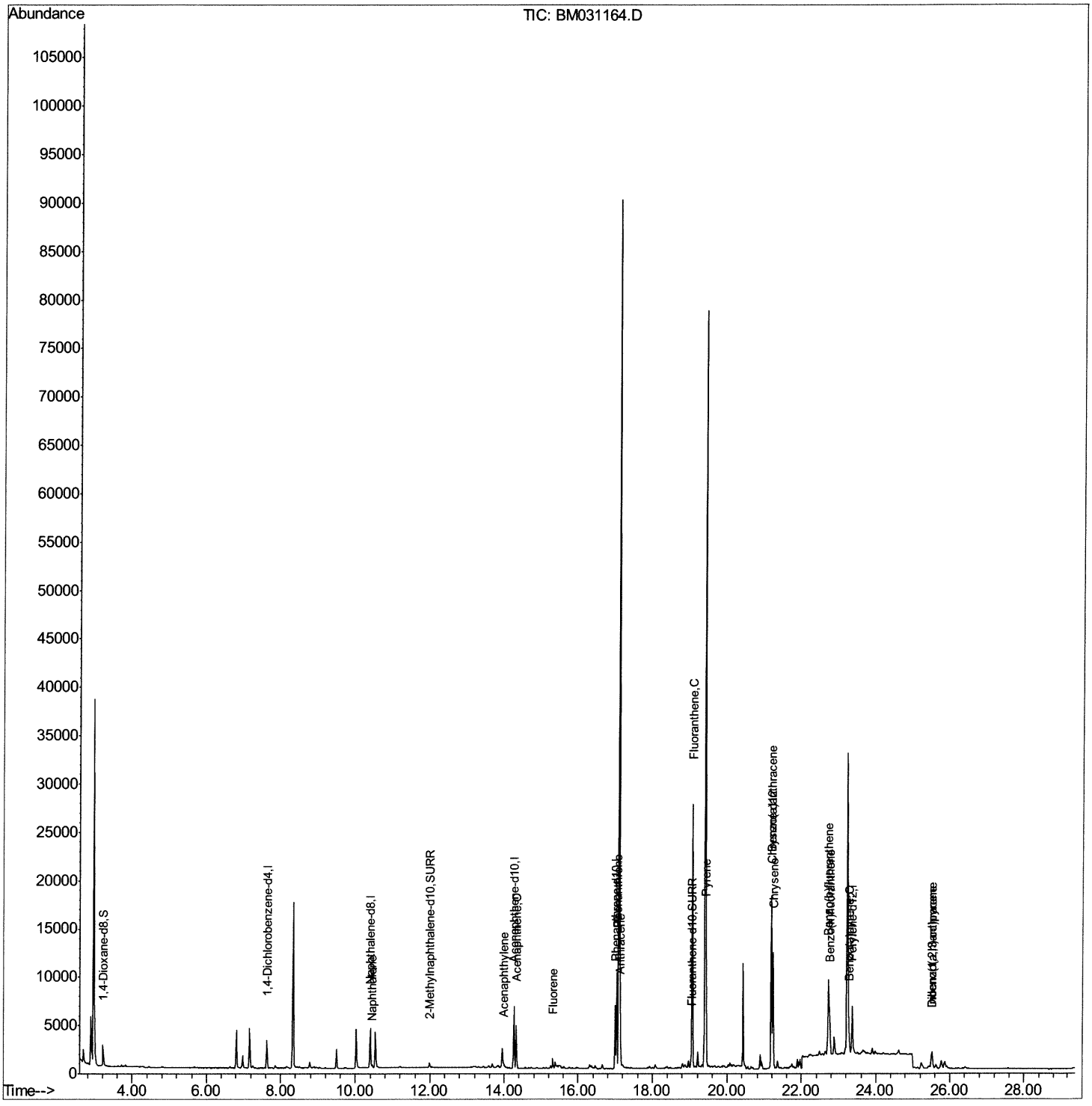
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM072621\
Data File : BM031164.D
Acq On : 26 Jul 2021 15:48
Operator : CG/JU
Sample : M2973-13DL 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jul 26 16:20:54 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 : Mon Jul 26 16:04:09 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BGE18DL

