

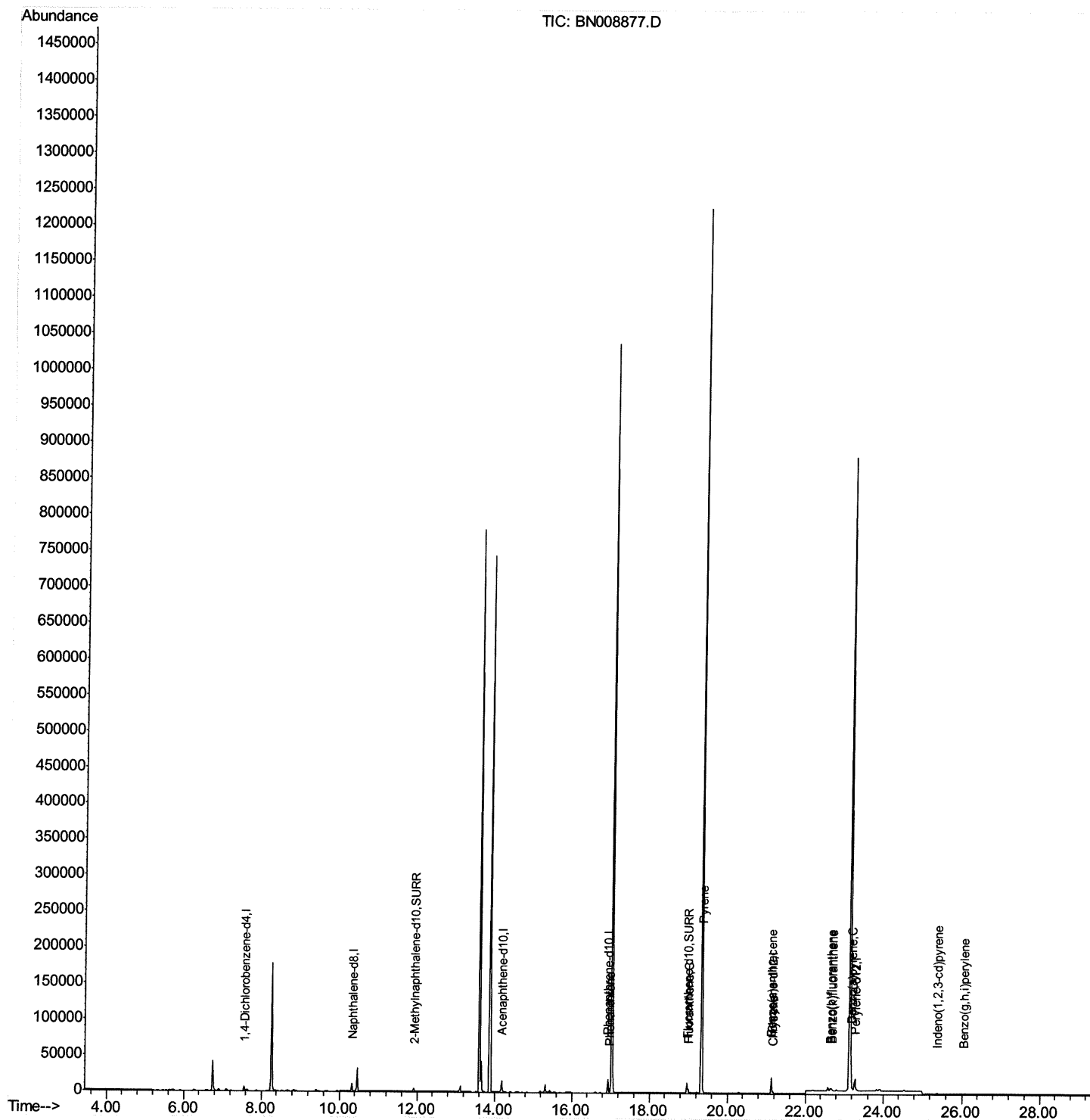
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120619\
Data File : BN008877.D
Acq On : 07 Dec 2019 01:35
Operator : JU
Sample : K6007-19
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0BM5

Manual Integrations
APPROVED

mohammad
12/9/2019 3:08:13 PM

Quant Time: Dec 07 02:34:22 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN111519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 06 23:00:12 2019
Response via : Initial Calibration



Quantitation Report (Qedit)

