

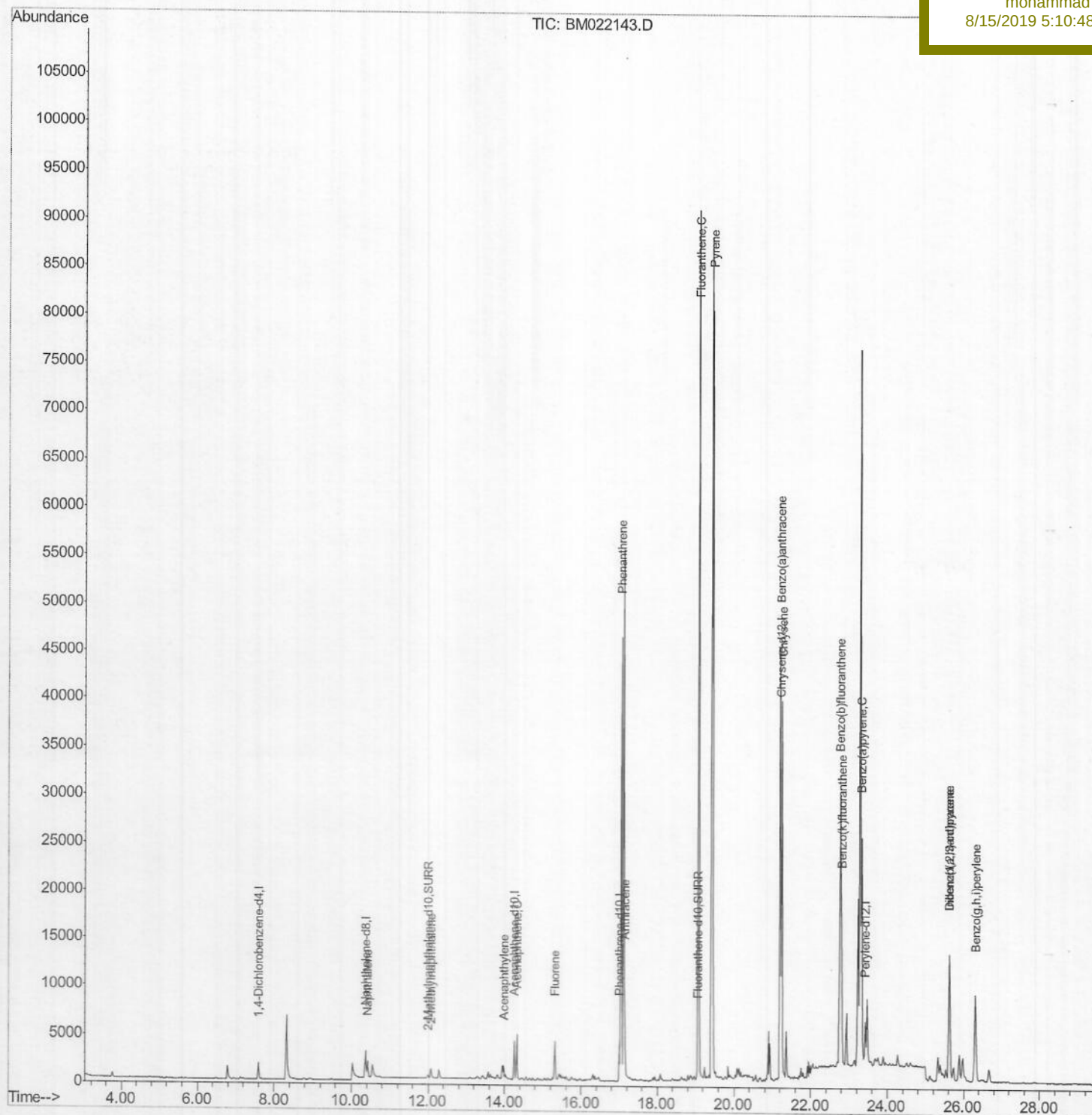
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081219\
Data File : BM022143.D
Acq On : 15 Aug 2019 13:44
Operator : HP/JU
Sample : K4304-16DL 5X
Misc :
ALS Vial : 46 Sample Multiplier: 1

