

Quantitation Report (QT Reviewed)

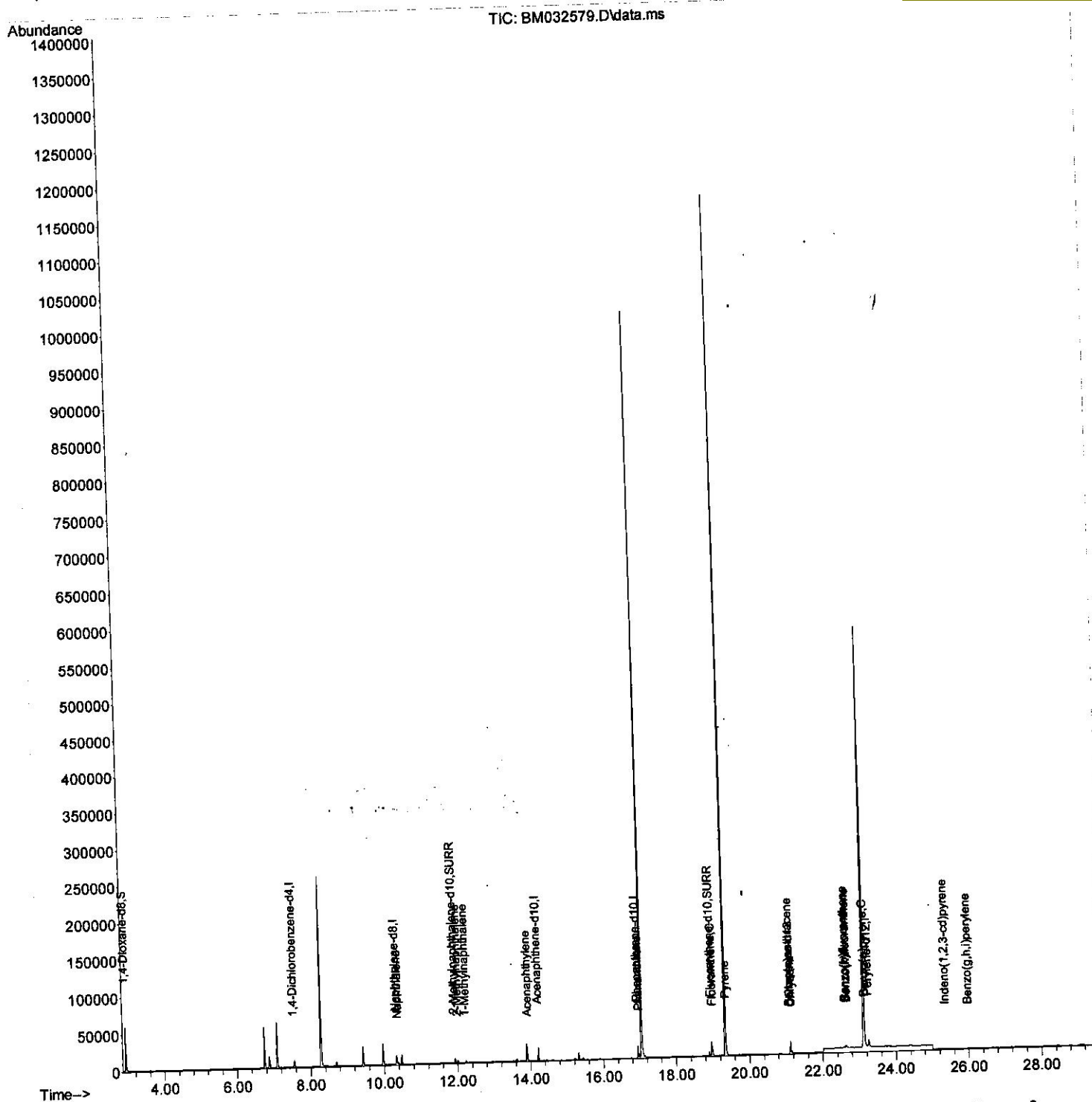
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101821\
 Data File : BM032579.D
 Acq On : 18 Oct 2021 18:35
 Operator : CG/JU
 Sample : M4181-11
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0B53

Quant Time: Oct 19 04:29:06 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM101421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 18 10:38:29 2021
 Response via : Initial Calibration

Manual Integrations
 APPROVED

mohammad
 10/19/2021 12:11:01 PM



Quantitation Report (Qedit)

