Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080719\

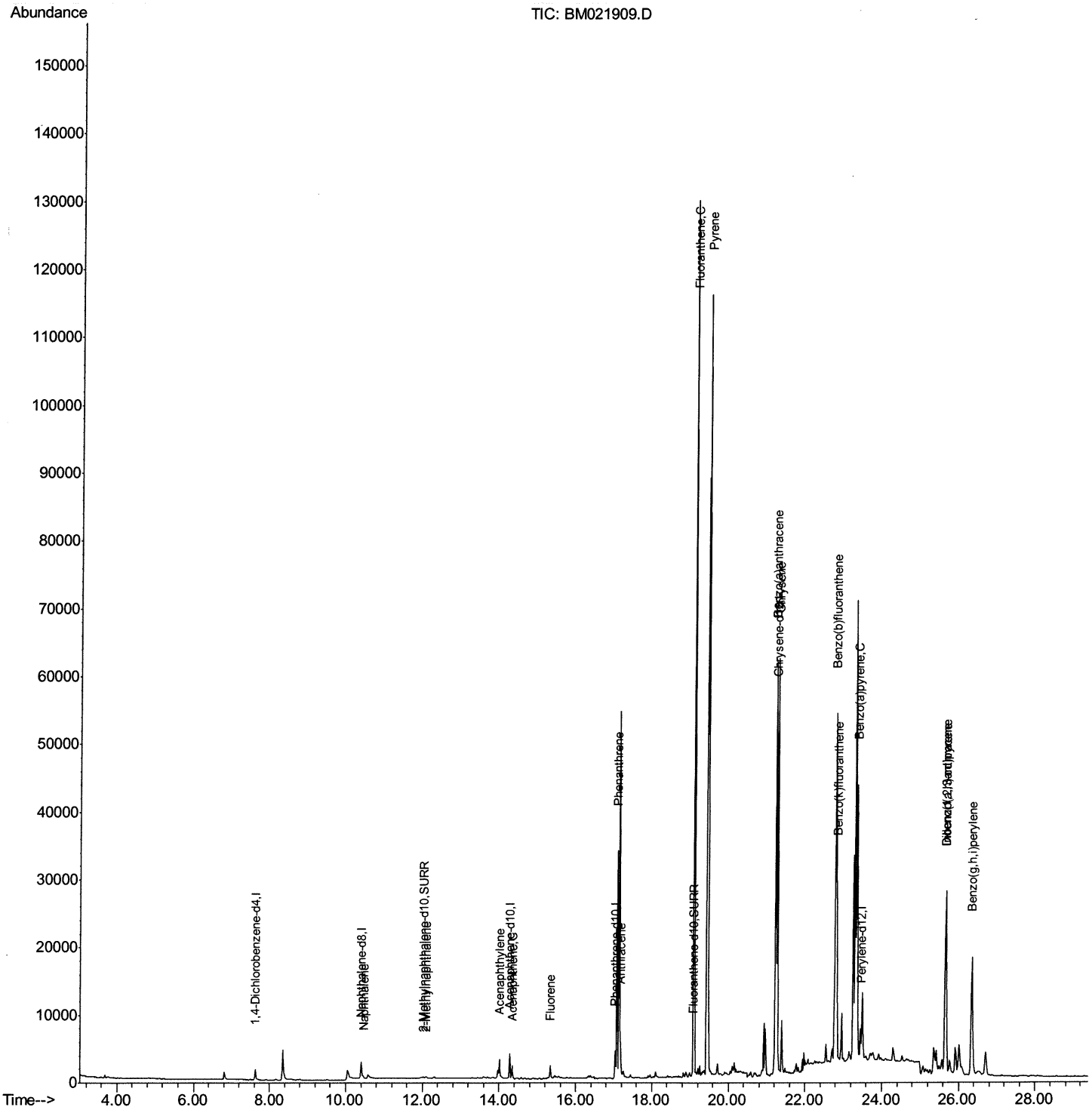
Quantitation Report (QT Reviewed)

Data File : BM021909.D
Acq On : 07 Aug 2019 23:08
Operator : HP/JU
Sample : K3893-05DL 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Aug 08 05:45:08 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 : Thu Aug 08 04:39:13 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BEP11DL