Manual Integrations APPROVED
mohammad
7/27/2021 12:09:07 PM



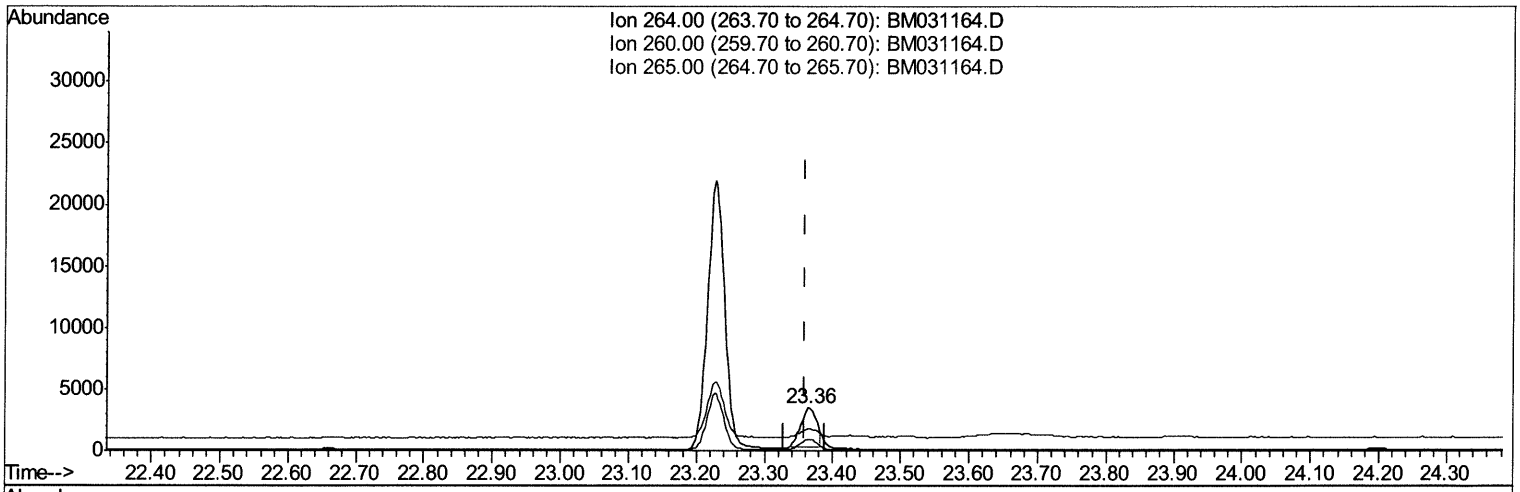
Quantitation Report (Qedit)

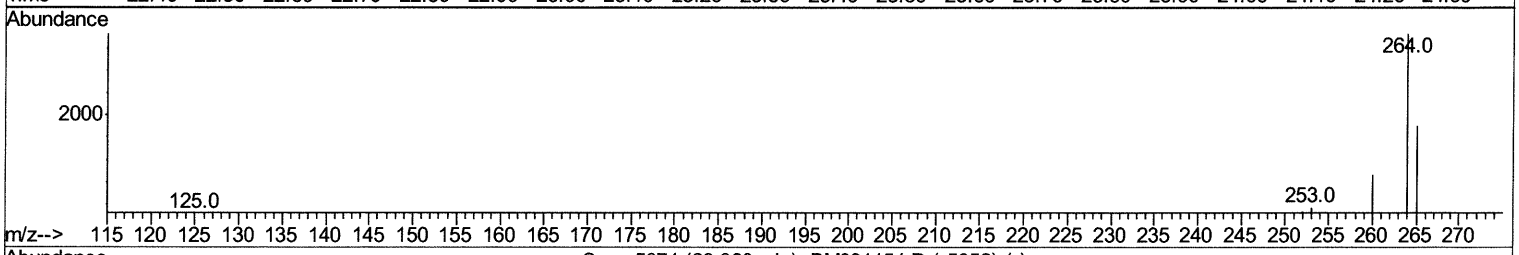
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM072621\
Data File : BM031164.D
Acq On : 26 Jul 2021 15:48
Operator : CG/JU
Sample : M2973-13DL 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

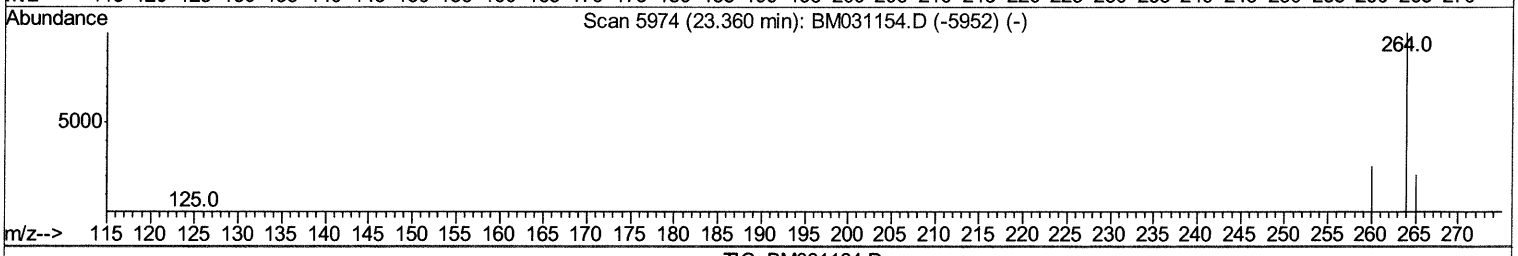
Quant Time: Jul 26 16:18:24 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 26 16:04:09 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BGE18DL

Manual Integrations APPROVED
mohammad
7/27/2021 12:09:07 PM







TIC: BM031164.D

(23) Perylene-d12 (I)

