

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122819\
Data File : BN009235.D
Acq On : 28 Dec 2019 19:17
Operator : JU
Sample : K6278-21
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Dec 29 05:08:10 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN121619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Dec 29 04:38:59 2019
Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

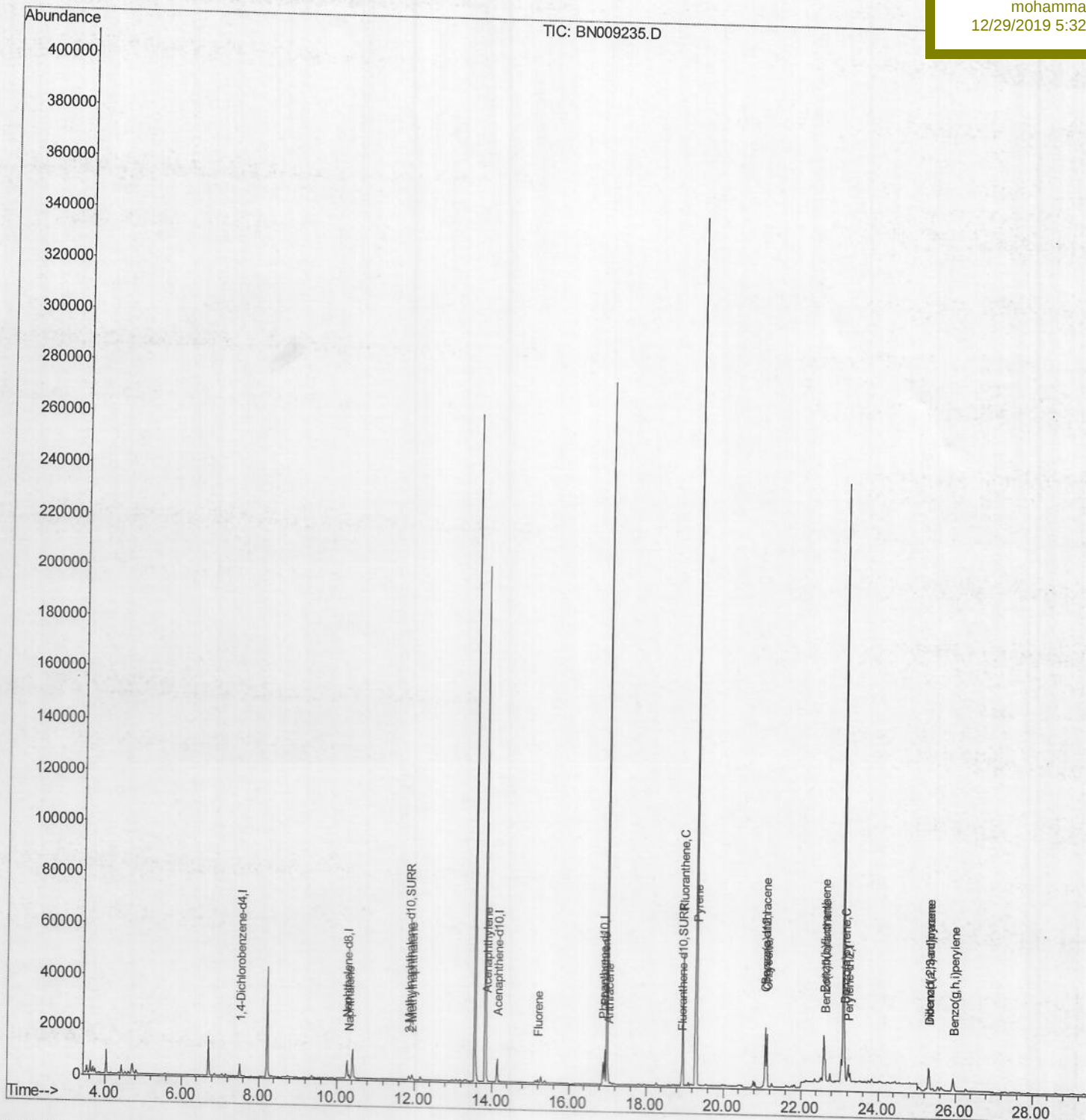
C0C85

Manual Integrations

APPROVED

mohammad

12/29/2019 5:32:53 PM



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122819\

Data File : BN009235.D

Acq On : 28 Dec 2019 19:17

Operator : JU

Sample : K6278-21

Misc :