Manual Integrations APPROVED
mohammad
8/9/2019 6:11:00 AM



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080719\

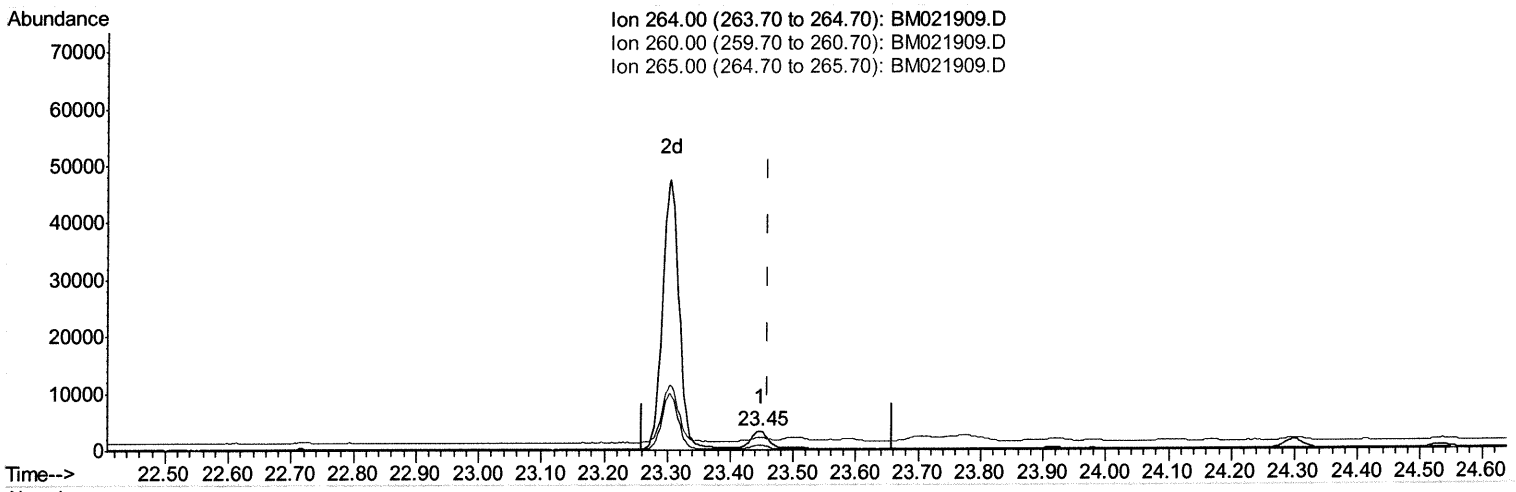
Quantitation Report (Qedit)

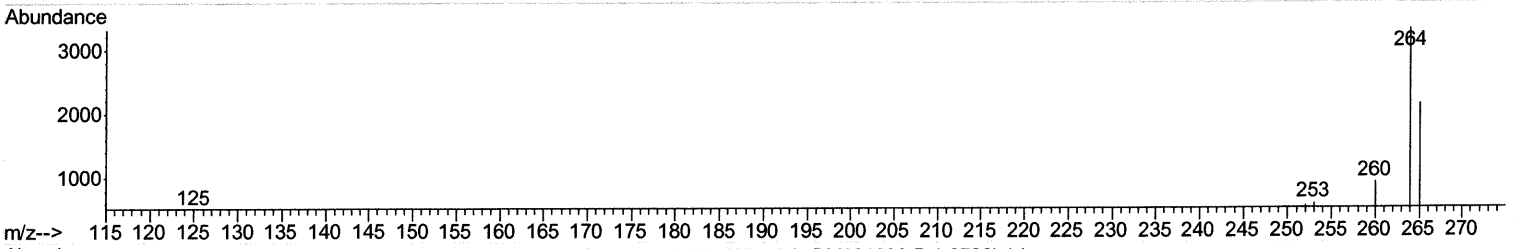
Data File : BM021909.D
Acq On : 07 Aug 2019 23:08
Operator : HP/JU
Sample : K3893-05DL 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

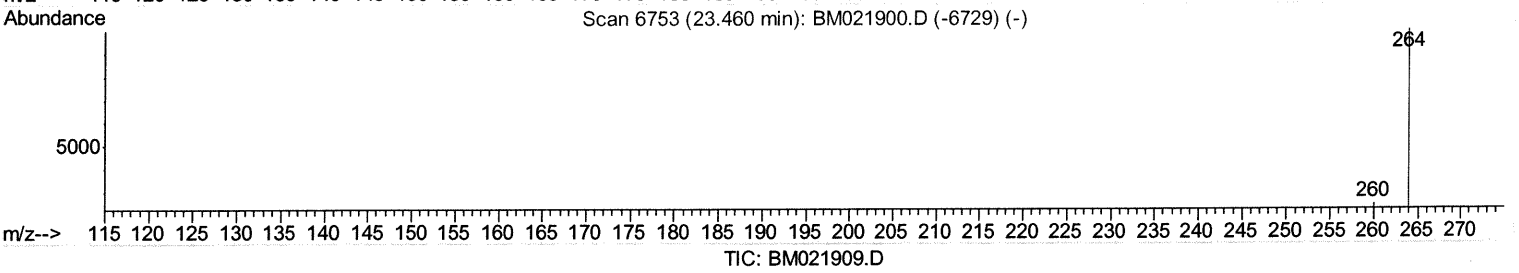
Quant Time: Aug 08 04:43:16 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 08 04:39:13 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BEP11DL

Manual Integrations APPROVED
mohammad
8/9/2019 6:11:00 AM







TIC: BM021909.D

(20) Perylene-d12 (I)