23.365min (+0.006) 0.40ng/ul

response 5160

Ion	Exp%	Act%
264.00	100	100
260.00	27.10	26.96
265.00	62.90	52.19
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM072621\
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ClientSampleId :
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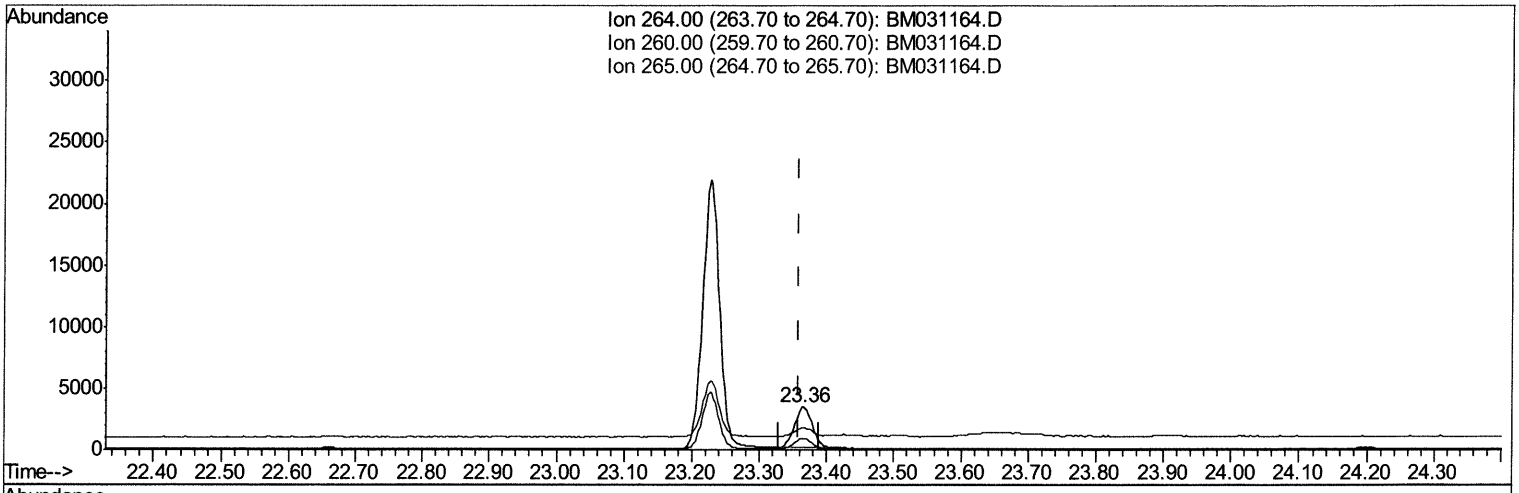
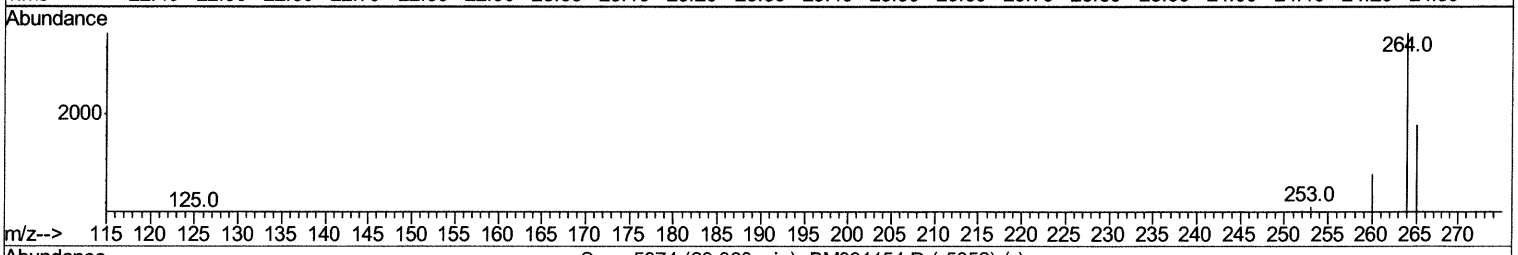
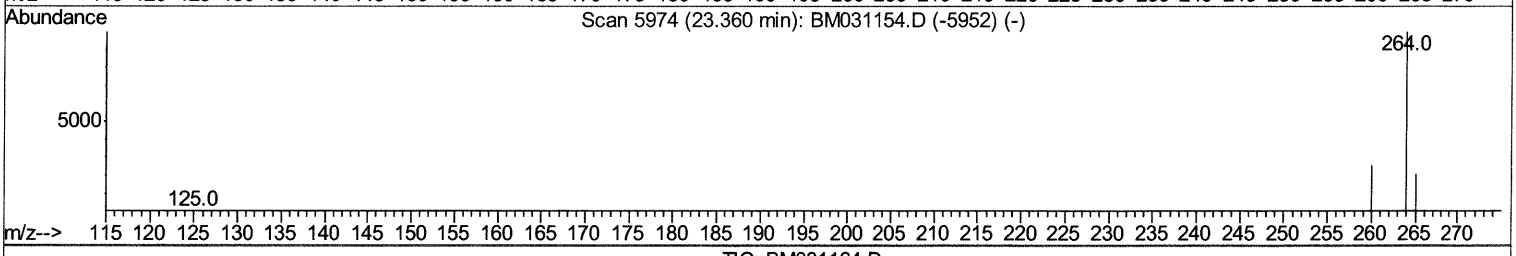
Manual Integrations APPROVED
mohammad
7/27/2021 12:09:07 PM







