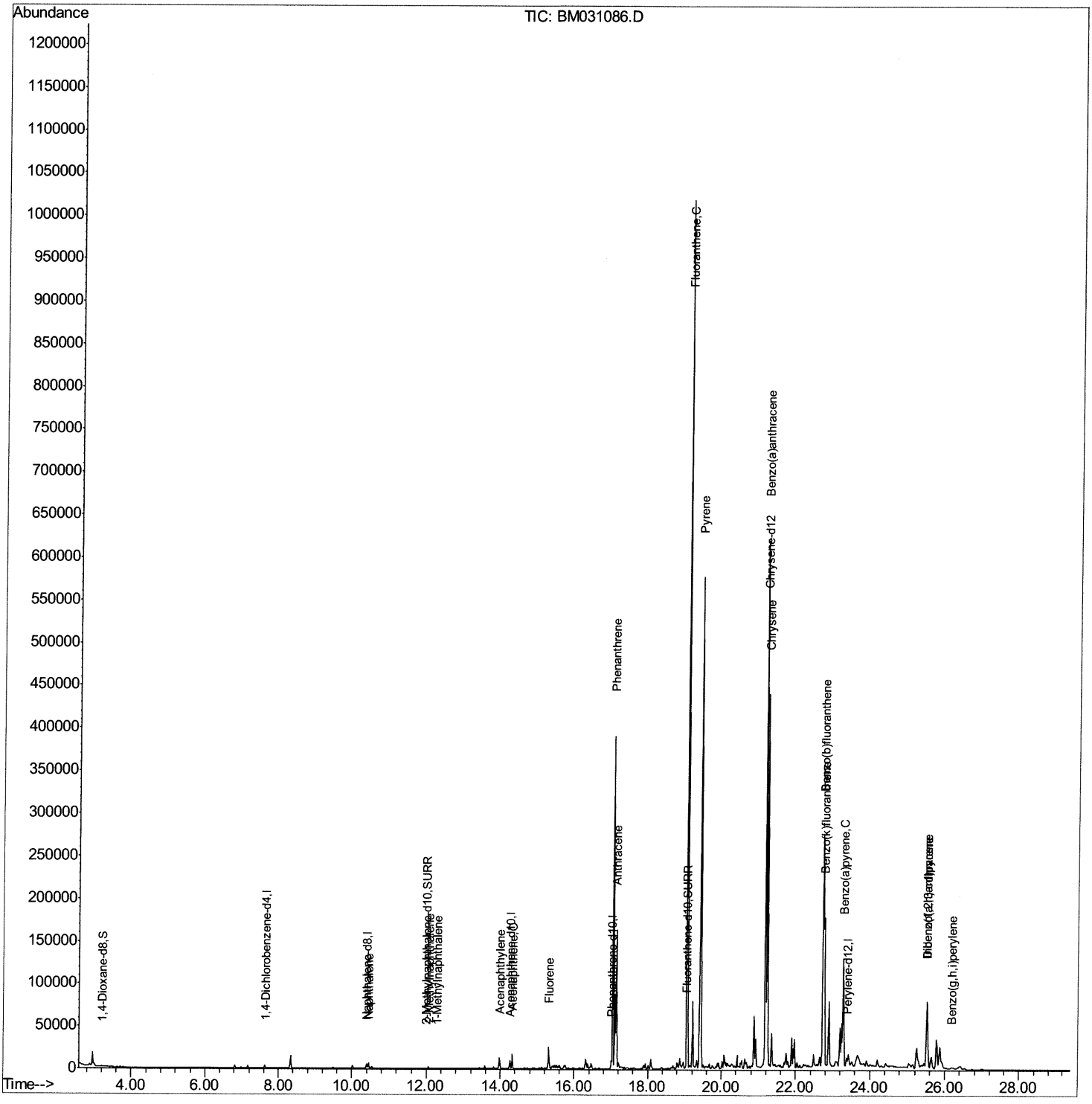
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM072221\
Data File : BM031086.D
Acq On : 23 Jul 2021 11:26
Operator : CG/JU
Sample : M2970-16DL 5X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Quant Time: Jul 23 11:59:47 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 22 11:33:47 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BGE17DL

