

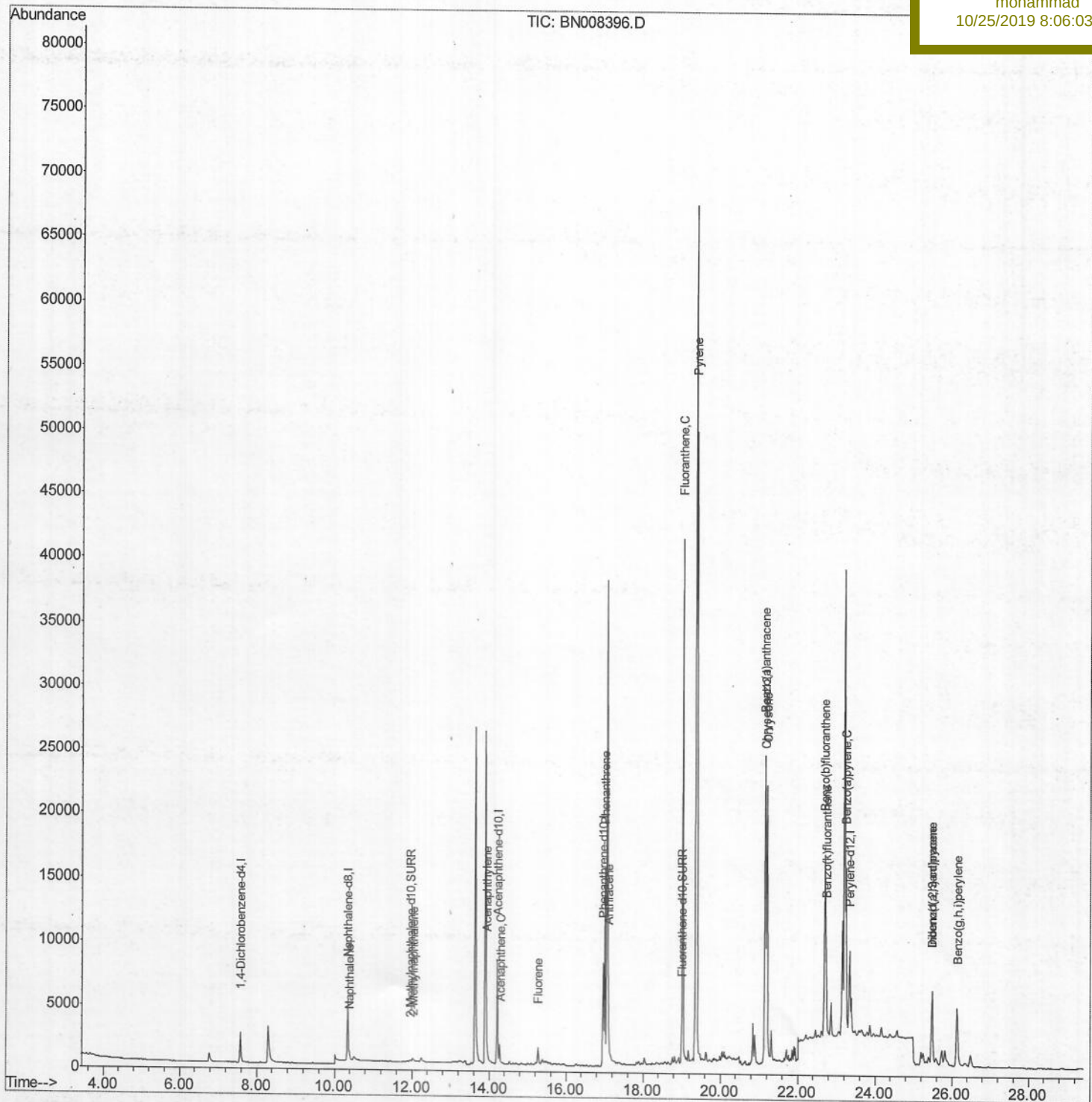
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN102419\
Data File : BN008396.D
Acq On : 24 Oct 2019 20:13
Operator : JU
Sample : K5235-18DL 10X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Oct 24 22:08:55 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 23 14:07:55 2019
Response via : Initial Calibration

