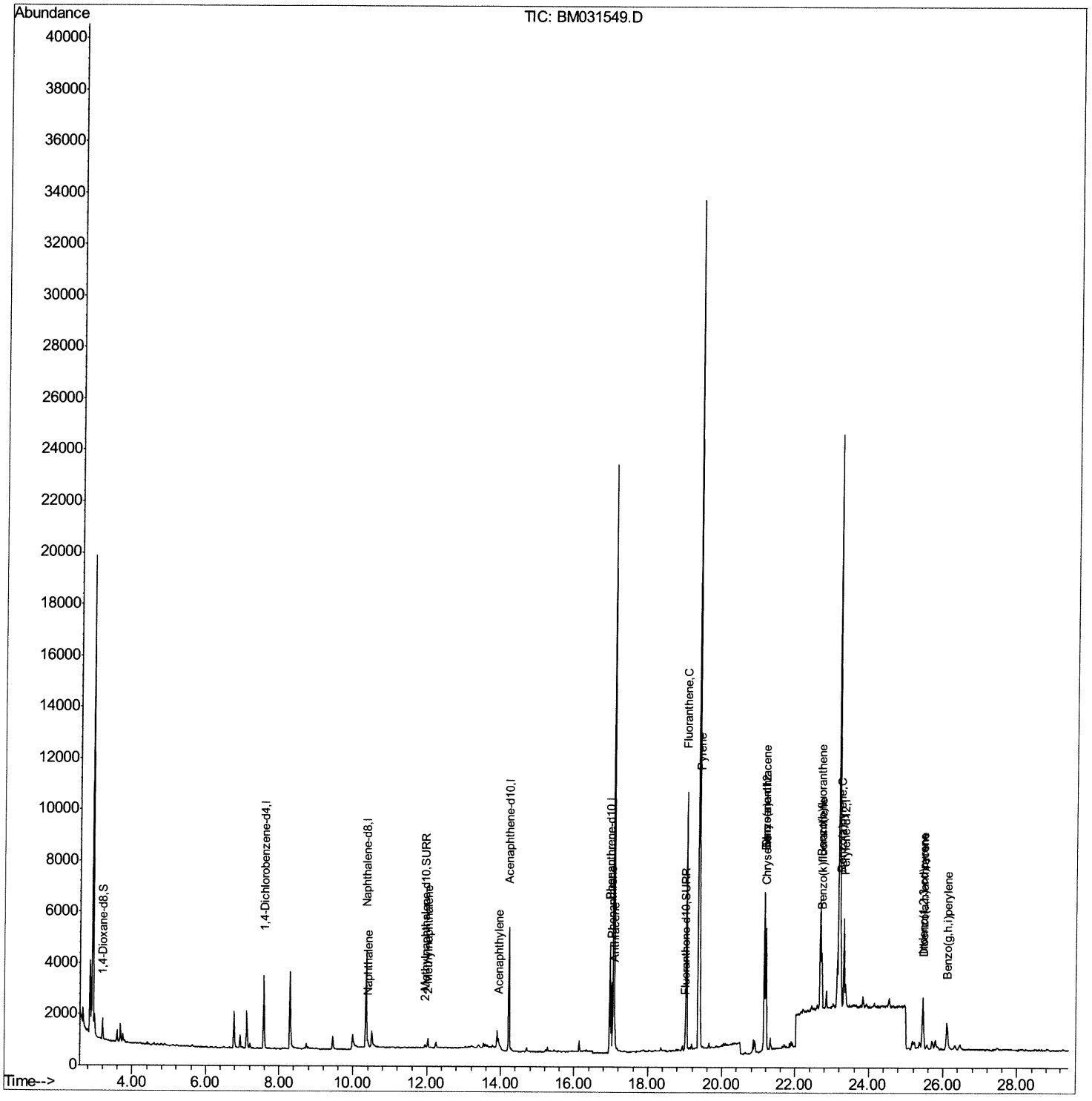
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080521\
Data File : BM031549.D
Acq On : 07 Aug 2021 13:34
Operator : CG/JU
Sample : M3124-19DL 5X
Misc :
ALS Vial : 75 Sample Multiplier: 1

Quant Time: Aug 08 05:44:17 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 06 18:39:21 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0099DL

