

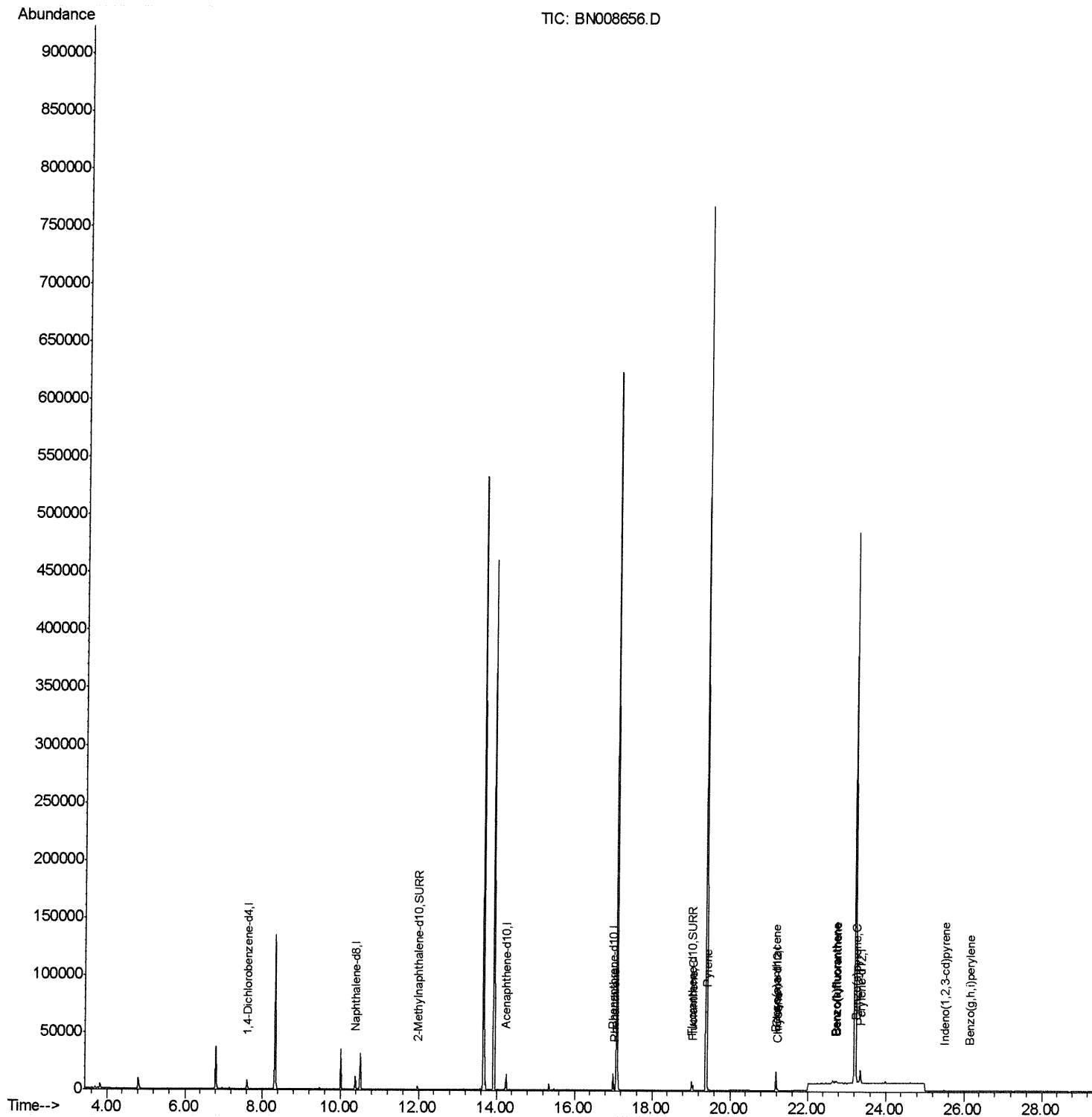
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112019\
Data File : BN008656.D
Acq On : 20 Nov 2019 12:31
Operator : JU
Sample : K5784-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
JLNA8

Manual Integrations
APPROVED

mohammad
11/21/2019 1:05:52 PM

Quant Time: Nov 20 13:12:50 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 : Wed Nov 20 04:45:41 2019
Response via : Initial Calibration



