

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081219\

Data File : BM022039.D

Acq On : 12 Aug 2019 19:33

Operator : HP/JU

Sample : K4041-19DL 2X

Misc :

ALS Vial : 19 Sample Multiplier: 1

Quant Time: Aug 13 07:59:35 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 : Tue Aug 13 05:22:05 2019

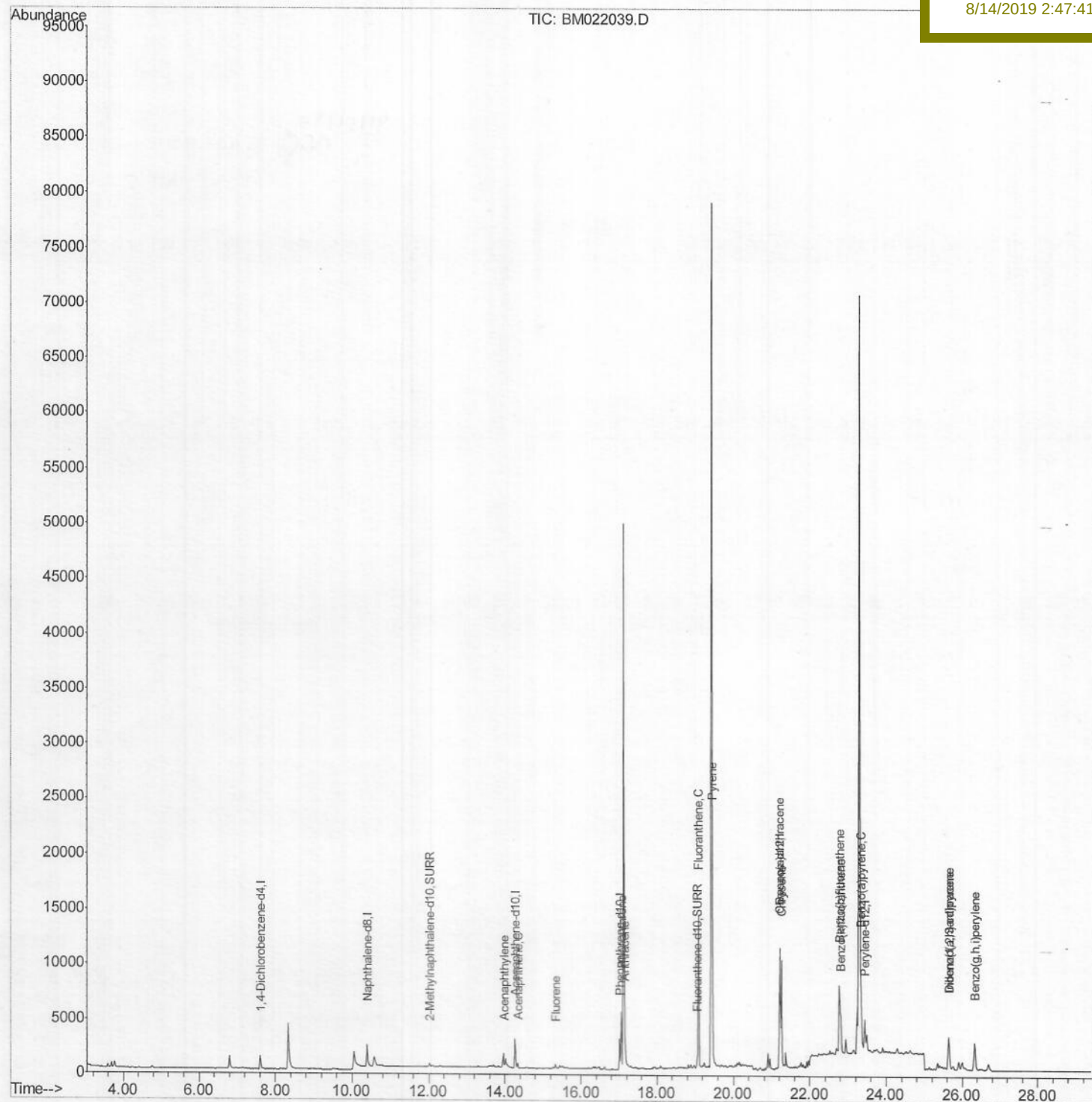
Response via : Initial Calibration

Instrument :

