

Quantitation Report (QT Reviewed)

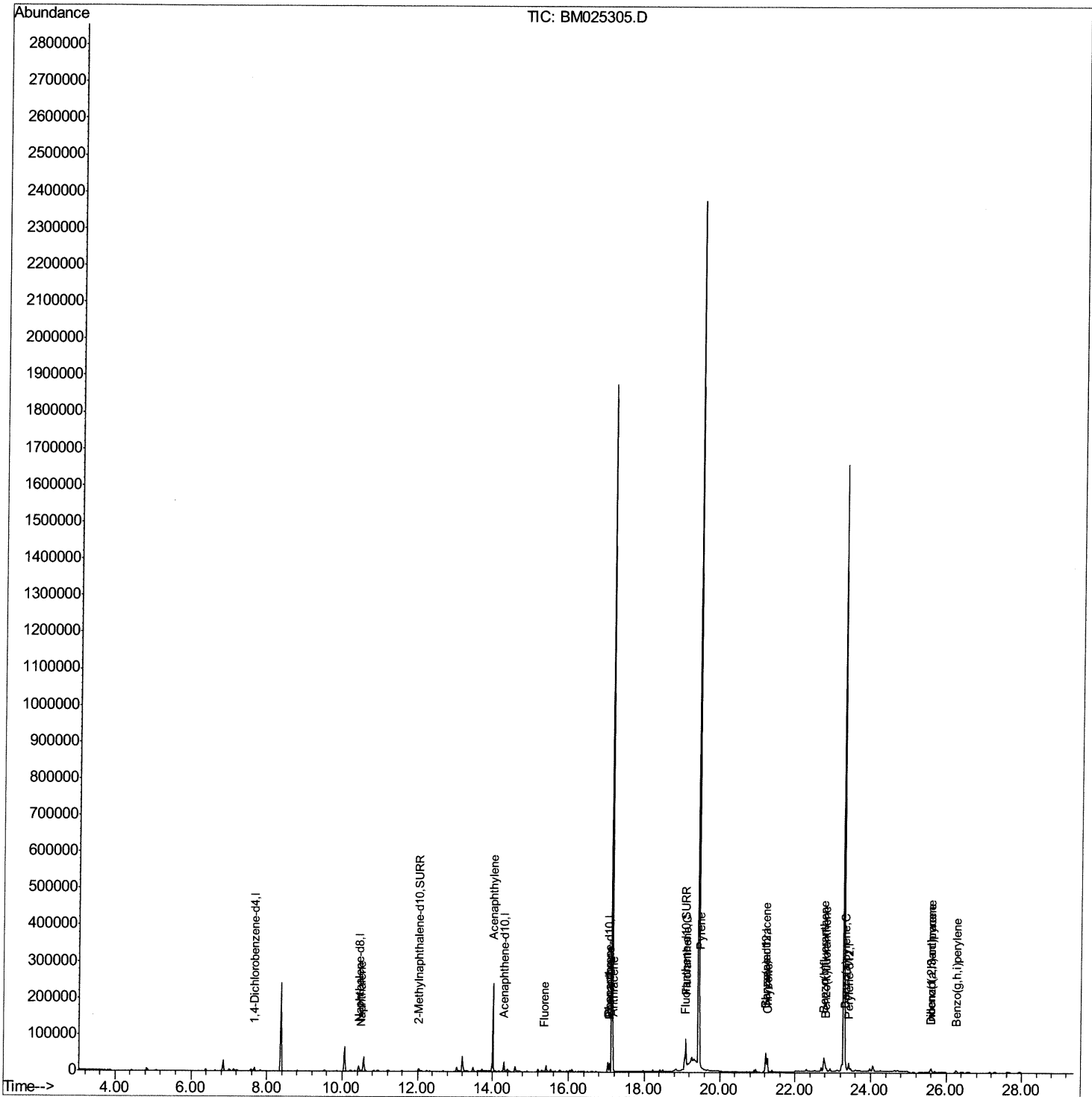
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030320\
 Data File : BM025305.D
 Acq On : 06 Mar 2020 02:46
 Operator : CG/JU
 Sample : L1568-09
 Misc :
 ALS Vial : 102 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBDB2

Quant Time: Mar 06 04:48:26 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 06 02:46:53 2020
 Response via : Initial Calibration

Manual Integrations
 APPROVED

mohammad
 3/6/2020 10:15:36 PM



Quantitation Report (Qedit)

