

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062219\
Data File : BN006406.D

Data File : BN006496.D

Acq On : 22 Jun 2019 19:15

Operator : HP/JU

Sample : K3335-07RE

Misc :

ALS Vial : 13 Sample Multiplier: 1

Quant Time: Jun 24 08:36:37 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN053019.M
Quant Title : ASP BNA STANDARDS FOR E-CONTAMINANTS

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
OLast Update : May 1 1999

QLast Update : Mon Jun 17 11:13:07 2019

Response via : Initial Calibration

BNA N

ClientSampleId :

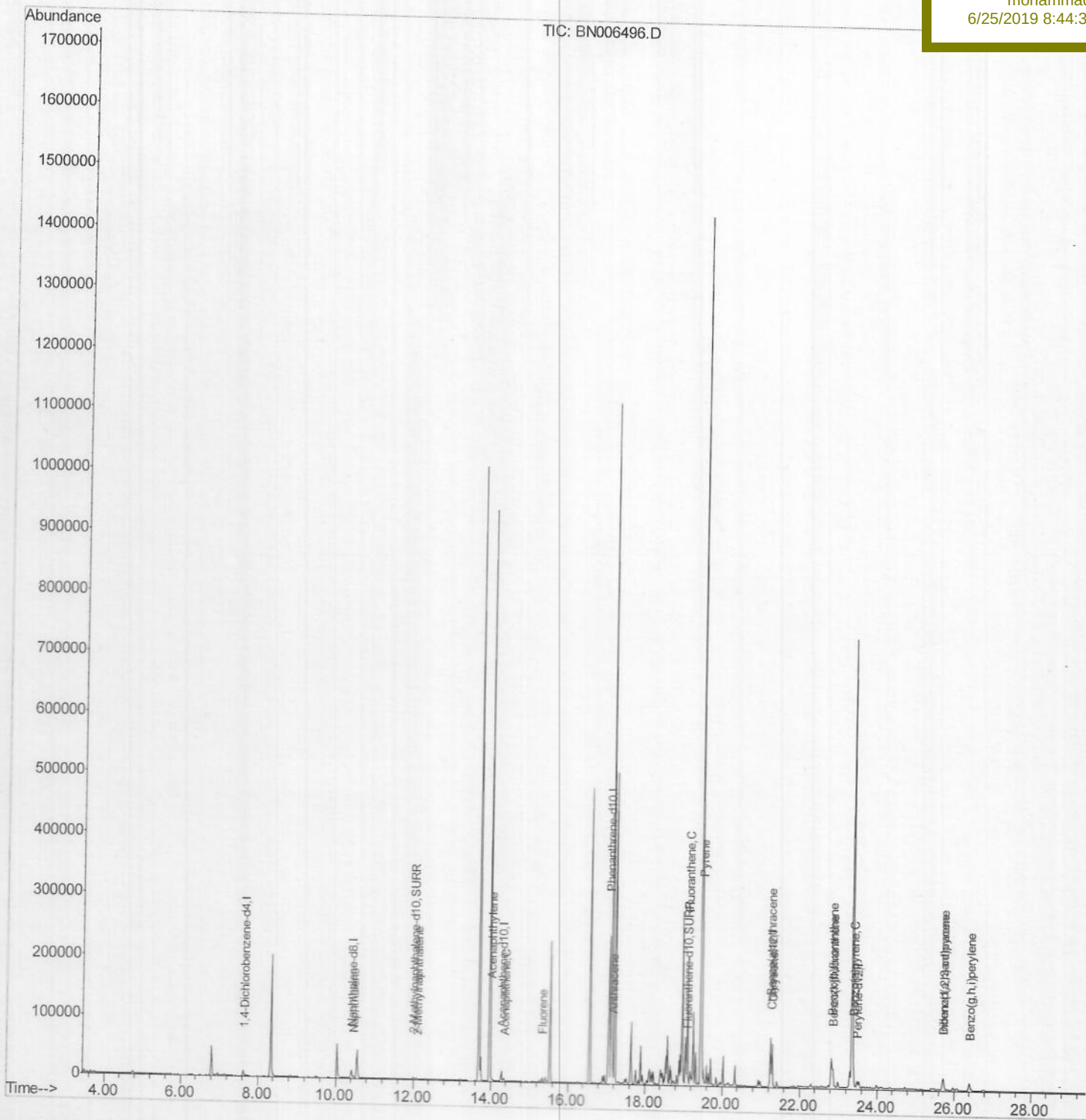
A4234RE

Manual Integrations

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Quantitation Report (Qedit)

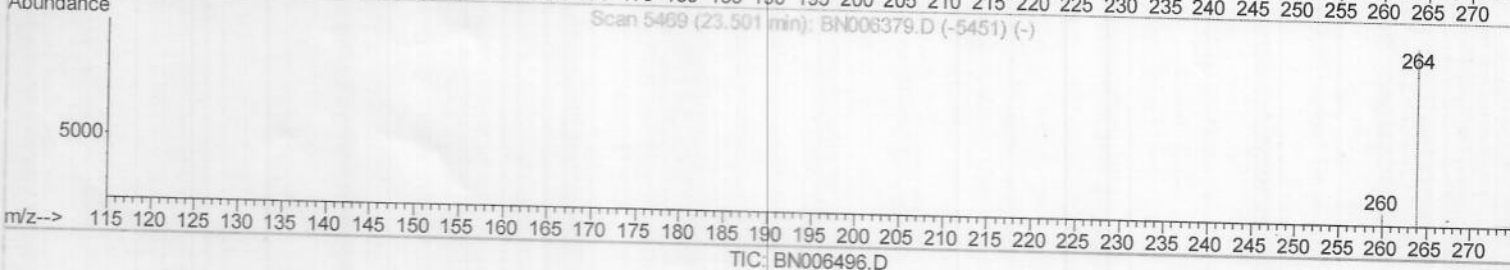
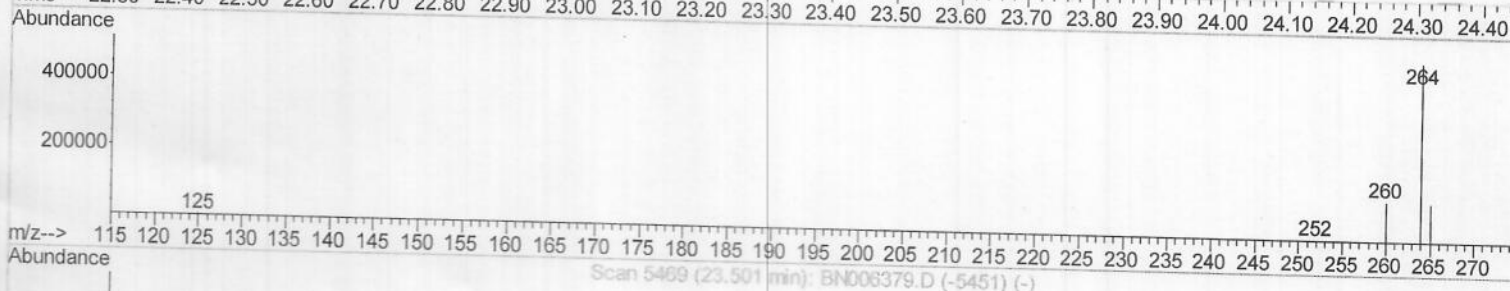
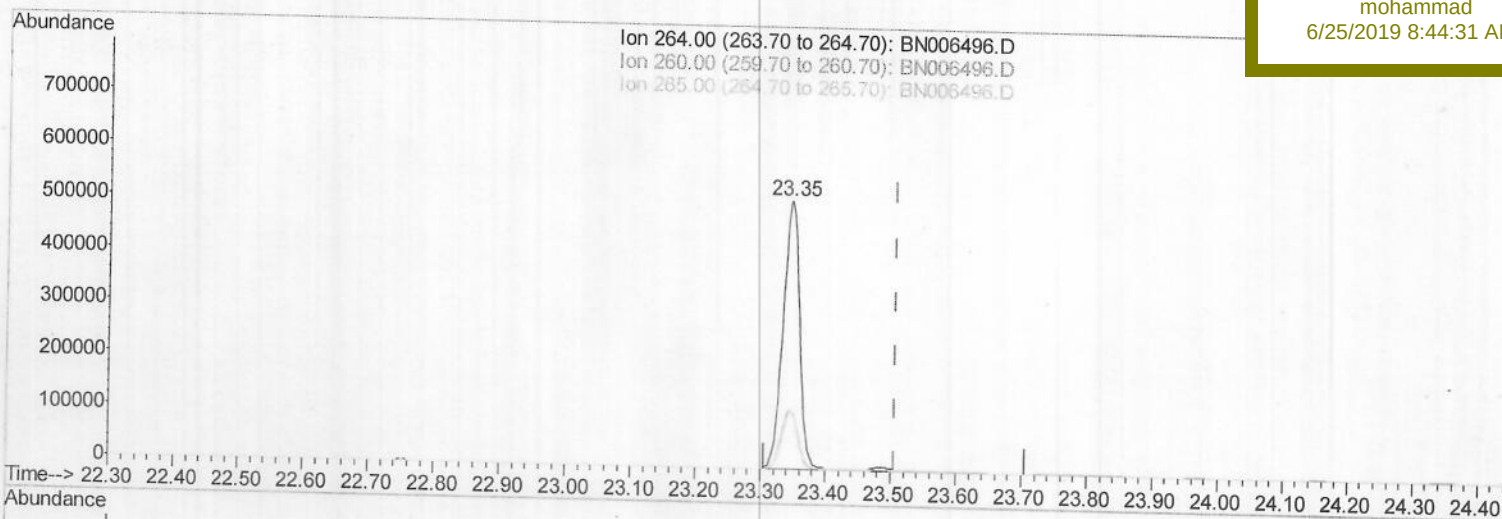
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062219\
 Data File : BN006496.D
 Acq On : 22 Jun 2019 19:15
 Operator : HP/JU
 Sample : K3335-07RE
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Quant Time: Jun 24 08:30:49 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN053019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 17 11:13:07 2019
 Response via : Initial Calibration

Instrument :
 BNA_N
 ClientSampleId :
 A4234RE

Manual Integrations
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(20) Perylene-d12 (I)

23.346min (-0.161) 0.40ng/ul

response 911197

Ion	Exp%	Act%
264.00	100	100
260.00	29.20	22.33#
265.00	44.70	21.47#
0.00	0.00	0.00

Quantitation Report (Qedit)