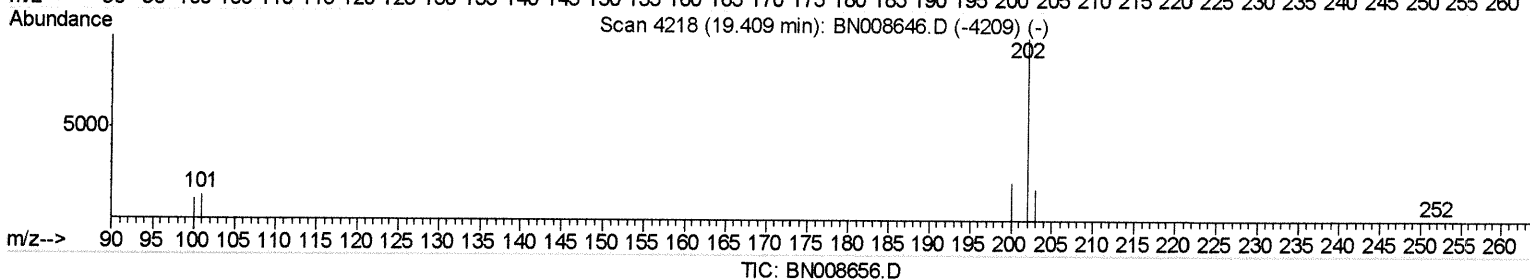
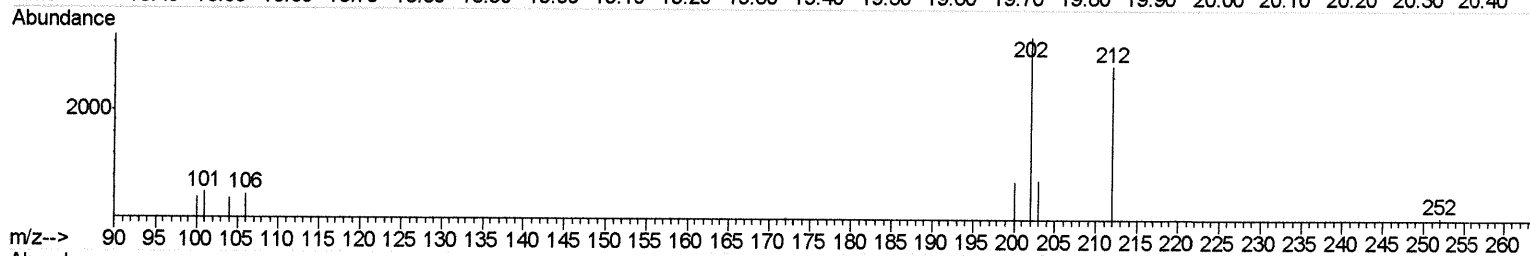
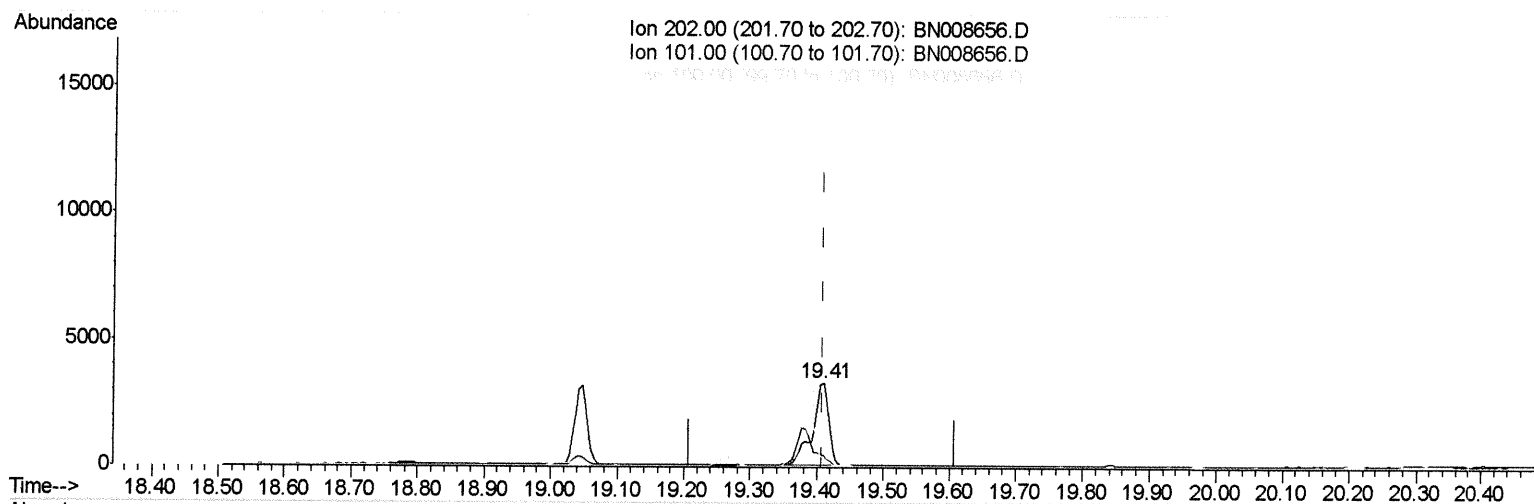
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Manual Integrations
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mohammad
11/21/2019 1:05:52 PM

Quant Time: Nov 20 13:10:44 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 : Wed Nov 20 04:45:41 2019
Response via : Initial Calibration



(17) Pyrene

19.409min (+0.000) 0.10ng/ul

response 5575

Ion	Exp%	Act%
202.00	100	100
101.00	12.70	15.34#
100.00	10.20	12.44#
0.00	0.00	0.00

