

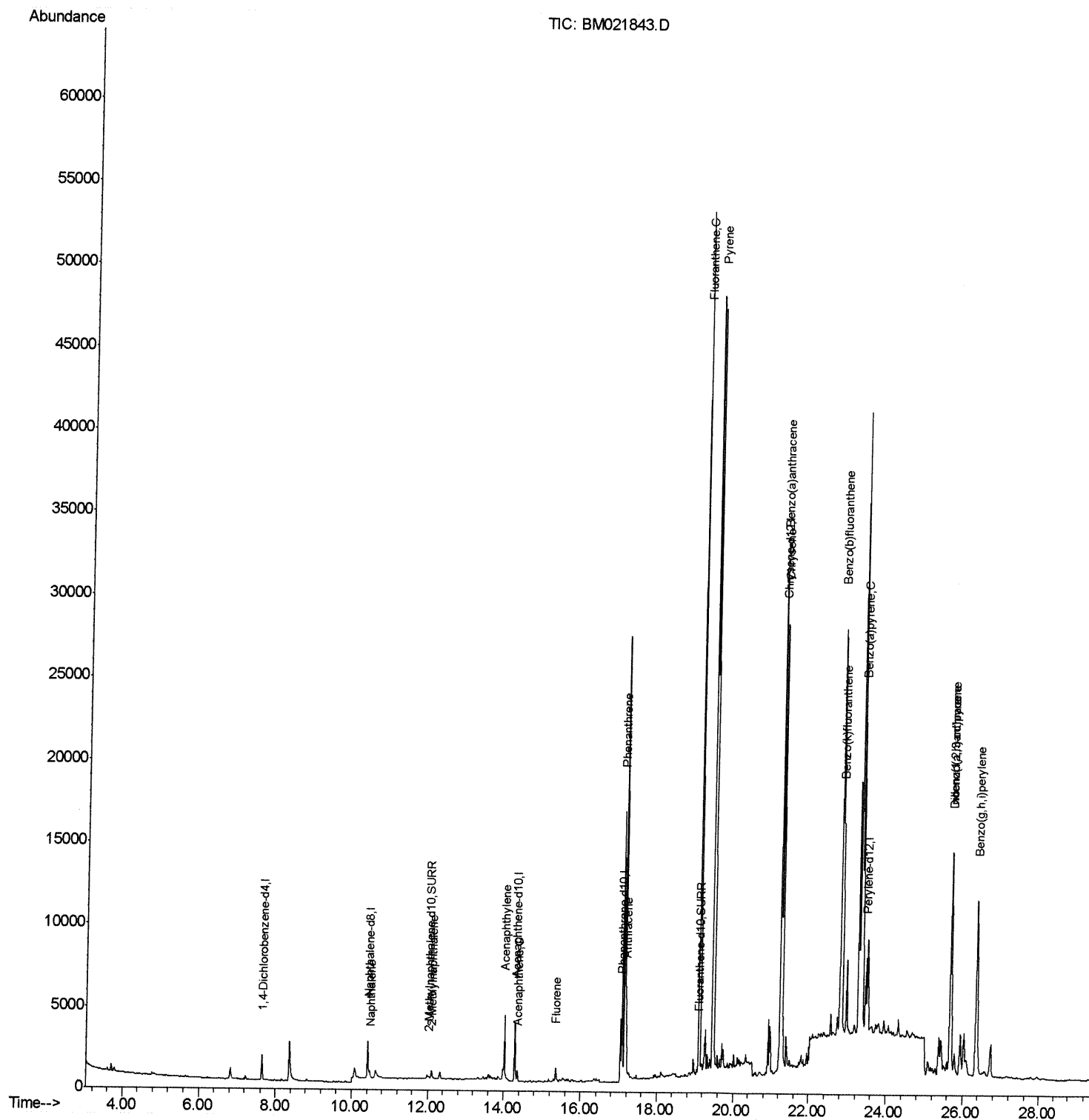
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080319\
Data File : BM021843.D
Acq On : 05 Aug 2019 15:01
Operator : HP/JU
Sample : K3850-15DL 5X
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENS2DL

Manual Integrations
APPROVED

mohammad
8/5/2019 10:17:23 PM

Quant Time: Aug 05 15:37:18 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 05 08:19:16 2019
Response via : Initial Calibration



