

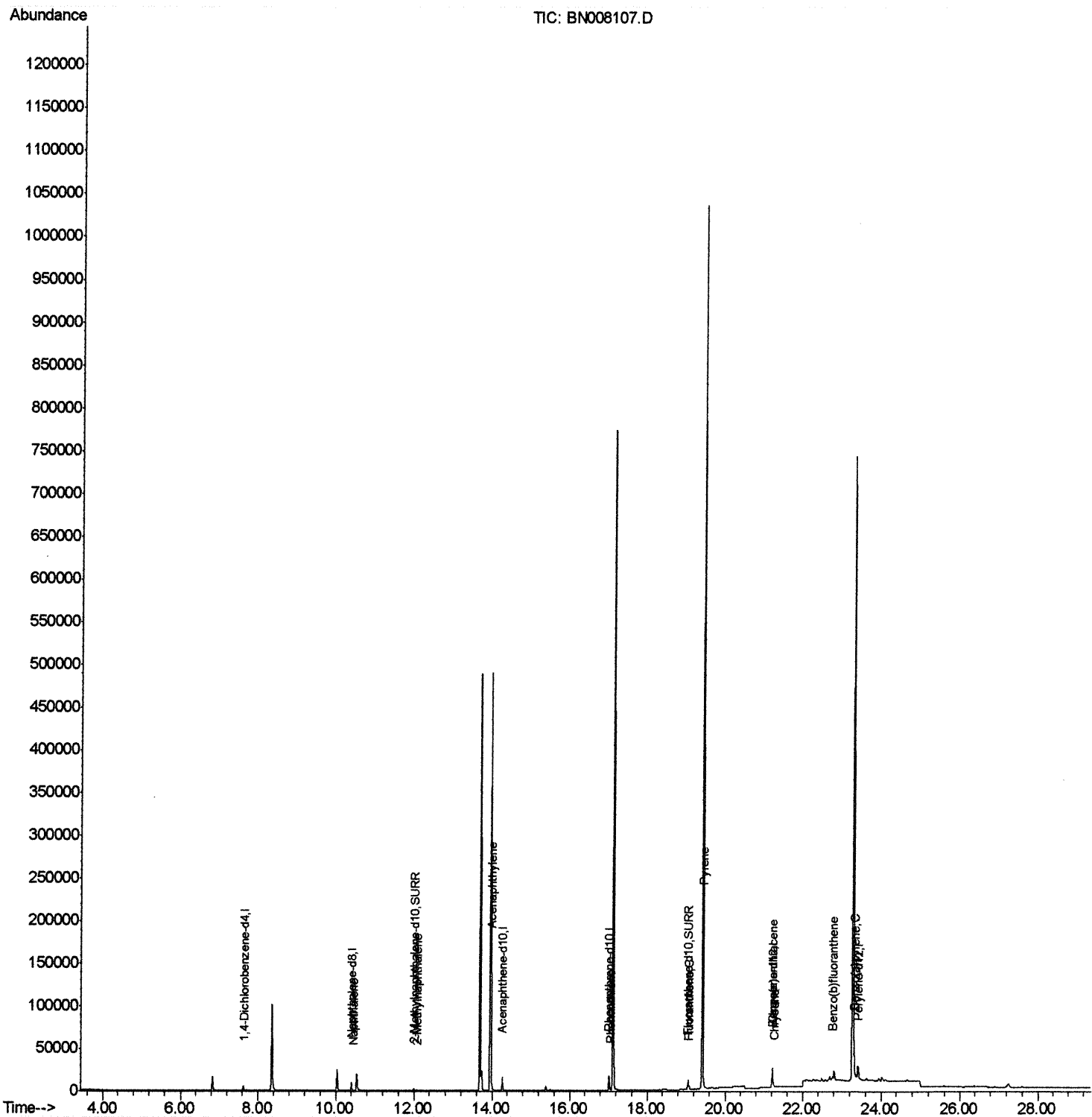
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101119\
Data File : BN008107.D
Acq On : 12 Oct 2019 11:10
Operator : JU
Sample : K5124-18
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
JLMA7

Manual Integrations
APPROVED

mohammad
10/15/2019 7:58:28 AM

Quant Time: Oct 13 02:48:14 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 11 19:05:54 2019
Response via : Initial Calibration



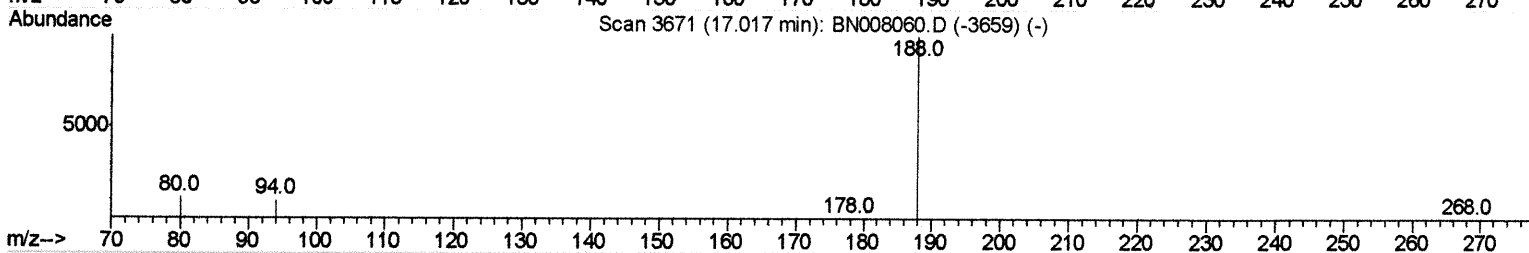
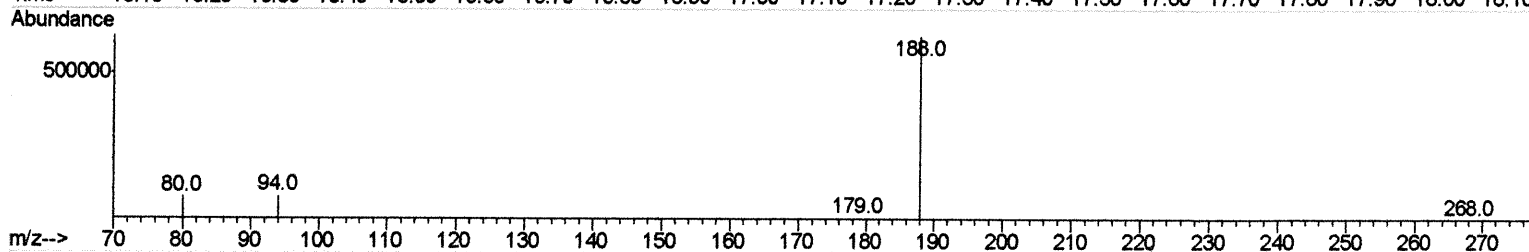
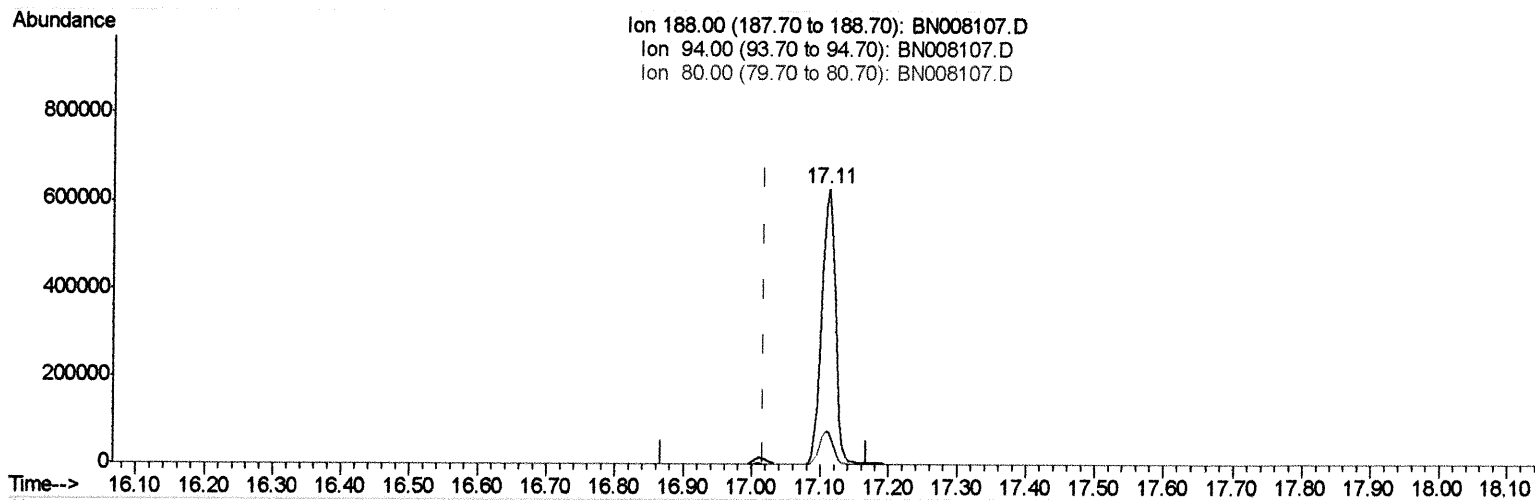
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101119\
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Instrument :
BNA_N
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JLMA7

