

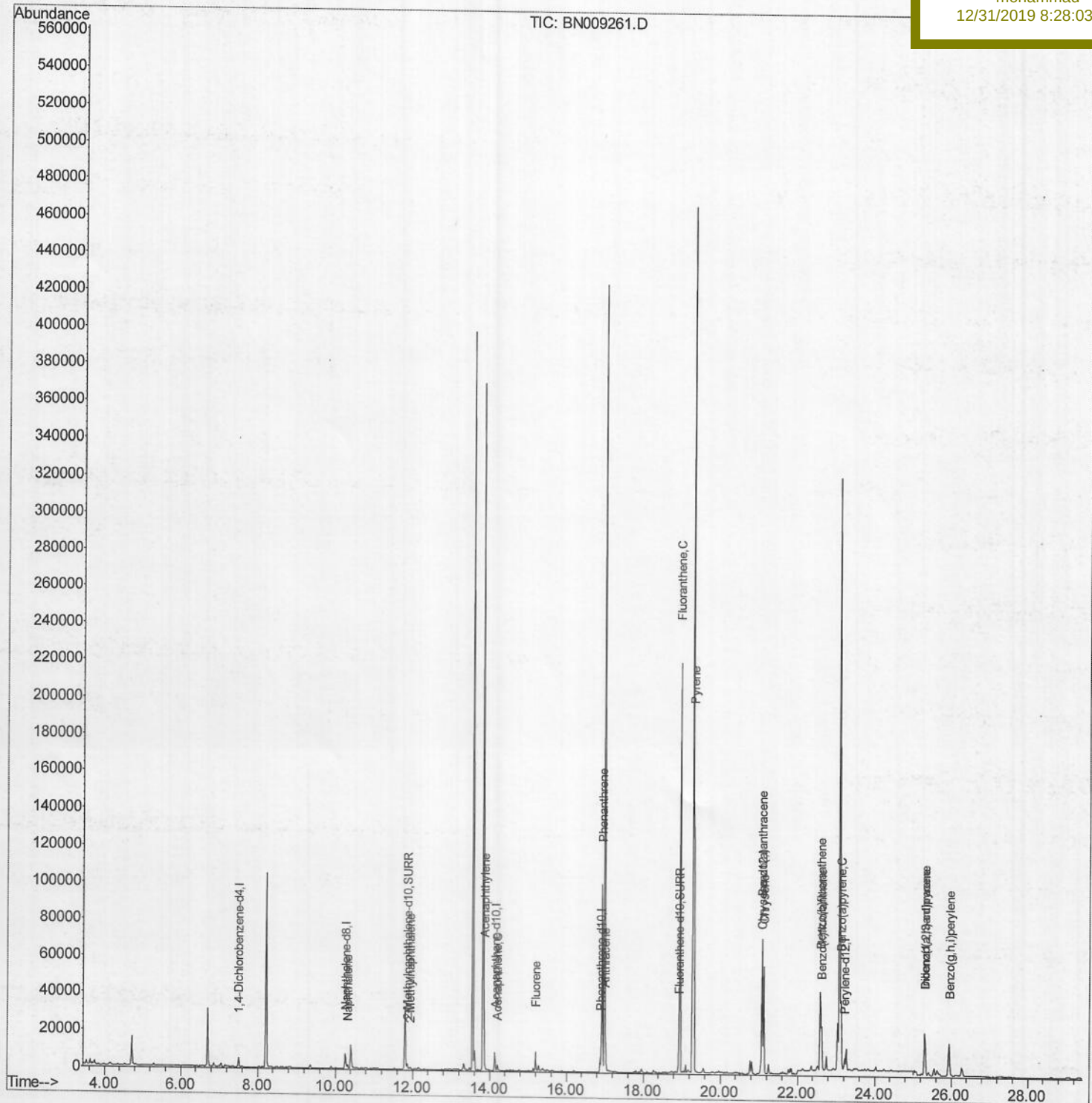
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN123019\
Data File : BN009261.D
Acq On : 30 Dec 2019 15:55
Operator : JU
Sample : K6322-11
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Dec 30 16:38:32 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 : Mon Dec 30 11:05:47 2019
Response via : Initial Calibration

