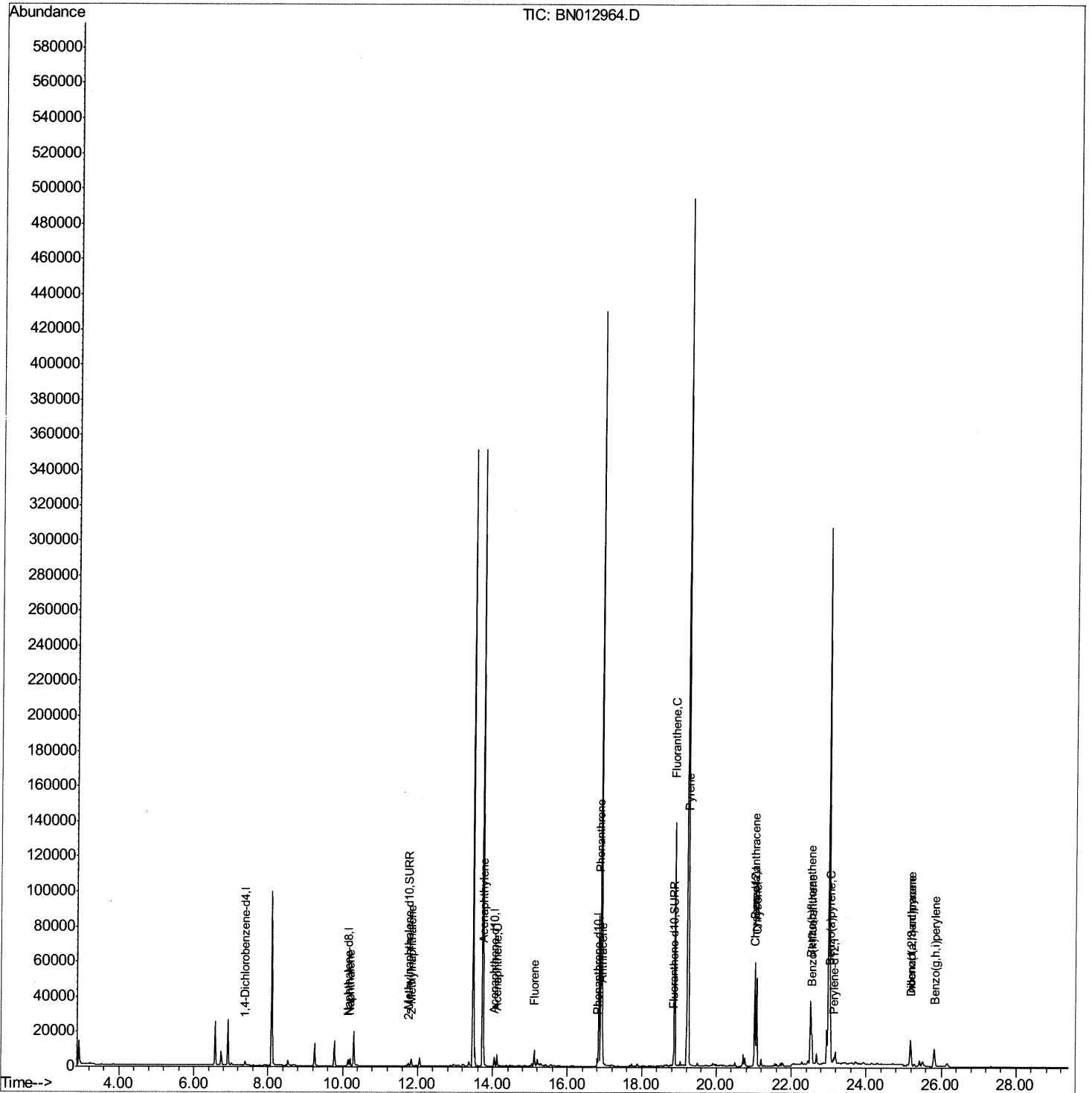


Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN120720\  
 Data File : BN012964.D  
 Acq On : 08 Dec 2020 06:44  
 Operator : CG/JU  
 Sample : L4862-02  
 Misc :  
 ALS Vial : 33 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampled :  
 C0A21

Manual Integrations  
 APPROVED  
 mohammad  
 12/9/2020 12:24:20 PM

Quant Time: Dec 08 11:48:40 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN120320.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Dec 07 12:24:06 2020  
 Response via : Initial Calibration