Manual Integrations APPROVED
mohammad
7/26/2021 7:59:52 AM



Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM072221\
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Manual Integrations APPROVED
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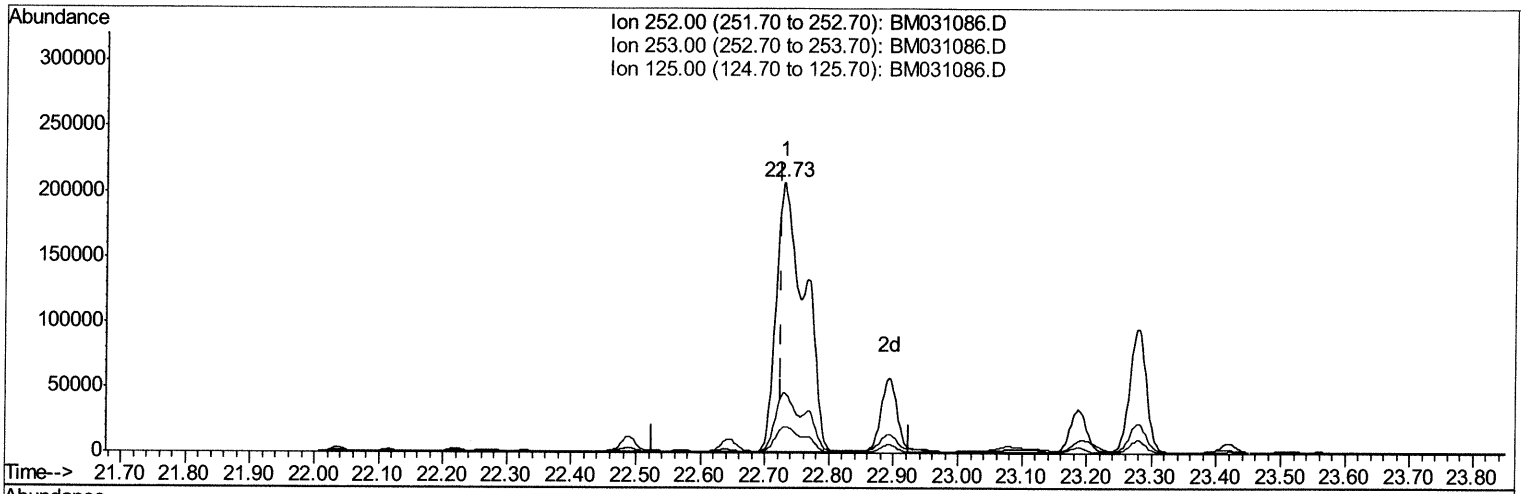
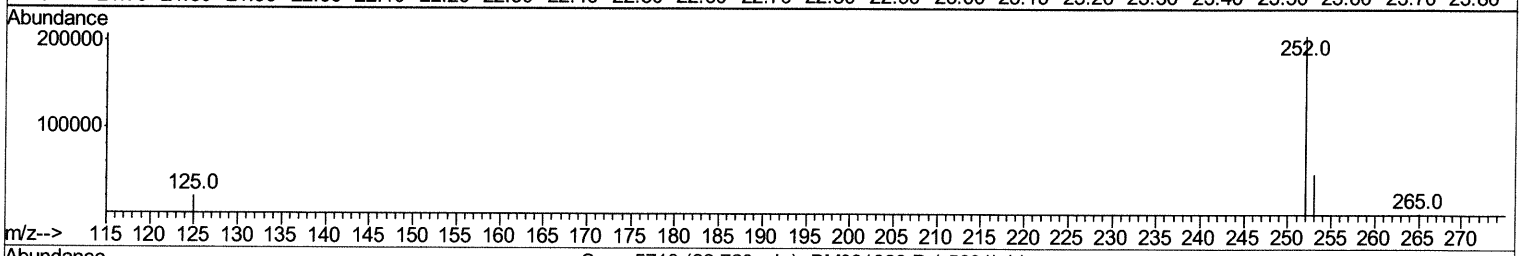
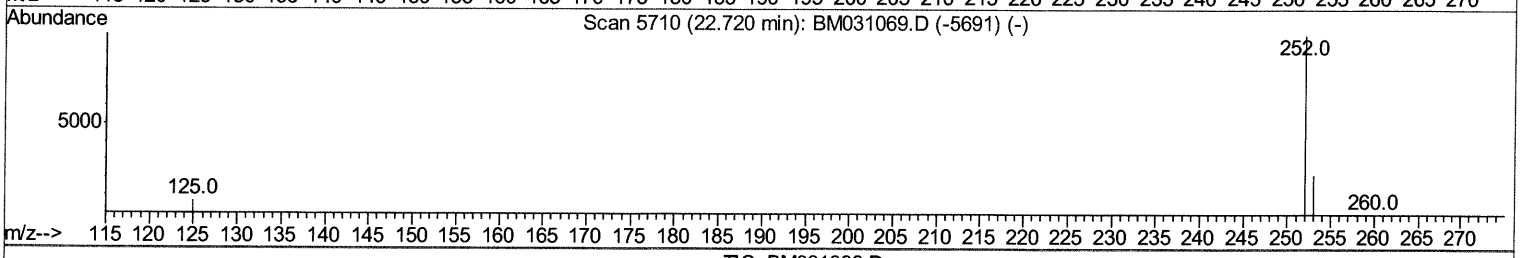
7/26/2021 7:59:52 AM