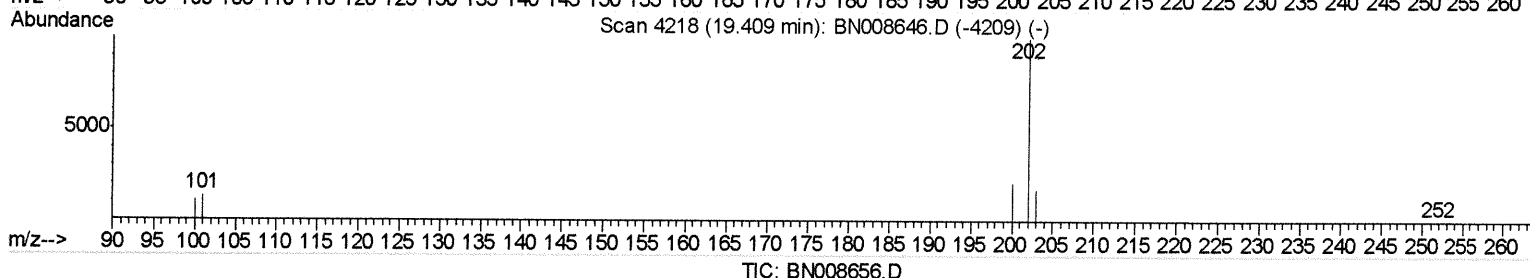
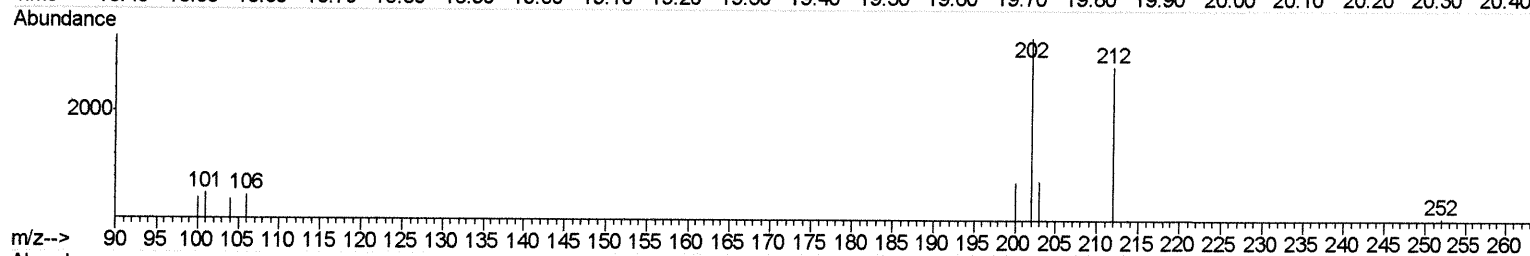
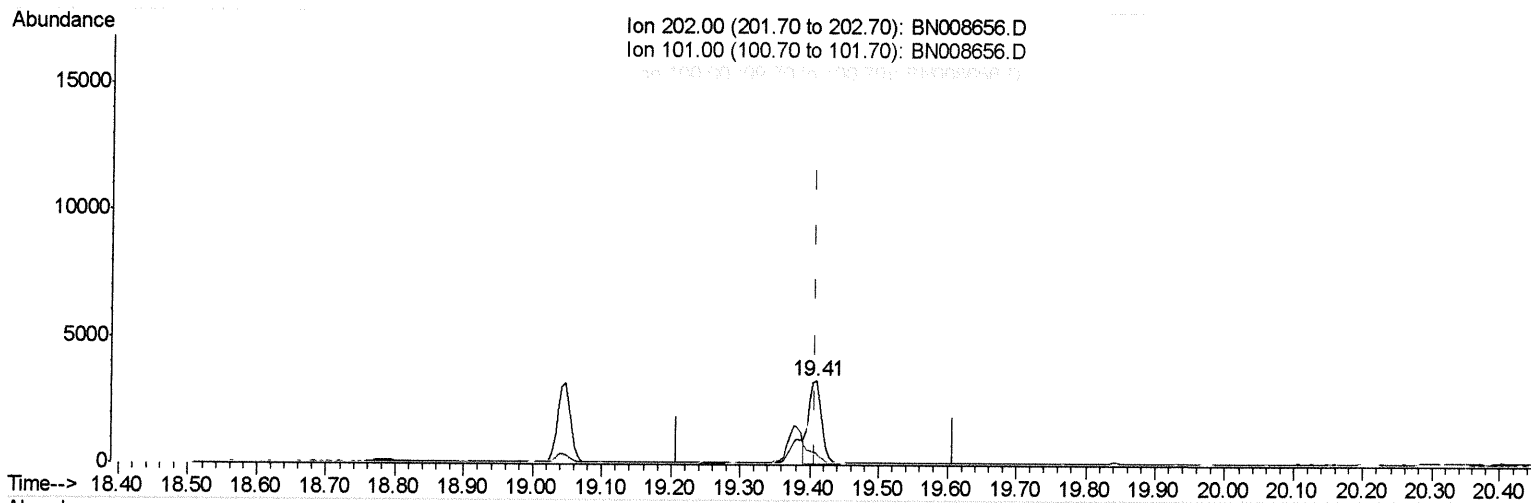
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112019\
Data File : BN008656.D
Acq On : 20 Nov 2019 12:31
Operator : JU
Sample : K5784-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
JLNA8

Manual Integrations
APPROVED

mohammad
11/21/2019 1:05:52 PM

Quant Time: Nov 20 13:10:44 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 : Wed Nov 20 04:45:41 2019
Response via : Initial Calibration