23.448min (-0.012) 0.40ng/ul

response 7231

Ion	Exp%	Act%
264.00	100	100
260.00	27.50	27.72
265.00	117.00	65.05#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080719\

Quantitation Report (Qedit)

Data File : BM021909.D
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BNA_M
ClientSampleId :
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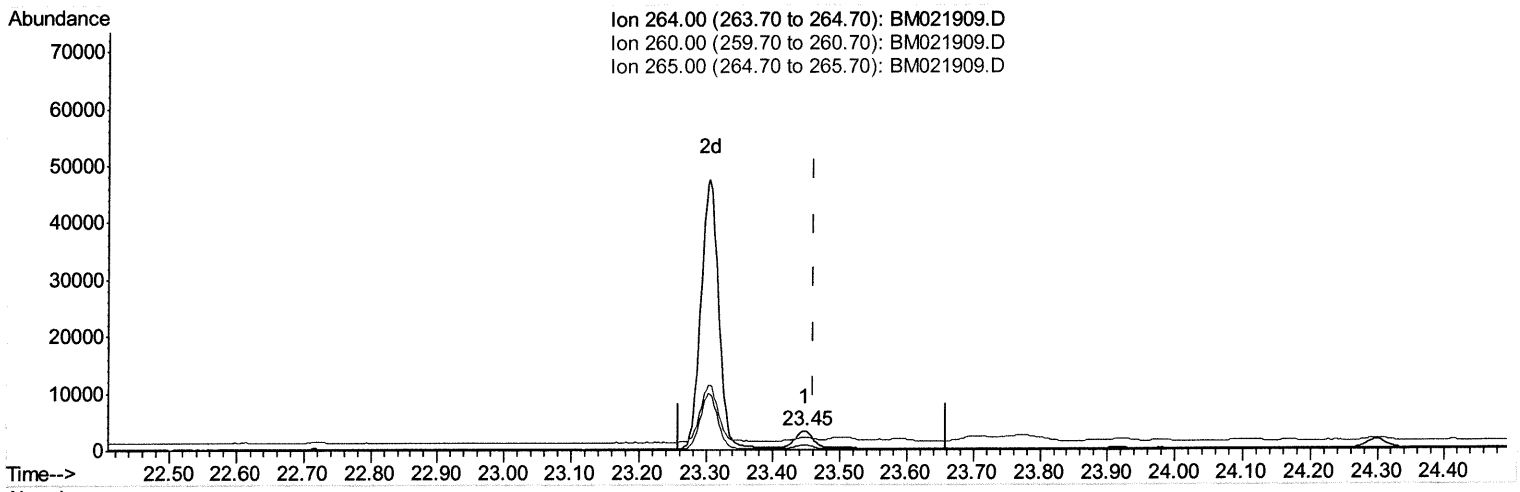
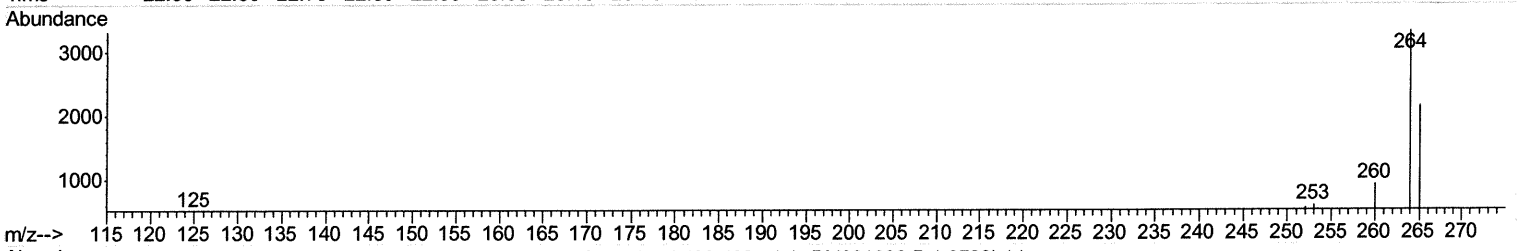
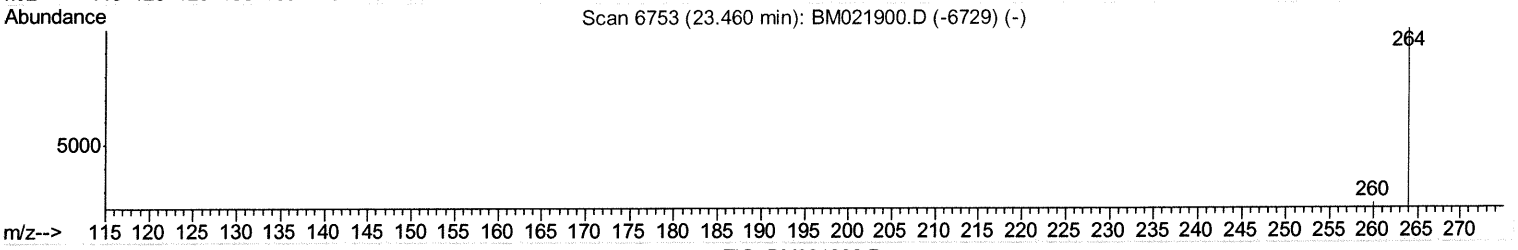
Manual Integrations APPROVED
mohammad
8/9/2019 6:11:00 AM