Manual Integrations
APPROVED

mohammad
10/15/2019 7:58:28 AM

Quant Time: Oct 12 21:40:22 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 11 19:05:54 2019
Response via : Initial Calibration



(10) Phenanthrene-d10 (I)

17.110min (+0.093) 0.40ng/ul

response 870120

Ion	Exp%	Act%
188.00	100	100
94.00	10.90	11.84
80.00	12.60	11.44
0.00	0.00	0.00

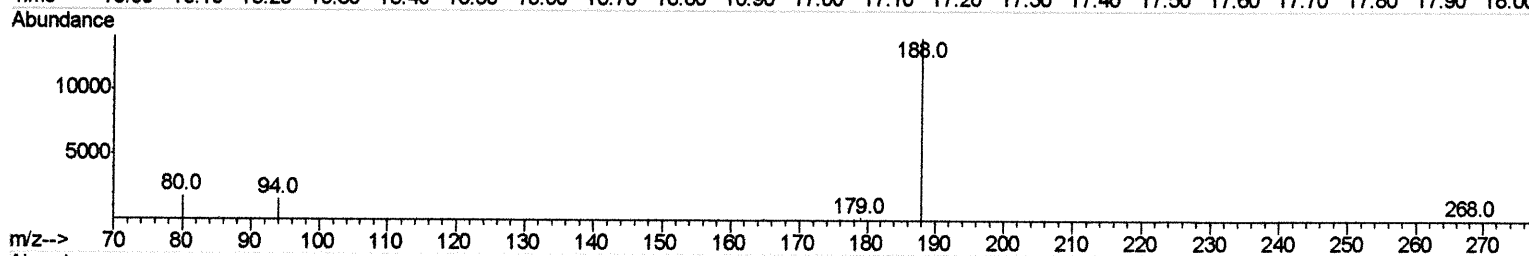
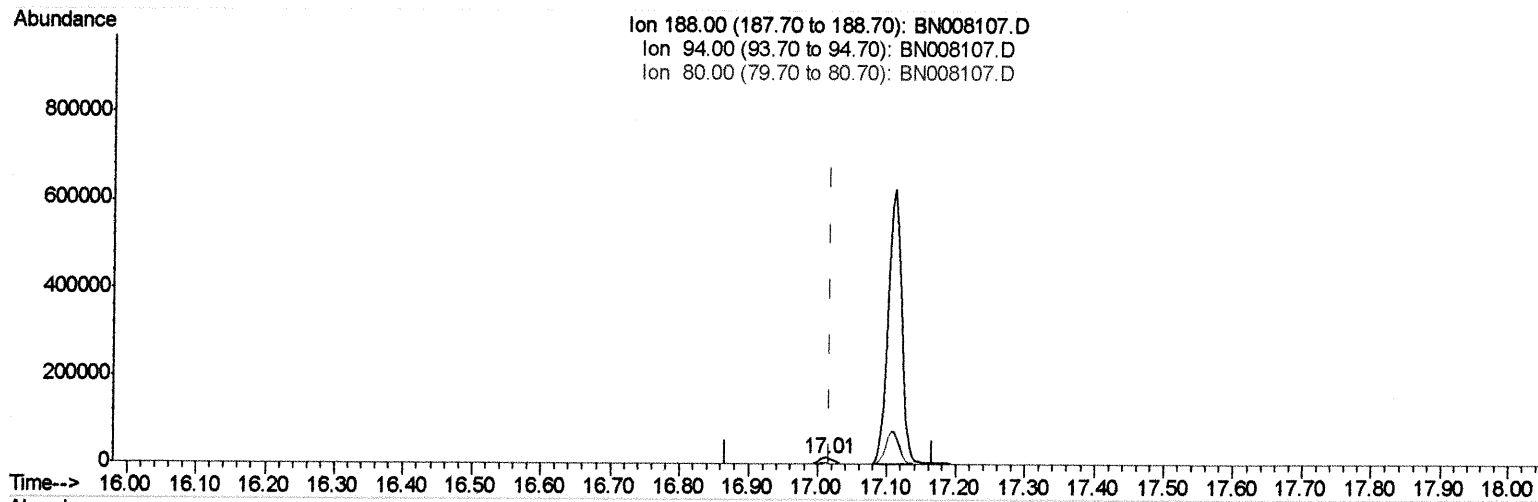
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101119\
Data File : BN008107.D
Acq On : 12 Oct 2019 11:10
Operator : JU
Sample : K5124-18
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampled :
JLMA7

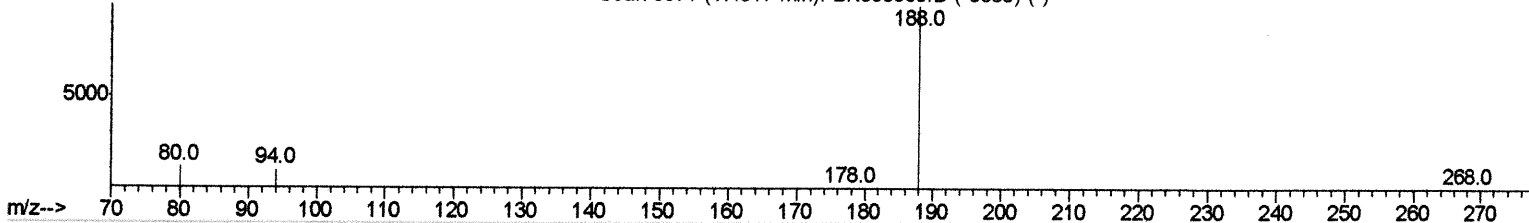
Manual Integrations
APPROVED

mohammad
10/15/2019 7:58:28 AM

Quant Time: Oct 12 21:40:22 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Scan 3671 (17.017 min): BN008060.D (-3659) (-)



TIC: BN008107.D

(10) Phenanthrene-d10 (I)

17.013min (-0.004) 0.40ng/ul m *JU 10/16/19*

response 19952

Ion	Exp%	Act%
188.00	100	100
94.00	10.90	11.32
80.00	12.60	13.09
0.00	0.00	0.00

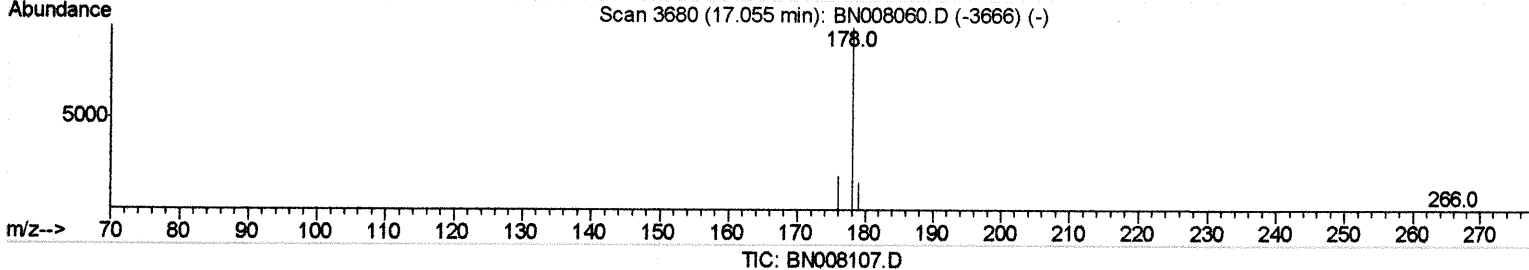
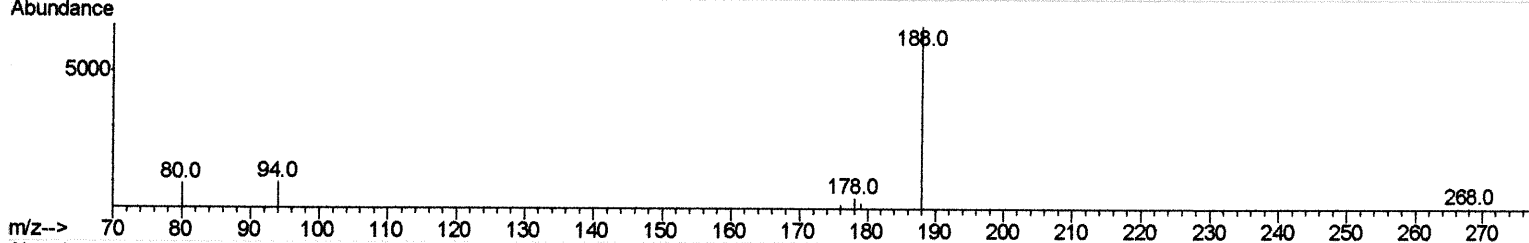
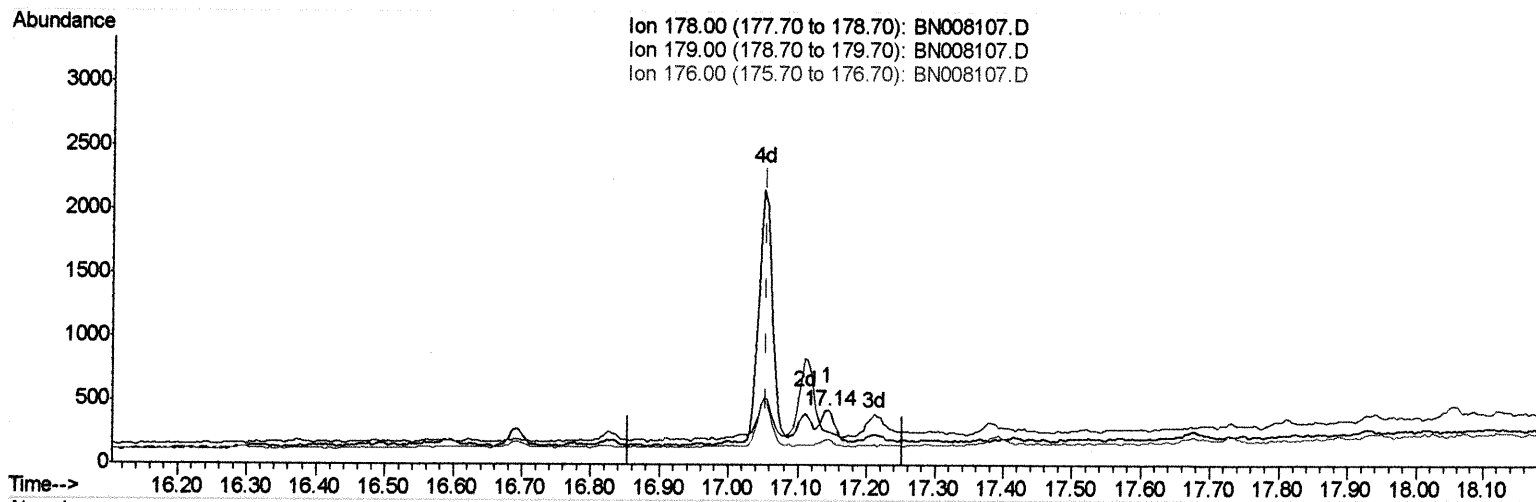
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101119\
 Data File : BN008107.D
 Acq On : 12 Oct 2019 11:10
 Operator : JU
 Sample : K5124-18
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 JLMA7