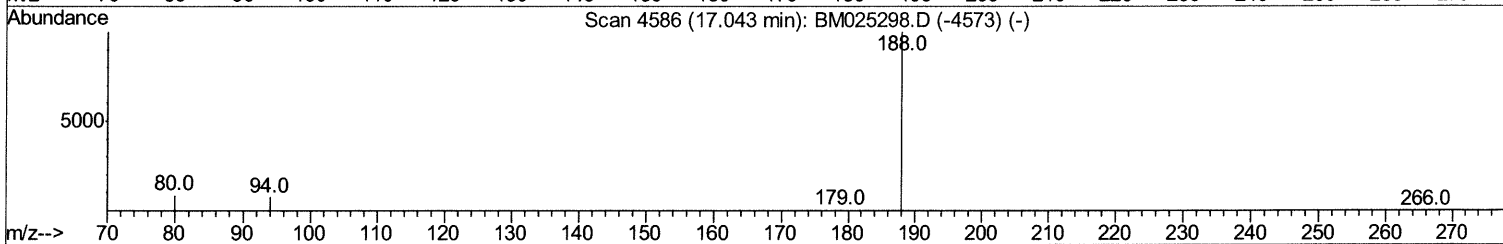
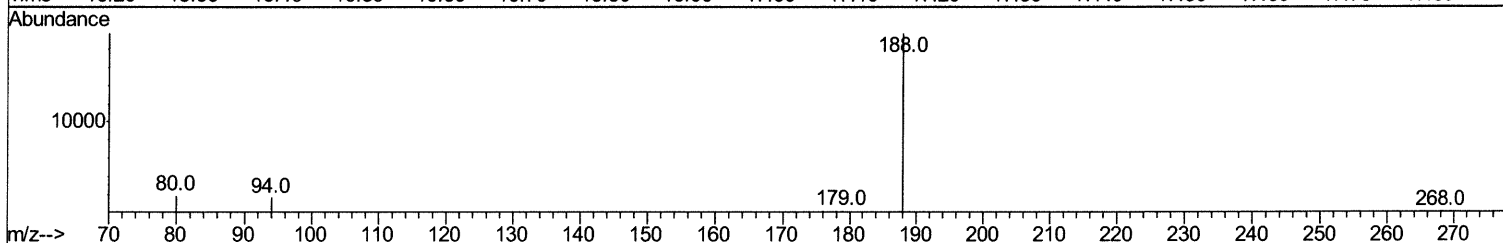
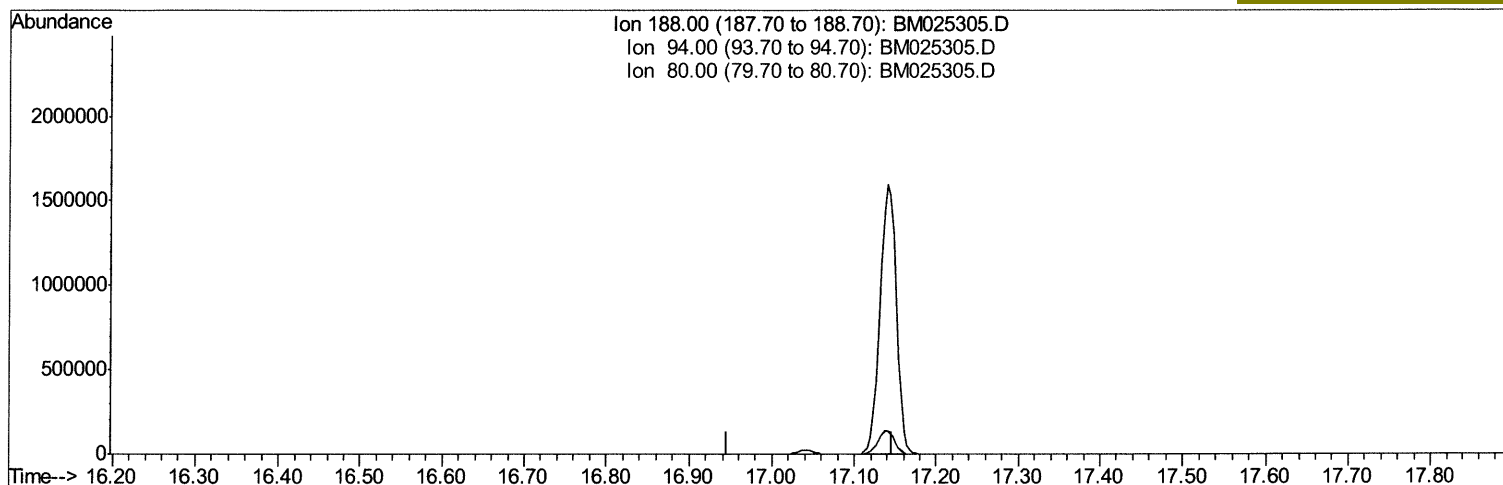
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030320\
Data File : BM025305.D
Acq On : 06 Mar 2020 02:46
Operator : CG/JU
Sample : L1568-09
Misc :
ALS Vial : 102 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBDB2

Quant Time: Mar 06 04:46:00 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 06 02:46:53 2020
Response via : Initial Calibration

Manual Integrations
APPROVED

mohammad
3/6/2020 10:15:36 PM



TIC: BM025305.D

(10) Phenanthrene-d10 (I)

17.046min (-17.046) 0.00ng/ul

response 0

Ion	Exp%	Act%
188.00	100	0.00
94.00	26.60	0.00#
80.00	22.60	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