TIC: BM021909.D

(20) Perylene-d12 (I)

23.448min (-0.012) 0.40ng/ul m JU 08/08/19

response 5623

Ion	Exp%	Act%
264.00	100	100
260.00	27.50	27.72
265.00	117.00	65.05#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080719\

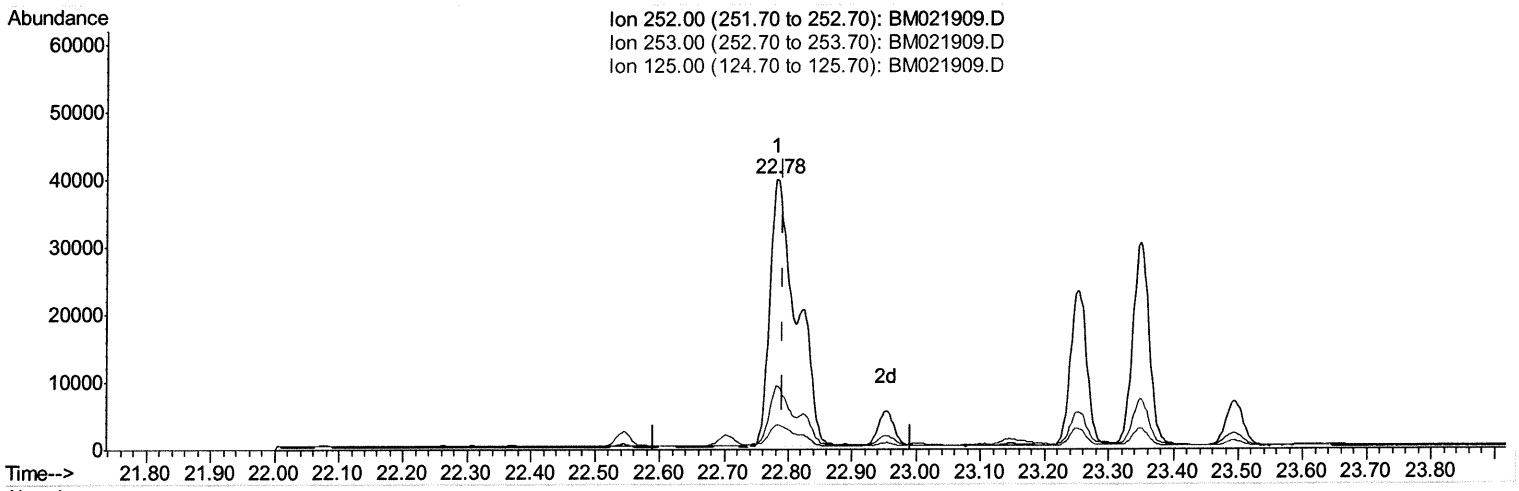
Quantitation Report (Qedit)

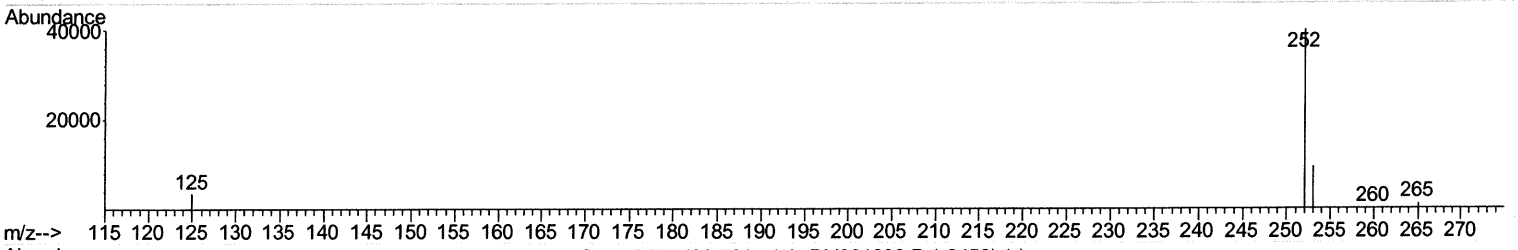
Data File : BM021909.D
Acq On : 07 Aug 2019 23:08
Operator : HP/JU
Sample : K3893-05DL 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Aug 08 05:44:28 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 : Thu Aug 08 04:39:13 2019
Response via : Initial Calibration