Manual Integrations
 APPROVED

mohammad
 10/15/2019 7:58:28 AM

Quant Time: Oct 13 02:45:46 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 11 19:05:54 2019
 Response via : Initial Calibration



(12) Phenanthrene

17.144min (+0.089) 0.01ng/ul

response 377

Ion	Exp%	Act%
178.00	100	100
179.00	16.00	62.00#
176.00	19.30	47.32#
0.00	0.00	0.00

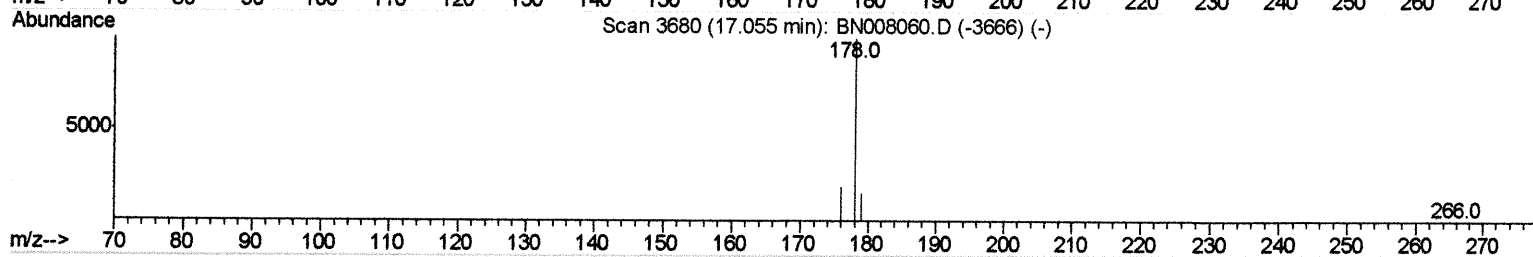
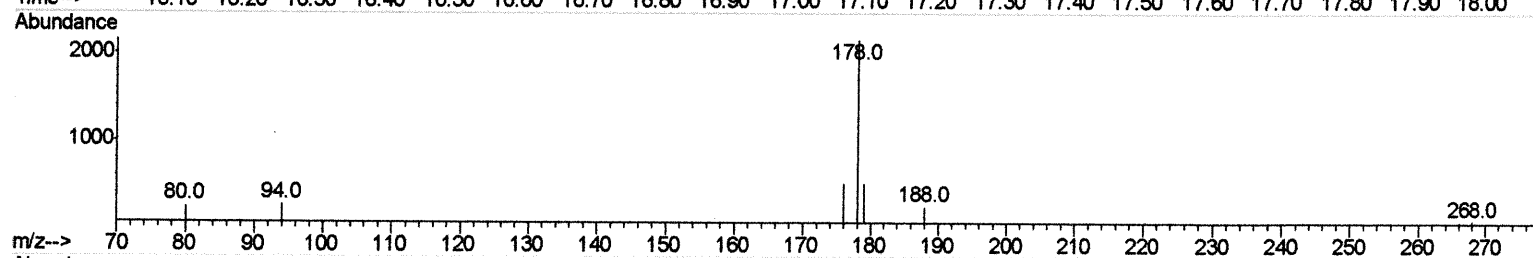
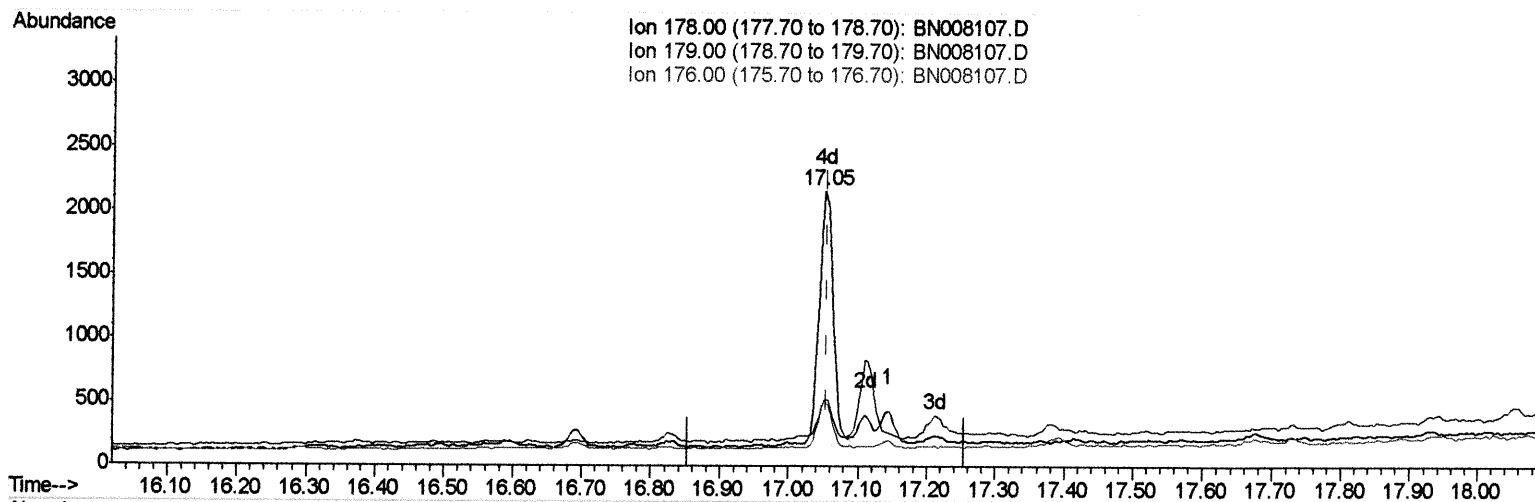
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101119\
Data File : BN008107.D
Acq On : 12 Oct 2019 11:10
Operator : JU
Sample : K5124-18
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
JLMA7

Manual Integrations
APPROVED

mohammad
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Quant Time: Oct 13 02:45:46 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 11 19:05:54 2019
Response via : Initial Calibration



TIC: BN008107.D

(12) Phenanthrene

17.051min (-0.004) 0.05ng/ul m JU 10/16/19

response 2817

Ion	Exp%	Act%
178.00	100	100
179.00	16.00	23.94#
176.00	19.30	24.04#
0.00	0.00	0.00