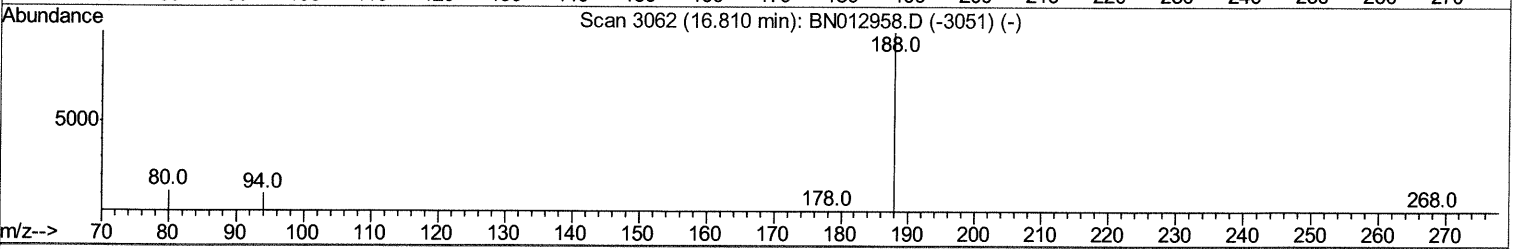
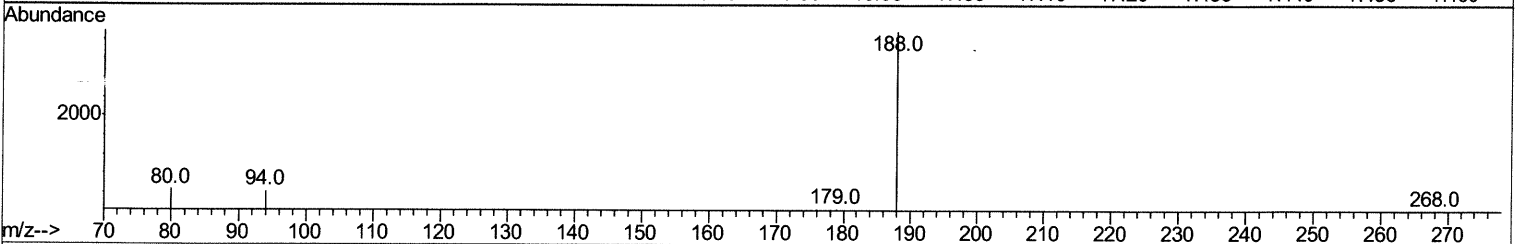
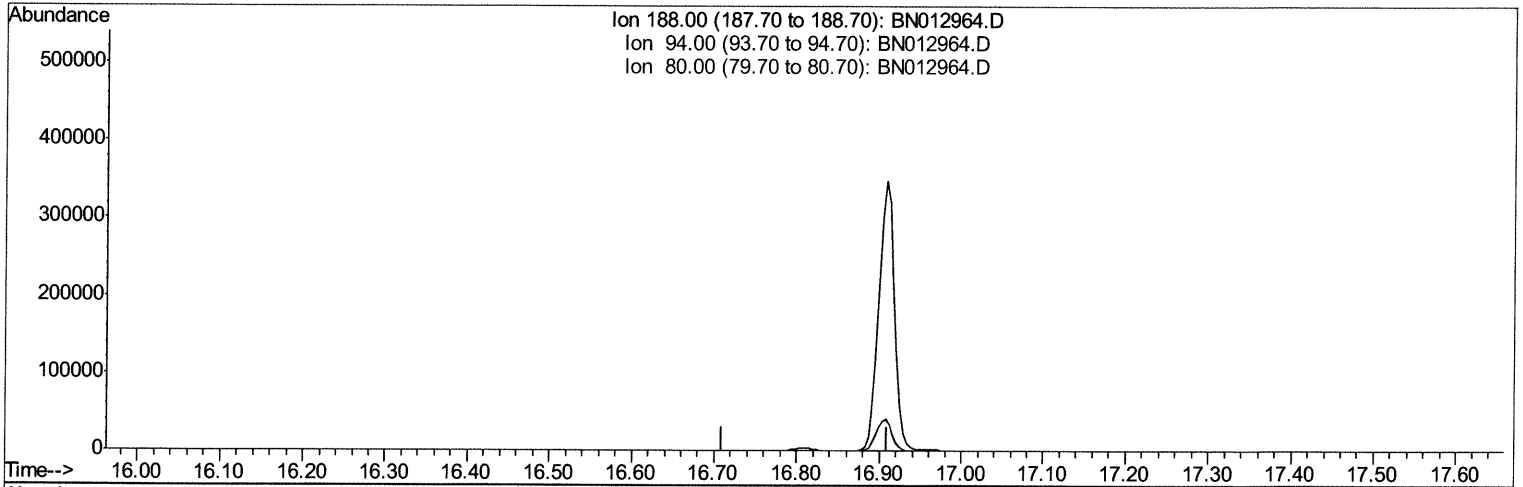
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN120720\  
 Data File : BN012964.D  
 Acq On : 08 Dec 2020 06:44  
 Operator : CG/JU  
 Sample : L4862-02  
 Misc :  
 ALS Vial : 33 Sample Multiplier: 1

**Instrument :**  
 BNA\_N  
**ClientSampled :**  
 C0AZ1

**Manual Integrations**  
**APPROVED**  
 mohammad  
 12/9/2020 12:24:20 PM

Quant Time: Dec 08 11:46:05 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN120320.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Dec 07 12:24:06 2020  
 Response via : Initial Calibration



TIC: BN012964.D

(10) Phenanthrene-d10 (I)