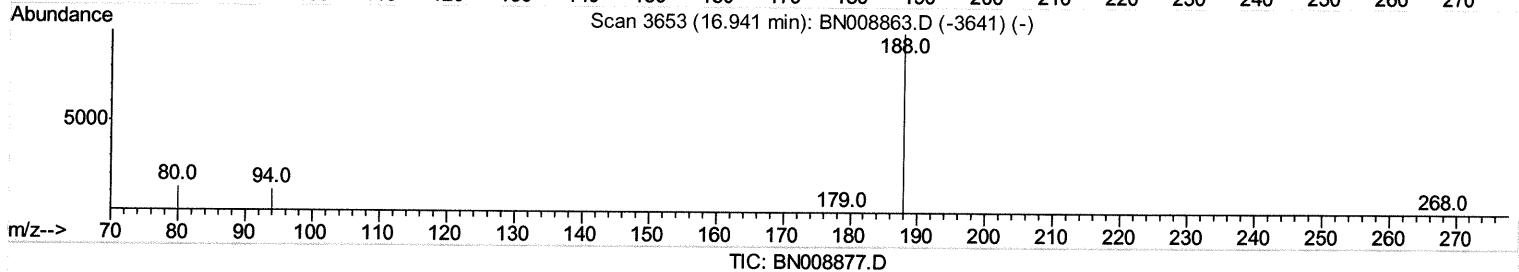
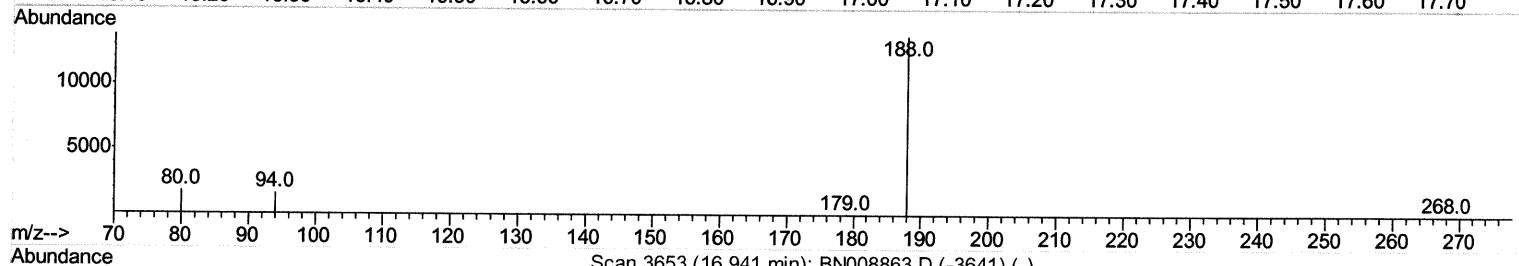
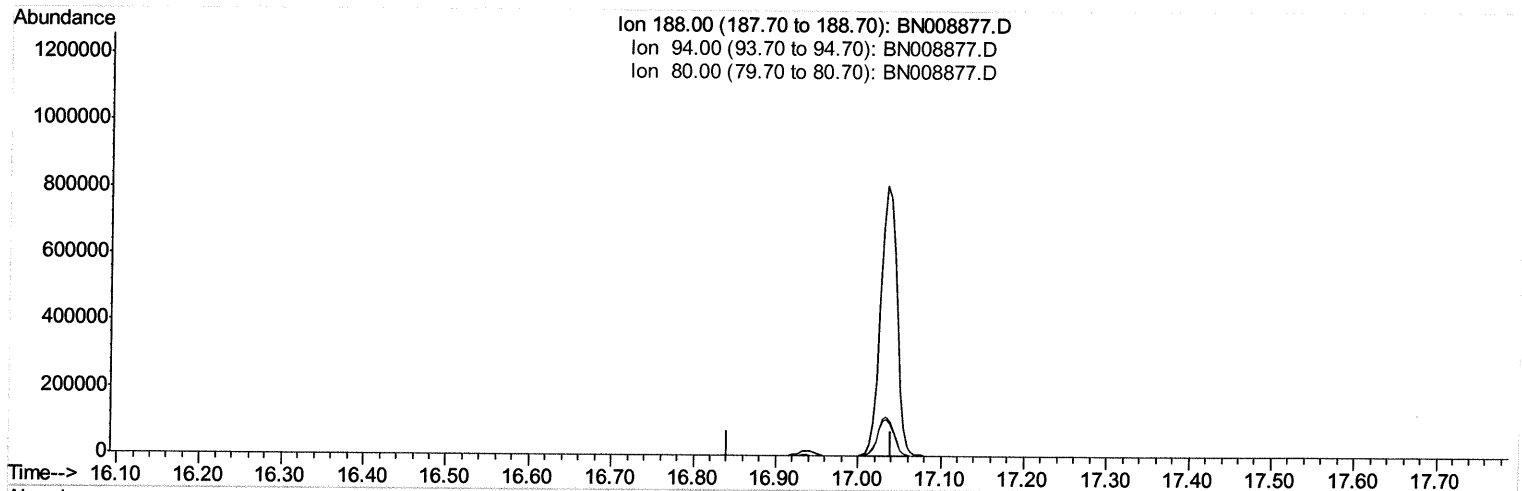
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 12/9/2019 3:08:13 PM

Quant Time: Dec 07 02:32:26 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN111519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 06 23:00:12 2019
 Response via : Initial Calibration



(10) Phenanthrene-d10 (I)

16.941min (-16.941) 0.00ng/ui

response 0

Ion	Exp%	Act%
188.00	100	0.00
94.00	12.20	0.00#
80.00	14.40	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