TIC: BM031086.D

(24) Benzo(b)fluoranthene

22.730min (+0.005) 11.36ng/ul

response 632793

Ion	Exp%	Act%
252.00	100	100
253.00	26.40	22.49
125.00	10.10	9.70
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM072221\
Data File : BM031086.D
Acq On : 23 Jul 2021 11:26
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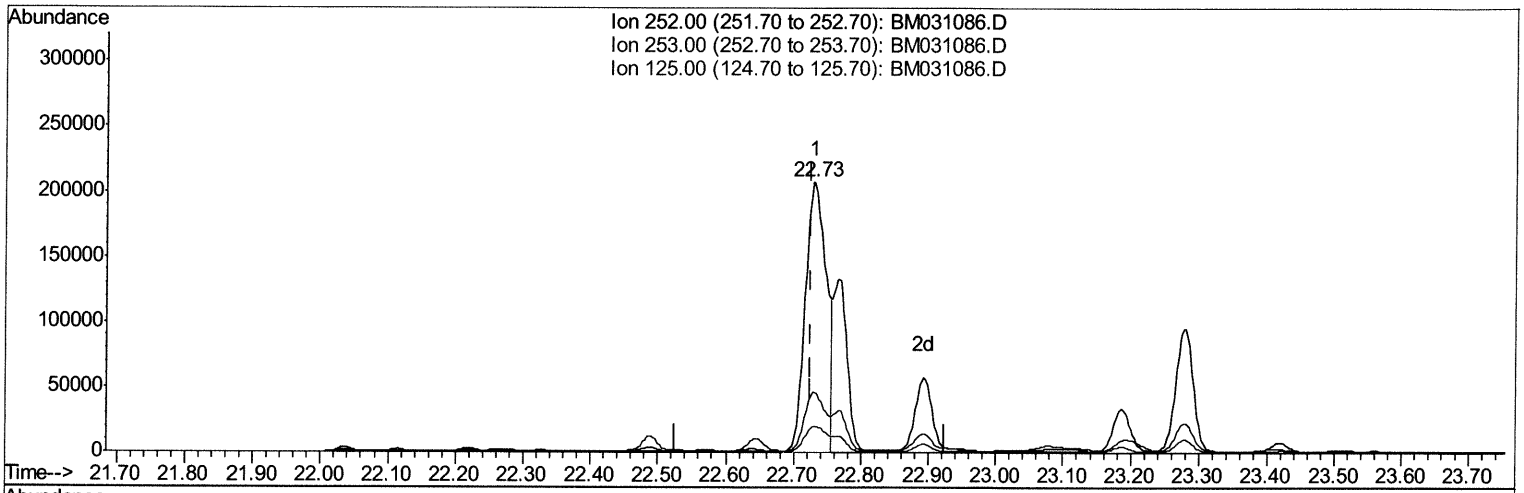
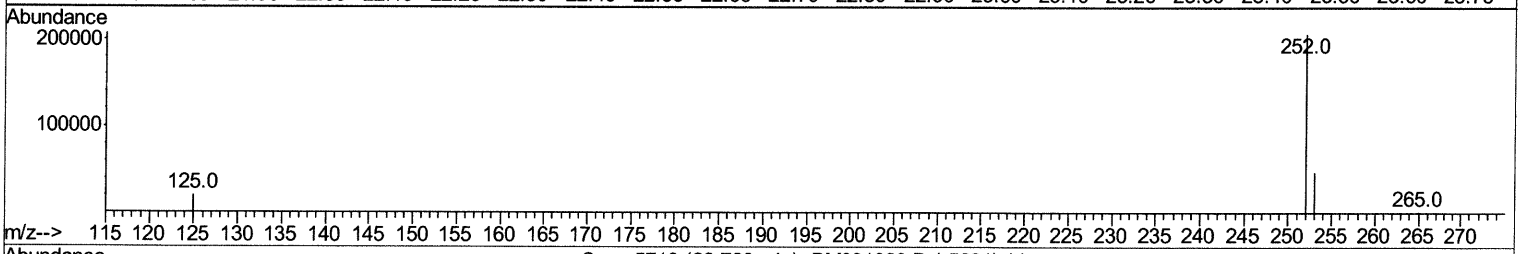
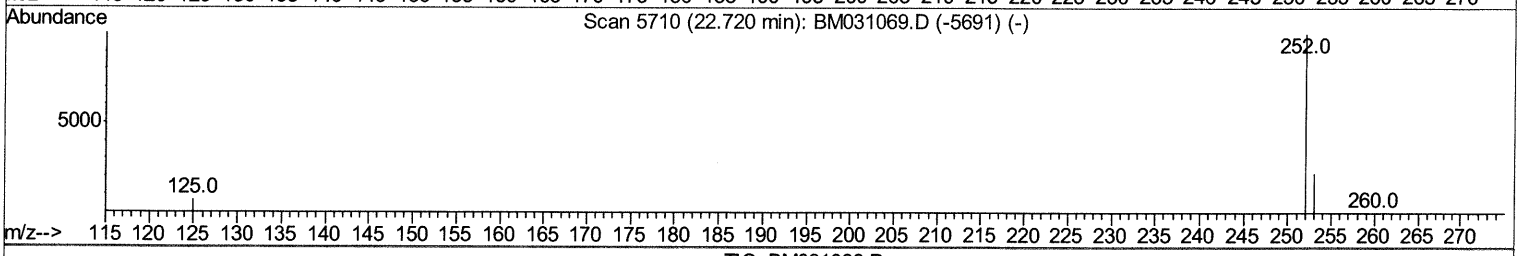
Manual Integrations APPROVED
mohammad
7/26/2021 7:59:52 AM