TIC: BM031164.D

(23) Perylene-d12 (I)

23.365min (+0.006) 0.40ng/ul m

response 6062

JG7/29/21

Ion	Exp%	Act%
264.00	100	100
260.00	27.10	26.96
265.00	62.90	52.19
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM072621\
Data File : BM031164.D
Acq On : 26 Jul 2021 15:48
Operator : CG/JU
Sample : M2973-13DL 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jul 26 16:19:52 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 : Mon Jul 26 16:04:09 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BGE18DL

Manual Integrations APPROVED
mohammad
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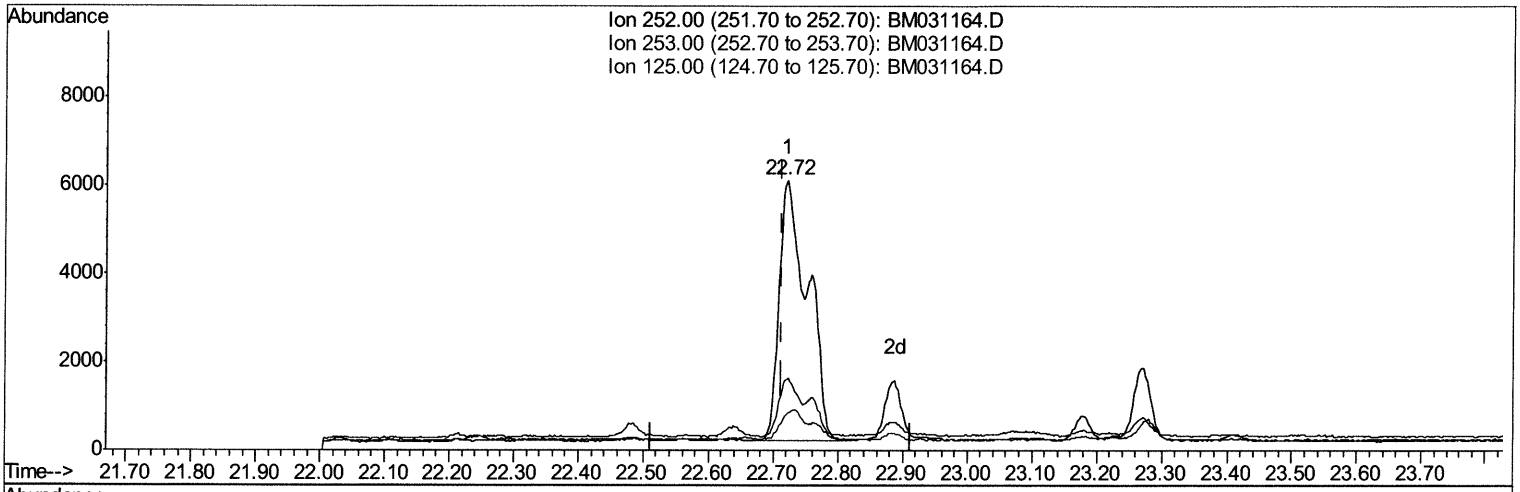
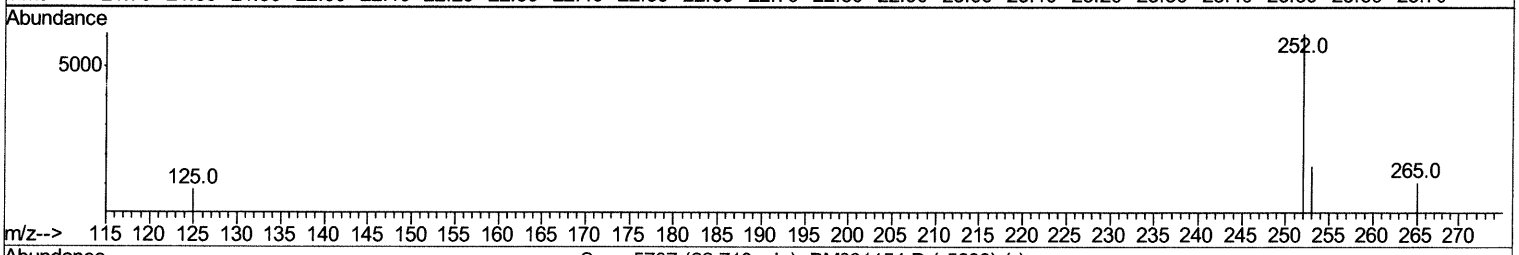
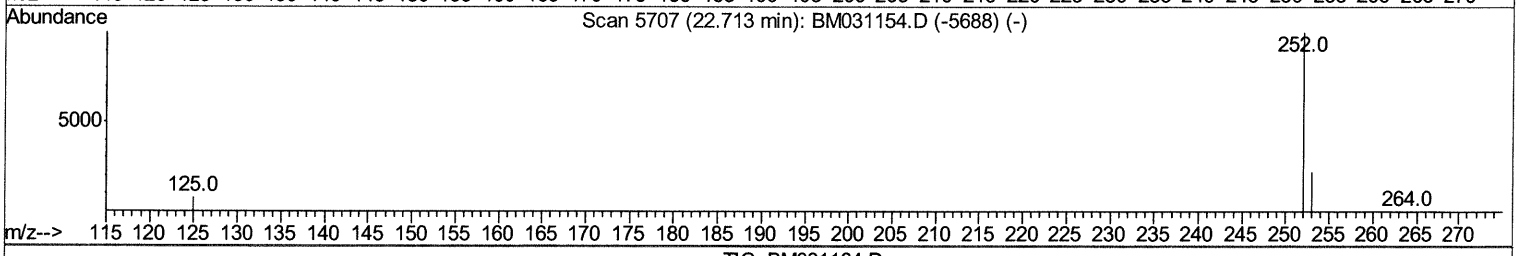