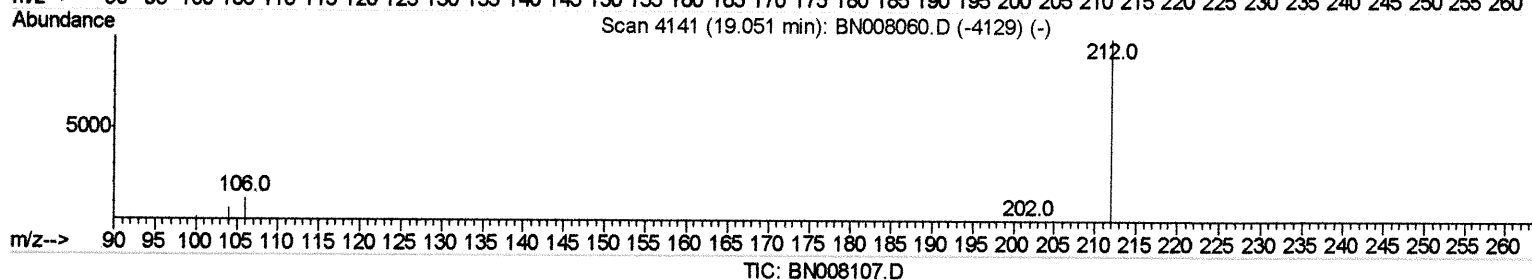
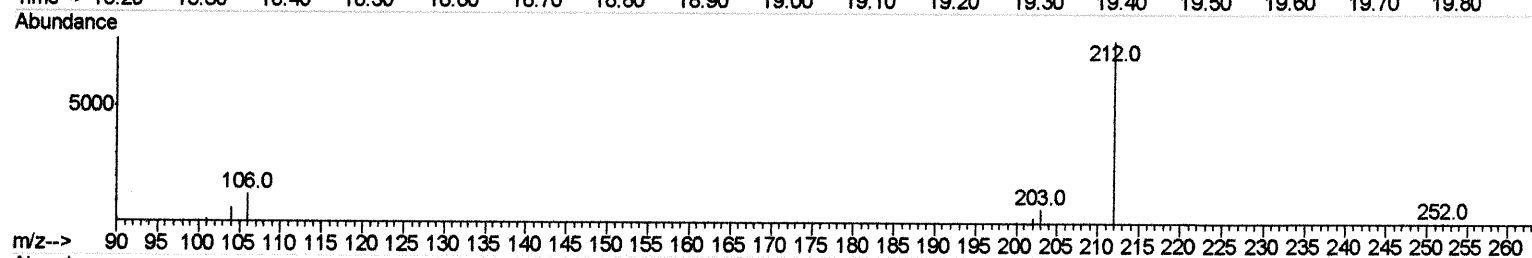
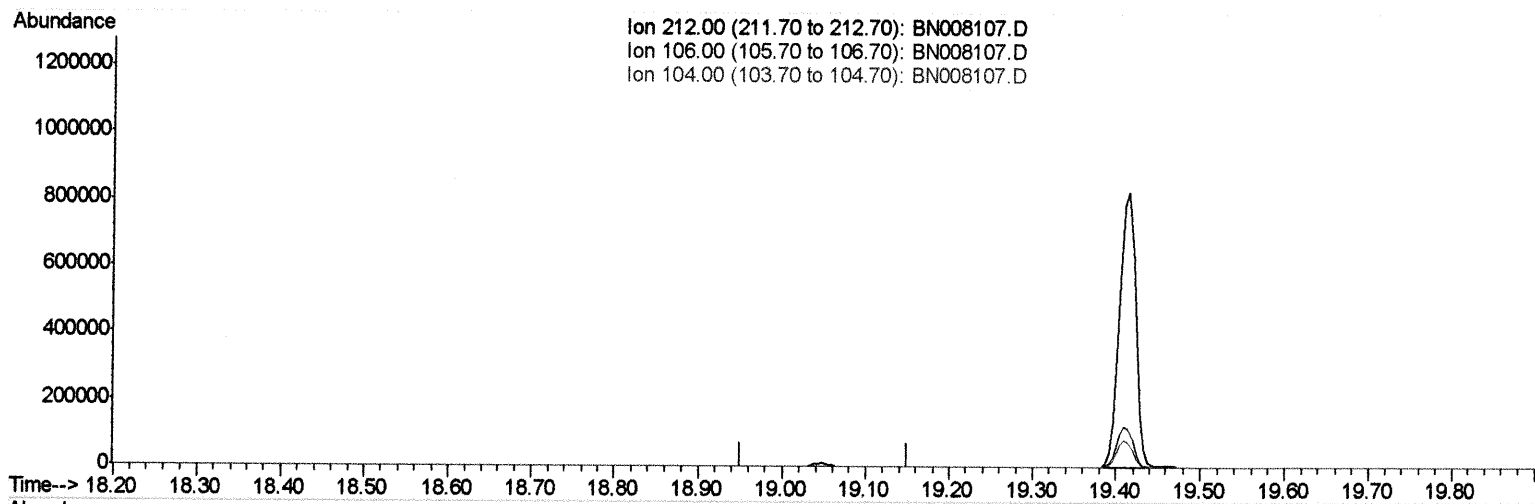
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101119\
Data File : BN008107.D
Acq On : 12 Oct 2019 11:10
Operator : JU
Sample : K5124-18
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
JLMA7

Manual Integrations
APPROVED

mohammad
10/15/2019 7:58:28 AM

Quant Time: Oct 13 02:46:12 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 11 19:05:54 2019
Response via : Initial Calibration



(14) Fluoranthene-d10 (SURR)

19.051min (-19.051) 0.00ng/ui

response 0

Ion	Exp%	Act%
212.00	100	0.00
106.00	12.70	0.00#
104.00	7.20	0.00#
0.00	0.00	0.00

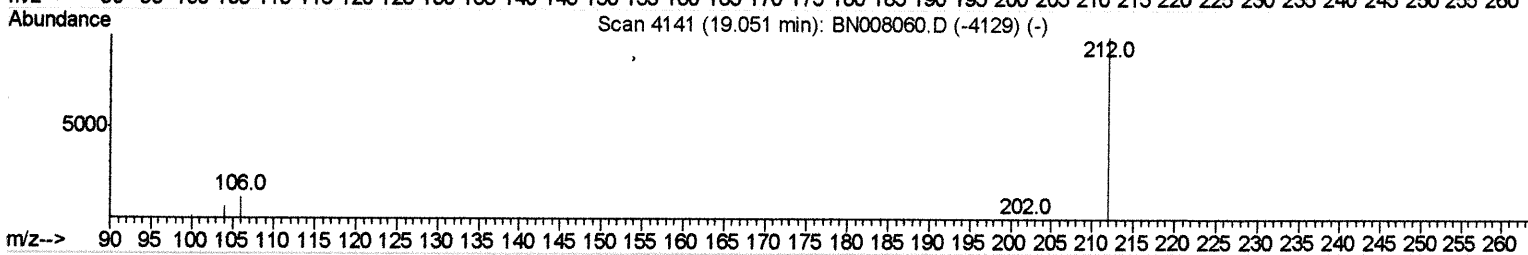
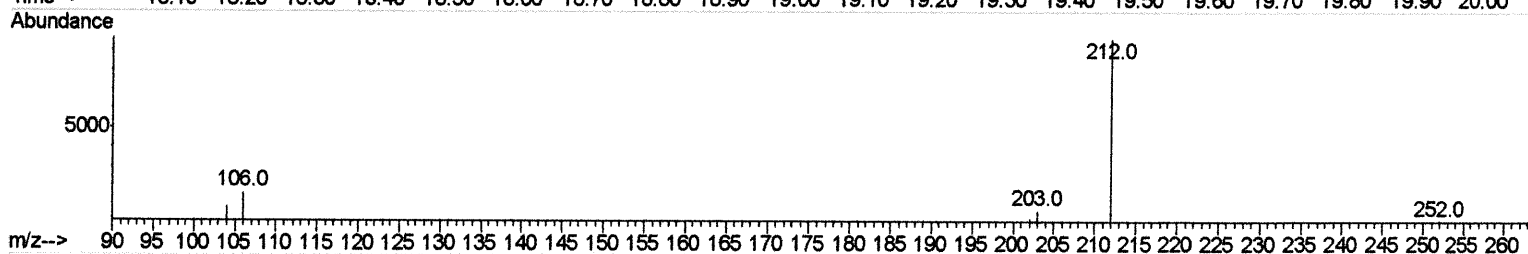
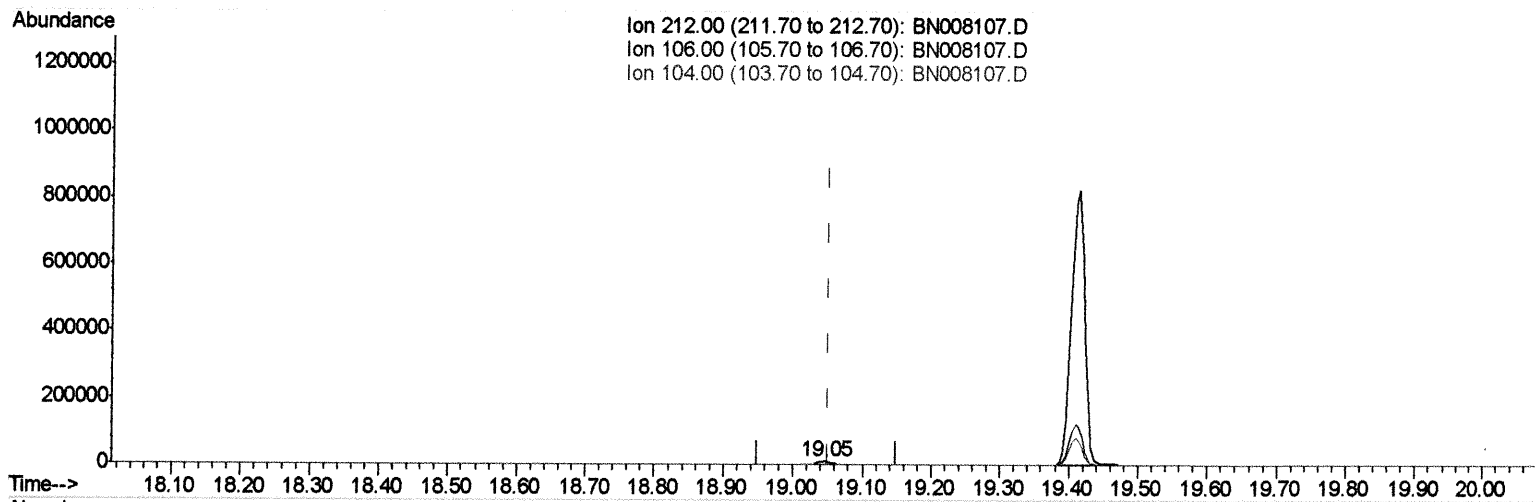
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101119\
Data File : BN008107.D
Acq On : 12 Oct 2019 11:10
Operator : JU
Sample : K5124-18
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
JLMA7

