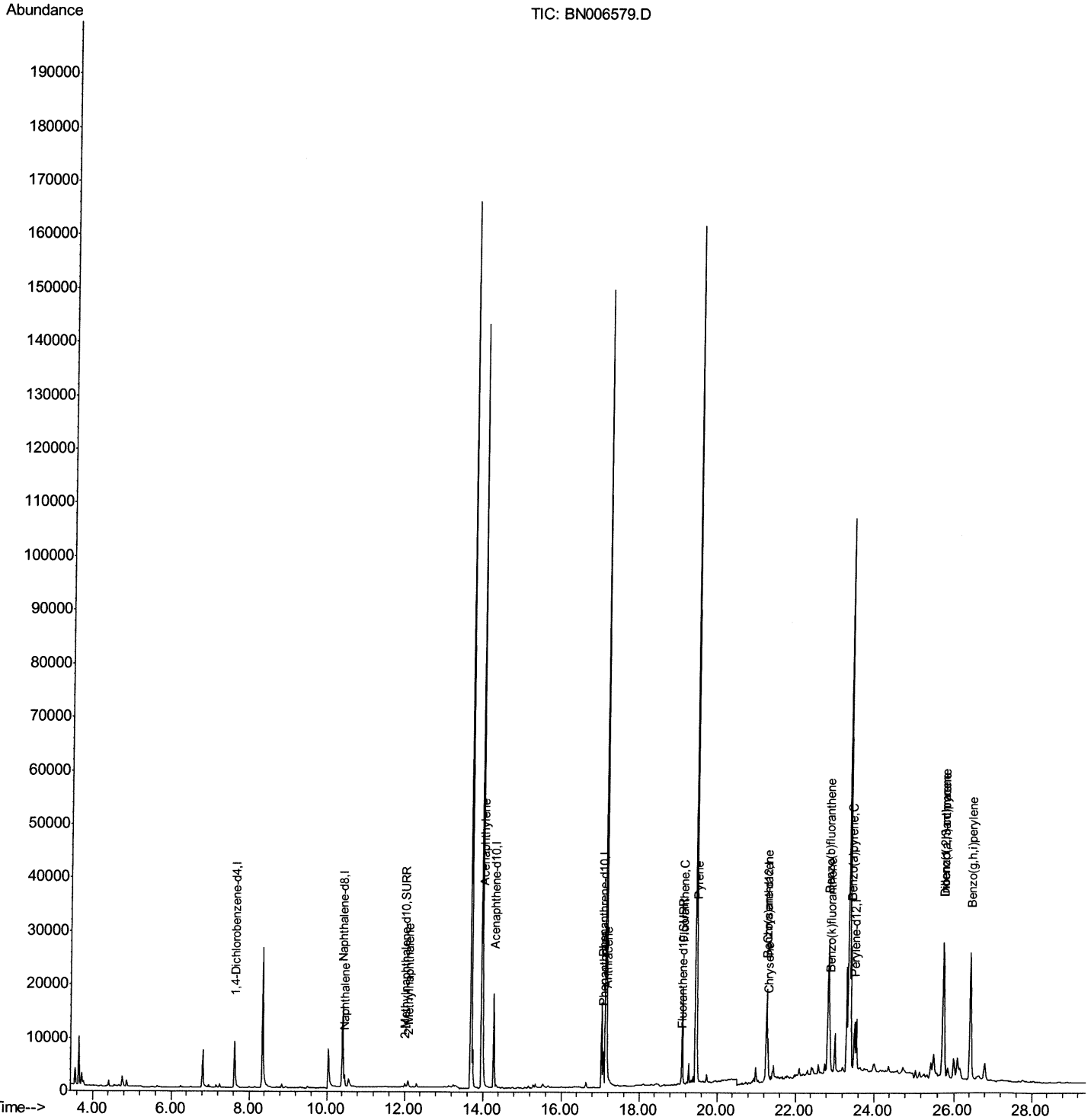


Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062419\
 Data File : BN006579.D
 Acq On : 25 Jun 2019 20:18
 Operator : HP/JU
 Sample : K3388-01DL 5X
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 BNA_N
 Client Sampled :
 A4214DL

Manual Integrations
APPROVED
 mohammad
 6/26/2019 8:12:55 AM

Quant Time: Jun 26 01:18:11 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 07:15:41 2019
 Response via : Initial Calibration



Quantitation Report (Qedit)