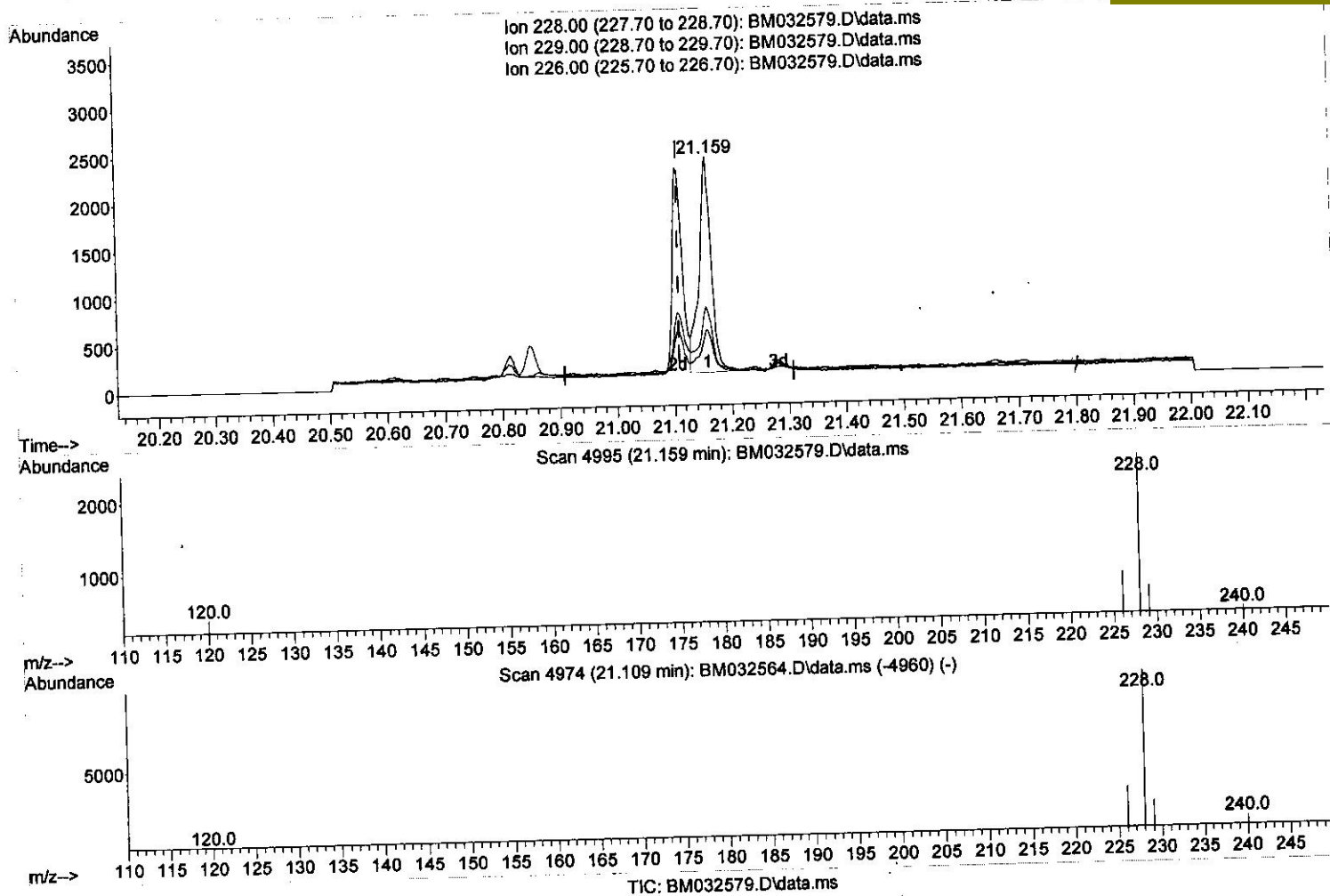
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101821\
 Data File : BM032579.D
 Acq On : 18 Oct 2021 18:35
 Operator : CG/JU
 Sample : M4181-11
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0B53

Quant Time: Oct 19 04:29:06 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM101421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 18 10:38:29 2021
 Response via : Initial Calibration

Manual Integrations
 APPROVED

mohammad
 10/19/2021 12:11:01 PM



(21) Benzo(a)anthracene

21.159min (+ 0.051) 0.07 ng/ul

response 3376

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	19.90	23.05
226.00	28.00	31.85
0.00	0.00	0.00

Quantitation Report (Qedit)