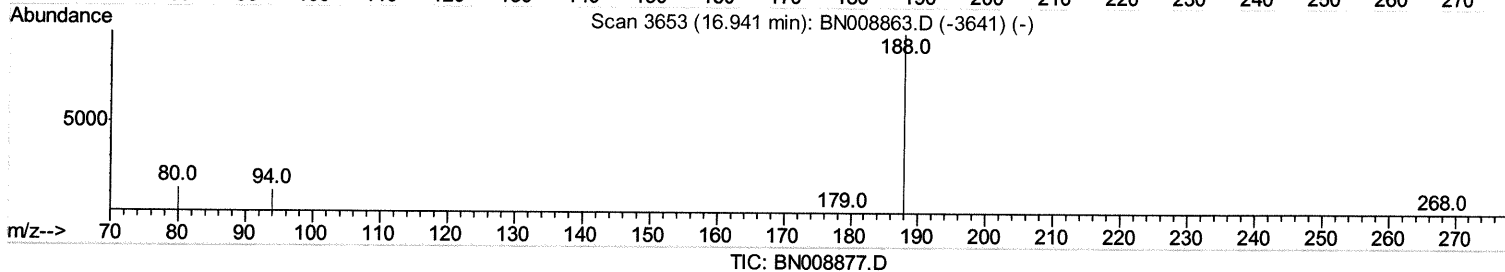
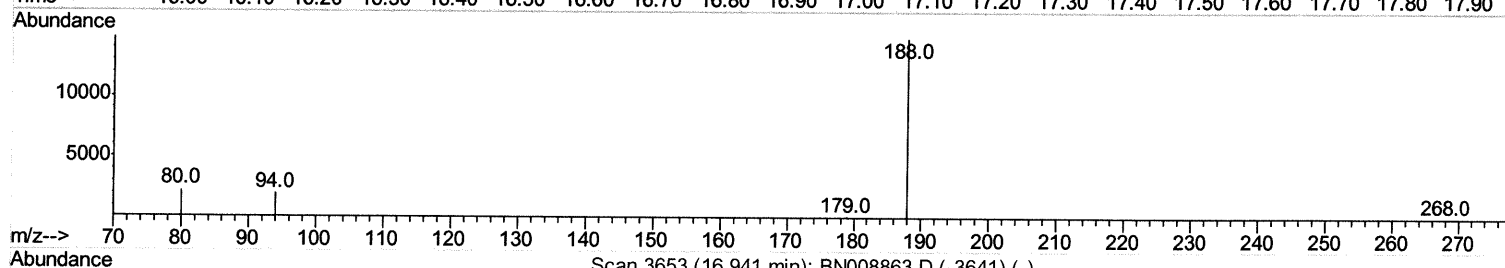
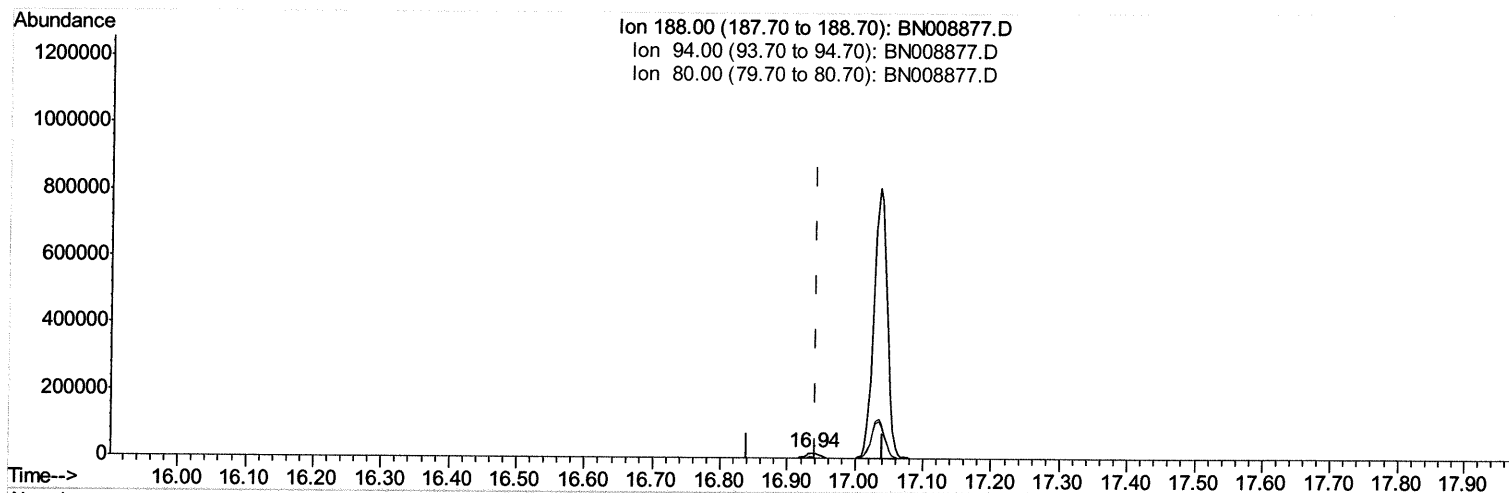
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120619\
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 Acq On : 07 Dec 2019 01:35
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Manual Integrations
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 06 23:00:12 2019
 Response via : Initial Calibration