(17) Pyrene

19.409min (+0.000) 0.08ng/ul m JU 11/25/19

response 4307

Ion	Exp%	Act%
202.00	100	100
101.00	12.70	15.34#
100.00	10.20	12.44#
0.00	0.00	0.00

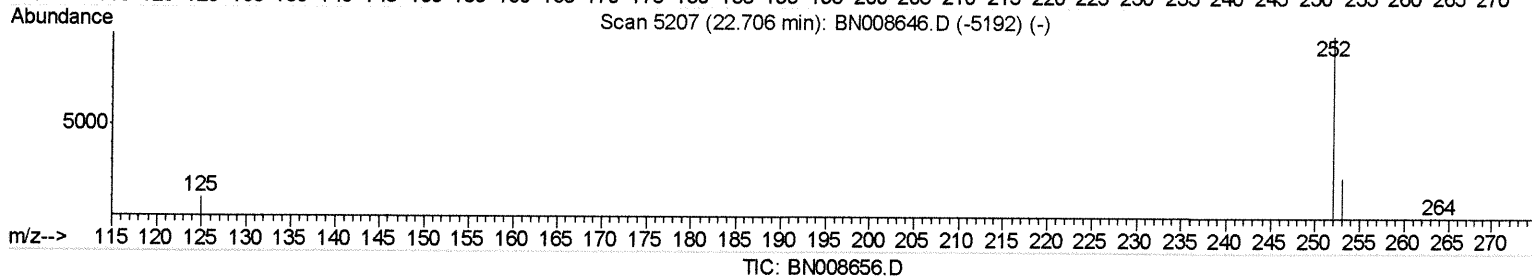
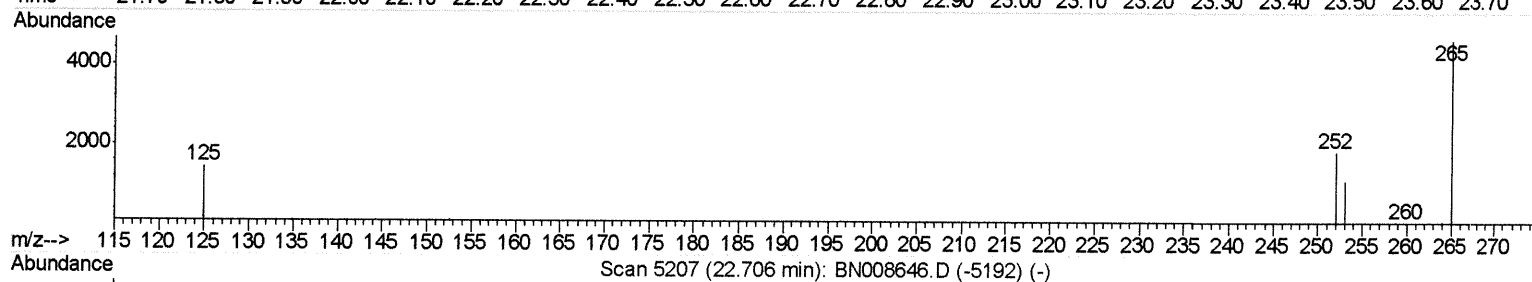
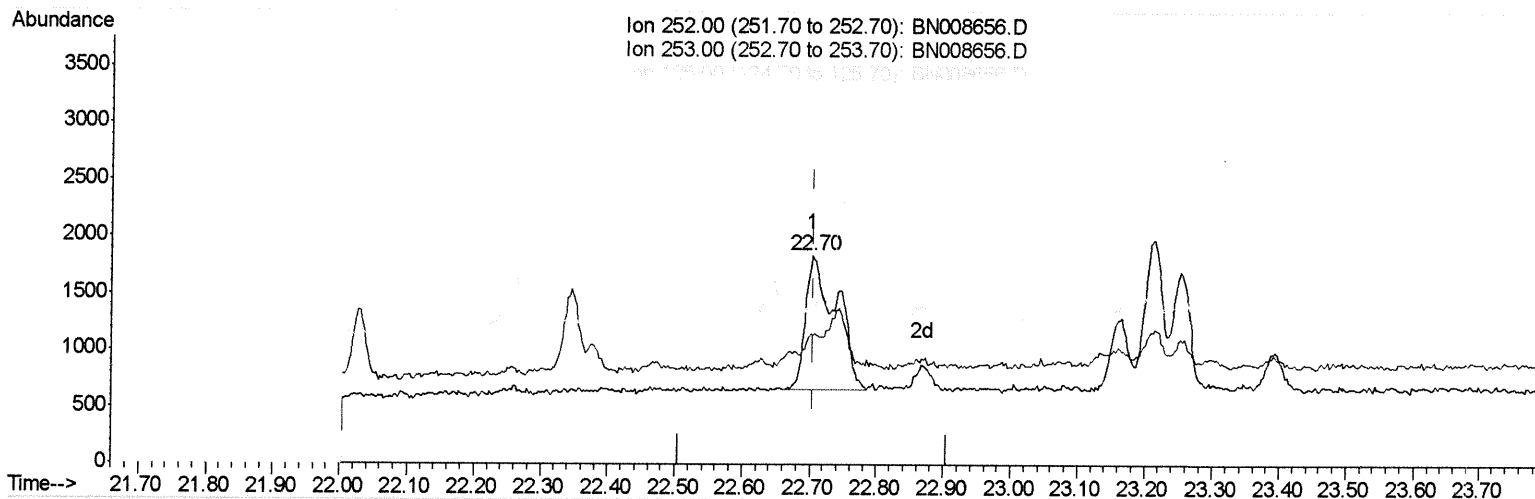
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112019\
Data File : BN008656.D
Acq On : 20 Nov 2019 12:31
Operator : JU
Sample : K5784-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampled :
JLNA8

