

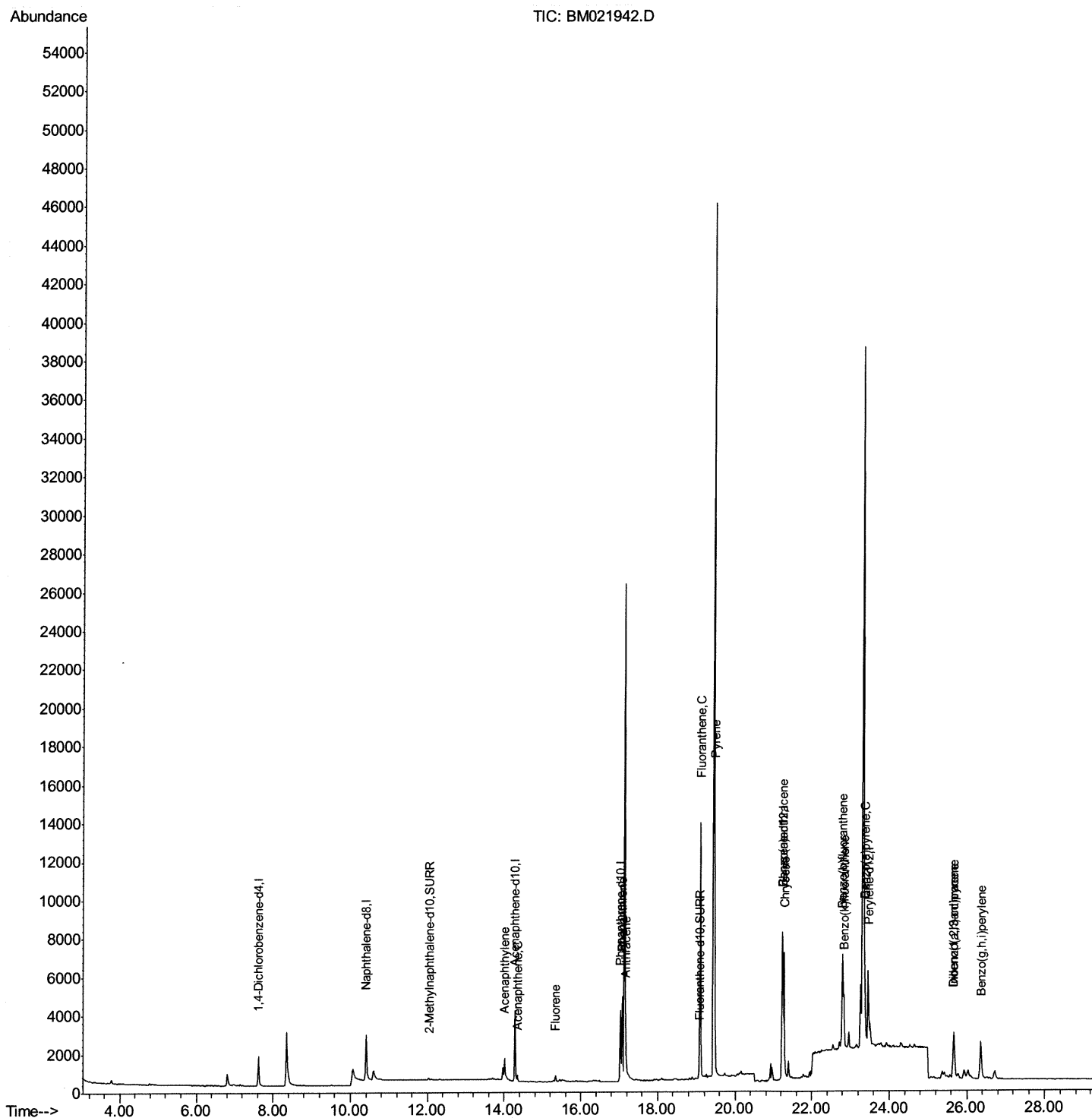
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080719\
Data File : BM021942.D
Acq On : 08 Aug 2019 20:33
Operator : HP/JU
Sample : K4028-13DL 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENZ3DL