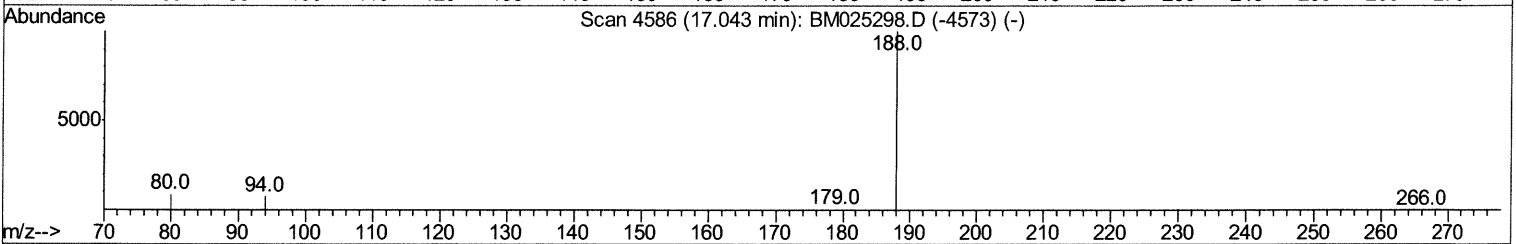
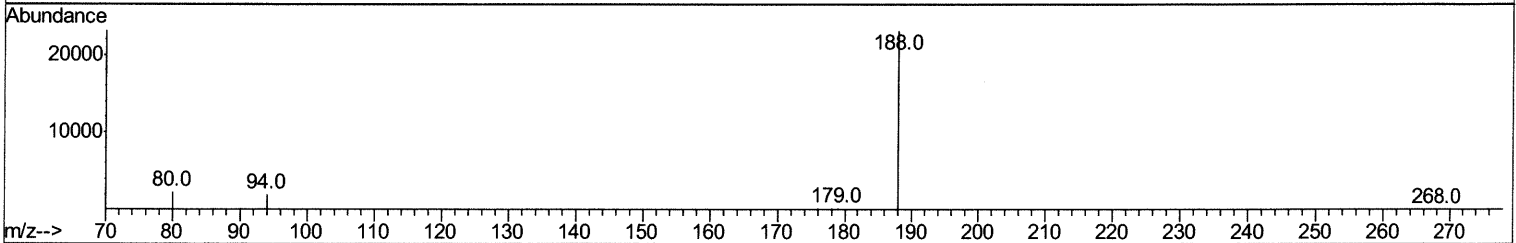
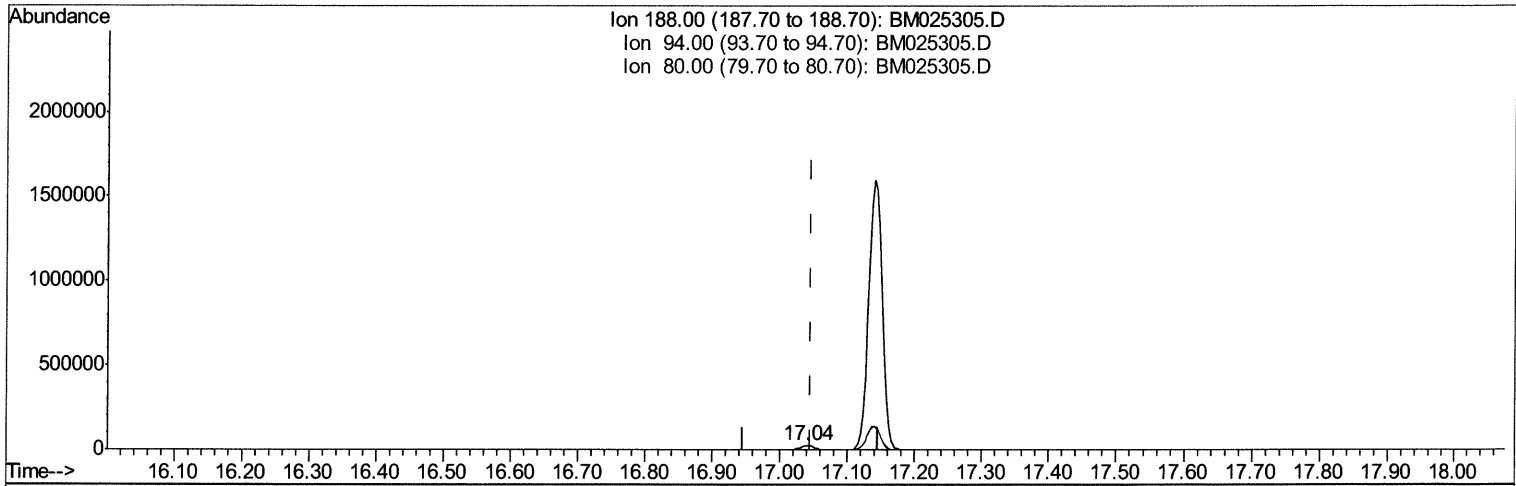
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030320\
 Data File : BM025305.D
 Acq On : 06 Mar 2020 02:46
 Operator : CG/JU
 Sample : L1568-09
 Misc :
 ALS Vial : 102 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBDB2