Manual Integrations
APPROVED

mohammad
11/21/2019 1:05:52 PM

Quant Time: Nov 20 13:10:44 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 : Wed Nov 20 04:45:41 2019
Response via : Initial Calibration



(21) Benzo(b)fluoranthene

22.703min (-0.003) 0.07ng/ui

response 3799

Ion	Exp%	Act%
252.00	100	100
253.00	25.10	61.29#
125.00	15.00	78.23#
0.00	0.00	0.00

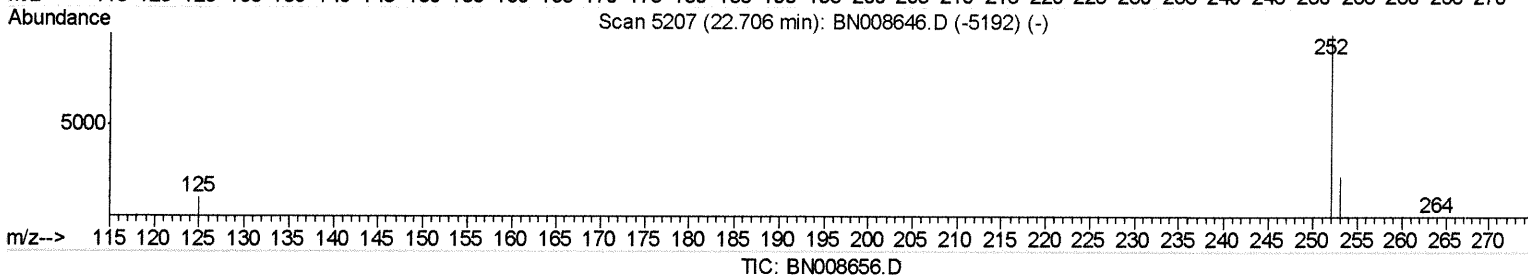
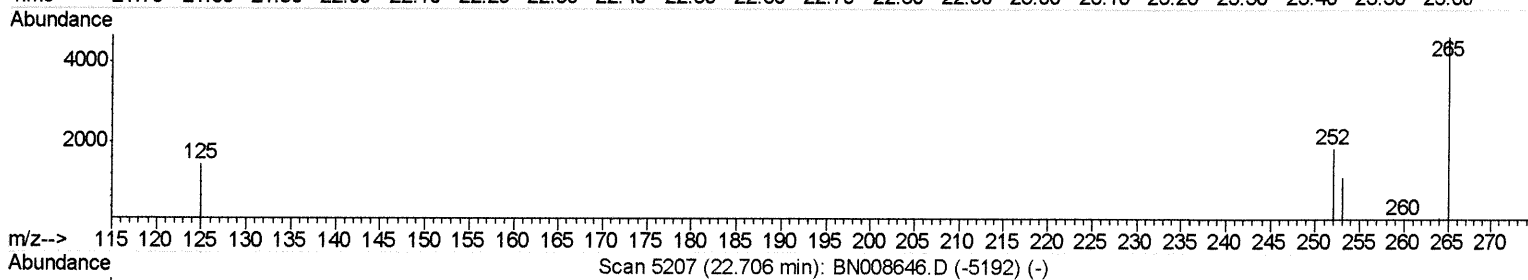
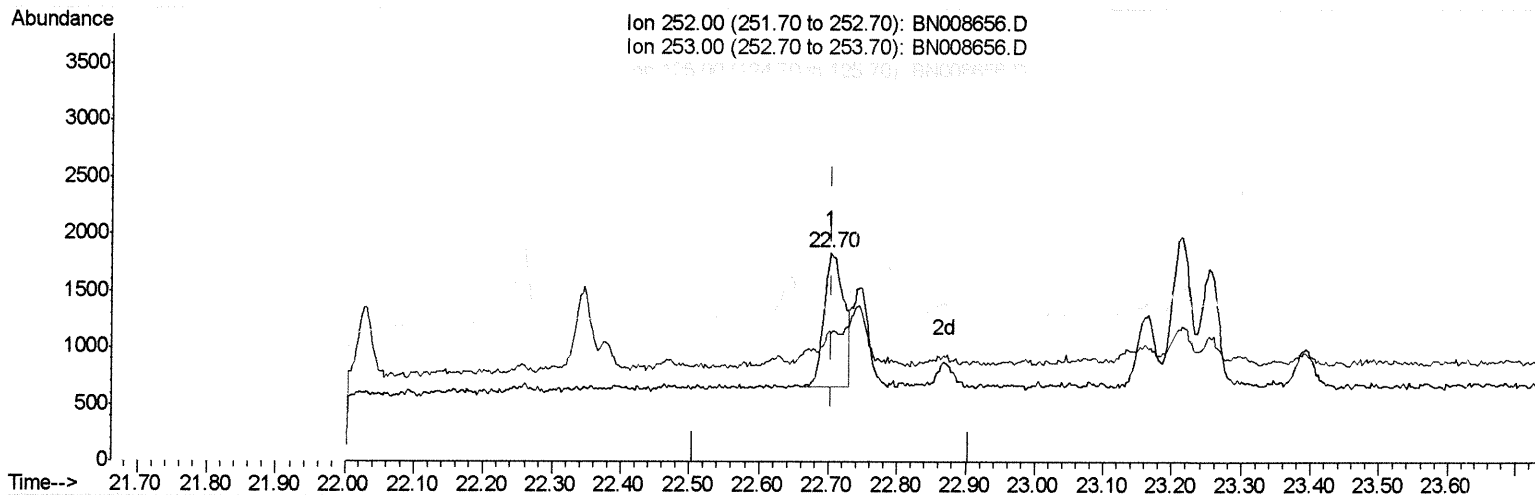
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112019\
Data File : BN008656.D
Acq On : 20 Nov 2019 12:31
Operator : JU
Sample : K5784-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
JLNA8

