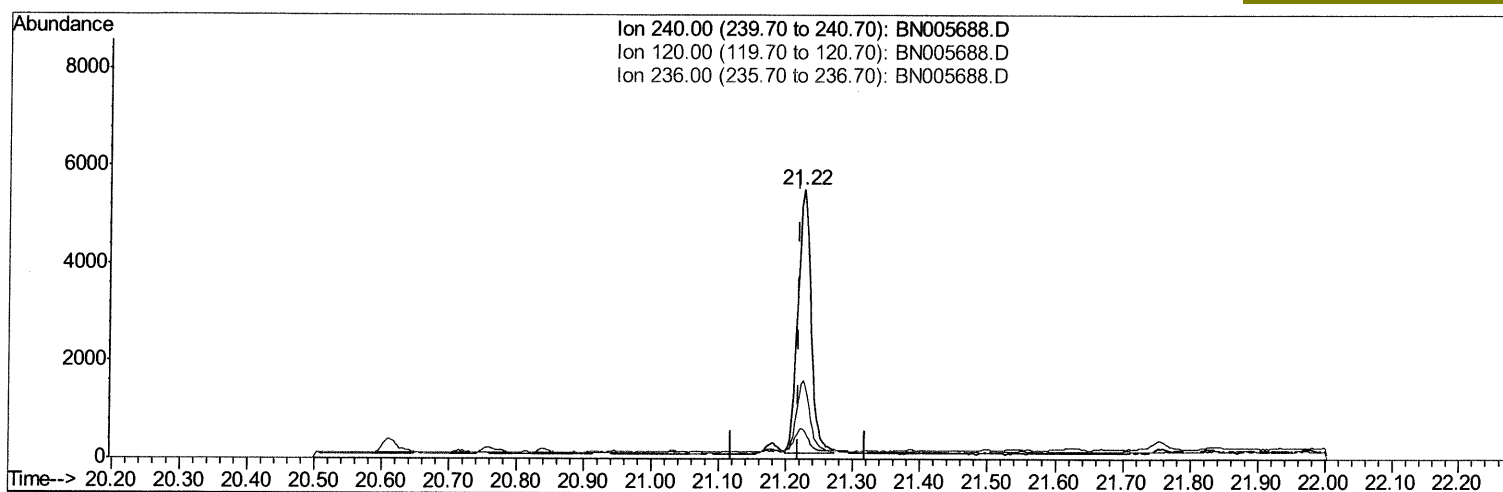
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051319\
Data File : BN005688.D
Acq On : 14 May 2019 13:56
Operator : JU/SJ
Sample : K2692-15
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A5178

Quant Time: May 14 16:35:46 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN050719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 14 07:15:06 2019
Response via : Initial Calibration

Manual Integrations
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(16) Chrysene-d12 (I)

21.224min (+0.006) 0.40ng/ul m *JU 05/24/19*

response 7424

Ion	Exp%	Act%
240.00	100	100
120.00	11.90	11.06
236.00	28.00	29.21
0.00	0.00	0.00

Quantitation Report (Qedit)

