

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080719\

Data File : BN006998.D

Acq On : 07 Aug 2019 21:34

Operator : HP/JU

Sample : K3893-13DL 5X

Misc :

ALS Vial : 20 Sample Multiplier: 1

Quant Time: Aug 08 05:32:05 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN080719.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Aug 07 17:30:08 2019

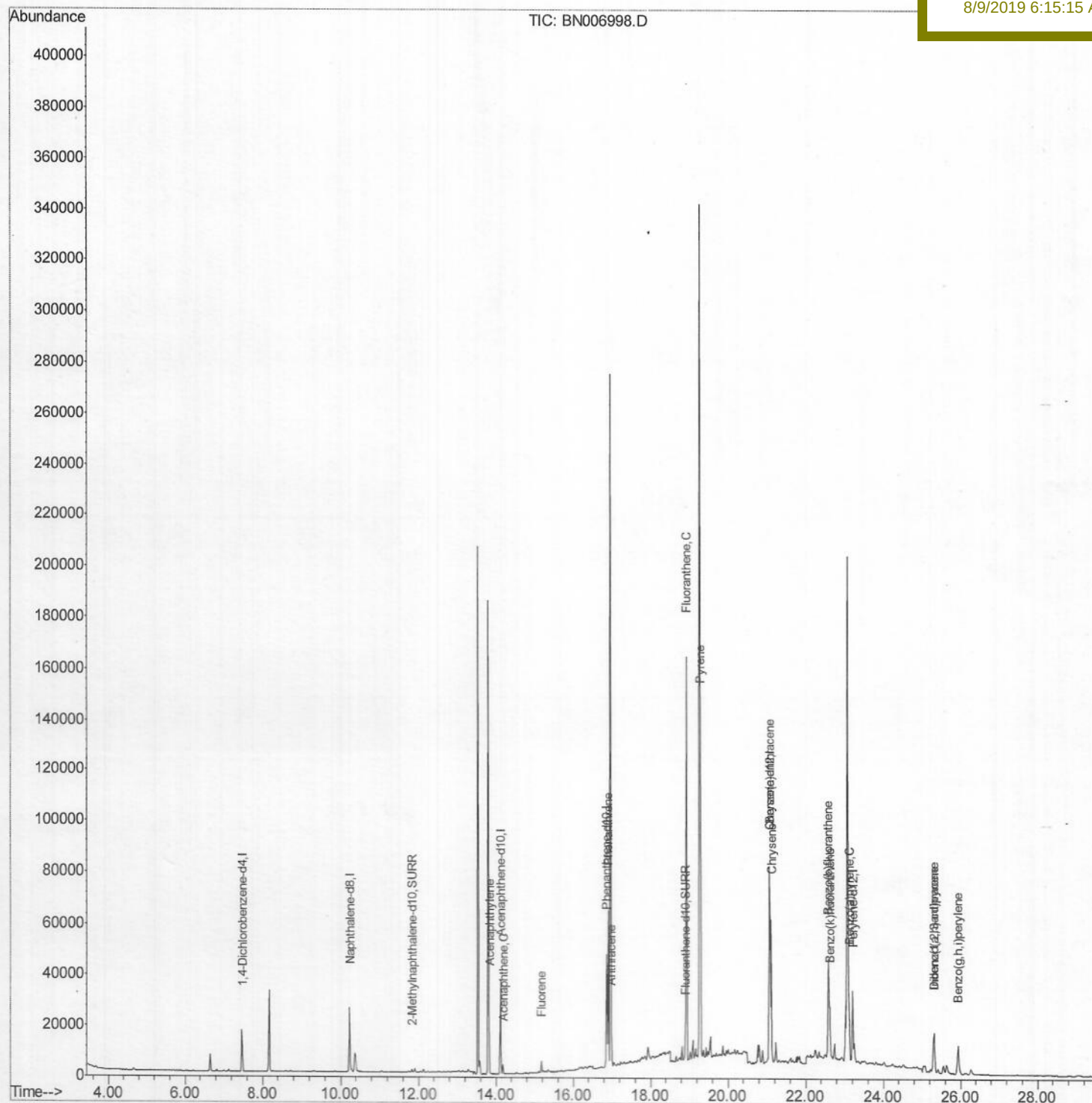
Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

