

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN102119\
Data File : BN008289.D
Acq On : 21 Oct 2019 18:51
Operator : JU
Sample : K5178-11DL 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Oct 22 00:20:53 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 :

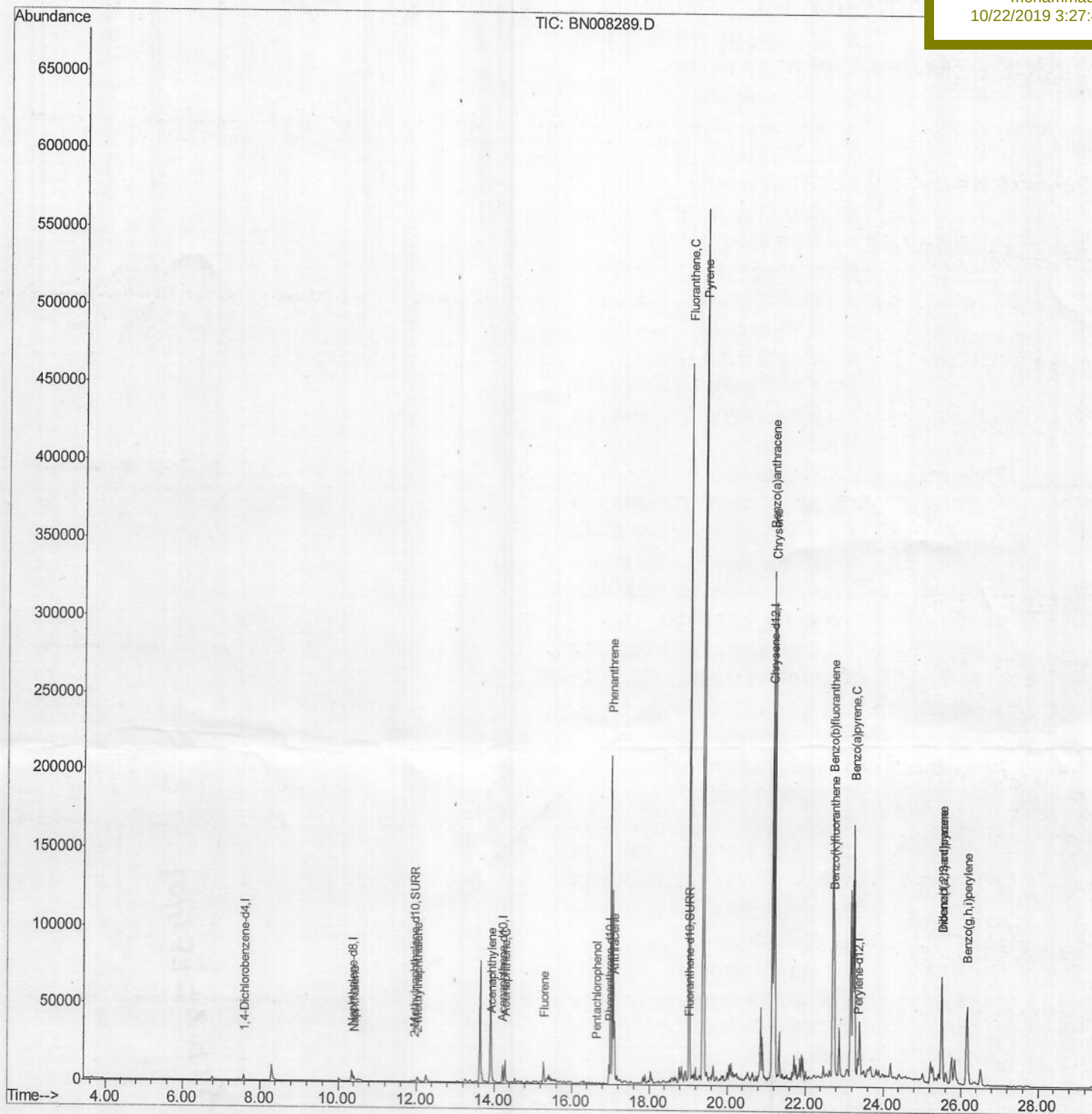
BEPF4DL

Manual Integrations

APPROVED

mohammad

10/22/2019 3:27:40 PM



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN102119\

Data File : BN008289.D

Acq On : 21 Oct 2019 18:51

Operator : JU

Sample : K5178-11DL 5X

Misc :