Quant Time: Aug 15 15:28:07 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 14 13:53:23 2019
Response via : Initial Calibration

Instrument :
BNA_M
Client Sample Id :
CB5P7DL

Manual Integrations
APPROVED

mohammad
8/15/2019 5:10:48 PM



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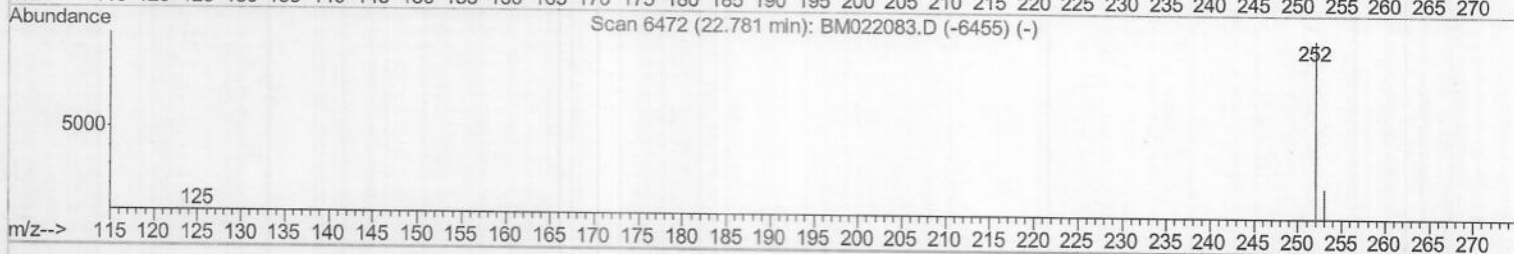
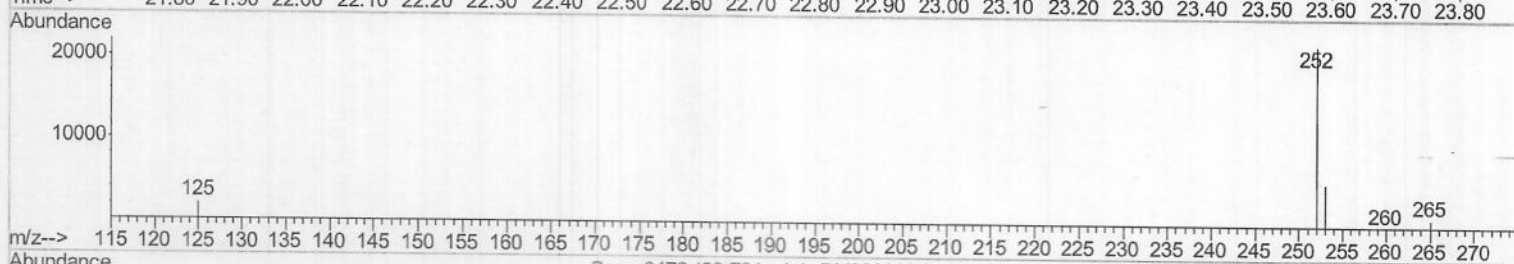
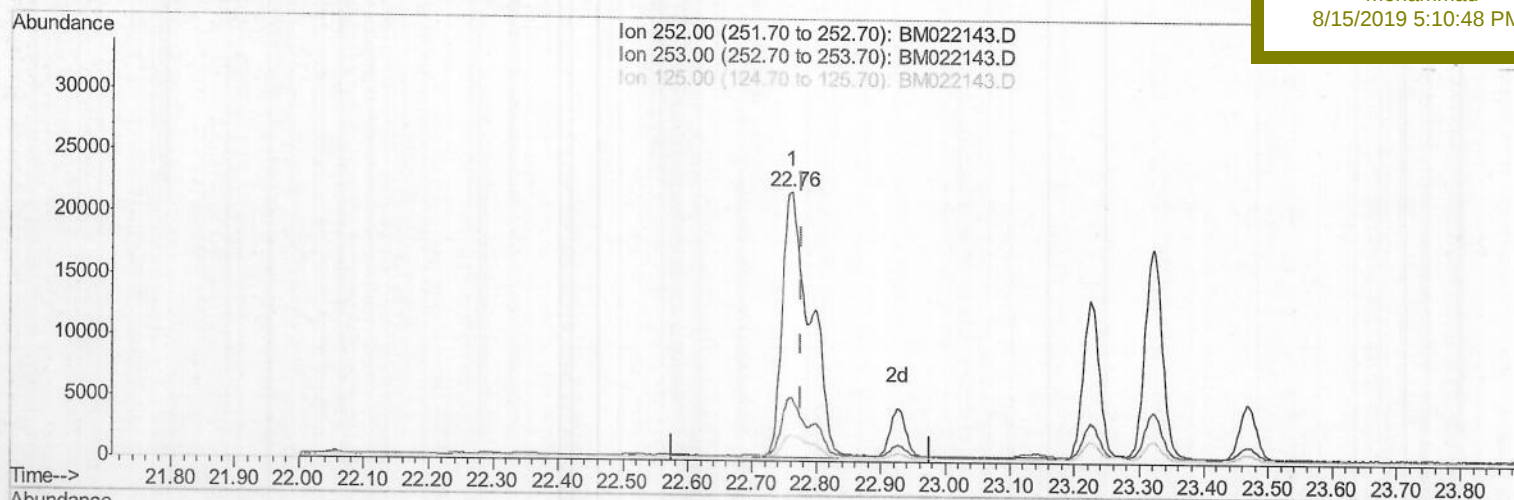
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TIC: BM022143.D