TIC: BM031164.D

(24) Benzo(b)fluoranthene

22.720min (+0.008) 0.64ng/ul

response 18154

Ion	Exp%	Act%
252.00	100	100
253.00	26.40	26.51
125.00	10.10	13.61
0.00	0.00	0.00

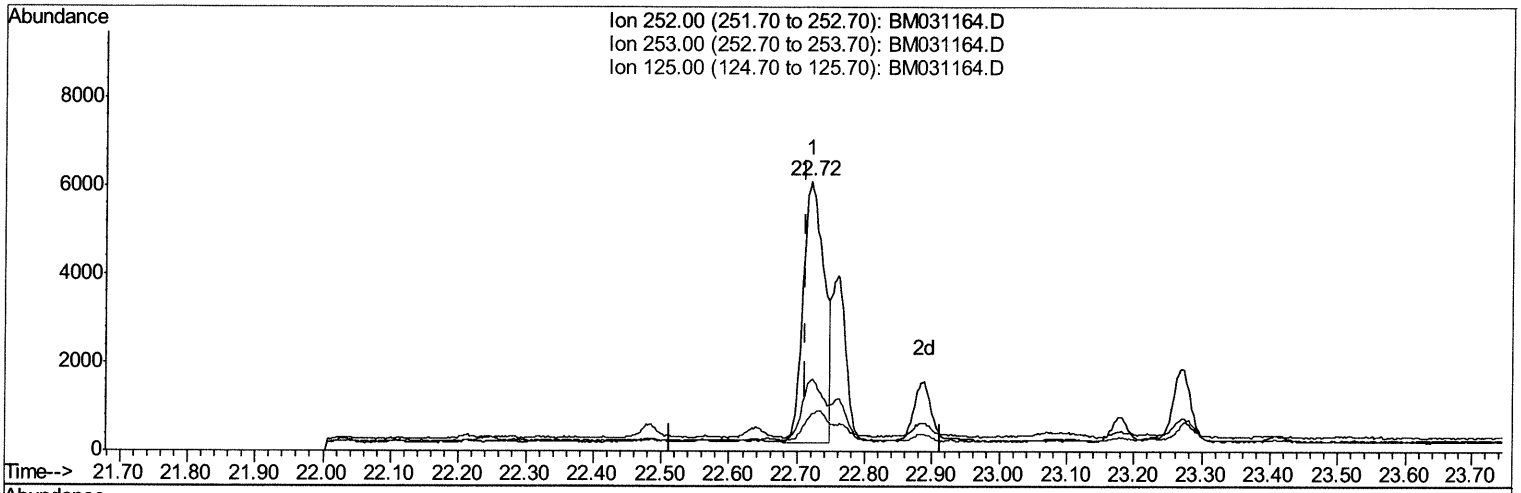
Quantitation Report (Qedit)

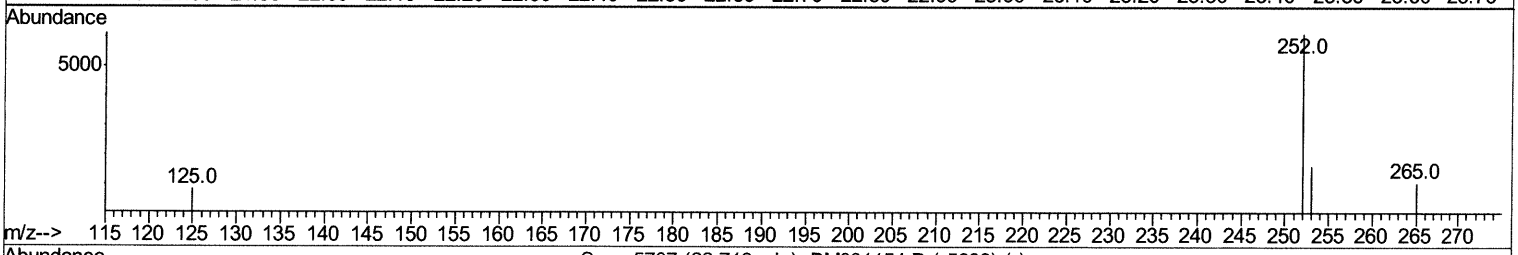
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM072621\
Data File : BM031164.D
Acq On : 26 Jul 2021 15:48
Operator : CG/JU
Sample : M2973-13DL 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