Manual Integrations
APPROVED

mohammad
10/15/2019 7:58:28 AM

Quant Time: Oct 13 02:46:12 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 11 19:05:54 2019
Response via : Initial Calibration



TIC: BN008107.D

(14) Fluoranthene-d10 (SURR)

19.047min (-0.004) 0.19ng/ul m *24/10/16/19*

response 13083

Ion	Exp%	Act%
212.00	100	100
106.00	12.70	0.00#
104.00	7.20	0.00#
0.00	0.00	0.00

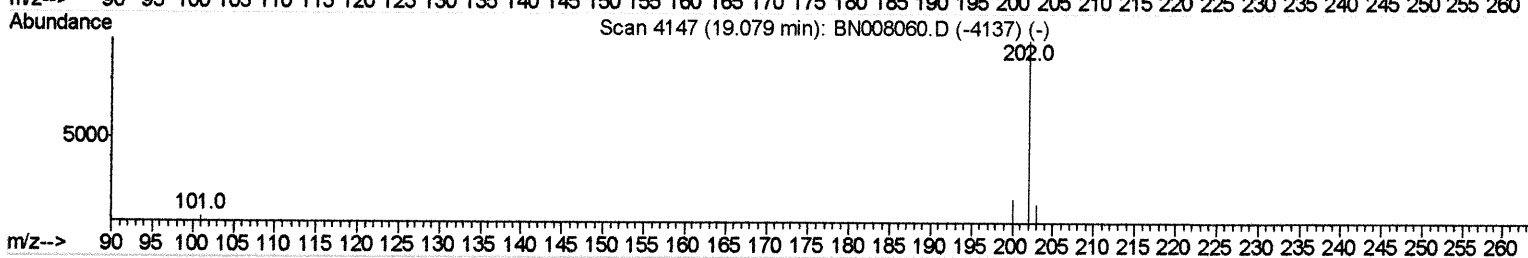
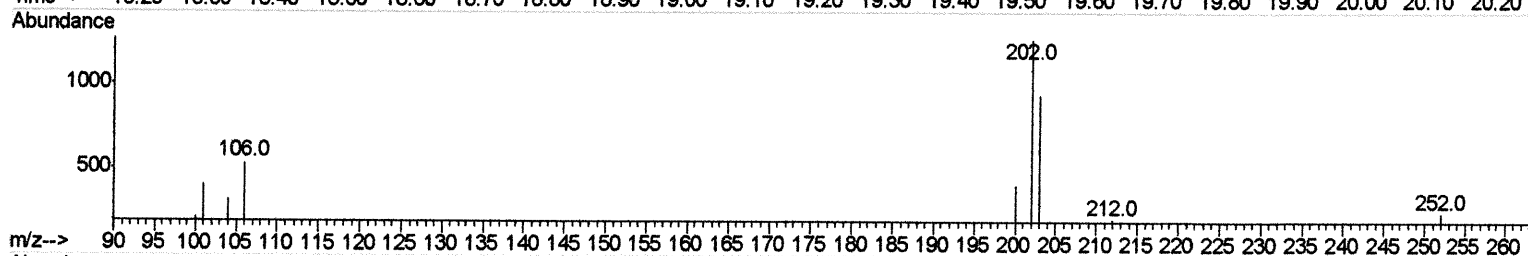
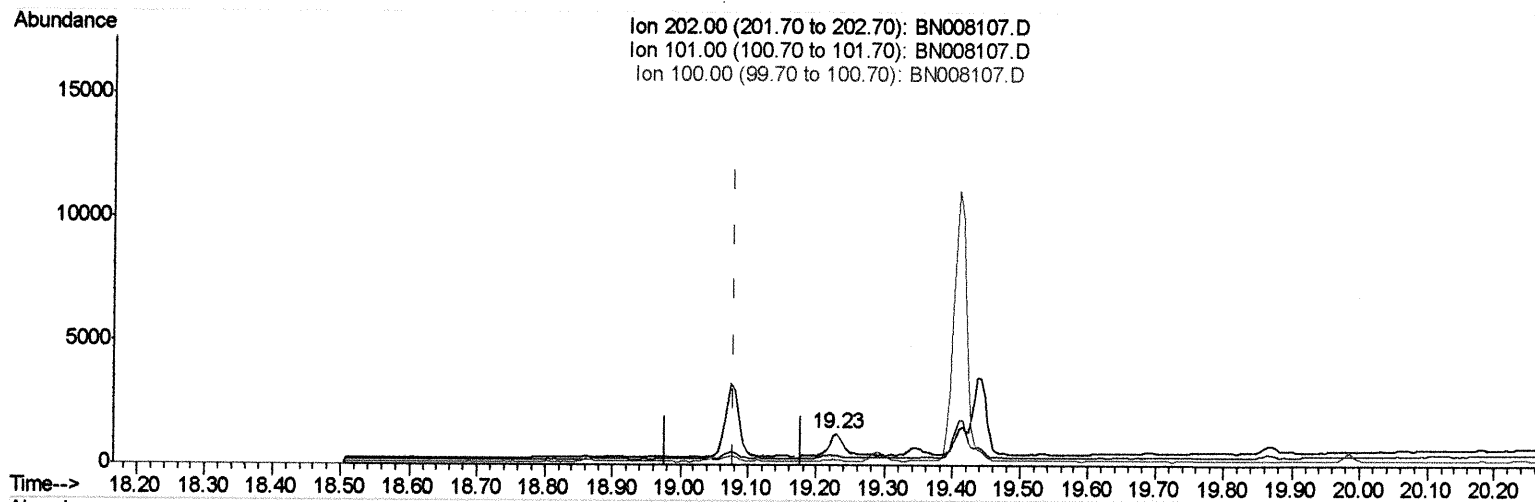
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101119\
Data File : BN008107.D
Acq On : 12 Oct 2019 11:10
Operator : JU
Sample : K5124-18
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
JLMA7

Manual Integrations
APPROVED

mohammad
10/15/2019 7:58:28 AM

Quant Time: Oct 13 02:46:12 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
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QLast Update : Fri Oct 11 19:05:54 2019
Response via : Initial Calibration



TIC: BN008107.D

(15) Fluoranthene (C)

19.228min (+0.149) 0.02ng/ul

response 1407

Ion	Exp%	Act%
202.00	100	100
101.00	11.20	32.17#
100.00	8.50	17.43
0.00	0.00	0.00

Quantitation Report (Qedit)

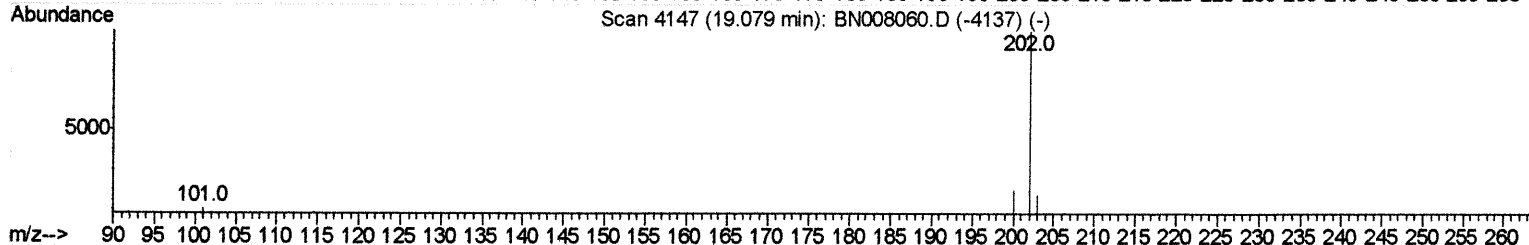
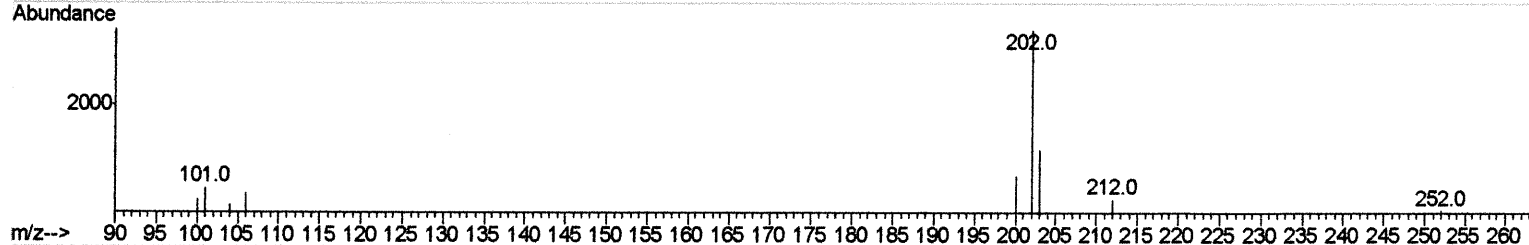
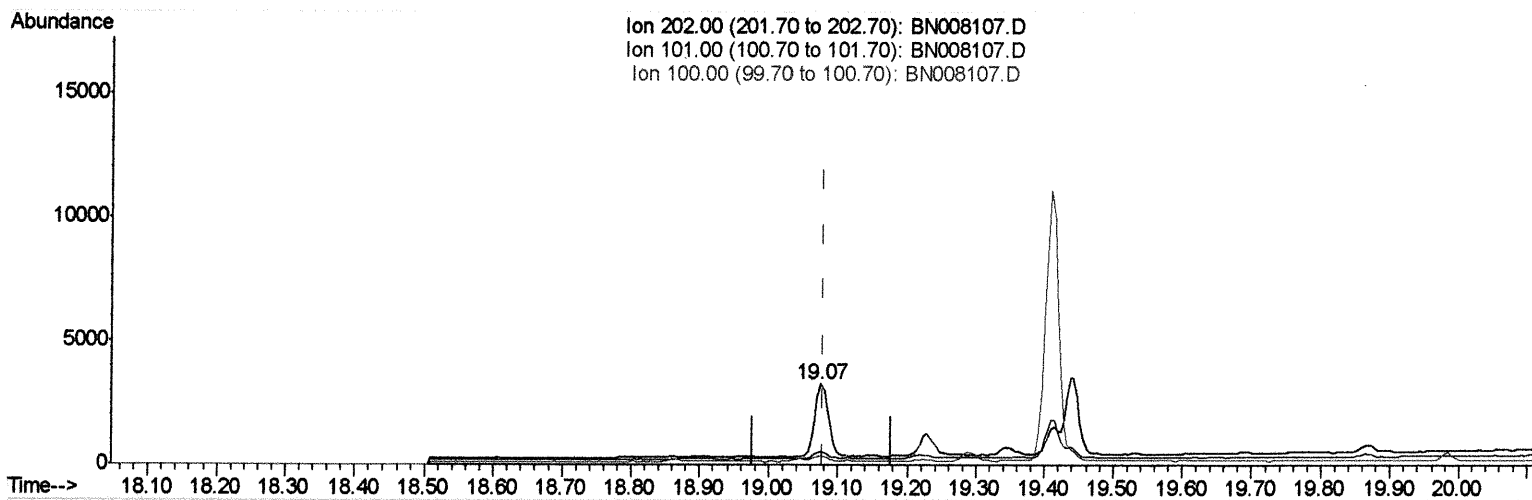
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101119\
 Data File : BN008107.D
 Acq On : 12 Oct 2019 11:10
 Operator : JU
 Sample : K5124-18
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 JLMA7

