

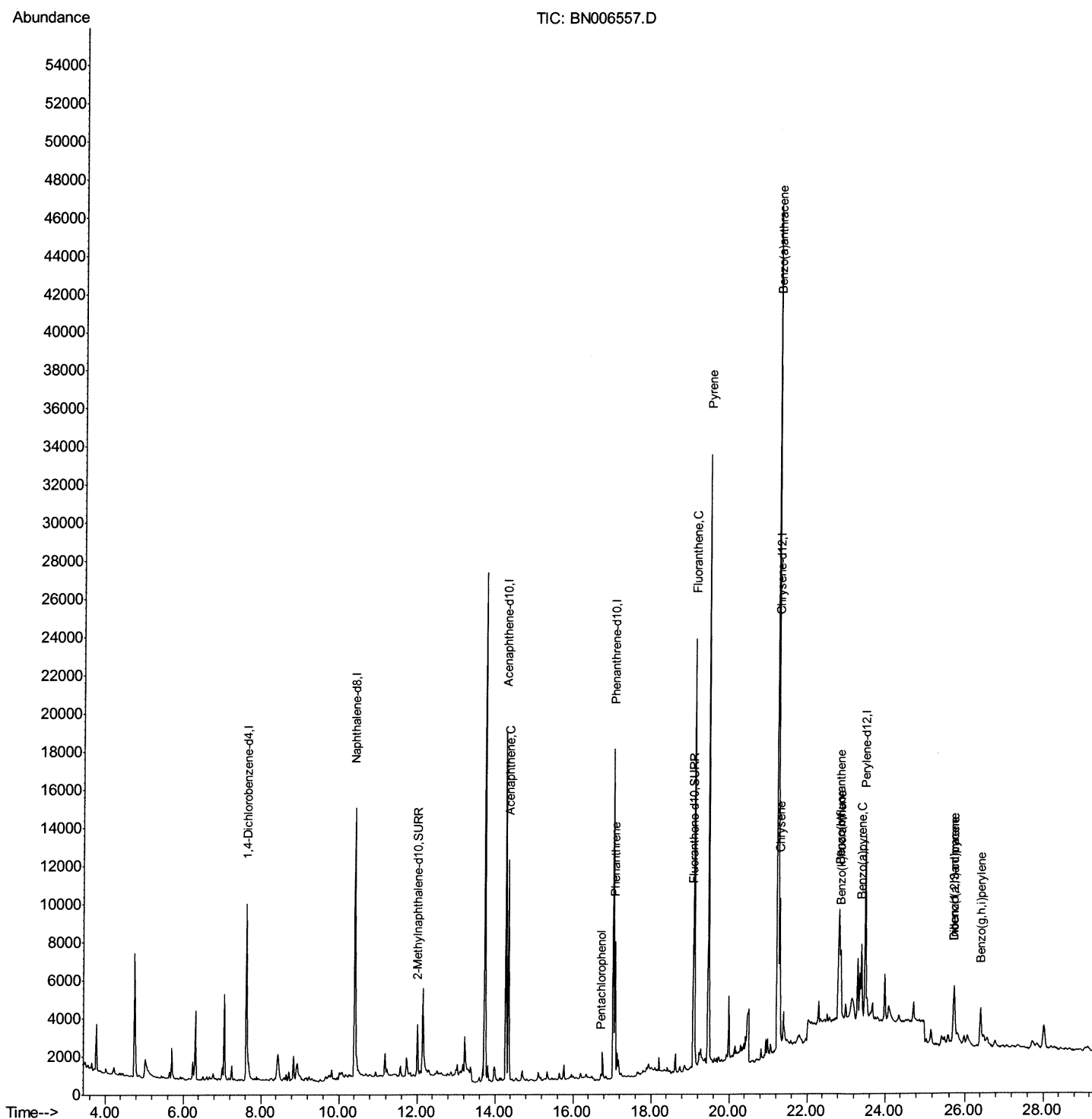
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062419\
Data File : BN006557.D
Acq On : 25 Jun 2019 06:25
Operator : HP/JU
Sample : K3388-04MS
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4216MS