Manual Integrations APPROVED
mohammad
8/9/2021 12:13:36 PM



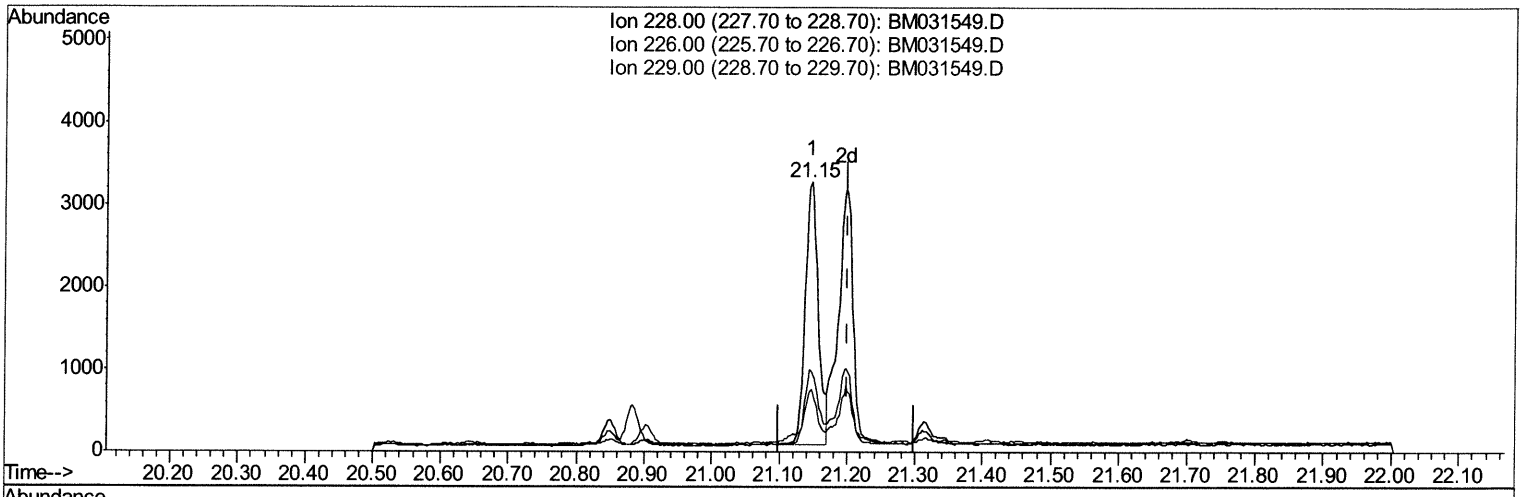
Quantitation Report (Qedit)

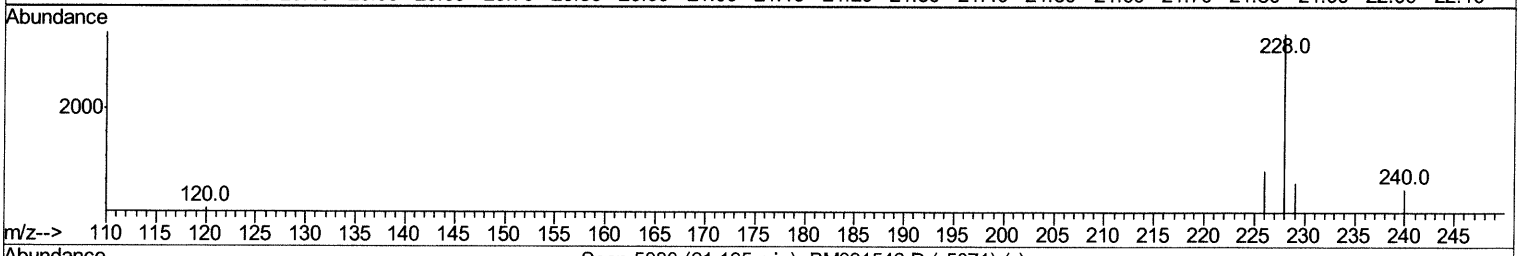
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080521\
Data File : BM031549.D
Acq On : 07 Aug 2021 13:34
Operator : CG/JU
Sample : M3124-19DL 5X
Misc :
ALS Vial : 75 Sample Multiplier: 1

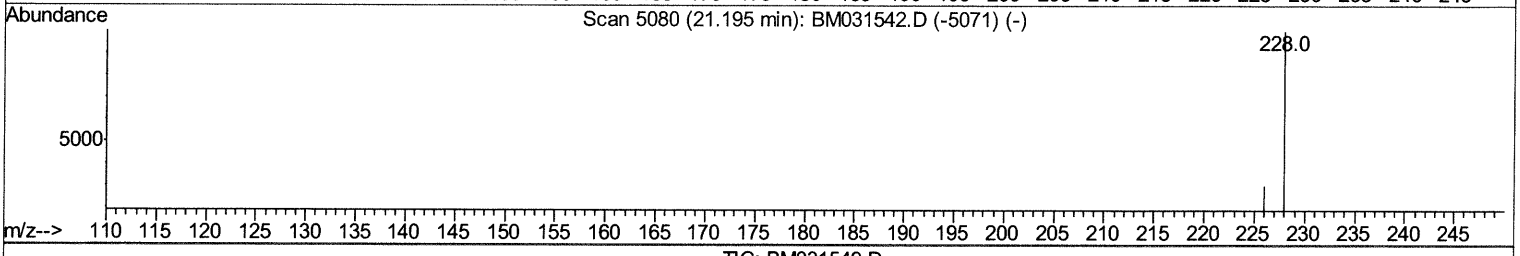
Quant Time: Aug 08 05:43:01 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 06 18:39:21 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0099DL