16.810min (-16.810) 0.00ng/ul

response 0

Ion	Exp%	Act%
188.00	100	0.00
94.00	11.40	0.00#
80.00	12.40	0.00#
0.00	0.00	0.00

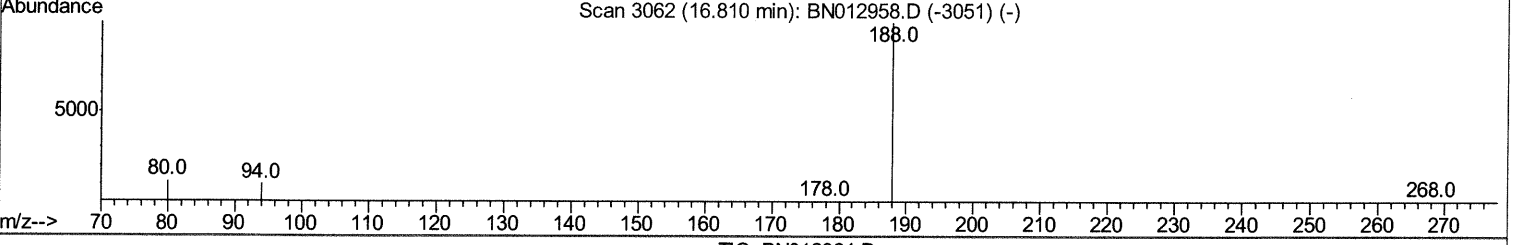
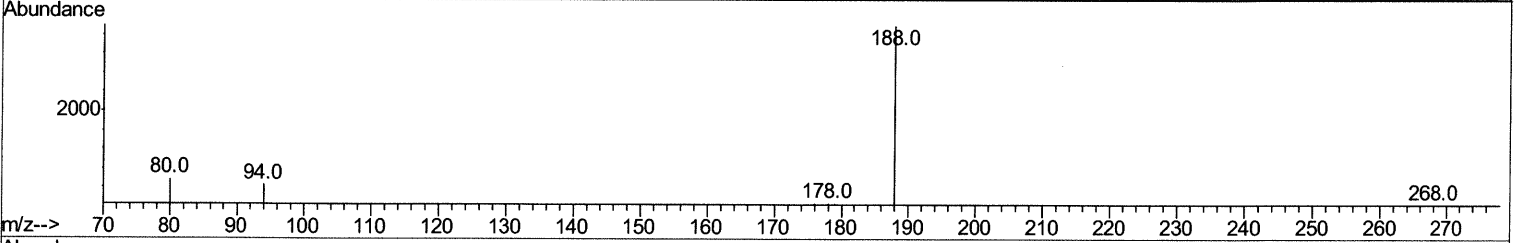
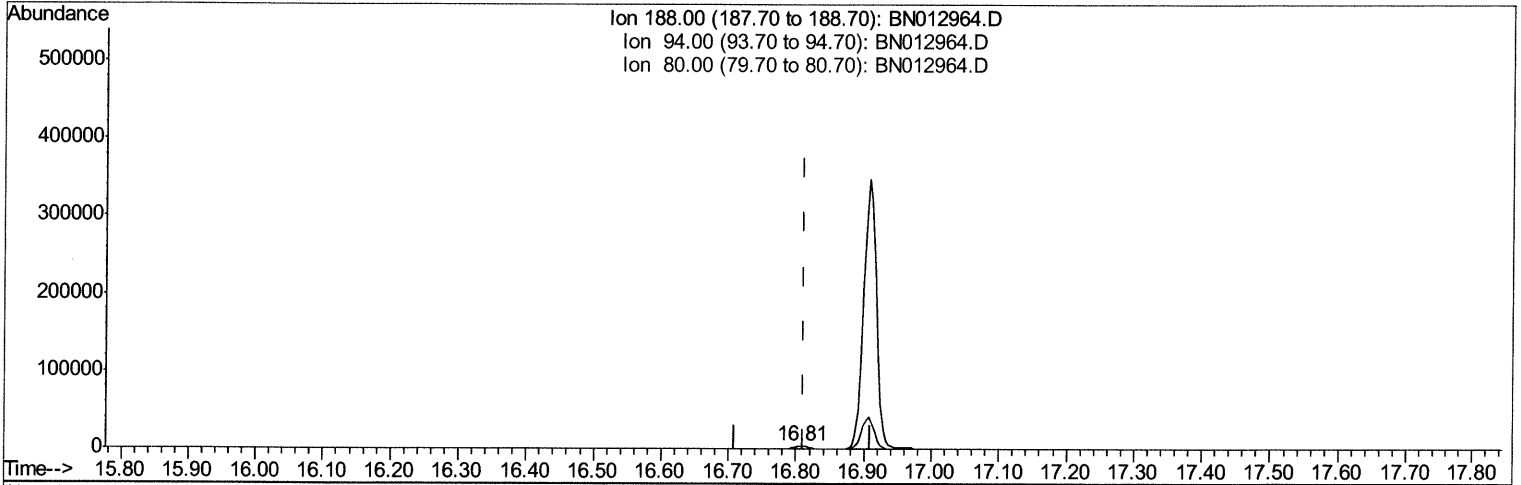
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN120720\  
 Data File : BN012964.D  
 Acq On : 08 Dec 2020 06:44  
 Operator : CG/JU  
 Sample : L4862-02  
 Misc :  
 ALS Vial : 33 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampled :  
 C0AZ1

Manual Integrations  
**APPROVED**  
 mohammad  
 12/9/2020 12:24:20 PM

Quant Time: Dec 08 11:46:05 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN120320.M  
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TIC: BN012964.D

(10) Phenanthrene-d10 (I)

