

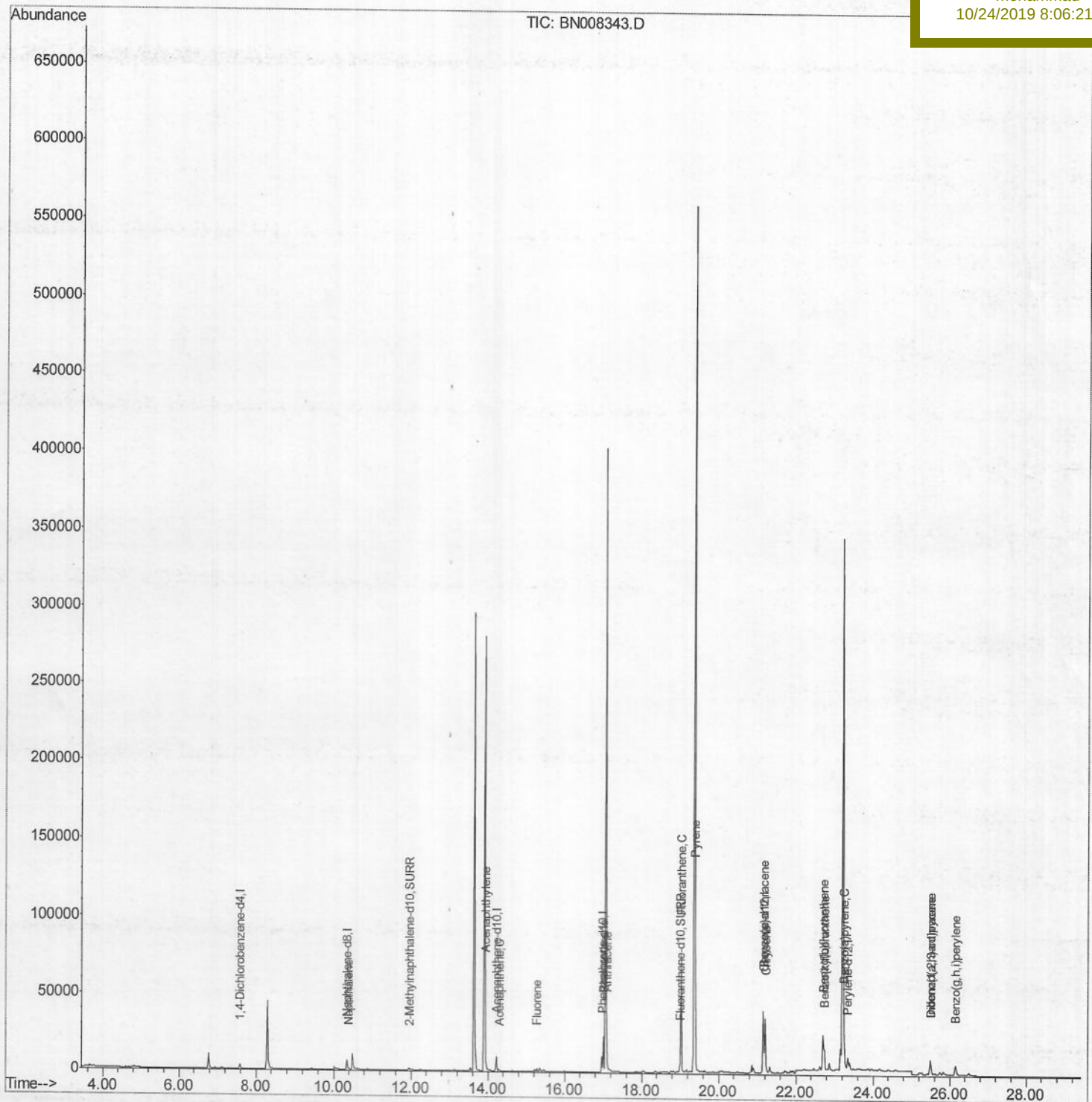
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN102219\
Data File : BN008343.D
Acq On : 23 Oct 2019 08:42
Operator : JU
Sample : K5223-20
Misc :
ALS Vial : 37 Sample Multiplier: 1