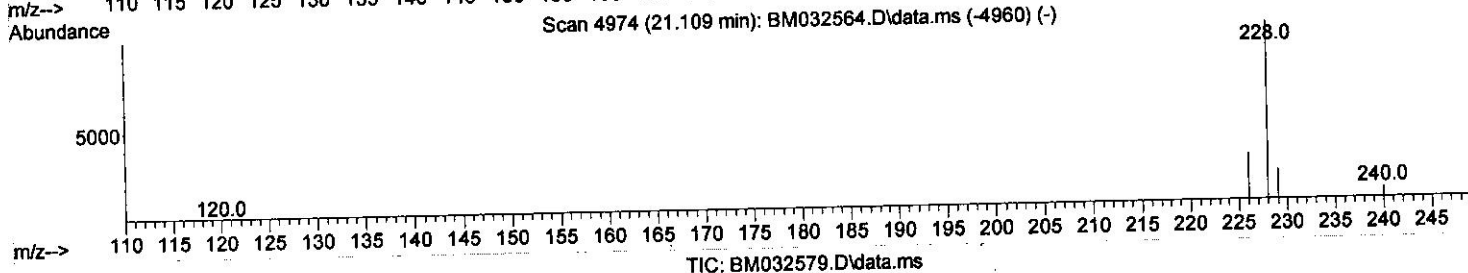
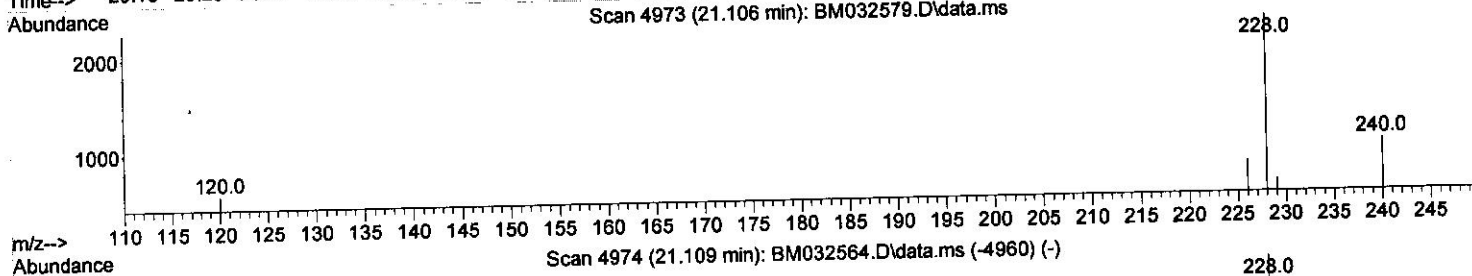
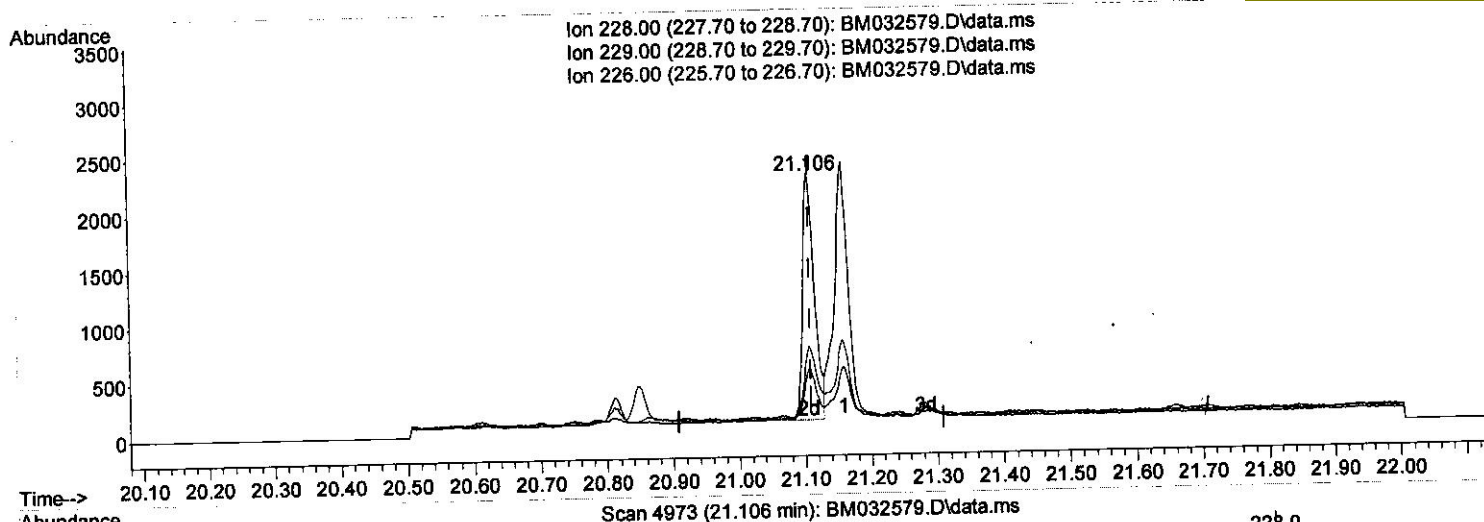
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101821\
 Data File : BM032579.D
 Acq On : 18 Oct 2021 18:35
 Operator : CG/JU
 Sample : M4181-11
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0B53

Manual Integrations
 APPROVED

mohammad
 10/19/2021 12:11:01 PM

Quant Time: Oct 19 04:29:06 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM101421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 18 10:38:29 2021
 Response via : Initial Calibration