Manual Integrations
APPROVED

mohammad
8/9/2019 6:13:26 AM

Quant Time: Aug 09 04:05:14 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 : Fri Aug 09 01:29:50 2019
Response via : Initial Calibration



Quantitation Report (Qedit)

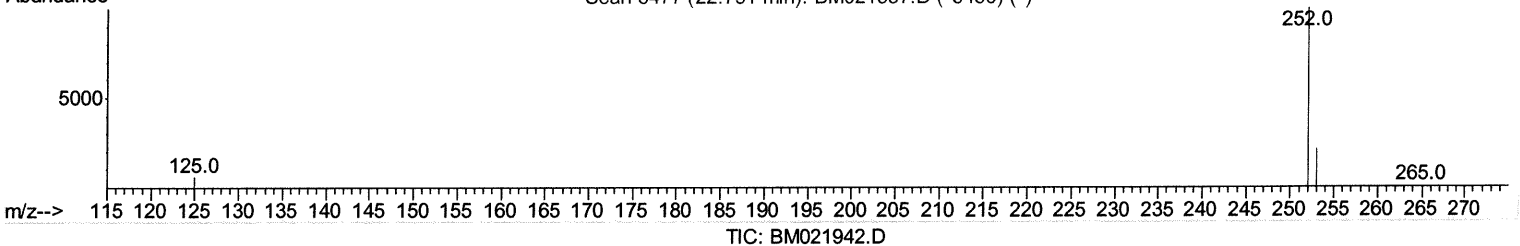
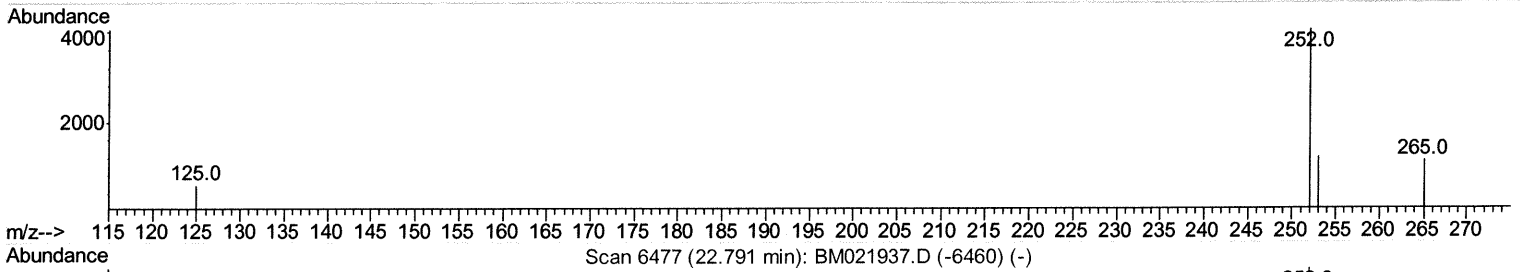
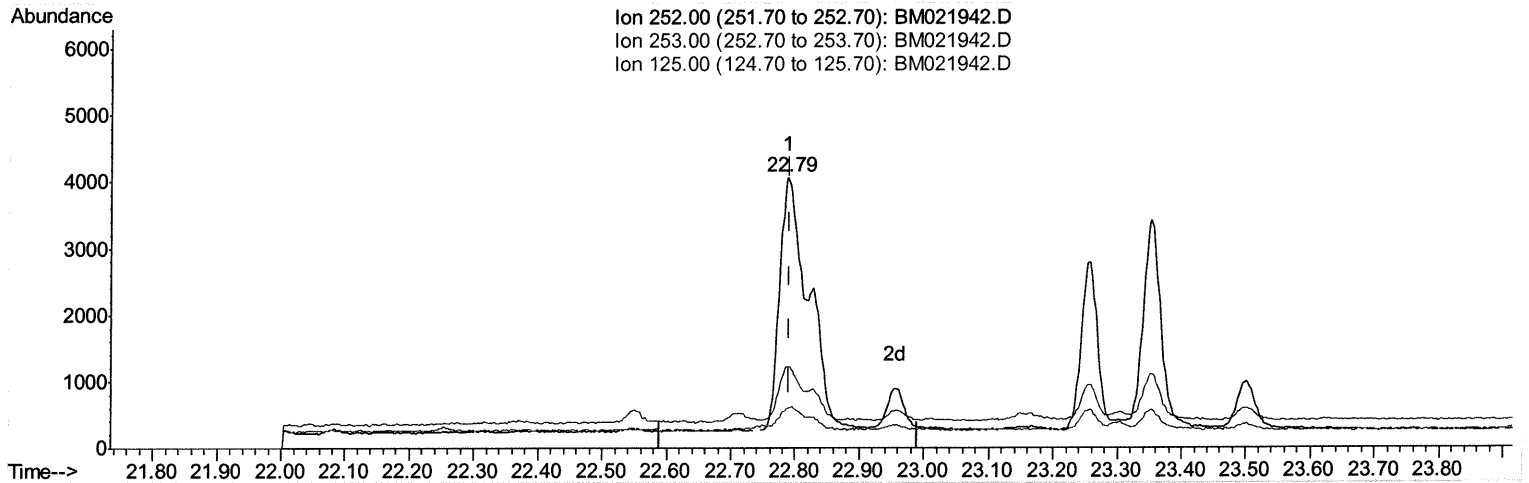
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080719\
 Data File : BM021942.D
 Acq On : 08 Aug 2019 20:33
 Operator : HP/JU
 Sample : K4028-13DL 5X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BENZ3DL