16.806min (-0.004) 0.40ng/ul m 12/09/20 JU

response 5377

Ion	Exp%	Act%
188.00	100	100
94.00	11.40	11.75
80.00	12.40	14.78
0.00	0.00	0.00

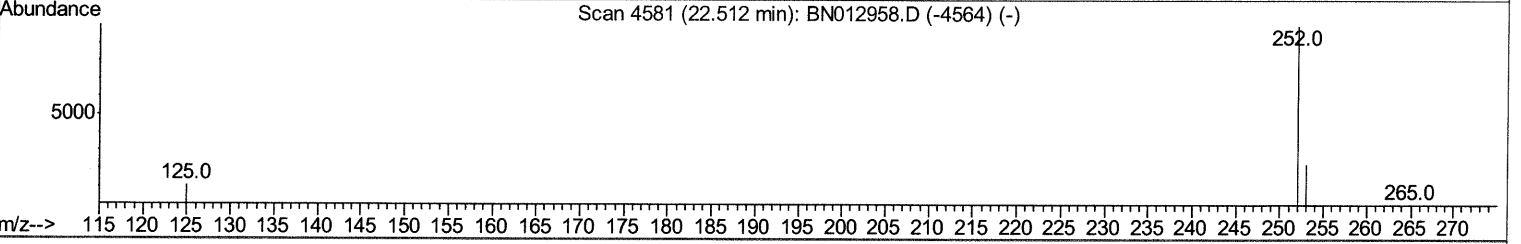
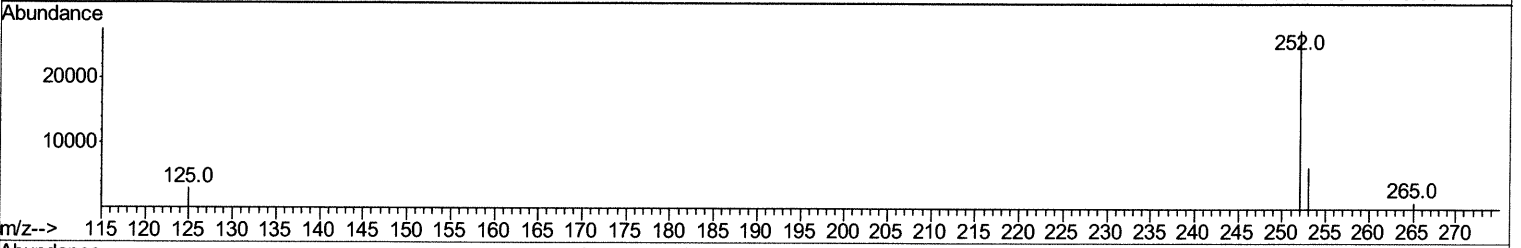
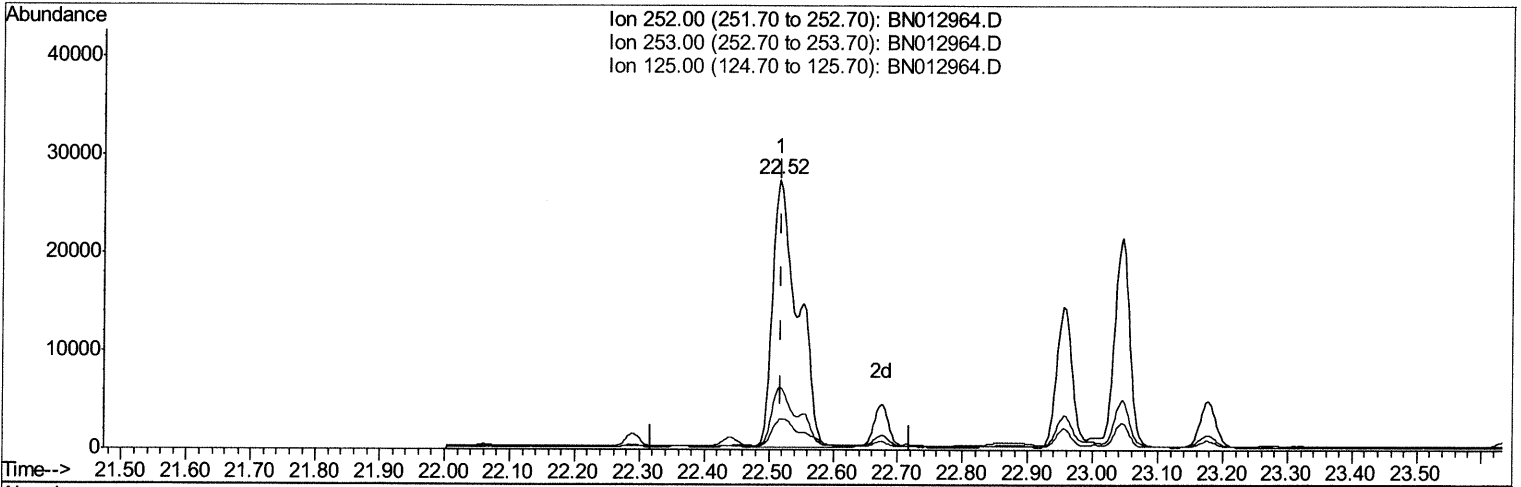
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN120720\  
 Data File : BN012964.D  
 Acq On : 08 Dec 2020 06:44  
 Operator : CG/JU  
 Sample : L4862-02  
 Misc :  
 ALS Vial : 33 Sample Multiplier: 1

**Instrument :**  
 BNA\_N  
**ClientSampled :**  
 C0AZ1

**Manual Integrations**  
**APPROVED**  
 mohammad  
 12/9/2020 12:24:20 PM

Quant Time: Dec 08 11:47:12 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN120320.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Dec 07 12:24:06 2020  
 Response via : Initial Calibration



TIC: BN012964.D

(21) Benzo(b)fluoranthene  
 22.516min (-0.003) 4.82ng/ul  
 response 74506

Ion	Exp%	Act%
252.00	100	100
253.00	29.80	23.27
125.00	13.00	11.23
0.00	0.00	0.00