(21) Benzo(b)fluoranthene

22.762min (-0.014) 3.86ng/ul

response 66137

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	23.45
125.00	15.50	9.66
0.00	0.00	0.00

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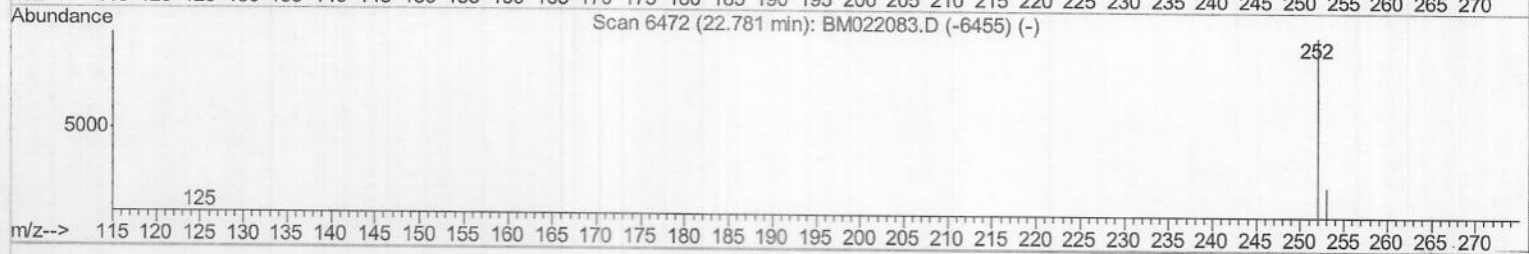
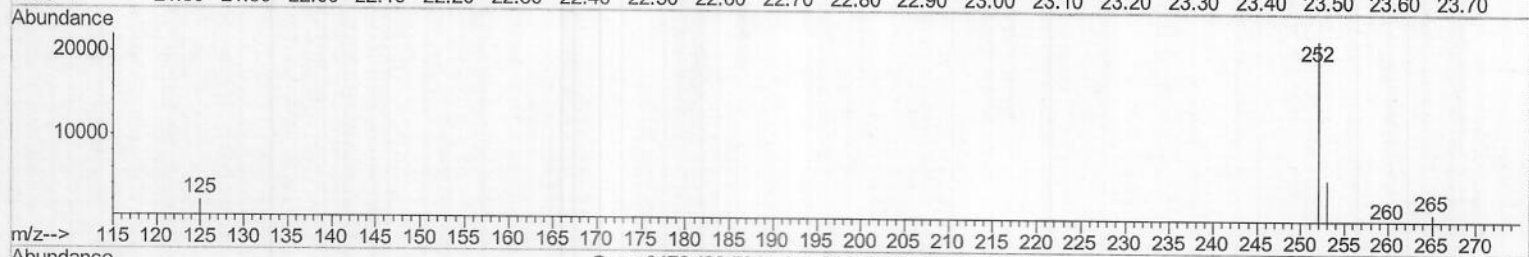
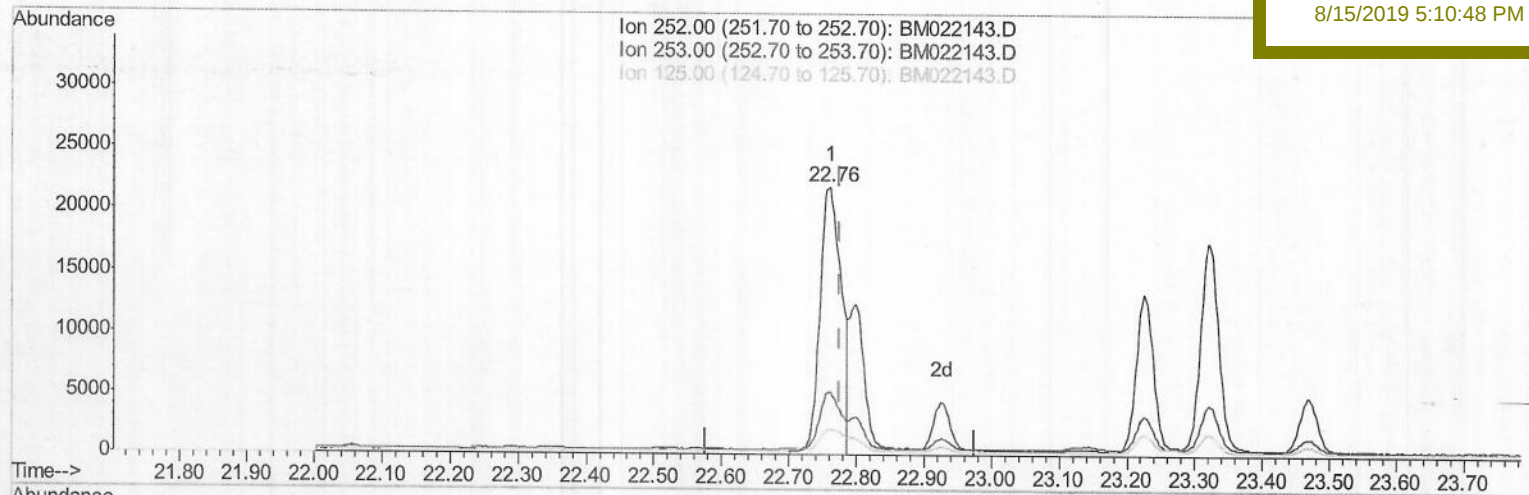
CB5P7DL

Manual Integrations

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mohammad

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TIC: BM022143.D

(21) Benzo(b)fluoranthene

22.762min (-0.014) 2.82ng/ul m

response 48334

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	23.45
125.00	15.50	9.66
0.00	0.00	0.00

JU
08/16/19

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Operator : HP/JU

Sample : K4304-16DL 5X

Misc :