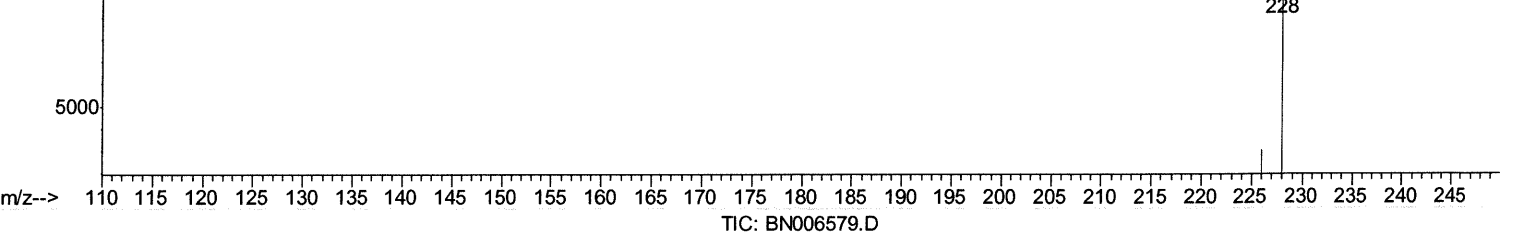
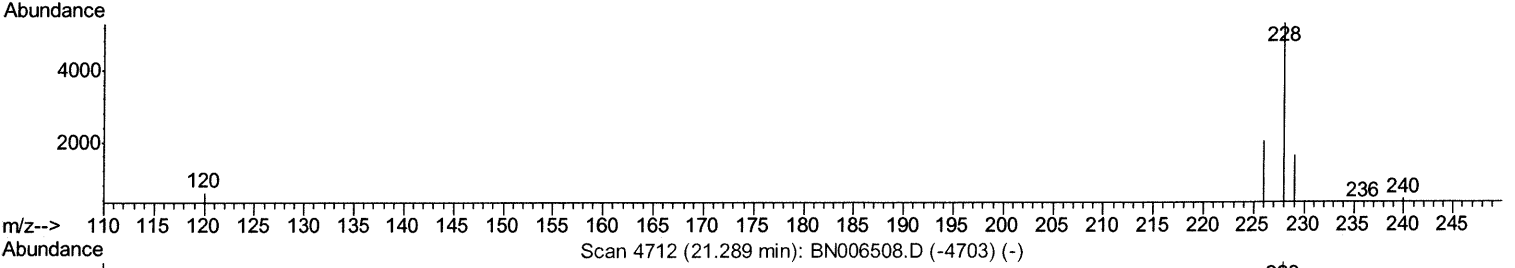
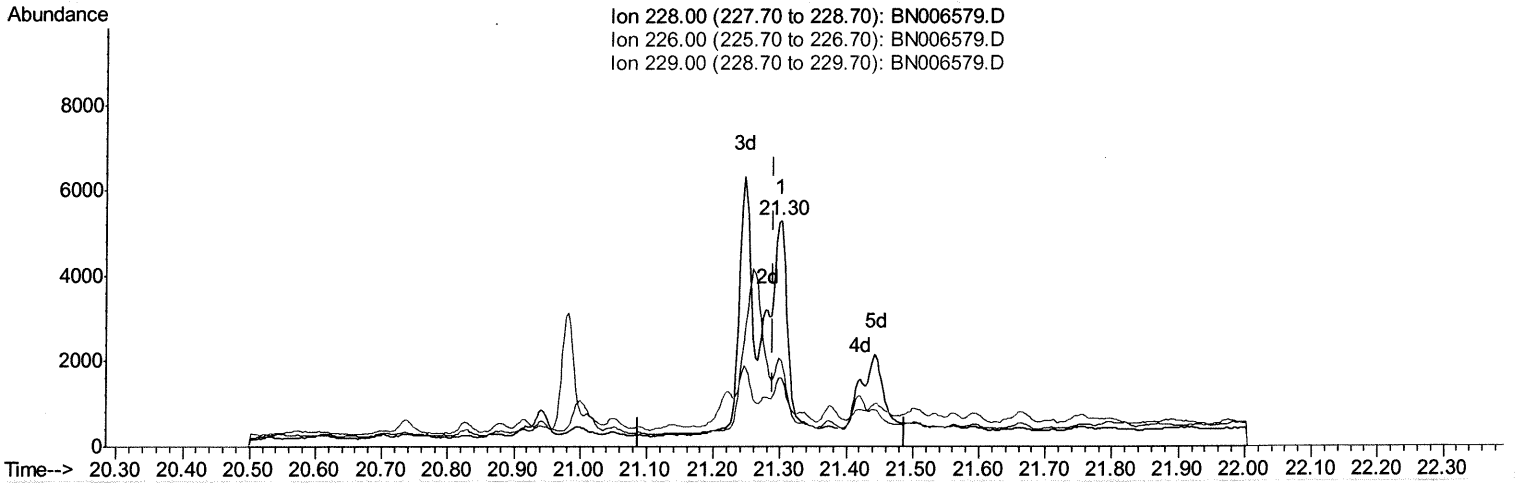
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062419\
Data File : BN006579.D
Acq On : 25 Jun 2019 20:18
Operator : HP/JU
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Misc :
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Instrument :
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Manual Integrations
APPROVED

mohammad
6/26/2019 8:12:55 AM

Quant Time: Jun 26 00:51:36 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 07:15:41 2019
Response via : Initial Calibration



(19) Chrysene

21.300min (+0.012) 0.15ng/ul

response 6817

Ion	Exp%	Act%
228.00	100	100
226.00	31.30	38.11#
229.00	20.40	30.42#
0.00	0.00	0.00

Quantitation Report (Qedit)

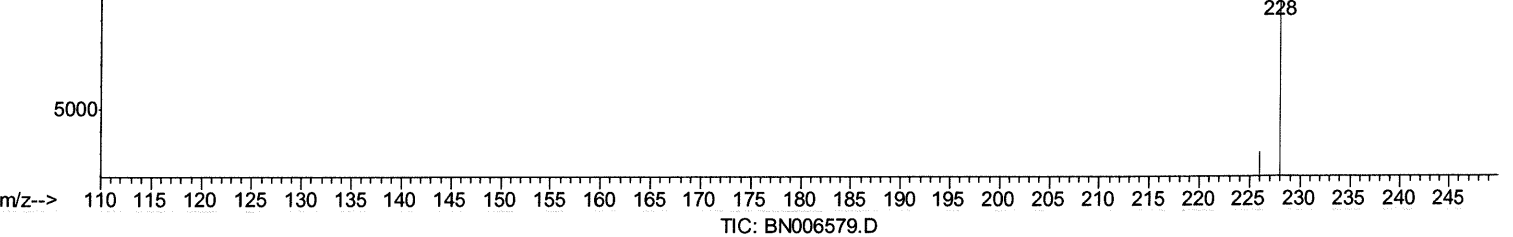
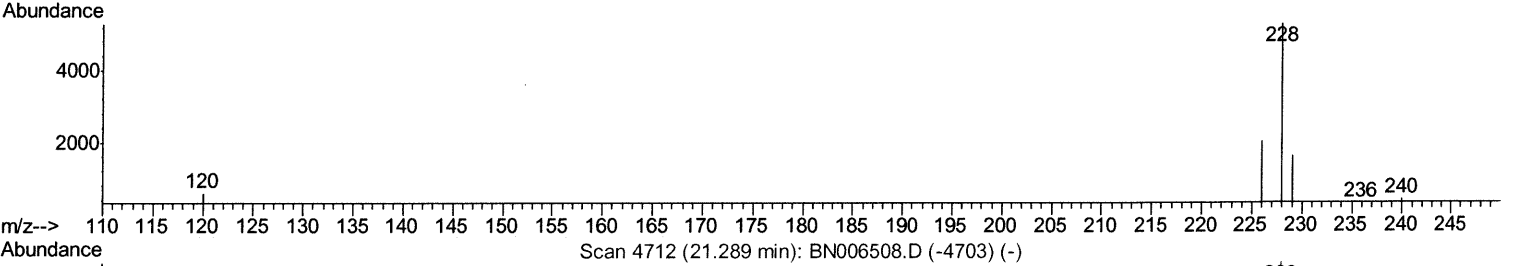
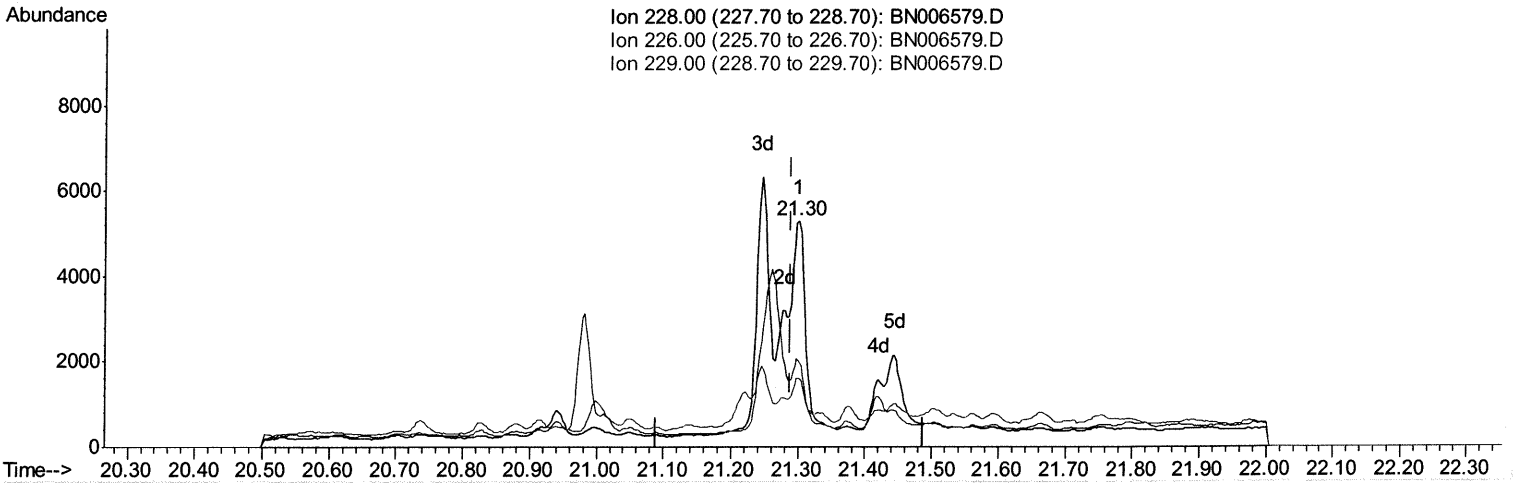
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062419\
 Data File : BN006579.D
 Acq On : 25 Jun 2019 20:18
 Operator : HP/JU
 Sample : K3388-01DL 5X
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampled :
 A4214DL