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:13:26 AM

Quant Time: Aug 09 04:00:57 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 : Fri Aug 09 01:29:50 2019
 Response via : Initial Calibration



(21) Benzo(b)fluoranthene

22.788min (-0.003) 0.58ng/ul

response 11972

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	29.90
125.00	15.50	14.74
0.00	0.00	0.00

Quantitation Report (Qedit)

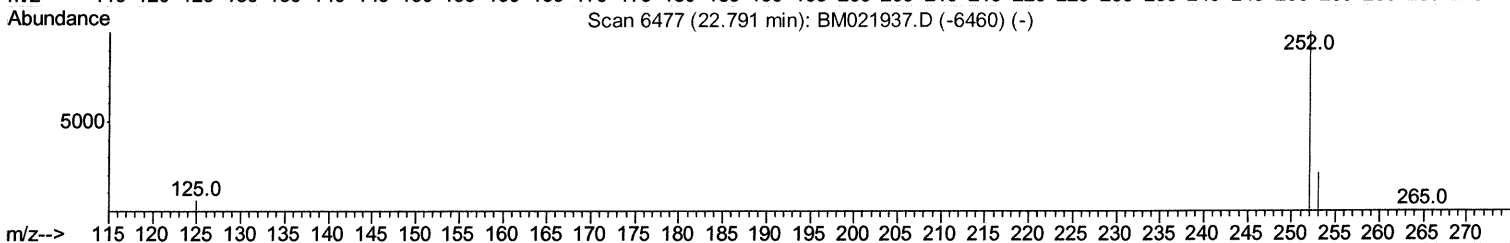
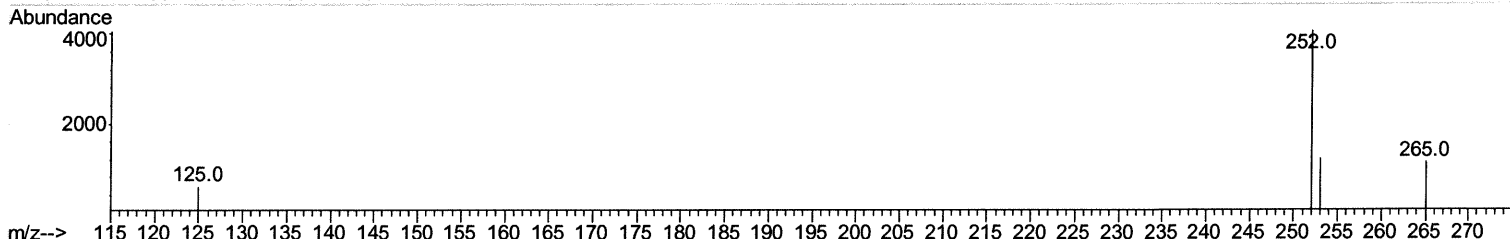
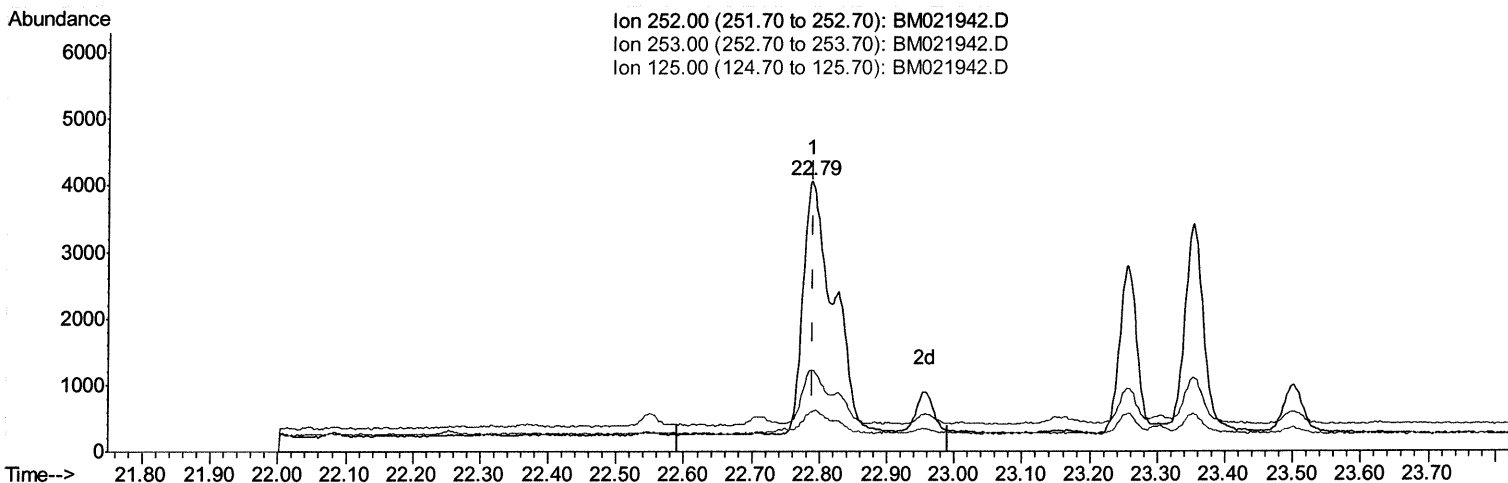
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080719\
 Data File : BM021942.D
 Acq On : 08 Aug 2019 20:33
 Operator : HP/JU
 Sample : K4028-13DL 5X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BENZ3DL

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:13:26 AM

Quant Time: Aug 09 04:00:57 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 : Fri Aug 09 01:29:50 2019
 Response via : Initial Calibration



TIC: BM021942.D

(21) Benzo(b)fluoranthene

22.788min (-0.003) 0.43ng/ul m *JU* 08/09/19

response 8930

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	29.90
125.00	15.50	14.74
0.00	0.00	0.00

Quantitation Report (Qedit)