Quant Time: Mar 06 04:46:00 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 06 02:46:53 2020
 Response via : Initial Calibration

Manual Integrations
 APPROVED

mohammad
 3/6/2020 10:15:36 PM



TIC: BM025305.D

(10) Phenanthrene-d10 (I)

17.039min (-0.007) 0.40ng/ul m *Ju0106/20*

response 31720

Ion	Exp%	Act%
188.00	100	100
94.00	26.60	8.54#
80.00	22.60	10.10#
0.00	0.00	0.00

Quantitation Report (Qedit)

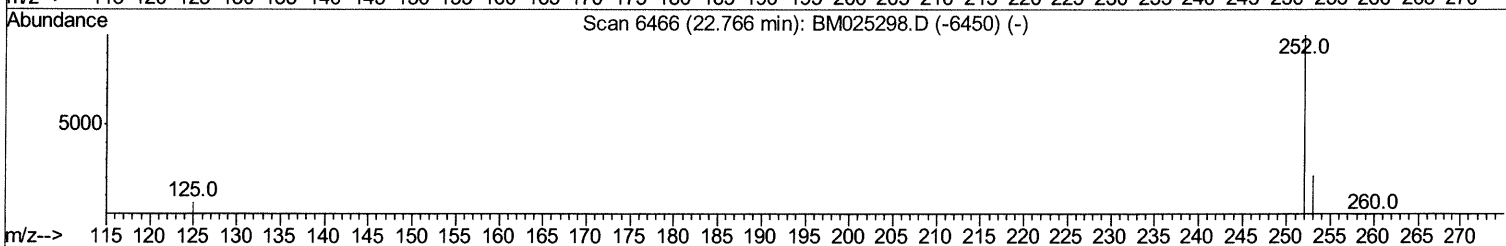
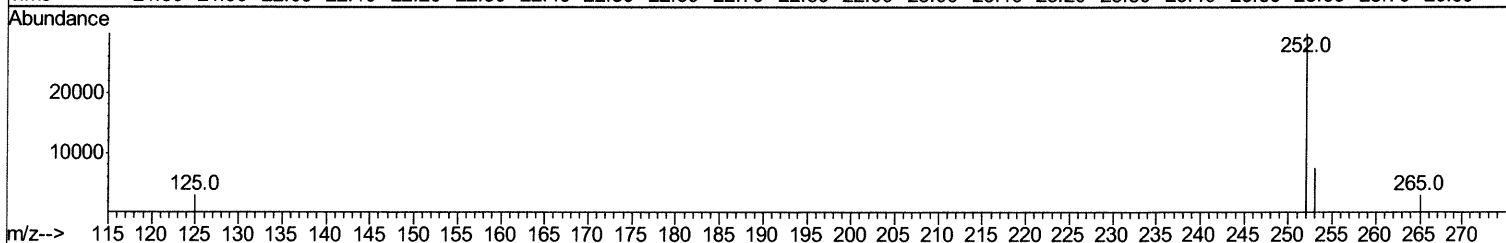
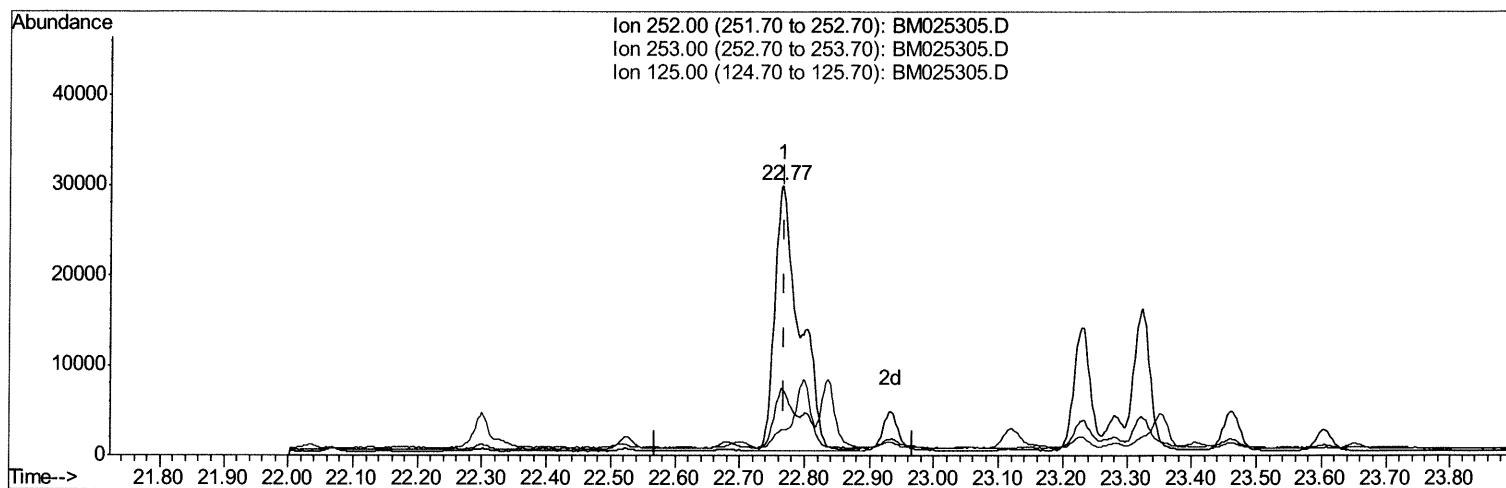
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030320\
 Data File : BM025305.D
 Acq On : 06 Mar 2020 02:46
 Operator : CG/JU
 Sample : L1568-09
 Misc :
 ALS Vial : 102 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBDB2