Quant Time: Oct 23 09:38:25 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 : Mon Oct 21 23:58:15 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BEPAS

Manual Integrations
APPROVED

mohammad
10/24/2019 8:06:21 AM



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Quant Time: Oct 23 09:32:51 2019

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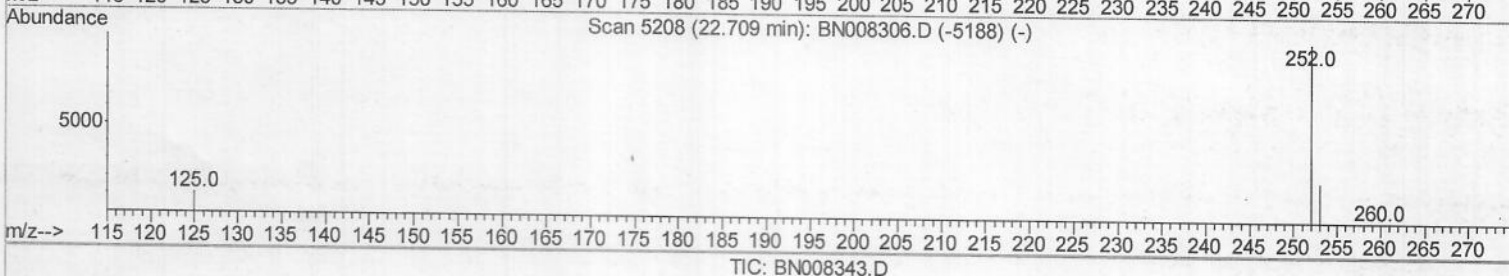
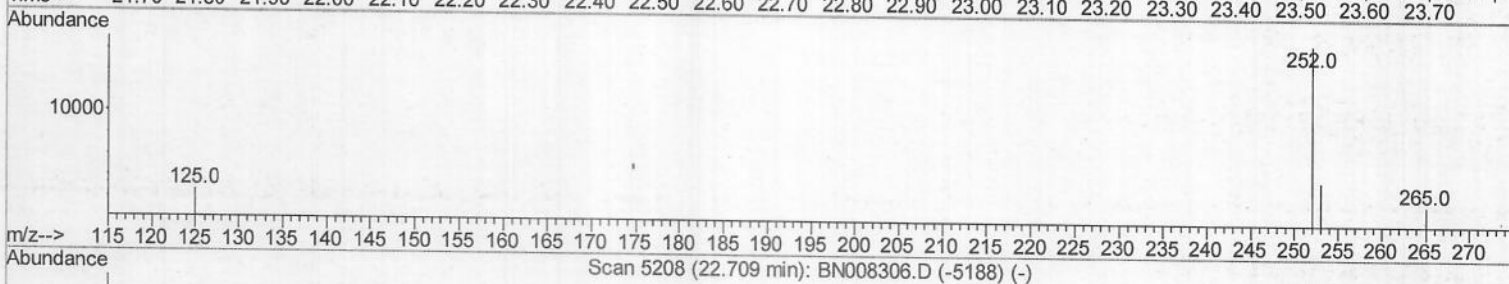
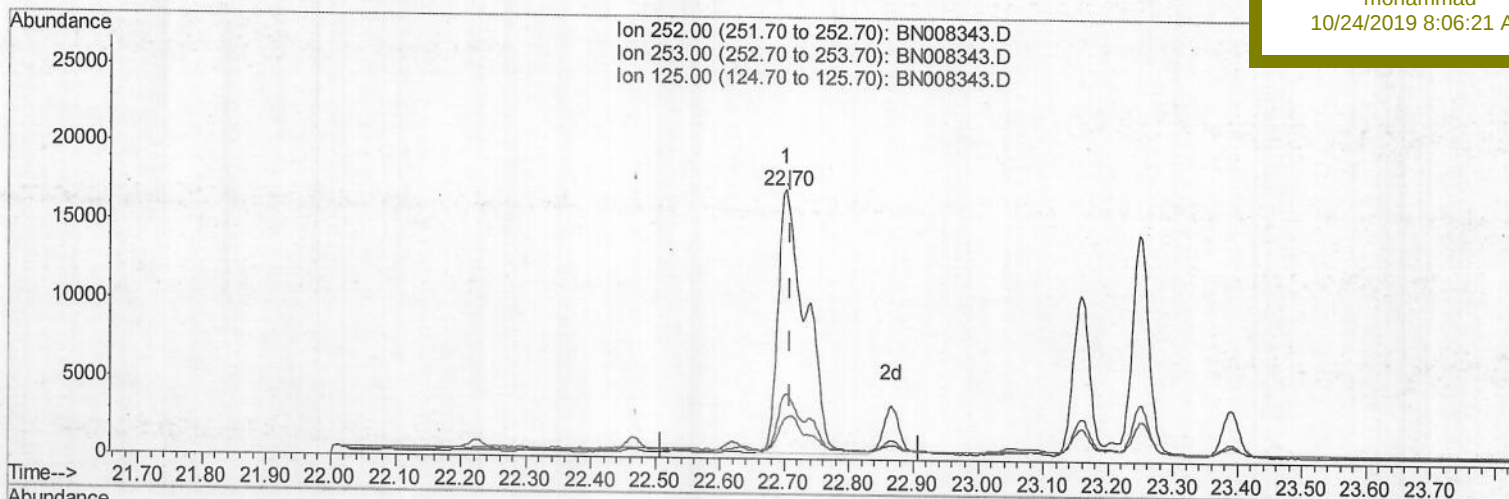
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(21) Benzo(b)fluoranthene