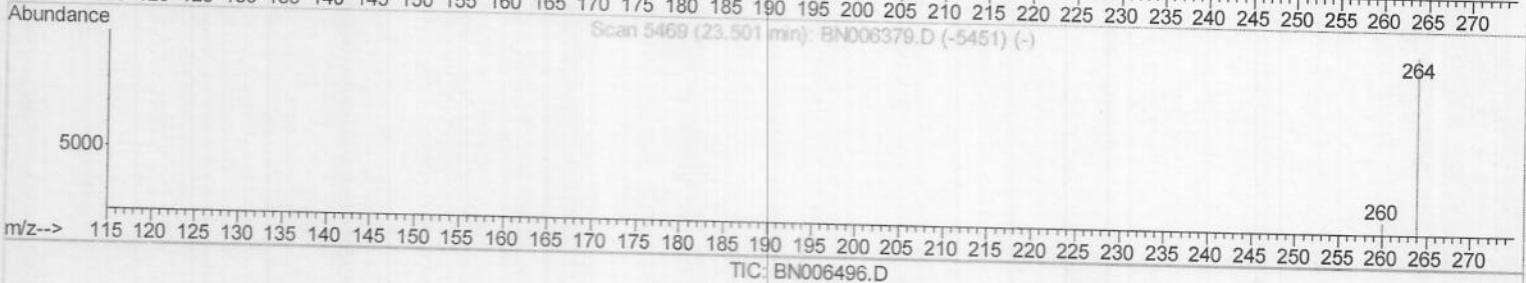
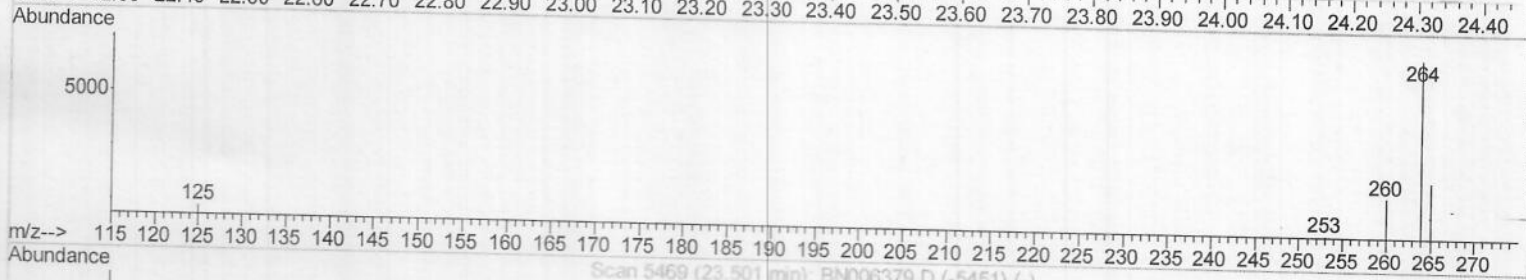
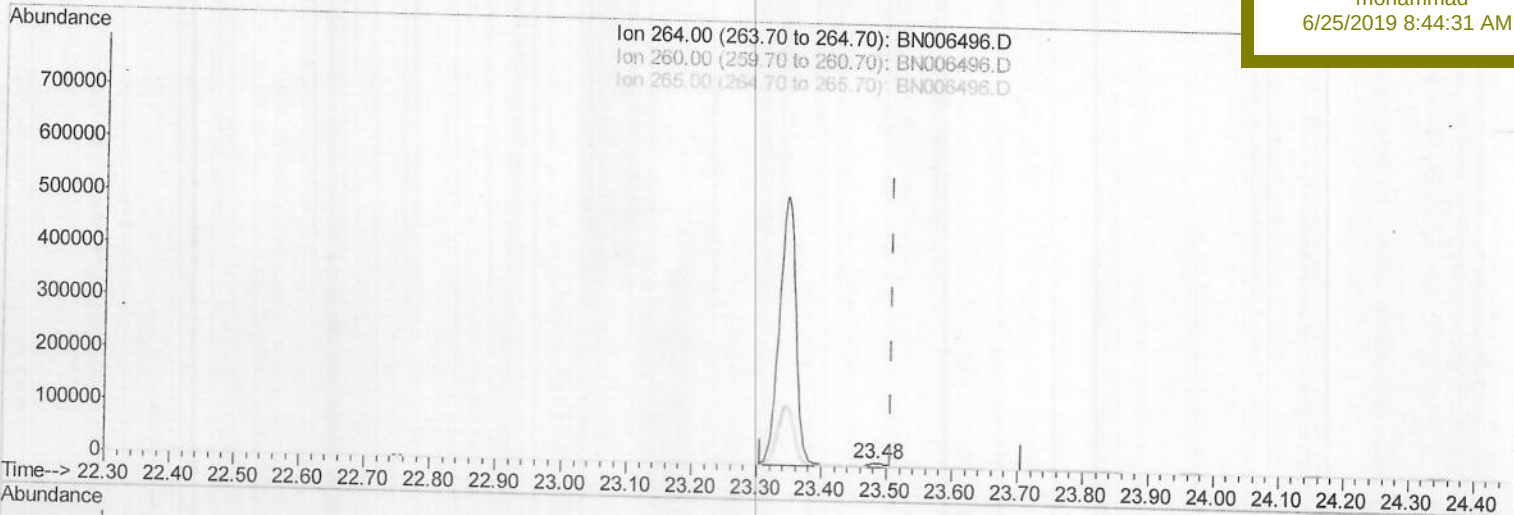
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062219\
 Data File : BN006496.D
 Acq On : 22 Jun 2019 19:15
 Operator : HP/JU
 Sample : K3335-07RE
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 Client Sampled :
 A4234RE

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Quant Time: Jun 24 08:30:49 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN053019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 17 11:13:07 2019
 Response via : Initial Calibration



(20) Perylene-d12 (I)

23.484min (-0.023) 0.40ng/ul m

> JU 06/25/19

response 11022

Ion	Exp%	Act%
264.00	100	100
260.00	29.20	27.27
265.00	44.70	35.62#
0.00	0.00	0.00

Quantitation Report (Qedit)

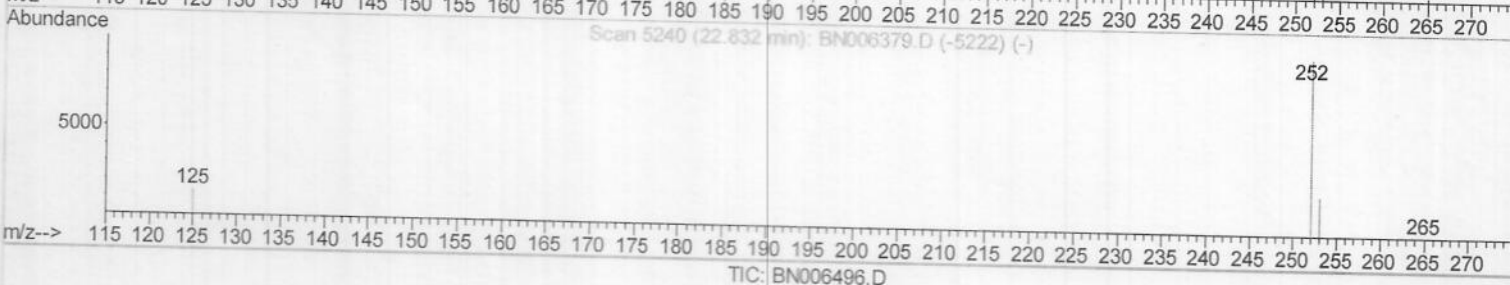
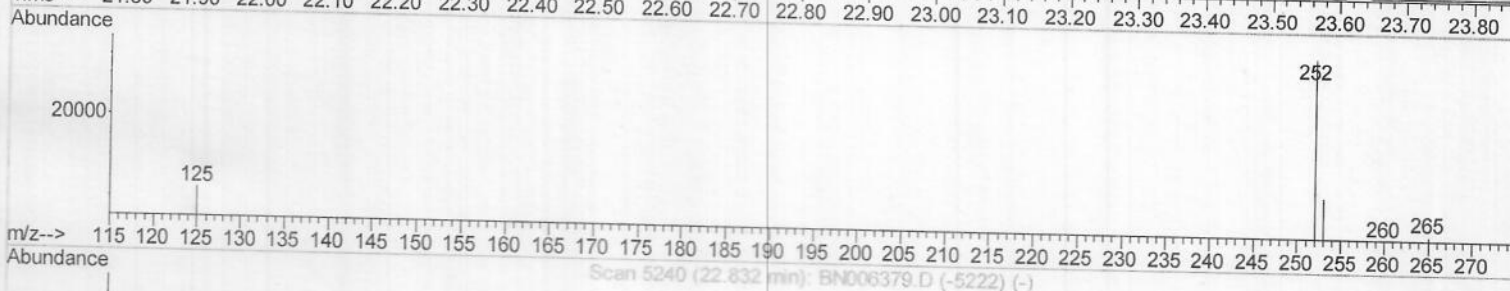
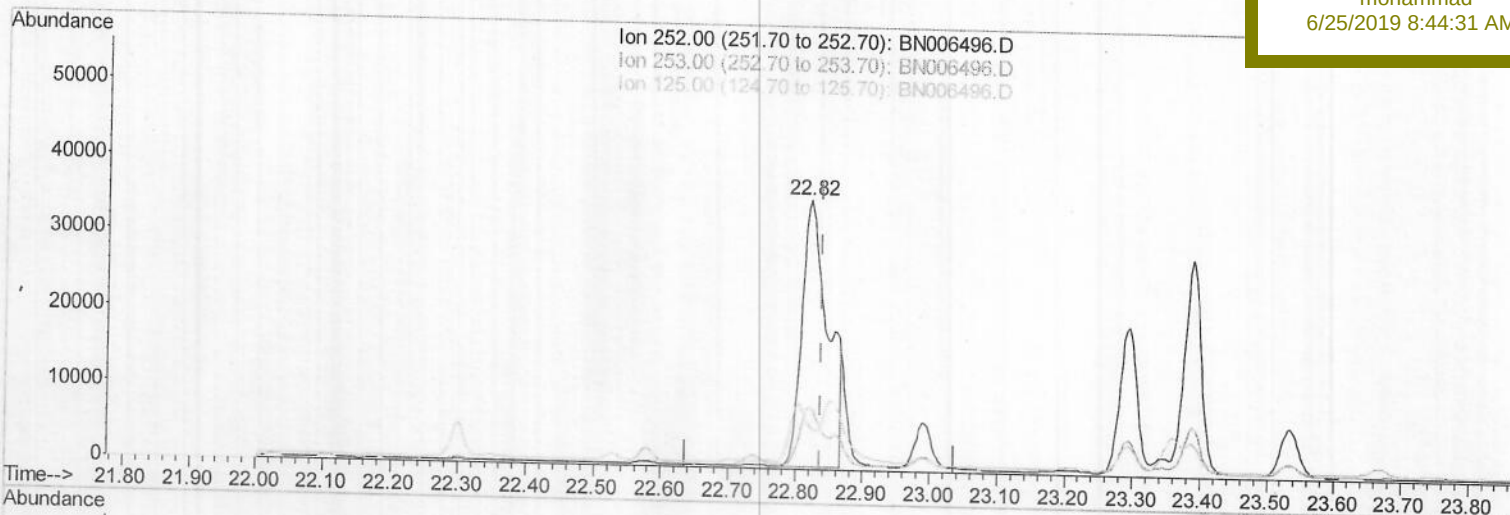
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062219\
 Data File : BN006496.D
 Acq On : 22 Jun 2019 19:15
 Operator : HP/JU
 Sample : K3335-07RE
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Quant Time: Jun 24 08:32:20 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN053019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 17 11:13:07 2019
 Response via : Initial Calibration

Instrument :
 BNA_N
 Client Sample Id :
 A4234RE

Manual Integrations
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(21) Benzo(b)fluoranthene
 22.820min (-0.018) 2.05ng/ul
 response 94352

Ion	Exp%	Act%
252.00	100	100
253.00	25.70	23.23
125.00	20.50	16.56
0.00	0.00	0.00

Quantitation Report (Qedit)