Quant Time: Mar 06 04:47:02 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 06 02:46:53 2020
 Response via : Initial Calibration

Manual Integrations
 APPROVED

mohammad
 3/6/2020 10:15:36 PM



TIC: BM025305.D

(21) Benzo(b)fluoranthene

22.767min (-0.002) 0.75ng/ul

response 78159

Ion	Exp%	Act%
252.00	100	100
253.00	24.90	24.77
125.00	14.30	9.70
0.00	0.00	0.00

Quantitation Report (Qedit)

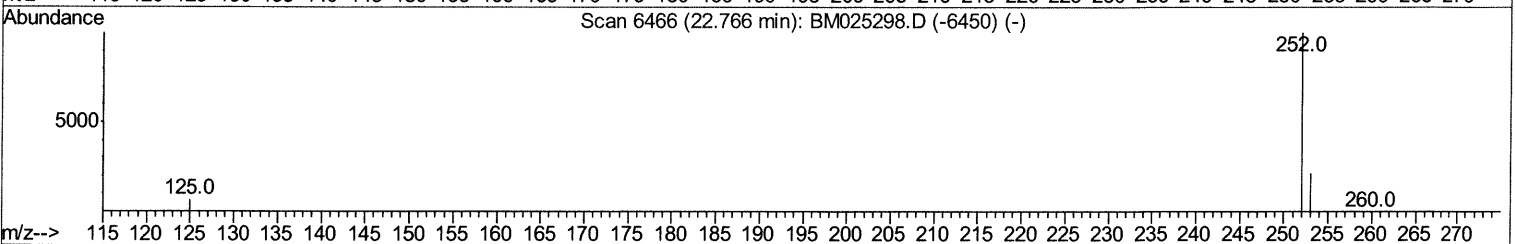
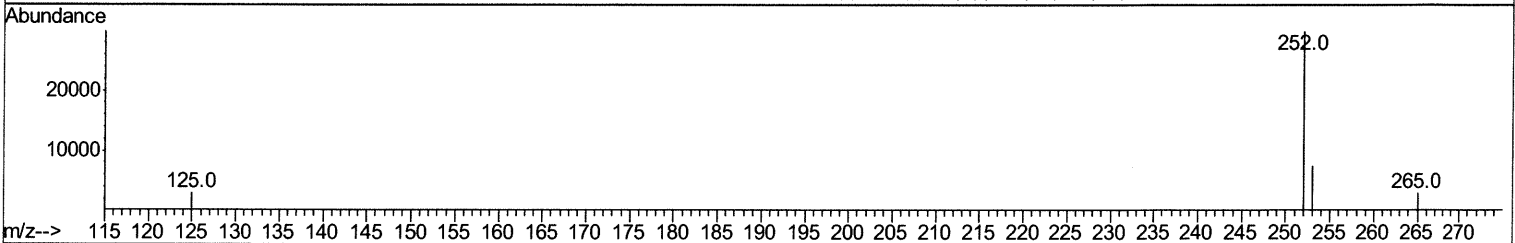
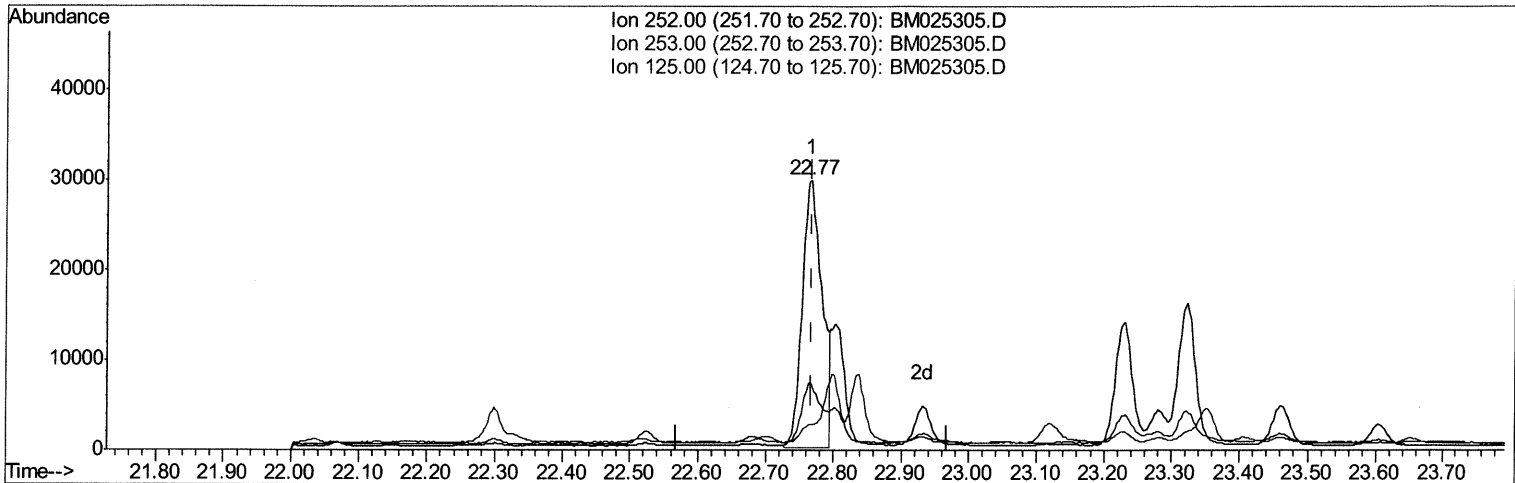
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030320\
 Data File : BM025305.D
 Acq On : 06 Mar 2020 02:46
 Operator : CG/JU
 Sample : L1568-09
 Misc :
 ALS Vial : 102 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBDB2