Instrument :
BNA_N
Client Sample ID :
BEPB8DL

Manual Integrations
APPROVED

mohammad
10/25/2019 8:06:03 AM



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN102419\

Data File : BN008396.D

Acq On : 24 Oct 2019 20:13

Operator : JU

Sample : K5235-18DL 10X

Misc :

ALS Vial : 19 Sample Multiplier: 1

Quant Time: Oct 24 22:05:29 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Oct 23 14:07:55 2019

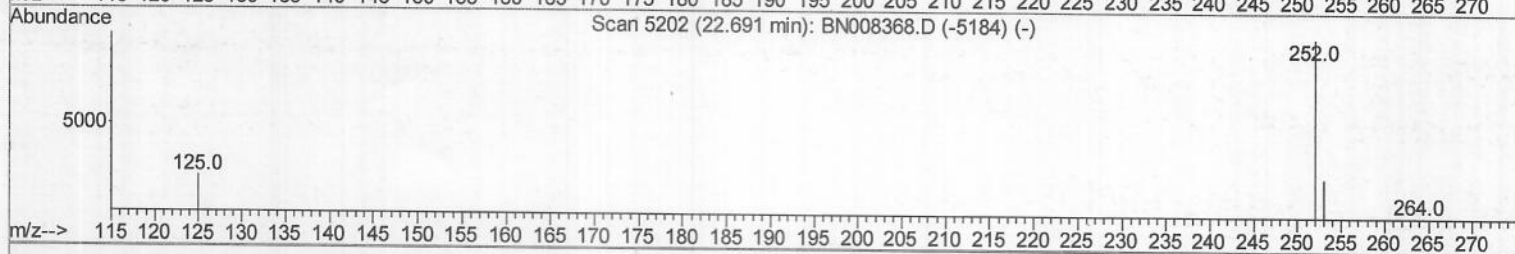
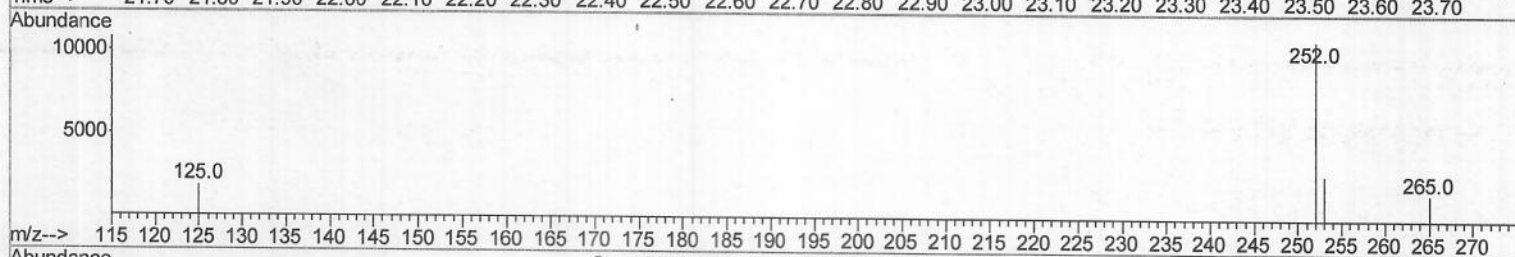
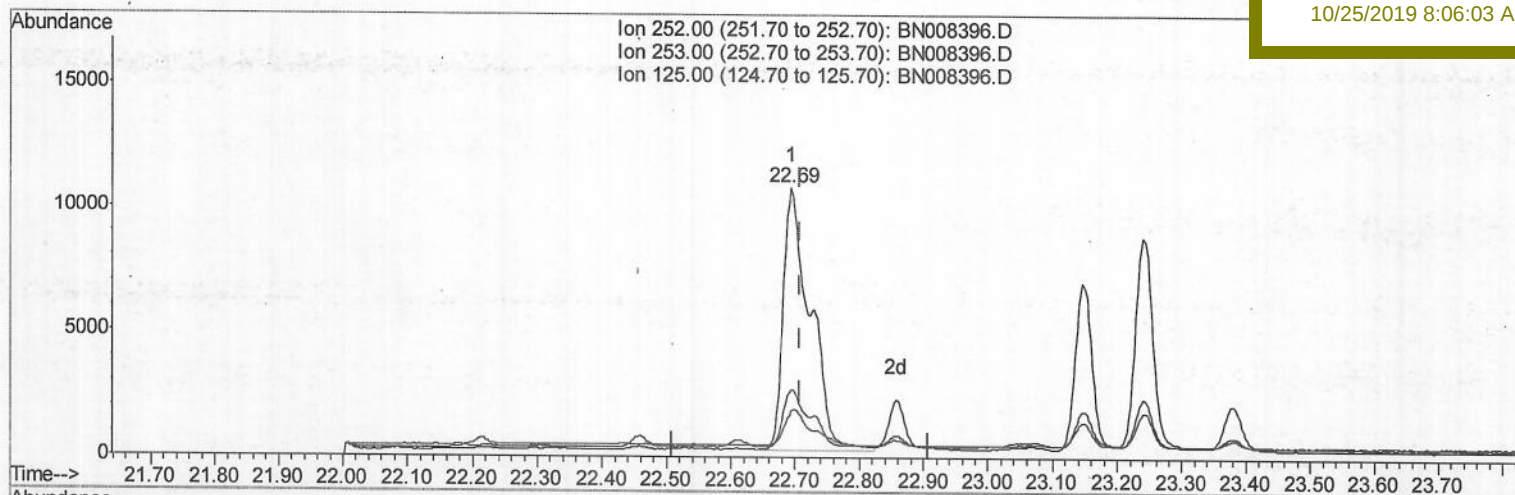
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BEPB8DL