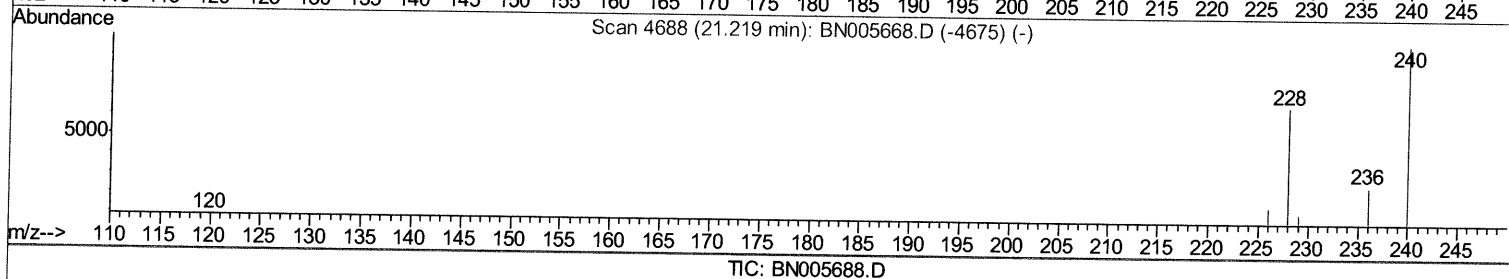
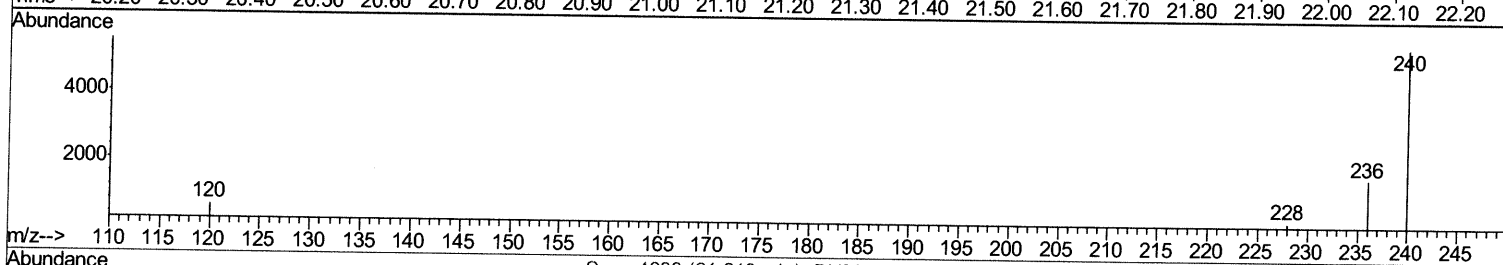
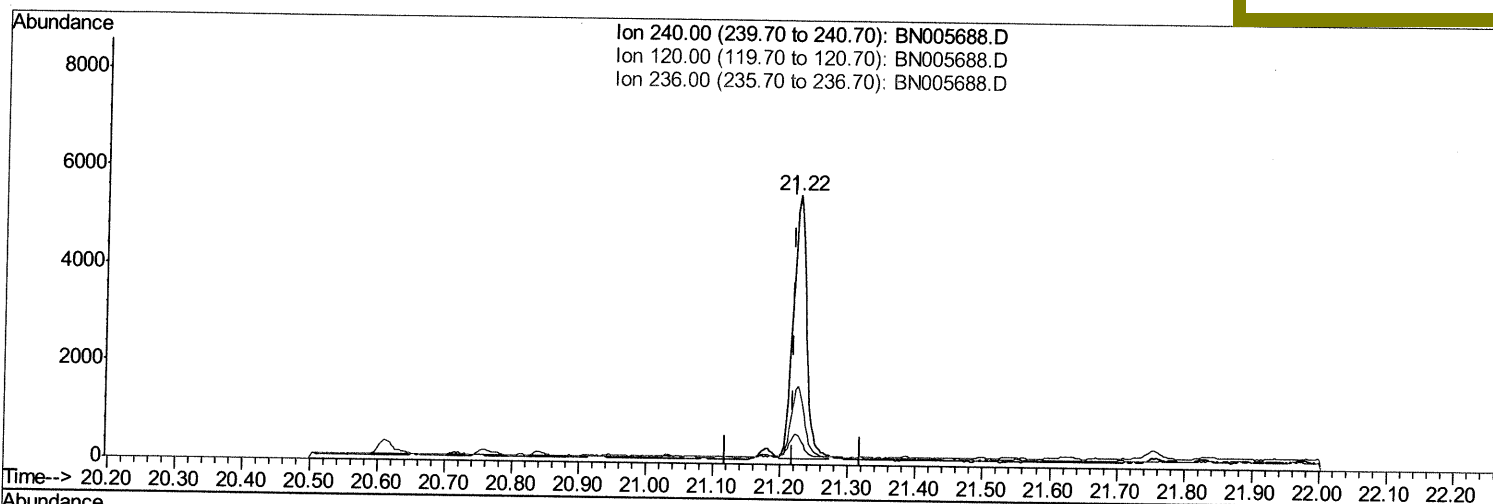
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051319\
 Data File : BN005688.D
 Acq On : 14 May 2019 13:56
 Operator : JU/SJ
 Sample : K2692-15
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A5178

Quant Time: May 14 16:39:06 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN050719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 14 07:15:06 2019
 Response via : Initial Calibration

Manual Integrations
 APPROVED

mohammad
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(16) Chrysene-d12 (I)