Instrument :
BNA_N
Client Sample ID :
C0C95

Manual Integrations
APPROVED

mohammad
12/31/2019 8:28:03 AM



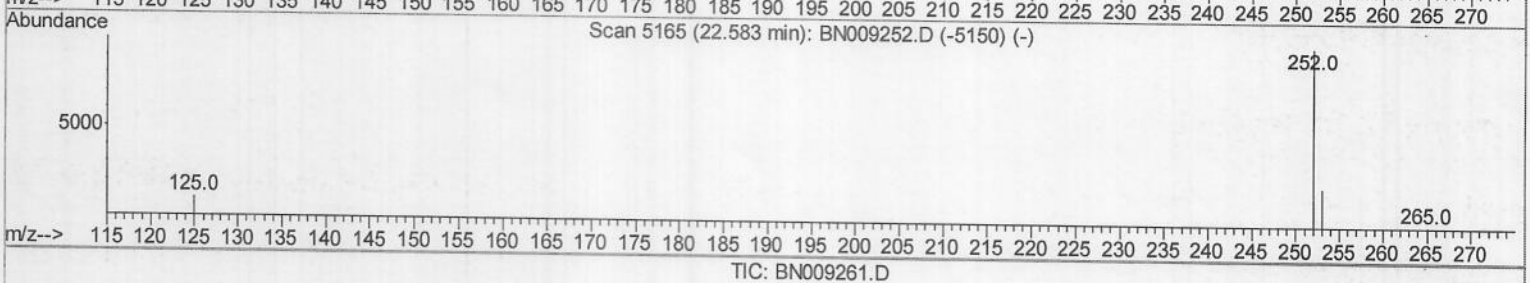
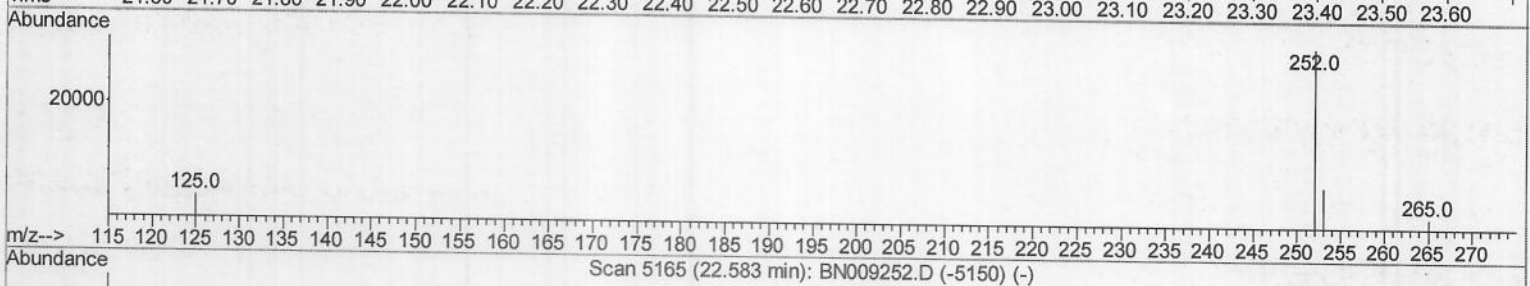
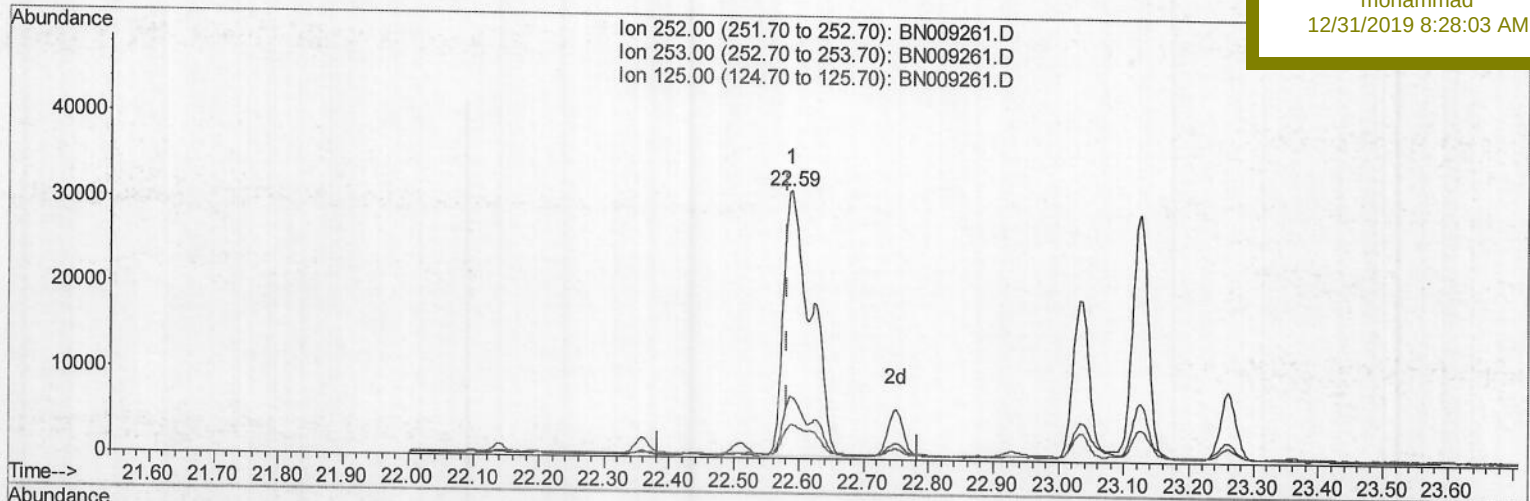
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN123019\
Data File : BN009261.D
Acq On : 30 Dec 2019 15:55
Operator : JU
Sample : K6322-11
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Dec 30 16:37:04 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 : Mon Dec 30 11:05:47 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0C95