ALS Vial : 18 Sample Multiplier: 1

Quant Time: Dec 29 04:43:39 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN121619.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Sun Dec 29 04:38:59 2019

Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

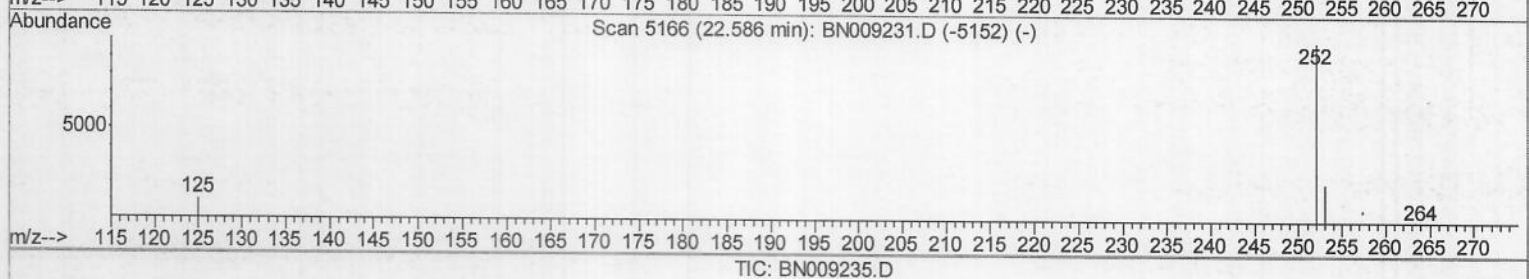
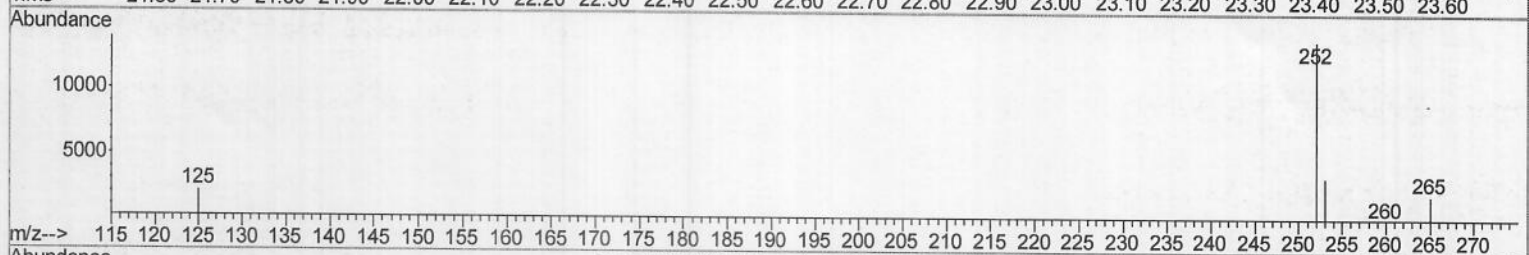
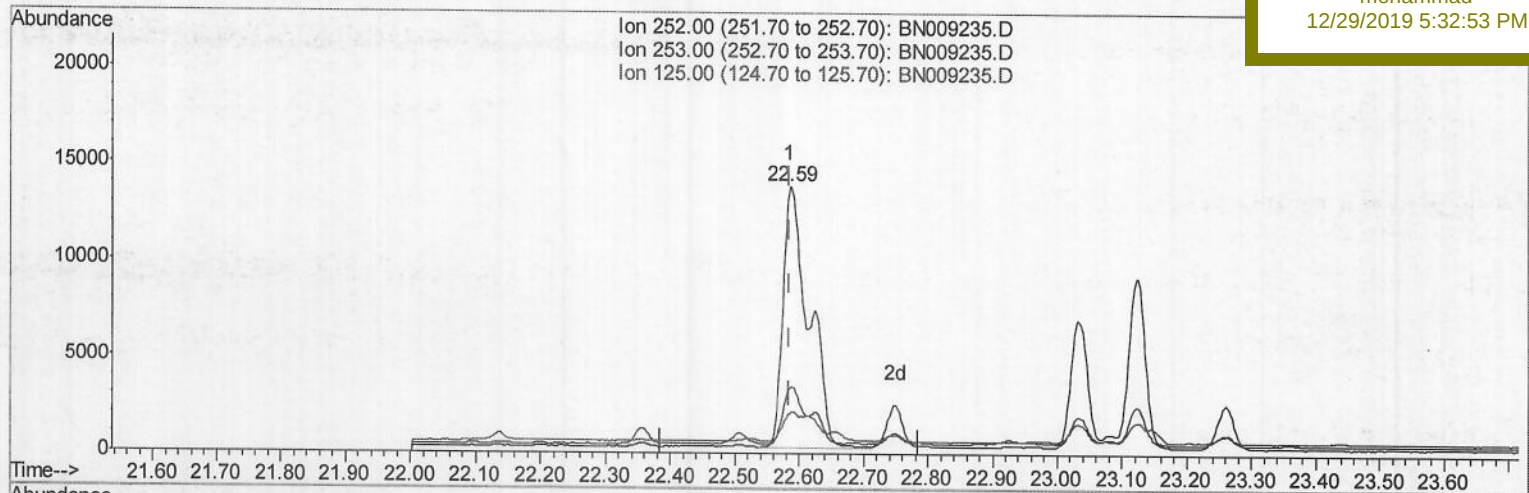
C0C85