BEP17DL

Manual Integrations
APPROVEDmohammad
8/9/2019 6:15:15 AM

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080719\

Data File : BN006998.D

Acq On : 07 Aug 2019 21:34

Operator : HP/JU

Sample : K3893-13DL 5X

Misc :

ALS Vial : 20 Sample Multiplier: 1

Quant Time: Aug 08 04:52:34 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN080719.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Aug 07 17:30:08 2019

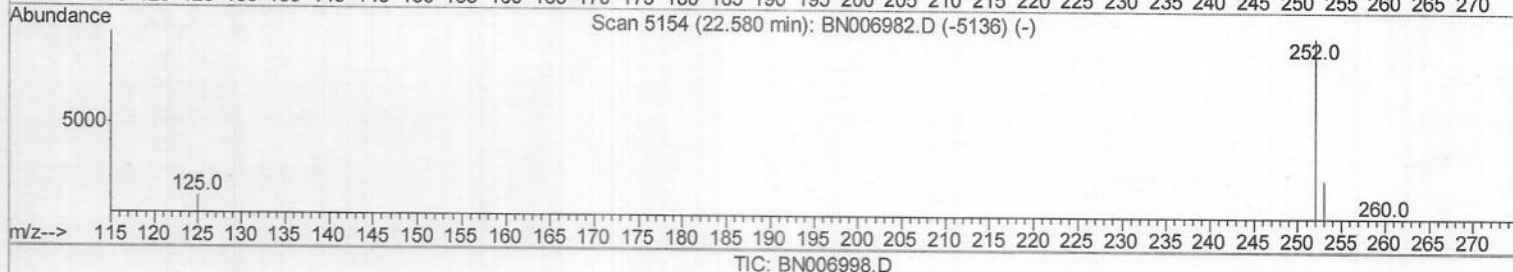
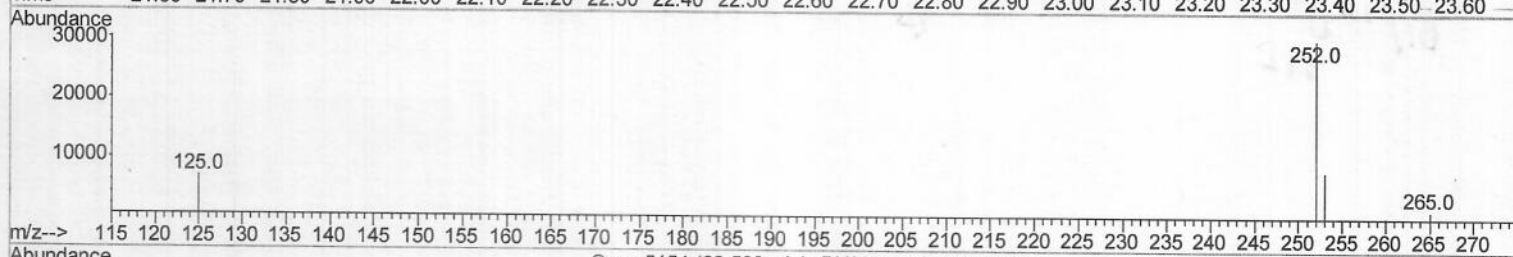
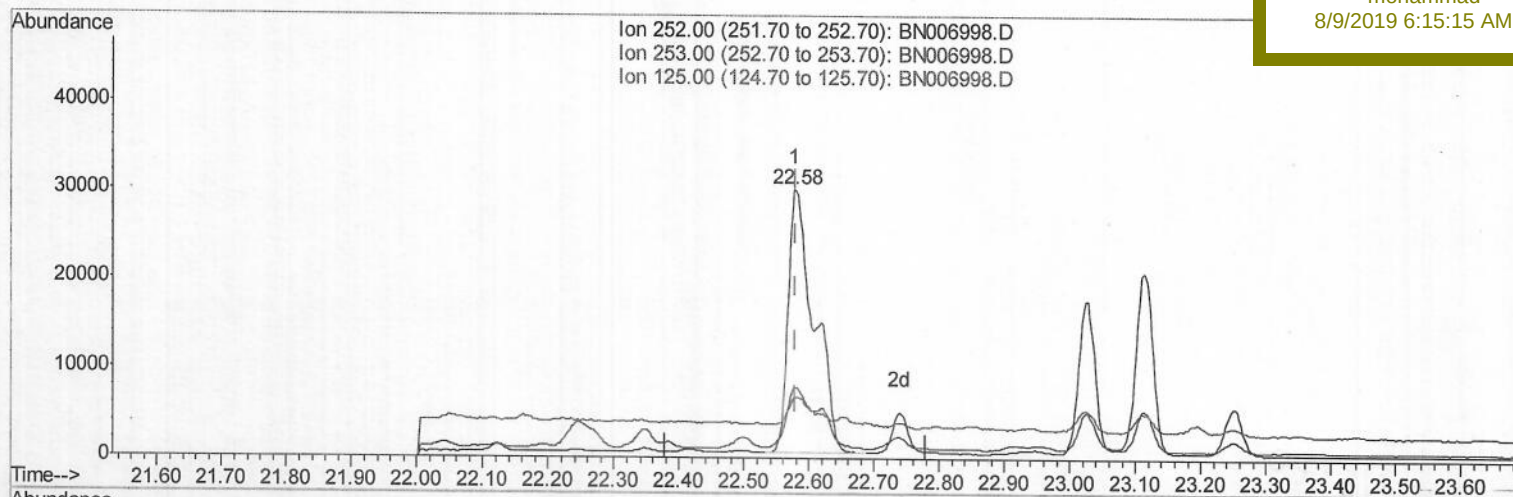
Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