ALS Vial : 17 Sample Multiplier: 1

Quant Time: Oct 22 00:01:14 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

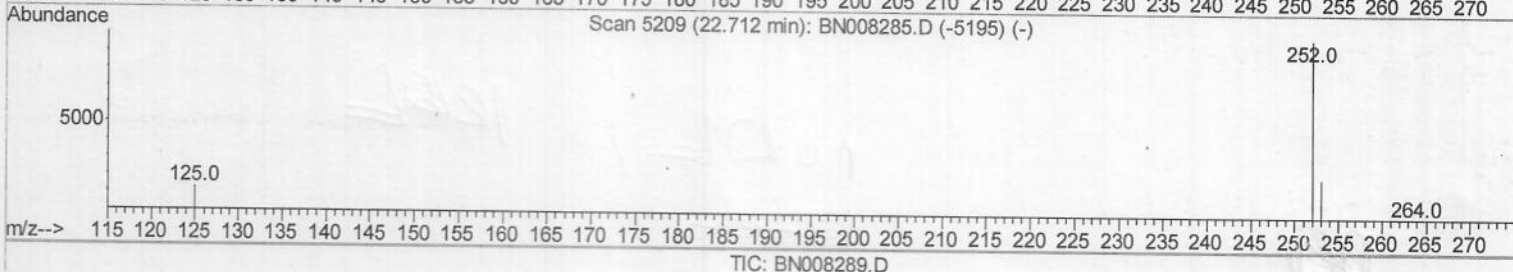
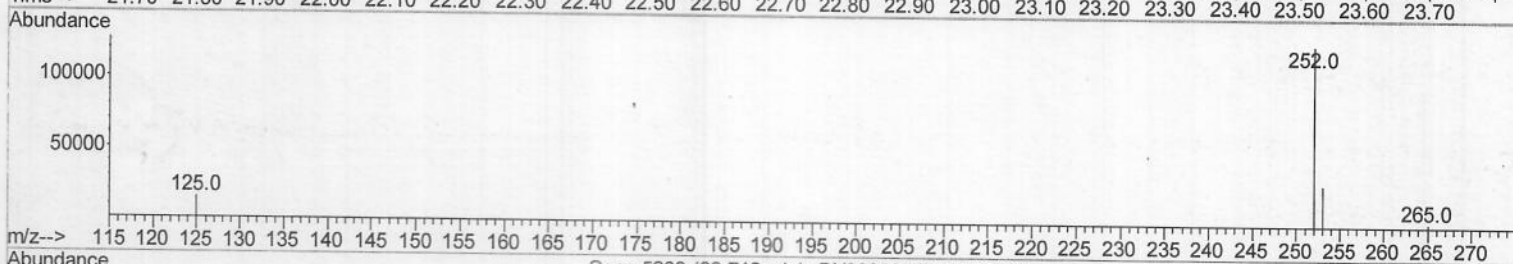
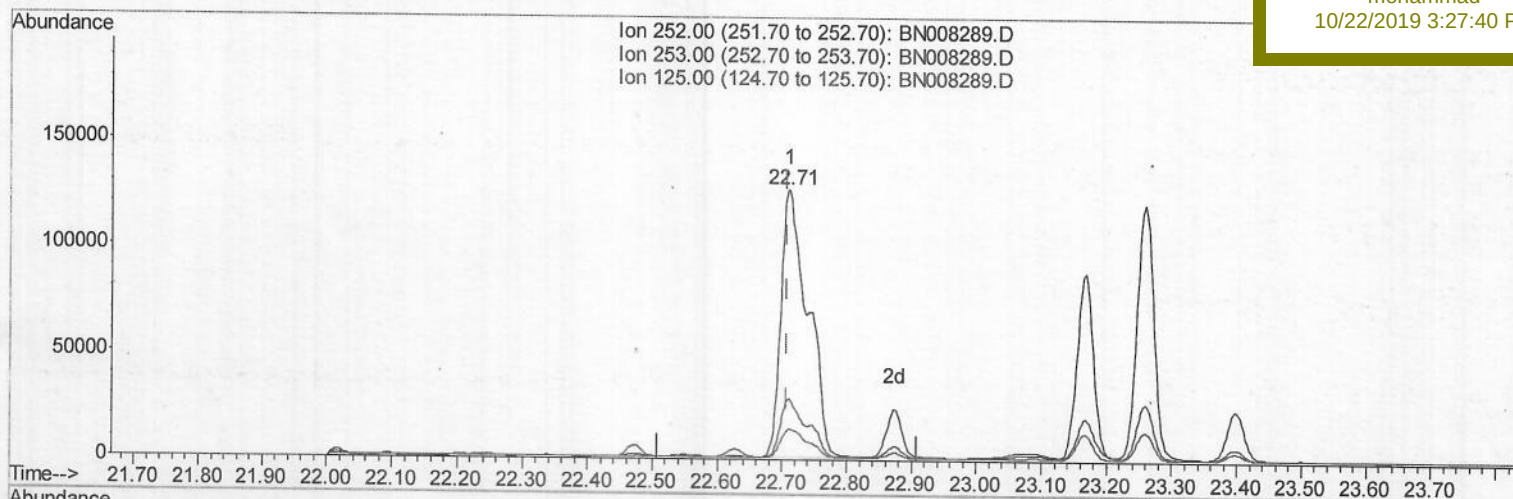
Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