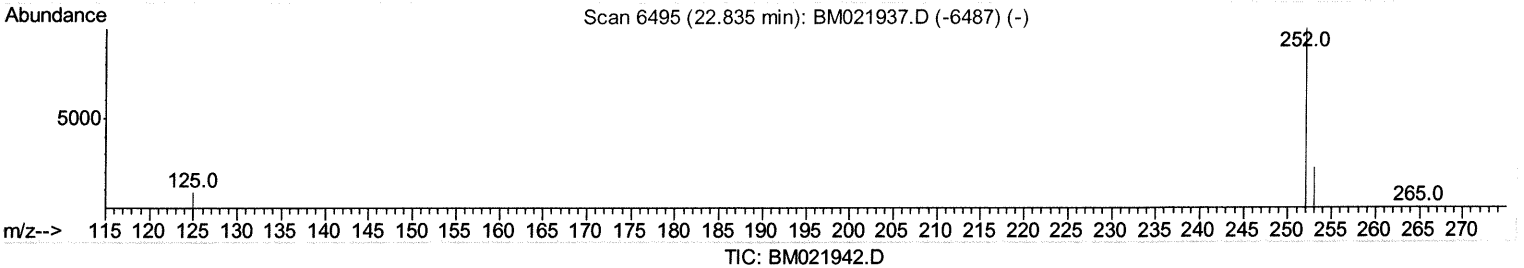
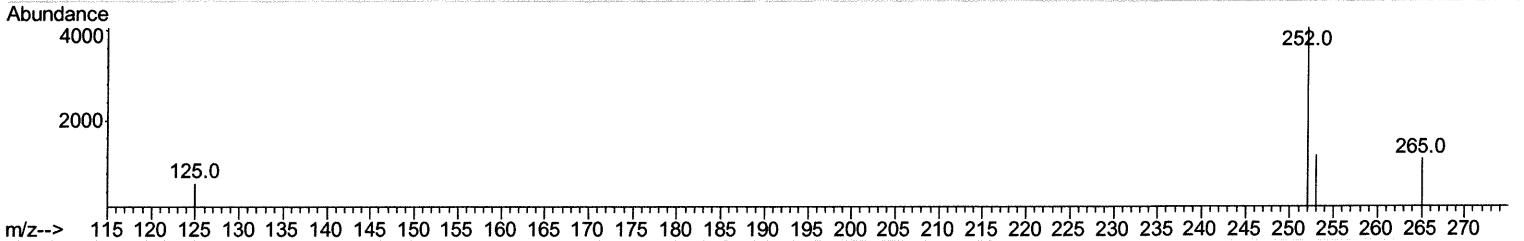
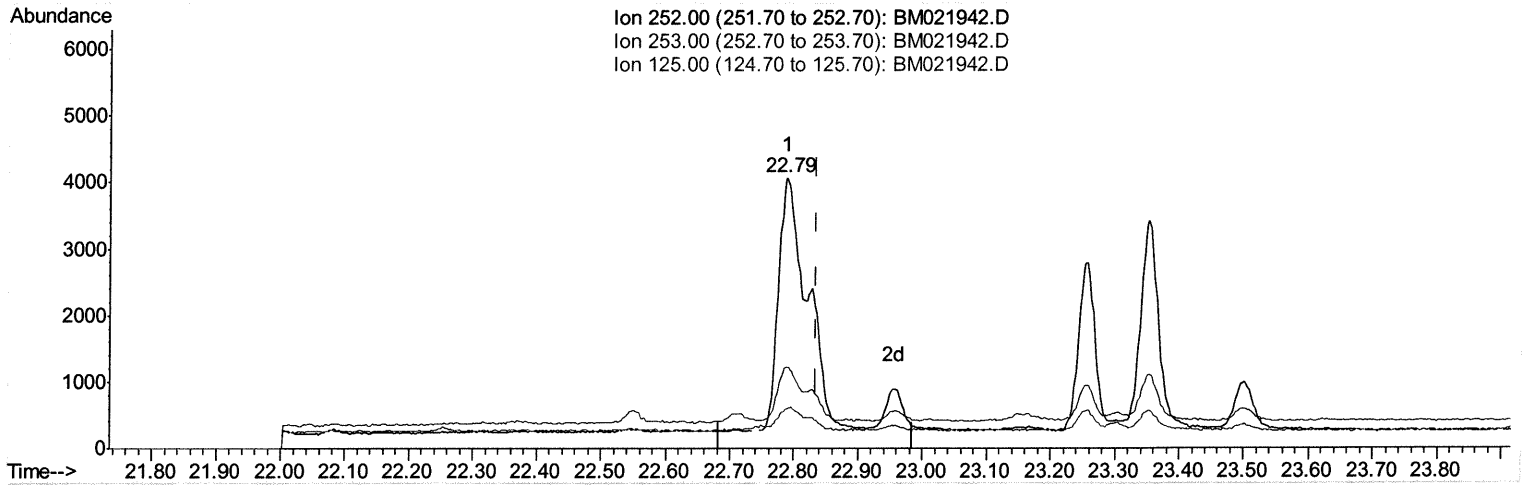
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080719\
 Data File : BM021942.D
 Acq On : 08 Aug 2019 20:33
 Operator : HP/JU
 Sample : K4028-13DL 5X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BENZ3DL