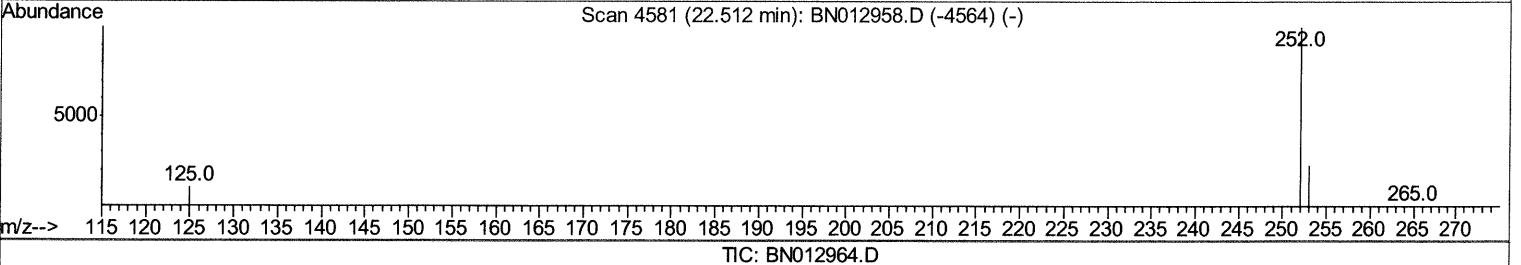
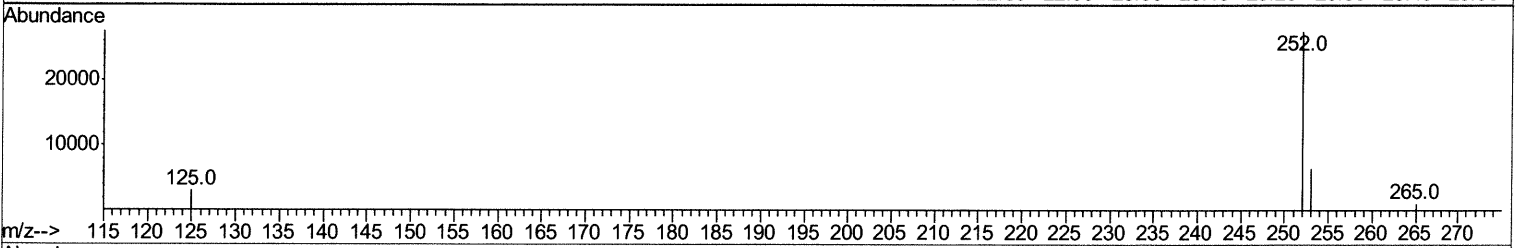
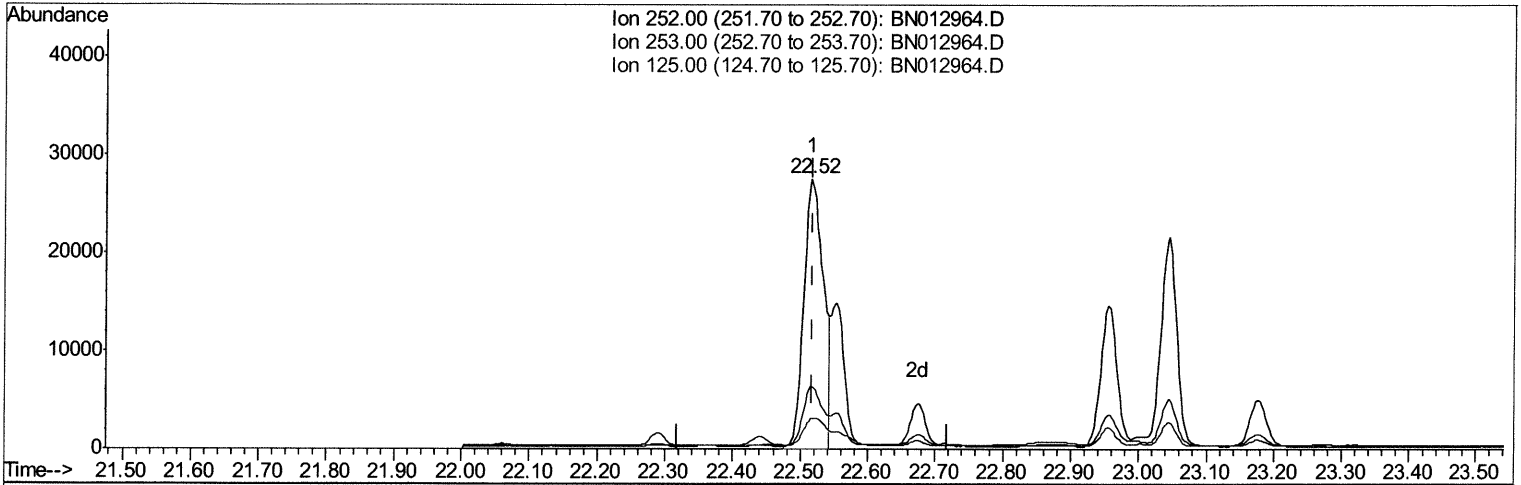
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN120720\  
 Data File : BN012964.D  
 Acq On : 08 Dec 2020 06:44  
 Operator : CG/JU  
 Sample : L4862-02  
 Misc :  
 ALS Vial : 33 Sample Multiplier: 1

**Instrument :**  
 BNA\_N  
**ClientSampled :**  
 C0AZ1

**Manual Integrations**  
**APPROVED**  
 mohammad  
 12/9/2020 12:24:20 PM

Quant Time: Dec 08 11:47:12 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN120320.M  
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 QLast Update : Mon Dec 07 12:24:06 2020  
 Response via : Initial Calibration



TIC: BN012964.D

(21) Benzo(b)fluoranthene

22.516min (-0.003) 3.59ng/ul m 12/09/20 JU

response 55505

Ion	Exp%	Act%
252.00	100	100
253.00	29.80	23.27
125.00	13.00	11.23
0.00	0.00	0.00

Quantitation Report (Qedit)