Manual Integrations
APPROVED

mohammad
6/25/2019 10:21:28 PM

Quant Time: Jun 25 07:48:06 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN053019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 25 01:51:13 2019
Response via : Initial Calibration



Quantitation Report (Qedit)

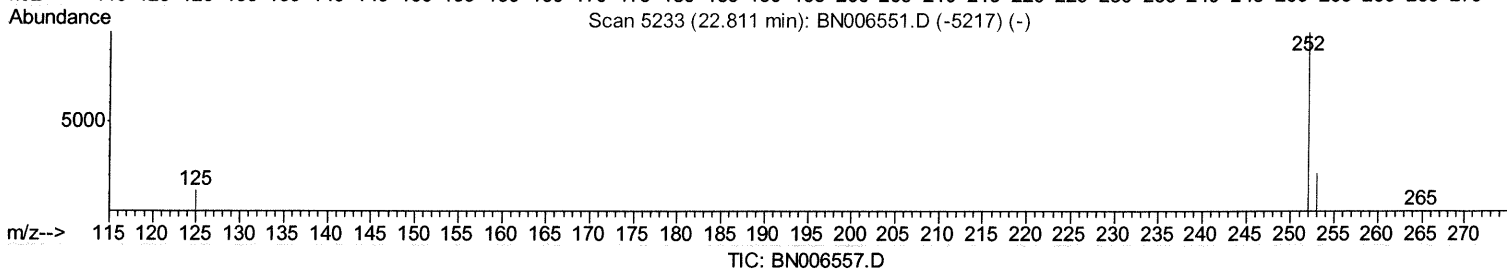
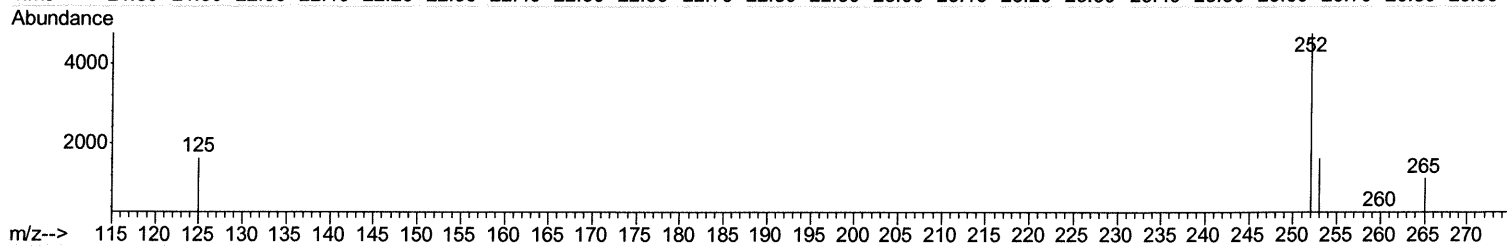
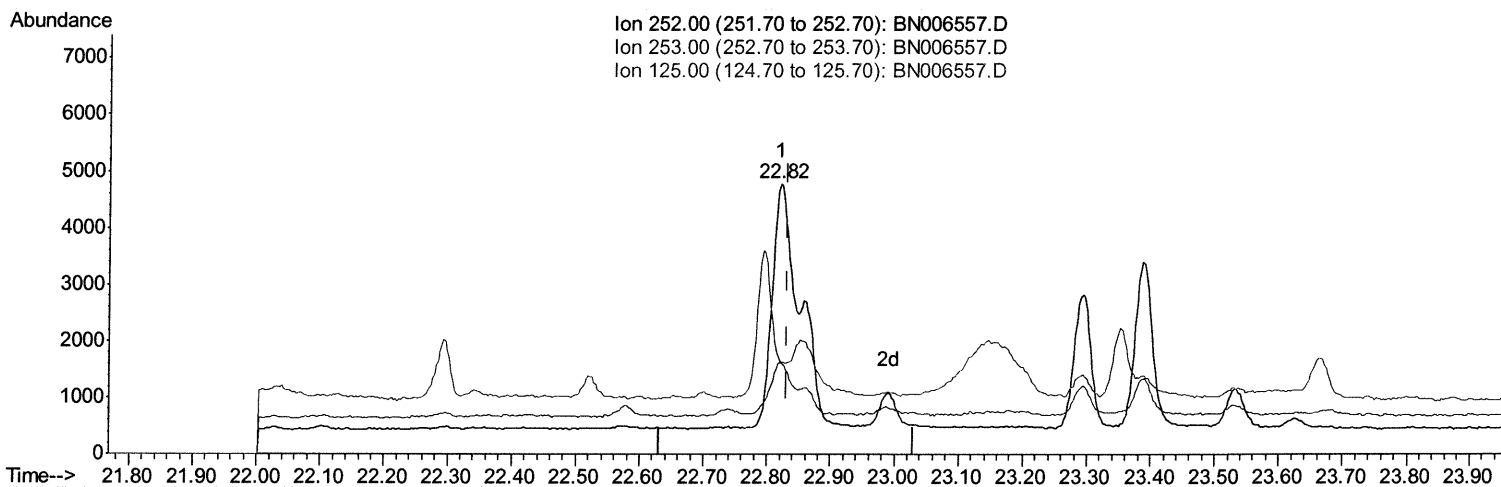
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062419\
Data File : BN006557.D
Acq On : 25 Jun 2019 06:25
Operator : HP/JU
Sample : K3388-04MS
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4216MS