Manual Integrations

APPROVED

mohammad

12/29/2019 5:32:53 PM



(21) Benzo(b)fluoranthene

22.586min (+0.000) 1.03ng/ul

response 37706

Ion	Exp%	Act%
252.00	100	100
253.00	24.10	24.74
125.00	15.00	15.04
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122819\

Data File : BN009235.D

Acq On : 28 Dec 2019 19:17

Operator : JU

Sample : K6278-21

Misc :

ALS Vial : 18 Sample Multiplier: 1

Quant Time: Dec 29 04:43:39 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN121619.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Sun Dec 29 04:38:59 2019

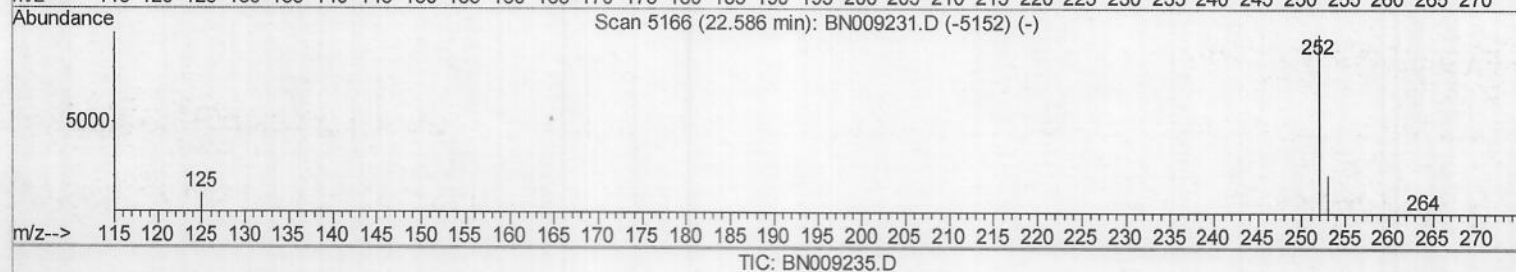
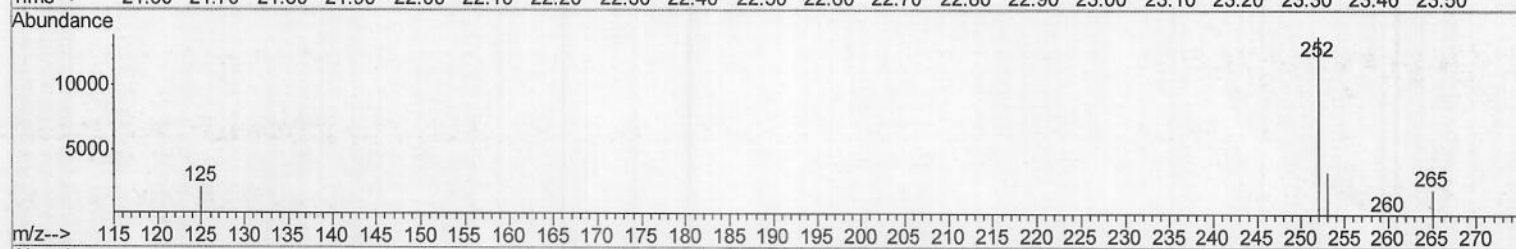