ALS Vial : 46 Sample Multiplier: 1

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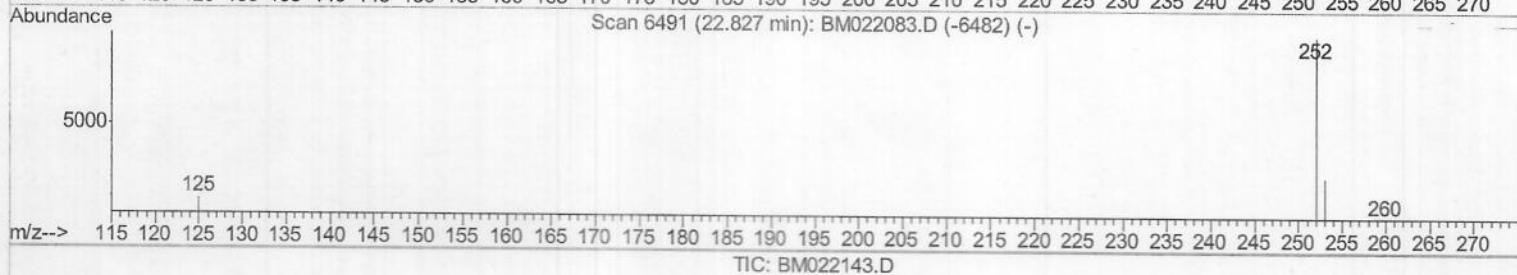
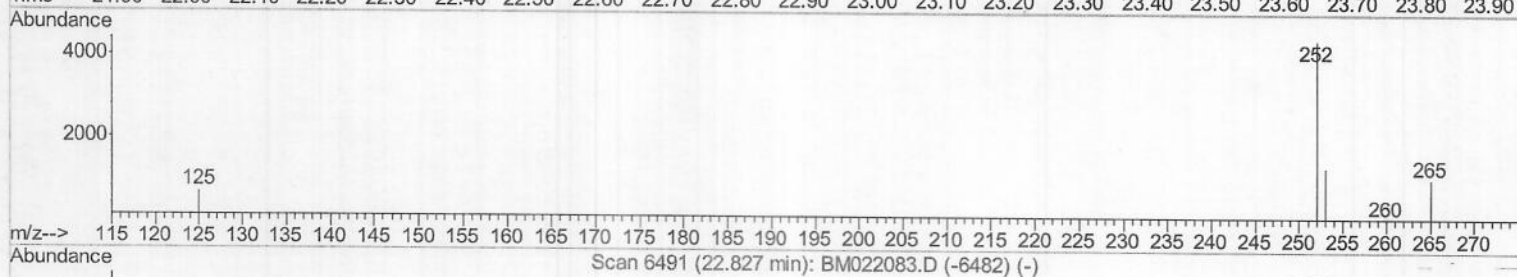
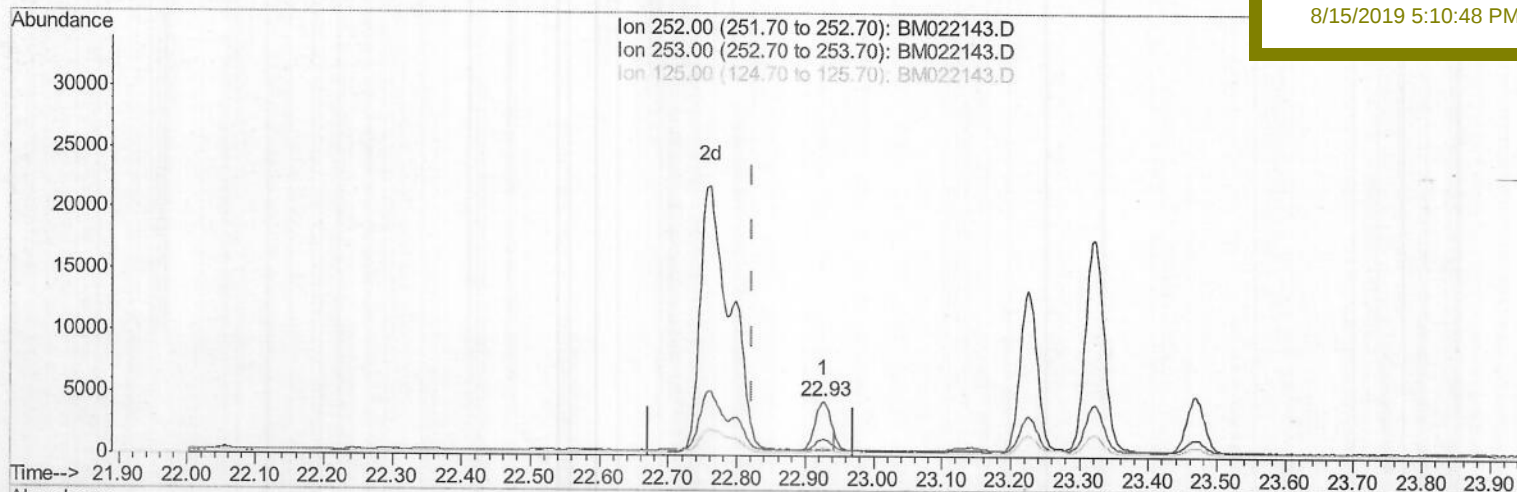
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Instrument :