Quantitation Report (Qedit)

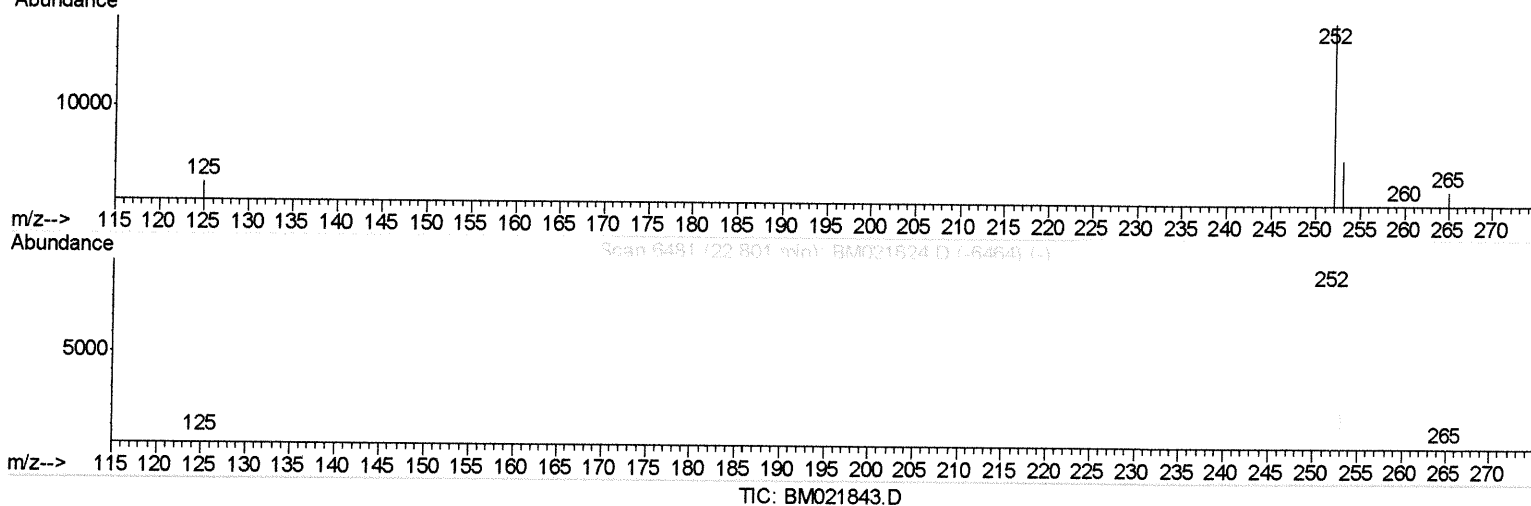
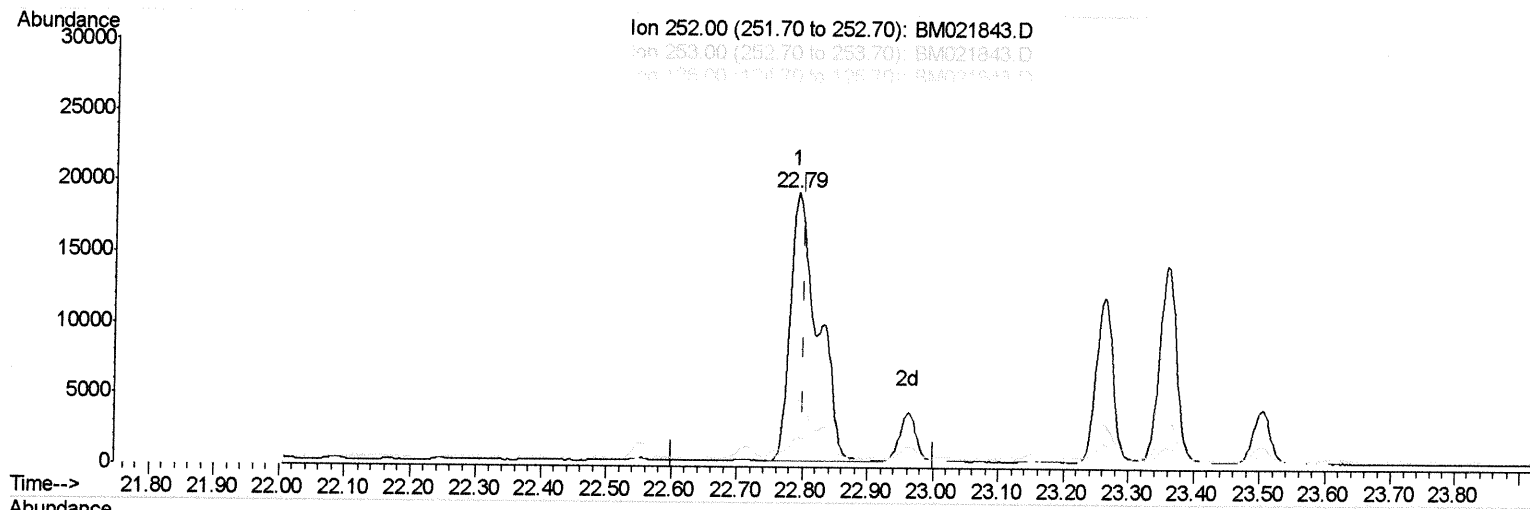
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080319\
 Data File : BM021843.D
 Acq On : 05 Aug 2019 15:01
 Operator : HP/JU
 Sample : K3850-15DL 5X
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
ClientSampleId :
 BENS2DL