Manual Integrations
APPROVED

mohammad
12/31/2019 8:28:03 AM



(21) Benzo(b)fluoranthene
22.589min (+0.006) 2.75ng/ul
response 90868

Ion	Exp%	Act%
252.00	100	100
253.00	24.10	22.97
125.00	15.00	12.62
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN123019\
Data File : BN009261.D
Acq On : 30 Dec 2019 15:55
Operator : JU
Sample : K6322-11
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Dec 30 16:37:04 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 : Mon Dec 30 11:05:47 2019
Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

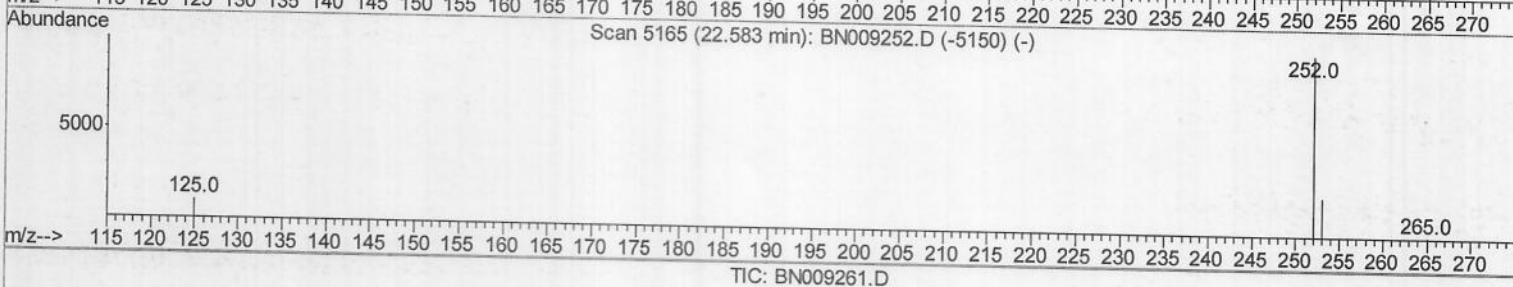
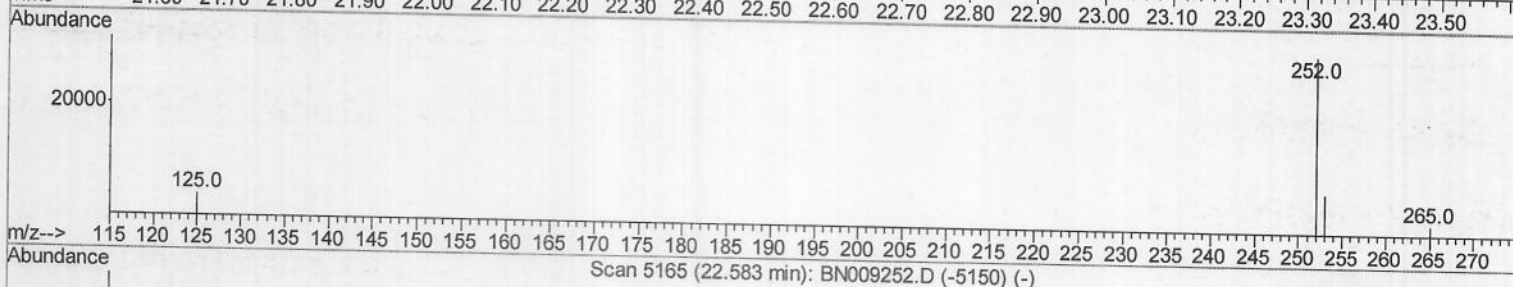
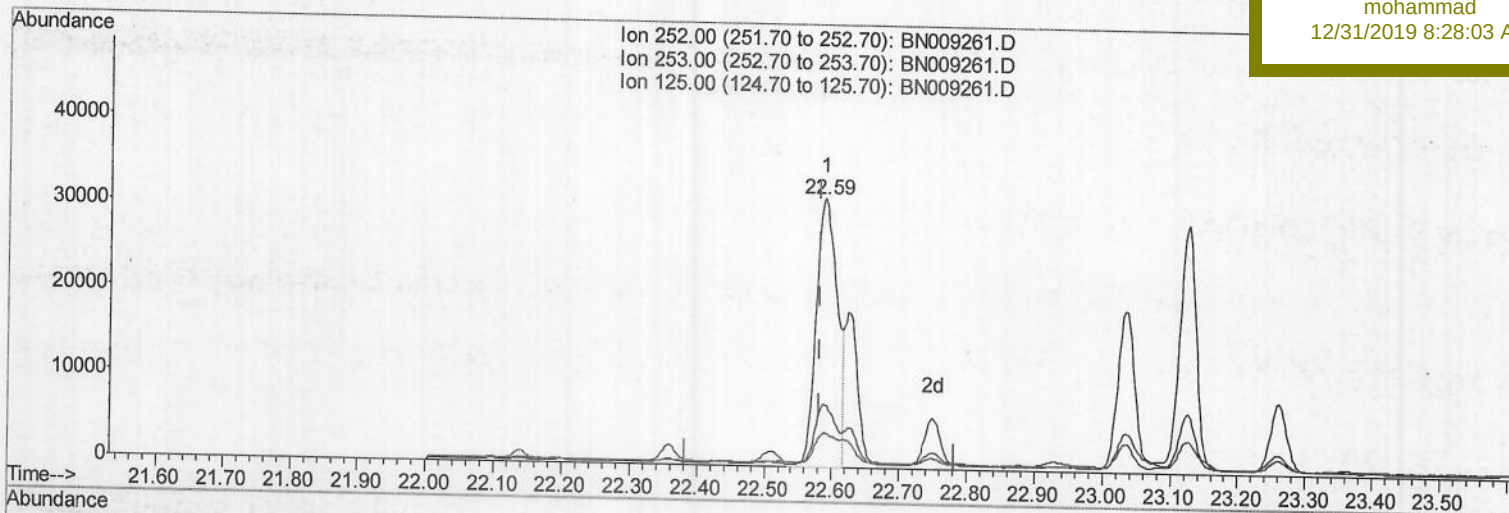
C0C95