TIC: BM031086.D

(24) Benzo(b)fluoranthene

22.730min (+0.005) 7.94ng/ul m 07/26/21 JU

response 442295

Ion	Exp%	Act%
252.00	100	100
253.00	26.40	22.49
125.00	10.10	9.70
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM072221\
Data File : BM031086.D
Acq On : 23 Jul 2021 11:26
Operator : CG/JU
Sample : M2970-16DL 5X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Quant Time: Jul 23 11:57:34 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 22 11:33:47 2021
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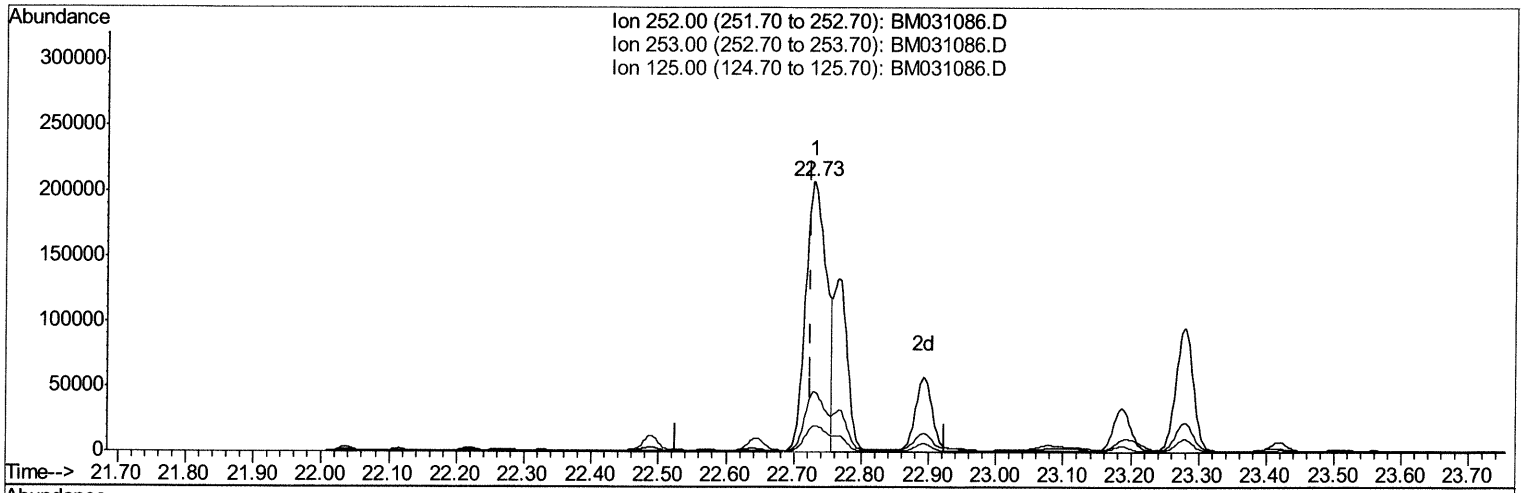
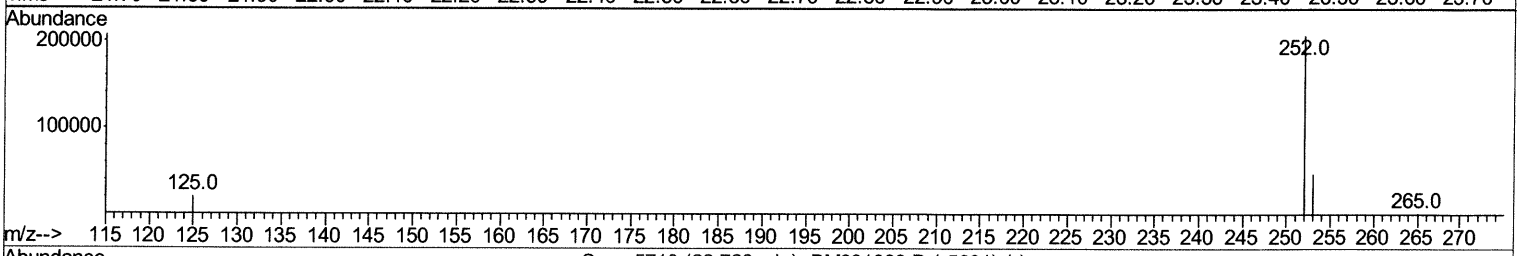
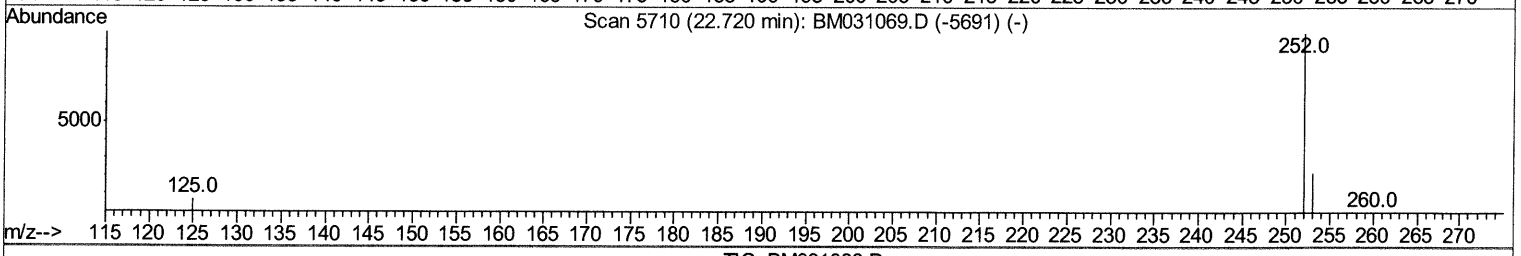
Instrument :
BNA_M
ClientSampleId :
BGE17DL