Manual Integrations
APPROVED

mohammad
 8/5/2019 10:17:23 PM

Quant Time: Aug 05 15:34:21 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 05 08:19:16 2019
 Response via : Initial Calibration



(21) Benzo(b)fluoranthene

22.791min (-0.010) 2.74ng/ul

response 55651

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	25.09
125.00	15.50	10.53
0.00	0.00	0.00

Quantitation Report (Qedit)

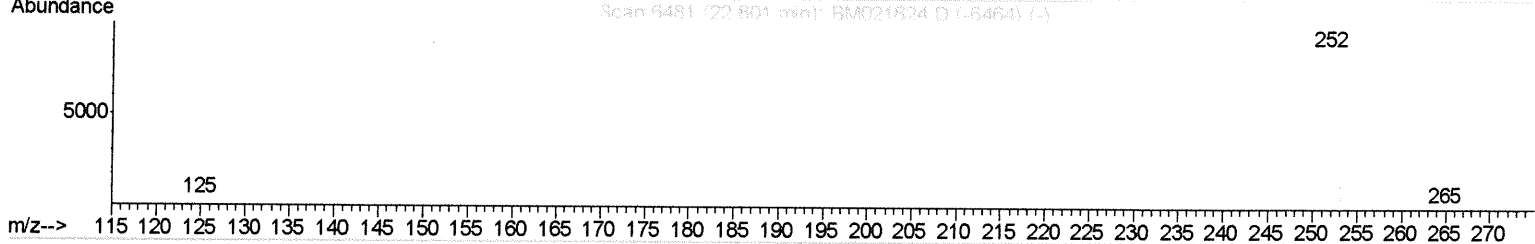
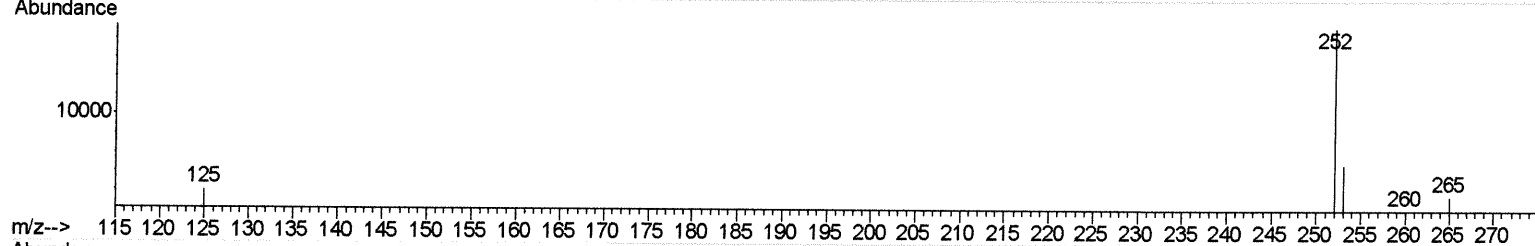
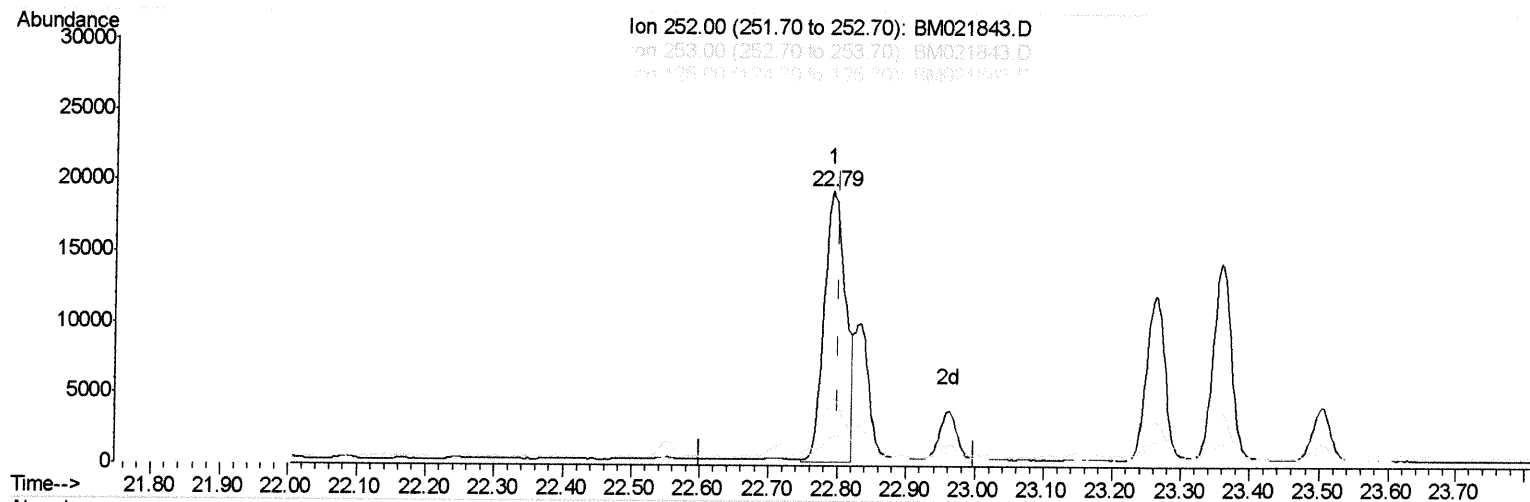
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080319\
 Data File : BM021843.D
 Acq On : 05 Aug 2019 15:01
 Operator : HP/JU
 Sample : K3850-15DL 5X
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BENS2DL

Manual Integrations
 APPROVED

mohammad
 8/5/2019 10:17:23 PM

Quant Time: Aug 05 15:34:21 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 05 08:19:16 2019
 Response via : Initial Calibration



TIC: BM021843.D

(21) Benzo(b)fluoranthene

22.791min (-0.010) 2.03ng/ul m

JU
 08/05/19

response 41220

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	25.09
125.00	15.50	10.53
0.00	0.00	0.00

Quantitation Report (Qedit)