(21) Benzo(a)anthracene

21.106min (-0.003) 0.05 ng/ul

response 2716

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	19.90	24.01#
226.00	28.00	32.59
0.00	0.00	0.00

Quantitation Report (Qedit)

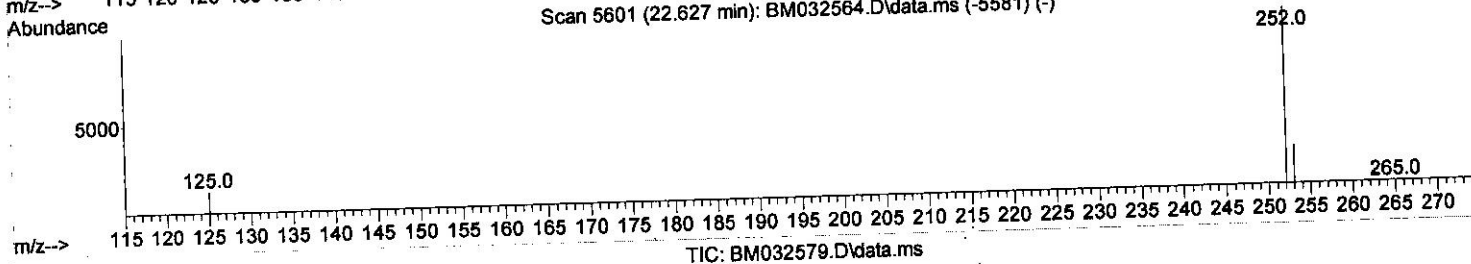
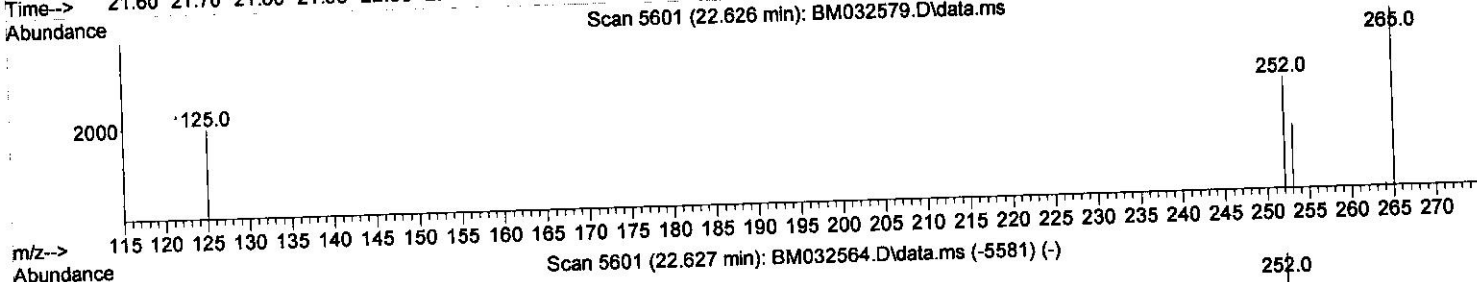
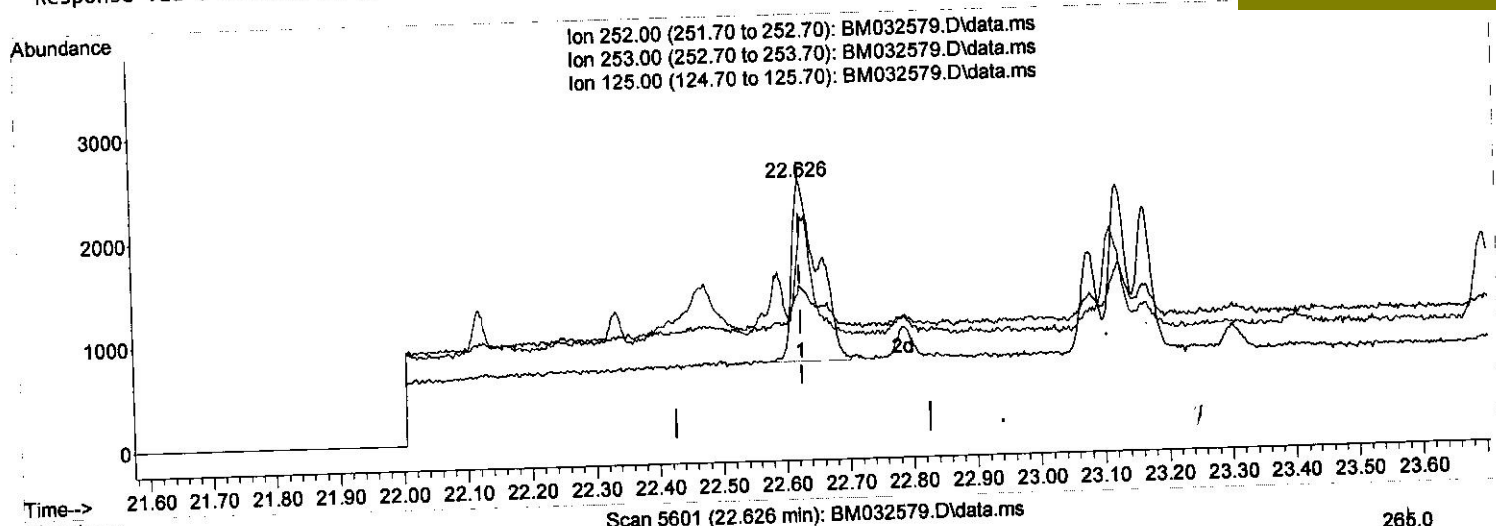
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101821\
 Data File : BM032579.D
 Acq On : 18 Oct 2021 18:35
 Operator : CG/JU
 Sample : M4181-11
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0B53