BEPF4DL

Manual Integrations
APPROVEDmohammad
10/22/2019 3:27:40 PM

(21) Benzo(b)fluoranthene

22.712min (+0.003) 8.27ng/ul

response 369331

Ion	Exp%	Act%
252.00	100	100
253.00	26.70	23.03
125.00	16.20	11.74
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN102119\

Data File : BN008289.D

Acq On : 21 Oct 2019 18:51

Operator : JU

Sample : K5178-11DL 5X

Misc :

ALS Vial : 17 Sample Multiplier: 1

Quant Time: Oct 22 00:01:14 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

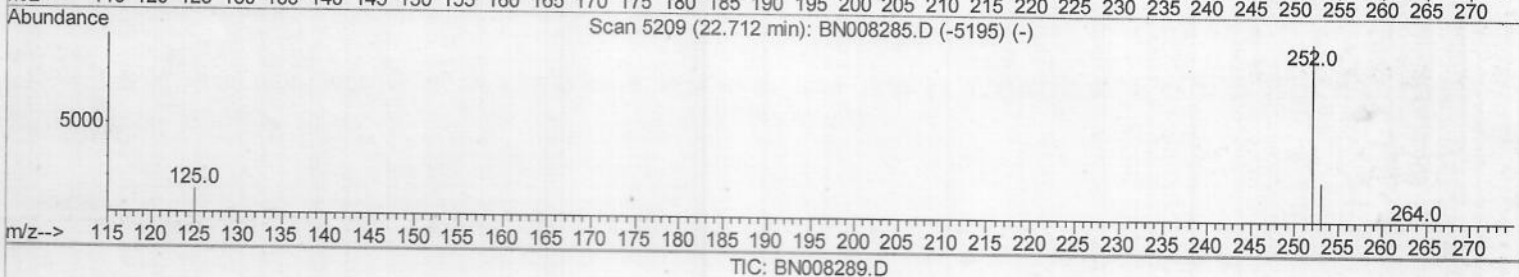
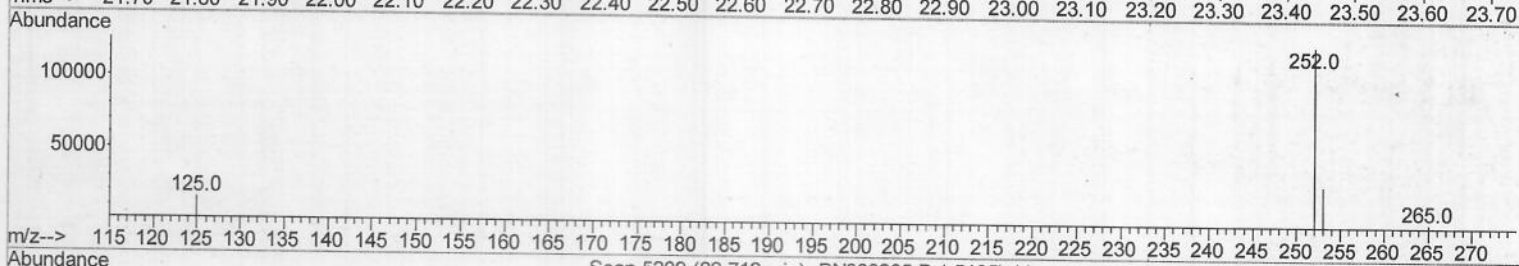