Quant Time: Mar 06 04:47:02 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 06 02:46:53 2020
 Response via : Initial Calibration

Manual Integrations
 APPROVED

mohammad
 3/6/2020 10:15:36 PM



TIC: BM025305.D

(21) Benzo(b)fluoranthene

22.767min (-0.002) 0.58ng/ul m 54026620

response 59768

Ion	Exp%	Act%
252.00	100	100
253.00	24.90	24.77
125.00	14.30	9.70
0.00	0.00	0.00

Quantitation Report (Qedit)

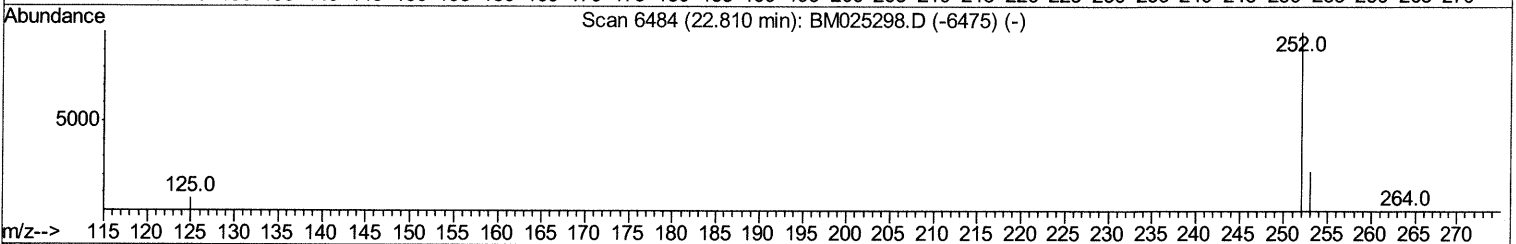
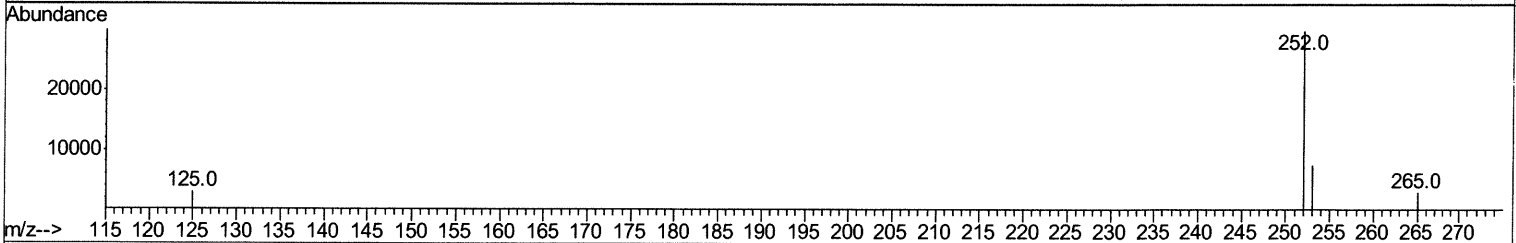
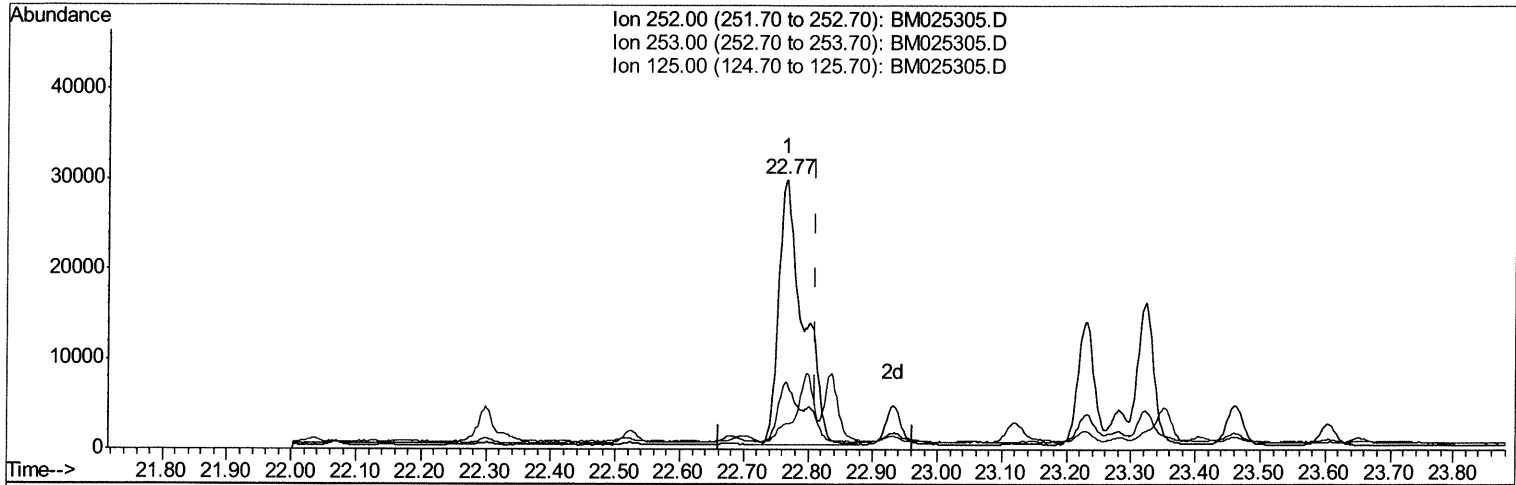
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030320\
 Data File : BM025305.D
 Acq On : 06 Mar 2020 02:46
 Operator : CG/JU
 Sample : L1568-09
 Misc :
 ALS Vial : 102 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBDB2