Quant Time: Oct 19 04:29:06 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM101421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 18 10:38:29 2021
 Response via : Initial Calibration

Manual Integrations
 APPROVED

mohammad
 10/19/2021 12:11:01 PM



(24) Benzo (b) fluoranthene

22.626min (-0.000) 0.09 ng/ul

response 4956

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	26.90	58.13#
125.00	17.80	80.70#
0.00	0.00	0.00

Quantitation Report (Qedit)

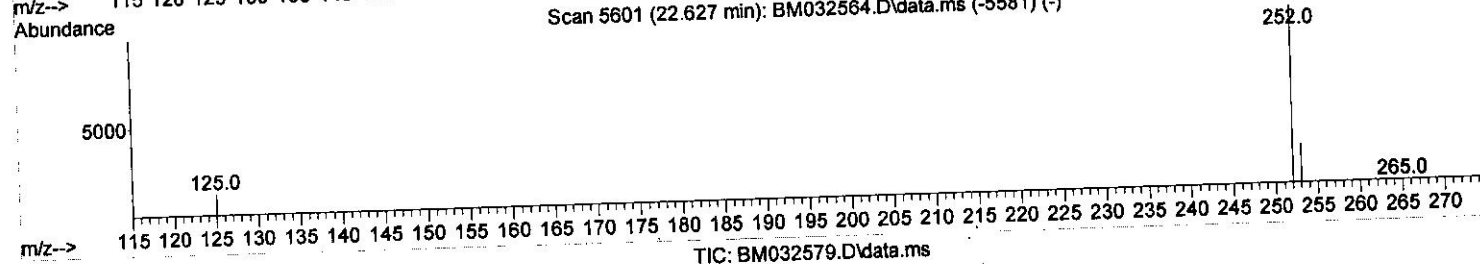
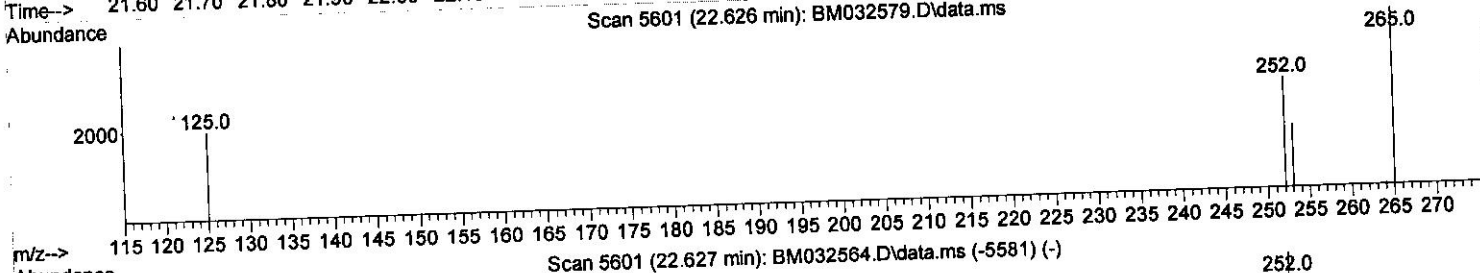
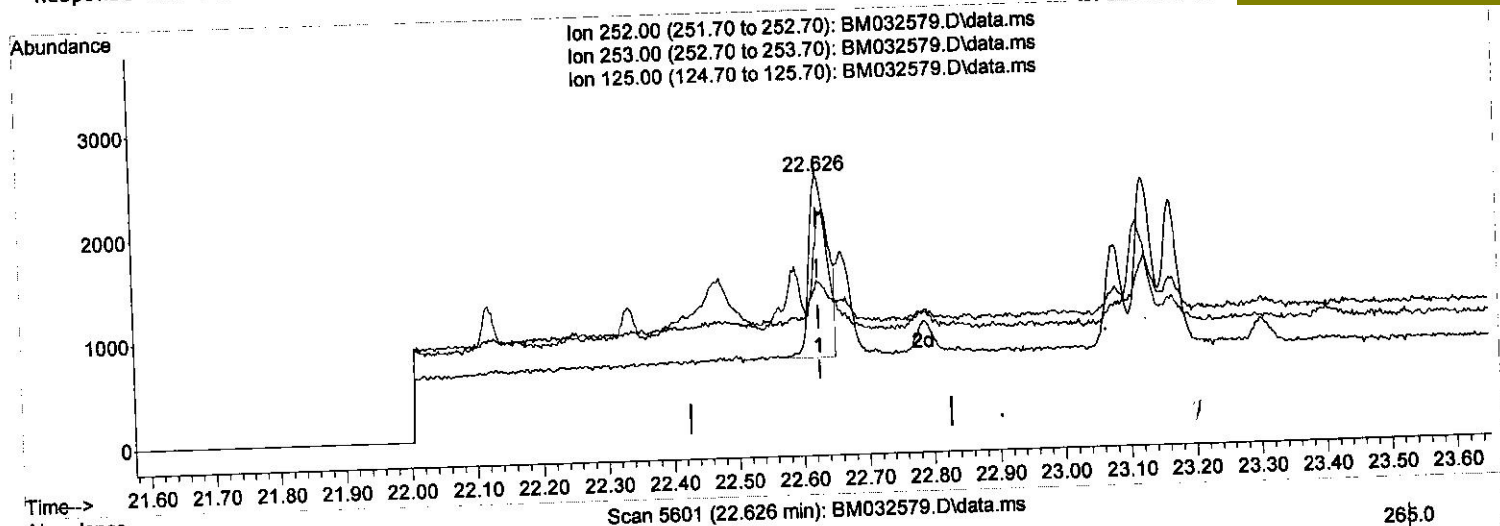
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101821\
 Data File : BM032579.D
 Acq On : 18 Oct 2021 18:35
 Operator : CG/JU
 Sample : M4181-11
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0B53