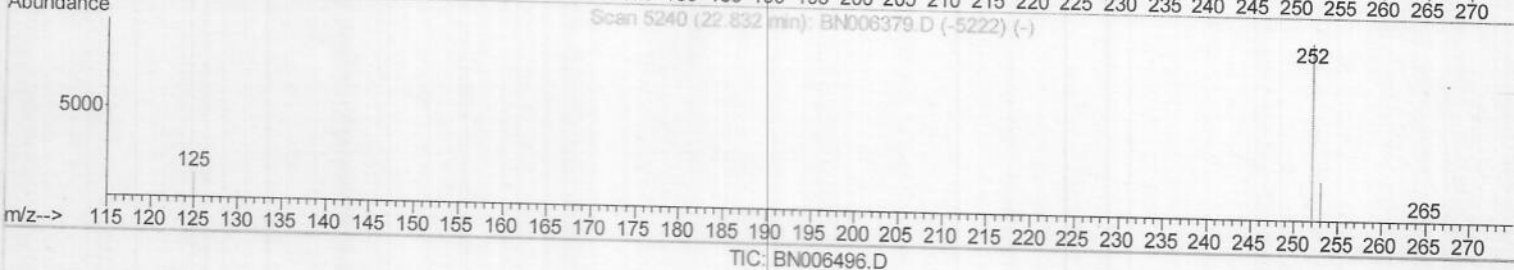
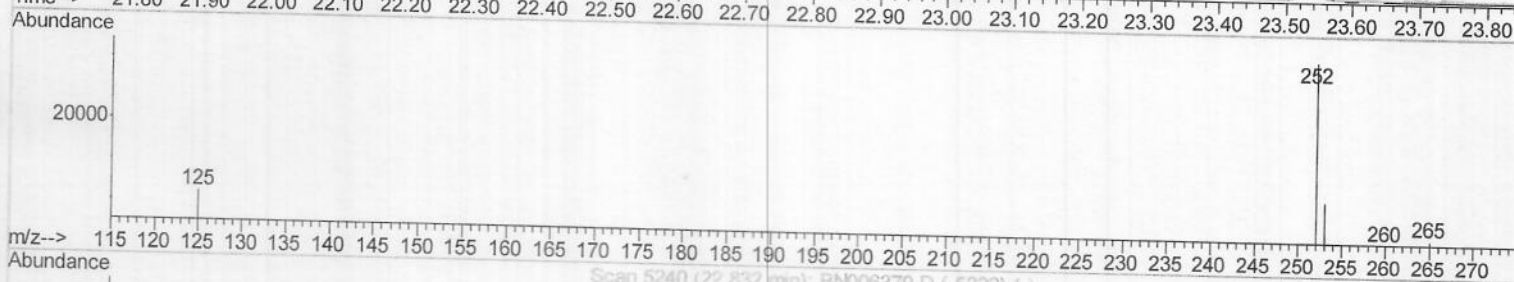
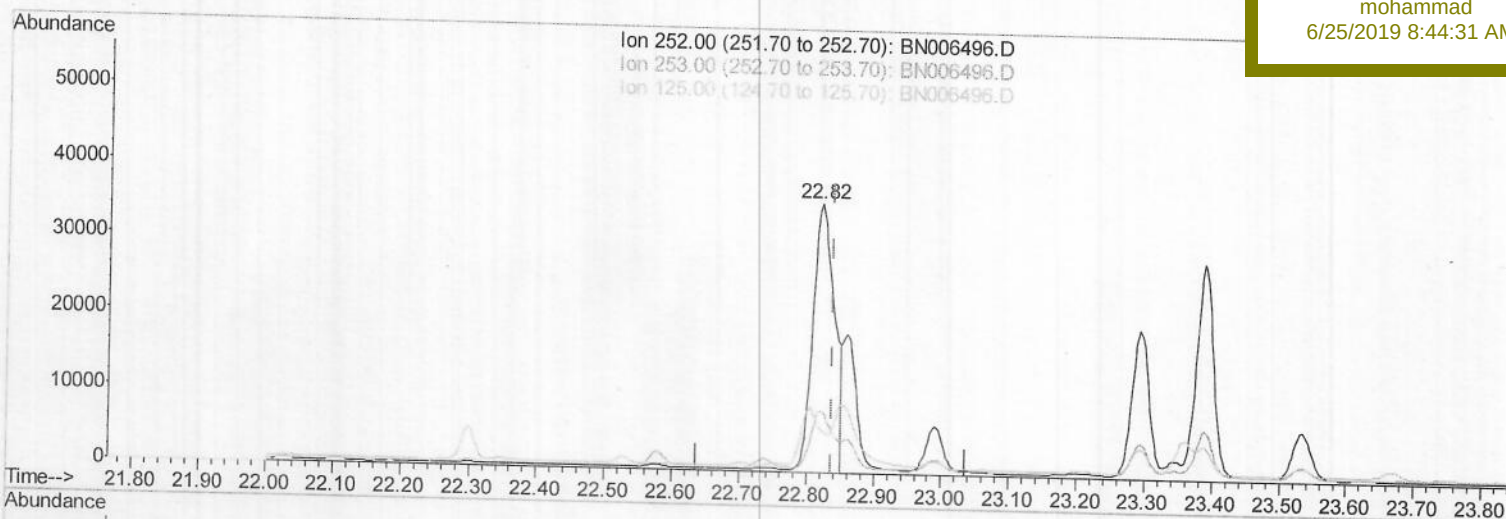
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062219\
 Data File : BN006496.D
 Acq On : 22 Jun 2019 19:15
 Operator : HP/JU
 Sample : K3335-07RE
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Quant Time: Jun 24 08:32:20 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN053019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 17 11:13:07 2019
 Response via : Initial Calibration

Instrument :
 BNA_N
 ClientSampleId :
 A4234RE

Manual Integrations
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(21) Benzo(b)fluoranthene

22.820min (-0.018) 1.70ng/ul m > JU 06/25/19

response 77990

Ion	Exp%	Act%
252.00	100	100
253.00	25.70	23.23
125.00	20.50	16.56
0.00	0.00	0.00

Quantitation Report (Qedit)

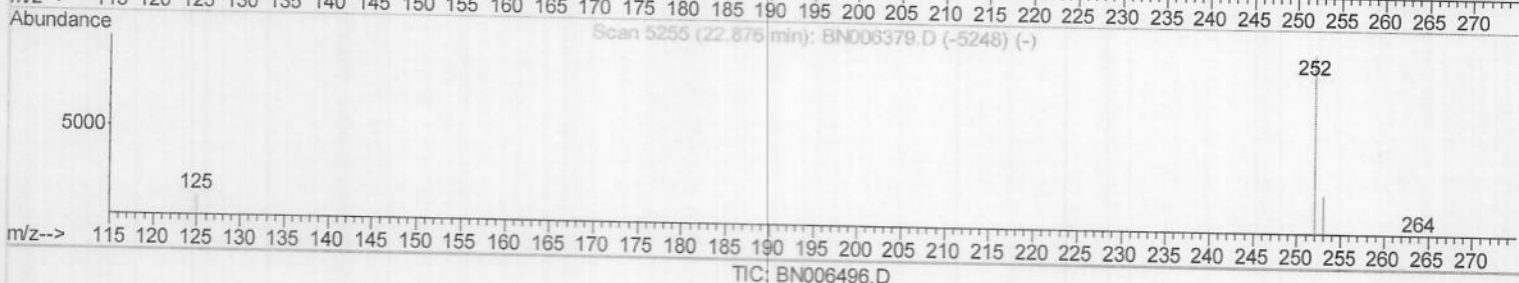
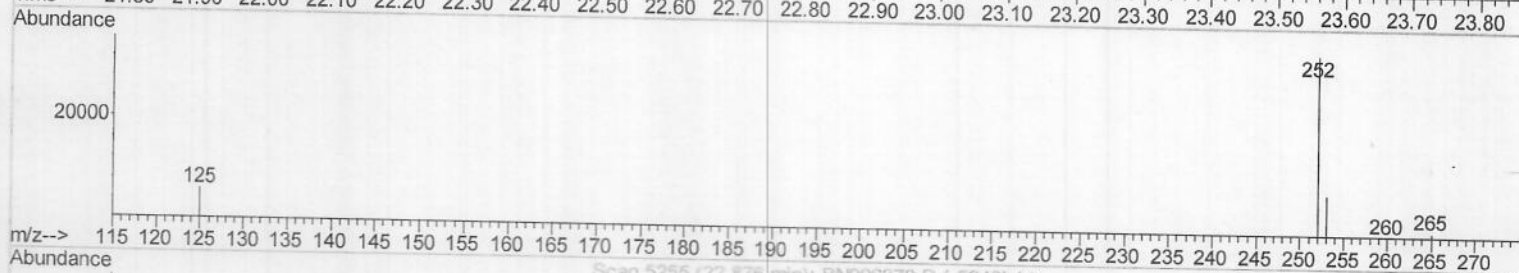
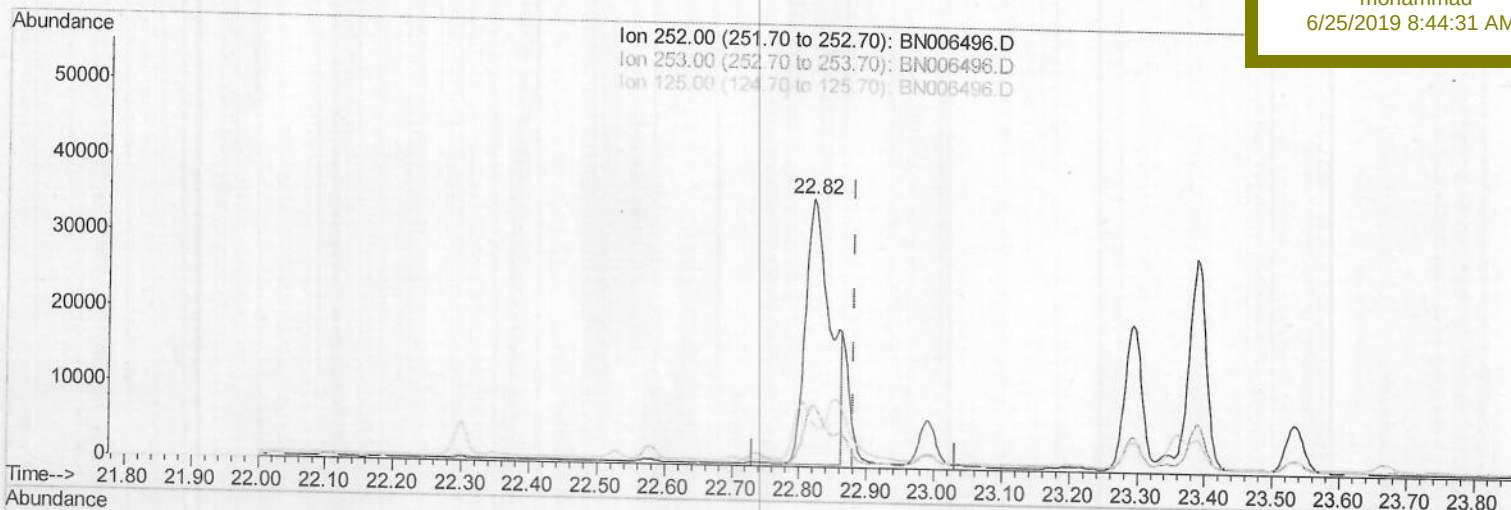
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062219\
 Data File : BN006496.D
 Acq On : 22 Jun 2019 19:15
 Operator : HP/JU
 Sample : K3335-07RE
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Quant Time: Jun 24 08:32:48 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN053019.M
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 QLast Update : Mon Jun 17 11:13:07 2019
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Instrument :
 BNA_N
 ClientSampleId :
 A4234RE