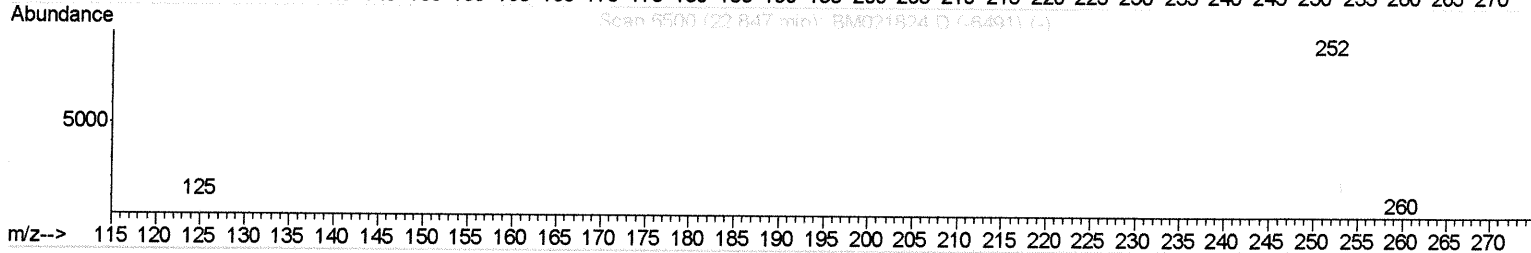
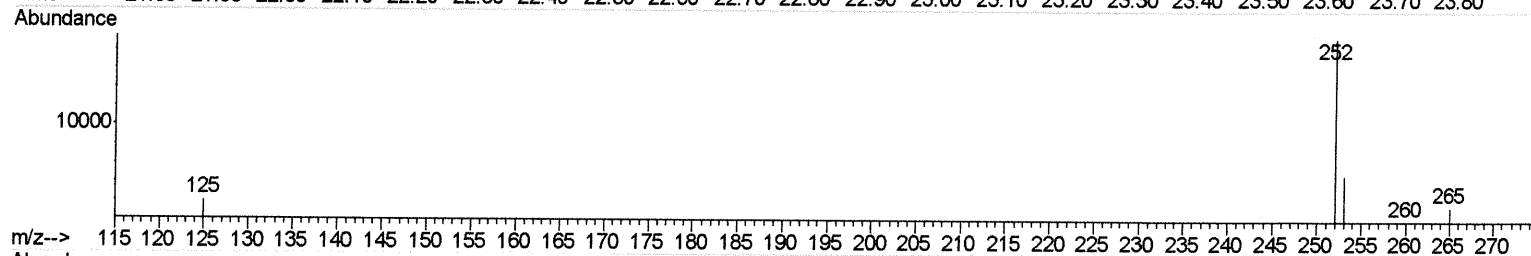
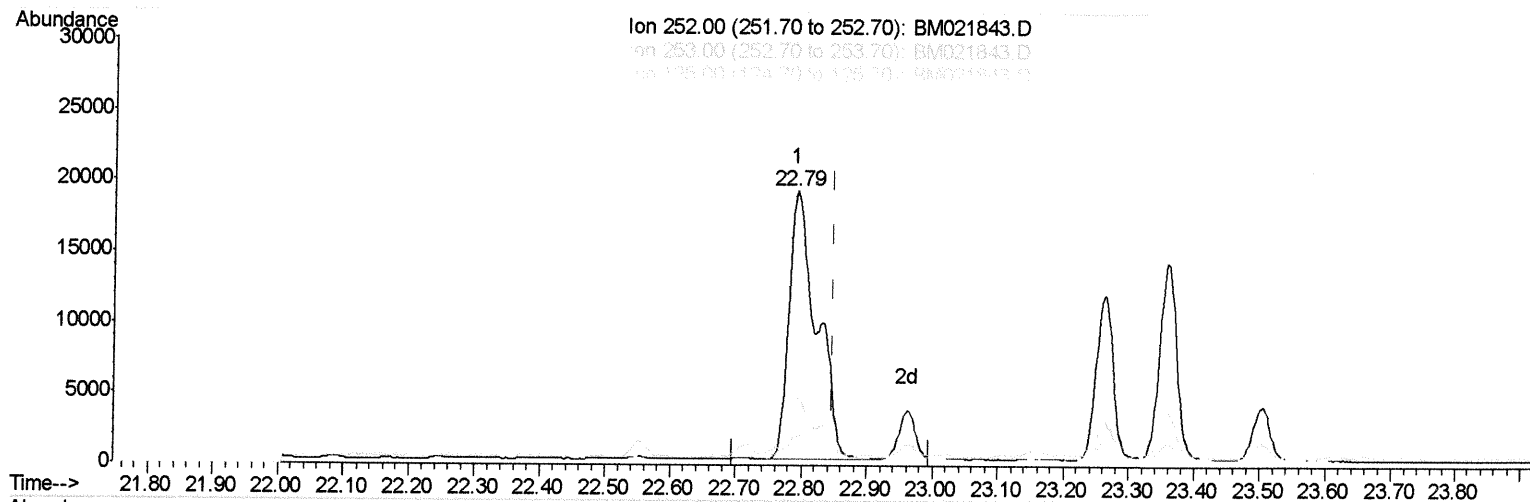
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080319\
 Data File : BM021843.D
 Acq On : 05 Aug 2019 15:01
 Operator : HP/JU
 Sample : K3850-15DL 5X
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
ClientSampleId :
 BENS2DL