(10) Phenanthrene-d10 (I)

16.937min (-0.004) 0.40ng/ul m

JU 12/10/19

response 19987

Ion	Exp%	Act%
188.00	100	100
94.00	12.20	13.01
80.00	14.40	14.80
0.00	0.00	0.00

Quantitation Report (Qedit)

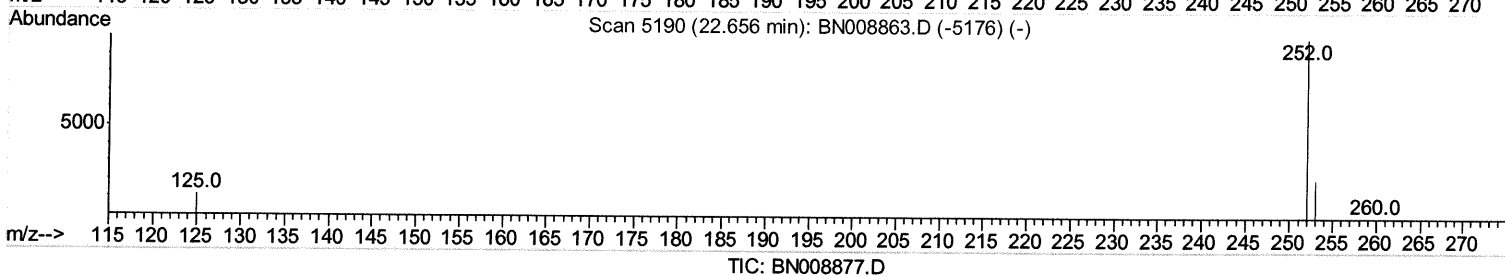
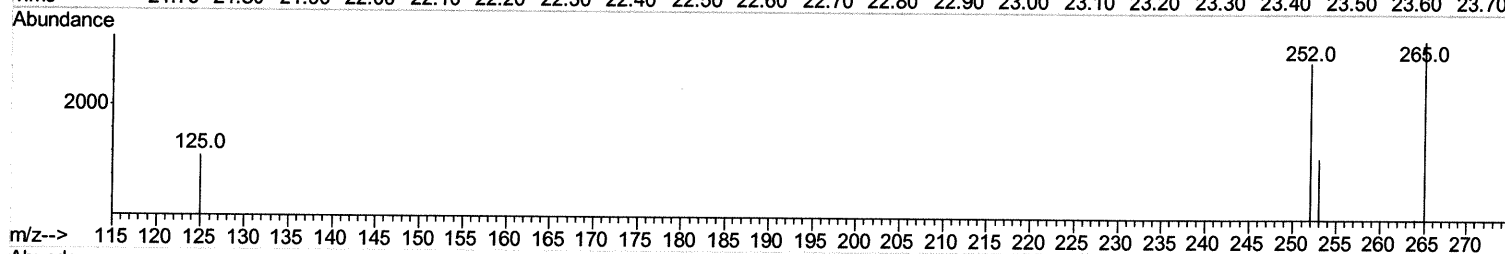
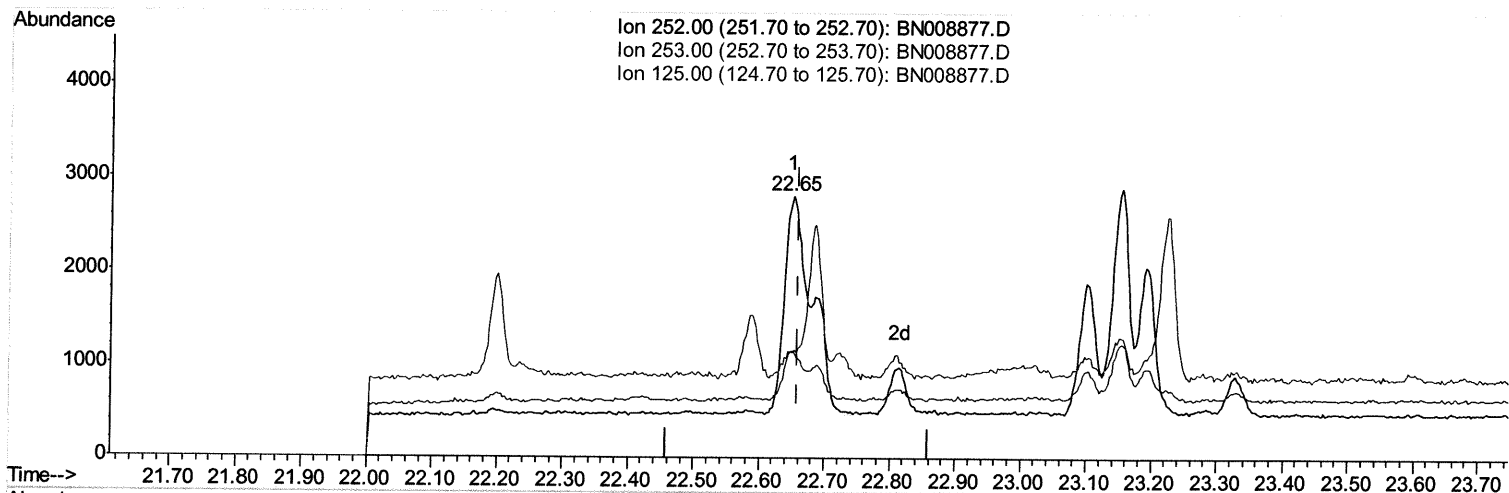
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120619\
 Data File : BN008877.D
 Acq On : 07 Dec 2019 01:35
 Operator : JU
 Sample : K6007-19
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C08M5