BEP17DL

Manual Integrations
APPROVEDmohammad
8/9/2019 6:15:15 AM

(21) Benzo(b)fluoranthene

22.577min (-0.003) 0.60ng/ul

response 81741

Ion	Exp%	Act%
252.00	100	100
253.00	22.60	26.51
125.00	11.10	22.67#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080719\

Data File : BN006998.D

Acq On : 07 Aug 2019 21:34

Operator : HP/JU

Sample : K3893-13DL 5X

Misc :

ALS Vial : 20 Sample Multiplier: 1

Quant Time: Aug 08 04:52:34 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN080719.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Aug 07 17:30:08 2019

Response via : Initial Calibration

Instrument :

BNA_N

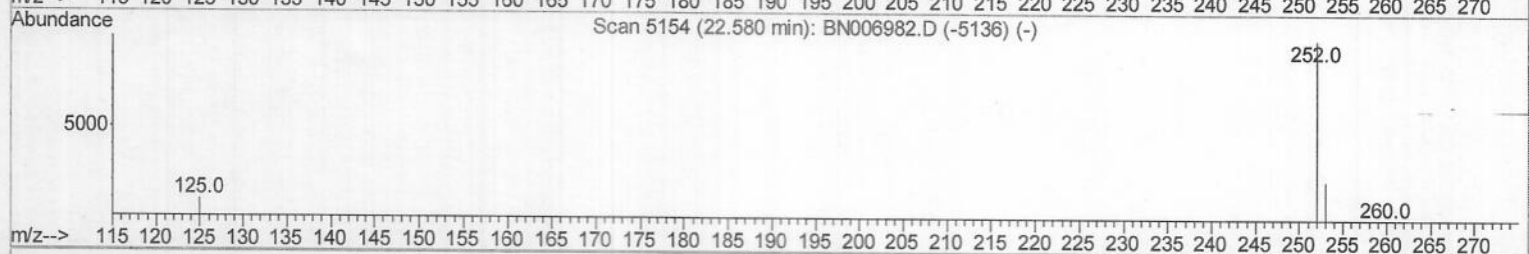