Manual Integrations
APPROVED

mohammad
6/25/2019 10:21:28 PM

Quant Time: Jun 25 07:12:08 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN053019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 25 01:51:13 2019
Response via : Initial Calibration



(21) Benzo(b)fluoranthene

22.820min (-0.012) 0.25ng/ul

response 12984

Ion	Exp%	Act%
252.00	100	100
253.00	25.70	34.13
125.00	20.50	34.28
0.00	0.00	0.00

Quantitation Report (Qedit)

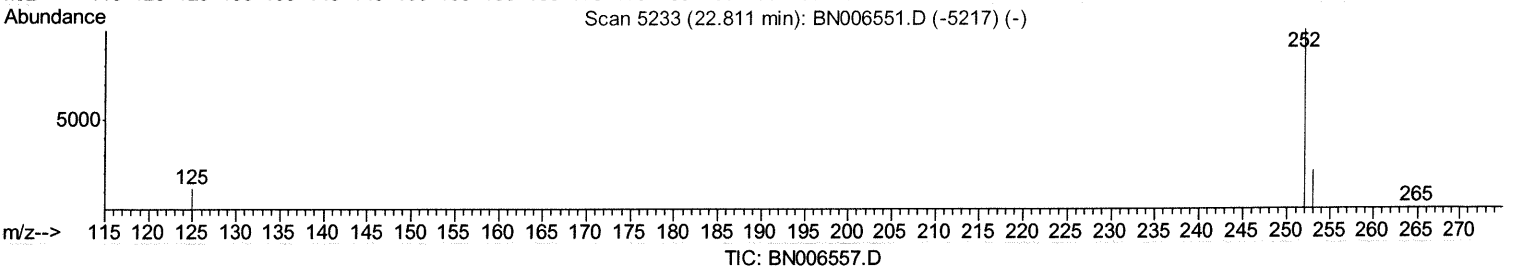
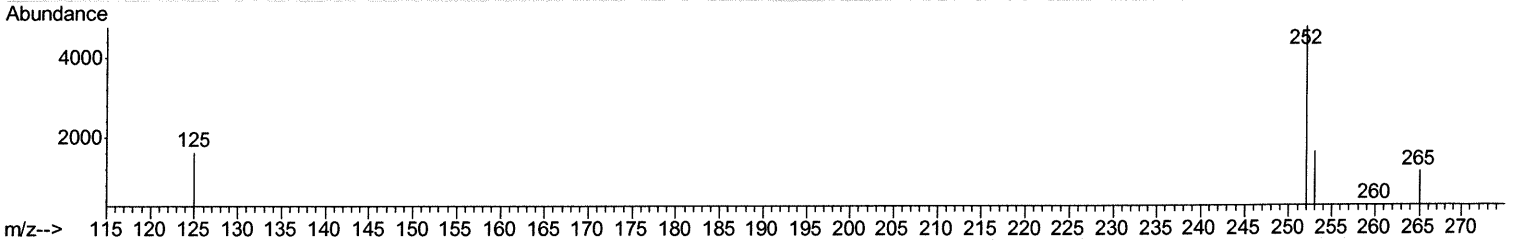
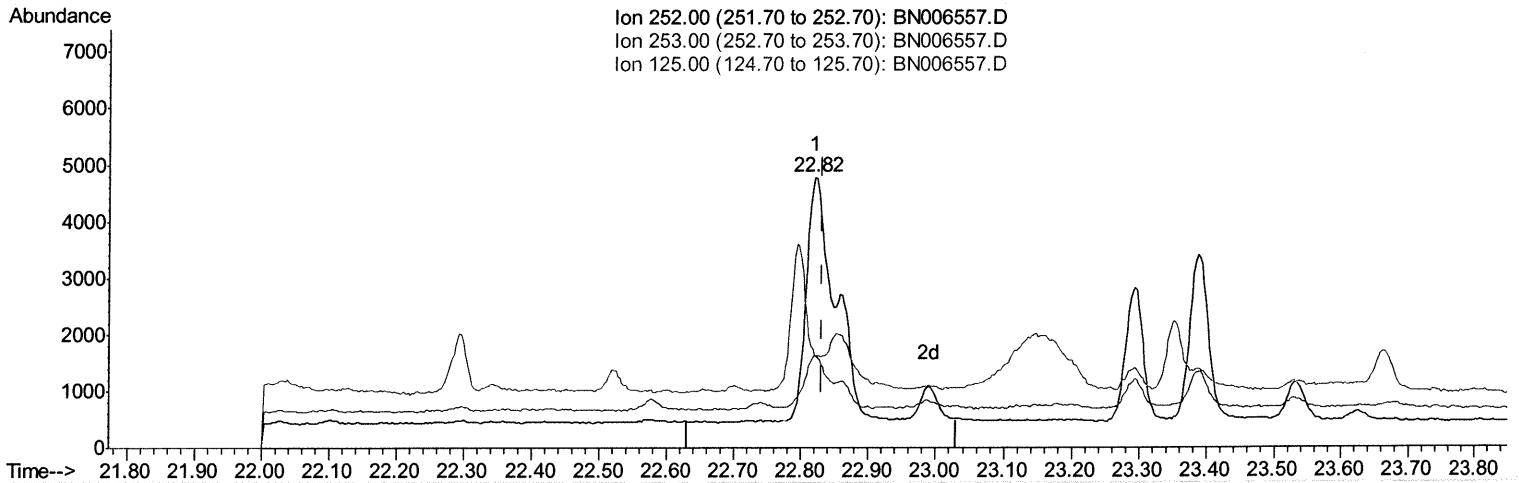
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062419\
 Data File : BN006557.D
 Acq On : 25 Jun 2019 06:25
 Operator : HP/JU
 Sample : K3388-04MS
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4216MS

Manual Integrations
 APPROVED

mohammad
 6/25/2019 10:21:28 PM

Quant Time: Jun 25 07:12:08 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN053019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 25 01:51:13 2019
 Response via : Initial Calibration



(21) Benzo(b)fluoranthene

22.820min (-0.012) 0.18ng/ul m

response 9441

Ion	Exp%	Act%
252.00	100	100
253.00	25.70	34.13
125.00	20.50	34.28
0.00	0.00	0.00

Quantitation Report (Qedit)