Manual Integrations
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(22) Benzo(k)fluoranthene
 22.820min (-0.061) 1.98ng/ul
 response 88601

Ion	Exp%	Act%
252.00	100	100
253.00	25.40	23.23
125.00	17.90	16.56
0.00	0.00	0.00

Quantitation Report (Qedit)

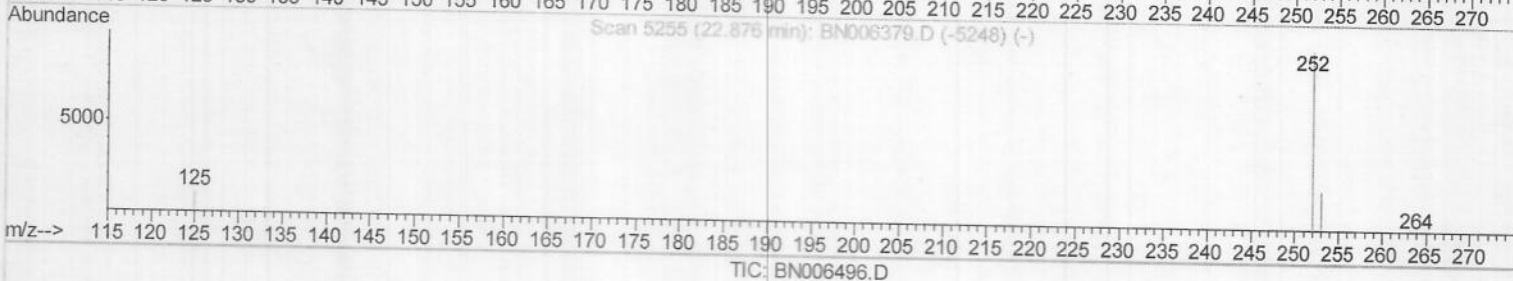
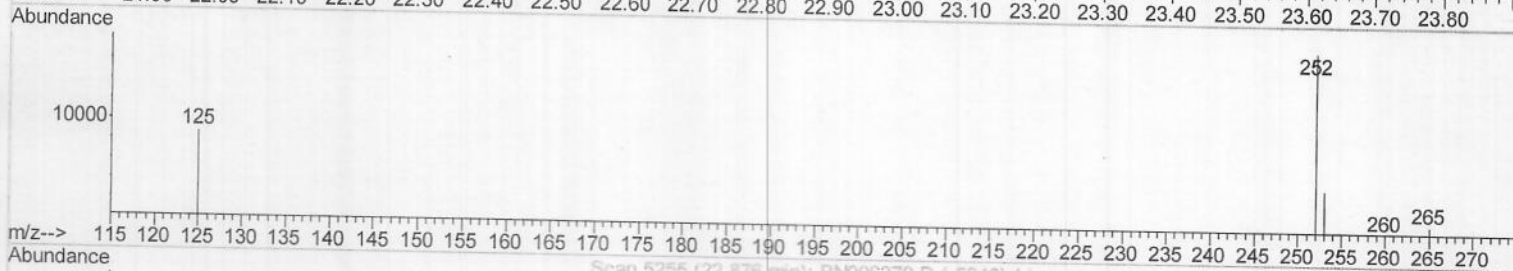
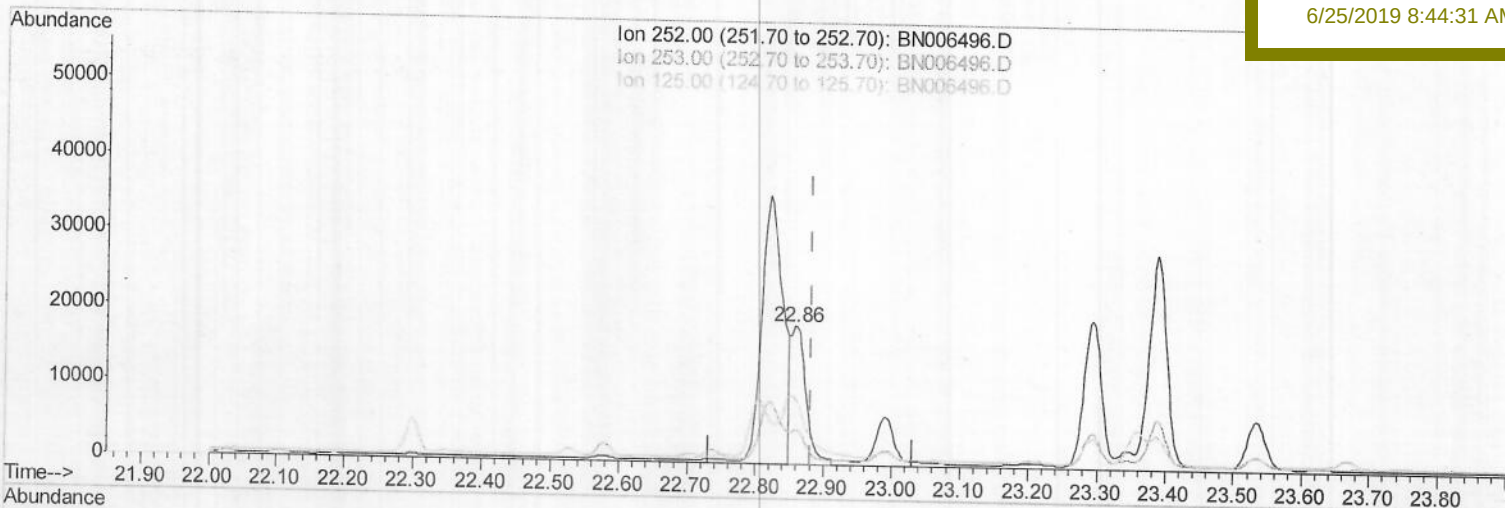
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062219\
 Data File : BN006496.D
 Acq On : 22 Jun 2019 19:15
 Operator : HP/JU
 Sample : K3335-07RE
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Quant Time: Jun 24 08:32:48 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN053019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 17 11:13:07 2019
 Response via : Initial Calibration

Instrument :
 BNA_N
 ClientSampleId :
 A4234RE

Manual Integrations
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(22) Benzo(k)fluoranthene

22.858min (-0.023) 0.63ng/ul m

> JU 06/25/19

response 28265

Ion	Exp%	Act%
252.00	100	100
253.00	25.40	24.55
125.00	17.90	47.86#
0.00	0.00	0.00

Quantitation Report (Qedit)

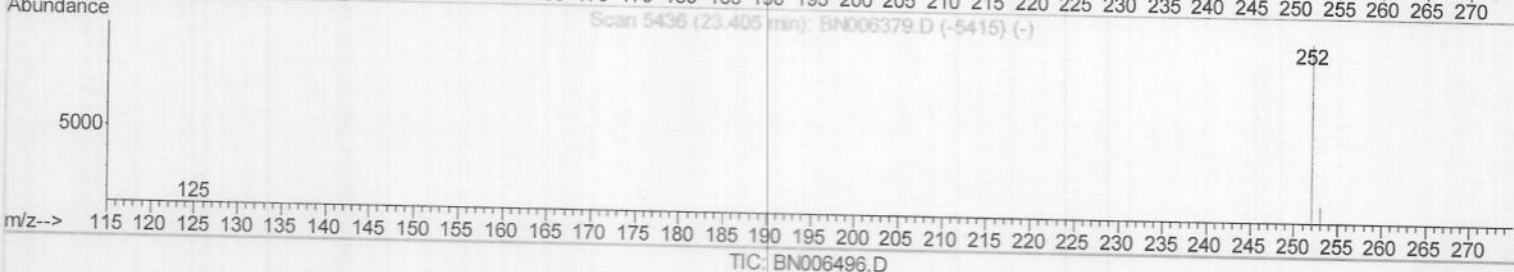
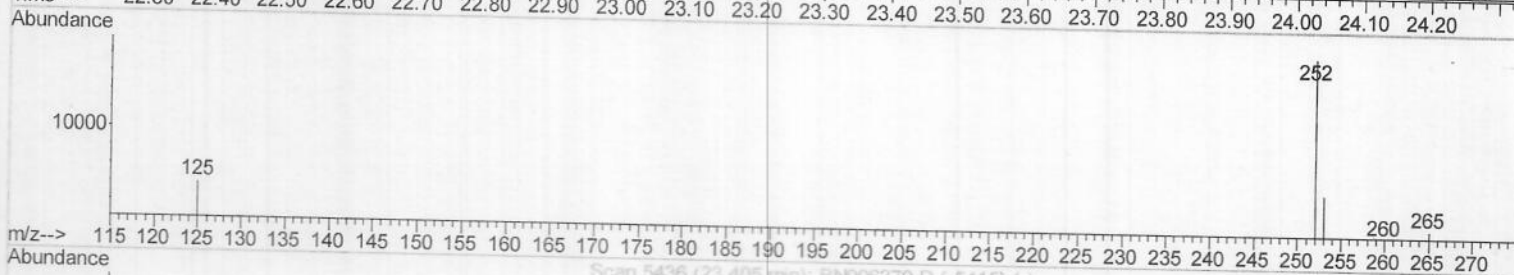
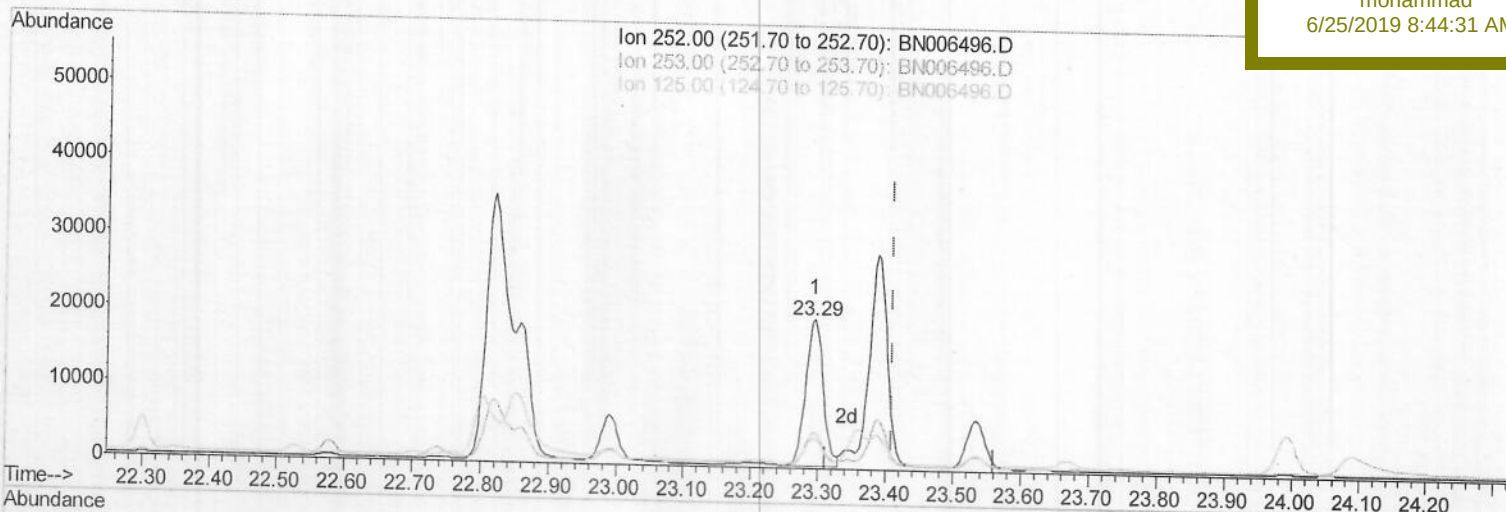
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062219\
 Data File : BN006496.D
 Acq On : 22 Jun 2019 19:15
 Operator : HP/JU
 Sample : K3335-07RE
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Quant Time: Jun 24 08:32:48 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN053019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 17 11:13:07 2019
 Response via : Initial Calibration