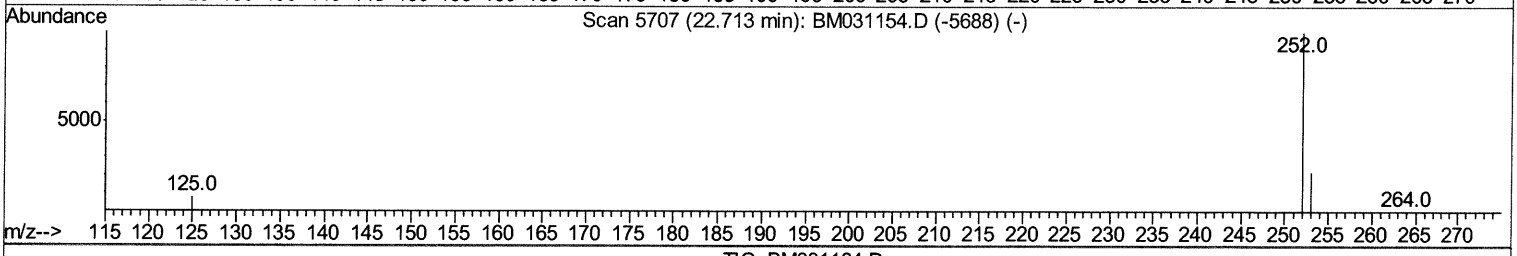
Quant Time: Jul 26 16:19:52 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 26 16:04:09 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BGE18DL

Manual Integrations APPROVED
mohammad
7/27/2021 12:09:07 PM







TIC: BM031164.D

(24) Benzo(b)fluoranthene

22.720min (+0.008) 0.44ng/ul m

response 12668

JU7| 29|21

Ion	Exp%	Act%
252.00	100	100
253.00	26.40	26.51
125.00	10.10	13.61
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM072621\
Data File : BM031164.D
Acq On : 26 Jul 2021 15:48
Operator : CG/JU
Sample : M2973-13DL 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jul 26 16:19:52 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 : Mon Jul 26 16:04:09 2021
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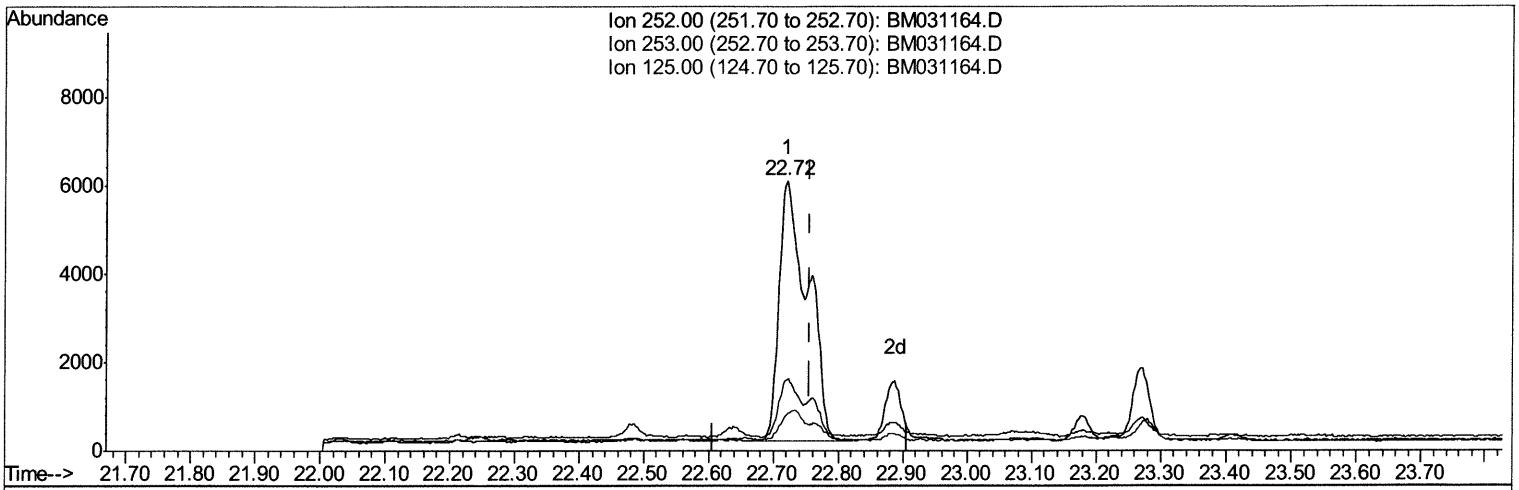
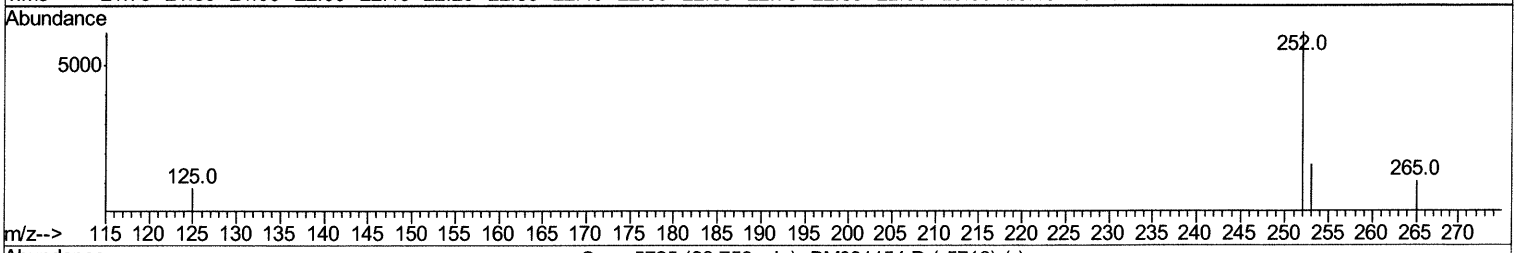
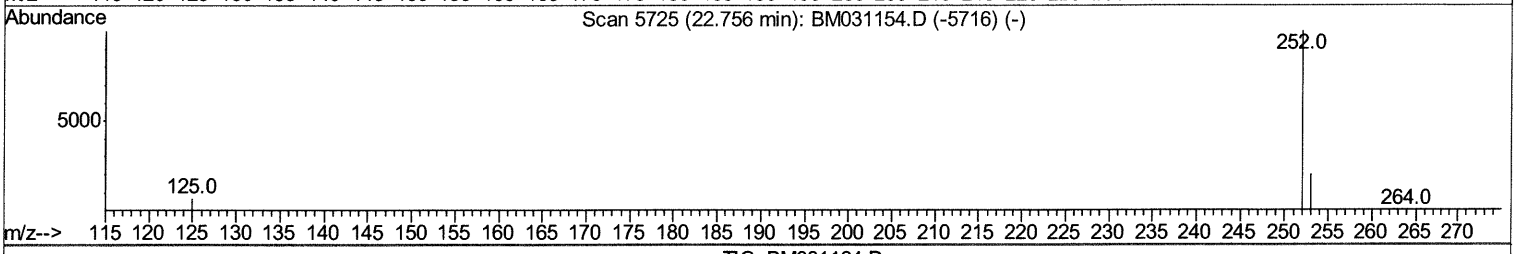
Instrument :
BNA_M
ClientSampleId :
BGE18DL