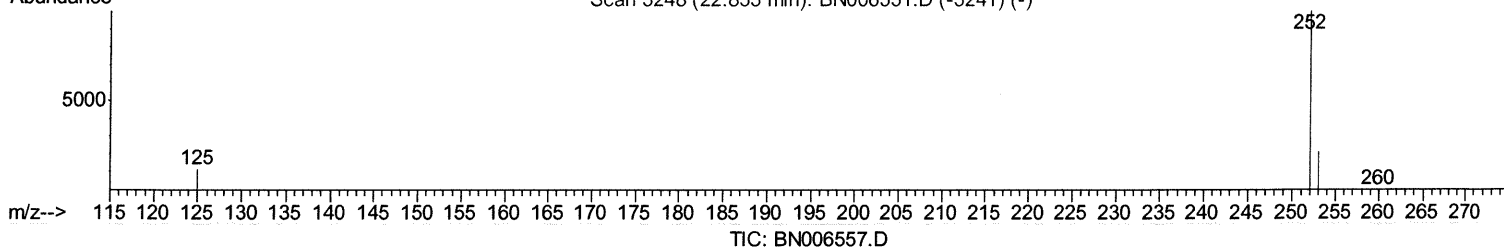
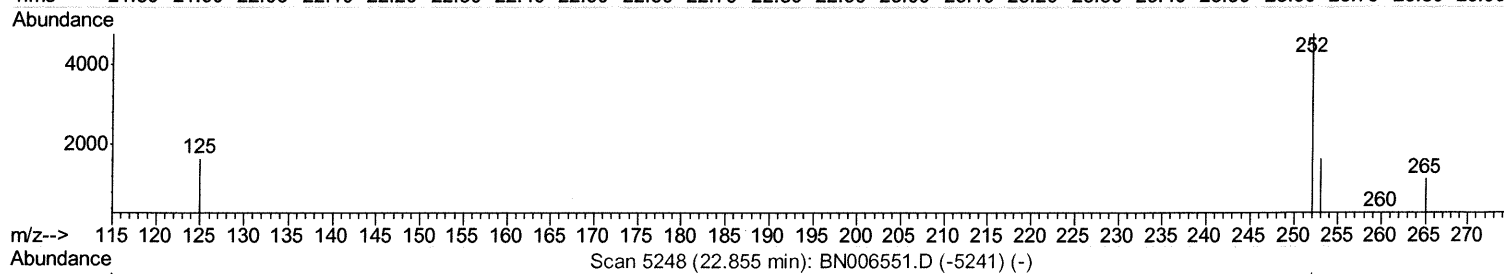
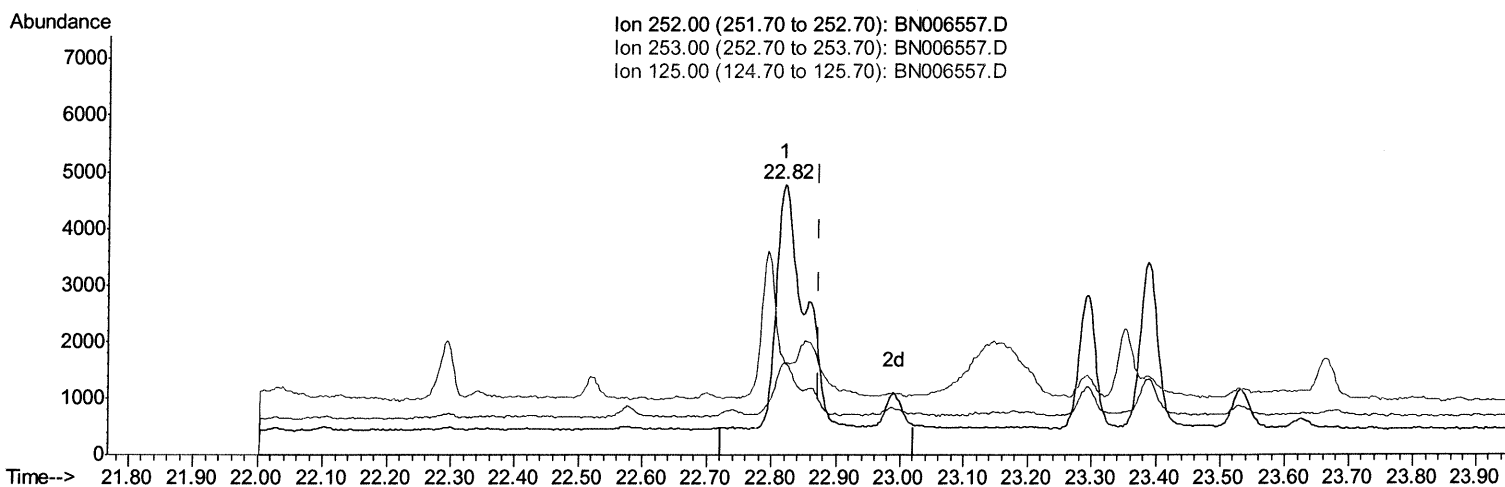
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062419\
Data File : BN006557.D
Acq On : 25 Jun 2019 06:25
Operator : HP/JU
Sample : K3388-04MS
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4216MS