Manual Integrations

APPROVED

mohammad

12/31/2019 8:28:03 AM



(21) Benzo(b)fluoranthene

22.589min (+0.006) 2.04ng/ui m

> JU 12/30/19

response 67648

Ion	Exp%	Act%
252.00	100	100
253.00	24.10	22.97
125.00	15.00	12.62
0.00	0.00	0.00

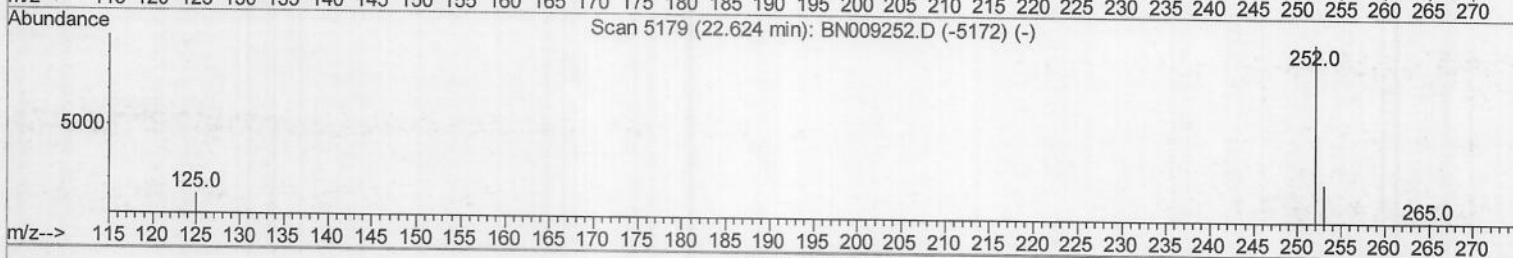
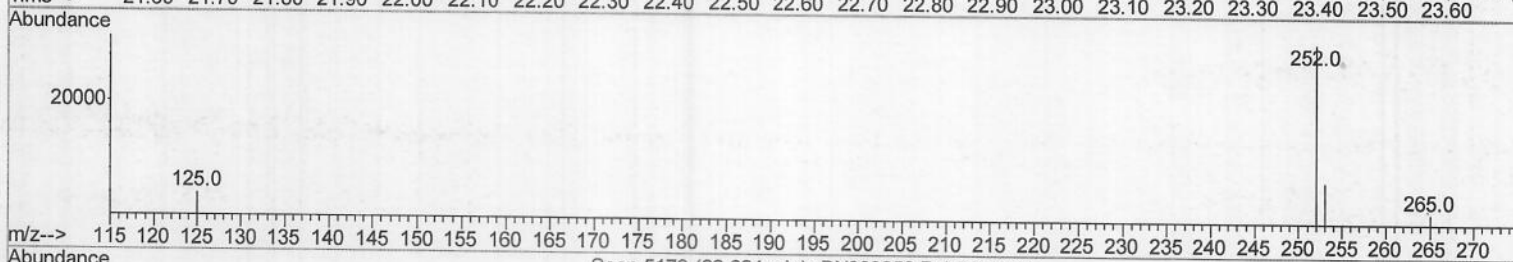
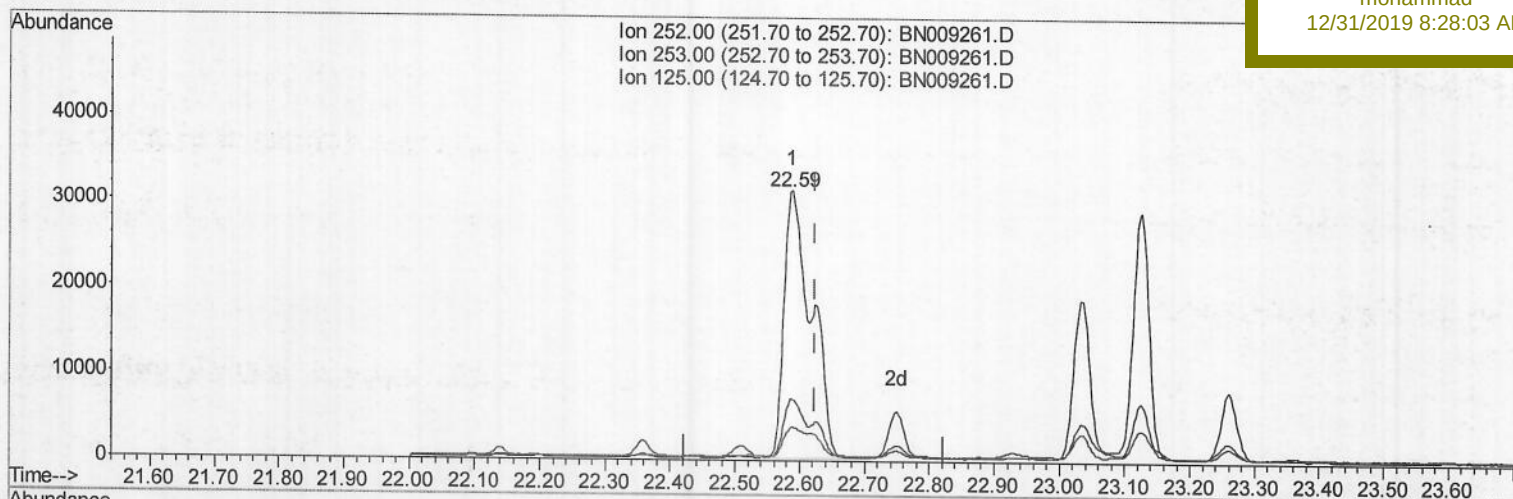
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN123019\
Data File : BN009261.D
Acq On : 30 Dec 2019 15:55
Operator : JU
Sample : K6322-11
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Dec 30 16:37:04 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 : Mon Dec 30 11:05:47 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0C95

Manual Integrations
APPROVED

mohammad
12/31/2019 8:28:03 AM



TIC: BN009261.D

(22) Benzo(k)fluoranthene
22.589min (-0.035) 2.72ng/ul
response 90868
Ion Exp% Act%
252.00 100 100
253.00 24.20 22.97
125.00 15.50 12.62
0.00 0.00 0.00

Quantitation Report (Qedit)