Manual Integrations
APPROVED

mohammad
11/21/2019 1:05:52 PM

Quant Time: Nov 20 13:10:44 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 : Wed Nov 20 04:45:41 2019
Response via : Initial Calibration



(21) Benzo(b)fluoranthene

22.703min (-0.003) 0.04ng/ul m JU 11/25/19

response 2393

Ion	Exp%	Act%
252.00	100	100
253.00	25.10	61.29#
125.00	15.00	78.23#
0.00	0.00	0.00

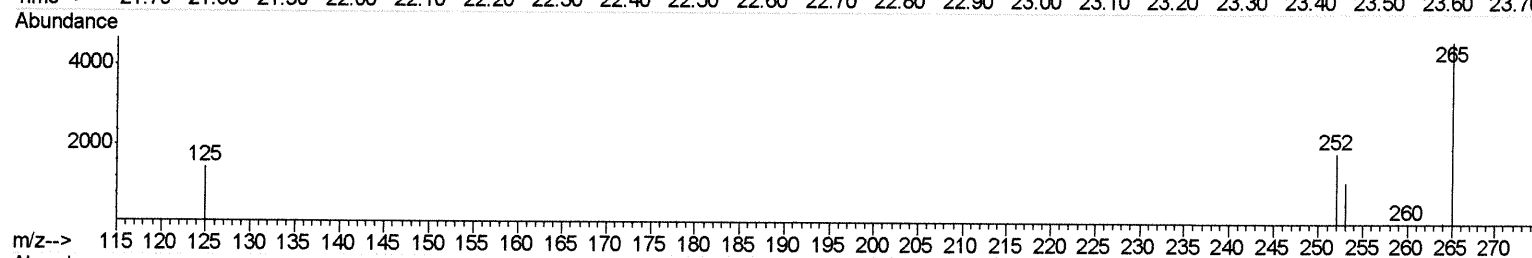
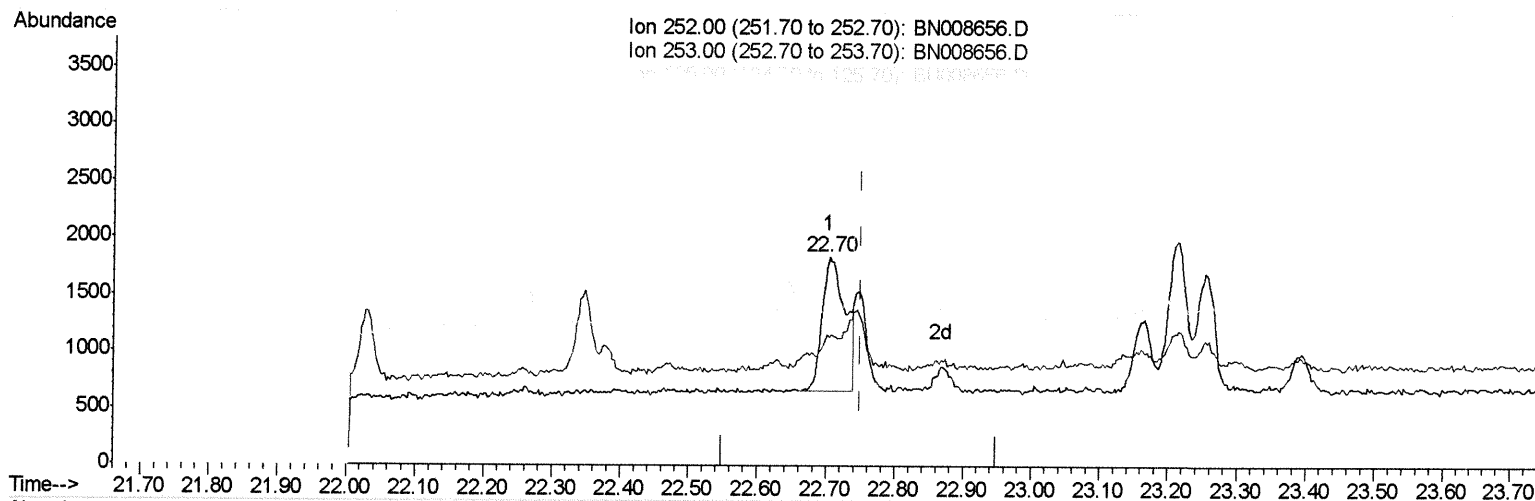
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112019\
Data File : BN008656.D
Acq On : 20 Nov 2019 12:31
Operator : JU
Sample : K5784-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampled :
JLNA8