Instrument :
 BNA_N
 ClientSampleId :
 A4234RE

Manual Integrations
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TIC: BN006496.D

(23) Benzo(a)pyrene (C)

23.294min (-0.117) 0.81ng/ul

response 34686

Ion	Exp%	Act%
252.00	100	100
253.00	26.40	23.54
125.00	25.40	20.51
0.00	0.00	0.00

Quantitation Report (Qedit)

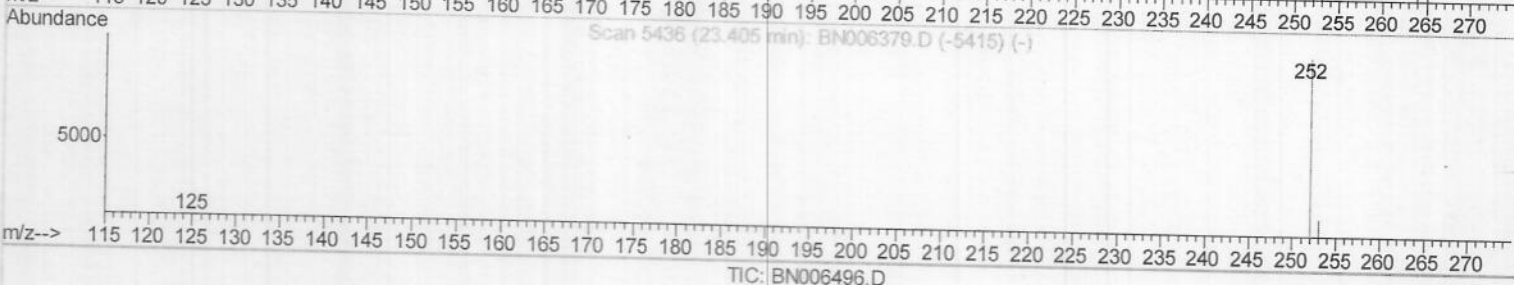
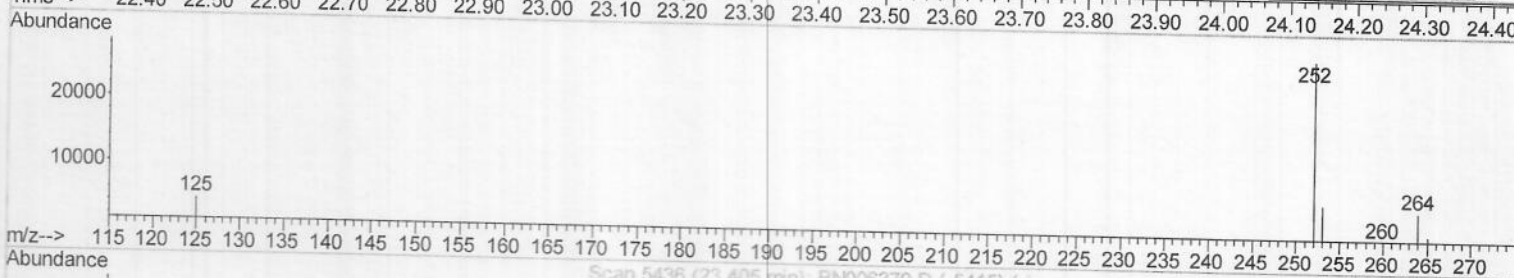
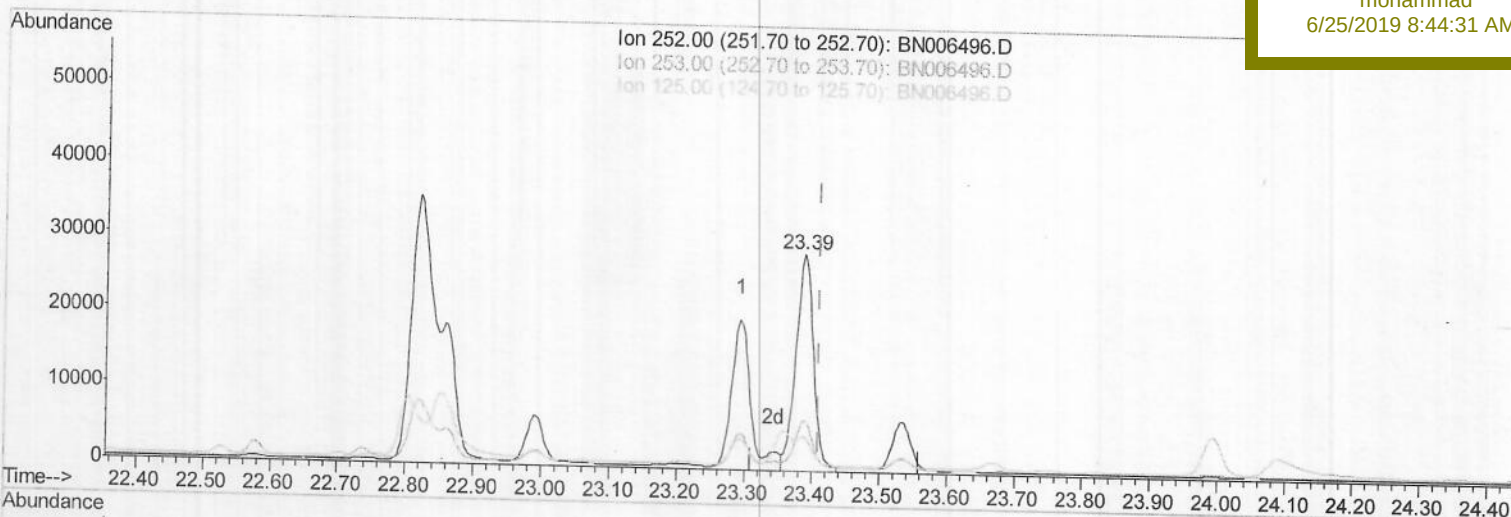
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062219\
 Data File : BN006496.D
 Acq On : 22 Jun 2019 19:15
 Operator : HP/JU
 Sample : K3335-07RE
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Quant Time: Jun 24 08:32:48 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN053019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 17 11:13:07 2019
 Response via : Initial Calibration

Instrument :
 BNA_N
 ClientSampleId :
 A4234RE

Manual Integrations
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(23) Benzo(a)pyrene (C)

23.387min (-0.023) 1.21ng/ul m

> JU 06/25/19

response 51881

Ion	Exp%	Act%
252.00	100	100
253.00	26.40	22.92
125.00	25.40	15.84#
0.00	0.00	0.00

Quantitation Report (Qedit)

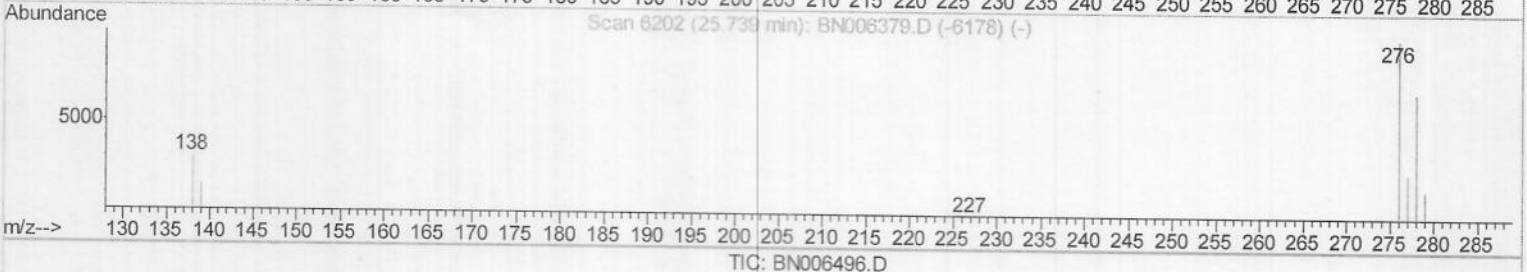
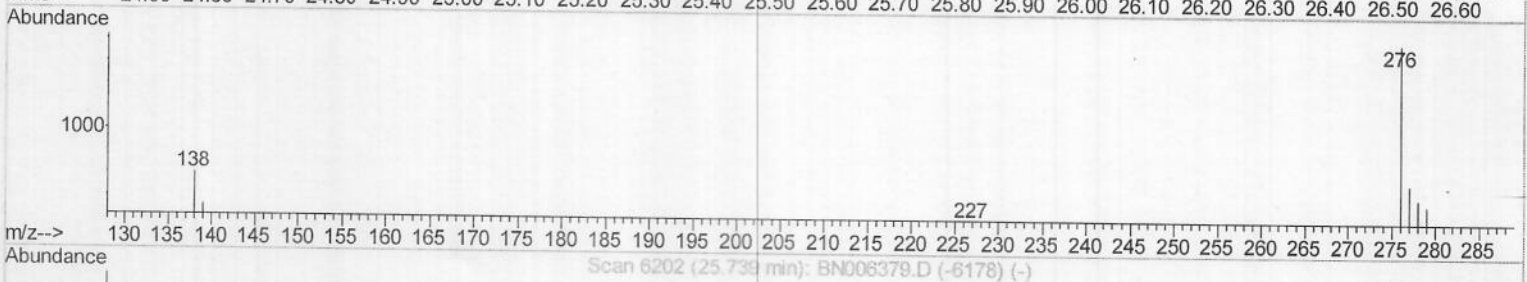
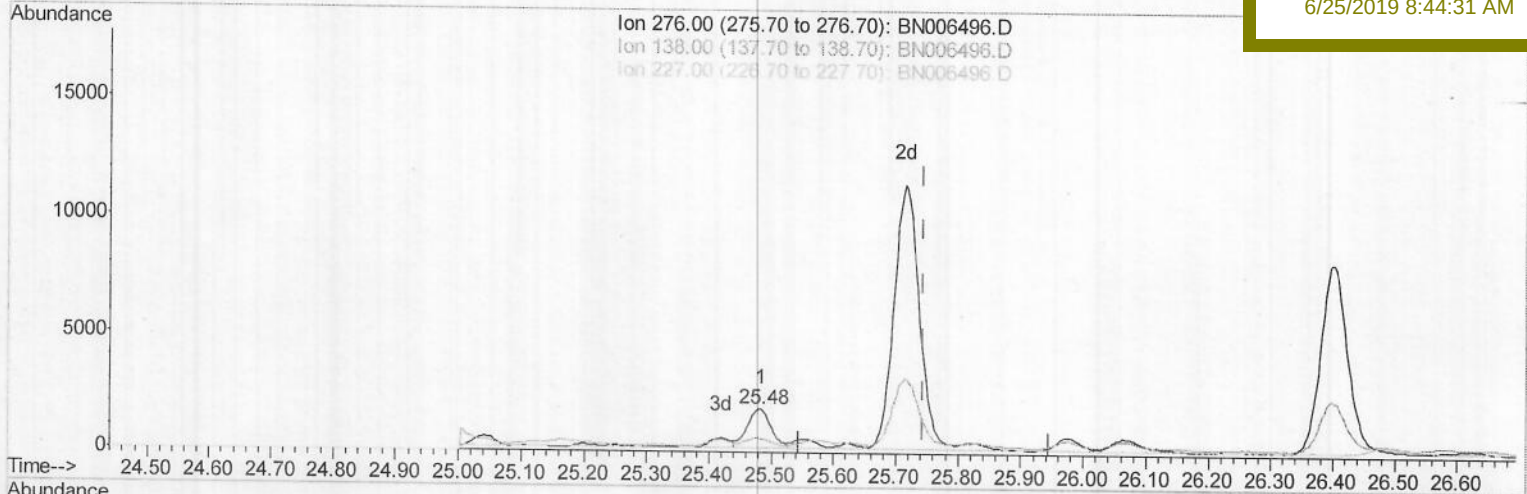
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062219\
 Data File : BN006496.D
 Acq On : 22 Jun 2019 19:15
 Operator : HP/JU
 Sample : K3335-07RE
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Quant Time: Jun 24 08:32:48 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN053019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Instrument :
 BNA_N
 ClientSampleId :
 A4234RE