Manual Integrations
 APPROVED

mohammad
 6/26/2019 8:12:55 AM

Quant Time: Jun 26 00:51:36 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 07:15:41 2019
 Response via : Initial Calibration



(19) Chrysene

21.300min (+0.012) 0.22ng/ul m *JU* 06/26/19

response 9535

Ion	Exp%	Act%
228.00	100	100
226.00	31.30	38.11#
229.00	20.40	30.42#
0.00	0.00	0.00

Quantitation Report (Qedit)

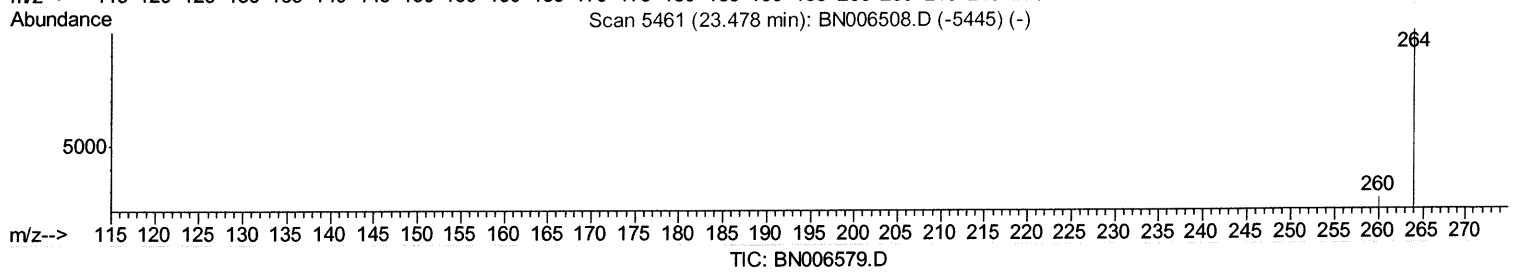
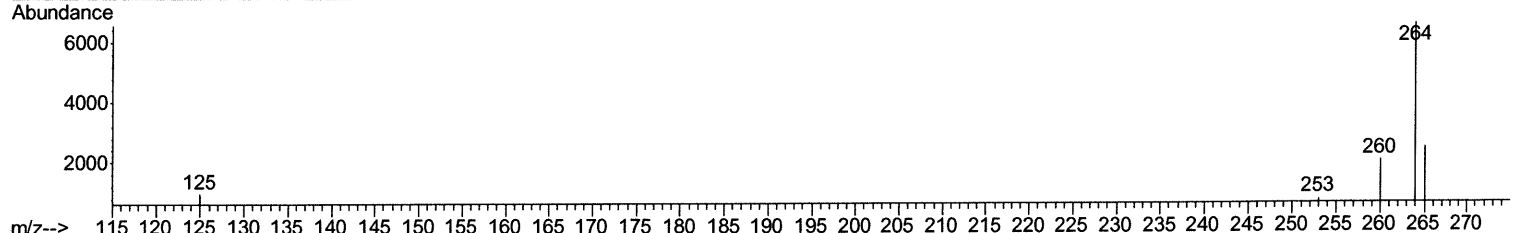
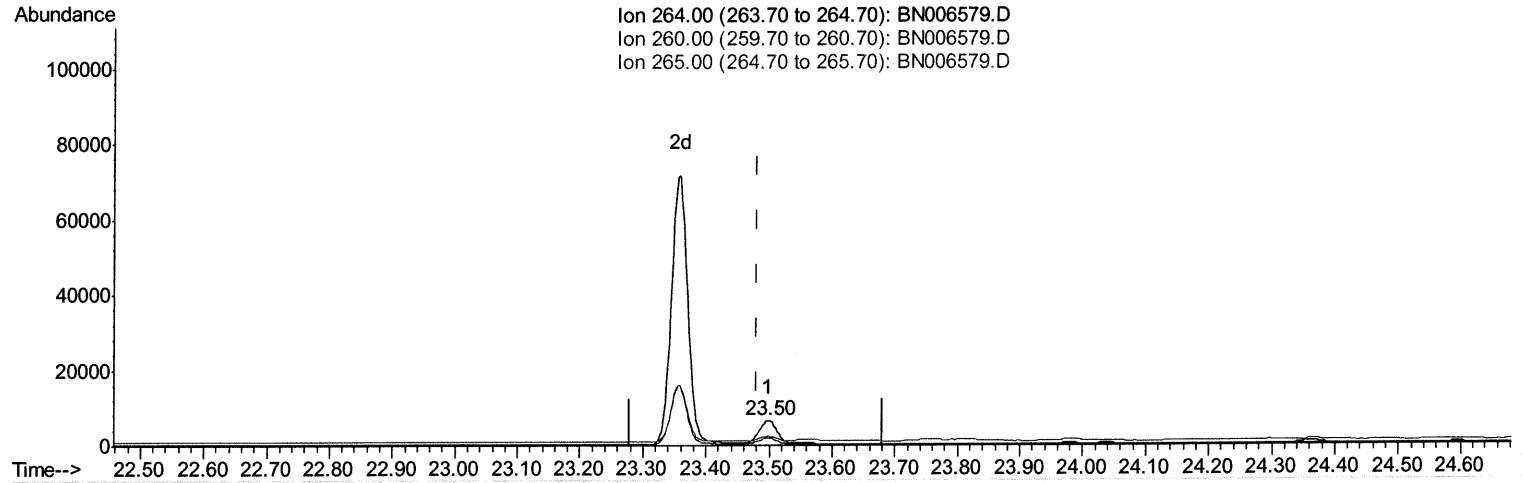
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062419\
 Data File : BN006579.D
 Acq On : 25 Jun 2019 20:18
 Operator : HP/JU
 Sample : K3388-01DL 5X
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampled :
 A4214DL