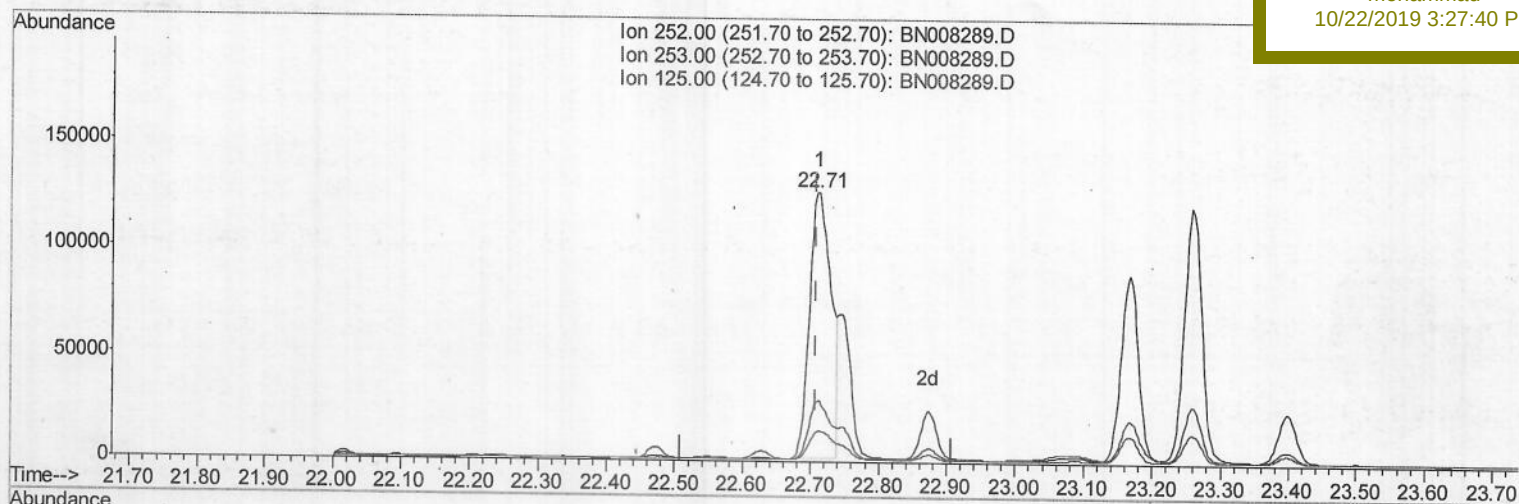
Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

BEPF4DL

Manual Integrations
APPROVEDmohammad
10/22/2019 3:27:40 PM

(21) Benzo(b)fluoranthene

22.712min (+0.003) 6.15ng/ul m

JU 10/23/19

response 274697

Ion	Exp%	Act%
252.00	100	100
253.00	26.70	23.03
125.00	16.20	11.74
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN102119\

Data File : BN008289.D

Acq On : 21 Oct 2019 18:51

Operator : JU

Sample : K5178-11DL 5X

Misc :

ALS Vial : 17 Sample Multiplier: 1

Quant Time: Oct 22 00:01:14 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