Manual Integrations APPROVED
mohammad
7/26/2021 7:59:52 AM







TIC: BM031086.D

(24) Benzo(b)fluoranthene

22.730min (+0.005) 7.94ng/ul m 07/26/21 JU

response 442295

Ion	Exp%	Act%
252.00	100	100
253.00	26.40	22.49
125.00	10.10	9.70
0.00	0.00	0.00

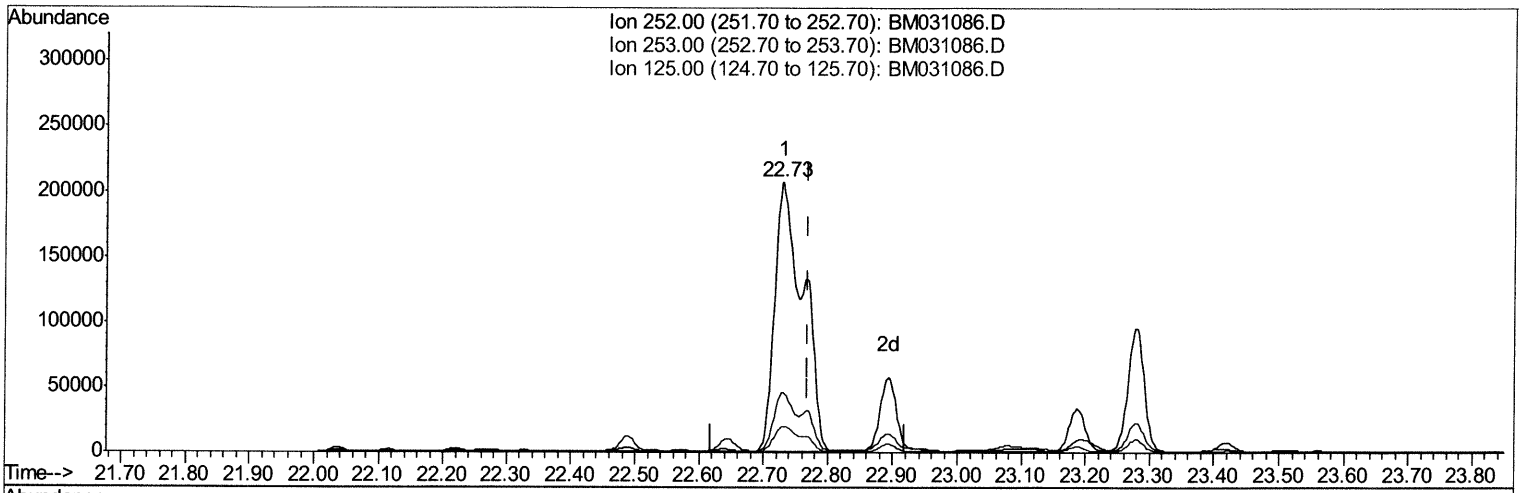
Quantitation Report (Qedit)

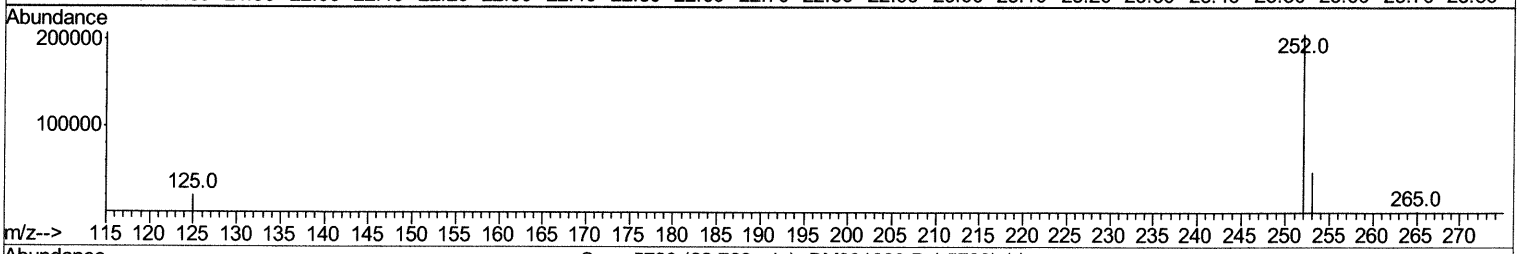