Manual Integrations
 APPROVED

mohammad
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Quant Time: Jun 26 00:51:36 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 07:15:41 2019
 Response via : Initial Calibration



(20) Perylene-d12 (I)
 23.498min (+0.018) 0.40ng/ul
 response 13627

Ion	Exp%	Act%
264.00	100	100
260.00	29.20	31.17
265.00	44.70	37.44
0.00	0.00	0.00

Quantitation Report (Qedit)

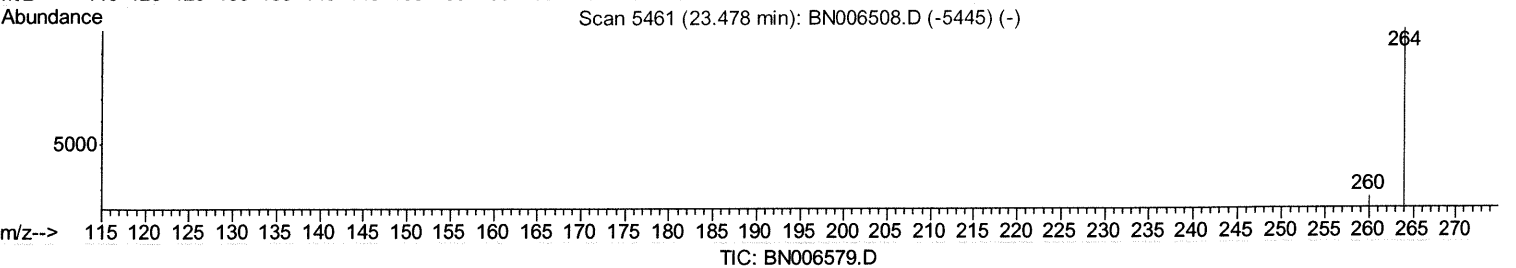
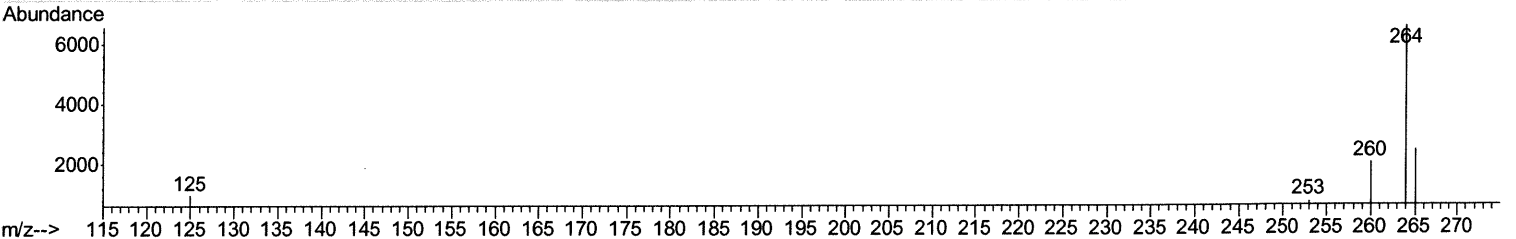
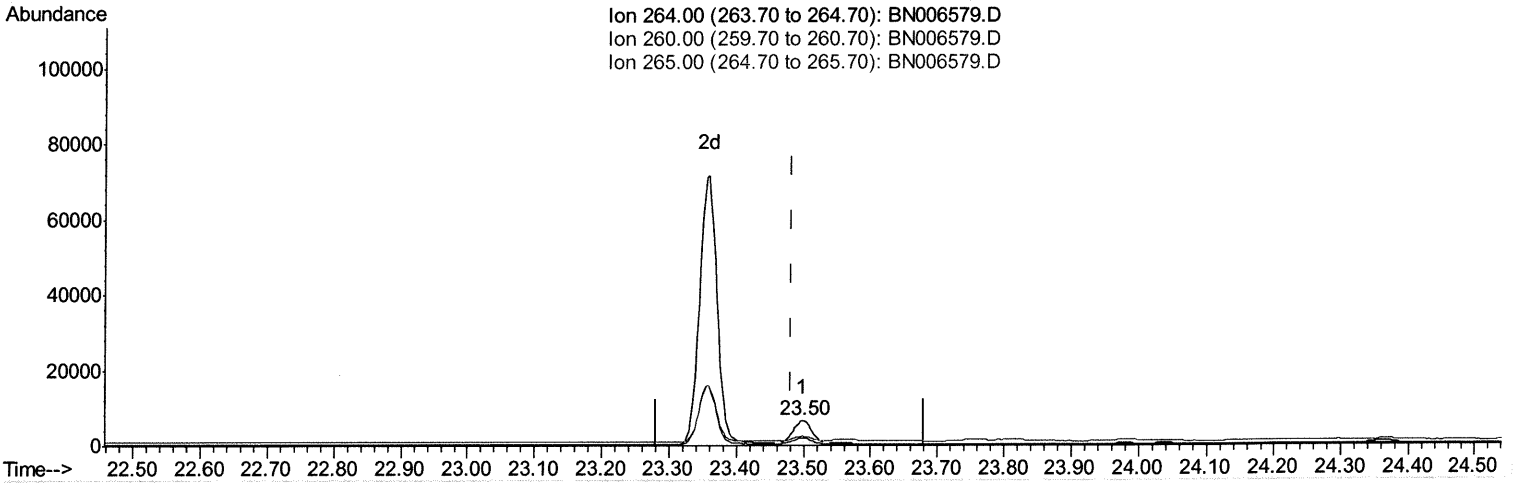
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062419\
Data File : BN006579.D
Acq On : 25 Jun 2019 20:18
Operator : HP/JU
Sample : K3388-01DL 5X
Misc :
ALS Vial : 56 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4214DL