Manual Integrations APPROVED
mohammad
8/9/2021 12:13:36 PM







TIC: BM031549.D

(22) Chrysene

21.147min (-0.053) 0.24ng/ul

response 4249

Ion	Exp%	Act%
228.00	100	100
226.00	30.90	29.53
229.00	20.20	23.12
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080521\
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BNA_M
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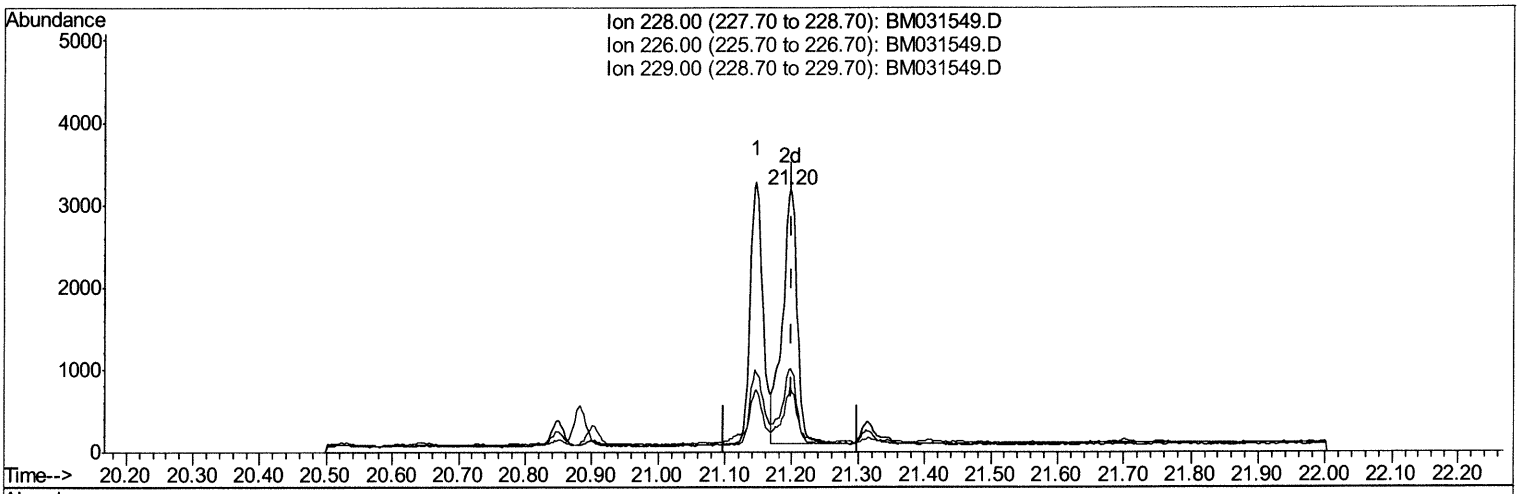
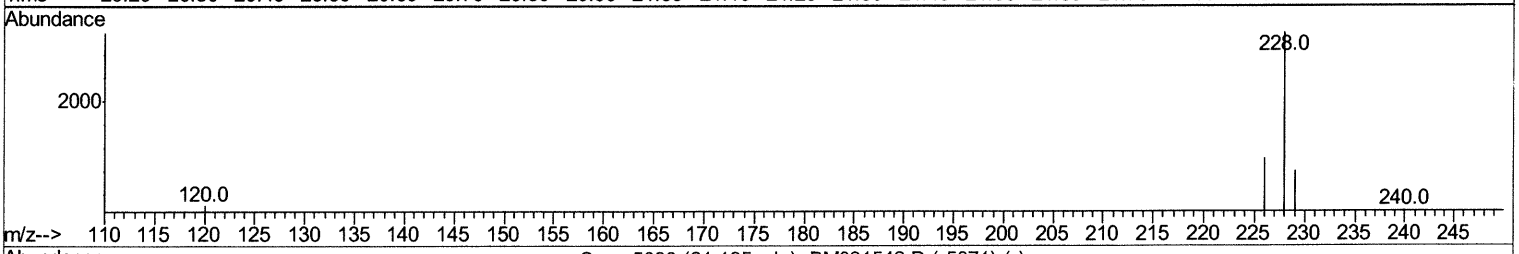
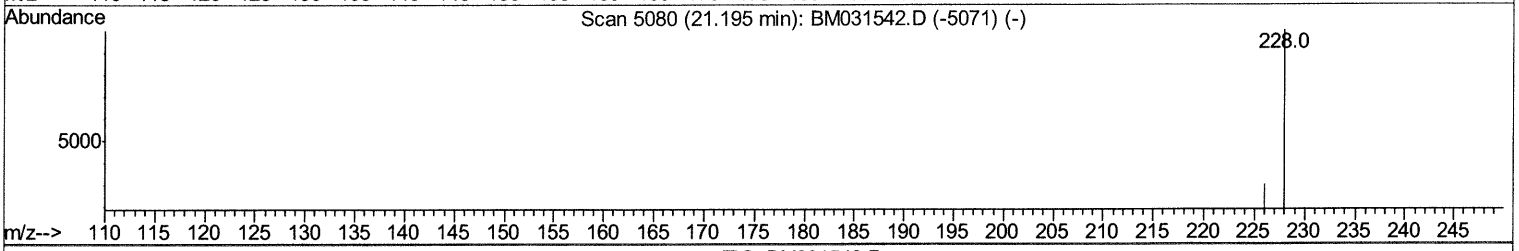
C0099DL

Manual Integrations APPROVED
mohammad
8/9/2021 12:13:36 PM







TIC: BM031549.D

(22) Chrysene

21.197min (-0.002) 0.27ng/ul m JU 8/11/21

response 4769

Ion	Exp%	Act%
228.00	100	100
226.00	30.90	31.90
229.00	20.20	25.31#
0.00	0.00	0.00