BNA_M

Client Sample Id :

BENX2DL

Manual Integrations
APPROVEDmohammad
8/14/2019 2:47:41 AM

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081219\

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Acq On : 12 Aug 2019 19:33

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Sample : K4041-19DL 2X

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Quant Time: Aug 13 07:58:32 2019

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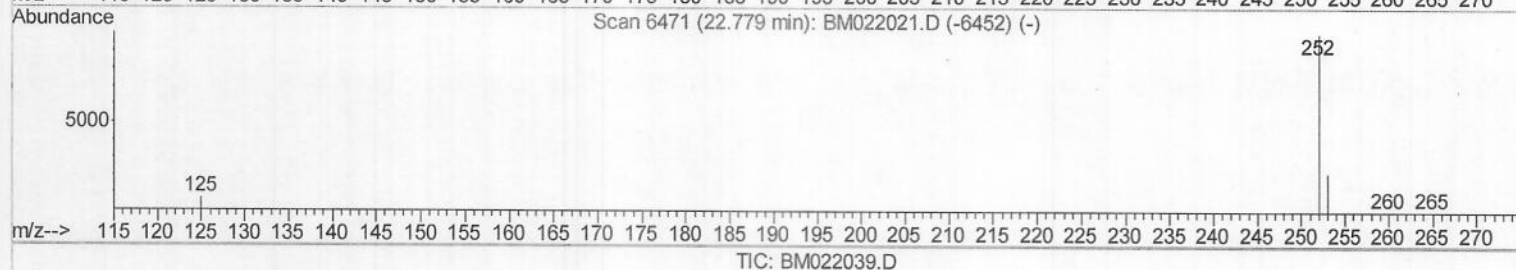
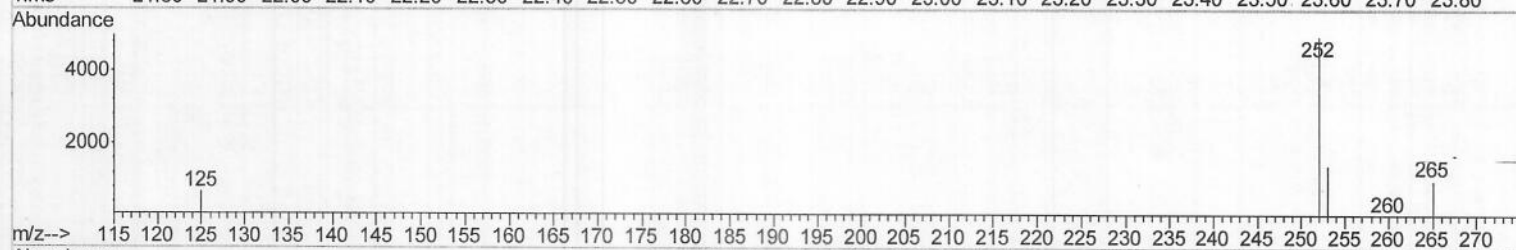
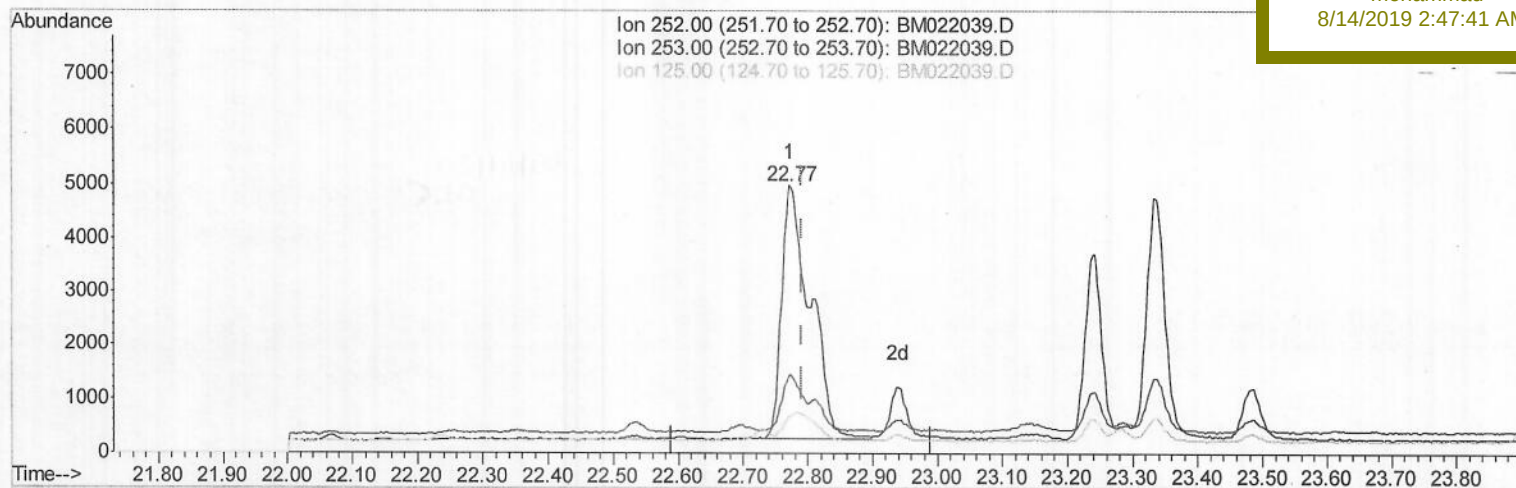
Response via : Initial Calibration