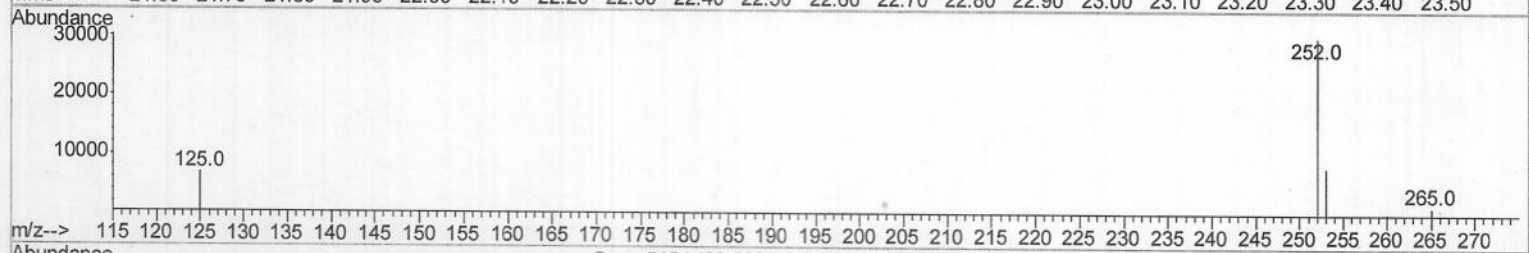
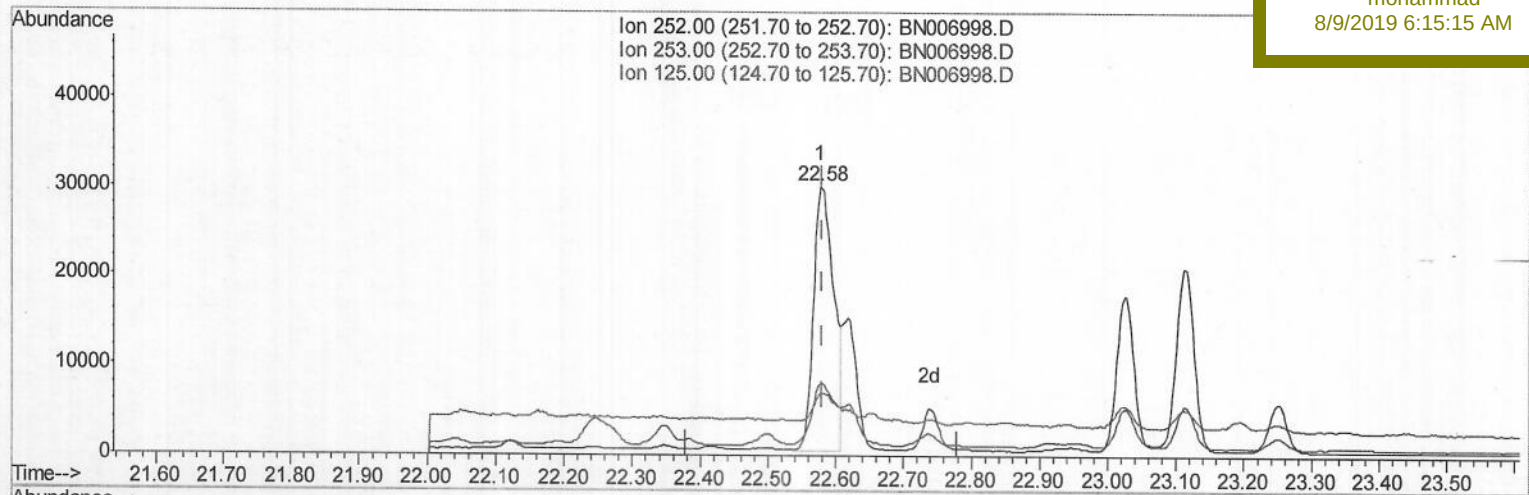
ClientSampleId :

BEP17DL

Manual Integrations
APPROVED

mohammad

8/9/2019 6:15:15 AM



TIC: BN006998.D

(21) Benzo(b)fluoranthene

22.577min (-0.003) 0.44ng/ul m) JU
08/08/19

response 60833

Ion	Exp%	Act%
252.00	100	100
253.00	22.60	26.51
125.00	11.10	22.67#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080719\

Data File : BN006998.D

Acq On : 07 Aug 2019 21:34

Operator : HP/JU

Sample : K3893-13DL 5X

Misc :

ALS Vial : 20 Sample Multiplier: 1

Quant Time: Aug 08 04:52:34 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN080719.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Aug 07 17:30:08 2019