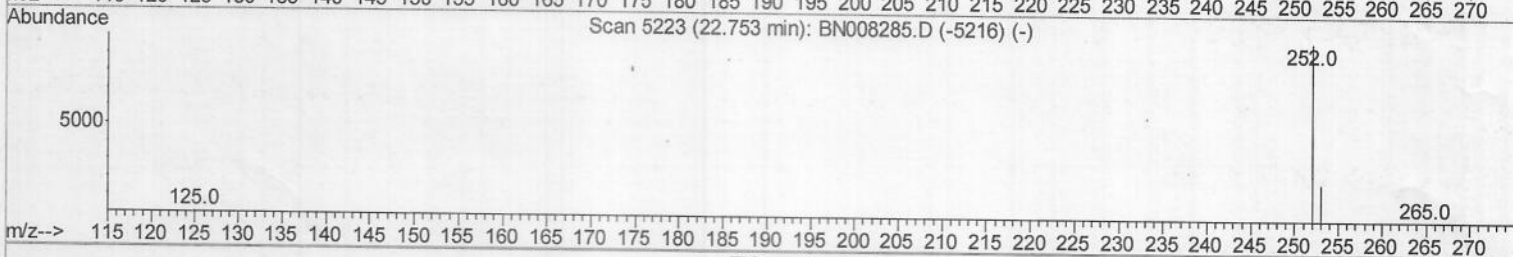
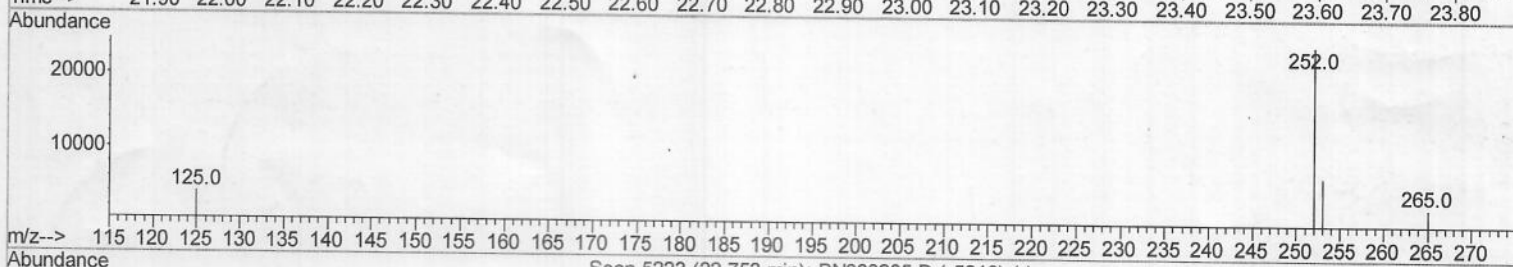
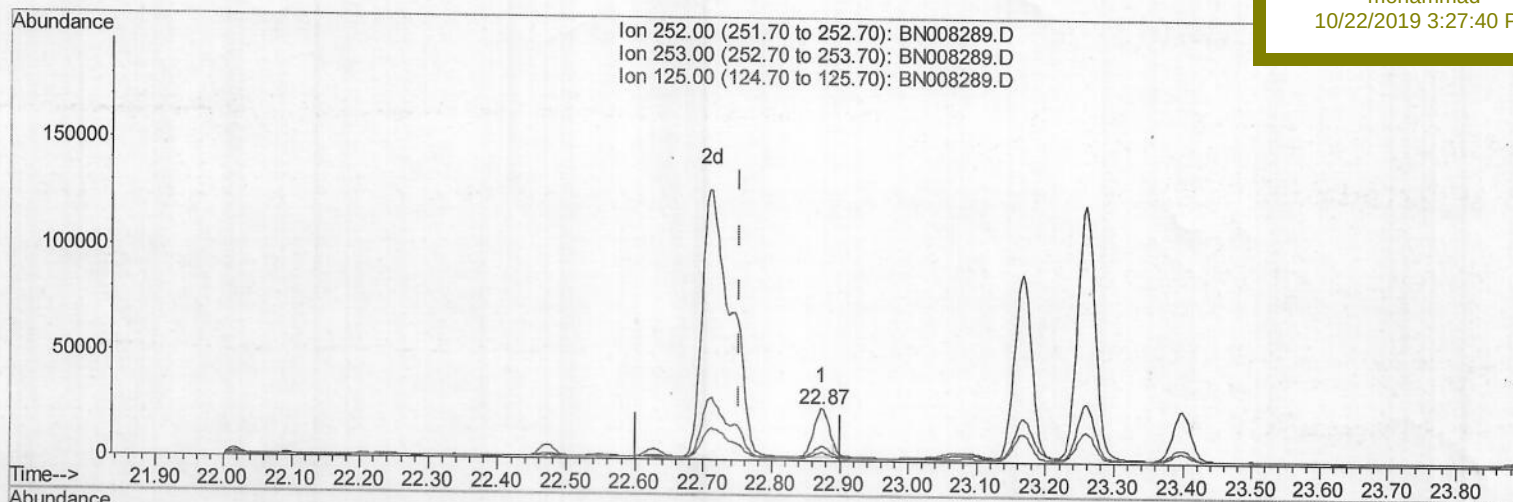
ClientSampleId :