Manual Integrations
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(24) Indeno(1,2,3-cd)pyrene

25.483min (-0.262) 0.09ng/ul

response 4262

Ion	Exp%	Act%
276.00	100	100
138.00	32.00	15.86#
227.00	0.40	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062219\

Data File : BN006496.D

Acq On : 22 Jun 2019 19:15

Operator : HP/JU

Sample : K3335-07RE

Misc :

ALS Vial : 13 Sample Multiplier: 1

Quant Time: Jun 24 08:32:48 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN053019.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Mon Jun 17 11:13:07 2019

Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

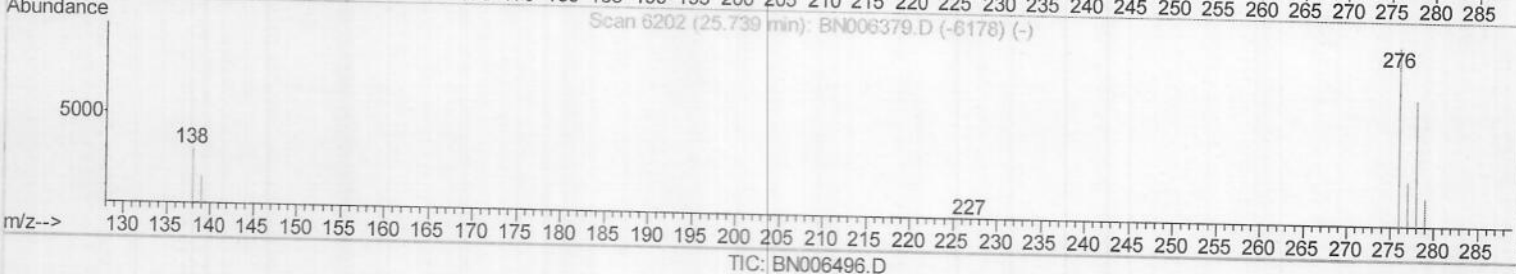
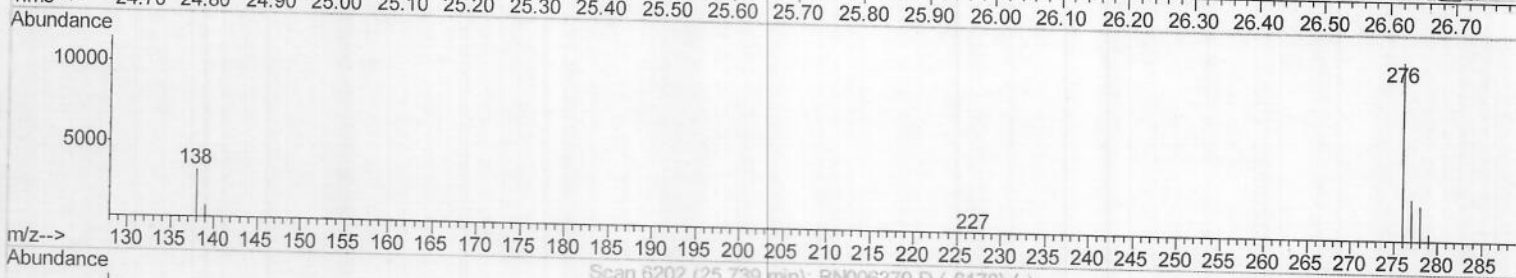
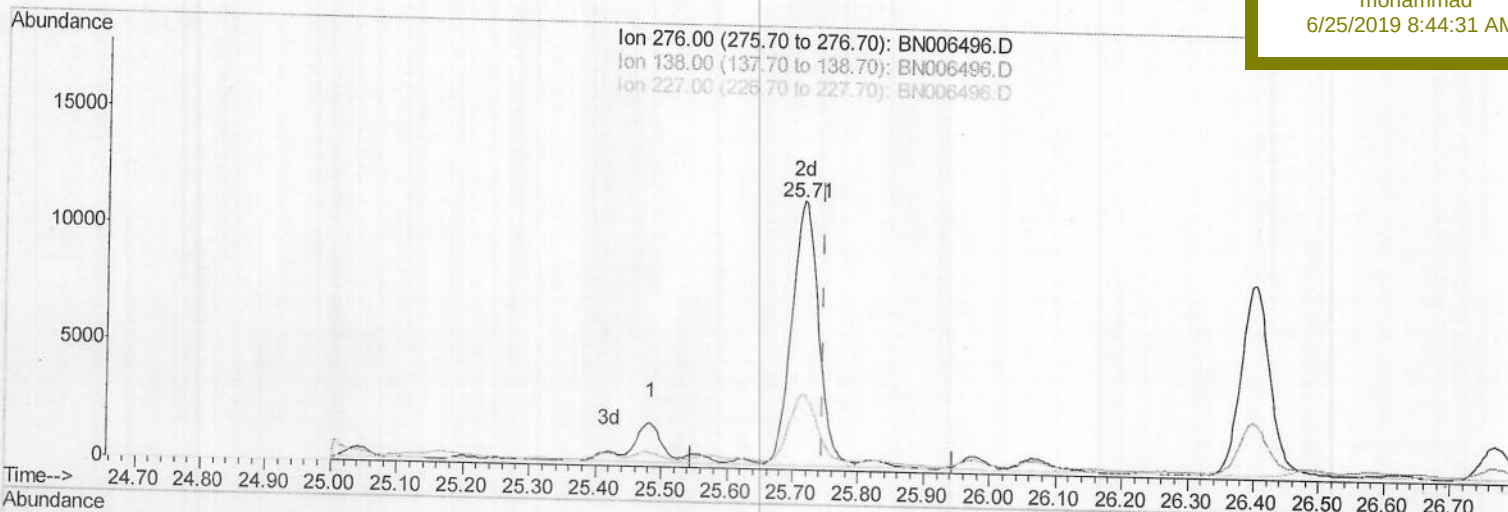
A4234RE

Manual Integrations

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(24) Indeno(1,2,3-cd)pyrene

25.715min (-0.030) 0.69ng/ul m

response 31864

Ion	Exp%	Act%
276.00	100	100
138.00	32.00	2.12#
227.00	0.40	0.00#
0.00	0.00	0.00

JU 06/25/19

Quantitation Report (Qedit)

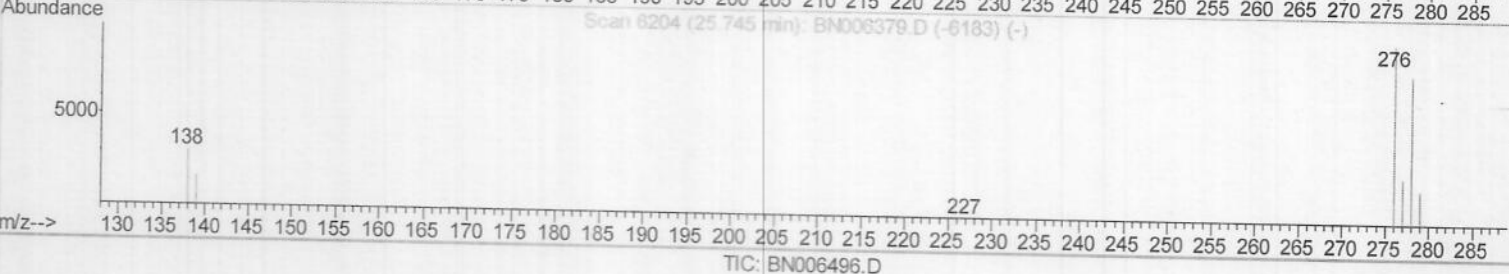
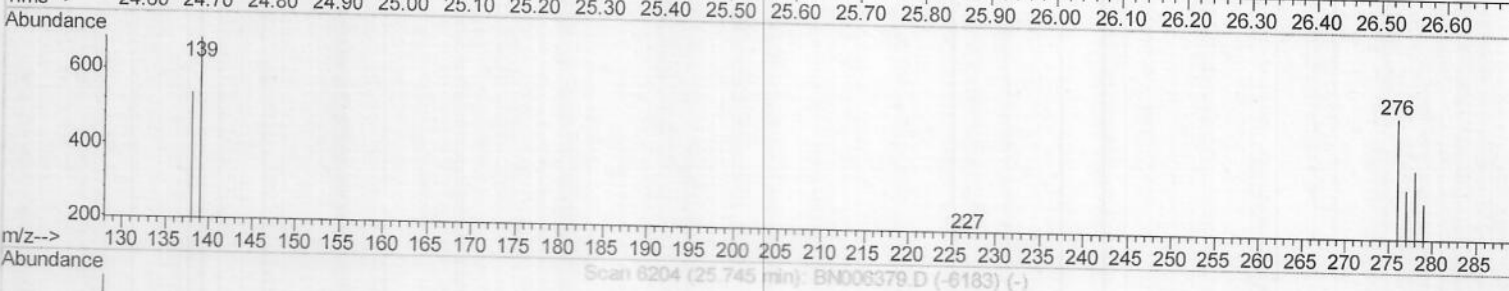
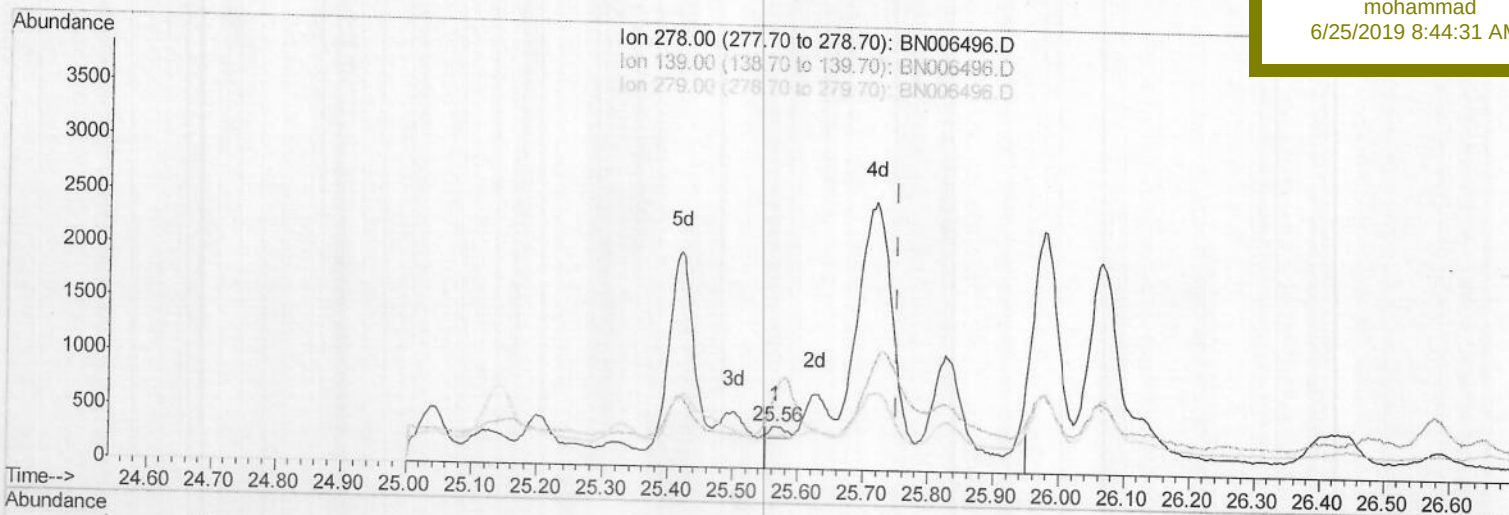
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062219\
 Data File : BN006496.D
 Acq On : 22 Jun 2019 19:15
 Operator : HP/JU
 Sample : K3335-07RE
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Quant Time: Jun 24 08:32:48 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN053019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 17 11:13:07 2019
 Response via : Initial Calibration