21.224min (+0.006) 0.40ng/ul m *JU 05/24/19*

response 7424

Ion	Exp%	Act%
240.00	100	100
120.00	11.90	11.06
236.00	28.00	29.21
0.00	0.00	0.00

Quantitation Report (Qedit)

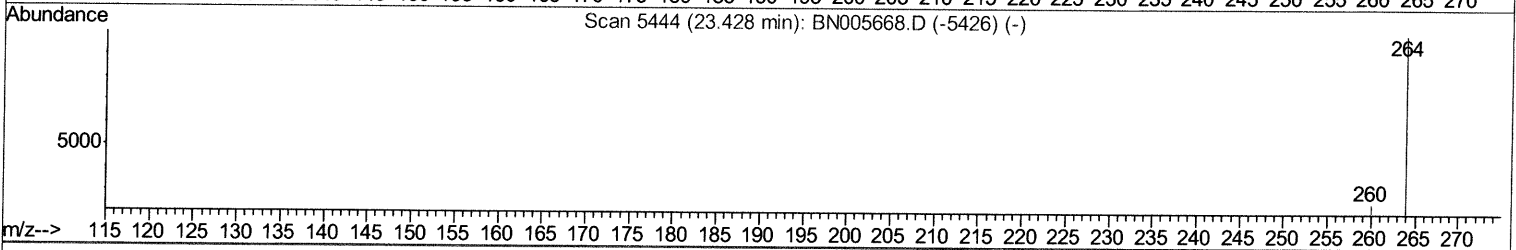
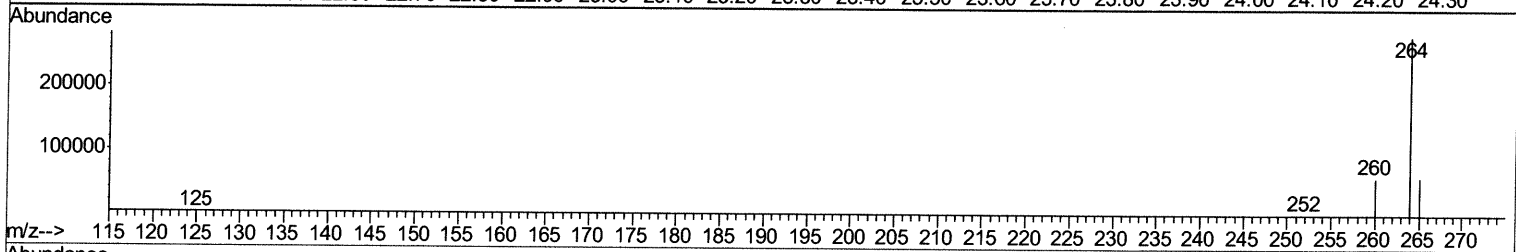
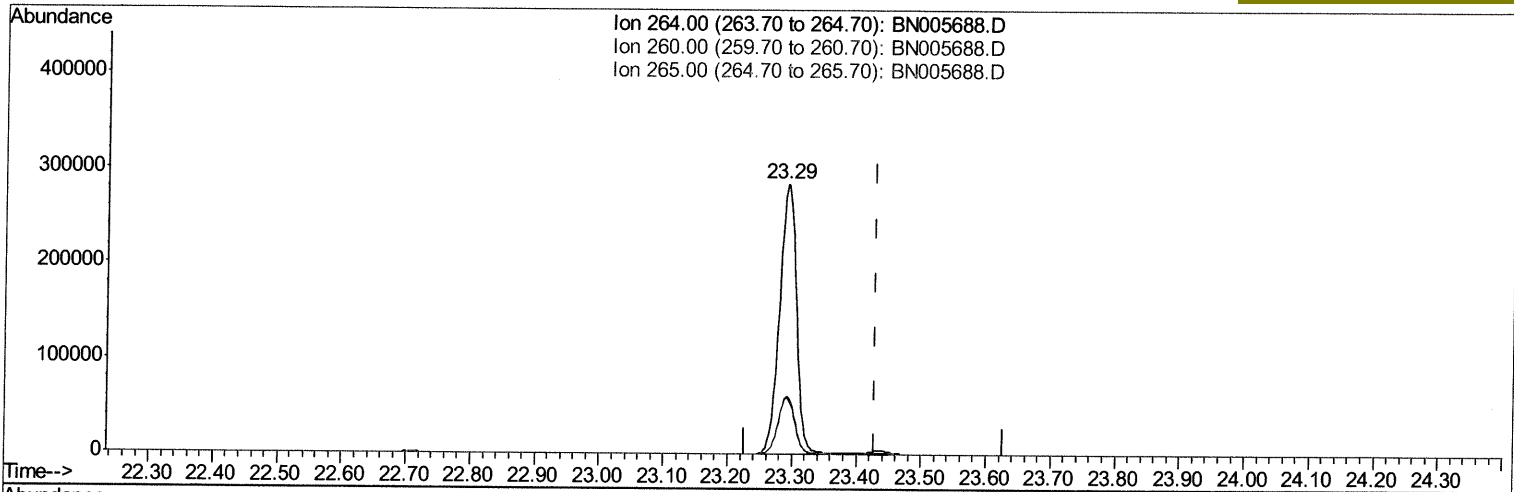
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051319\
 Data File : BN005688.D
 Acq On : 14 May 2019 13:56
 Operator : JU/SJ
 Sample : K2692-15
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A5178