Manual Integrations
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10/25/2019 8:06:03 AM

TIC: BN008396.D

(21) Benzo(b)fluoranthene

22.694min (-0.014) 1.21ng/ul

response 30650

Ion	Exp%	Act%
252.00	100	100
253.00	26.70	25.21
125.00	16.20	17.21
0.00	0.00	0.00

Quantitation Report (Qedit)

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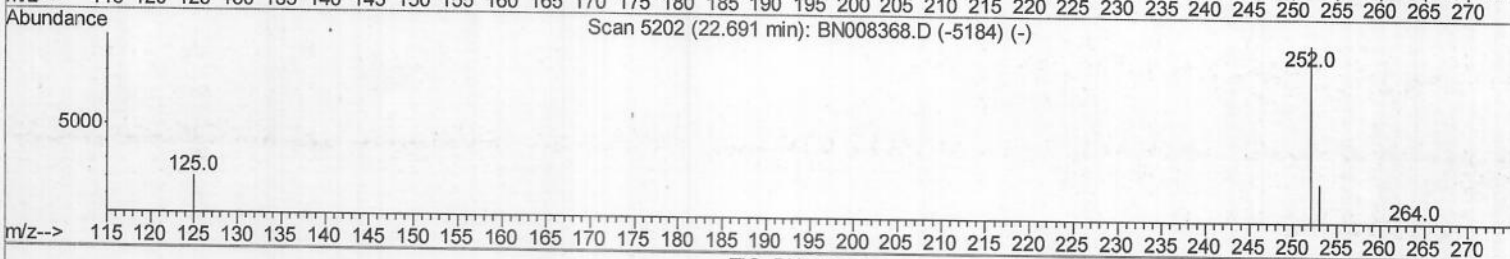
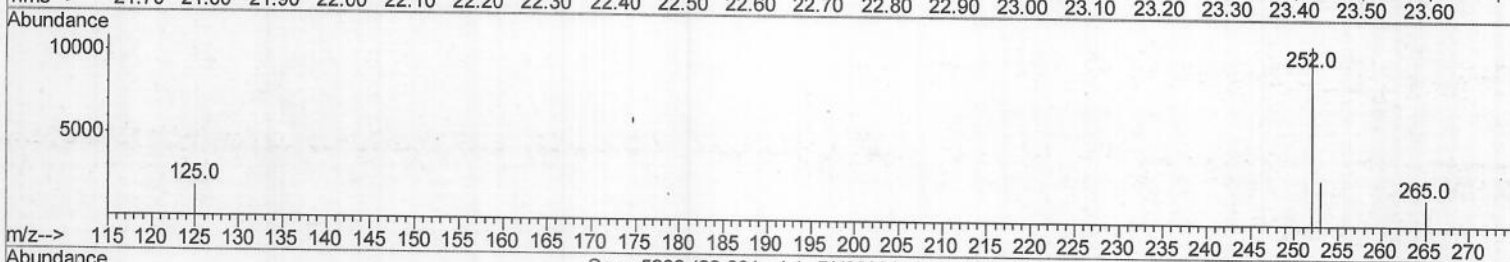
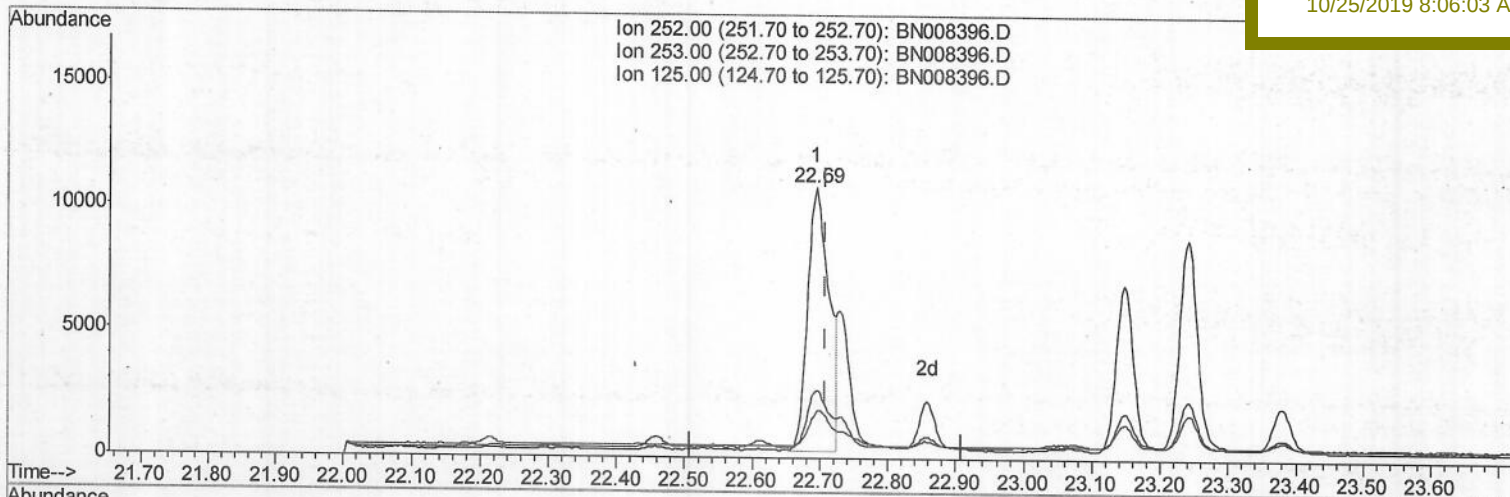
BEPB8DL

Manual Integrations

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mohammad

10/25/2019 8:06:03 AM



(21) Benzo(b)fluoranthene

22.694min (-0.014) 0.91ng/ul m

JU 10/25/19

response 23006

Ion	Exp%	Act%
252.00	100	100
253.00	26.70	25.21
125.00	16.20	17.21
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN102419\

Data File : BN008396.D

Acq On : 24 Oct 2019 20:13

Operator : JU

Sample : K5235-18DL 10X

Misc :

ALS Vial : 19 Sample Multiplier: 1

Quant Time: Oct 24 22:05:29 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Oct 23 14:07:55 2019

Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

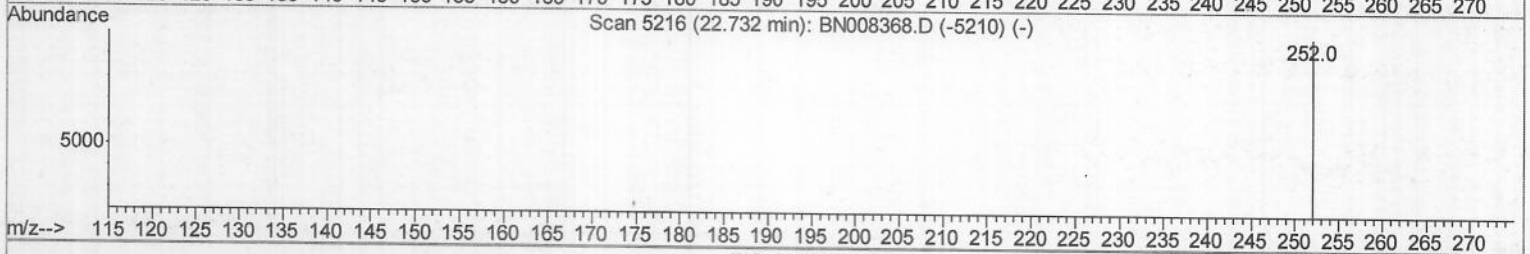
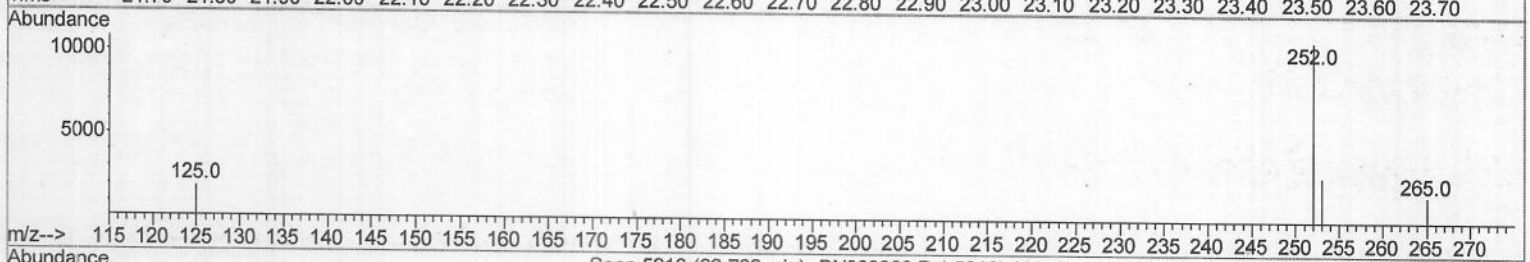
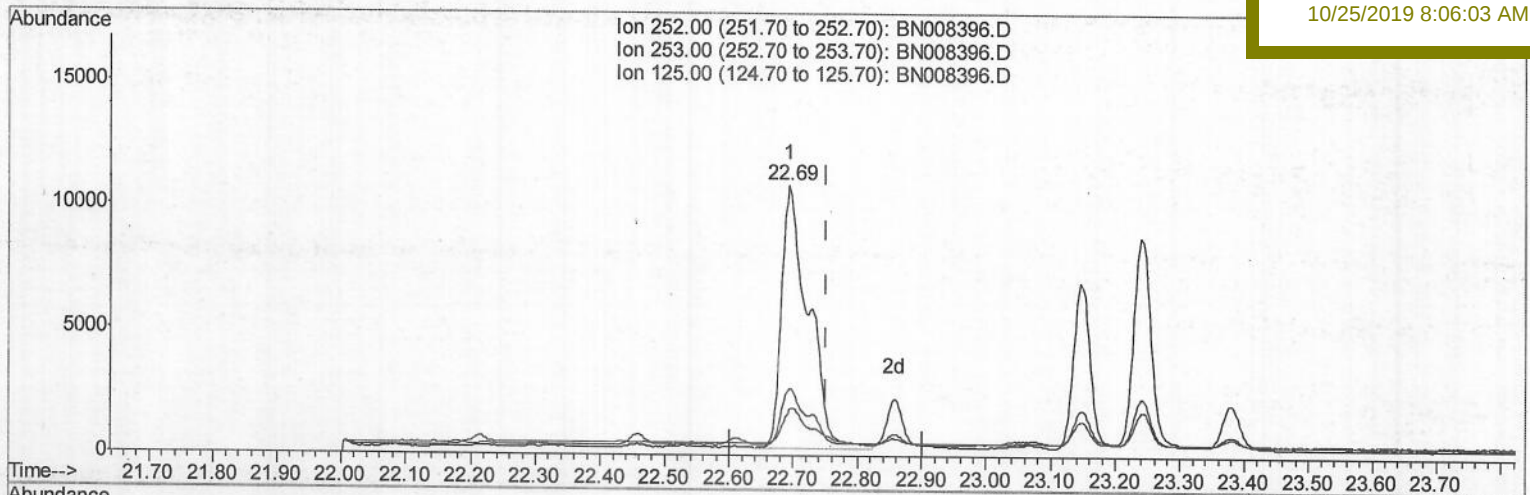
BEPB8DL