Instrument :
 BNA_N
 ClientSampleId :
 A4234RE

Manual Integrations
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 6/25/2019 8:44:31 AM



(25) Dibenzo(a,h)anthracene

25.564min (-0.188) 0.01ng/ul

response 193

Ion	Exp%	Act%
278.00	100	100
139.00	26.50	175.52#
279.00	28.20	76.29#
0.00	0.00	0.00

Quantitation Report (Qedit)

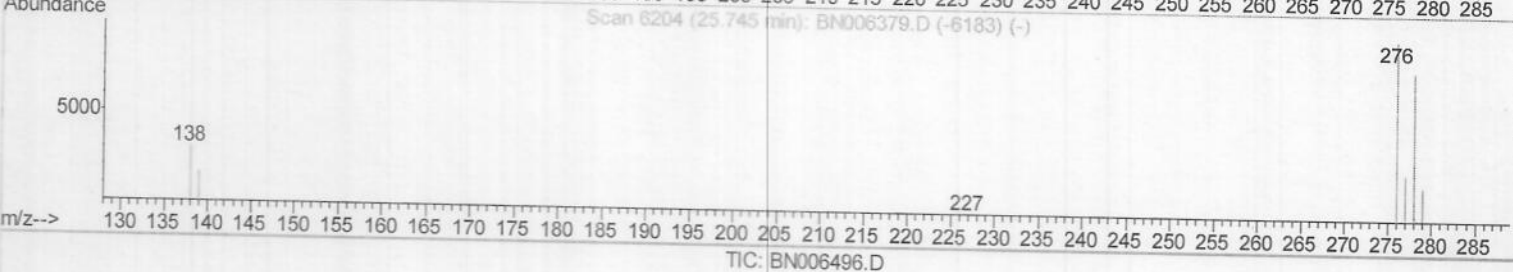
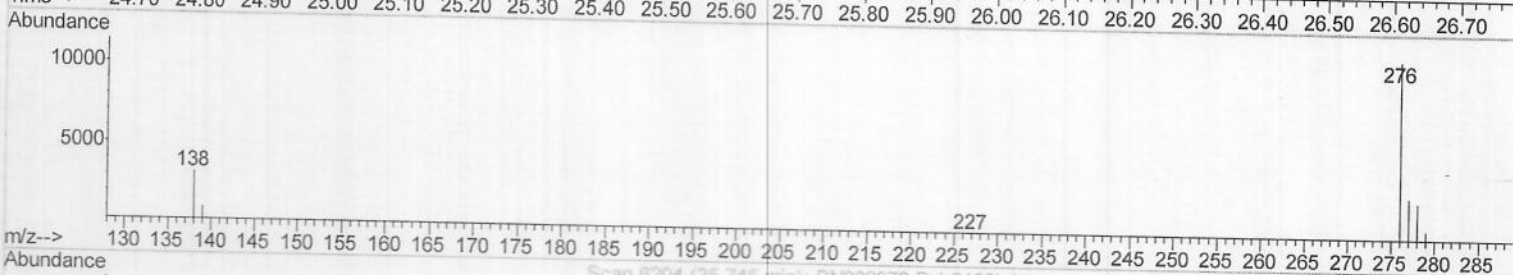
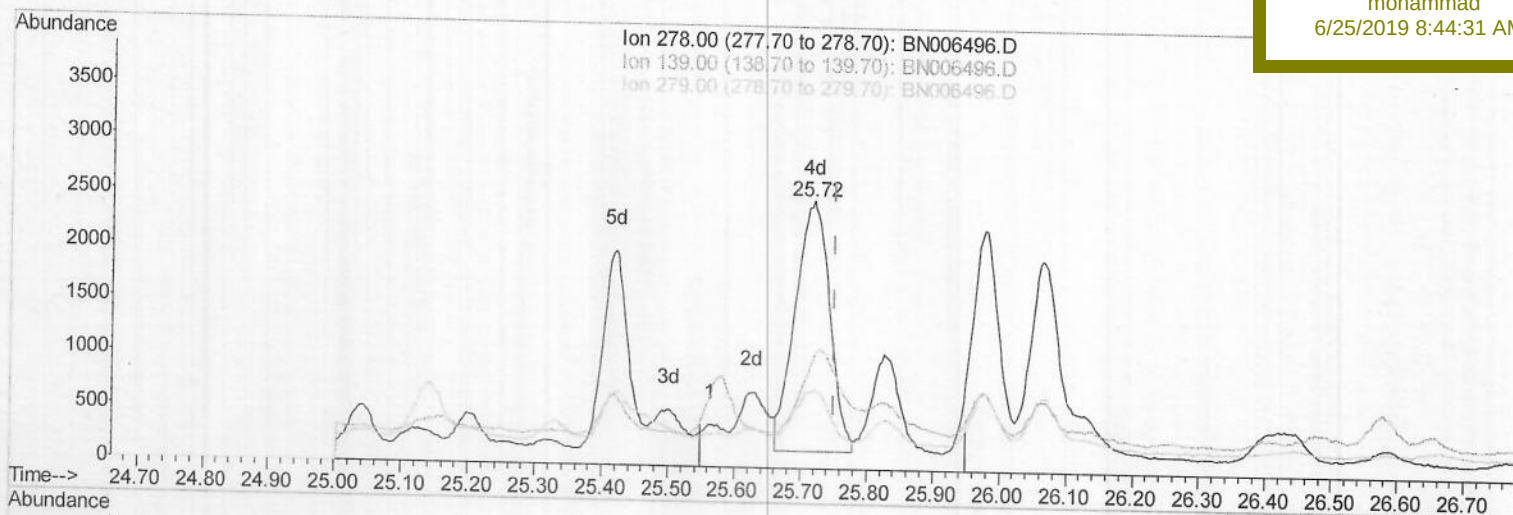
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062219\
 Data File : BN006496.D
 Acq On : 22 Jun 2019 19:15
 Operator : HP/JU
 Sample : K3335-07RE
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Quant Time: Jun 24 08:32:48 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN053019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 17 11:13:07 2019
 Response via : Initial Calibration

Instrument :
 BNA_N
 ClientSampleId :
 A4234RE

Manual Integrations
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 6/25/2019 8:44:31 AM



(25) Dibenzo(a,h)anthracene

25.718min (-0.034) 0.23ng/ul m

response 8393

Ion	Exp%	Act%
278.00	100	100
139.00	26.50	40.26#
279.00	28.20	28.77
0.00	0.00	0.00

> JU 06/25/19

Quantitation Report (Qedit)

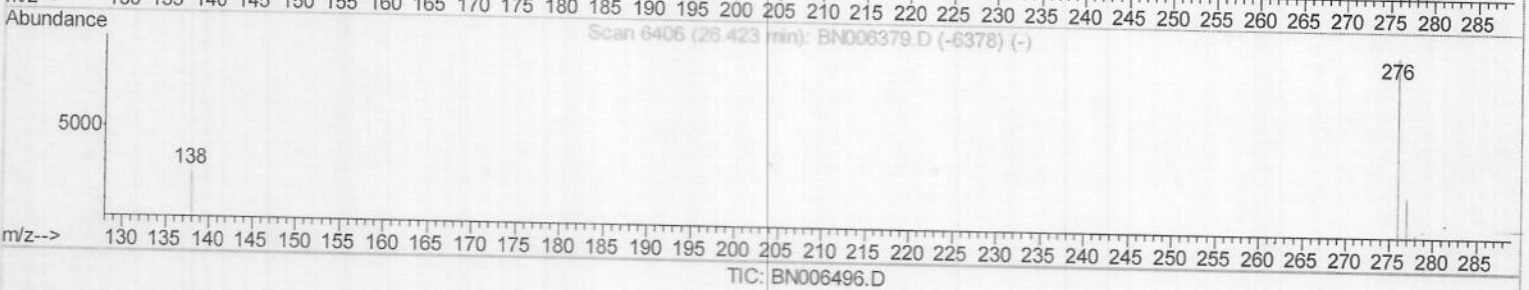
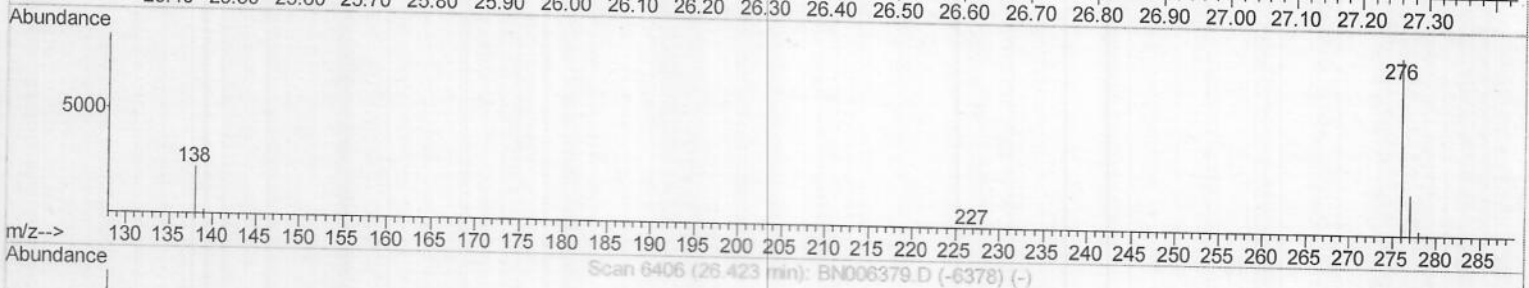
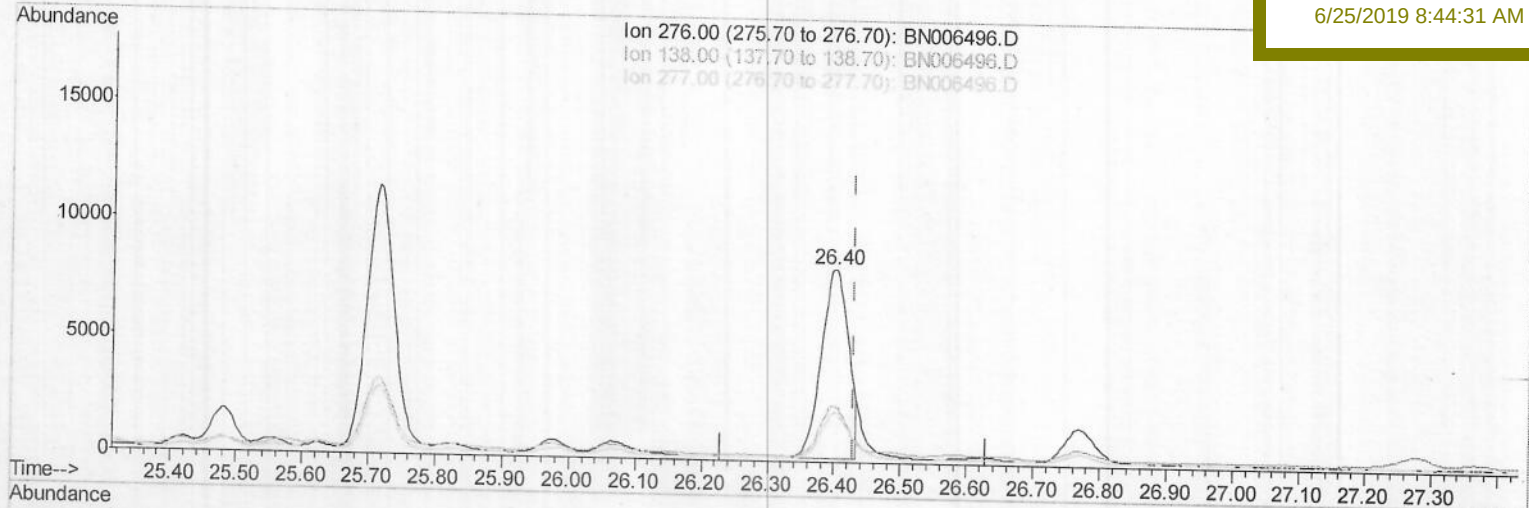
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062219\
 Data File : BN006496.D
 Acq On : 22 Jun 2019 19:15
 Operator : HP/JU
 Sample : K3335-07RE
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Quant Time: Jun 24 08:32:48 2019
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 BNA_N
 ClientSampleId :
 A4234RE