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM072221\
Data File : BM031086.D
Acq On : 23 Jul 2021 11:26
Operator : CG/JU
Sample : M2970-16DL 5X
Misc :
ALS Vial : 31 Sample Multiplier: 1

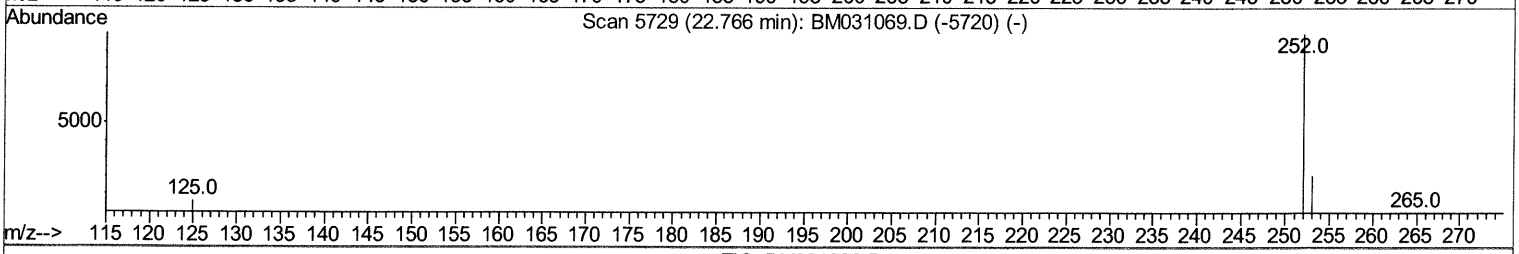
Quant Time: Jul 23 11:57:34 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 22 11:33:47 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BGE17DL