Instrument :

BNA_M

ClientSampleId :

BENX2DL

Manual Integrations
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8/14/2019 2:47:41 AM

(21) Benzo(b)fluoranthene

22.772min (-0.019) 1.11ng/ul

response 14470

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	28.45
125.00	15.50	13.69
0.00	0.00	0.00

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Instrument :

BNA_M

Client Sampled :

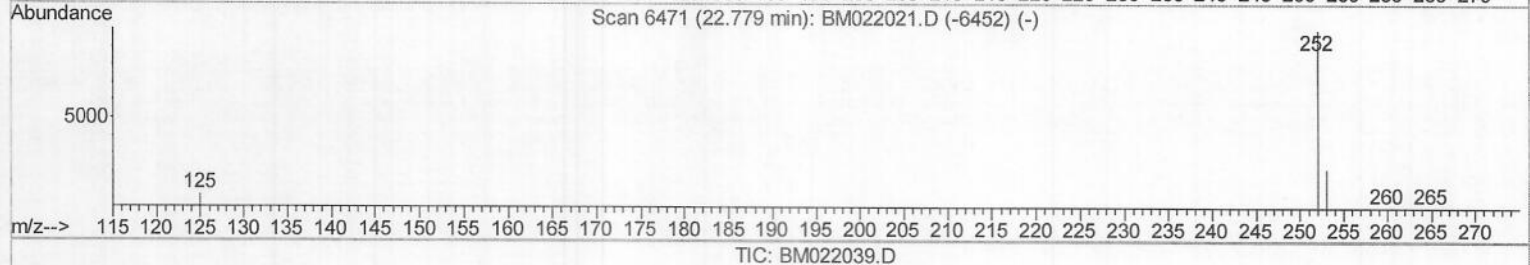
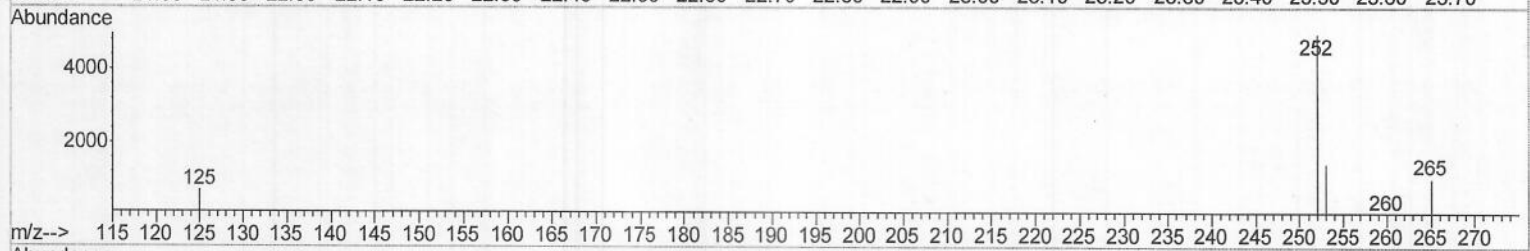
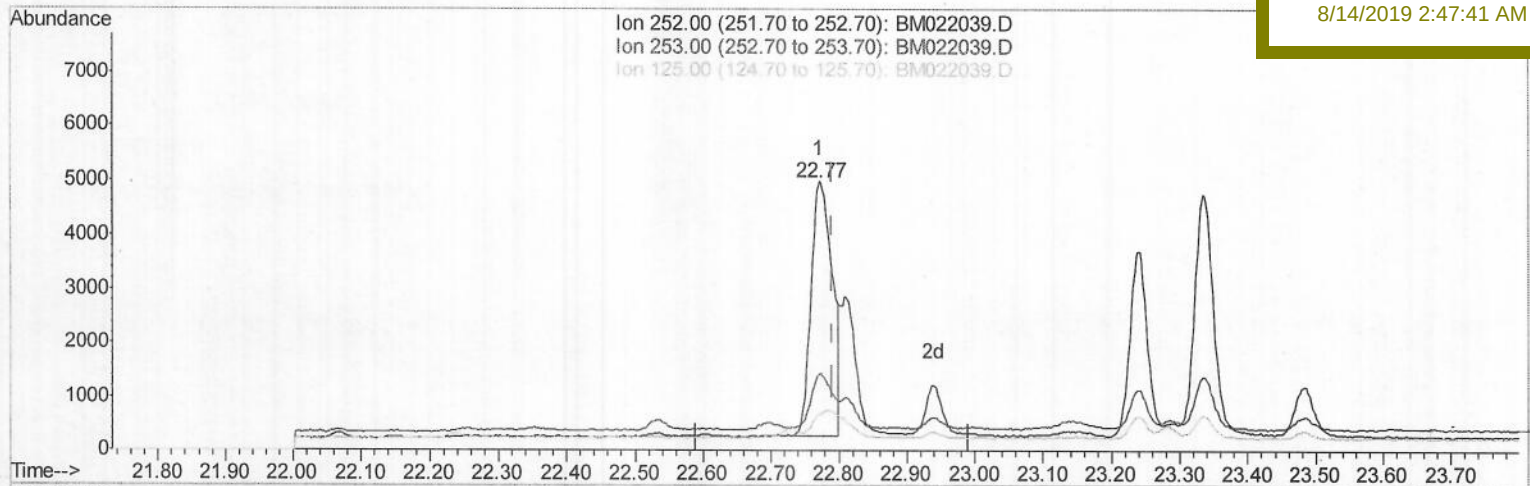
BENX2DL

Manual Integrations

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mohammad

8/14/2019 2:47:41 AM



(21) Benzo(b)fluoranthene

22.772min (-0.019) 0.77ng/ul m) JU

response 10054

08/17/19

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	28.45
125.00	15.50	13.69
0.00	0.00	0.00