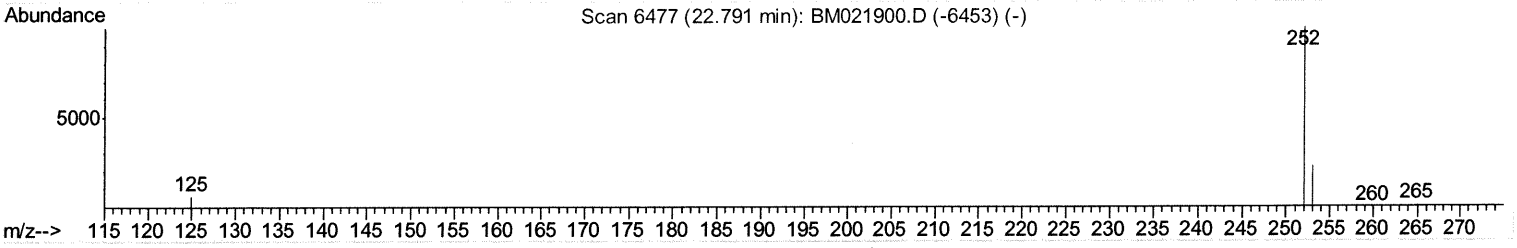
Instrument :
BNA_M
ClientSampleId :
BEP11DL

Manual Integrations APPROVED
mohammad
8/9/2019 6:11:00 AM





Scan 6477 (22.791 min): BM021900.D (-6453) (-)



TIC: BM021909.D

(21) Benzo(b)fluoranthene

22.781min (-0.009) 6.12ng/ul

response 116038

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	23.47
125.00	15.50	9.01
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080719\

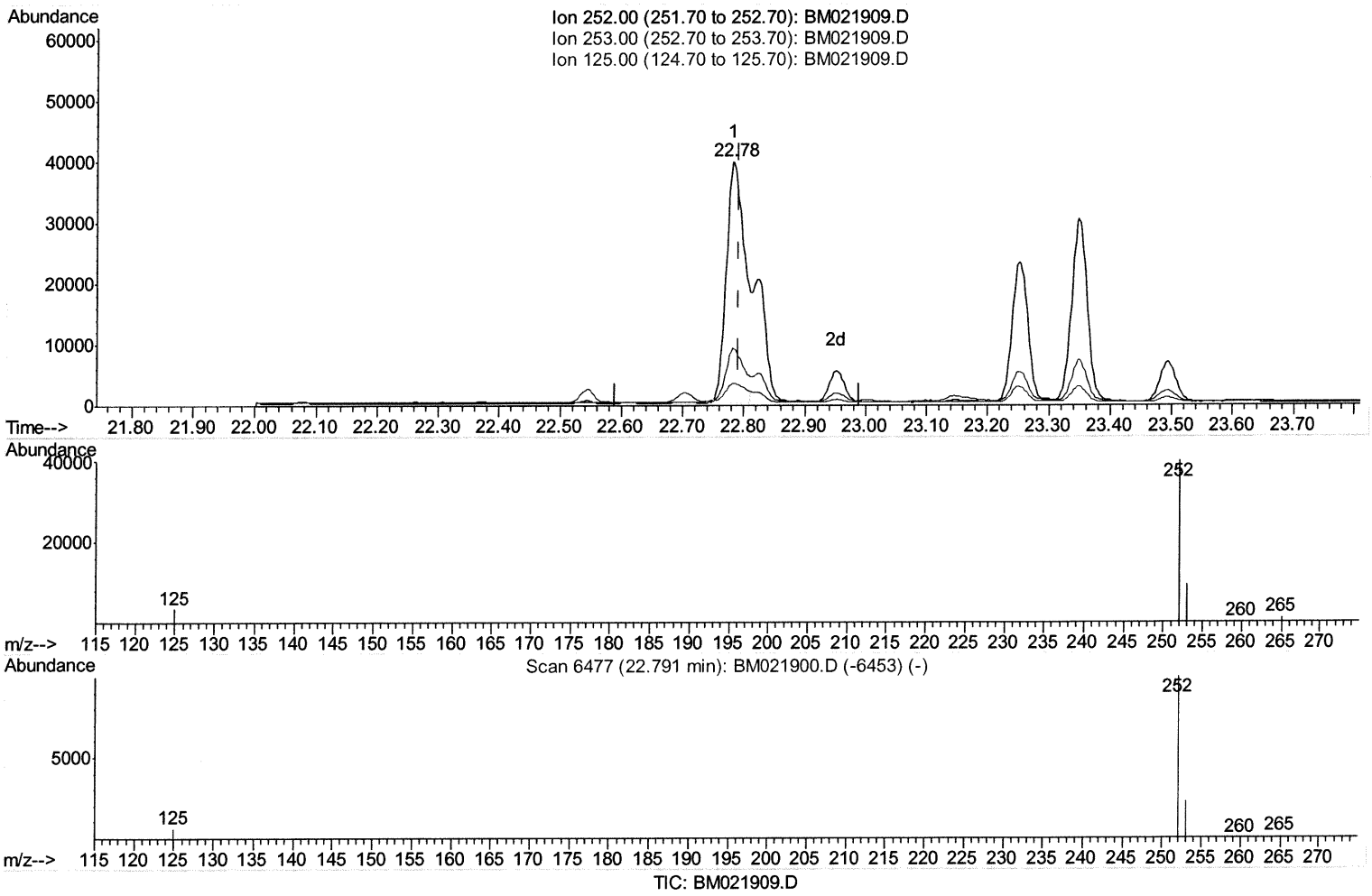
Quantitation Report (Qedit)