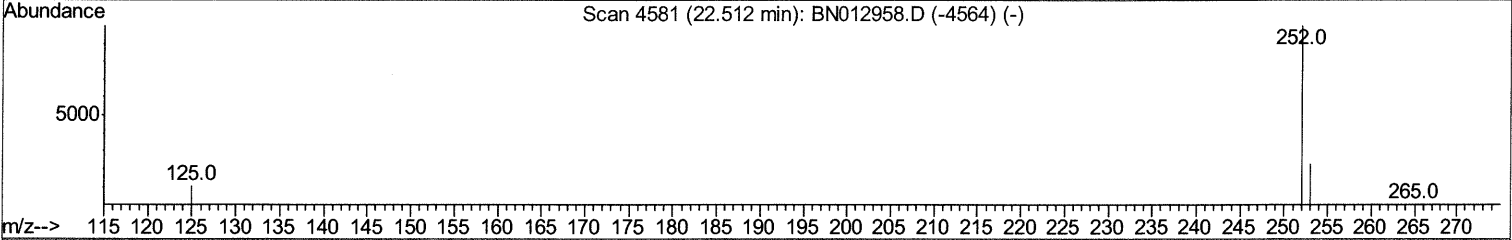
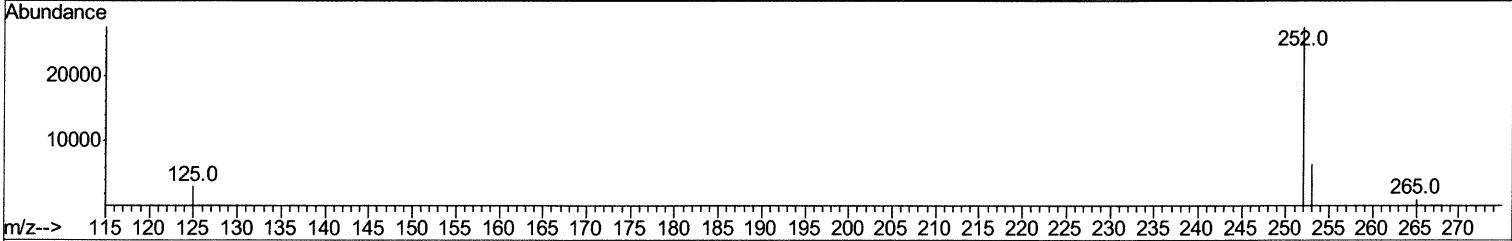
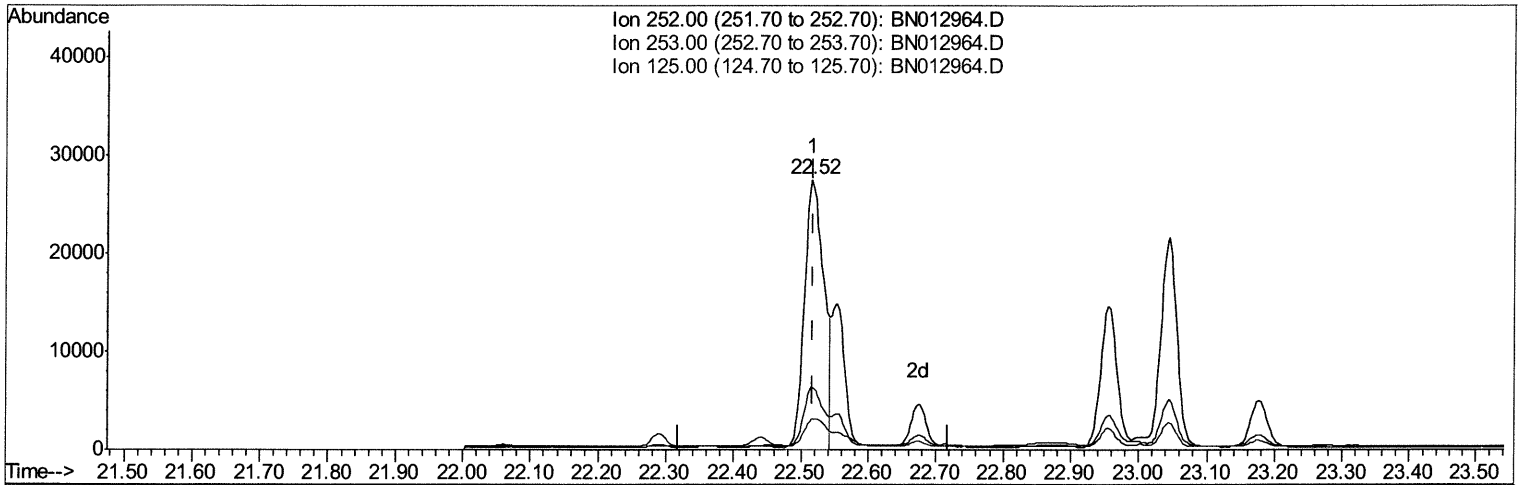
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN120720\  
 Data File : BN012964.D  
 Acq On : 08 Dec 2020 06:44  
 Operator : CG/JU  
 Sample : L4862-02  
 Misc :  
 ALS Vial : 33 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampled :  
 C0AZ1

Manual Integrations  
 APPROVED

mohammad  
 12/9/2020 12:24:20 PM

Quant Time: Dec 08 11:47:12 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN120320.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Dec 07 12:24:06 2020  
 Response via : Initial Calibration



TIC: BN012964.D

(21) Benzo(b)fluoranthene

22.516min (-0.003) 3.59ng/ul m 12/04/2024

response 55505

Ion	Exp%	Act%
252.00	100	100
253.00	29.80	23.27
125.00	13.00	11.23
0.00	0.00	0.00