Quant Time: Oct 19 04:29:06 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM101421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 18 10:38:29 2021
 Response via : Initial Calibration

Manual Integrations
 APPROVED

mohammad
 10/19/2021 12:11:01 PM



(24) Benzo(b)fluoranthene

22.626min (-0.000) 0.07 ng/ul m

response 3482

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	26.90	58.13#
125.00	17.80	80.70#
0.00	0.00	0.00

Quantitation Report (Qedit)

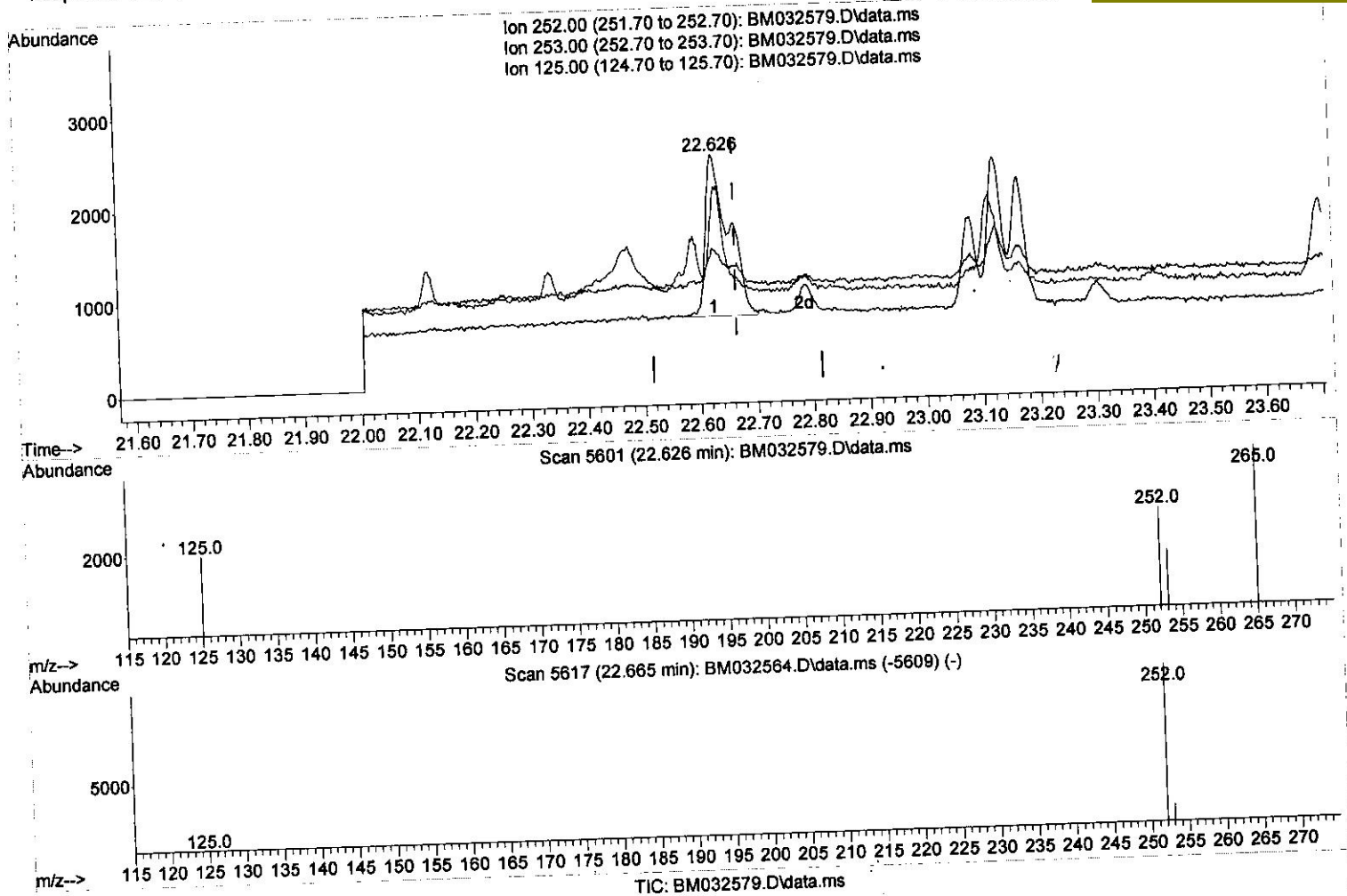
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101821\
 Data File : BM032579.D
 Acq On : 18 Oct 2021 18:35
 Operator : CG/JU
 Sample : M4181-11
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0B53