22.702min (-0.006) 1.70ng/ul

response 50657

Ion	Exp%	Act%
252.00	100	100
253.00	26.70	24.67
125.00	16.20	15.32
0.00	0.00	0.00

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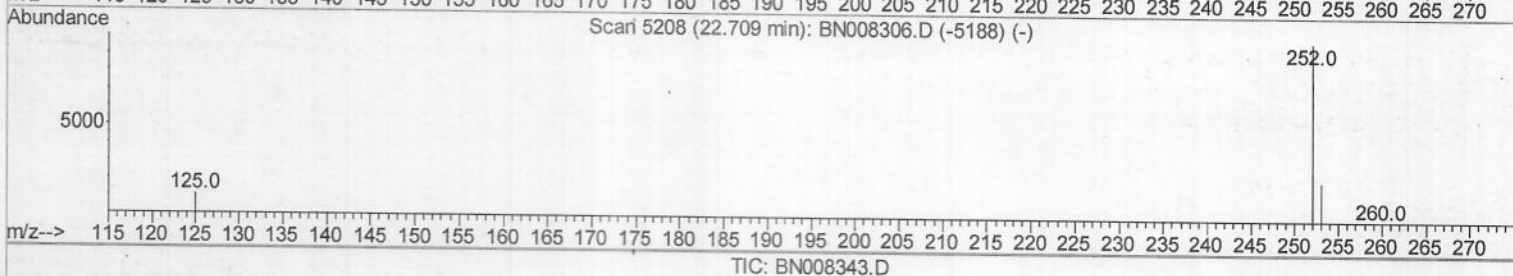
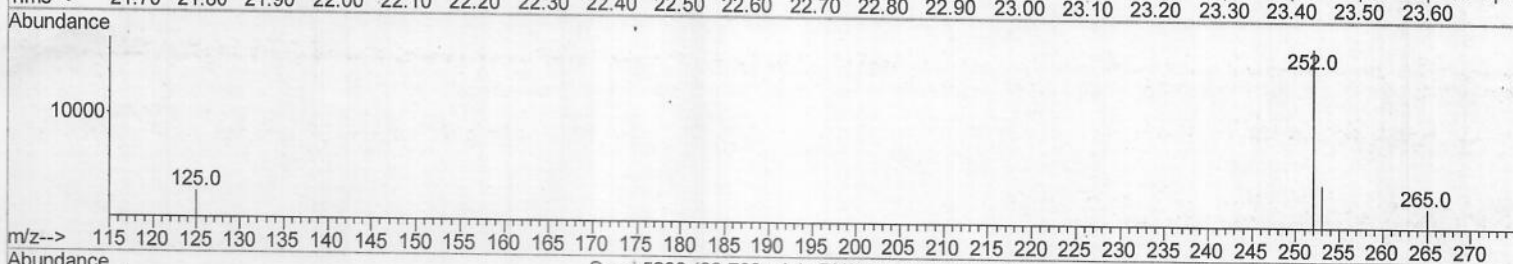
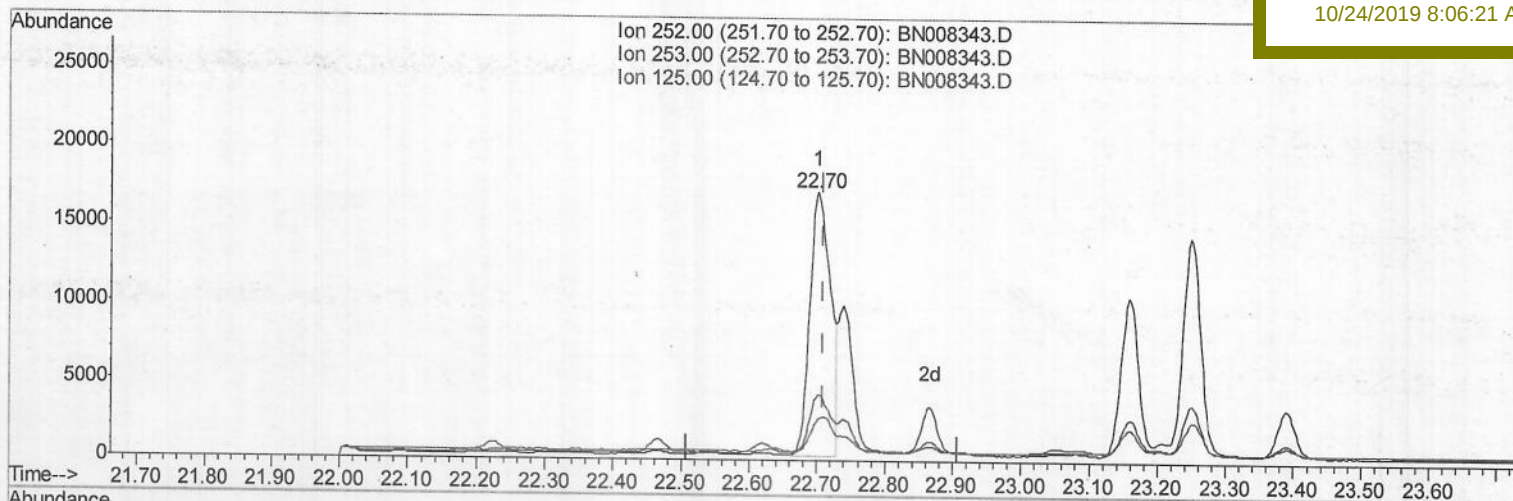
Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

BEPAS

Manual Integrations
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(21) Benzo(b)fluoranthene

22.702min (-0.006) 1.20ng/ul m) JU

response 35726

10/24/19

Ion	Exp%	Act%
252.00	100	100
253.00	26.70	24.67
125.00	16.20	15.32
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN102219\

Data File : BN008343.D

Acq On : 23 Oct 2019 08:42

Operator : JU

Sample : K5223-20

Misc :

ALS Vial : 37 Sample Multiplier: 1

Quant Time: Oct 23 09:32:51 2019

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

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ClientSampleId :