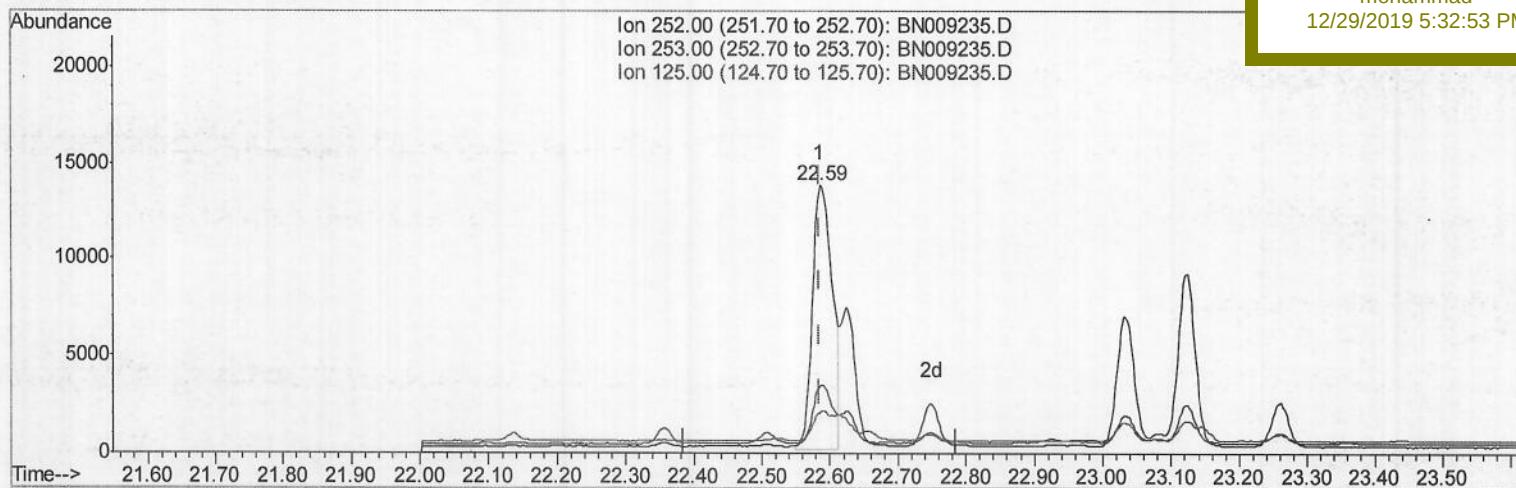
Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

C0C85

Manual Integrations
APPROVEDmohammad
12/29/2019 5:32:53 PM

(21) Benzo(b)fluoranthene

22.586min (+0.000) 0.75ng/ul m

JU 12/30/19

response 27366

Ion	Exp%	Act%
252.00	100	100
253.00	24.10	24.74
125.00	15.00	15.04
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122819\

Data File : BN009235.D

Acq On : 28 Dec 2019 19:17

Operator : JU

Sample : K6278-21

Misc :

ALS Vial : 18 Sample Multiplier: 1

Quant Time: Dec 29 04:43:39 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN121619.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Sun Dec 29 04:38:59 2019

Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

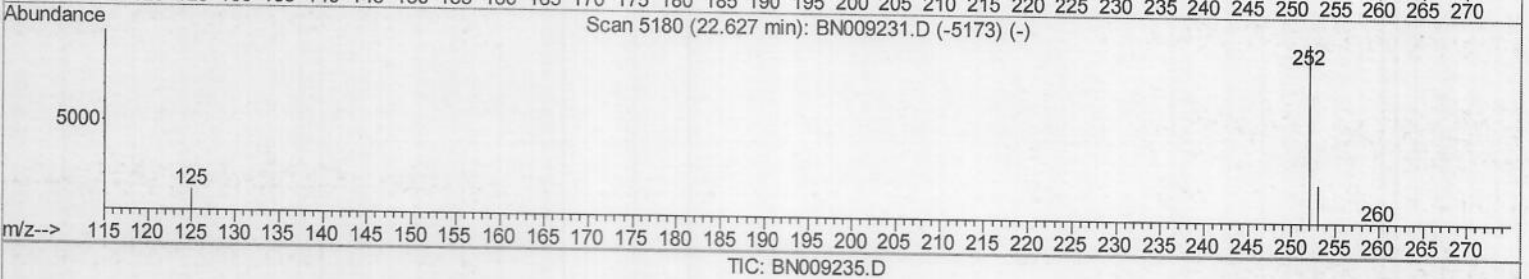
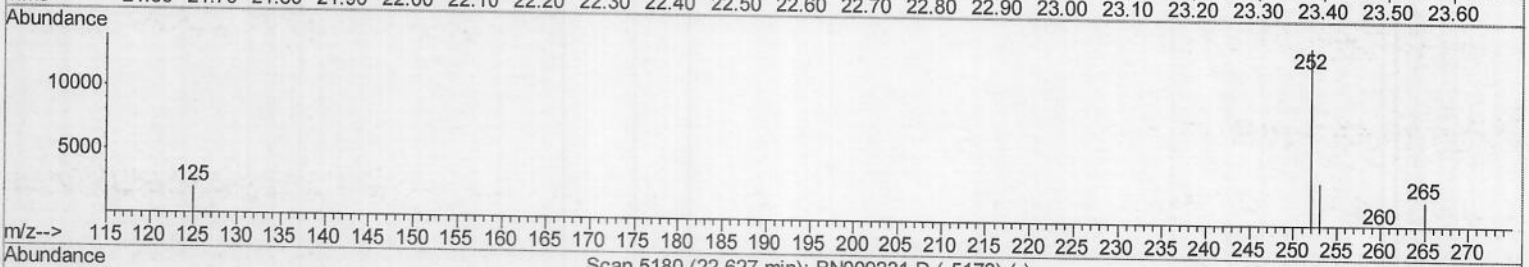
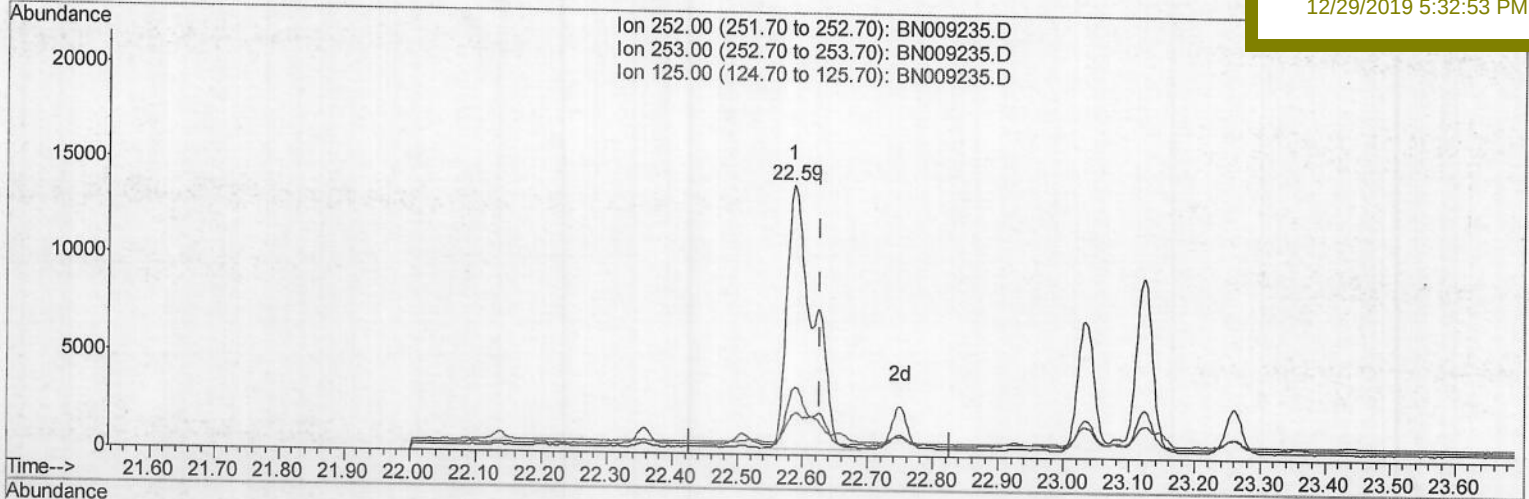
C0C85

Manual Integrations

APPROVED

mohammad

12/29/2019 5:32:53 PM



(22) Benzo(k)fluoranthene

22.586min (-0.041) 1.02ng/ui

response 37627

Ion	Exp%	Act%
252.00	100	100
253.00	24.20	24.74
125.00	15.50	15.04
0.00	0.00	0.00