Manual Integrations
 APPROVED

mohammad
 10/15/2019 7:58:28 AM

Quant Time: Oct 13 02:46:12 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 11 19:05:54 2019
 Response via : Initial Calibration



(15) Fluoranthene (C)

19.074min (-0.004) 0.05ng/ul m

JU 10/16/19

response 4049

Ion	Exp%	Act%
202.00	100	100
101.00	11.20	17.72
100.00	8.50	12.12
0.00	0.00	0.00

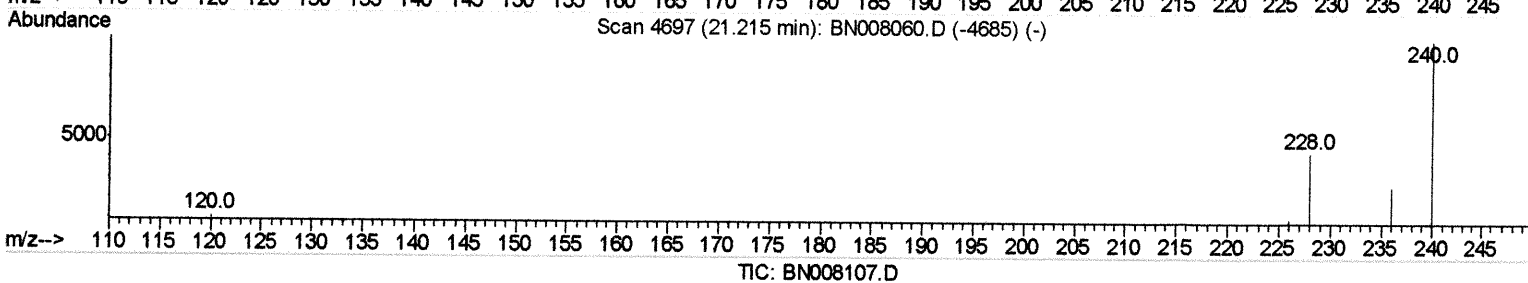
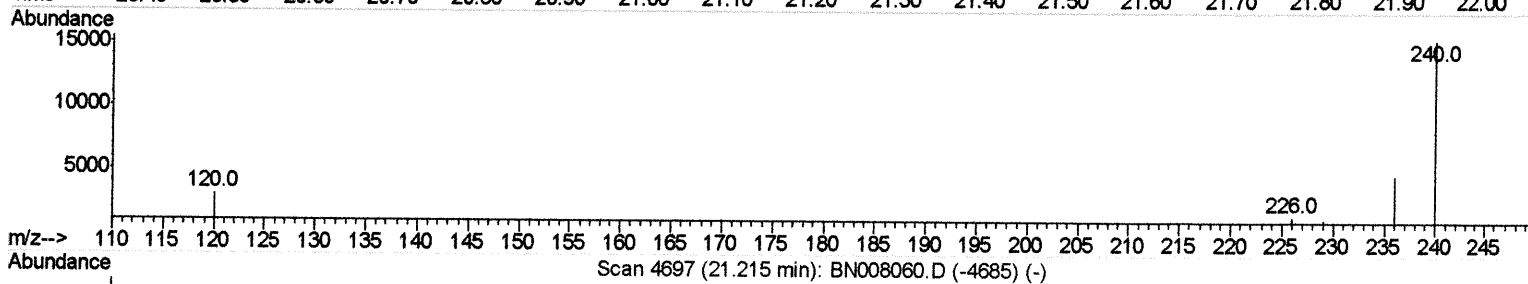
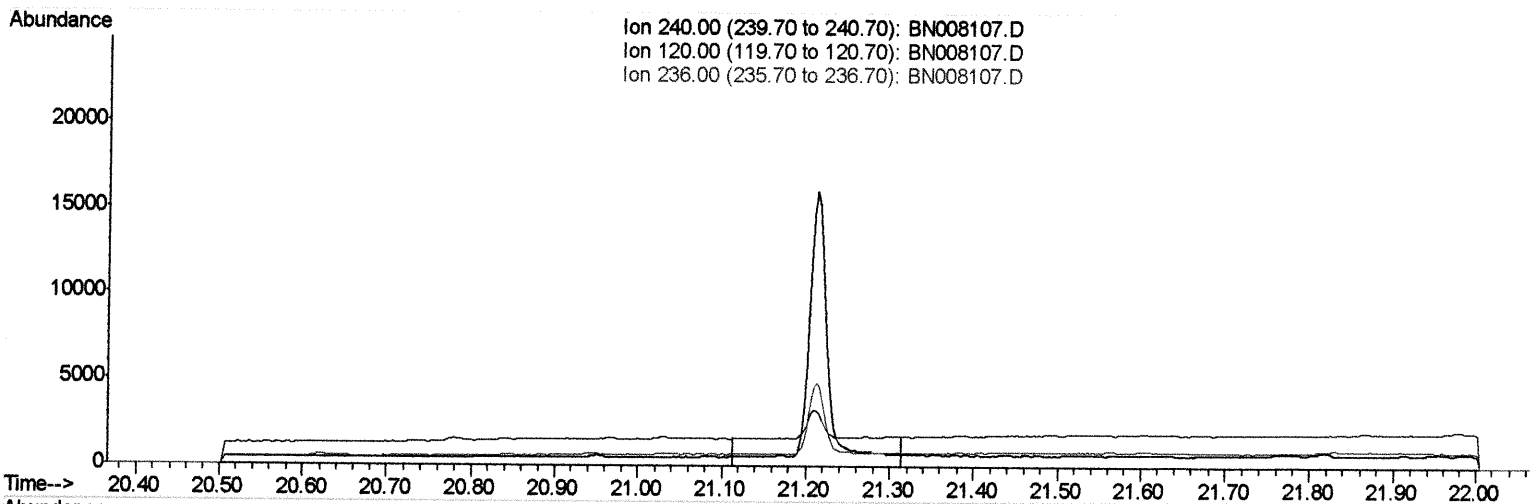
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101119\
Data File : BN008107.D
Acq On : 12 Oct 2019 11:10
Operator : JU
Sample : K5124-18
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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Manual Integrations
APPROVED

mohammad
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(16) Chrysene-d12 (I)

21.215min (-21.215) 0.00ng/ul

response 0

Ion	Exp%	Act%
240.00	100	0.00
120.00	14.70	0.00#
236.00	28.40	0.00#
0.00	0.00	0.00