Quant Time: Mar 06 04:47:02 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 06 02:46:53 2020
 Response via : Initial Calibration

Manual Integrations
 APPROVED

mohammad
 3/6/2020 10:15:36 PM



(22) Benzo(k)fluoranthene
 22.767min (-0.046) 0.72ng/ul
 response 78184

Ion	Exp%	Act%
252.00	100	100
253.00	24.20	24.77
125.00	13.40	9.70#
0.00	0.00	0.00

Quantitation Report (Qedit)

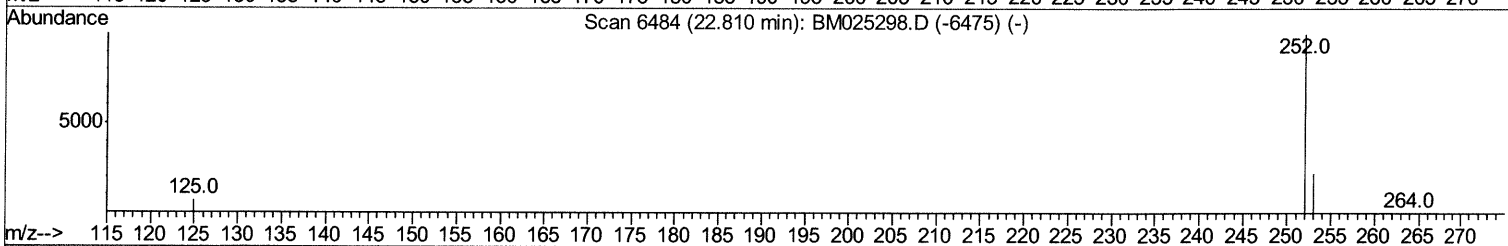
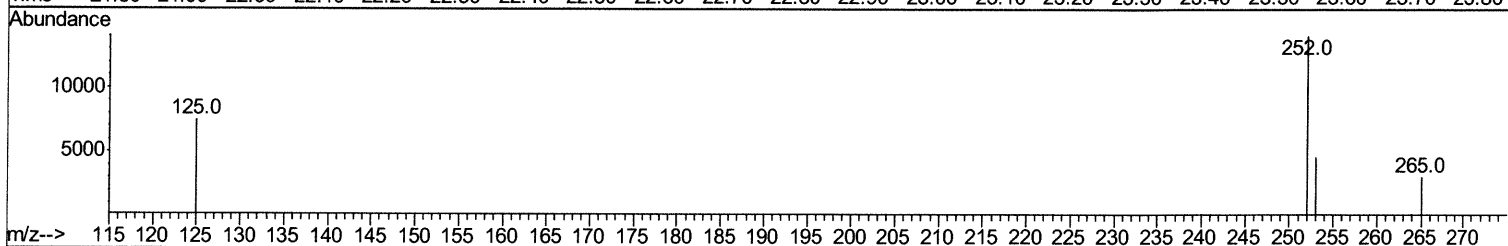
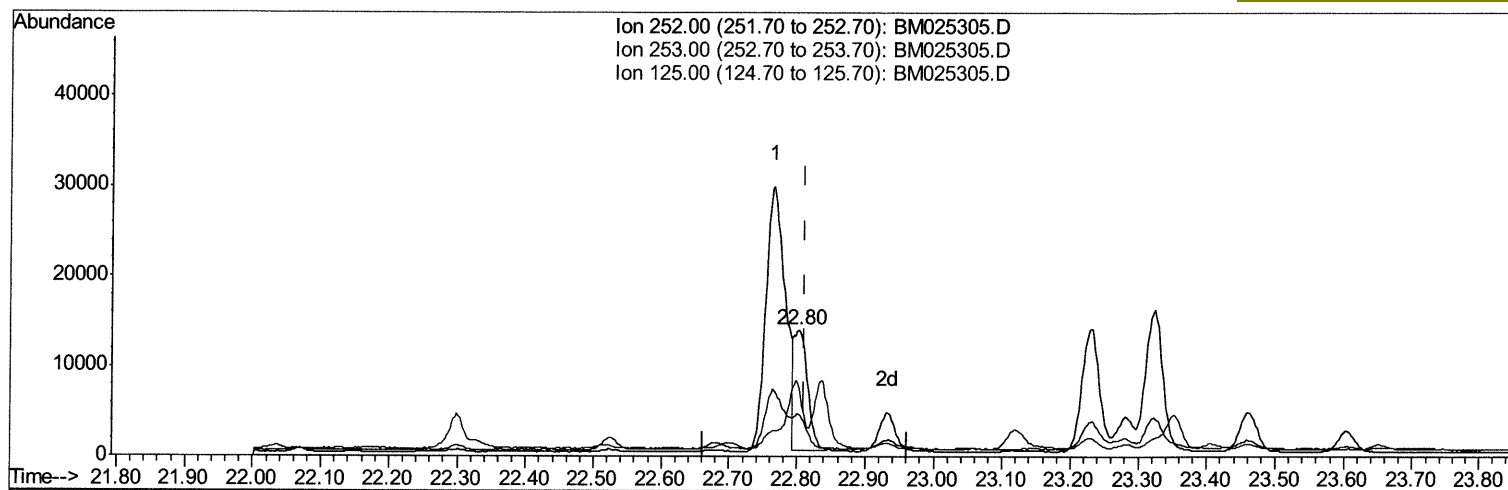
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030320\
Data File : BM025305.D
Acq On : 06 Mar 2020 02:46
Operator : CG/JU
Sample : L1568-09
Misc :
ALS Vial : 102 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBDB2