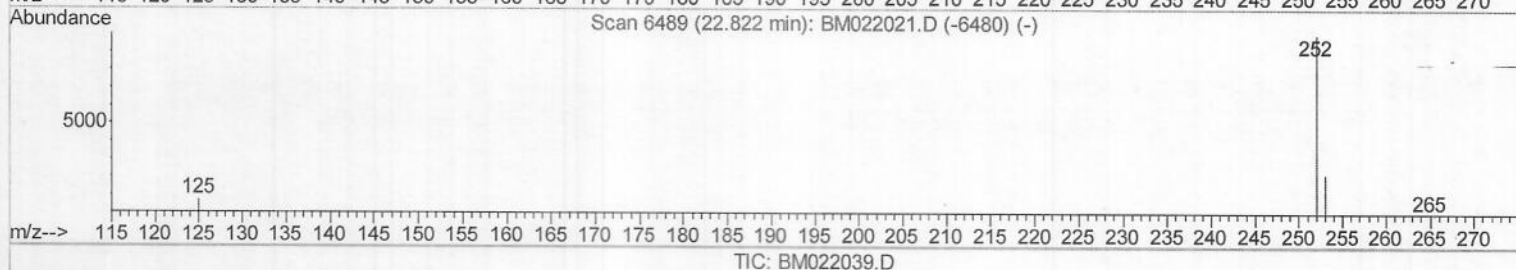
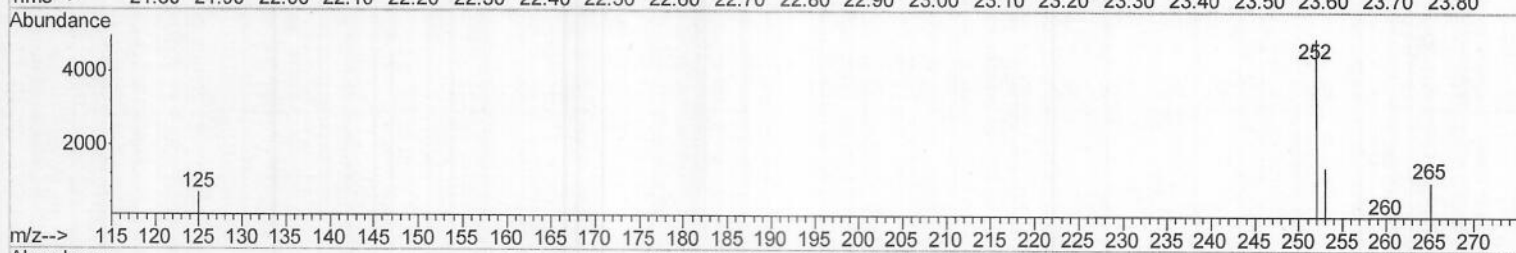
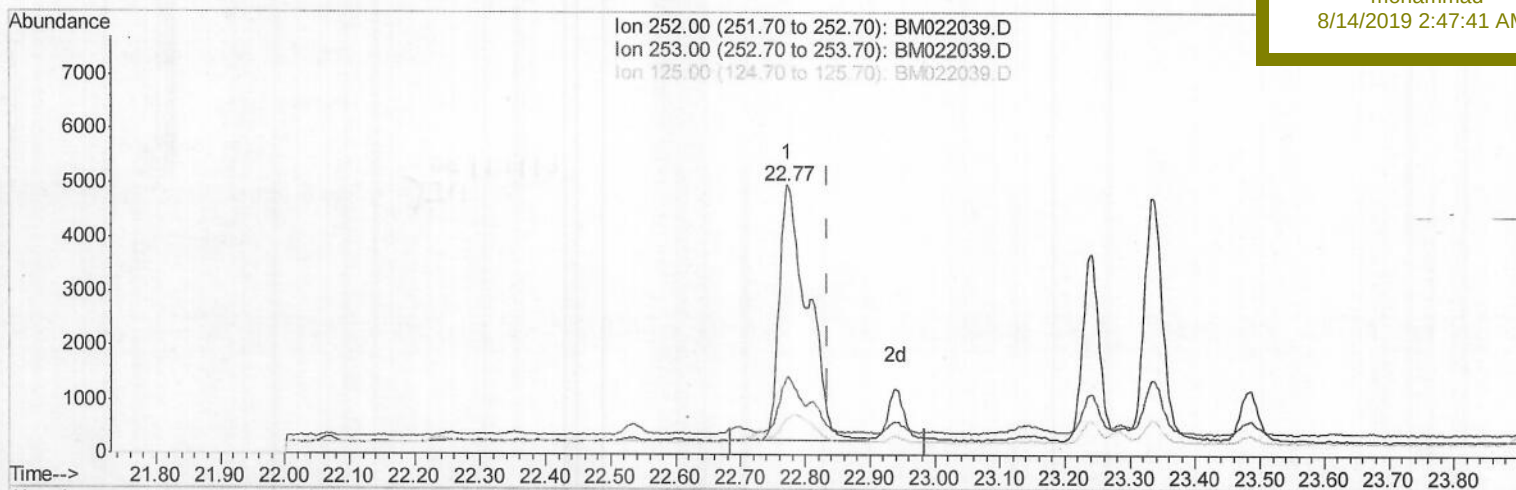
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081219\
Data File : BM022039.D
Acq On : 12 Aug 2019 19:33
Operator : HP/JU
Sample : K4041-19DL 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Aug 13 07:58:32 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
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Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BENX2DL