Manual Integrations
 APPROVED

mohammad
 10/19/2021 12:11:01 PM

Quant Time: Oct 19 04:29:06 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM101421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 18 10:38:29 2021
 Response via : Initial Calibration



(25) Benzo(k)fluoranthene
 22.626min (-0.039) 0.09 ng/ul
 response 5013

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.20	58.13#
125.00	18.00	80.70#
0.00	0.00	0.00

Quantitation Report (Qedit)

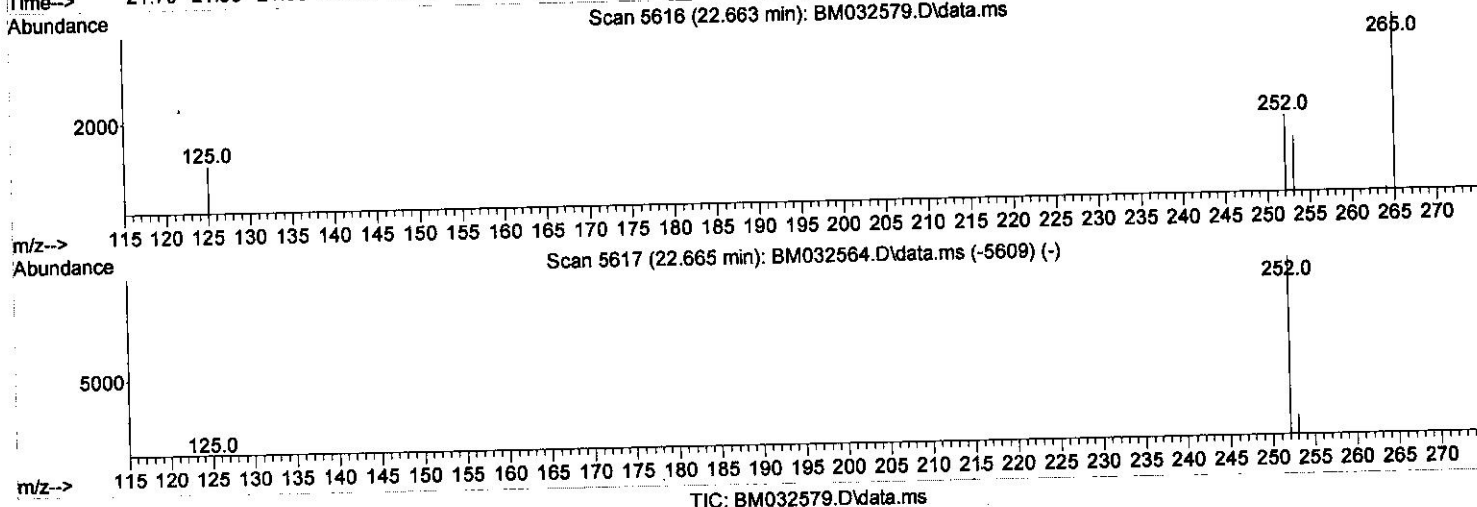
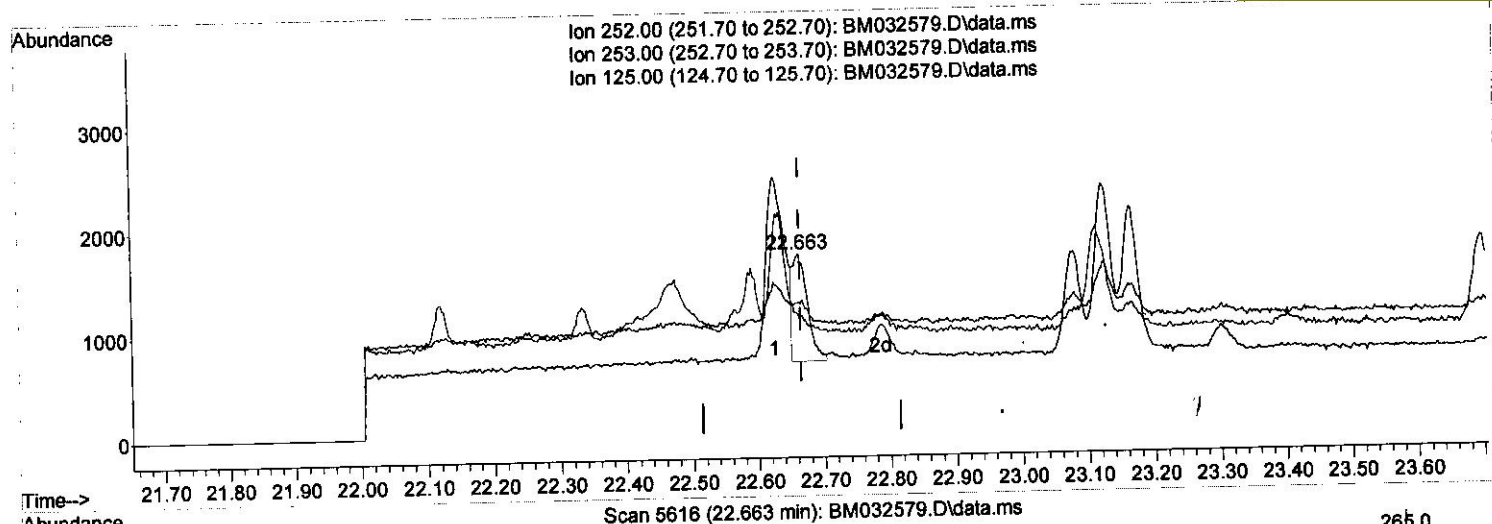
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101821\
 Data File : BM032579.D
 Acq On : 18 Oct 2021 18:35
 Operator : CG/JU
 Sample : M4181-11
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0B53