Data File : BM021909.D
Acq On : 07 Aug 2019 23:08
Operator : HP/JU
Sample : K3893-05DL 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Aug 08 05:44:28 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 : Thu Aug 08 04:39:13 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BEP11DL

Manual Integrations APPROVED
mohammad
8/9/2019 6:11:00 AM



TIC: BM021909.D

(21) Benzo(b)fluoranthene

22.781min (-0.009) 4.40ng/ul m Ju 08/08/19

response 83365

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	23.47
125.00	15.50	9.01
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080719\

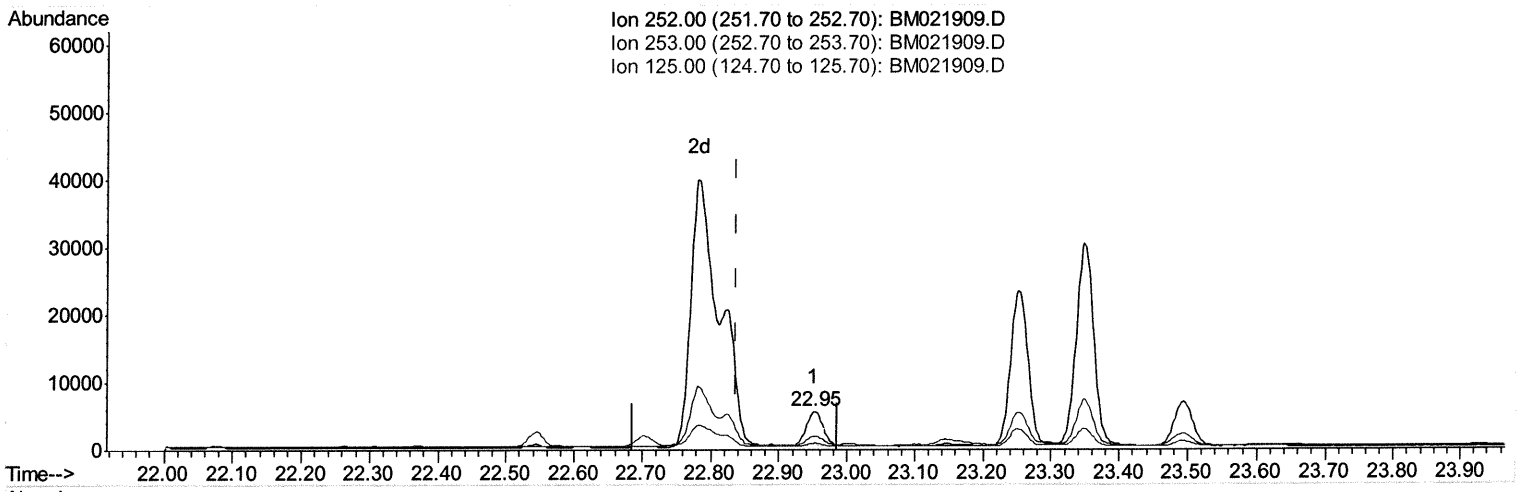
Quantitation Report (Qedit)

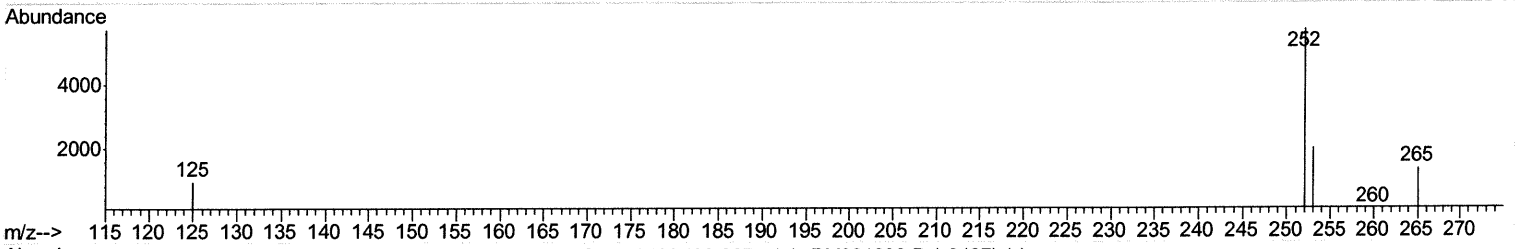
Data File : BM021909.D
Acq On : 07 Aug 2019 23:08
Operator : HP/JU
Sample : K3893-05DL 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