Manual Integrations

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10/25/2019 8:06:03 AM



TIC: BN008396.D

(22) Benzo(k)fluoranthene

22.694min (-0.058) 1.07ng/ul

response 30650

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	25.21
125.00	15.40	17.21
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN102419\

Data File : BN008396.D

Acq On : 24 Oct 2019 20:13

Operator : JU

Sample : K5235-18DL 10X

Misc :

ALS Vial : 19 Sample Multiplier: 1

Quant Time: Oct 24 22:05:29 2019

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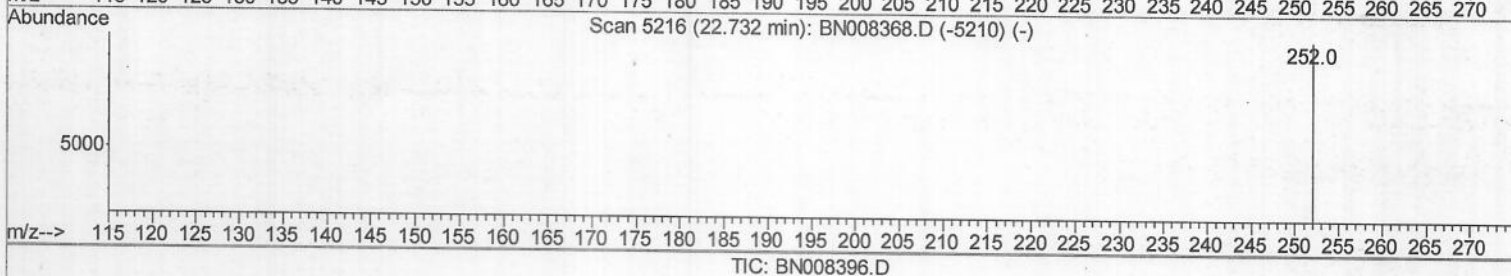
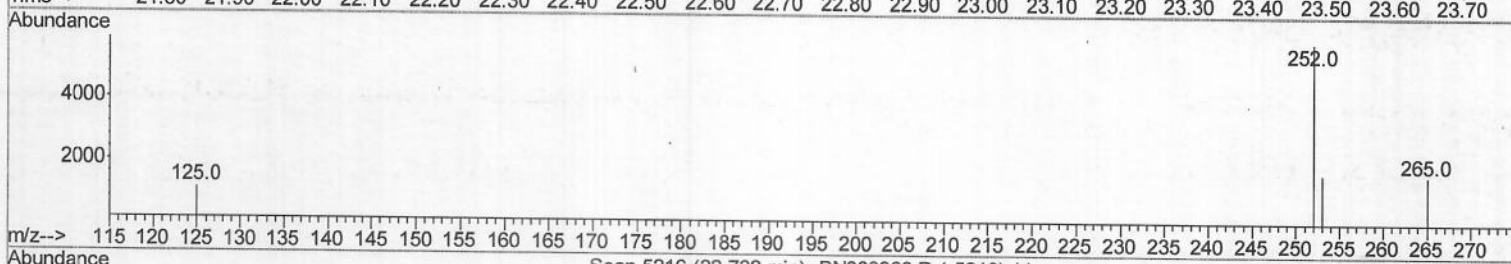
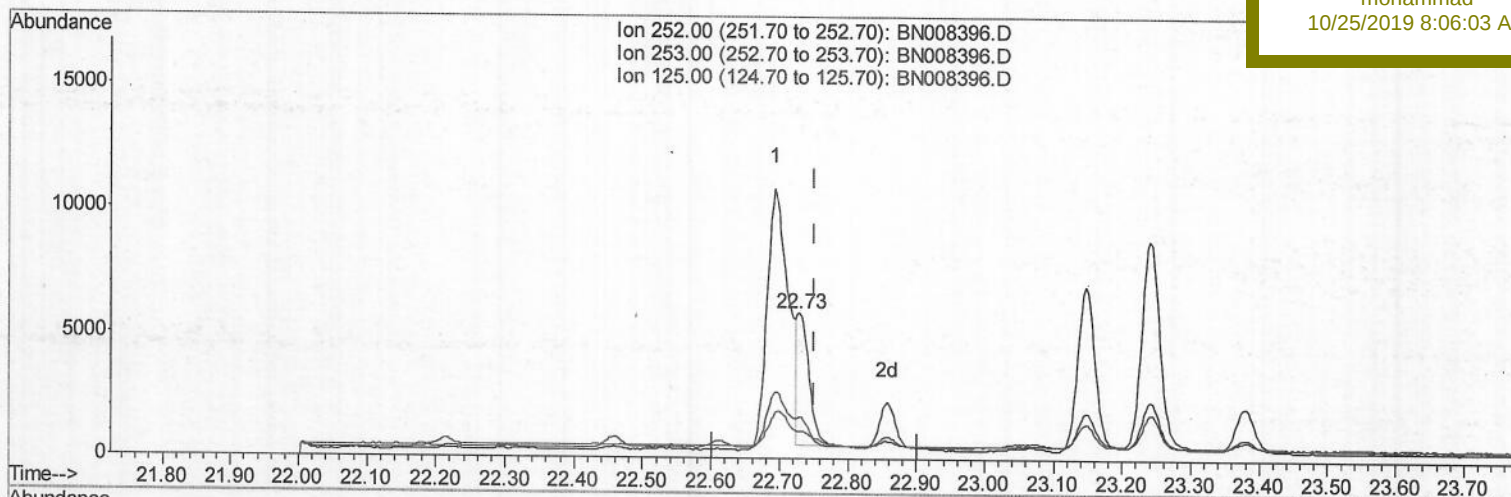
Response via : Initial Calibration