Quant Time: May 14 16:39:06 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN050719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Manual Integrations
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TIC: BN005688.D

(20) Perylene-d12 (I)
 23.291min (-0.137) 0.40ng/ul
 response 520539

Ion	Exp%	Act%
264.00	100	100
260.00	25.30	20.83
265.00	31.70	21.40#
0.00	0.00	0.00

Quantitation Report (Qedit)

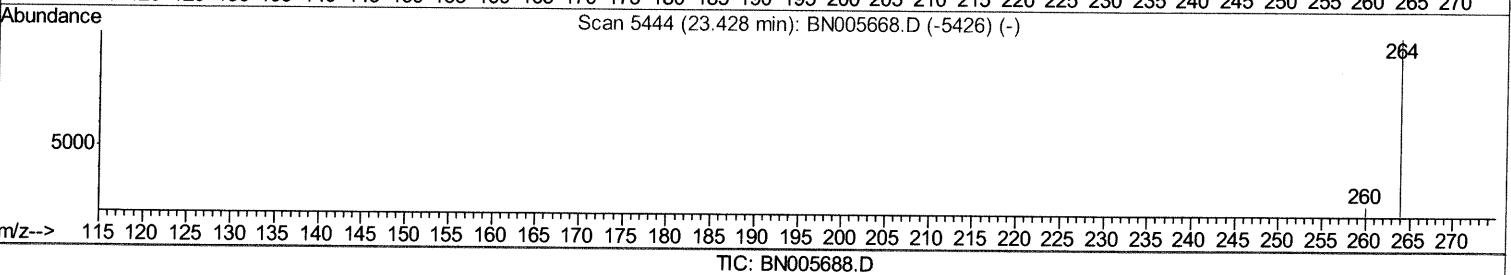
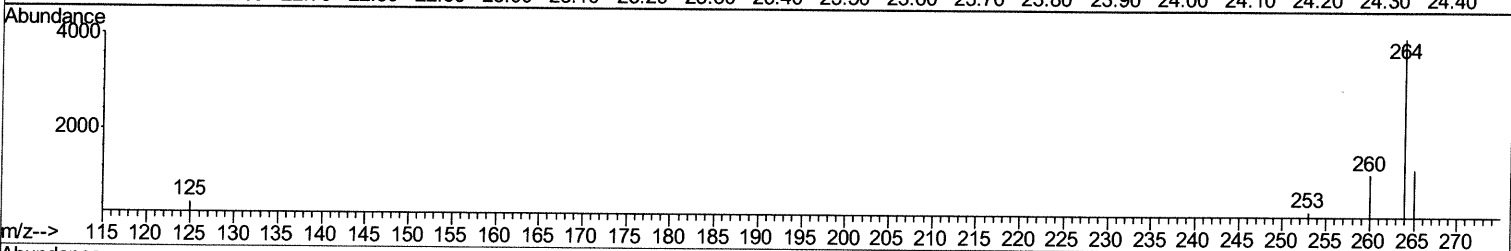
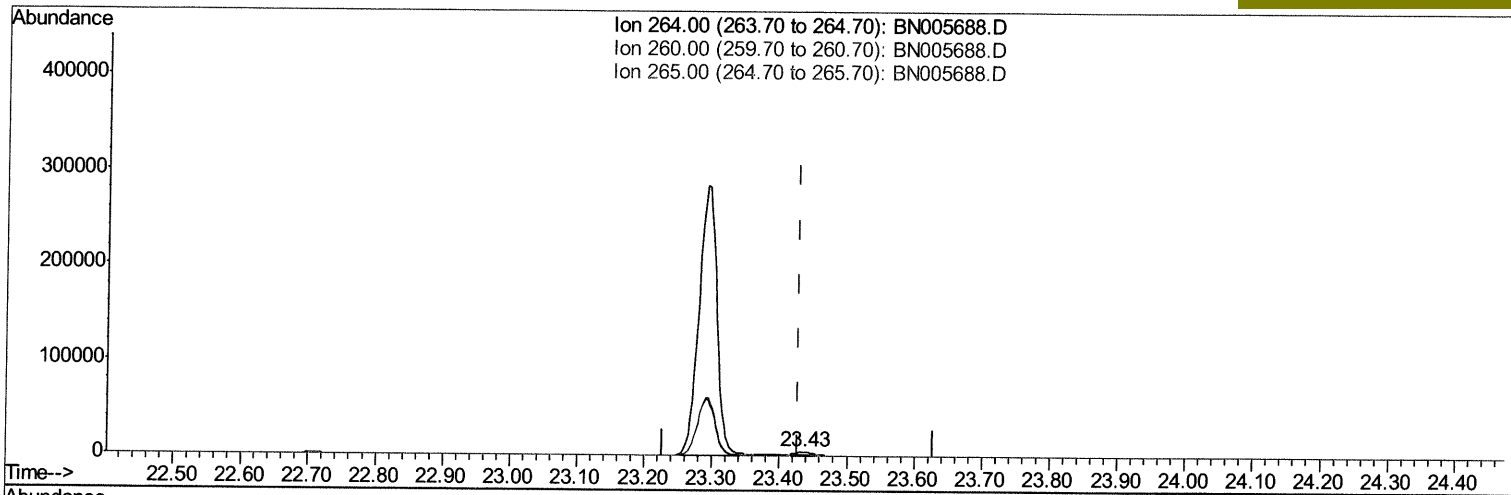
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051319\
 Data File : BN005688.D
 Acq On : 14 May 2019 13:56
 Operator : JU/SJ
 Sample : K2692-15
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A5178