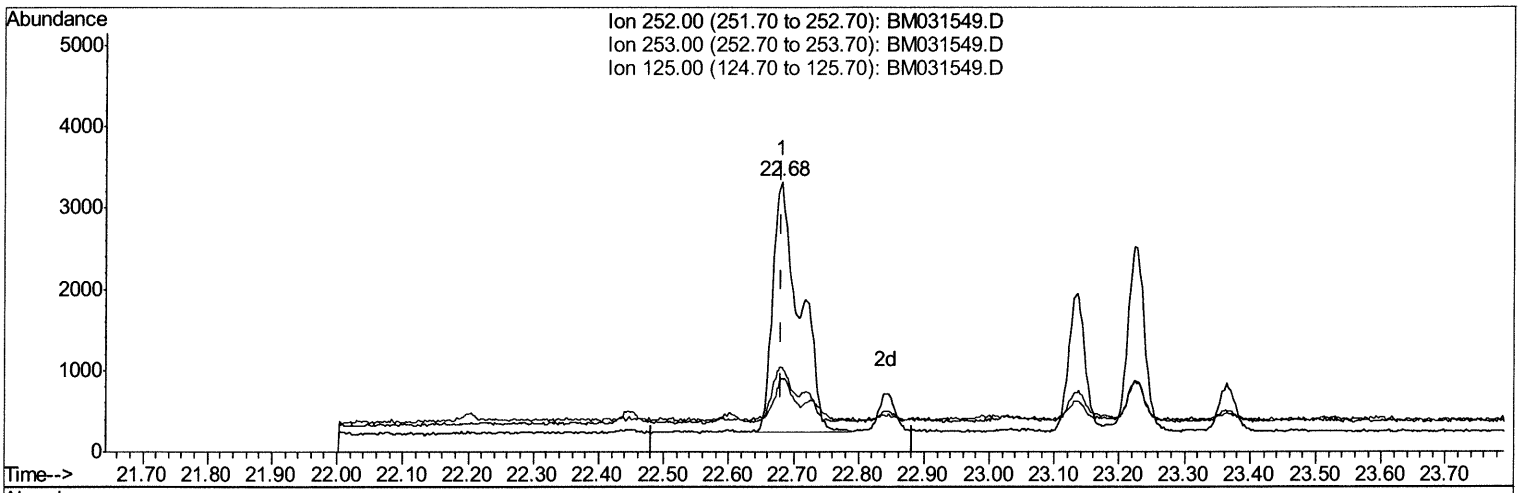
Quantitation Report (Qedit)

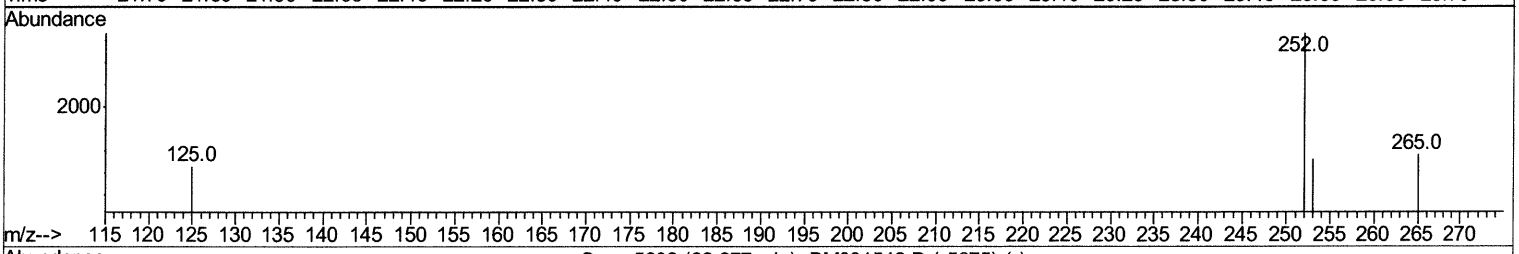
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080521\
Data File : BM031549.D
Acq On : 07 Aug 2021 13:34
Operator : CG/JU
Sample : M3124-19DL 5X
Misc :
ALS Vial : 75 Sample Multiplier: 1

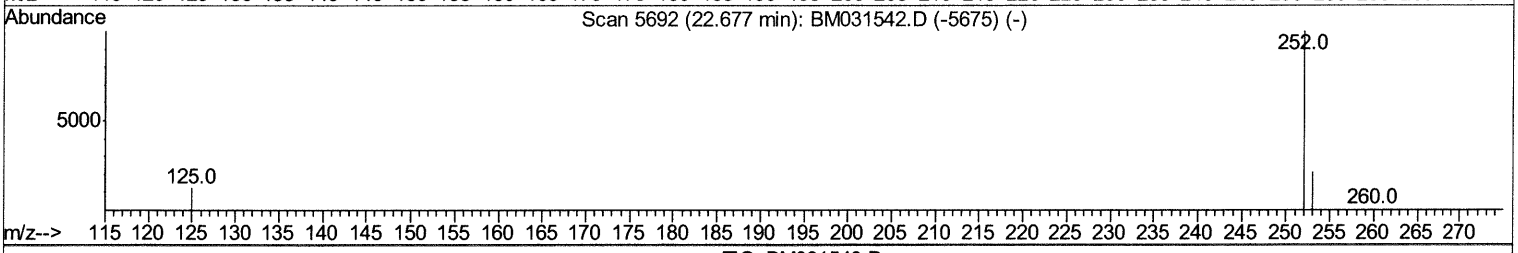
Quant Time: Aug 08 04:01:14 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 06 18:39:21 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0099DL