Manual Integrations
 APPROVED

mohammad
 12/9/2019 3:08:13 PM

Quant Time: Dec 07 02:33:13 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN111519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 06 23:00:12 2019
 Response via : Initial Calibration



(21) Benzo(b)fluoranthene

22.650min (-0.009) 0.08ng/ul

response 6857

Ion	Exp%	Act%
252.00	100	100
253.00	24.30	40.94
125.00	15.80	40.48#
0.00	0.00	0.00

Quantitation Report (Qedit)

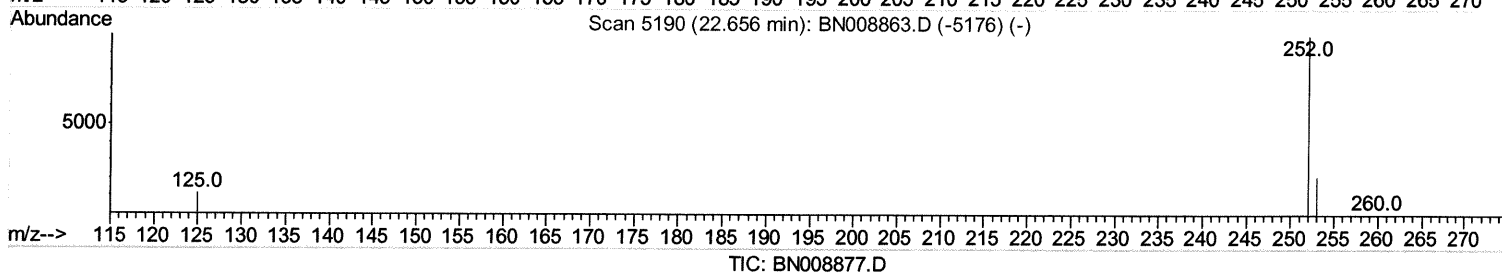
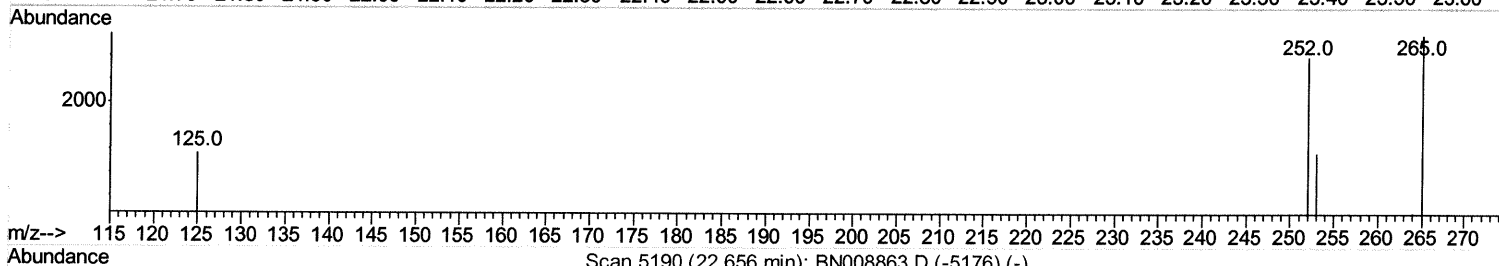
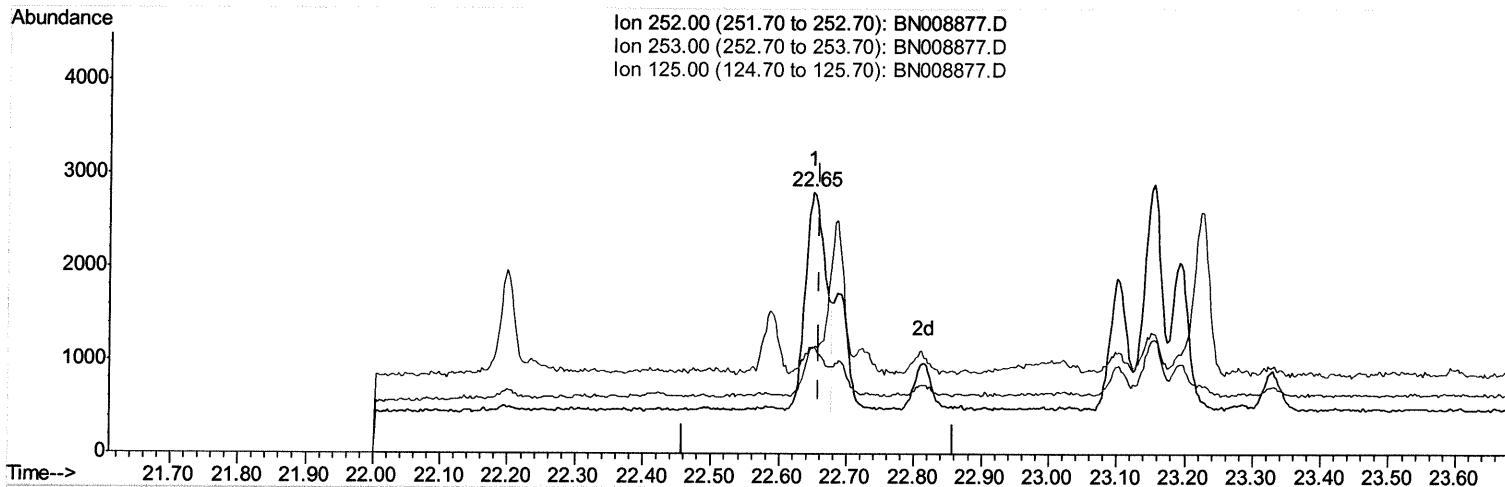
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 Data File : BN008877.D
 Acq On : 07 Dec 2019 01:35
 Operator : JU
 Sample : K6007-19
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0BM5