Manual Integrations APPROVED
mohammad
7/27/2021 12:09:07 PM







TIC: BM031164.D

(25) Benzo(k)fluoranthene

22.720min (-0.036) 0.63ng/ul

response 18154

Ion	Exp%	Act%
252.00	100	100
253.00	27.00	26.51
125.00	10.80	13.61#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM072621\
Data File : BM031164.D
Acq On : 26 Jul 2021 15:48
Operator : CG/JU
Sample : M2973-13DL 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jul 26 16:19:52 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072221.M
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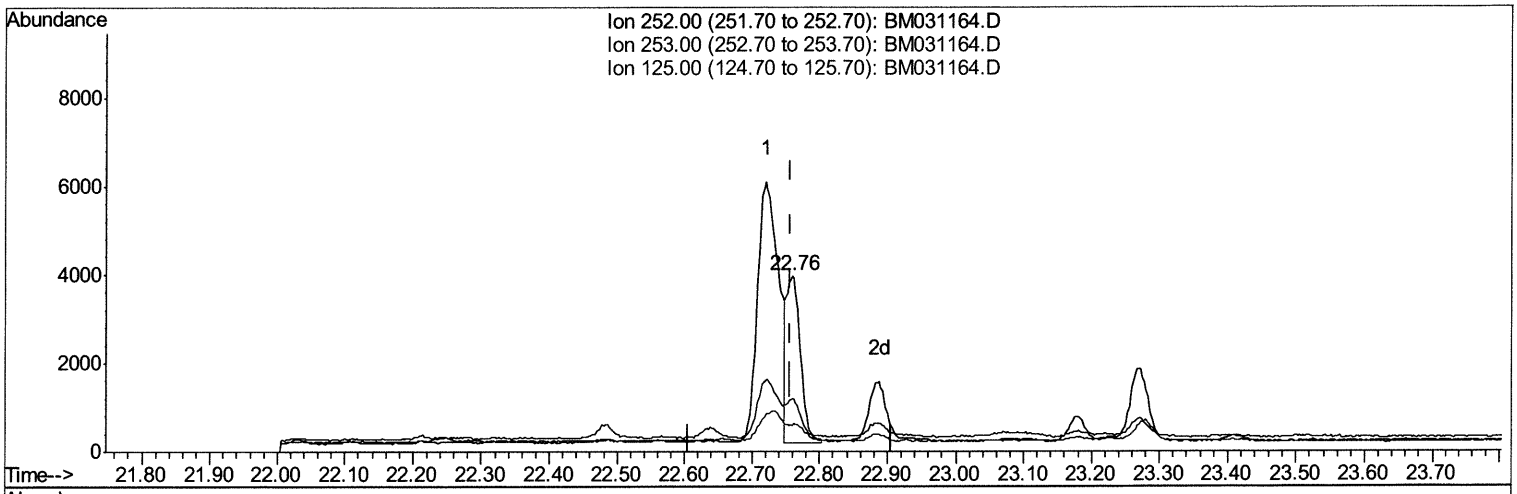
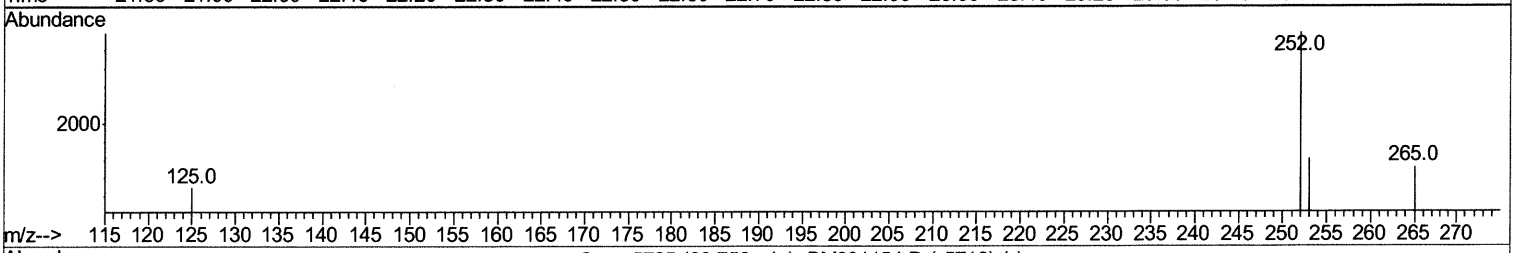
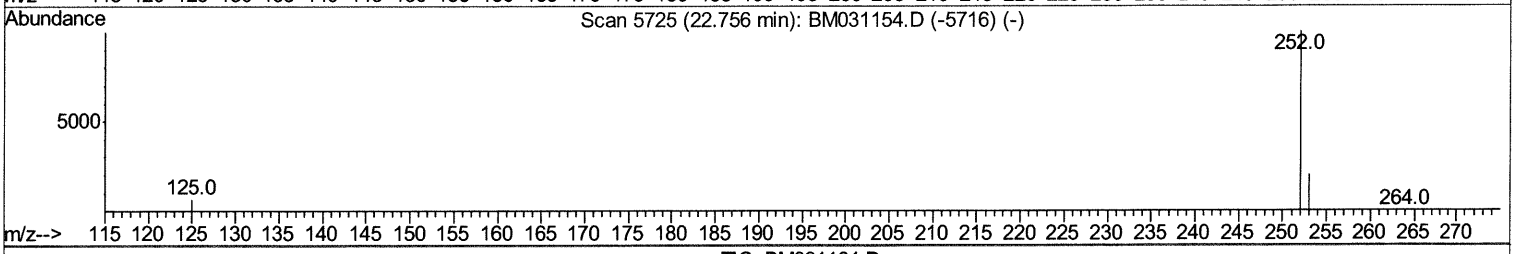
Instrument :
BNA_M
ClientSampleId :
BGE18DL