Manual Integrations APPROVED
mohammad
8/9/2021 12:13:36 PM







TIC: BM031549.D

(24) Benzo(b)fluoranthene

22.682min (+0.000) 0.47ng/ul

response 8899

Ion	Exp%	Act%
252.00	100	100
253.00	26.50	31.40
125.00	11.40	27.21#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080521\
Data File : BM031549.D
Acq On : 07 Aug 2021 13:34
Operator : CG/JU
Sample : M3124-19DL 5X
Misc :
ALS Vial : 75 Sample Multiplier: 1

Quant Time: Aug 08 04:01:14 2021
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QLast Update : Fri Aug 06 18:39:21 2021
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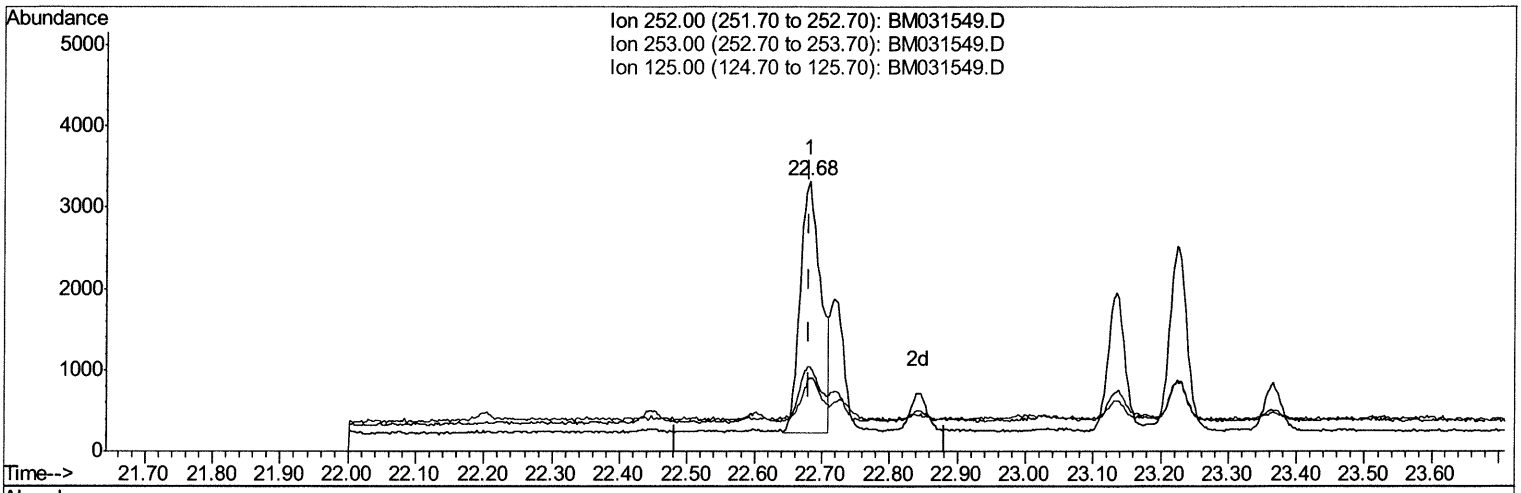
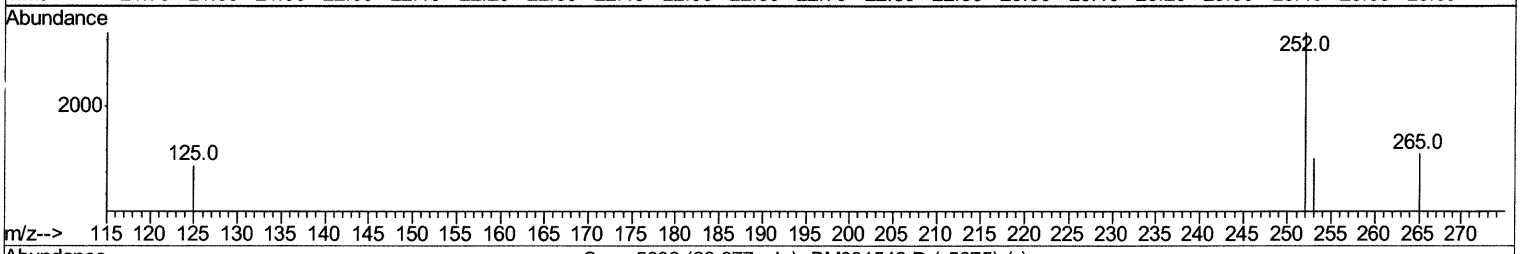
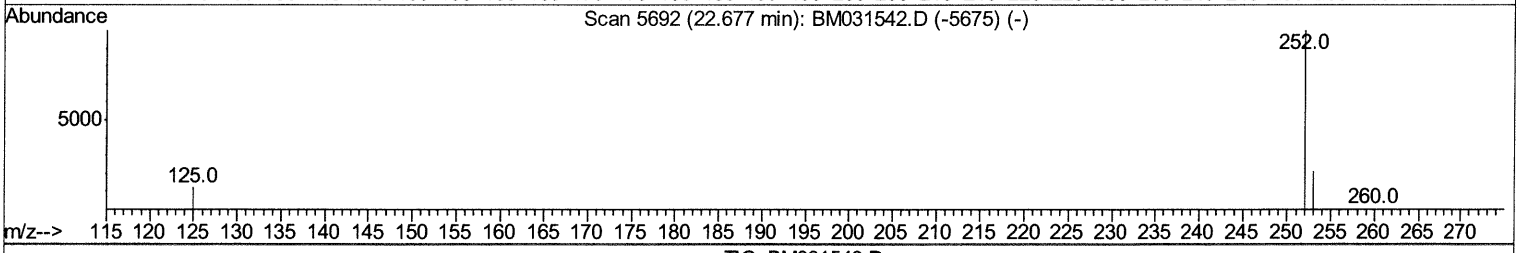
Instrument :
BNA_M
ClientSampleId :
C0099DL