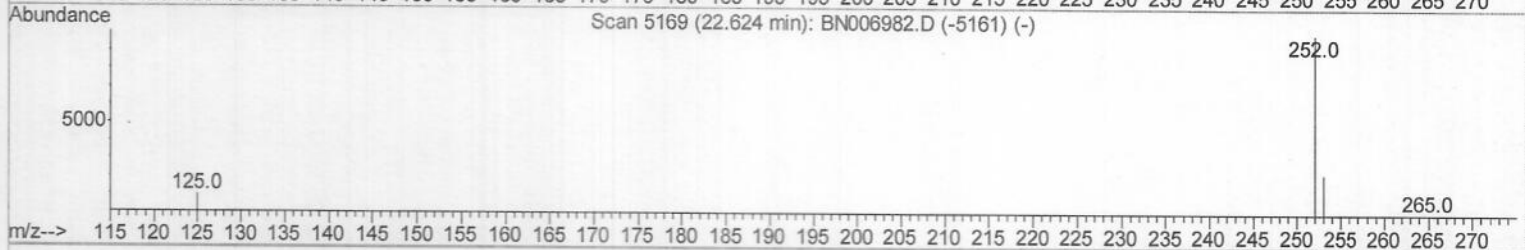
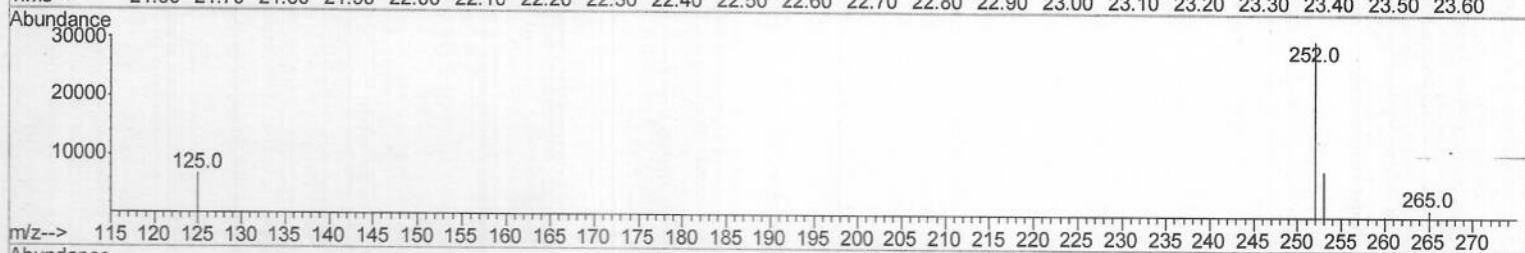
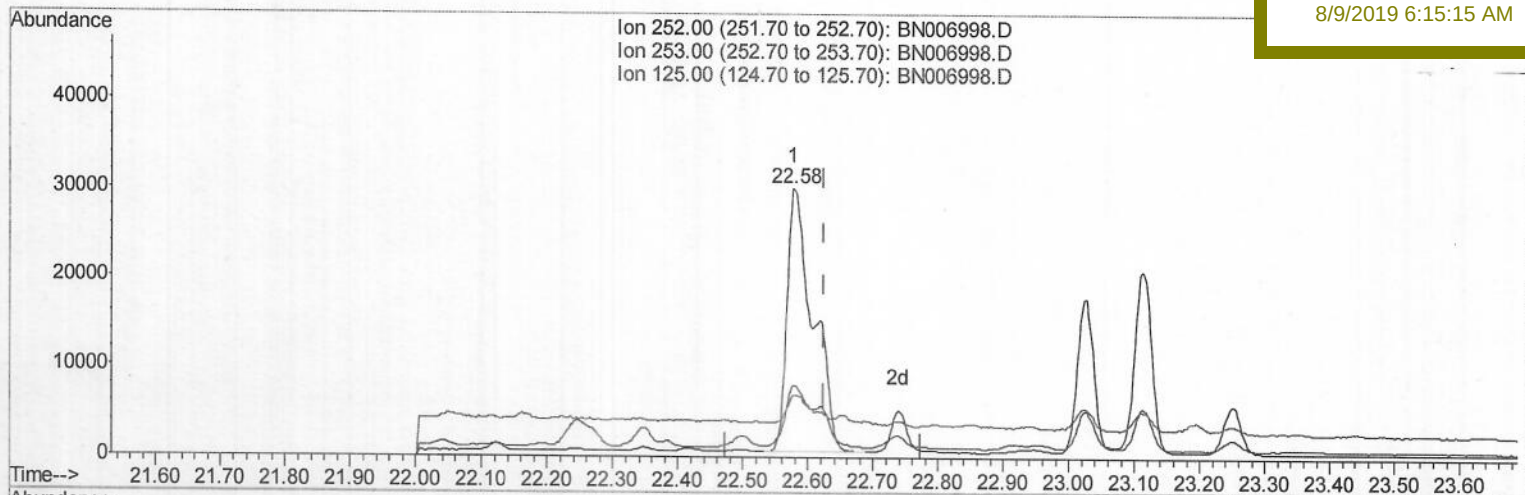
Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