Manual Integrations APPROVED
mohammad
7/27/2021 12:09:07 PM







TIC: BM031164.D

(25) Benzo(k)fluoranthene

22.759min (+0.003) 0.19ng/ul m

7/29/21

response 5585

Ion	Exp%	Act%
252.00	100	100
253.00	27.00	30.21
125.00	10.80	14.77#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Data File : BM031164.D
Acq On : 26 Jul 2021 15:48
Operator : CG/JU
Sample : M2973-13DL 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BGE18DL

Manual Integrations APPROVED
mohammad
7/27/2021 12:09:07 PM

Quant Time: Jul 26 16:20:54 2021
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	1421	0.40	ng/ul	0.00
4) Naphthalene-d8	10.40	136	5450	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.26	164	3558	0.40	ng/ul	0.00
13) Phenanthrene-d10	17.01	188	7645	0.40	ng/ul	0.00
17) Chrysene-d12	21.19	240	7166	0.40	ng/ul	0.00
23) Perylene-d12	23.36	264	6062m>	0.40	ng/ul>	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.21	96	1553	1.04	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.99	152	588	0.06	ng/ul	0.00
18) Fluoranthene-d10	19.04	212	1446	0.07	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.45	128	381	0.023	ng/ul#	66
10) Acenaphthylene	13.98	152	457	0.031	ng/ul#	75
11) Acenaphthene	14.32	153	2580	0.201	ng/ul	98
12) Fluorene	15.32	166	620	0.041	ng/ul#	96
15) Phenanthrene	17.05	178	10300	0.424	ng/ul	99
16) Anthracene	17.14	178	3710	0.163	ng/ul	98
19) Fluoranthene	19.07	202	23125	0.802	ng/ul	97
20) Pyrene	19.43	202	10837	0.368	ng/ul#	96
21) Benzo(a)anthracene	21.18	228	13278	0.464	ng/ul	95
22) Chrysene	21.23	228	10956	0.354	ng/ul	99
24) Benzo(b)fluoranthene	22.72	252	12668m	0.444	ng/ul	
25) Benzo(k)fluoranthene	22.76	252	5585m	0.193	ng/ul	
26) Benzo(a)pyrene	23.27	252	3089	0.125	ng/ul#	71
27) Indeno(1,2,3-cd)pyrene	25.52	276	2320	0.072	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.53	278	1306	0.050	ng/ul#	61

JU 7/29/21

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