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Manual Integrations
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(22) Benzo(k)fluoranthene

22.926min (+0.104) 0.31ng/ul

response 5980

Ion	Exp%	Act%
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252.00	100	100
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253.00	33.70	30.52
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125.00	15.20	15.34
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0.00	0.00	0.00
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Misc :

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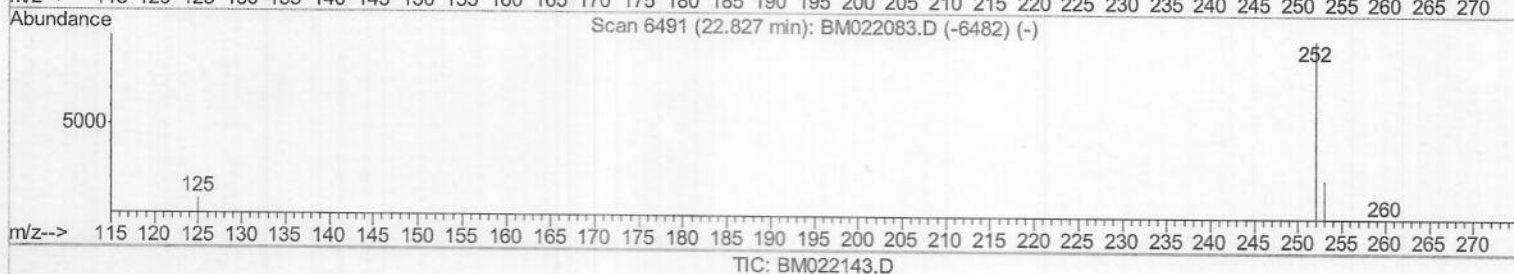
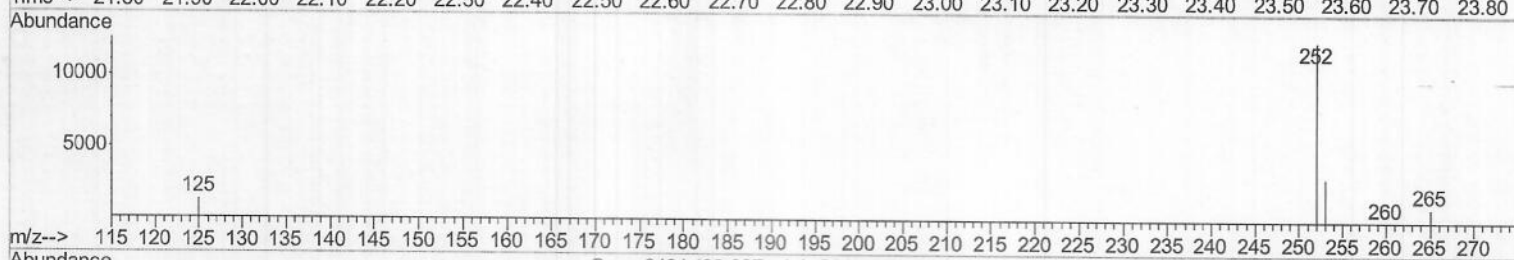
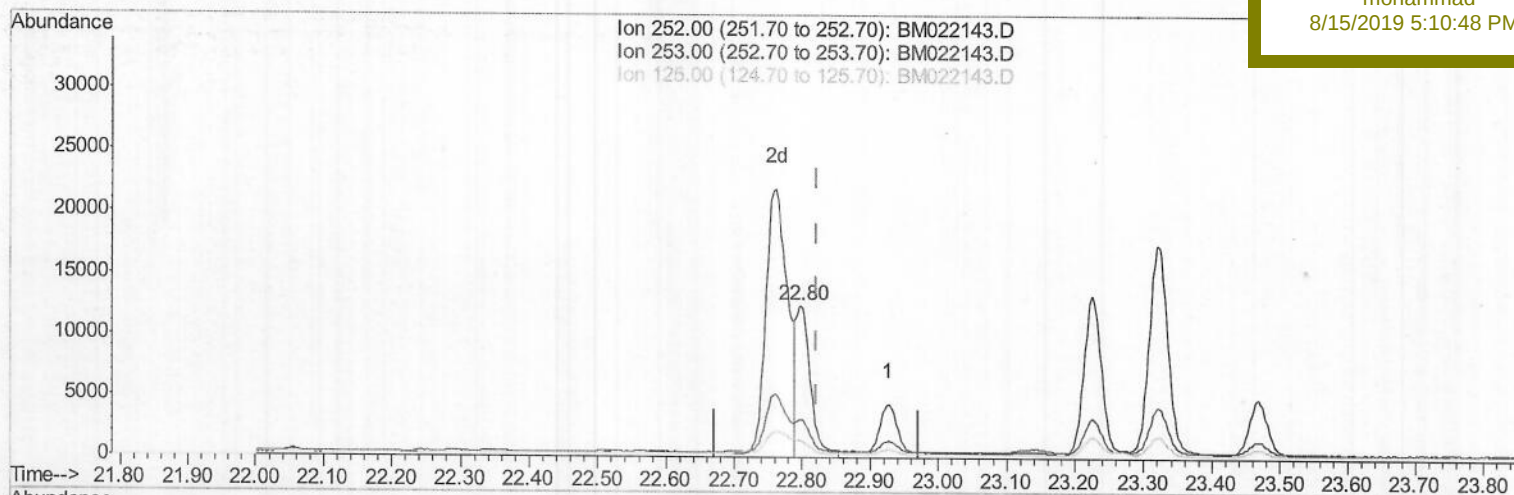
Response via : Initial Calibration