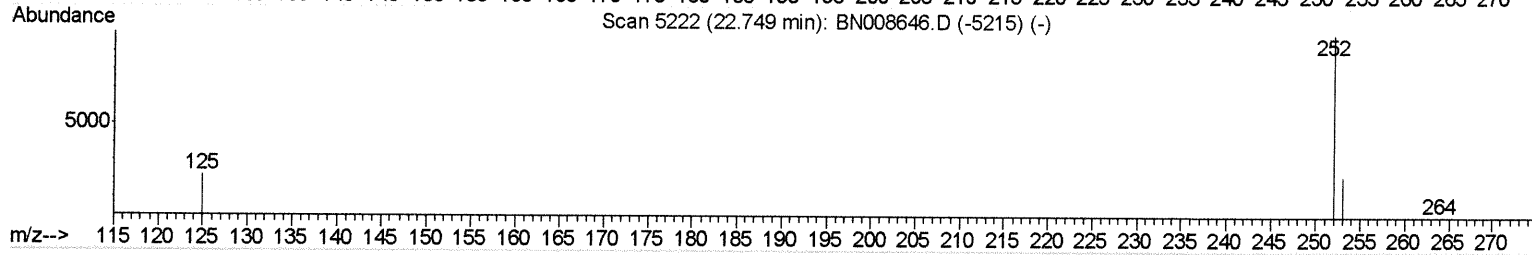
Manual Integrations
APPROVED

mohammad
11/21/2019 1:05:52 PM

Quant Time: Nov 20 13:10:44 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 : Wed Nov 20 04:45:41 2019
Response via : Initial Calibration



Scan 5222 (22.749 min): BN008646.D (-5215) (-)



TIC: BN008656.D

(22) Benzo(k)fluoranthene

22.703min (-0.047) 0.05ng/ul

response 2756

Ion	Exp%	Act%
252.00	100	100
253.00	25.60	61.29#
125.00	18.70	78.23#
0.00	0.00	0.00