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:13:26 AM

Quant Time: Aug 09 04:00:57 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 : Fri Aug 09 01:29:50 2019
 Response via : Initial Calibration



(22) Benzo(k)fluoranthene

22.788min (-0.046) 0.51ng/ul

response 11972

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	29.90
125.00	15.20	14.74
0.00	0.00	0.00

Quantitation Report (Qedit)

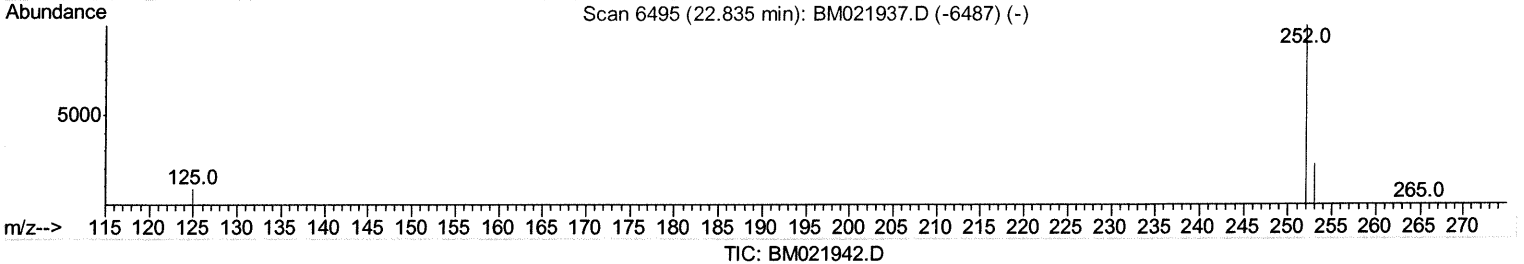
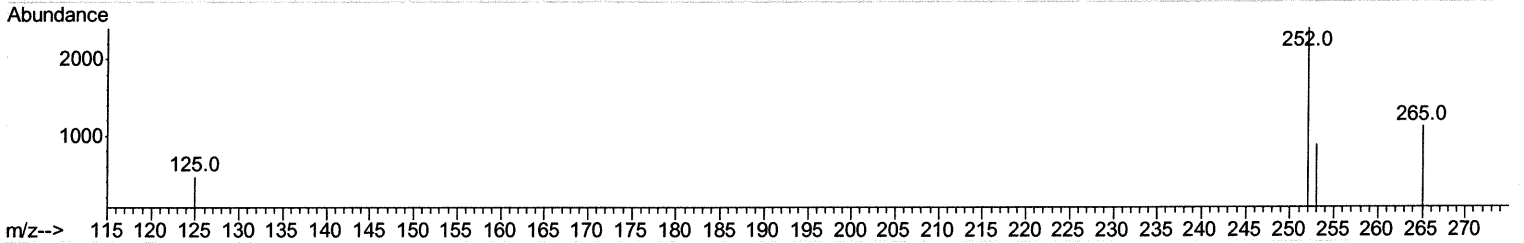
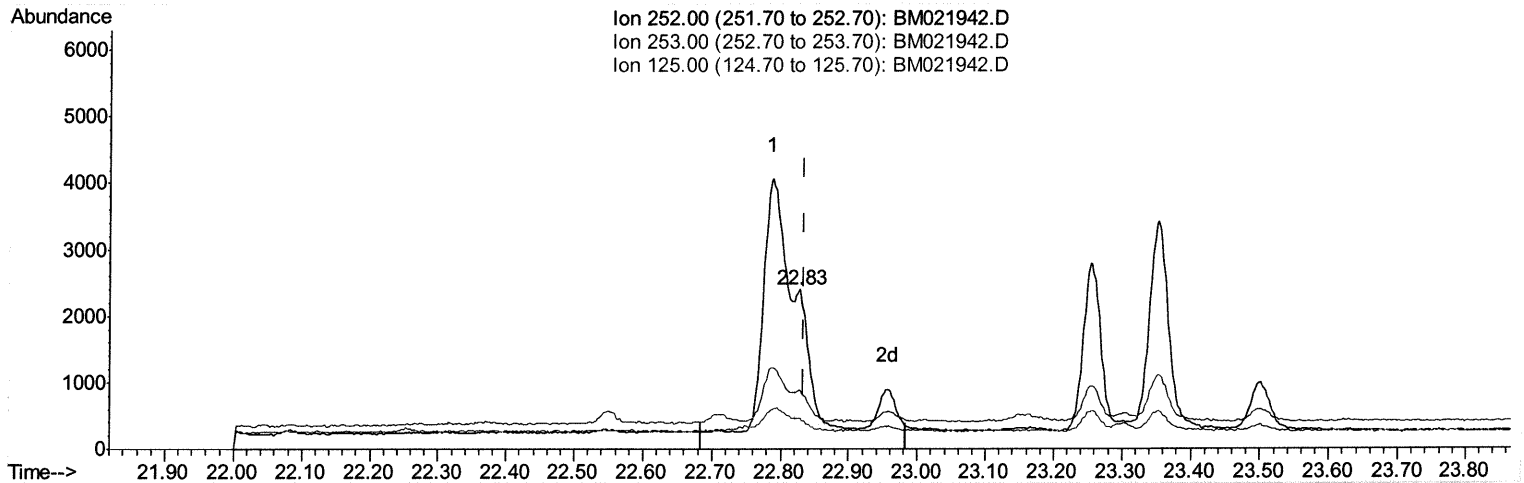
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080719\
 Data File : BM021942.D
 Acq On : 08 Aug 2019 20:33
 Operator : HP/JU
 Sample : K4028-13DL 5X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BENZ3DL