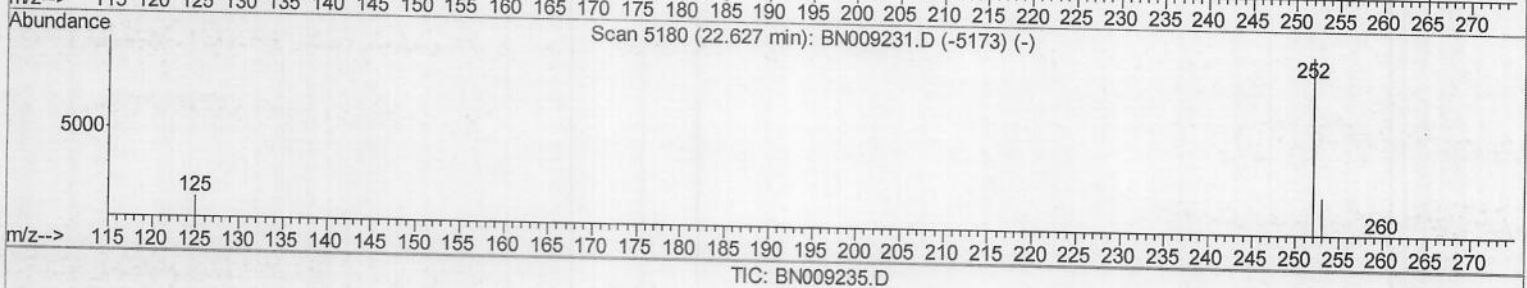
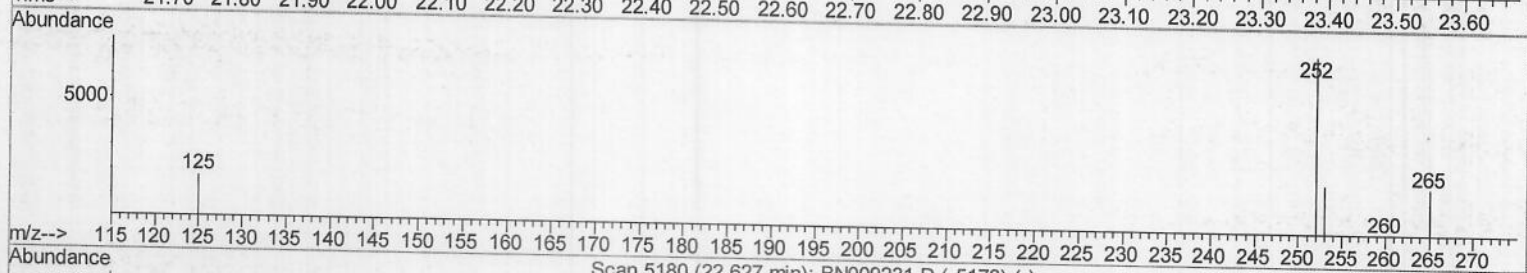
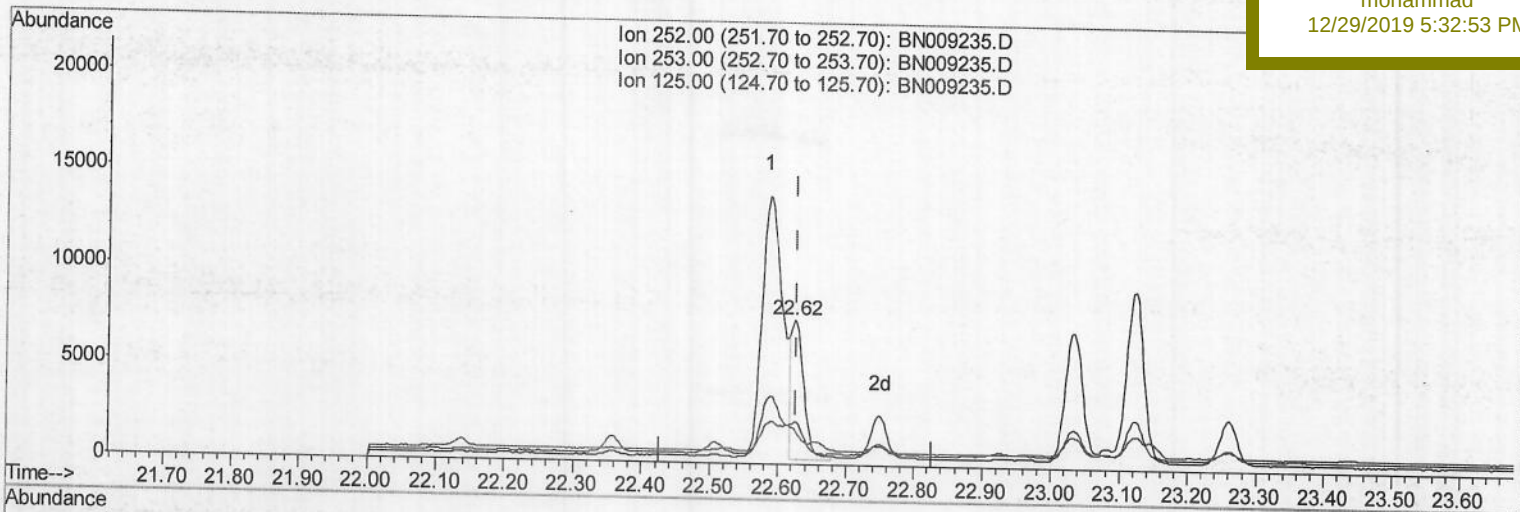
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122819\
Data File : BN009235.D
Acq On : 28 Dec 2019 19:17
Operator : JU
Sample : K6278-21
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Dec 29 04:43:39 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN121619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Dec 29 04:38:59 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0C85