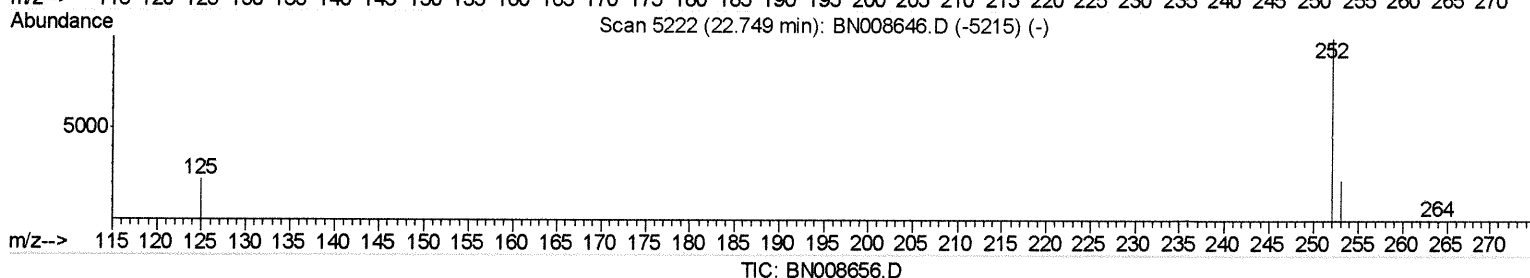
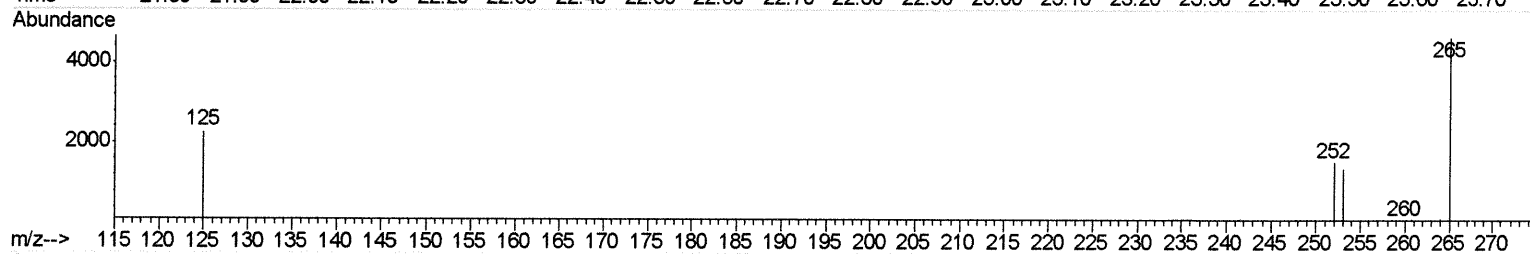
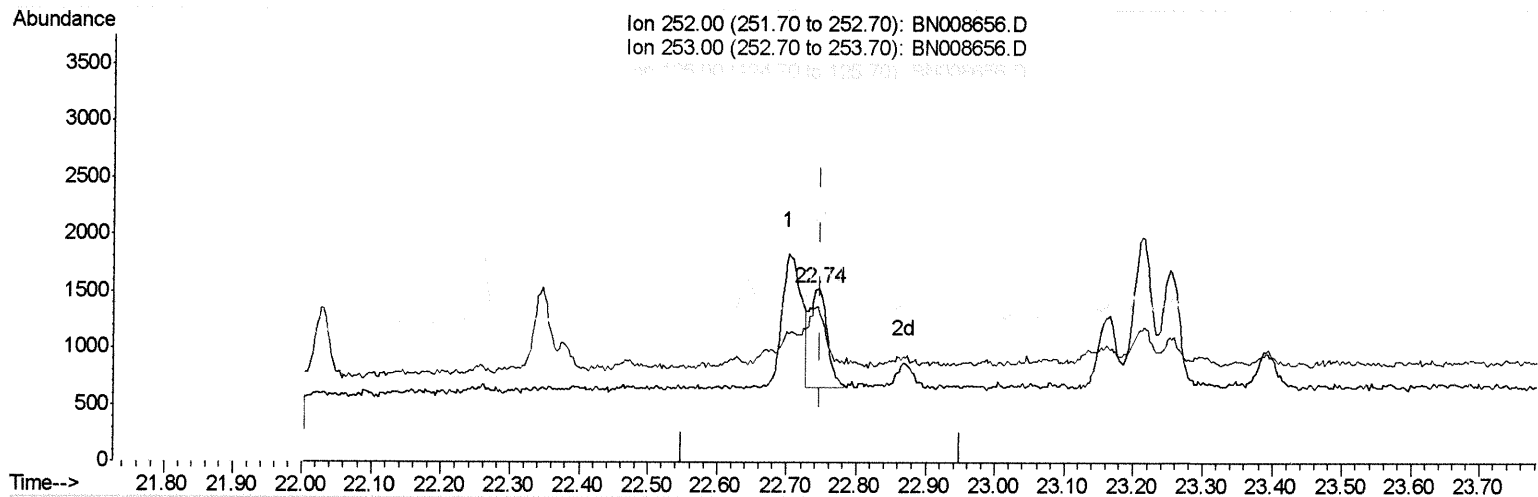
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112019\
Data File : BN008656.D
Acq On : 20 Nov 2019 12:31
Operator : JU
Sample : K5784-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
JLNA8

Manual Integrations
APPROVED

mohammad
11/21/2019 1:05:52 PM

Quant Time: Nov 20 13:10:44 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 : Wed Nov 20 04:45:41 2019
Response via : Initial Calibration



(22) Benzo(k)fluoranthene

22.744min (-0.006) 0.03ng/ul m JU 11/25/19

response 1552

Ion	Exp%	Act%
252.00	100	100
253.00	25.60	89.61#
125.00	18.70	148.24#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112019\
 Data File : BN008656.D
 Acq On : 20 Nov 2019 12:31
 Operator : JU
 Sample : K5784-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 JLNA8

Manual Integrations
 APPROVED

mohammad
 11/21/2019 1:05:52 PM

Quant Time: Nov 20 13:12:50 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 : Wed Nov 20 04:45:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	3840	0.40	ng/ul	0.00
2) Naphthalene-d8	10.37	136	14102	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.24	164	7717	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.98	188	15955	0.40	ng/ul	0.00
16) Chrysene-d12	21.18	240	13318	0.40	ng/ul	0.00
20) Perylene-d12	23.35	264	13658	0.40	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	11.97	152	4010	0.17	ng/ul	0.00
14) Fluoranthene-d10	19.01	212	8610	0.18	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
12) Phenanthrene	17.03	178	2851	0.053	ng/ul	95
15) Fluoranthene	19.05	202	4144	0.063	ng/ul	91
17) Pyrene	19.41	202	4307m >	0.081	ng/ul	JU 11/25/19
18) Benzo(a)anthracene	21.16	228	2160	0.040	ng/ul#	89
19) Chrysene	21.21	228	2315	0.044	ng/ul#	89
21) Benzo(b)fluoranthene	22.70	252	2393m }	0.042	ng/ul	JU 11/25/19
22) Benzo(k)fluoranthene	22.74	252	1552m }	0.028	ng/ul	JU 11/25/19
23) Benzo(a)pyrene	23.25	252	1631	0.031	ng/ul#	1
24) Indeno(1,2,3-cd)pyrene	25.49	276	1265	0.020	ng/ul#	66
26) Benzo(g,h,i)perylene	26.14	276	1270	0.025	ng/ul#	35

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