Manual Integrations APPROVED
mohammad
8/9/2021 12:13:36 PM







TIC: BM031549.D

(24) Benzo(b)fluoranthene

22.682min (+0.000) 0.34ng/ul m JC 8/11/21

response 6494

Ion	Exp%	Act%
252.00	100	100
253.00	26.50	31.40
125.00	11.40	27.21#
0.00	0.00	0.00

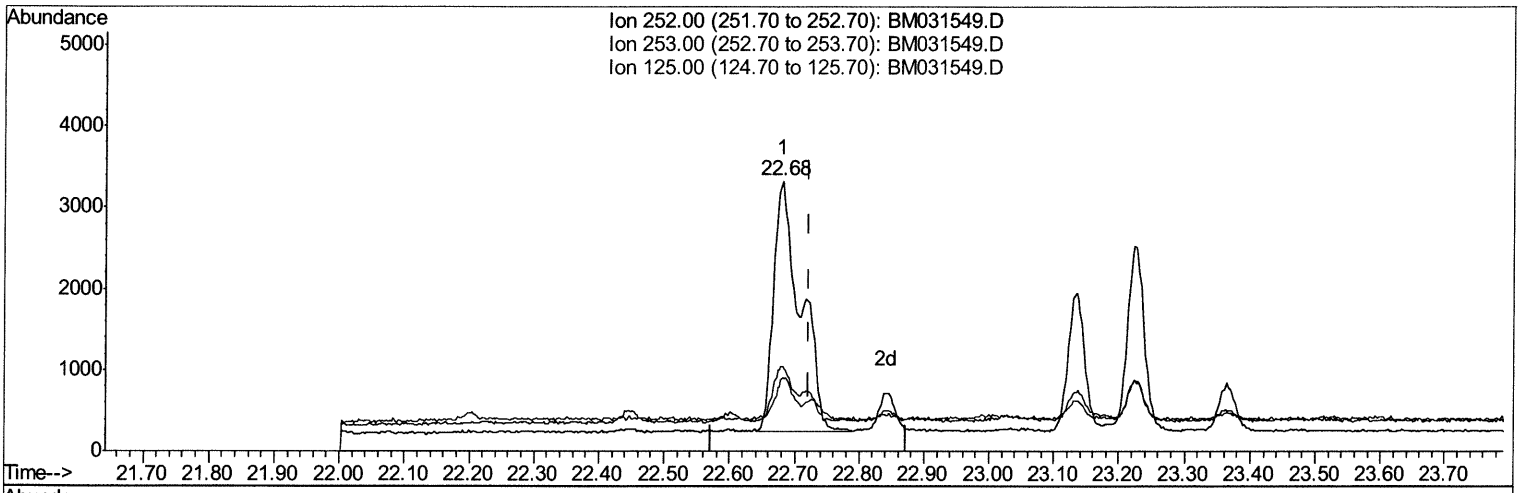
Quantitation Report (Qedit)

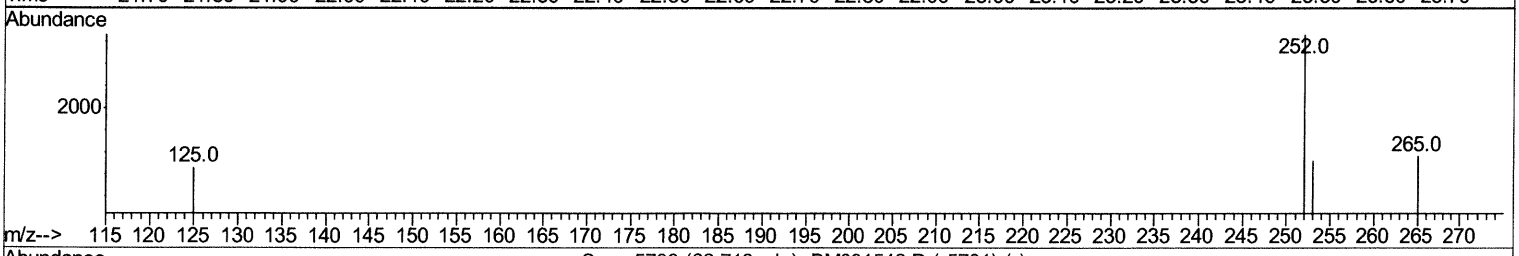
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080521\
Data File : BM031549.D
Acq On : 07 Aug 2021 13:34
Operator : CG/JU
Sample : M3124-19DL 5X
Misc :
ALS Vial : 75 Sample Multiplier: 1