Manual Integrations
APPROVED

mohammad
6/26/2019 8:12:55 AM

Quant Time: Jun 26 00:51:36 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 07:15:41 2019
Response via : Initial Calibration



(20) Perylene-d12 (I)

23.498min (+0.018) 0.40ng/ul m *JU* 06/26/19

response 11328

Ion	Exp%	Act%
264.00	100	100
260.00	29.20	31.17
265.00	44.70	37.44
0.00	0.00	0.00

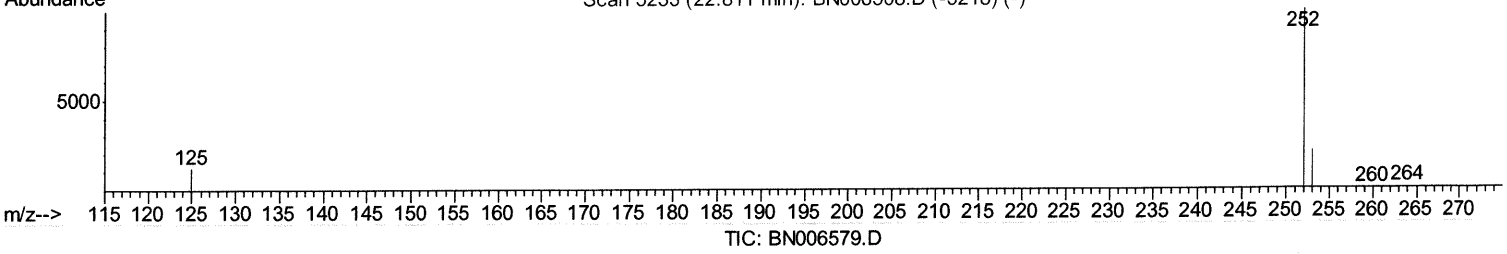
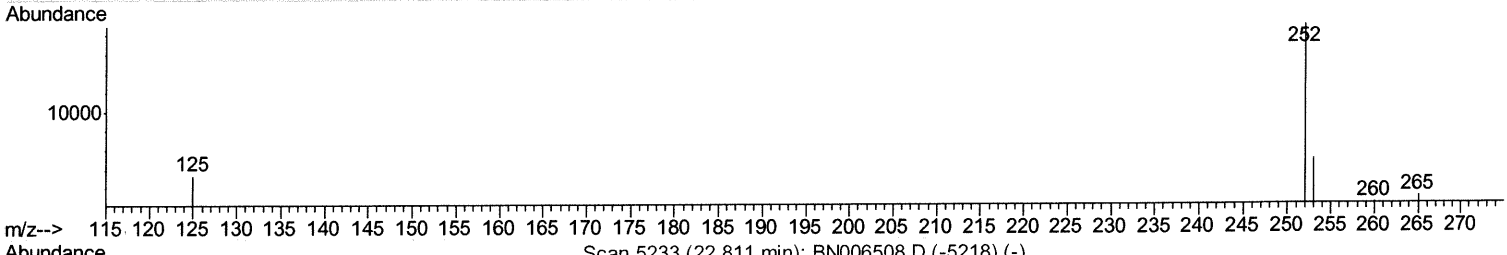
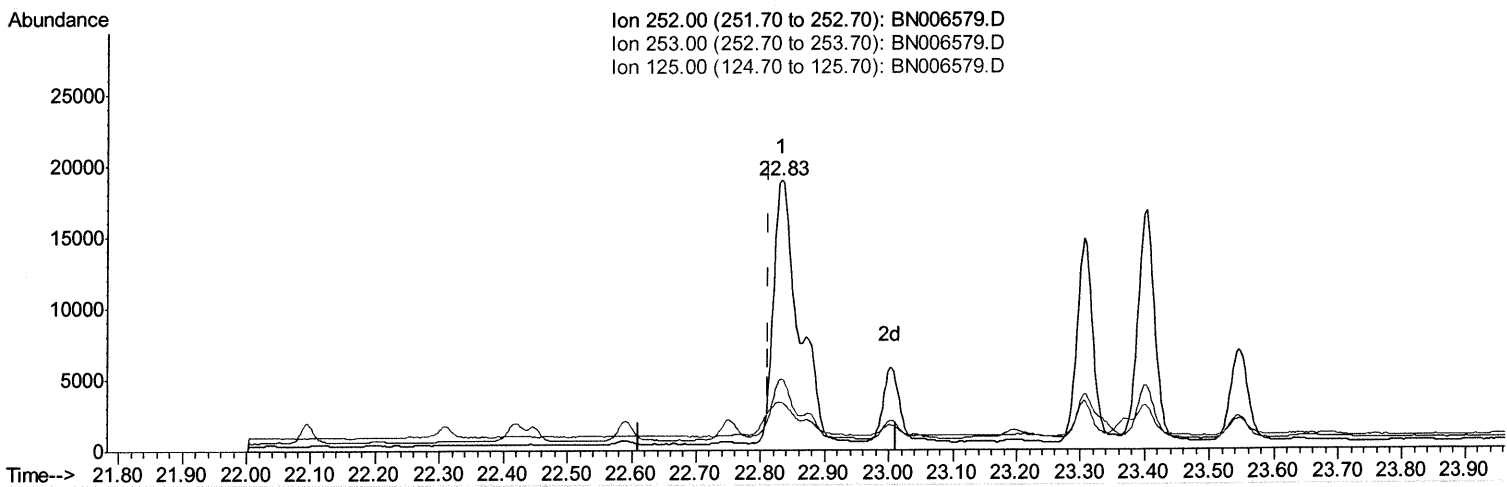
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062419\
 Data File : BN006579.D
 Acq On : 25 Jun 2019 20:18
 Operator : HP/JU
 Sample : K3388-01DL 5X
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4214DL