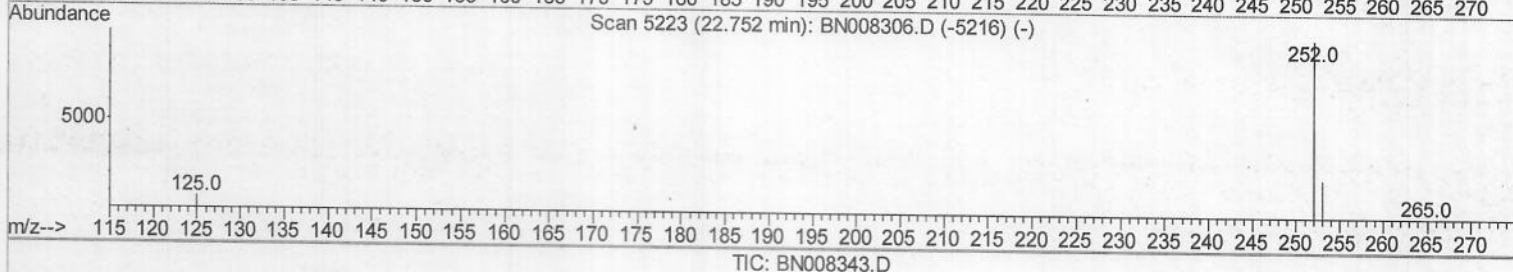
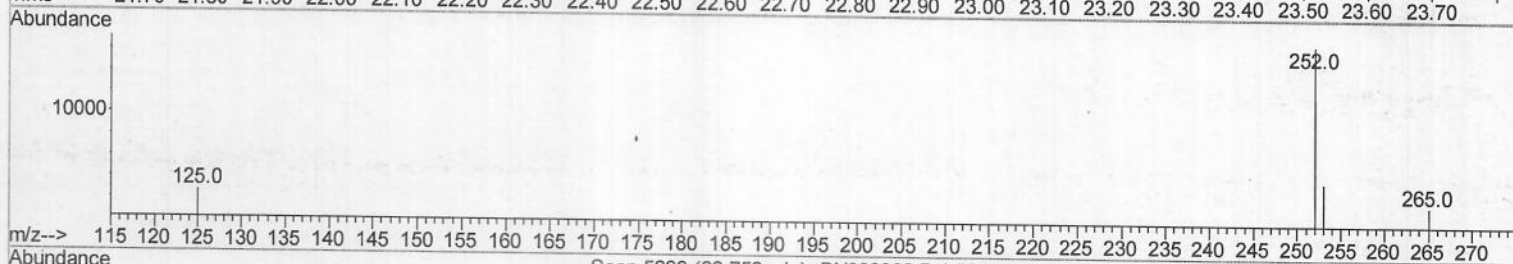
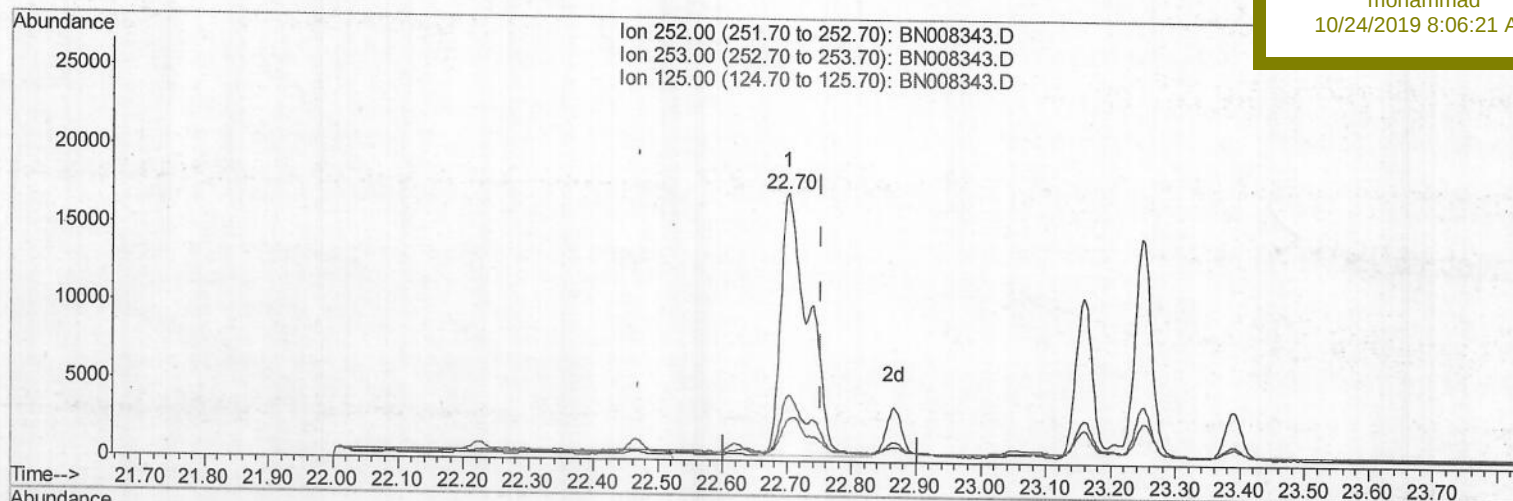
BEPAS8