Instrument :

BNA_N

Client Sampled :

BEPB8DL

Manual Integrations
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10/25/2019 8:06:03 AM

(22) Benzo(k)fluoranthene

22.729min (-0.023) 0.23ng/ul m > JU 10/25/19

response 6625

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	28.27
125.00	15.40	18.57#
0.00	0.00	0.00

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 Operator : JU
 Sample : K5235-18DL 10X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_N
 Client Sampled :
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Manual Integrations
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 10/25/2019 8:06:03 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	1583	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.34	136	7721	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.21	164	5010	0.40	ng/ul	-0.01
10) Phenanthrene-d10	16.96	188	10478	0.40	ng/ul	-0.02
16) Chrysene-d12	21.17	240	9523	0.40	ng/ul	-0.01
20) Perylene-d12	23.33	264	7801	0.40	ng/ul	-0.02

System Monitoring Compounds

4) 2-Methylnaphthalene-d10	11.95	152	280	0.02	ng/ul	0.00
14) Fluoranthene-d10	19.00	212	935	0.03	ng/ul	-0.02

Target Compounds

	R.T.	QIon	Response	Conc	Units	Ovalue
3) Naphthalene	10.39	128	608	0.028	ng/ul#	67
5) 2-Methylnaphthalene	12.03	142	372	0.025	ng/ul	96
7) Acenaphthylene	13.93	152	1581	0.066	ng/ul#	89
8) Acenaphthene	14.27	153	895	0.048	ng/ul	96
9) Fluorene	15.27	166	1039	0.049	ng/ul#	94
12) Phenanthrene	17.00	178	17808	0.580	ng/ul	99
13) Anthracene	17.09	178	4500	0.167	ng/ul	96
15) Fluoranthene	19.02	202	37953	0.937	ng/ul	96
17) Pyrene	19.39	202	42214	1.113	ng/ul	100
18) Benzo(a)anthracene	21.15	228	20723	0.599	ng/ul	97
19) Chrysene	21.20	228	23278	0.548	ng/ul	98
21) Benzo(b)fluoranthene	22.69	252	23006m	0.906	ng/ul	JU 10/25/19
22) Benzo(k)fluoranthene	22.73	252	6625m	0.230	ng/ul	
23) Benzo(a)pyrene	23.24	252	15799	0.591	ng/ul	96
24) Indeno(1,2,3-cd)pyrene	25.48	276	9435	0.300	ng/ul#	99
25) Dibenzo(a,h)anthracene	25.49	278	2282	0.092	ng/ul#	75
26) Benzo(a,h,i)perylene	26.14	276	9558	0.331	ng/ul	96

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