Manual Integrations
APPROVED
 mohammad
 6/26/2019 8:12:55 AM

Quant Time: Jun 26 01:16:40 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 07:15:41 2019
 Response via : Initial Calibration



(21) Benzo(b)fluoranthene
 22.832min (+0.021) 1.07ng/ul
 response 50699

Ion	Exp%	Act%
252.00	100	100
253.00	25.70	26.60
125.00	20.50	17.76
0.00	0.00	0.00

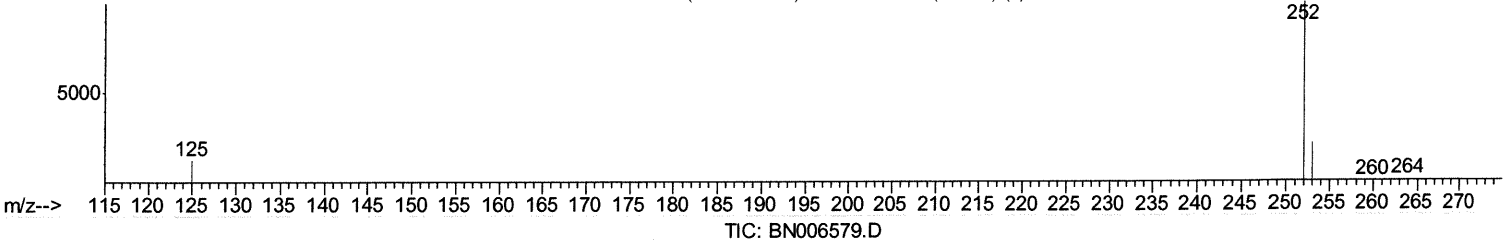
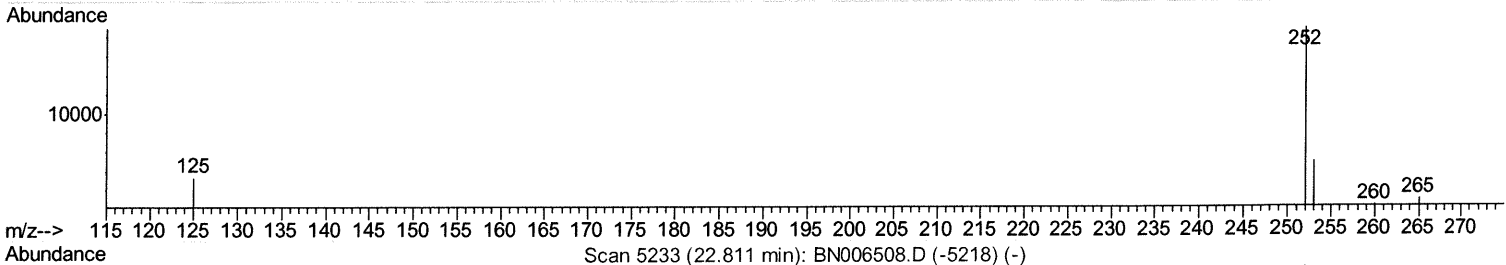
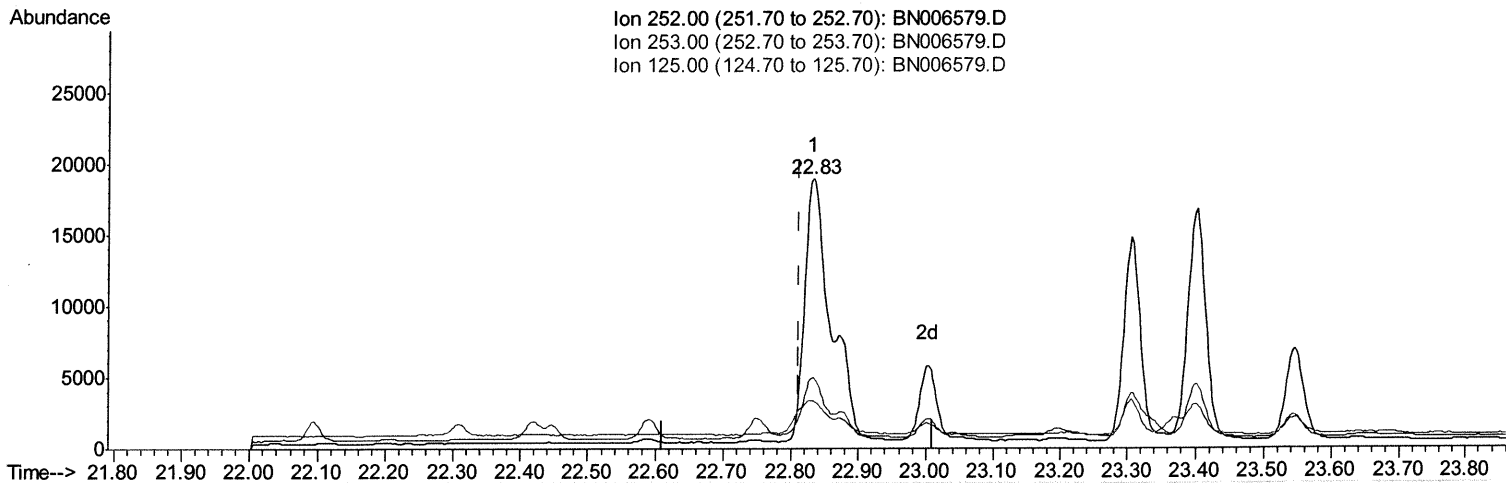
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062419\
 Data File : BN006579.D
 Acq On : 25 Jun 2019 20:18
 Operator : HP/JU
 Sample : K3388-01DL 5X
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleID :
 A4214DL

Manual Integrations
APPROVED
 mohammad
 6/26/2019 8:12:55 AM

Quant Time: Jun 26 01:16:40 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 07:15:41 2019
 Response via : Initial Calibration



(21) Benzo(b)fluoranthene

22.832min (+0.021) 0.81ng/ul m *JU 06/26/19*

response 38477

Ion	Exp%	Act%
252.00	100	100
253.00	25.70	26.60
125.00	20.50	17.76
0.00	0.00	0.00

Quantitation Report (Qedit)