Manual Integrations

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(22) Benzo(k)fluoranthene

22.702min (-0.050) 1.50ng/ul

response 50657

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	24.67
125.00	15.40	15.32
0.00	0.00	0.00

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Data File : BN008343.D

Acq On : 23 Oct 2019 08:42

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Sample : K5223-20

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ALS Vial : 37 Sample Multiplier: 1

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QLast Update : Mon Oct 21 23:58:15 2019

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Instrument :

BNA_N

ClientSampled :

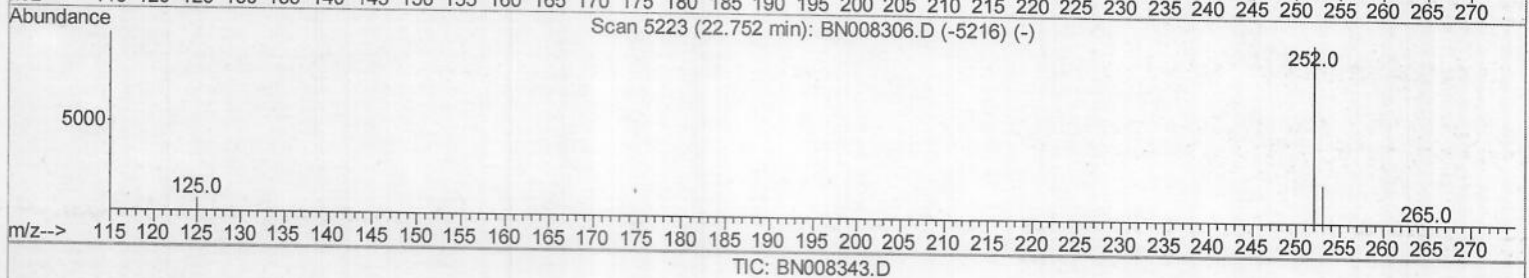
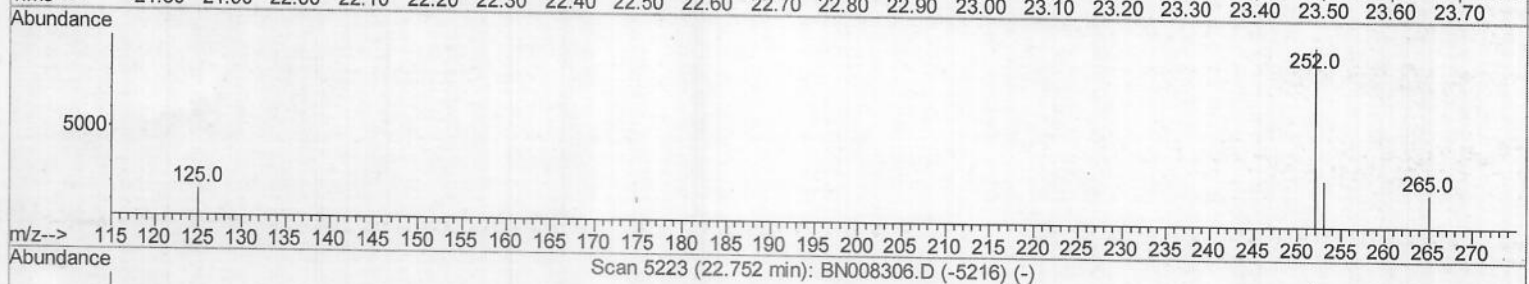
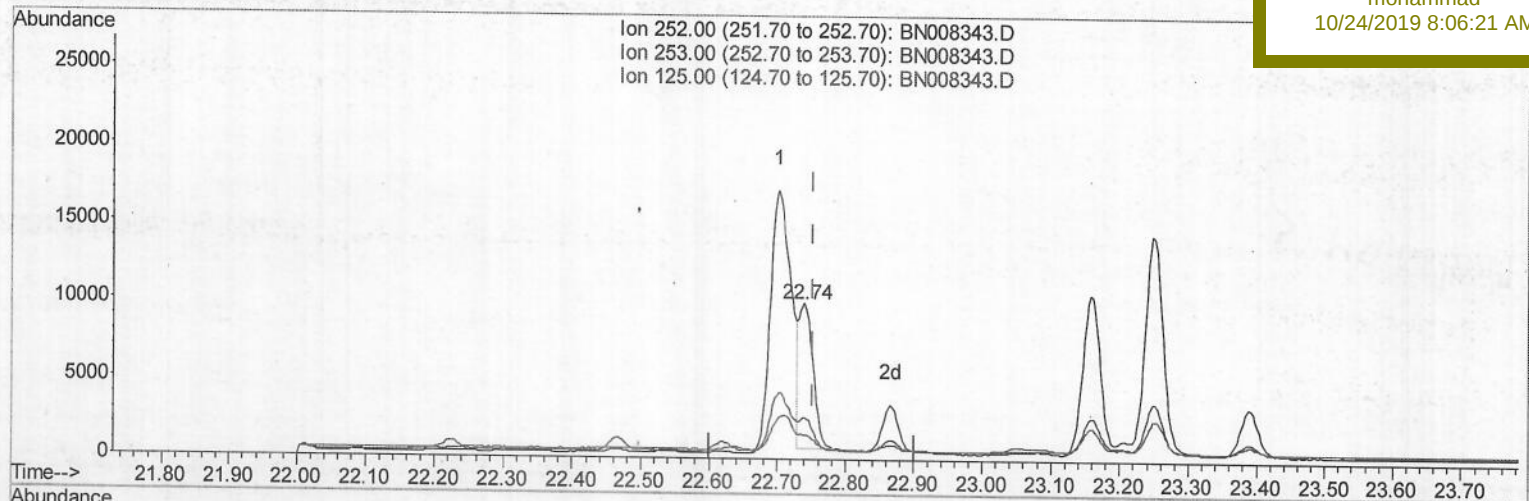
BEPAS