Manual Integrations
APPROVED

mohammad
6/25/2019 10:21:28 PM

Quant Time: Jun 25 07:12:08 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN053019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 25 01:51:13 2019
Response via : Initial Calibration



(22) Benzo(k)fluoranthene

22.820min (-0.053) 0.26ng/ul

response 12950

Ion	Exp%	Act%
252.00	100	100
253.00	25.40	34.13#
125.00	17.90	34.28#
0.00	0.00	0.00

Quantitation Report (Qedit)

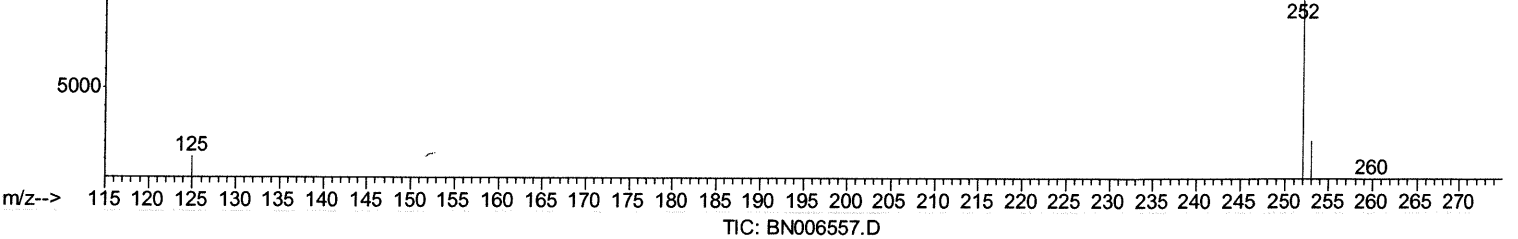
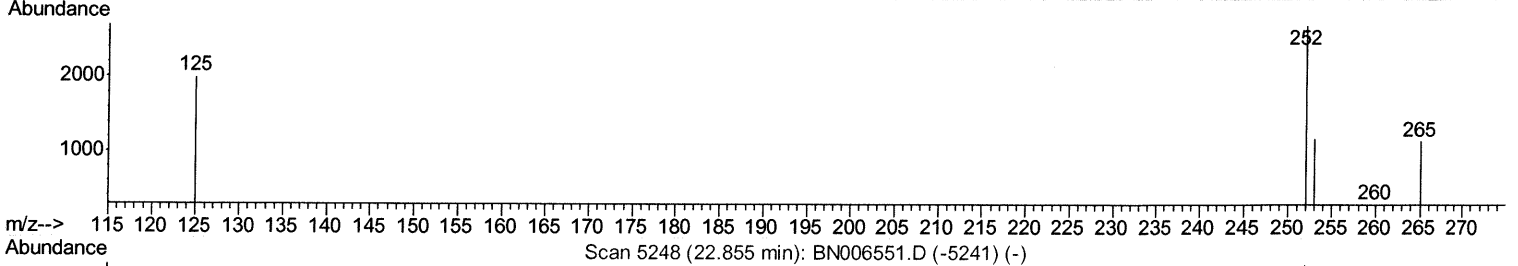
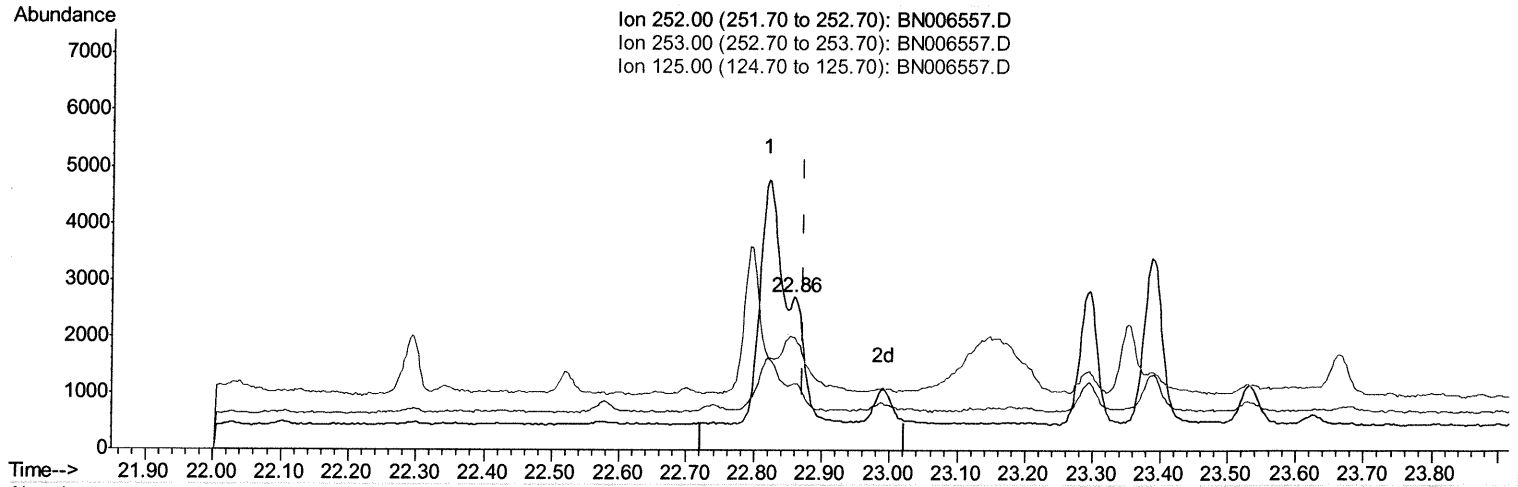
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062419\
 Data File : BN006557.D
 Acq On : 25 Jun 2019 06:25
 Operator : HP/JU
 Sample : K3388-04MS
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4216MS