BEPF4DL

Manual Integrations
APPROVED

mohammad

10/22/2019 3:27:40 PM



TIC: BN008289.D

(22) Benzo(k)fluoranthene

22.872min (+0.120) 0.71ng/ul

response 35707

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	27.42
125.00	15.40	15.77
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN102119\

Data File : BN008289.D

Acq On : 21 Oct 2019 18:51

Operator : JU

Sample : K5178-11DL 5X

Misc :

ALS Vial : 17 Sample Multiplier: 1

Quant Time: Oct 22 00:01:14 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 :

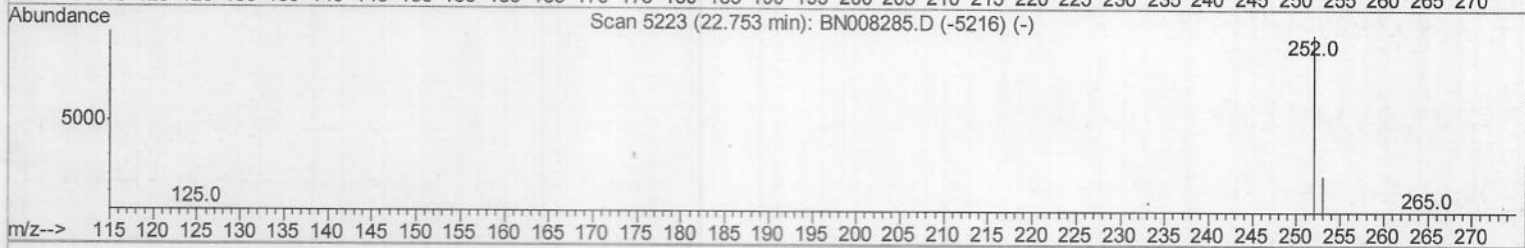
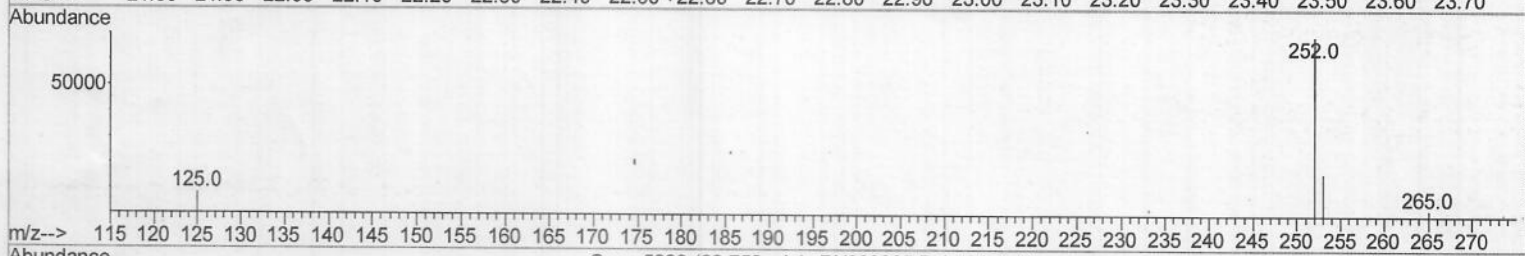
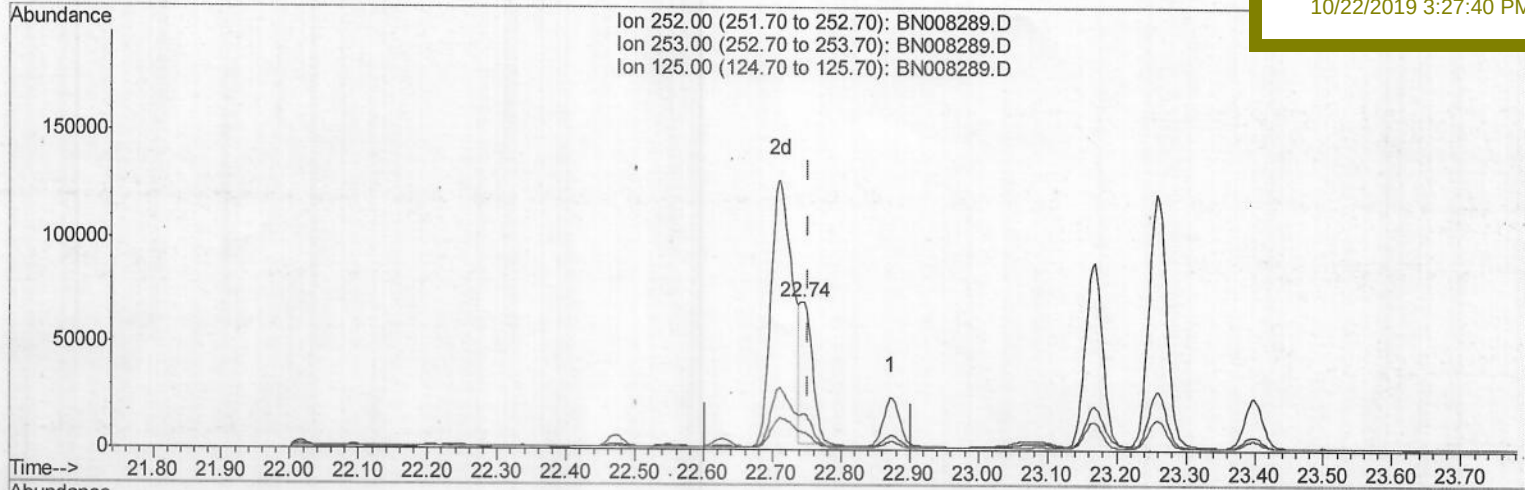
BEPF4DL