Manual Integrations
APPROVED

mohammad
12/29/2019 5:32:53 PM



(22) Benzo(k)fluoranthene

22.624min (-0.003) 0.24ng/ul m > JU 12/30/19

response 8857

Ion	Exp%	Act%
252.00	100	100
253.00	24.20	28.59
125.00	15.50	23.87#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122819\
 Data File : BN009235.D
 Acq On : 28 Dec 2019 19:17
 Operator : JU
 Sample : K6278-21
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0C85

Quant Time: Dec 29 05:08:10 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN121619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Dec 29 04:38:59 2019
 Response via : Initial Calibration

Manual Integrations
 APPROVED

mohammad
 12/29/2019 5:32:53 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	2227	0.40	ng/ul	0.00
2) Naphthalene-d8	10.26	136	8298	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.14	164	4645	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.89	188	9702	0.40	ng/ul	0.00
16) Chrysene-d12	21.09	240	7780	0.40	ng/ul	0.00
20) Perylene-d12	23.21	264	7829	0.40	ng/ul	0.00

System Monitoring Compounds

4) 2-Methylnaphthalene-d10	11.86	152	1746	0.12	ng/ul	0.00
14) Fluoranthene-d10	18.92	212	4192	0.15	ng/ul	0.00

Target Compounds

	R.T.	QIon	Response	Conc	Units	Ovalue
3) Naphthalene	10.31	128	1747	0.069	ng/ul#	90
5) 2-Methylnaphthalene	11.93	142	1344	0.071	ng/ul	99
7) Acenaphthylene	13.86	152	2875	0.118	ng/ul#	94
9) Fluorene	15.19	166	584	0.026	ng/ul#	90
12) Phenanthrene	16.93	178	14516	0.430	ng/ul	99
13) Anthracene	17.02	178	3312	0.109	ng/ul	96
15) Fluoranthene	18.95	202	42117	1.091	ng/ul	99
17) Pyrene	19.32	202	33380	0.841	ng/ul	99
18) Benzo(a)anthracene	21.07	228	18524	0.536	ng/ul	96
19) Chrysene	21.12	228	20588	0.593	ng/ul	96
21) Benzo(b)fluoranthene	22.59	252	27366m	0.749	ng/ul	96
22) Benzo(k)fluoranthene	22.62	252	8857m	0.240	ng/ul	96
23) Benzo(a)pyrene	23.12	252	15593	0.487	ng/ul	97
24) Indeno(1,2,3-cd)pyrene	25.30	276	12144	0.348	ng/ul#	86
25) Dibenzo(a,h)anthracene	25.31	278	3090	0.111	ng/ul#	72
26) Benzo(a,h,i)perylene	25.94	276	8972	0.305	ng/ul	97

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

JU 12/30/19