Manual Integrations
 APPROVED

mohammad
 12/9/2019 3:08:13 PM

Quant Time: Dec 07 02:33:13 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN111519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 06 23:00:12 2019
 Response via : Initial Calibration



(21) Benzo(b)fluoranthene

22.650min (-0.009) 0.06ng/ul m

Ju 12/10/19

response 4984

Ion	Exp%	Act%
252.00	100	100
253.00	24.30	40.94
125.00	15.80	40.48#
0.00	0.00	0.00

Quantitation Report (Qedit)

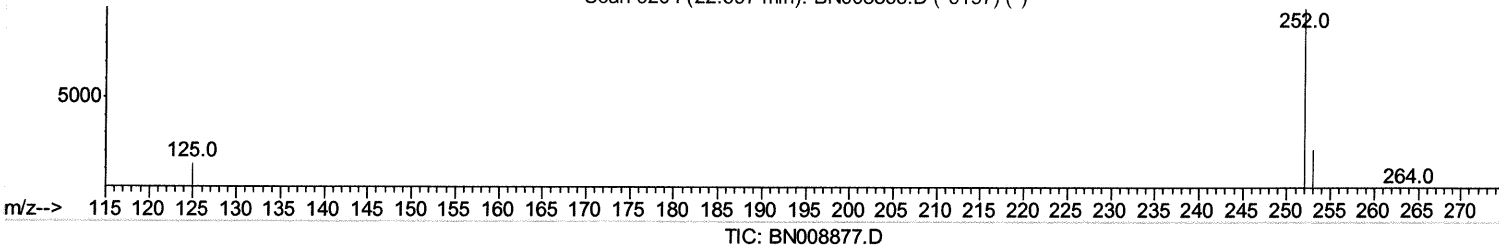
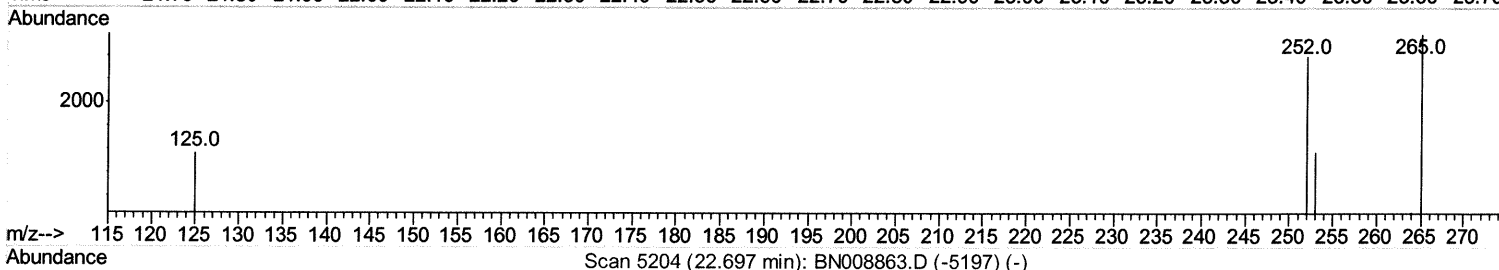
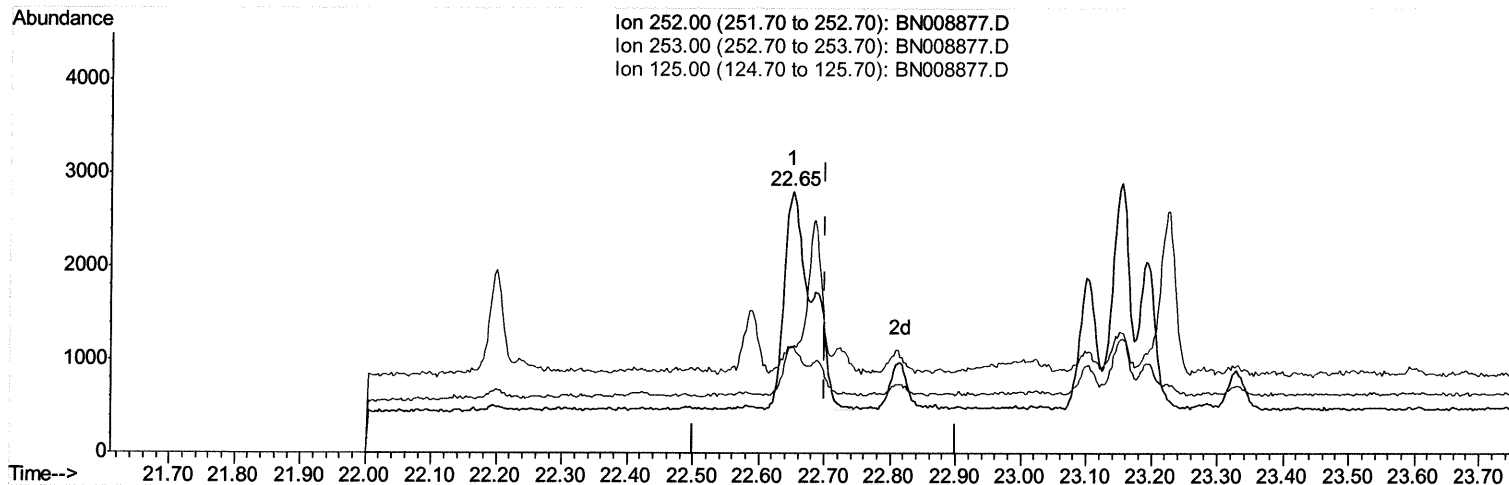
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120619\
 Data File : BN008877.D
 Acq On : 07 Dec 2019 01:35
 Operator : JU
 Sample : K6007-19
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampled :
 C0BM5