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:13:26 AM

Quant Time: Aug 09 04:00:57 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 : Fri Aug 09 01:29:50 2019
 Response via : Initial Calibration



(22) Benzo(k)fluoranthene

22.827min (-0.007) 0.11ng/ul m *JU 08/09/19*

response 2534

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	36.88
125.00	15.20	19.58#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080719\
 Data File : BM021942.D
 Acq On : 08 Aug 2019 20:33
 Operator : HP/JU
 Sample : K4028-13DL 5X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BENZ3DL

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:13:26 AM

Quant Time: Aug 09 04:05:14 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 : Fri Aug 09 01:29:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	918	0.40	ng/ul	0.00
2) Naphthalene-d8	10.41	136	3973	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.28	164	2183	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.03	188	4765	0.40	ng/ul	-0.01
16) Chrysene-d12	21.24	240	4600	0.40	ng/ul	0.00
20) Perylene-d12	23.45	264	6169	0.40	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.03	152	201	0.03	ng/ul	0.01
14) Fluoranthene-d10	19.07	212	522	0.03	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
7) Acenaphthylene	14.00	152	441	0.043	ng/ul#	71
8) Acenaphthene	14.34	153	220	0.026	ng/ul#	93
9) Fluorene	15.34	166	238	0.026	ng/ul#	90
12) Phenanthrene	17.07	178	4888	0.353	ng/ul	99
13) Anthracene	17.17	178	998	0.084	ng/ul#	86
15) Fluoranthene	19.10	202	12304	0.662	ng/ul	99
17) Pyrene	19.46	202	12256	0.648	ng/ul	98
18) Benzo(a)anthracene	21.22	228	6523	0.396	ng/ul	98
19) Chrysene	21.27	228	6261	0.296	ng/ul	97
21) Benzo(b)fluoranthene	22.79	252	8930m	0.429	ng/ul	97
22) Benzo(k)fluoranthene	22.83	252	2534m	0.108	ng/ul	97
23) Benzo(a)pyrene	23.35	252	5992	0.283	ng/ul	91
24) Indeno(1,2,3-cd)pyrene	25.67	276	4271	0.169	ng/ul#	96
25) Dibenzo(a,h)anthracene	25.67	278	991	0.049	ng/ul#	53
26) Benzo(a,h,i)perylene	26.35	276	4244	0.187	ng/ul#	94

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