Instrument :

BNA_M

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Manual Integrations
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8/15/2019 5:10:48 PM

(22) Benzo(k)fluoranthene

22.798min (-0.024) 0.97ng/ul m) JU
08/16/19

response 18791

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	24.88#
125.00	15.20	11.12#
0.00	0.00	0.00

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 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
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Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	1003	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.38	136	4141	0.40	ng/ul	-0.03
6) Acenaphthene-d10	14.25	164	2209	0.40	ng/ul	-0.02
10) Phenanthrene-d10	17.01	188	4896	0.40	ng/ul	-0.03
16) Chrysene-d12	21.21	240	4833	0.40	ng/ul	-0.02
20) Perylene-d12	23.42	264	5080	0.40	ng/ul	-0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.99	152	461	0.07	ng/ul	-0.02
14) Fluoranthene-d10	19.05	212	1151	0.07	ng/ul	-0.02
Target Compounds						
					Qvalue	
3) Naphthalene	10.43	128	2444	0.209	ng/ul	99
5) 2-Methylnaphthalene	12.07	142	953	0.122	ng/ul	99
7) Acenaphthylene	13.97	152	1615	0.157	ng/ul#	83
8) Acenaphthene	14.31	153	2855	0.339	ng/ul	95
9) Fluorene	15.31	166	2880	0.308	ng/ul	98
12) Phenanthrene	17.05	178	49472	3.473	ng/ul	96
13) Anthracene	17.14	178	10357	0.852	ng/ul	96
15) Fluoranthene	19.08	202	81987	4.296	ng/ul	96
17) Pyrene	19.44	202	69644	3.507	ng/ul	99
18) Benzo(a)anthracene	21.20	228	38630	2.235	ng/ul	99
19) Chrysene	21.25	228	37685	1.695	ng/ul	99
21) Benzo(b)fluoranthene	22.76	252	48334m	2.822	ng/ul	} Ju 08/16/19
22) Benzo(k)fluoranthene	22.80	252	18791m	0.969	ng/ul	
23) Benzo(a)pyrene	23.32	252	32415	1.861	ng/ul#	77
24) Indeno(1,2,3-cd)pyrene	25.62	276	22308	1.072	ng/ul#	92
25) Dibenzo(a,h)anthracene	25.62	278	5843	0.348	ng/ul	96
26) Benzo(g,h,i)perylene	26.30	276	18099	0.966	ng/ul	98

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