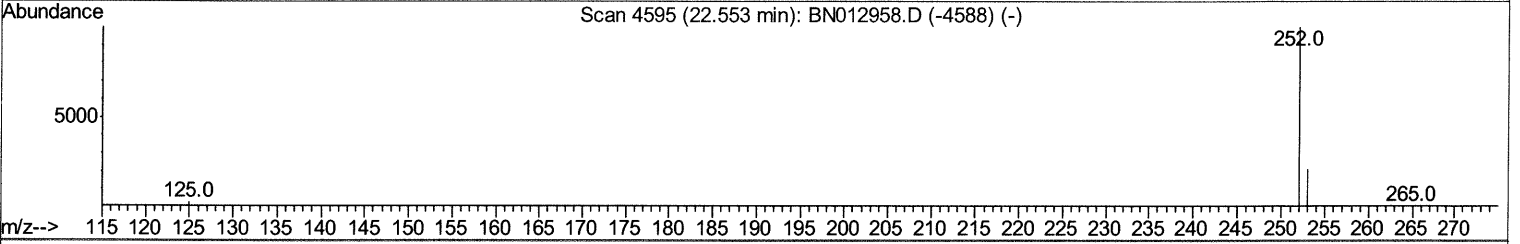
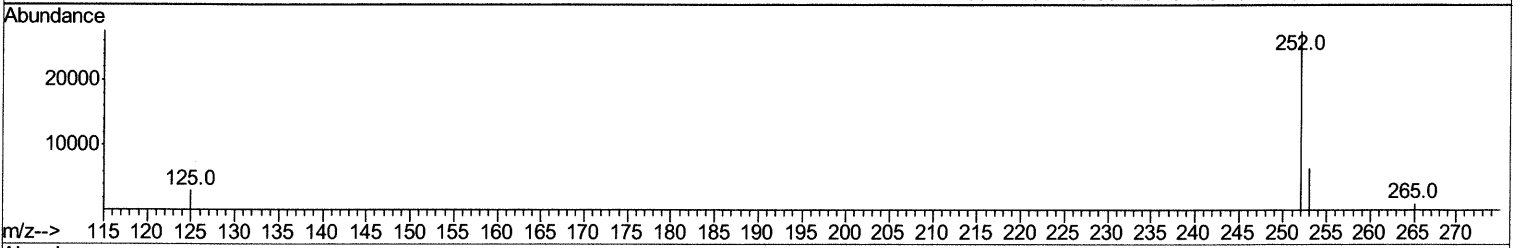
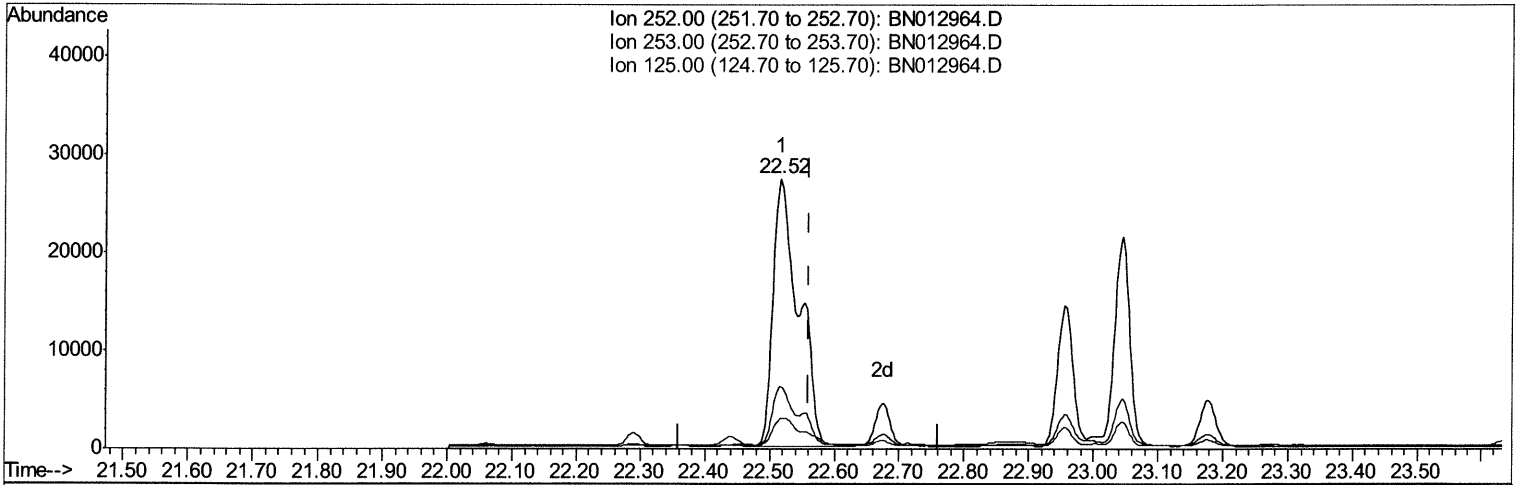
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN120720\  
 Data File : BN012964.D  
 Acq On : 08 Dec 2020 06:44  
 Operator : CG/JU  
 Sample : L4862-02  
 Misc :  
 ALS Vial : 33 Sample Multiplier: 1

**Instrument :**  
 BNA\_N  
**ClientSampled :**  
 C0AZ1

**Manual Integrations**  
**APPROVED**  
 mohammad  
 12/9/2020 12:24:20 PM

Quant Time: Dec 08 11:47:12 2020  
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Dec 07 12:24:06 2020  
 Response via : Initial Calibration



TIC: BN012964.D

(22) Benzo(k)fluoranthene  
 22.516min (-0.044) 4.36ng/ul  
 response 74506

Ion	Exp%	Act%
252.00	100	100
253.00	29.30	23.27#
125.00	13.90	11.23
0.00	0.00	0.00