BEP17DL

Manual Integrations
APPROVEDmohammad
8/9/2019 6:15:15 AM

TIC: BN006998.D

(22) Benzo(k)fluoranthene

22.577min (-0.047) 0.62ng/ul

response 81741

Ion	Exp%	Act%
252.00	100	100
253.00	23.30	26.51
125.00	10.90	22.67#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080719\

Data File : BN006998.D

Acq On : 07 Aug 2019 21:34

Operator : HP/JU

Sample : K3893-13DL 5X

Misc :

ALS Vial : 20 Sample Multiplier: 1

Quant Time: Aug 08 04:52:34 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN080719.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Aug 07 17:30:08 2019

Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

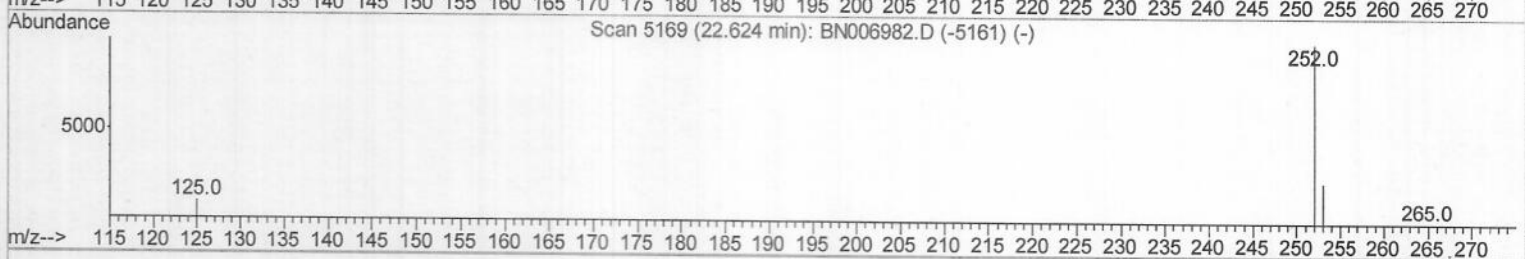
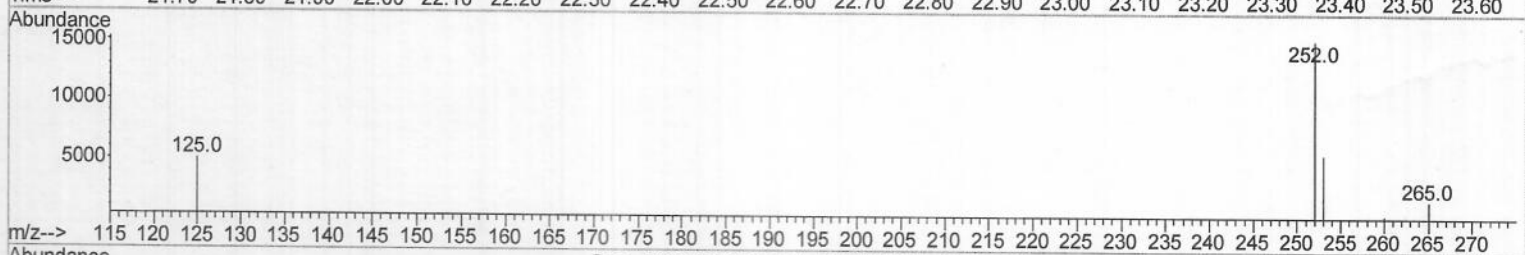
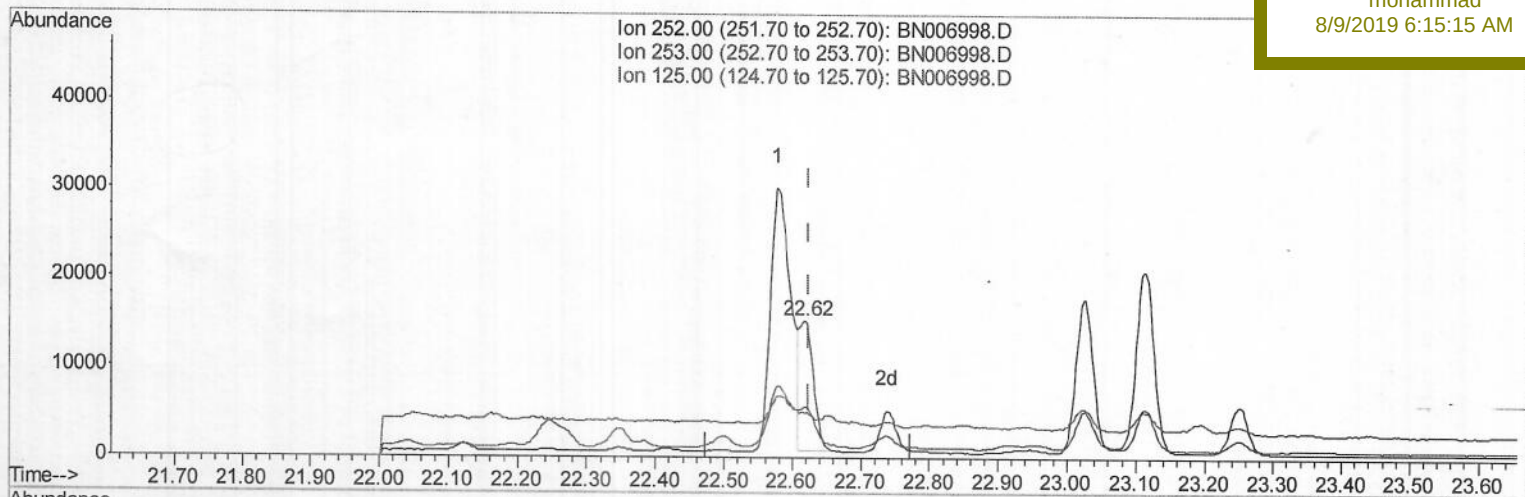
BEP17DL