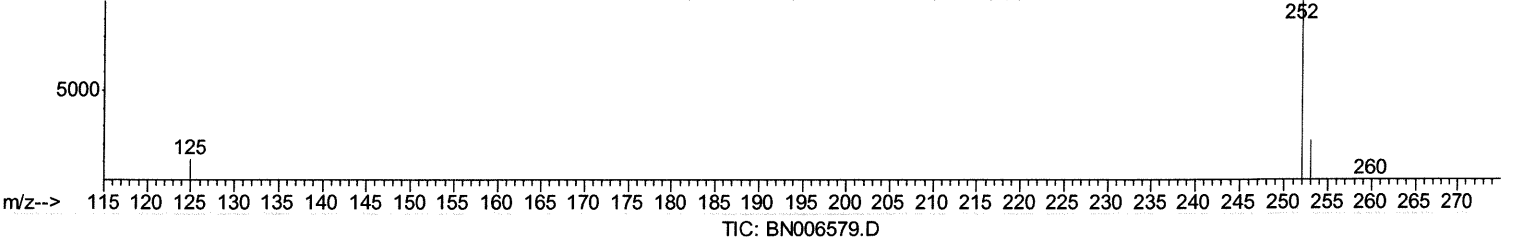
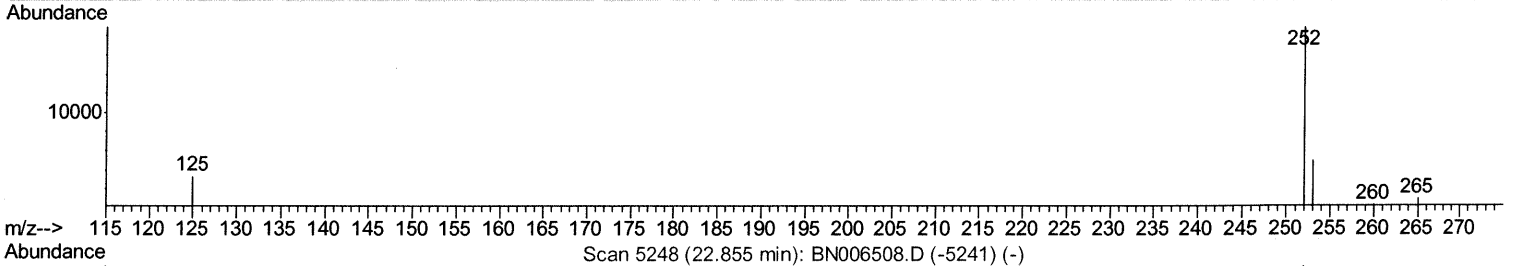
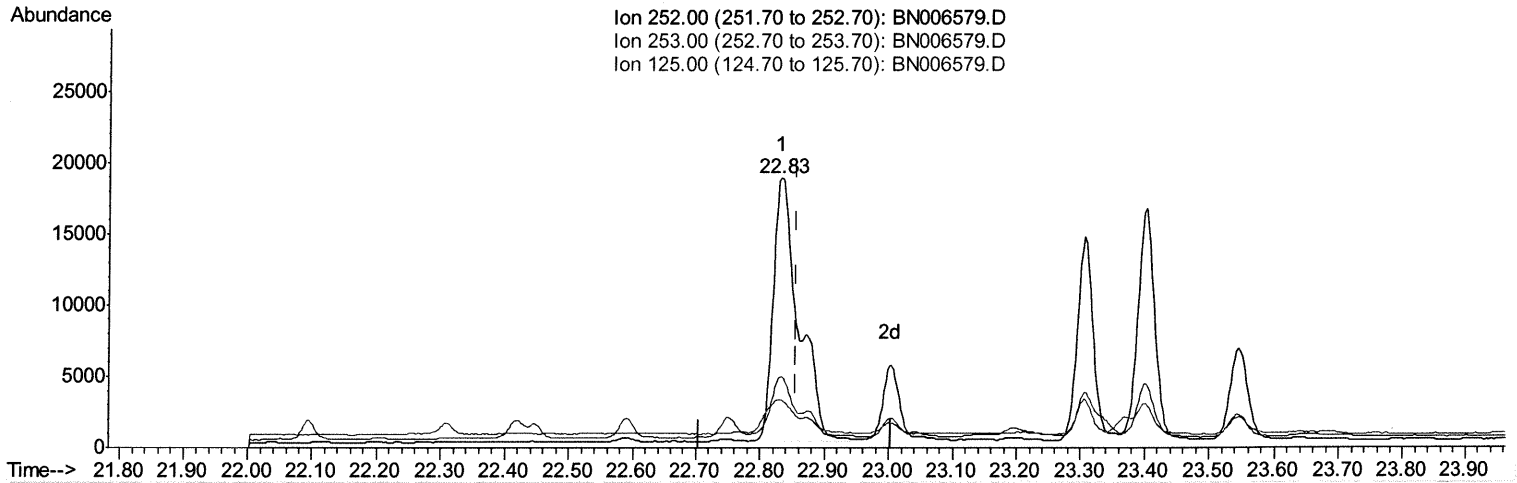
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062419\
Data File : BN006579.D
Acq On : 25 Jun 2019 20:18
Operator : HP/JU
Sample : K3388-01DL 5X
Misc :
ALS Vial : 56 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampled :
A4214DL

Manual Integrations
APPROVED

mohammad
6/26/2019 8:12:55 AM

Quant Time: Jun 26 01:16:40 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 07:15:41 2019
Response via : Initial Calibration



(22) Benzo(k)fluoranthene
22.832min (-0.023) 1.10ng/ul
response 50699

Ion	Exp%	Act%
252.00	100	100
253.00	25.40	26.60
125.00	17.90	17.76
0.00	0.00	0.00