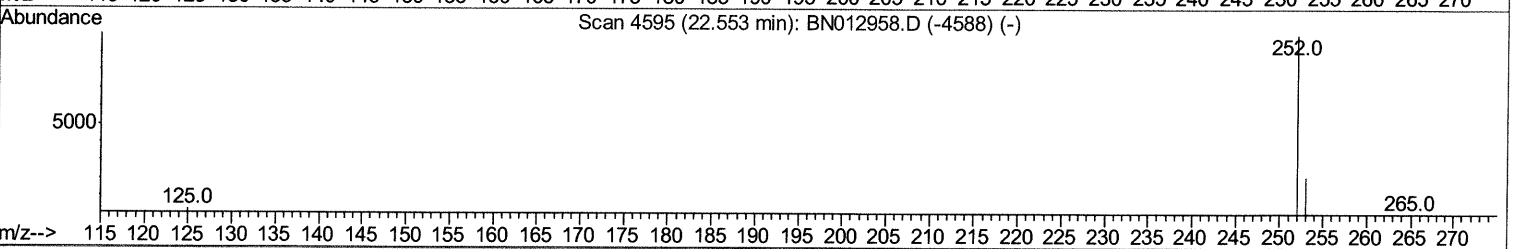
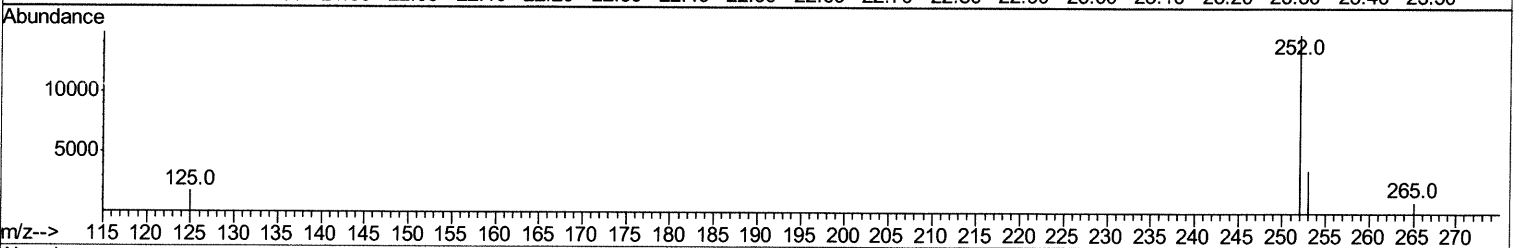
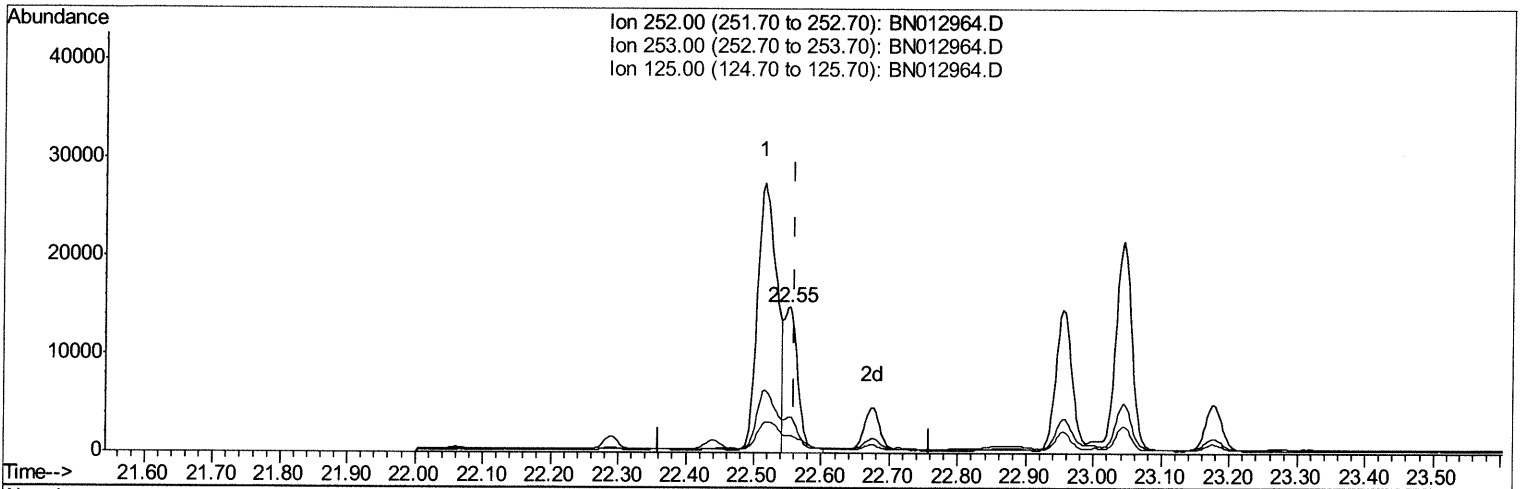
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN120720\  
 Data File : BN012964.D  
 Acq On : 08 Dec 2020 06:44  
 Operator : CG/JU  
 Sample : L4862-02  
 Misc :  
 ALS Vial : 33 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampled :  
 C0AZ1

Manual Integrations  
**APPROVED**  
 mohammad  
 12/9/2020 12:24:20 PM

Quant Time: Dec 08 11:47:12 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN120320.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Dec 07 12:24:06 2020  
 Response via : Initial Calibration



TIC: BN012964.D

(22) Benzo(k)fluoranthene

22.554min (-0.006) 1.23ng/ul m (12/09/2020)

response 20961

Ion	Exp%	Act%
252.00	100	100
253.00	29.30	24.55
125.00	13.90	12.05
0.00	0.00	0.00



Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN120720\  
 Data File : BN012964.D  
 Acq On : 08 Dec 2020 06:44  
 Operator : CG/JU  
 Sample : L4862-02  
 Misc :  
 ALS Vial : 33 Sample Multiplier: 1

**Instrument :**  
 BNA\_N  
**ClientSampled :**  
 C0AZ1

**Manual Integrations**  
**APPROVED**  
 mohammad  
 12/9/2020 12:24:20 PM

Quant Time: Dec 08 11:48:40 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN120320.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Dec 07 12:24:06 2020  
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	1087	0.40	ng/ul	0.00
2) Naphthalene-d8	10.15	136	4324	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.05	164	2525	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.81	188	5377m >	0.40	ng/ul >	0.00 (12/09/2020)
16) Chrysene-d12	21.03	240	4135	0.40	ng/ul	0.00
20) Perylene-d12	23.13	264	3340	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.75	152	2173	0.34	ng/ul	0.00
14) Fluoranthene-d10	18.85	212	4439	0.30	ng/ul	0.00
Target Compounds						
3) Naphthalene	10.20	128	4775	0.382	ng/ul	94
5) 2-Methylnaphthalene	11.83	142	3344	0.407	ng/ul	98
7) Acenaphthylene	13.76	152	2145	0.179	ng/ul	98
8) Acenaphthene	14.11	153	3694	0.377	ng/ul	98
9) Fluorene	15.11	166	5622	0.500	ng/ul	97
12) Phenanthrene	16.85	178	86685	4.808	ng/ul	96
13) Anthracene	16.94	178	17447	1.137	ng/ul	94
15) Fluoranthene	18.88	202	118338	5.524	ng/ul	97
17) Pyrene	19.25	202	95974	4.914	ng/ul	100
18) Benzo(a)anthracene	21.02	228	48194	2.817	ng/ul	99
19) Chrysene	21.07	228	48240	2.552	ng/ul	98
21) Benzo(b)fluoranthene	22.52	252	55505m }	3.592	ng/ul }	12/09/2020
22) Benzo(k)fluoranthene	22.55	252	20961m }	1.227	ng/ul }	
23) Benzo(a)pyrene	23.05	252	35094	2.448	ng/ul#	85
24) Indeno(1,2,3-cd)pyrene	25.19	276	21252	1.128	ng/ul#	97
25) Dibenzo(a,h)anthracene	25.19	278	5632	0.378	ng/ul#	96
26) Benzo(a,h,i)perylene	25.82	276	19812	1.163	ng/ul	97

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