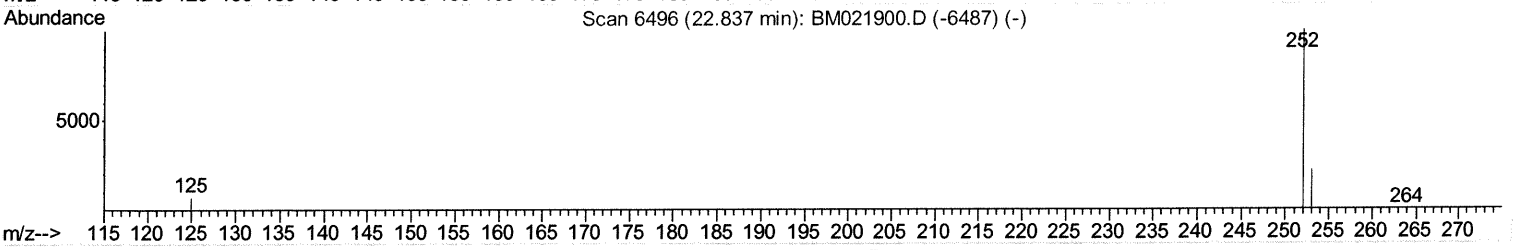
Quant Time: Aug 08 05:44:28 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 08 04:39:13 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BEP11DL

Manual Integrations APPROVED
mohammad
8/9/2019 6:11:00 AM







TIC: BM021909.D

(22) Benzo(k)fluoranthene

22.951min (+0.114) 0.35ng/ul

response 7595

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	34.68
125.00	15.20	16.96
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080719\

Quantitation Report (Qedit)

Data File : BM021909.D
Acq On : 07 Aug 2019 23:08
Operator : HP/JU
Sample : K3893-05DL 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Aug 08 05:44:28 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 : Thu Aug 08 04:39:13 2019
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Instrument :
BNA_M
ClientSampleId :
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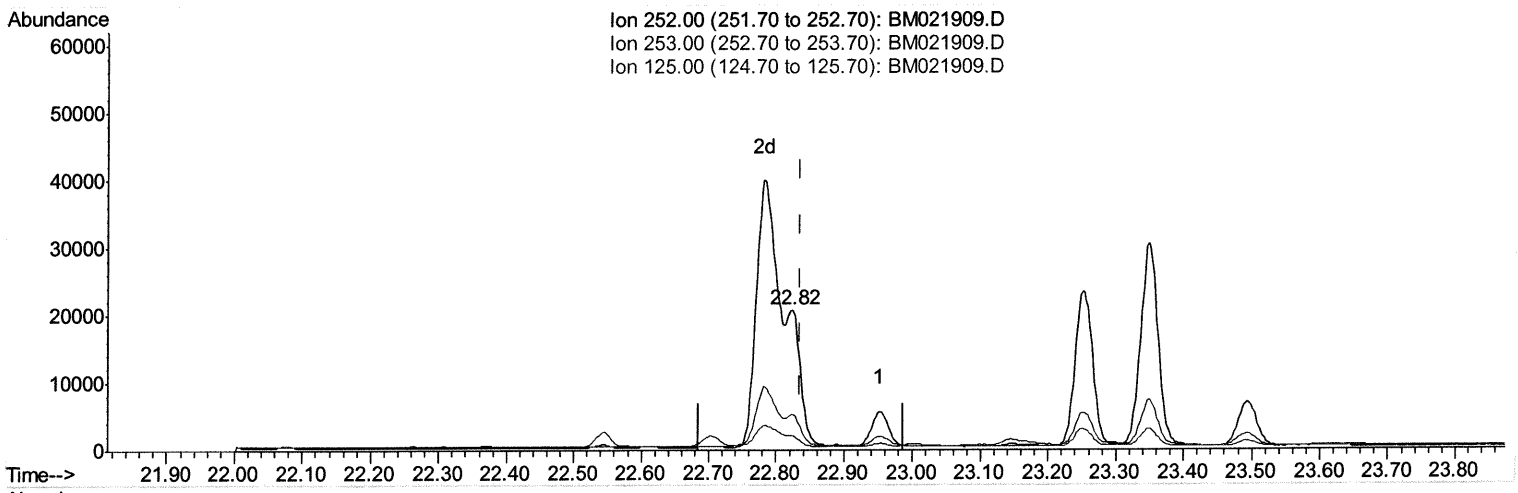
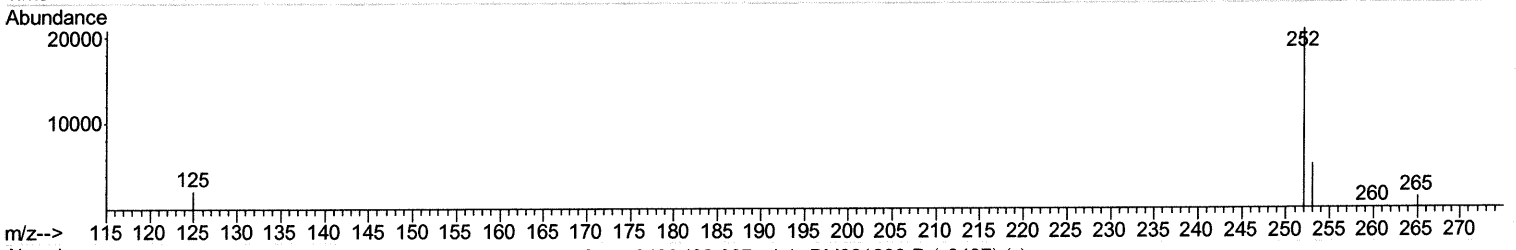
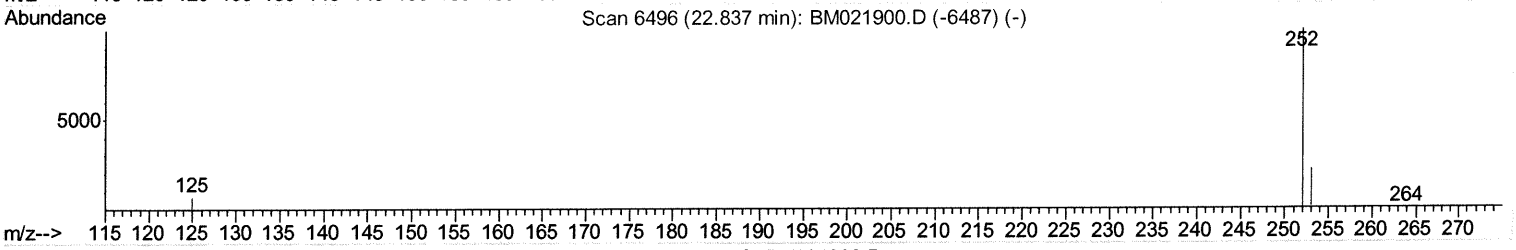
Manual Integrations APPROVED
mohammad
8/9/2019 6:11:00 AM