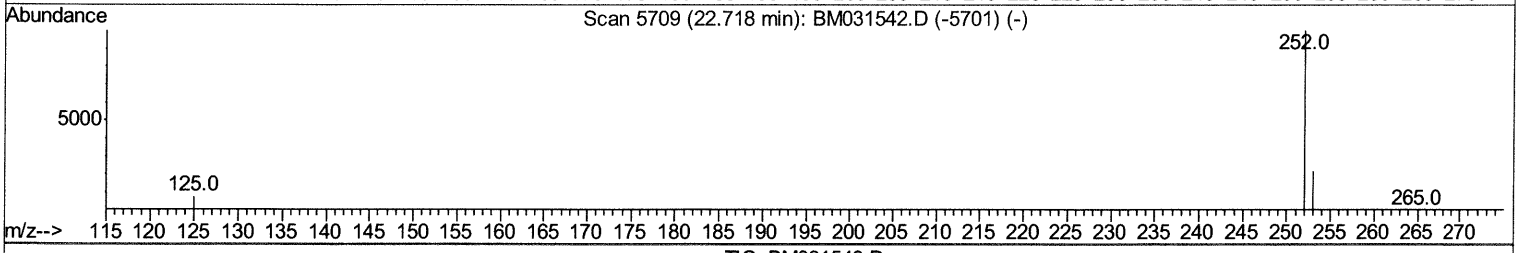
Quant Time: Aug 08 05:41:34 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 06 18:39:21 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0099DL

Manual Integrations APPROVED
mohammad
8/9/2021 12:13:36 PM







TIC: BM031549.D

(25) Benzo(k)fluoranthene

22.682min (-0.041) 0.45ng/ul

response 8899

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	31.40
125.00	11.00	27.21#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080521\
Data File : BM031549.D
Acq On : 07 Aug 2021 13:34
Operator : CG/JU
Sample : M3124-19DL 5X
Misc :
ALS Vial : 75 Sample Multiplier: 1