Manual Integrations
 APPROVED

mohammad
 12/9/2019 3:08:13 PM

Quant Time: Dec 07 02:33:13 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN111519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 06 23:00:12 2019
 Response via : Initial Calibration



(22) Benzo(k)fluoranthene

22.650min (-0.050) 0.08ng/ul

response 6857

Ion	Exp%	Act%
252.00	100	100
253.00	24.50	40.94#
125.00	17.20	40.48#
0.00	0.00	0.00

Quantitation Report (Qedit)

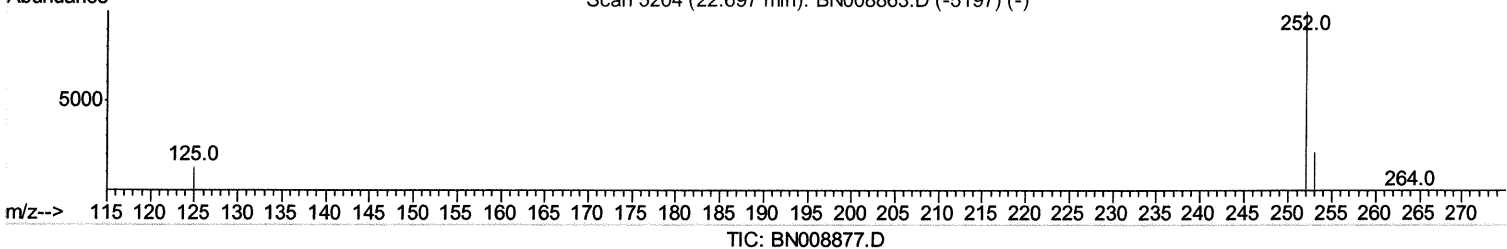
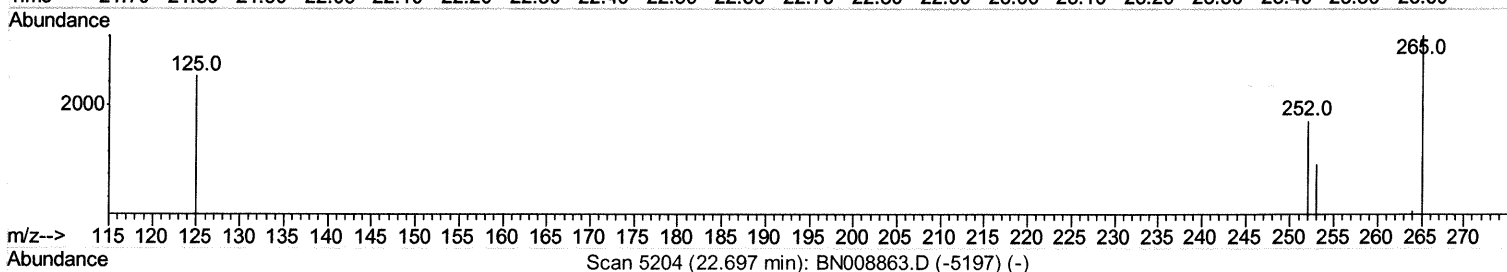
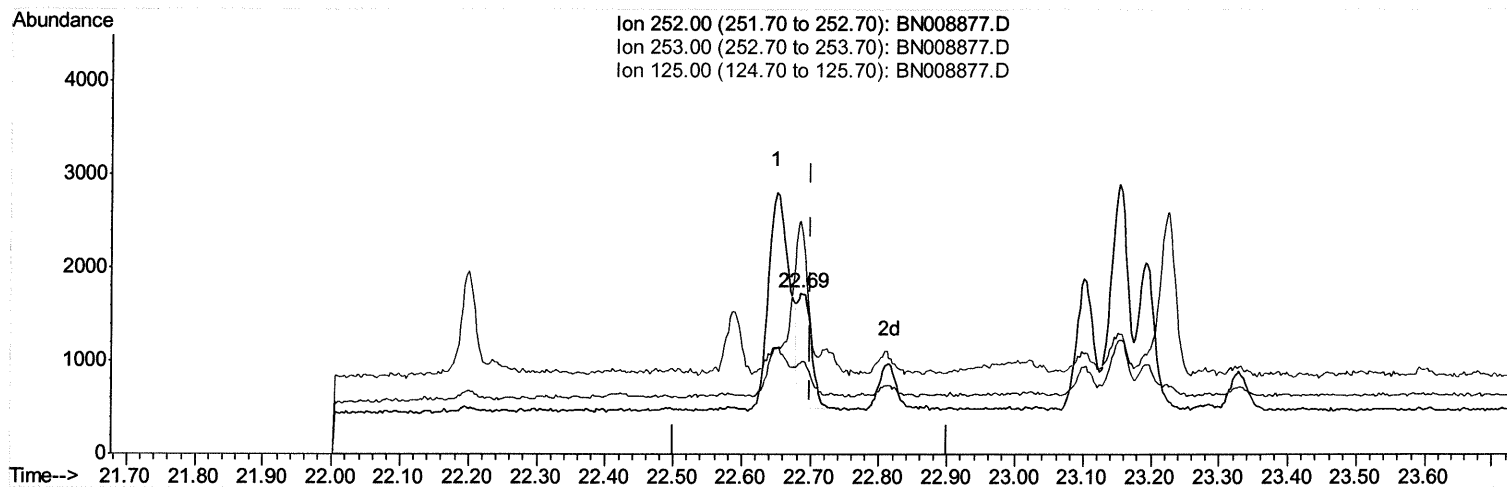
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120619\
 Data File : BN008877.D
 Acq On : 07 Dec 2019 01:35
 Operator : JU
 Sample : K6007-19
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0BM5

Manual Integrations
 APPROVED

mohammad
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Quant Time: Dec 07 02:33:13 2019
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 06 23:00:12 2019
 Response via : Initial Calibration



(22) Benzo(k)fluoranthene

22.685min (-0.015) 0.02ng/ul m JU 12/10/19

response 1821

Ion	Exp%	Act%
252.00	100	100
253.00	24.50	56.55#
125.00	17.20	145.25#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120619\
 Data File : BN008877.D
 Acq On : 07 Dec 2019 01:35