Manual Integrations
APPROVED

mohammad
 8/5/2019 10:17:23 PM

Quant Time: Aug 05 15:34:21 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 05 08:19:16 2019
 Response via : Initial Calibration



TIC: BM021843.D

(22) Benzo(k)fluoranthene

22.791min (-0.056) 2.42ng/ul

response 55651

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	25.09#
125.00	15.20	10.53#
0.00	0.00	0.00

Quantitation Report (Qedit)

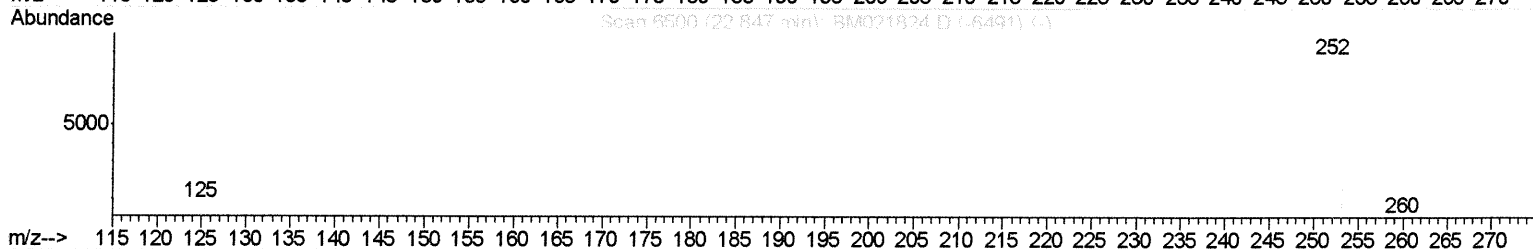
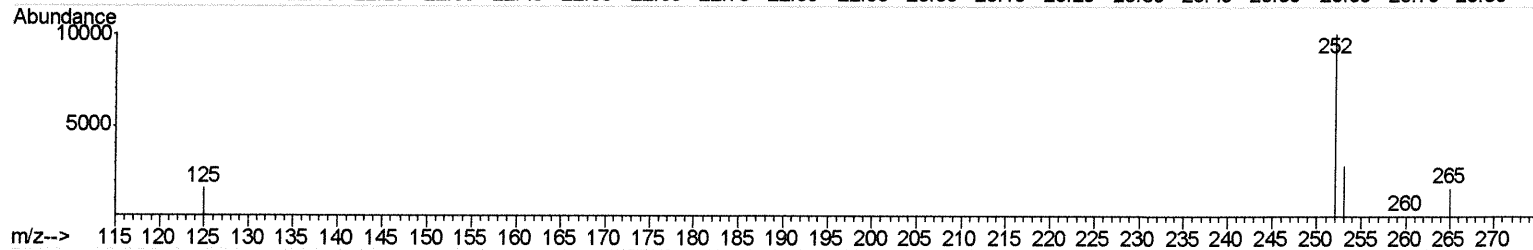
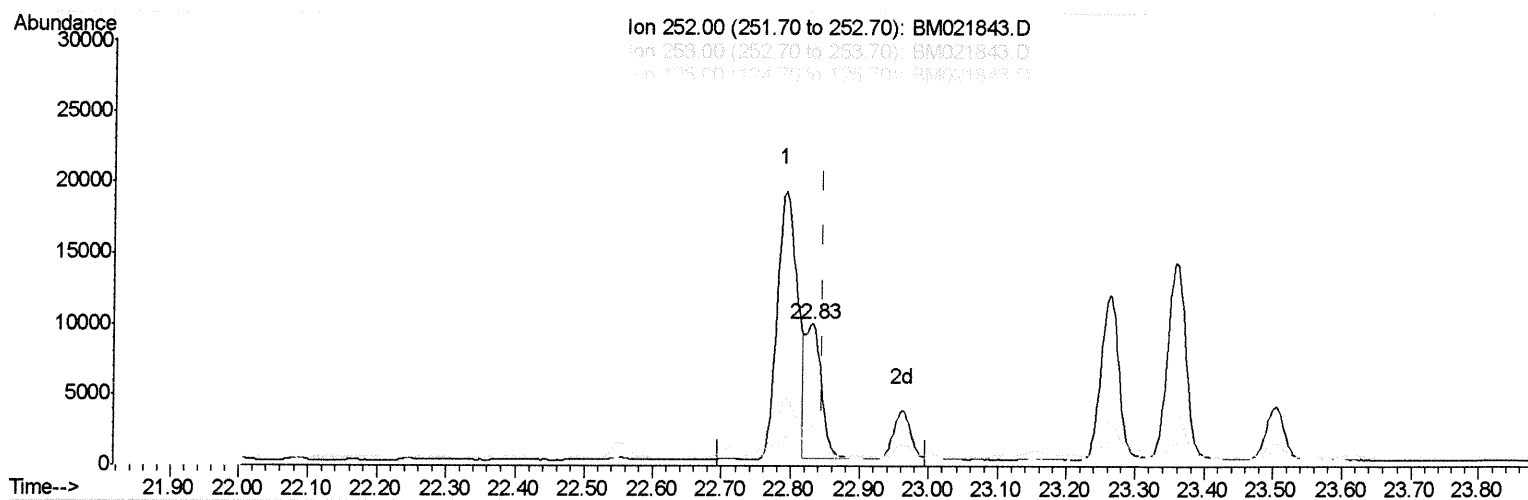
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080319\
Data File : BM021843.D
Acq On : 05 Aug 2019 15:01
Operator : HP/JU
Sample : K3850-15DL 5X
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENS2DL