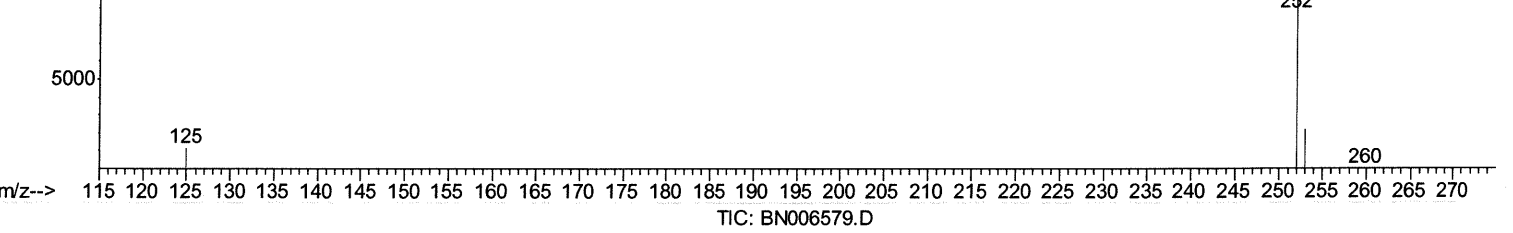
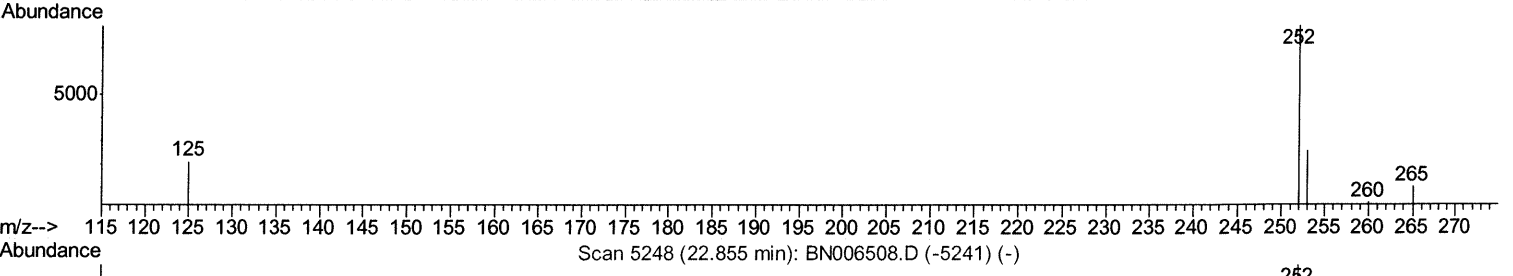
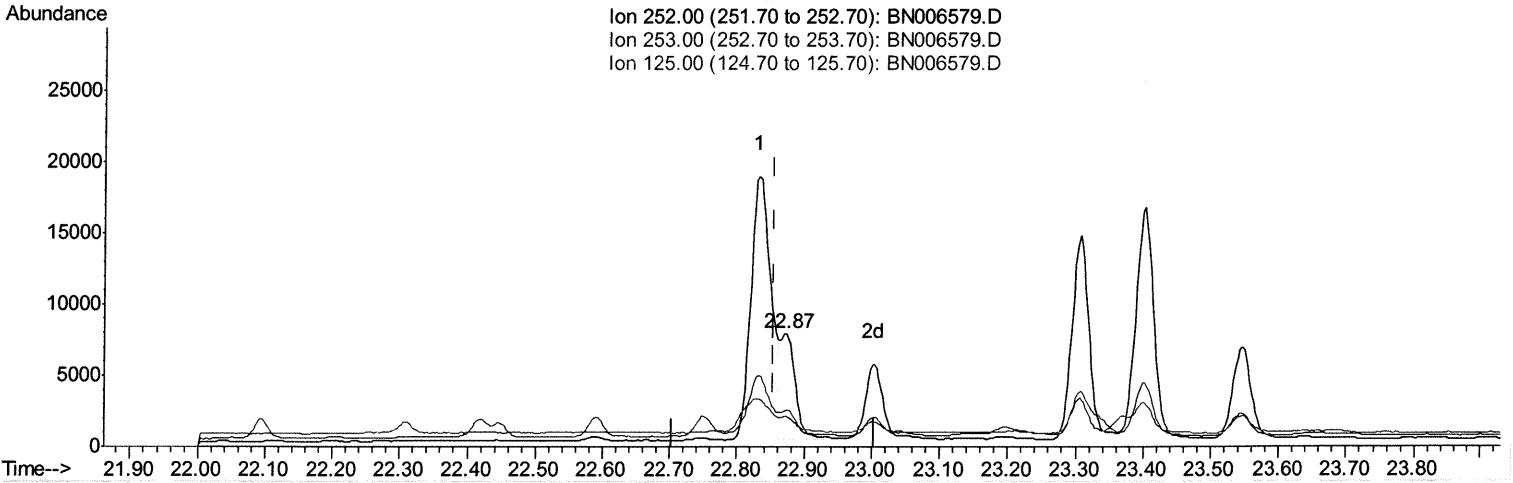
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062419\
 Data File : BN006579.D
 Acq On : 25 Jun 2019 20:18
 Operator : HP/JU
 Sample : K3388-01DL 5X
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4214DL

Manual Integrations
APPROVED
 mohammad
 6/26/2019 8:12:55 AM

Quant Time: Jun 26 01:16:40 2019
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration



(22) Benzo(k)fluoranthene

22.873min (+0.018) 0.25ng/ul m *JU 06/26/19*

response 11702

Ion	Exp%	Act%
252.00	100	100
253.00	25.40	32.17#
125.00	17.90	26.77#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062419\
 Data File : BN006579.D
 Acq On : 25 Jun 2019 20:18
 Operator : HP/JU
 Sample : K3388-01DL 5X
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
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 ClientSampled :
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Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	5737	0.40	ng/ul	0.00
2) Naphthalene-d8	10.41	136	21088	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.28	164	9982	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.04	188	18209	0.40	ng/ul	0.00
16) Chrysene-d12	21.26	240	10597	0.40	ng/ul	0.01
20) Perylene-d12	23.50	264	11328m >	0.40	ng/ul	0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.01	152	1127	0.03	ng/ul	0.00
14) Fluoranthene-d10	19.08	212	1752	0.04	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	10.46	128	2741	0.047	ng/ul#	91
5) 2-Methylnaphthalene	12.08	142	1281	0.032	ng/ul	100
7) Acenaphthylene	14.00	152	11195	0.202	ng/ul	98
12) Phenanthrene	17.08	178	7200	0.123	ng/ul	95
13) Anthracene	17.17	178	4528	0.081	ng/ul#	92
15) Fluoranthene	19.11	202	16243	0.252	ng/ul	95
17) Pyrene	19.48	202	17784	0.319	ng/ul	100
18) Benzo(a)anthracene	21.24	228	8109	0.173	ng/ul#	80
19) Chrysene	21.30	228	9535m >	0.217	ng/ul	
21) Benzo(b)fluoranthene	22.83	252	38477m >	0.815	ng/ul	
22) Benzo(k)fluoranthene	22.87	252	11702m >	0.254	ng/ul	
23) Benzo(a)pyrene	23.40	252	29861	0.679	ng/ul#	93
24) Indeno(1,2,3-cd)pyrene	25.73	276	41835	0.879	ng/ul#	87
25) Dibenzo(a,h)anthracene	25.74	278	8265	0.217	ng/ul#	82
26) Benzo(g,h,i)perylene	26.42	276	45838	1.149	ng/ul	96

JU 06/26/19

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