 Operator : JU
 Sample : K6007-19
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0BM5

Manual Integrations
 APPROVED

mohammad
 12/9/2019 3:08:13 PM

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	2839	0.40	ng/ul	0.00
2) Naphthalene-d8	10.32	136	13033	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.19	164	8877	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.94	188	19987m >	0.40	ng/ul >	0.00
16) Chrysene-d12	21.13	240	18052	0.40	ng/ul	0.00
20) Perylene-d12	23.28	264	19899	0.40	ng/ul	0.00

Ju 12/10/19

System Monitoring Compounds

4) 2-Methylnaphthalene-d10	11.92	152	5747	0.27	ng/ul	0.00
14) Fluoranthene-d10	18.97	212	15322	0.25	ng/ul	0.00

Target Compounds

					Ovalue
12) Phenanthrene	16.98	178	2372	0.035 ng/ul#	92
15) Fluoranthene	19.00	202	5074	0.061 ng/ul	97
17) Pyrene	19.36	202	4763	0.066 ng/ul#	93
18) Benzo(a)anthracene	21.12	228	3090	0.043 ng/ul#	90
19) Chrysene	21.17	228	3510	0.049 ng/ul#	90
21) Benzo(b)fluoranthene	22.65	252	4984m }	0.061 ng/ul }	Ju 12/10/19
22) Benzo(k)fluoranthene	22.69	252	1821m }	0.022 ng/ul }	
23) Benzo(a)pyrene	23.19	252	2500	0.032 ng/ul#	42
24) Indeno(1,2,3-cd)pyrene	25.39	276	1933	0.021 ng/ul#	79
26) Benzo(a,h,i)perylene	26.04	276	1709	0.023 ng/ul#	71

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