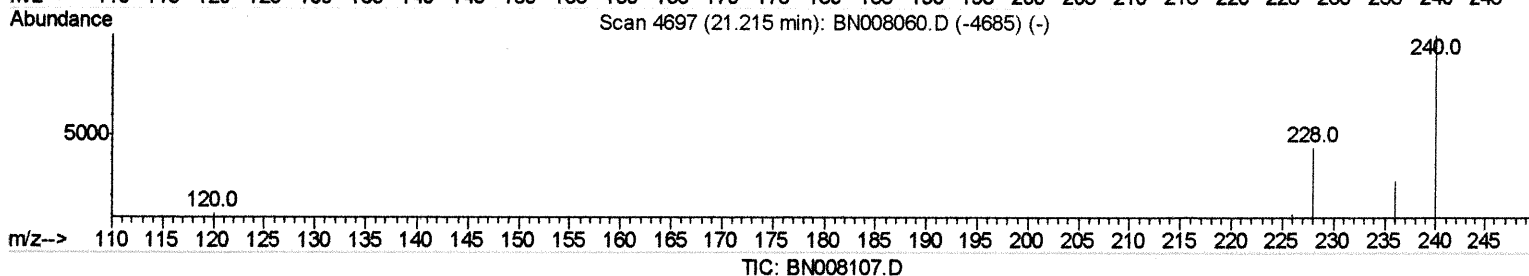
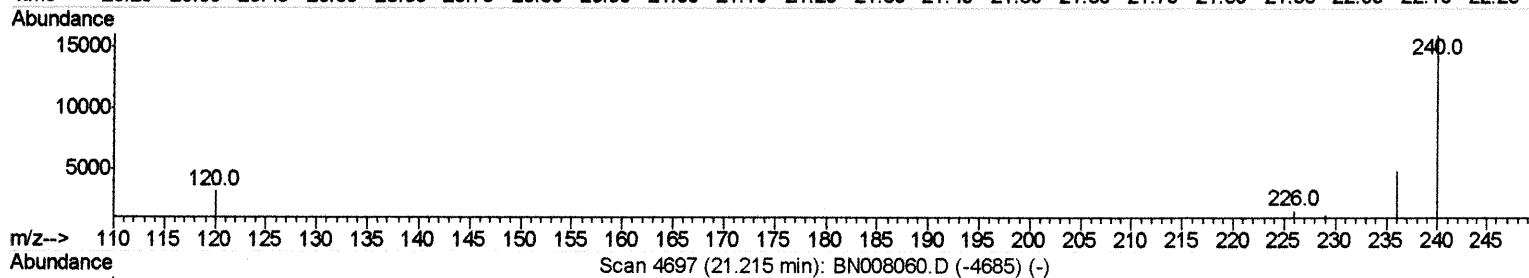
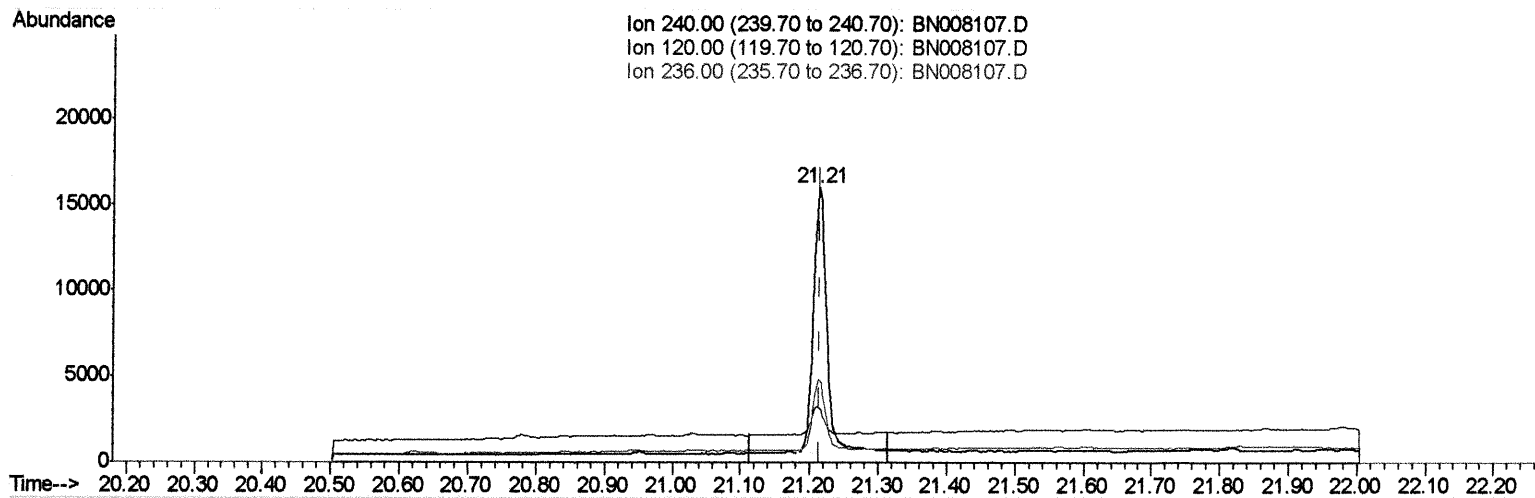
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101119\
Data File : BN008107.D
Acq On : 12 Oct 2019 11:10
Operator : JU
Sample : K5124-18
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampled :
JLMA7

Manual Integrations
APPROVED

mohammad
10/15/2019 7:58:28 AM

Quant Time: Oct 13 02:46:12 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
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Response via : Initial Calibration



(16) Chrysene-d12 (I)

21.213min (-0.003) 0.40ng/ul m

JU 10/16/19

response 20219

Ion	Exp%	Act%
240.00	100	100
120.00	14.70	19.97#
236.00	28.40	30.65
0.00	0.00	0.00

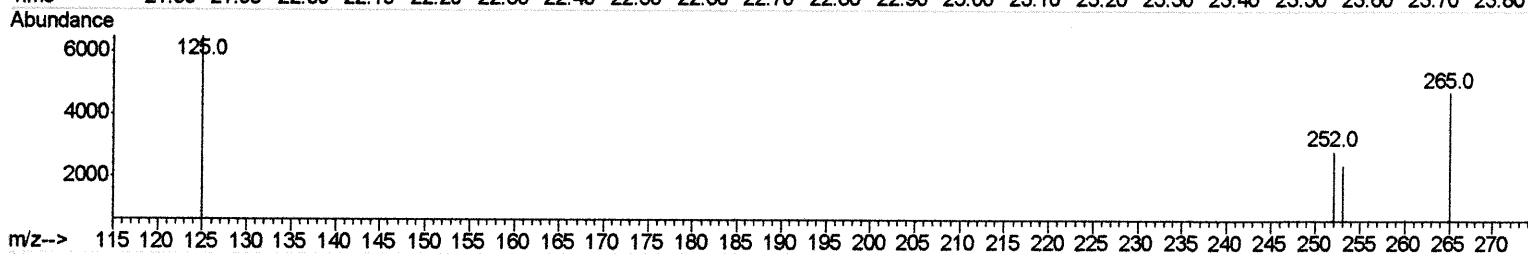
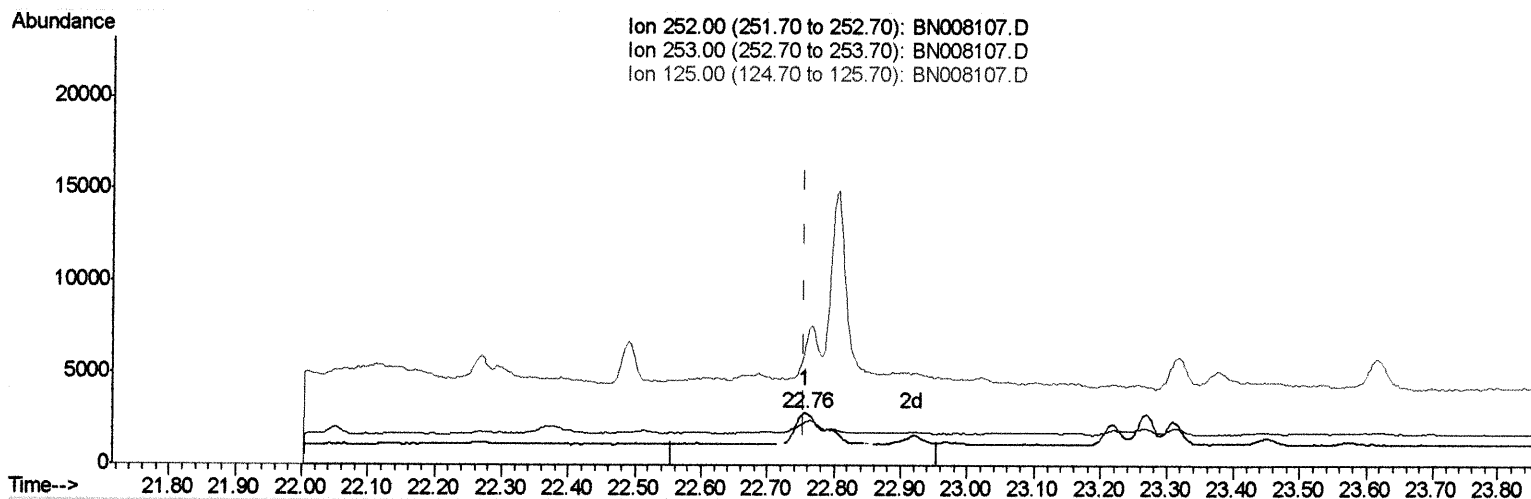
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Data File : BN008107.D
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Operator : JU
Sample : K5124-18
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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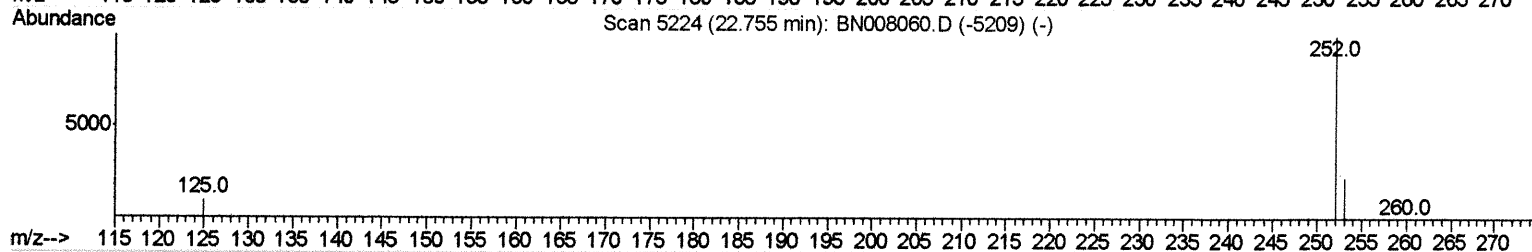
Manual Integrations
APPROVED

mohammad
10/15/2019 7:58:28 AM

Quant Time: Oct 13 02:47:27 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
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Scan 5224 (22.755 min): BN008060.D (-5209) (-)