Manual Integrations

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(22) Benzo(k)fluoranthene

22.740min (-0.012) 0.40ng/ul m) JU

response 13508

10/24/19

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	26.78
125.00	15.40	16.08
0.00	0.00	0.00

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Instrument :
 BNA_N
 ClientSampleId :
 BEPA8

Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	1781	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.34	136	8751	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.22	164	5501	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.97	188	11992	0.40	ng/ul	0.00
16) Chrysene-d12	21.17	240	11033	0.40	ng/ul	0.00
20) Perylene-d12	23.34	264	9172	0.40	ng/ul	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	11.95	152	2125	0.14	ng/ul	-0.01
14) Fluoranthene-d10	19.00	212	6359	0.15	ng/ul	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Naphthalene	10.39	128	698	0.028	ng/ul#	75
7) Acenaphthylene	13.93	152	2346	0.090	ng/ul#	93
8) Acenaphthene	14.28	153	786	0.039	ng/ul	96
9) Fluorene	15.27	166	1301	0.056	ng/ul#	96
12) Phenanthrene	17.01	178	26054	0.742	ng/ul	99
13) Anthracene	17.10	178	5248	0.170	ng/ul	97
15) Fluoranthene	19.03	202	62298	1.343	ng/ul	98
17) Pyrene	19.39	202	63478	1.445	ng/ul	96
18) Benzo(a)anthracene	21.16	228	33948	0.846	ng/ul	97
19) Chrysene	21.21	228	36931	0.750	ng/ul	99
21) Benzo(b)fluoranthene	22.70	252	35726m	1.197	ng/ul	JU 10/24/19
22) Benzo(k)fluoranthene	22.74	252	13508m	0.399	ng/ul	
23) Benzo(a)pyrene	23.25	252	25670	0.817	ng/ul#	
24) Indeno(1,2,3-cd)pyrene	25.50	276	14878	0.402	ng/ul#	
25) Dibenzo(a,h)anthracene	25.50	278	3694	0.126	ng/ul#	
26) Benzo(g,h,i)perylene	26.15	276	12572	0.370	ng/ul	98

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