Manual Integrations
APPROVED

mohammad
8/5/2019 10:17:23 PM

Quant Time: Aug 05 15:34:21 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 05 08:19:16 2019
Response via : Initial Calibration



TIC: BM021843.D

(22) Benzo(k)fluoranthene

22.829min (-0.017) 0.68ng/ul m

JU
08/05/19

response 15572

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	28.28
125.00	15.20	16.22
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080319\
 Data File : BM021843.D
 Acq On : 05 Aug 2019 15:01
 Operator : HP/JU
 Sample : K3850-15DL 5X
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleID :
 BENS2DL

Manual Integrations
 APPROVED

mohammad
 8/5/2019 10:17:23 PM

Quant Time: Aug 05 15:37:18 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 05 08:19:16 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	884	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.42	136	3592	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.29	164	2038	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.04	188	4708	0.40	ng/ul	-0.02
16) Chrysene-d12	21.24	240	4906	0.40	ng/ul	0.00
20) Perylene-d12	23.46	264	6015	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.02	152	183	0.03	ng/ul	-0.02
14) Fluoranthene-d10	19.07	212	555	0.03	ng/ul	-0.02
Target Compounds				Qvalue		
3) Naphthalene	10.47	128	621	0.061	ng/ul#	77
5) 2-Methylnaphthalene	12.10	142	529	0.078	ng/ul	91
7) Acenaphthylene	14.01	152	3438	0.362	ng/ul	97
8) Acenaphthene	14.35	153	434	0.056	ng/ul	92
9) Fluorene	15.34	166	661	0.077	ng/ul#	96
12) Phenanthrene	17.08	178	17335	1.265	ng/ul	97
13) Anthracene	17.18	178	4689	0.401	ng/ul	100
15) Fluoranthene	19.11	202	47832	2.607	ng/ul	95
17) Pyrene	19.47	202	40572	2.012	ng/ul	98
18) Benzo(a)anthracene	21.22	228	25126	1.432	ng/ul	99
19) Chrysene	21.28	228	27219	1.206	ng/ul	98
21) Benzo(b)fluoranthene	22.79	252	41220m	2.032	ng/ul	} Ju 08/05/19
22) Benzo(k)fluoranthene	22.83	252	15572m	0.678	ng/ul	
23) Benzo(a)pyrene	23.36	252	25785	1.250	ng/ul#	
24) Indeno(1,2,3-cd)pyrene	25.67	276	22116	0.898	ng/ul#	
25) Dibenzo(a,h)anthracene	25.67	278	5665	0.285	ng/ul#	85
26) Benzo(g,h,i)perylene	26.35	276	23298	1.051	ng/ul	97

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