Manual Integrations
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mohammad
 6/25/2019 8:44:31 AM



(26) Benzo(g,h,i)perylene
 26.402min (-0.027) 0.59ng/ul
 response 22888

Ion	Exp%	Act%
276.00	100	100
138.00	30.30	28.02
277.00	26.90	25.07
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062219\

Data File : BN006496.D

Acq On : 22 Jun 2019 19:15

Operator : HP/JU

Sample : K3335-07RE

Misc :

ALS Vial : 13 Sample Multiplier: 1

Quant Time: Jun 24 08:32:48 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN053019.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Mon Jun 17 11:13:07 2019

Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

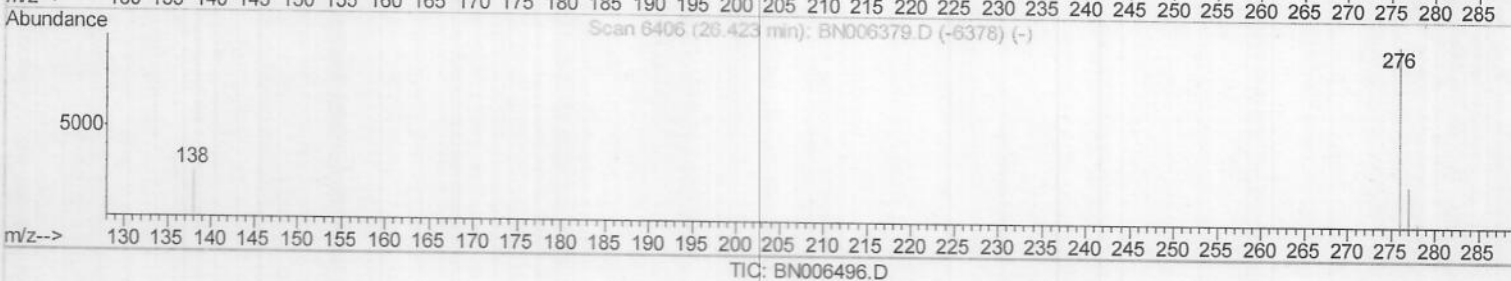
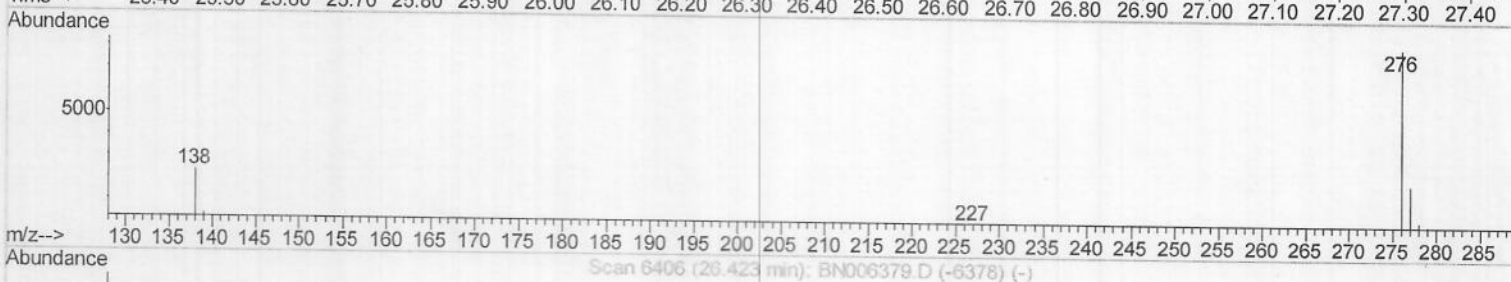
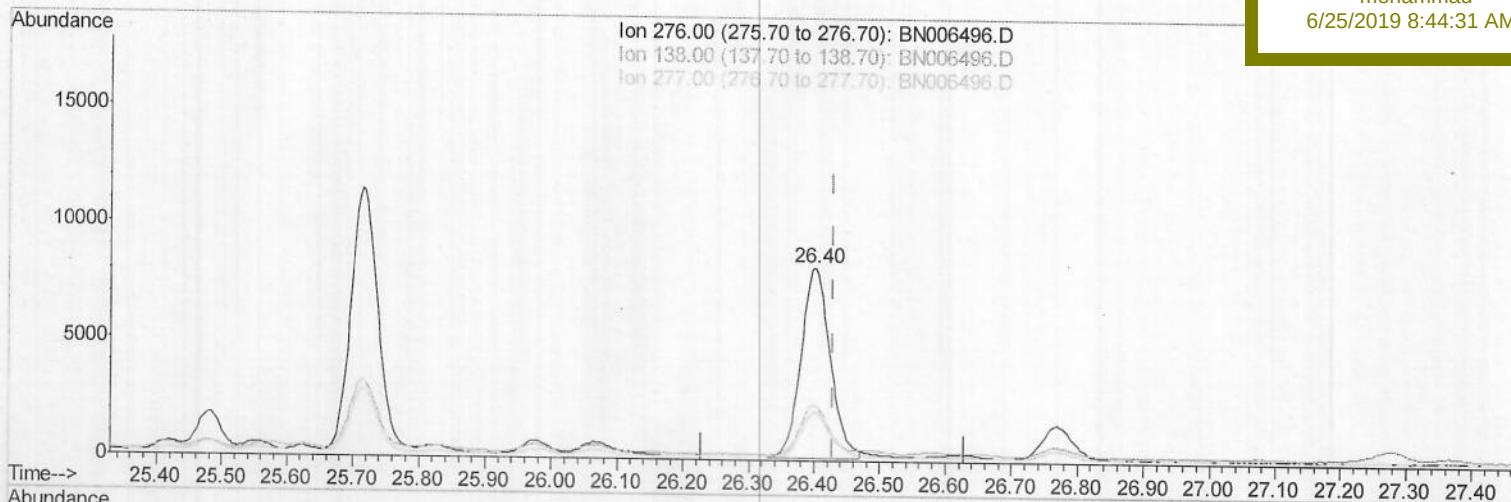
A4234RE

Manual Integrations

APPROVED

mohammad

6/25/2019 8:44:31 AM



(26) Benzo(g,h,i)perylene

26.402min (-0.027) 0.65ng/ul m

response 25036

Ion	Exp%	Act%
276.00	100	100
138.00	30.30	28.02
277.00	26.90	25.07
0.00	0.00	0.00

7 JU 06/25/19

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062219\
 Data File : BN006496.D
 Acq On : 22 Jun 2019 19:15
 Operator : HP/JU
 Sample : K3335-07RE
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4234RE

Quant Time: Jun 24 08:36:37 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN053019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 17 11:13:07 2019
 Response via : Initial Calibration

Manual Integrations
 APPROVED

mohammad
 6/25/2019 8:44:31 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	4533	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.41	136	18134	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.28	164	9956	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.06	188	294686	0.40	ng/ul	0.01
16) Chrysene-d12	21.26	240	14654	0.40	ng/ul	-0.01
20) Perylene-d12	23.48	264	11022m	0.40	ng/ul	-0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.01	152	7069	0.25	ng/ul	-0.02
14) Fluoranthene-d10	19.08	212	17413	0.02	ng/ul	0.00
Target Compounds						
3) Naphthalene	10.46	128	3629	0.073	ng/ul#	93
5) 2-Methylnaphthalene	12.08	142	1269	0.036	ng/ul	99
7) Acenaphthylene	14.00	152	7605	0.137	ng/ul	98
8) Acenaphthene	14.34	153	3132	0.082	ng/ul	98
9) Fluorene	15.34	166	4401	0.098	ng/ul#	97
12) Phenanthrene	17.08	178	84856	0.090	ng/ul	99
13) Anthracene	17.17	178	20426	0.023	ng/ul	99
15) Fluoranthene	19.11	202	178260	0.171	ng/ul	99
17) Pyrene	19.48	202	163858	2.123	ng/ul	99
18) Benzo(a)anthracene	21.24	228	70068	1.081	ng/ul	100
19) Chrysene	21.29	228	68019	1.118	ng/ul	99
21) Benzo(b)fluoranthene	22.82	252	77990m	1.697	ng/ul	
22) Benzo(k)fluoranthene	22.86	252	28265m	0.631	ng/ul	
23) Benzo(a)pyrene	23.39	252	51881m	1.212	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.71	276	31864m	0.688	ng/ul	
25) Dibenzo(a,h)anthracene	25.72	278	8393m	0.227	ng/ul	
26) Benzo(g,h,i)perylene	26.40	276	25036m	0.645	ng/ul	

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

JU
 06/25/19