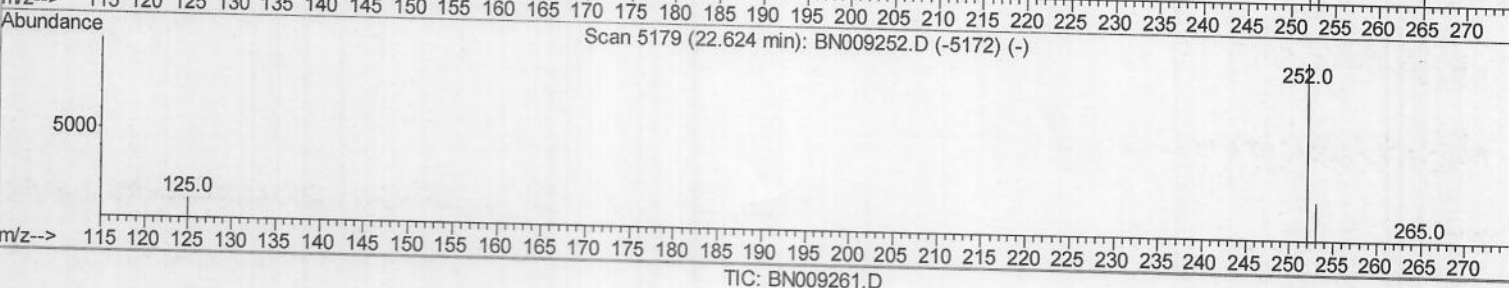
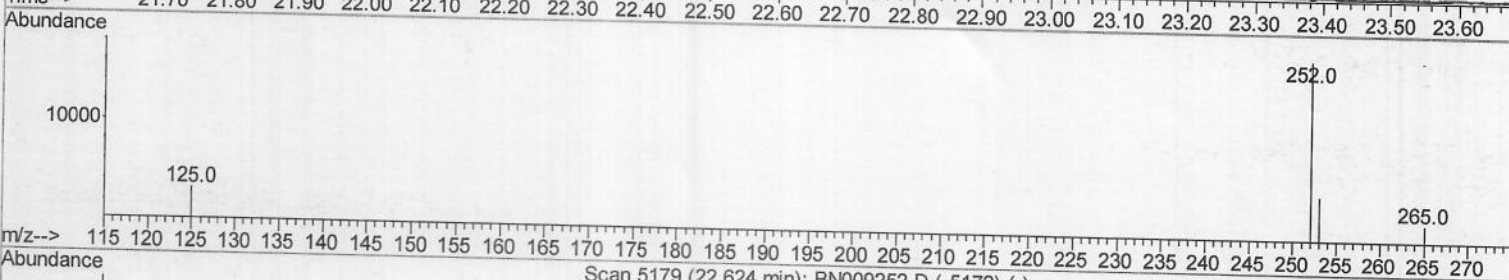
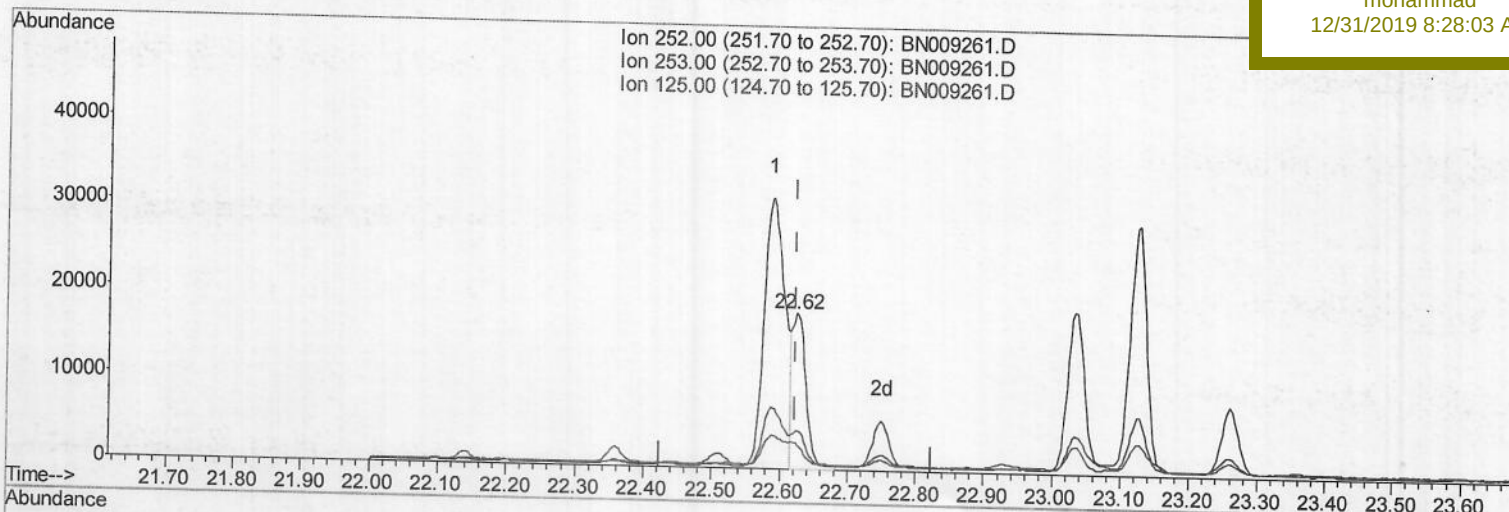
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN123019\
 Data File : BN009261.D
 Acq On : 30 Dec 2019 15:55
 Operator : JU
 Sample : K6322-11
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Quant Time: Dec 30 16:37:04 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 : Mon Dec 30 11:05:47 2019
 Response via : Initial Calibration