Quant Time: May 14 16:39:06 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN050719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 14 07:15:06 2019
 Response via : Initial Calibration

Manual Integrations
 APPROVED

mohammad
 5/16/2019 11:36:34 AM



(20) Perylene-d12 (I)

23.434min (+0.006) 0.40ng/ul m *JU 05/24/19*

response 6265

Ion	Exp%	Act%
264.00	100	100
260.00	25.30	28.16
265.00	31.70	31.13
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051319\
 Data File : BN005688.D
 Acq On : 14 May 2019 13:56
 Operator : JU/SJ
 Sample : K2692-15
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A5178

Quant Time: May 14 16:41:11 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN050719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 14 07:15:06 2019
 Response via : Initial Calibration

Manual Integrations
 APPROVED

mohammad
 5/16/2019 11:36:34 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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1) 1,4-Dichlorobenzene-d4	7.58	152	1006	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.34	136	4309	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.22	164	2846	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.98	188	7235m	0.40	ng/ul	0.00
16) Chrysene-d12	21.22	240	7424m	0.40	ng/ul	0.00
20) Perylene-d12	23.43	264	6265m	0.40	ng/ul	0.00

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System Monitoring Compounds

4) 2-Methylnaphthalene-d10	11.96	152	2154	0.32	ng/ul	0.00
14) Fluoranthene-d10	19.03	212	7036m	0.31	ng/ul	0.00

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Target Compounds

					Qvalue	
5) 2-Methylnaphthalene	12.03	142	463	0.059	ng/ul	94
12) Phenanthrene	17.02	178	1603m	0.081	ng/ul	74
15) Fluoranthene	19.06	202	917m	0.034	ng/ul	73
17) Pyrene	19.42	202	1168	0.043	ng/ul#	67
19) Chrysene	21.26	228	847	0.027	ng/ul#	67

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