Manual Integrations APPROVED
mohammad
7/26/2021 7:59:52 AM







TIC: BM031086.D

(25) Benzo(k)fluoranthene

22.730min (-0.039) 11.20ng/ul

response 632793

Ion	Exp%	Act%
252.00	100	100
253.00	27.00	22.49
125.00	10.80	9.70
0.00	0.00	0.00

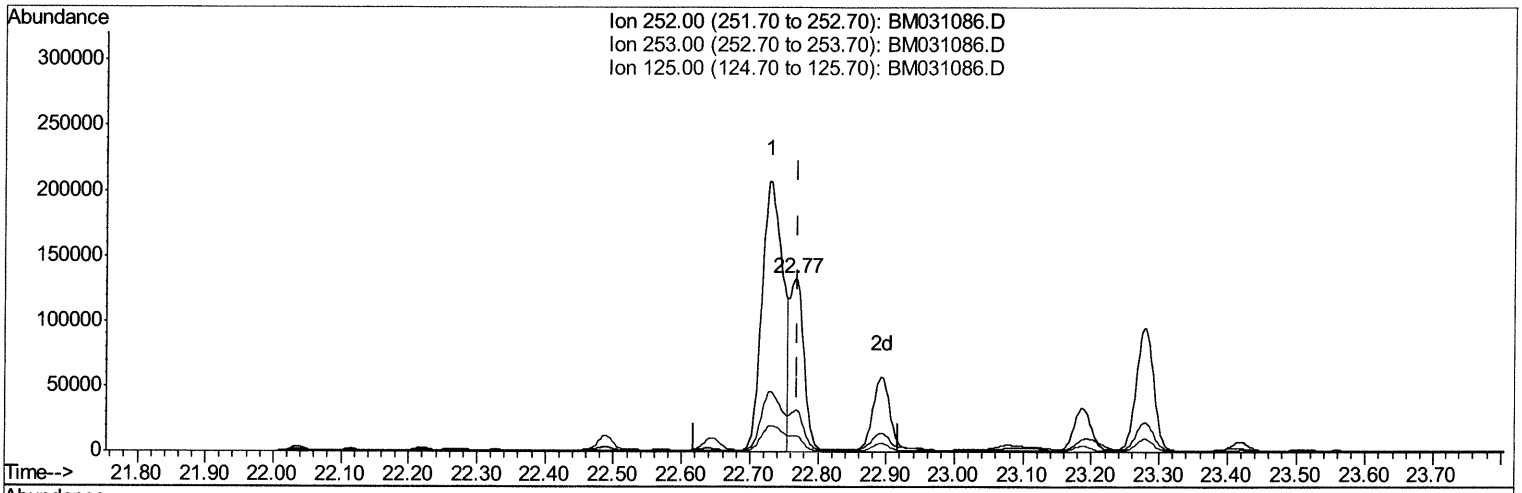
Quantitation Report (Qedit)

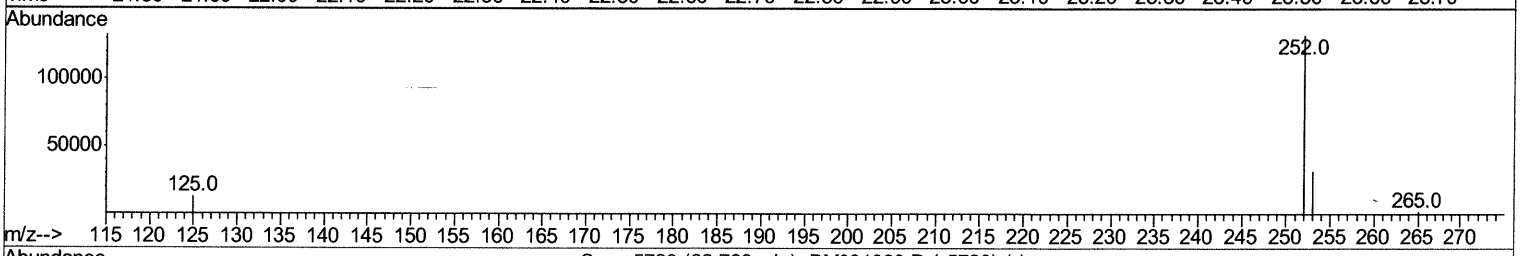
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM072221\
Data File : BM031086.D
Acq On : 23 Jul 2021 11:26
Operator : CG/JU
Sample : M2970-16DL 5X
Misc :
ALS Vial : 31 Sample Multiplier: 1