Quant Time: Oct 19 04:29:06 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM101421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 18 10:38:29 2021
 Response via : Initial Calibration

Manual Integrations
 APPROVED

mohammad
 10/19/2021 12:11:01 PM



(25) Benzo(k)fluoranthene

22.663min (-0.003) 0.03 ng/ul = 300 10/12/21

response 1627

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.20	73.03#
125.00	18.00	64.01#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101821\
 Data File : BM032579.D
 Acq On : 18 Oct 2021 18:35
 Operator : CG/JU
 Sample : M4181-11
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0B53

Manual Integrations
 APPROVED

mohammad
 10/19/2021 12:11:01 PM

Quant Time: Oct 19 04:29:06 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM101421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 18 10:38:29 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.550	152	5493	0.400	ng/ul	0.00
4) Naphthalene-d8	10.335	136	17838	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.209	164	9813	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.943	188	19352	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.123	240	12802	0.400	ng/ul	0.00
23) Perylene-d12	23.256	264	11534	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.916	96	36459	5.922	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.931	152	9688	0.407	ng/ul	0.00
18) Fluoranthene-d10	18.969	212	19706	0.489	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.384	128	4085	0.076	ng/ul#	95
7) 2-Methylnaphthalene	12.008	142	3168	0.090	ng/ul	99
8) 1-Methylnaphthalene	12.228	142	2552	0.073	ng/ul	97
10) Acenaphthylene	13.928	152	849	0.020	ng/ul#	76
15) Phenanthrene	16.984	178	4566	0.070	ng/ul	96
19) Fluoranthene	19.000	202	6712	0.106	ng/ul#	94
20) Pyrene	19.362	202	5998	0.092	ng/ul#	94
21) Benzo(a)anthracene	21.106	228	2716m	0.054	ng/ul	97 JV 10/27/21
22) Chrysene	21.159	228	3376	0.061	ng/ul	
24) Benzo(b)fluoranthene	22.626	252	3482m	0.065	ng/ul	
25) Benzo(k)fluoranthene	22.663	252	1627m	0.031	ng/ul	
26) Benzo(a)pyrene	23.164	252	2135	0.048	ng/ul#	32
27) Indeno(1,2,3-cd)pyrene	25.357	276	1691	0.031	ng/ul#	91
29) Benzo(g,h,i)perylene	25.999	276	1753	0.037	ng/ul#	70

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