Manual Integrations

APPROVED

mohammad

8/9/2019 6:15:15 AM



TIC: BN006998.D

(22) Benzo(k)fluoranthene

22.618min (-0.006) 0.16ng/ul m) JU
08/08/19

response 20875

Ion	Exp%	Act%
252.00	100	100
253.00	23.30	36.93#
125.00	10.90	32.60#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080719\
 Data File : BN006998.D
 Acq On : 07 Aug 2019 21:34
 Operator : HP/JU
 Sample : K3893-13DL 5X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BEP17DL

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:15:15 AM

Quant Time: Aug 08 05:32:05 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN080719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 07 17:30:08 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.47	152	8100	0.40	ng/ul	0.00
2) Naphthalene-d8	10.23	136	33102	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.12	164	20839	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.86	188	51886	0.40	ng/ul	0.00
16) Chrysene-d12	21.08	240	39111	0.40	ng/ul	0.00
20) Perylene-d12	23.21	264	33728	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.83	152	1574	0.03	ng/ul	0.00
14) Fluoranthene-d10	18.90	212	4482	0.03	ng/ul	0.00
Target Compounds					Ovalue	
7) Acenaphthylene	13.83	152	3121	0.026	ng/ul#	88
8) Acenaphthene	14.18	153	2146	0.026	ng/ul	97
9) Fluorene	15.17	166	2925	0.029	ng/ul#	94
12) Phenanthrene	16.90	178	63377	0.383	ng/ul	99
13) Anthracene	16.99	178	13126	0.078	ng/ul#	91
15) Fluoranthene	18.93	202	134236	0.653	ng/ul	99
17) Pyrene	19.29	202	110983	0.636	ng/ul	98
18) Benzo(a)anthracene	21.06	228	54456	0.317	ng/ul	94
19) Chrysene	21.11	228	56403	0.351	ng/ul#	94
21) Benzo(b)fluoranthene	22.58	252	60833m}	0.445	ng/ul	JU 08/08/19
22) Benzo(k)fluoranthene	22.62	252	20875m}	0.158	ng/ul	
23) Benzo(a)pyrene	23.11	252	36759	0.286	ng/ul#	84
24) Indeno(1,2,3-cd)pyrene	25.30	276	24453	0.176	ng/ul#	95
25) Dibenzo(a,h)anthracene	25.31	278	6534	0.059	ng/ul#	61
26) Benzo(a,h,i)perylene	25.94	276	21705	0.186	ng/ul	95

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