Quant Time: Mar 06 04:47:02 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 06 02:46:53 2020
Response via : Initial Calibration

Manual Integrations
APPROVED

mohammad
3/6/2020 10:15:36 PM



TIC: BM025305.D

(22) Benzo(k)fluoranthene

22.803min (-0.009) 0.17ng/ul m

2020/03/06

response 18665

Ion	Exp%	Act%
252.00	100	100
253.00	24.20	32.94#
125.00	13.40	53.15#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030320\
 Data File : BM025305.D
 Acq On : 06 Mar 2020 02:46
 Operator : CG/JU
 Sample : L1568-09
 Misc :
 ALS Vial : 102 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBDB2

Quant Time: Mar 06 04:48:26 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 06 02:46:53 2020
 Response via : Initial Calibration

Manual Integrations
 APPROVED

mohammad
 3/6/2020 10:15:36 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	3986	0.40	ng/ul	0.00
2) Naphthalene-d8	10.44	136	17948	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.30	164	13627	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.04	188	31720m>	0.40	ng/ul>	0.00
16) Chrysene-d12	21.23	240	33450	0.40	ng/ul	0.00
20) Perylene-d12	23.42	264	25943	0.40	ng/ul	0.00

Ju 03/06/20

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.03	152	10276	0.31	ng/ul	0.00
14) Fluoranthene-d10	19.07	212	33215	0.32	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Naphthalene	10.49	128	2226	0.041	ng/ul#	91
7) Acenaphthylene	14.01	152	2772	0.043	ng/ul#	91
9) Fluorene	15.35	166	1373	0.022	ng/ul#	94
12) Phenanthrene	17.08	178	24701	0.241	ng/ul	96
13) Anthracene	17.17	178	8955	0.099	ng/ul	98
15) Fluoranthene	19.10	202	96953	0.757	ng/ul	94
17) Pyrene	19.46	202	84922	0.669	ng/ul#	95
18) Benzo(a)anthracene	21.21	228	35966	0.293	ng/ul	96
19) Chrysene	21.26	228	44739	0.331	ng/ul	99
21) Benzo(b)fluoranthene	22.77	252	59768m	0.576	ng/ul	
22) Benzo(k)fluoranthene	22.80	252	18665m}	0.171	ng/ul}	
23) Benzo(a)pyrene	23.32	252	27596	0.317	ng/ul#	96
24) Indeno(1,2,3-cd)pyrene	25.59	276	17281	0.159	ng/ul#	100
25) Dibenzo(a,h)anthracene	25.60	278	3773	0.042	ng/ul#	63
26) Benzo(a,h,i)perylene	26.25	276	11557	0.125	ng/ul	96

Ju 03/06/20

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