Manual Integrations
APPROVED

mohammad
8/14/2019 2:47:41 AM



(22) Benzo(k)fluoranthene
22.772min (-0.063) 0.98ng/ul
response 14470

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	28.45
125.00	15.20	13.69
0.00	0.00	0.00

Quantitation Report (Qedit)

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Misc :

ALS Vial : 19 Sample Multiplier: 1

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ClientSampleId :

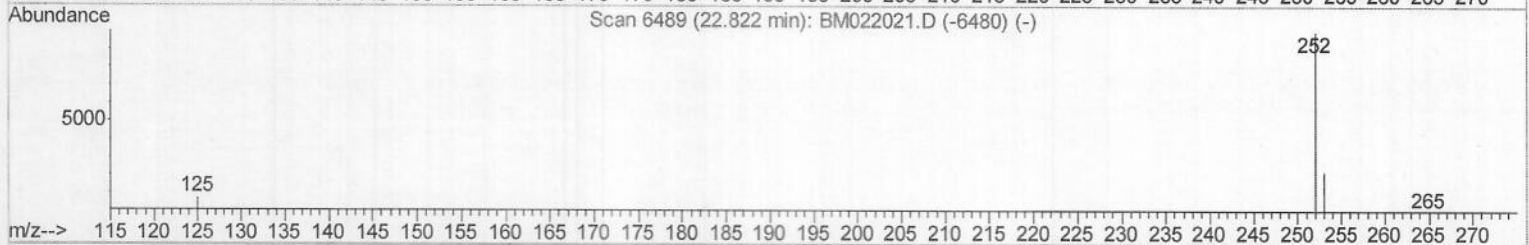
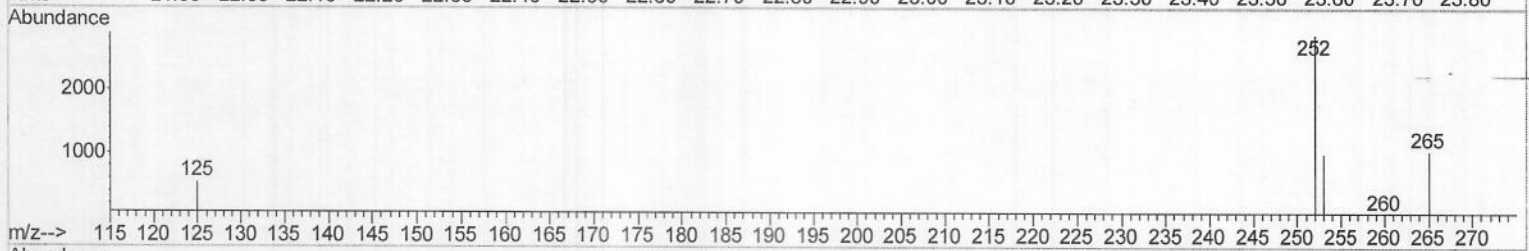
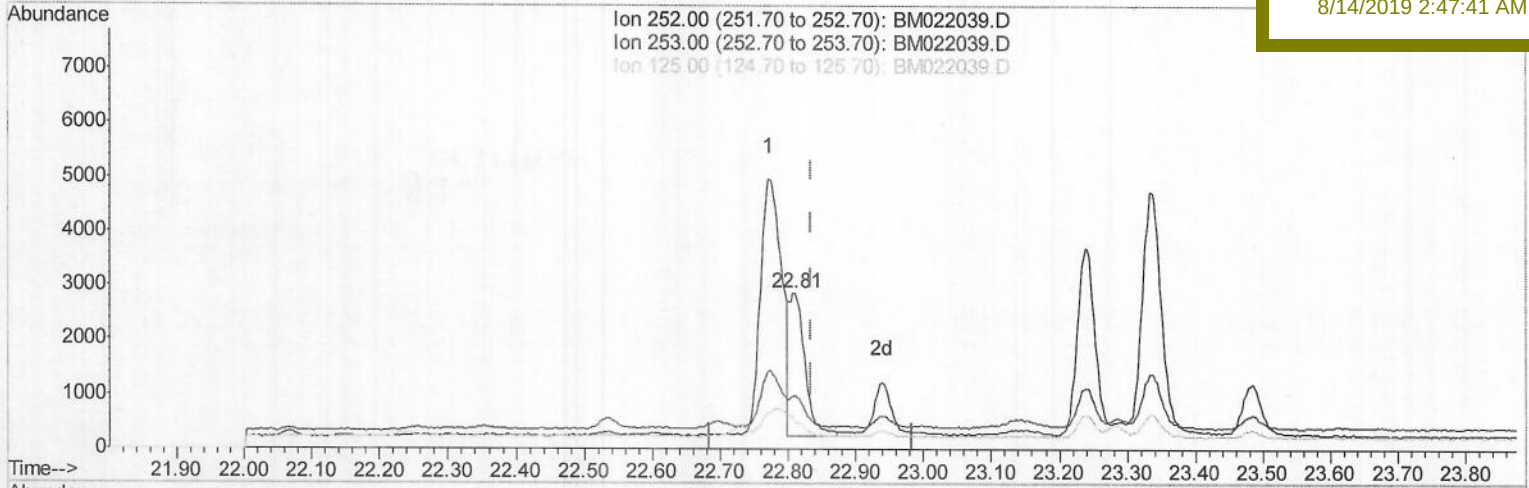
BENX2DL