TIC: BN008107.D

(21) Benzo(b)fluoranthene

22.756min (+0.000) 0.08ng/ul

response 5272

Ion	Exp%	Act%
252.00	100	100
253.00	26.70	84.22#
125.00	16.20	228.15#
0.00	0.00	0.00

Quantitation Report (Qedit)

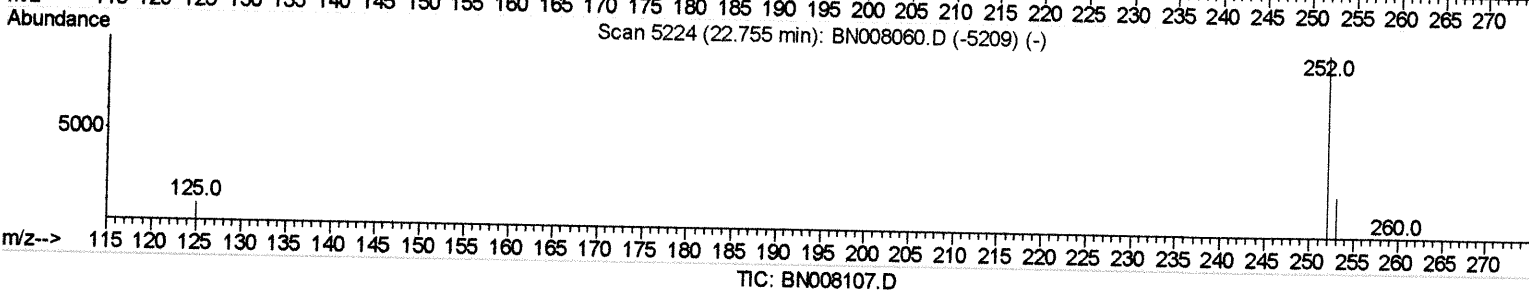
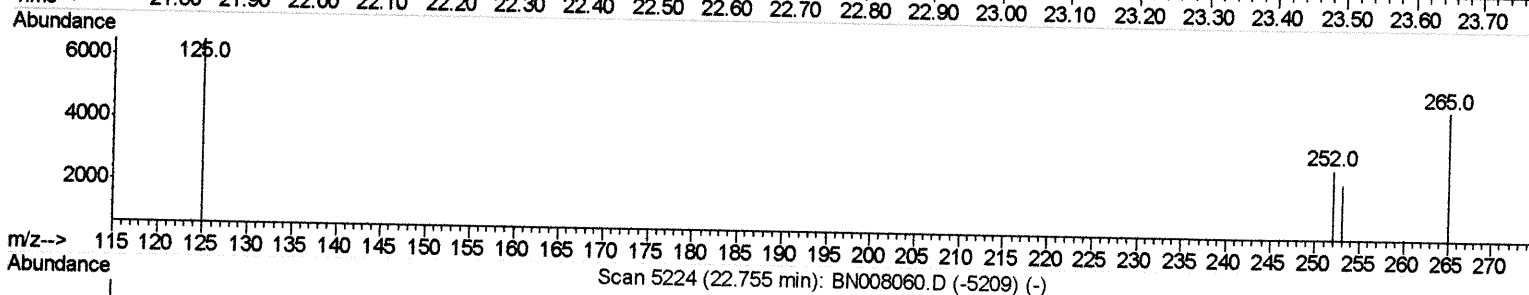
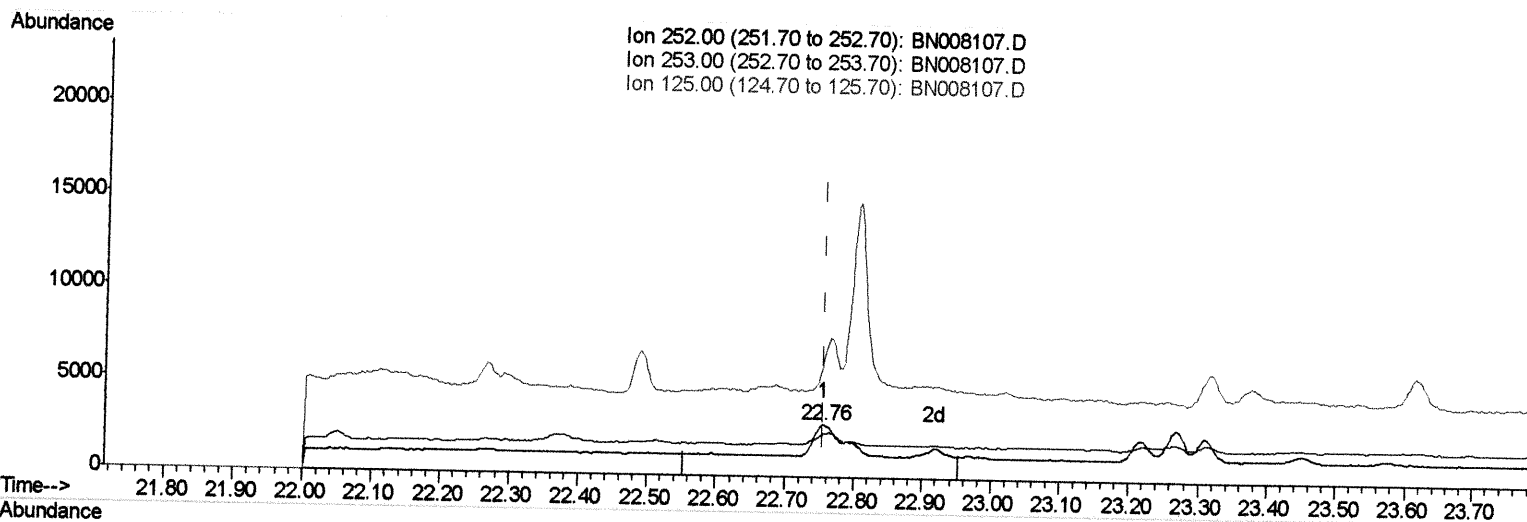
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101119\
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 Sample : K5124-18
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Manual Integrations
 APPROVED

mohammad
 10/15/2019 7:58:28 AM

Quant Time: Oct 13 02:47:27 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 11 19:05:54 2019
 Response via : Initial Calibration



(21) Benzo(b)fluoranthene

22.756min (+0.000) 0.06ng/ul m *22 10/16/19*

response 3863

Ion	Exp%	Act%
252.00	100	100
253.00	26.70	84.22#
125.00	16.20	228.15#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101119\
 Data File : BN008107.D
 Acq On : 12 Oct 2019 11:10
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 ALS Vial : 40 Sample Multiplier: 1

Instrument :
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Manual Integrations
 APPROVED

mohammad
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	2801	0.40	ng/ul	0.00
2) Naphthalene-d8	10.39	136	13438	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.26	164	8712	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.01	188	19952m	0.40	ng/ul	0.00
16) Chrysene-d12	21.21	240	20219m	0.40	ng/ul	0.00
20) Perylene-d12	23.40	264	21010	0.40	ng/ul	0.00

System Monitoring Compounds

4) 2-Methylnaphthalene-d10	12.00	152	3953	0.17	ng/ul	0.00
14) Fluoranthene-d10	19.05	212	13083m	0.19	ng/ul	0.00

Target Compounds

	R.T.	QIon	Response	Conc	Units	Ovalue
3) Naphthalene	10.44	128	1058	0.028	ng/ul#	74
5) 2-Methylnaphthalene	12.07	142	1045	0.040	ng/ul	98
7) Acenaphthylene	13.98	152	2589	0.062	ng/ul#	84
12) Phenanthrene	17.05	178	2817m	0.048	ng/ul	3
15) Fluoranthene	19.07	202	4049m	0.052	ng/ul	3
17) Pyrene	19.44	202	4074	0.051	ng/ul#	80
18) Benzo(a)anthracene	21.20	228	1779	0.024	ng/ul#	1
19) Chrysene	21.25	228	2834	0.031	ng/ul#	35
21) Benzo(b)fluoranthene	22.76	252	3863m	0.056	ng/ul	7
23) Benzo(a)pyrene	23.31	252	2029	0.028	ng/ul#	1

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