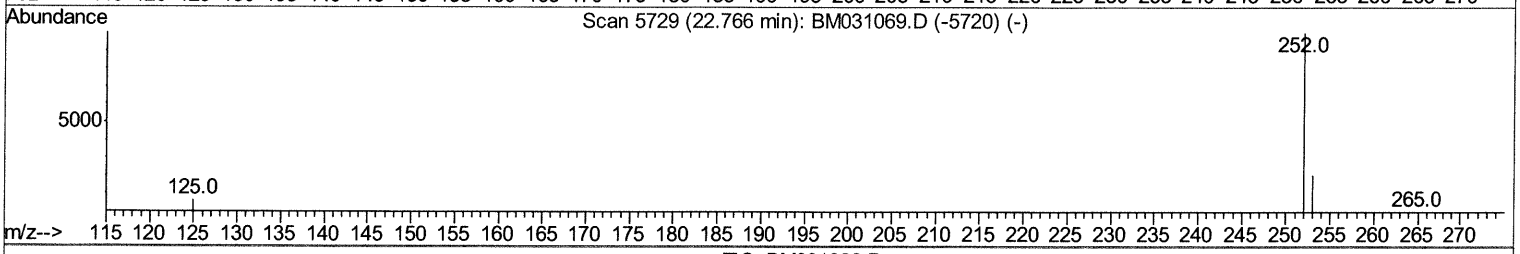
Quant Time: Jul 23 11:57:34 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 22 11:33:47 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BGE17DL

Manual Integrations APPROVED
mohammad
7/26/2021 7:59:52 AM







TIC: BM031086.D

(25) Benzo(k)fluoranthene

22.767min (-0.002) 3.44ng/ul m 07/26/21 JU

response 194413

Ion	Exp%	Act%
252.00	100	100
253.00	27.00	23.85
125.00	10.80	9.50
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM072221\
Data File : BM031086.D
Acq On : 23 Jul 2021 11:26
Operator : CG/JU
Sample : M2970-16DL 5X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BGE17DL

Manual Integrations APPROVED
mohammad
7/26/2021 7:59:52 AM

Quant Time: Jul 23 11:59:47 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 22 11:33:47 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	1966	0.40	ng/ul	0.00
4) Naphthalene-d8	10.40	136	7997	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.26	164	5424	0.40	ng/ul	0.00
13) Phenanthrene-d10	17.01	188	11917	0.40	ng/ul	0.00
17) Chrysene-d12	21.20	240	11979	0.40	ng/ul	0.00
23) Perylene-d12	23.37	264	11844	0.40	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.21	96	1130	0.55	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.99	152	582	0.04	ng/ul	0.00
18) Fluoranthene-d10	19.04	212	1554	0.04	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.45	128	8931	0.374	ng/ul	98
7) 2-Methylnaphthalene	12.07	142	1430	0.083	ng/ul	99
8) 1-Methylnaphthalene	12.29	142	375	0.022	ng/ul	100
10) Acenaphthylene	13.98	152	13944	0.629	ng/ul	97
11) Acenaphthene	14.33	153	9836	0.502	ng/ul	98
12) Fluorene	15.32	166	15390	0.667	ng/ul	99
15) Phenanthrene	17.05	178	407813	10.775	ng/ul	99
16) Anthracene	17.14	178	167047	4.711	ng/ul	97
19) Fluoranthene	19.07	202	865722	17.952	ng/ul	96
20) Pyrene	19.43	202	503991	10.237	ng/ul	96
21) Benzo(a)anthracene	21.18	228	495568	10.358	ng/ul	96
22) Chrysene	21.23	228	390440	7.540	ng/ul	98
24) Benzo(b)fluoranthene	22.73	252	442295m	7.943	ng/ul	07/26/21 JU
25) Benzo(k)fluoranthene	22.77	252	194413m	3.441	ng/ul	
26) Benzo(a)pyrene	23.28	252	168532	3.501	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	25.53	276	106954	1.696	ng/ul#	97
28) Dibenzo(a,h)anthracene	25.54	278	46973	0.928	ng/ul	98
29) Benzo(g,h,i)perylene	26.19	276	3678	0.069	ng/ul#	65

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