Manual Integrations

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mohammad

8/14/2019 2:47:41 AM



TIC: BM022039.D

(22) Benzo(k)fluoranthene

22.810min (-0.024) 0.30ng/ul m

response 4456

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	34.61
125.00	15.20	18.57#
0.00	0.00	0.00

JU
08/14/19

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 Operator : HP/JU
 Sample : K4041-19DL 2X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 Client Sampled :
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Manual Integrations
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	720	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.39	136	2971	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.27	164	1565	0.40	ng/ul	-0.02
10) Phenanthrene-d10	17.02	188	3489	0.40	ng/ul	-0.02
16) Chrysene-d12	21.22	240	3462	0.40	ng/ul	-0.02
20) Perylene-d12	23.44	264	3852	0.40	ng/ul	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev (Min)
4) 2-Methylnaphthalene-d10	12.02	152	410	0.08	ng/ul	0.00
14) Fluoranthene-d10	19.06	212	1086	0.09	ng/ul	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
7) Acenaphthylene	13.99	152	393	0.054	ng/ul#	70
8) Acenaphthene	14.33	153	275	0.046	ng/ul	91
9) Fluorene	15.33	166	283	0.043	ng/ul#	91
12) Phenanthrene	17.06	178	5756	0.567	ng/ul	99
13) Anthracene	17.16	178	1549	0.179	ng/ul	94
15) Fluoranthene	19.09	202	13191	0.970	ng/ul	98
17) Pyrene	19.45	202	17045	1.198	ng/ul	98
18) Benzo (a) anthracene	21.21	228	10553	0.852	ng/ul	98
19) Chrysene	21.26	228	9071	0.570	ng/ul	97
21) Benzo (b) fluoranthene	22.77	252	10054m)	0.774	ng/ul	
22) Benzo (k) fluoranthene	22.81	252	4456m)	0.303	ng/ul	
23) Benzo (a) pyrene	23.33	252	8611	0.652	ng/ul#	85
24) Indeno (1,2,3-cd) pyrene	25.65	276	4905	0.311	ng/ul#	96
25) Dibenzo (a,h) anthracene	25.65	278	1405	0.110	ng/ul#	64
26) Benzo (g,h,i) perylene	26.33	276	5176	0.365	ng/ul	96

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

JU
 08/17/19