Instrument :
 BNA_N
 ClientSampleId :
 C0C95

Manual Integrations
 APPROVED

mohammad
 12/31/2019 8:28:03 AM



(22) Benzo(k)fluoranthene

22.624min (+0.000) 0.78ng/ul m > JU 12/30/19

response 25988

Ion	Exp%	Act%
252.00	100	100
253.00	24.20	25.13
125.00	15.50	17.25
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\Data\BN123019\
 Data File : BN009261.D
 Acq On : 30 Dec 2019 15:55
 Operator : JU
 Sample : K6322-11
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 Client Sampled :
 C0C95

Quant Time: Dec 30 16:38:32 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 : Mon Dec 30 11:05:47 2019
 Response via : Initial Calibration

Manual Integrations
 APPROVED

mohammad
 12/31/2019 8:28:03 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	2522	0.40	ng/ul	0.00
2) Naphthalene-d8	10.26	136	9350	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.13	164	5191	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.89	188	10080	0.40	ng/ul	0.00
16) Chrysene-d12	21.09	240	7050	0.40	ng/ul	0.00
20) Perylene-d12	23.22	264	7086	0.40	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	11.86	152	3165	0.19	ng/ul	0.00
14) Fluoranthene-d10	18.92	212	5644	0.19	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Naphthalene	10.31	128	2028	0.072	ng/ul#	91
5) 2-Methylnaphthalene	11.93	142	652	0.030	ng/ul	98
7) Acenaphthylene	13.85	152	8607	0.316	ng/ul	98
8) Acenaphthene	14.20	153	1803	0.084	ng/ul	99
9) Fluorene	15.19	166	6416	0.254	ng/ul	97
12) Phenanthrene	16.92	178	101601	2.899	ng/ul	100
13) Anthracene	17.02	178	18547	0.590	ng/ul	100
15) Fluoranthene	18.95	202	178542	4.454	ng/ul	99
17) Pyrene	19.32	202	140071	3.894	ng/ul	98
18) Benzo(a)anthracene	21.07	228	57872	1.849	ng/ul	98
19) Chrysene	21.12	228	52814	1.679	ng/ul	97
21) Benzo(b)fluoranthene	22.59	252	67648m	2.045	ng/ul	97
22) Benzo(k)fluoranthene	22.62	252	25988m	0.779	ng/ul	94
23) Benzo(a)pyrene	23.13	252	48526	1.674	ng/ul#	94
24) Indeno(1,2,3-cd)pyrene	25.31	276	32356	1.025	ng/ul#	88
25) Dibenzo(a,h)anthracene	25.31	278	7105	0.283	ng/ul	93
26) Benzo(a,h,i)perylene	25.94	276	32354	1.216	ng/ul	97

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

JU 12/30/19