Manual Integrations

APPROVED

mohammad

10/22/2019 3:27:40 PM



TIC: BN008289.D

(22) Benzo(k)fluoranthene

22.744min (-0.009) 1.68ng/ul m

JU 10/23/19

response 85190

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	23.71
125.00	15.40	11.80#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN102119\
 Data File : BN008289.D
 Acq On : 21 Oct 2019 18:51
 Operator : JU
 Sample : K5178-11DL 5X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BEPF4DL

Quant Time: Oct 22 00:20:53 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

Manual Integrations
 APPROVED

mohammad
 10/22/2019 3:27:40 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	2118	0.40	ng/ul	0.00
2) Naphthalene-d8	10.35	136	10055	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.22	164	6372	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.97	188	13685	0.40	ng/ul	0.00
16) Chrysene-d12	21.18	240	13683	0.40	ng/ul	0.00
20) Perylene-d12	23.35	264	13720	0.40	ng/ul	0.00

System Monitoring Compounds

4) 2-Methylnaphthalene-d10	11.96	152	859	0.05	ng/ul	0.00
14) Fluoranthene-d10	19.00	212	3118	0.07	ng/ul	0.00

Target Compounds

						Ovalue
3) Naphthalene	10.40	128	4389	0.153	ng/ul	97
5) 2-Methylnaphthalene	12.03	142	3170	0.161	ng/ul	99
7) Acenaphthylene	13.94	152	9271	0.305	ng/ul	98
8) Acenaphthene	14.28	153	8778	0.372	ng/ul	98
9) Fluorene	15.28	166	8778	0.328	ng/ul	97
11) Pentachlorophenol	16.64	266	113	0.034	ng/ul	96
12) Phenanthrene	17.01	178	223127	5.569	ng/ul	98
13) Anthracene	17.10	178	41005	1.163	ng/ul	99
15) Fluoranthene	19.04	202	377050	7.125	ng/ul	98
17) Pyrene	19.40	202	468841	8.606	ng/ul	99
18) Benzo(a)anthracene	21.16	228	273481	5.497	ng/ul	98
19) Chrysene	21.21	228	286472	4.692	ng/ul	99
21) Benzo(b)fluoranthene	22.71	252	274697m	6.150	ng/ul	99
22) Benzo(k)fluoranthene	22.74	252	85190m	1.684	ng/ul	99
23) Benzo(a)pyrene	23.26	252	216572	4.608	ng/ul#	84
24) Indeno(1,2,3-cd)pyrene	25.51	276	101176	1.828	ng/ul#	97
25) Dibenzo(a,h)anthracene	25.51	278	30819	0.704	ng/ul	99
26) Benzo(a,h,i)perylene	26.16	276	103231	2.034	ng/ul	98

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

JU 10/23/19