Quant Time: Aug 08 05:41:34 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072821.M
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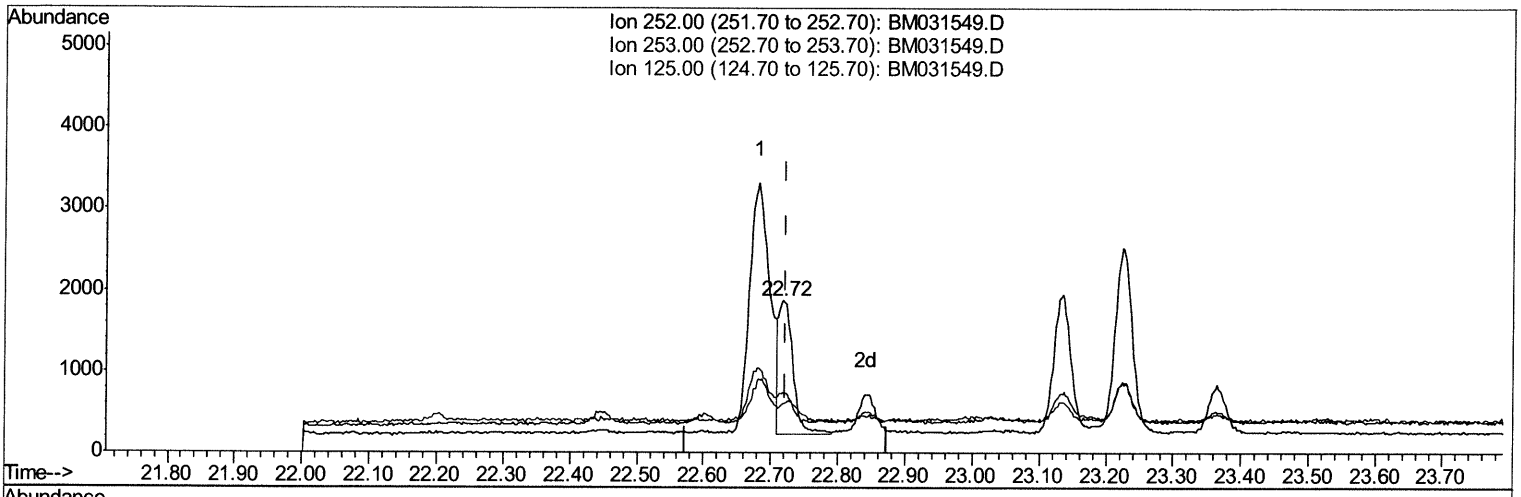
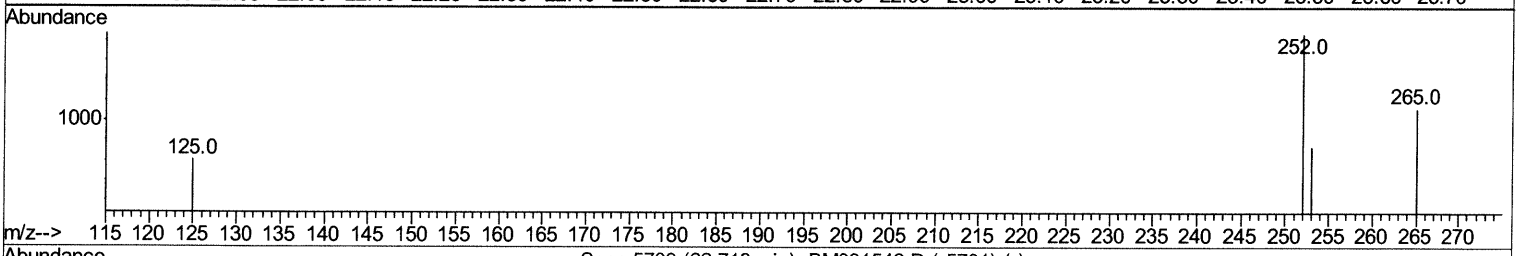
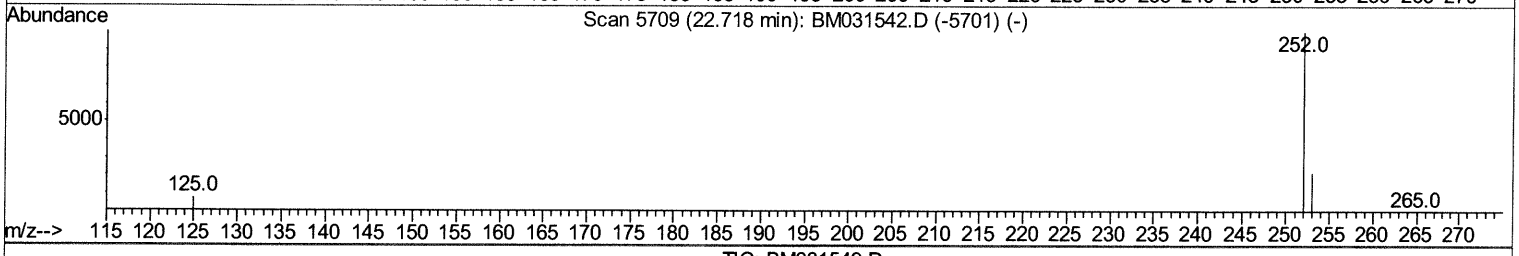
QLast Update : Fri Aug 06 18:39:21 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0099DL

Manual Integrations APPROVED
mohammad
8/9/2021 12:13:36 PM







TIC: BM031549.D

(25) Benzo(k)fluoranthene

22.718min (-0.005) 0.13ng/ul m

response 2522

JU 8/11/21

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	39.53#
125.00	11.00	32.19#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080521\
Data File : BM031549.D
Acq On : 07 Aug 2021 13:34
Operator : CG/JU
Sample : M3124-19DL 5X
Misc :
ALS Vial : 75 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0099DL

Manual Integrations APPROVED
mohammad
8/9/2021 12:13:36 PM

Quant Time: Aug 08 05:44:17 2021
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	1468	0.40	ng/ul	0.00
4) Naphthalene-d8	10.35	136	5282	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.22	164	2824	0.40	ng/ul	0.00
13) Phenanthrene-d10	16.97	188	5207	0.40	ng/ul	0.00
17) Chrysene-d12	21.16	240	4246	0.40	ng/ul	0.00
23) Perylene-d12	23.32	264	4239	0.40	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.19	96	583	0.36	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.95	152	187	0.02	ng/ul	0.00
18) Fluoranthene-d10	19.00	212	393	0.03	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.40	128	405	0.026	ng/ul#	60
7) 2-Methylnaphthalene	12.02	142	320	0.030	ng/ul	100
10) Acenaphthylene	13.94	152	450	0.037	ng/ul#	70
15) Phenanthrene	17.01	178	3015	0.182	ng/ul	98
16) Anthracene	17.10	178	668	0.043	ng/ul#	77
19) Fluoranthene	19.03	202	8986	0.496	ng/ul#	95
20) Pyrene	19.39	202	7642	0.416	ng/ul#	94
21) Benzo(a)anthracene	21.15	228	4242	0.247	ng/ul	94
22) Chrysene	21.20	228	4769m	0.269	ng/ul	
24) Benzo(b)fluoranthene	22.68	252	6494m	0.340	ng/ul	
25) Benzo(k)fluoranthene	22.72	252	2522m	0.128	ng/ul	
26) Benzo(a)pyrene	23.22	252	4119	0.246	ng/ul#	76
27) Indeno(1,2,3-cd)pyrene	25.45	276	3012	0.139	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.47	278	813	0.047	ng/ul#	16
29) Benzo(g,h,i)perylene	26.11	276	2064	0.112	ng/ul#	77

JU 8/11/21

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