Manual Integrations
 APPROVED

mohammad
 6/25/2019 10:21:28 PM

Quant Time: Jun 25 07:12:08 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN053019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 25 01:51:13 2019
 Response via : Initial Calibration



(22) Benzo(k)fluoranthene

22.858min (-0.015) 0.07ng/ul m

JU
06/26/19

response 3346

Ion	Exp%	Act%
252.00	100	100
253.00	25.40	43.40#
125.00	17.90	73.83#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062419\
 Data File : BN006557.D
 Acq On : 25 Jun 2019 06:25
 Operator : HP/JU
 Sample : K3388-04MS
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4216MS

Manual Integrations
 APPROVED

mohammad
 6/25/2019 10:21:28 PM

Quant Time: Jun 25 07:48:06 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN053019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 25 01:51:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	5564	0.40	ng/ul	0.00
2) Naphthalene-d8	10.41	136	20831	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.28	164	10299	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.04	188	20509	0.40	ng/ul	0.00
16) Chrysene-d12	21.26	240	11446	0.40	ng/ul	0.00
20) Perylene-d12	23.48	264	12444	0.40	ng/ul	-0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.01	152	4194	0.13	ng/ul	0.00
14) Fluoranthene-d10	19.08	212	7891	0.14	ng/ul	0.00
Target Compounds						
					Qvalue	
8) Acenaphthene	14.34	153	6477	0.163	ng/ul	99
11) Pentachlorophenol	16.72	266	407	0.078	ng/ul	97
12) Phenanthrene	17.08	178	7547	0.115	ng/ul	97
15) Fluoranthene	19.11	202	18727	0.258	ng/ul	96
17) Pyrene	19.47	202	27107	0.450	ng/ul	99
18) Benzo(a)anthracene	21.24	228	5365	0.106	ng/ul#	84
19) Chrysene	21.29	228	7292	0.153	ng/ul#	87
21) Benzo(b)fluoranthene	22.82	252	9441m>	0.182	ng/ul	
22) Benzo(k)fluoranthene	22.86	252	3346m>	0.066	ng/ul	
23) Benzo(a)pyrene	23.39	252	5548	0.115	ng/ul#	73
24) Indeno(1,2,3-cd)pyrene	25.72	276	4764	0.091	ng/ul#	84
25) Dibenzo(a,h)anthracene	25.72	278	1144	0.027	ng/ul#	1
26) Benzo(g,h,i)perylene	26.41	276	4293	0.098	ng/ul#	73

JO 06/26/19

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