TIC: BM021909.D

(22) Benzo(k)fluoranthene

22.823min (-0.014) 1.51ng/ul m JU 08/08/19

response 32323

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	25.19#
125.00	15.20	10.56#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080719\

Quantitation Report (QT Reviewed)

Data File : BM021909.D
Acq On : 07 Aug 2019 23:08
Operator : HP/JU
Sample : K3893-05DL 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Aug 08 05:45:08 2019
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QLast Update : Thu Aug 08 04:39:13 2019
Response via : Initial Calibration

Instrument : BNA_M
ClientSampleId : BEP11DL

Manual Integrations APPROVED
mohammad
8/9/2019 6:11:00 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	867	0.40	ng/ul	0.00
2) Naphthalene-d8	10.41	136	3788	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.28	164	2212	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.03	188	5087	0.40	ng/ul	-0.01
16) Chrysene-d12	21.23	240	5091	0.40	ng/ul	0.00
20) Perylene-d12	23.45	264	5623m →	0.40	ng/ul	> -0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.03	152	342	0.05	ng/ul	0.00
14) Fluoranthene-d10	19.07	212	967	0.06	ng/ul	-0.02
Target Compounds						Qvalue
3) Naphthalene	10.46	128	493	0.046	ng/ul#	74
5) 2-Methylnaphthalene	12.10	142	259	0.036	ng/ul	95
7) Acenaphthylene	14.00	152	2075	0.201	ng/ul#	84
8) Acenaphthene	14.34	153	1211	0.143	ng/ul	97
9) Fluorene	15.34	166	1437	0.153	ng/ul	99
12) Phenanthrene	17.08	178	35632	2.407	ng/ul	96
13) Anthracene	17.17	178	6253	0.495	ng/ul	97
15) Fluoranthene	19.10	202	112518	5.675	ng/ul	96
17) Pyrene	19.46	202	99794	4.770	ng/ul	99
18) Benzo(a)anthracene	21.22	228	49107	2.697	ng/ul	99
19) Chrysene	21.27	228	61579	2.629	ng/ul	100
21) Benzo(b)fluoranthene	22.78	252	83365m →	4.397	ng/ul	> J
22) Benzo(k)fluoranthene	22.82	252	32323m →	1.506	ng/ul	> J
23) Benzo(a)pyrene	23.35	252	53633	2.781	ng/ul#	77
24) Indeno(1,2,3-cd)pyrene	25.66	276	42215	1.833	ng/ul#	94
25) Dibenzo(a,h)anthracene	25.66	278	9797	0.526	ng/ul	97
26) Benzo(g,h,i)perylene	26.34	276	37580	1.813	ng/ul	96

JU 08/08/19

JU 08/08/19

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