

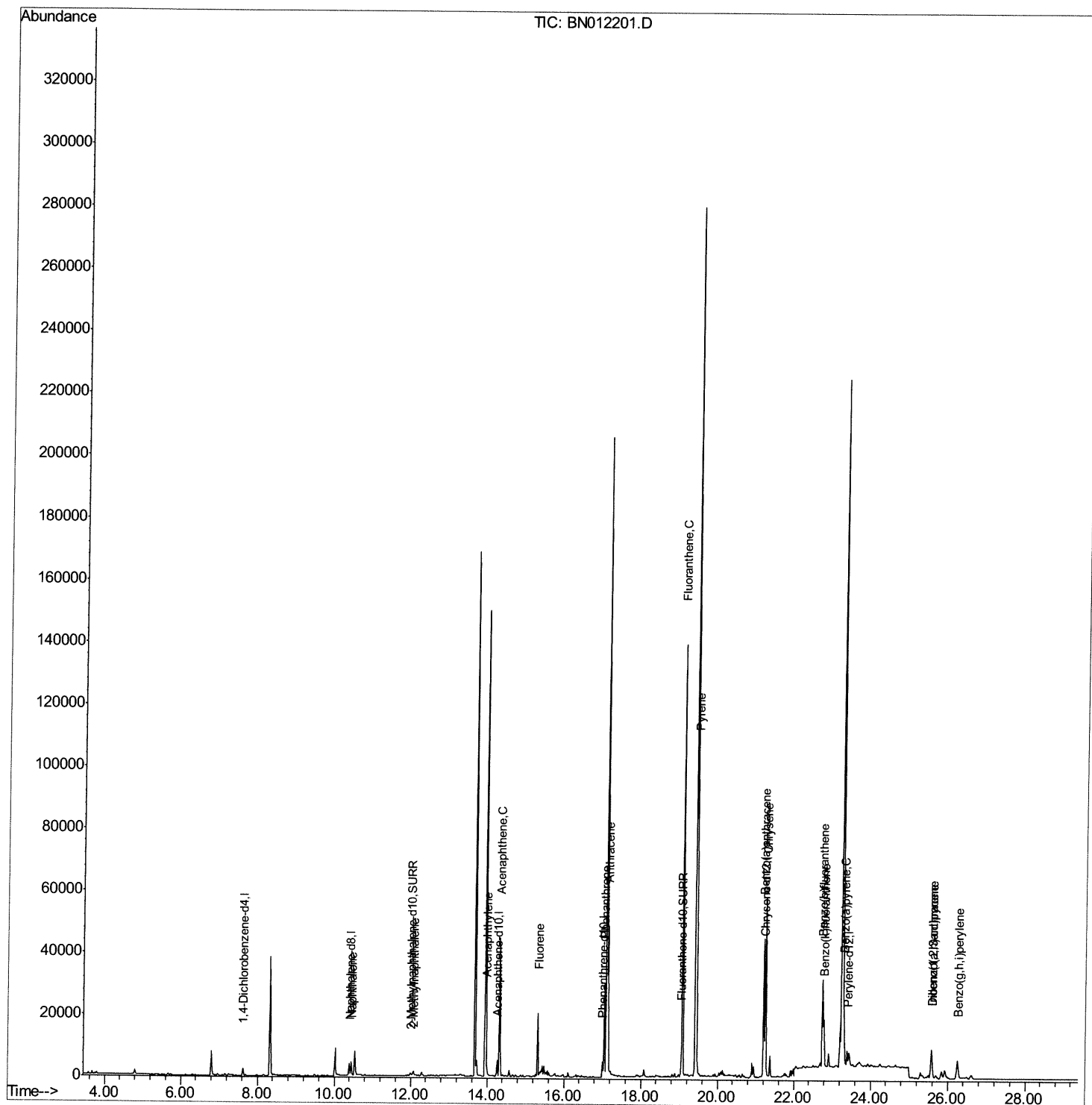
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101420\
Data File : BN012201.D
Acq On : 14 Oct 2020 19:07
Operator : CG/JU
Sample : L4166-11
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AE4

Manual Integrations
APPROVED

mohammad
10/15/2020 8:20:51 AM

Quant Time: Oct 15 00:58:18 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 15 00:46:15 2020
Response via : Initial Calibration



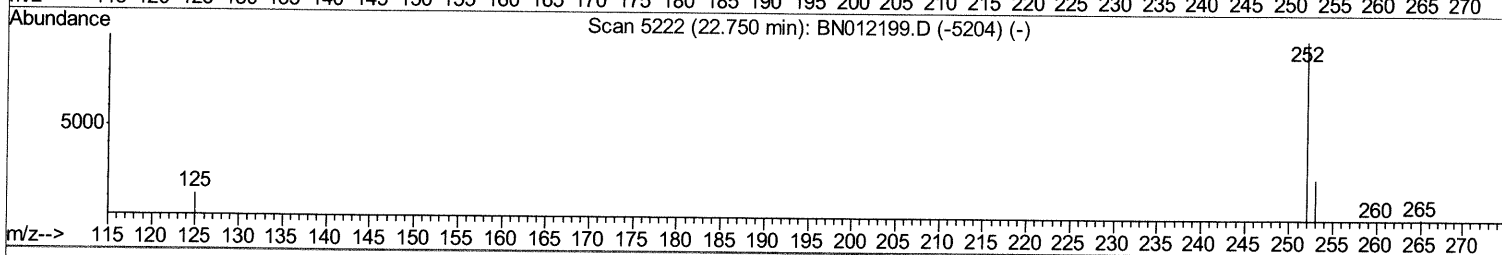
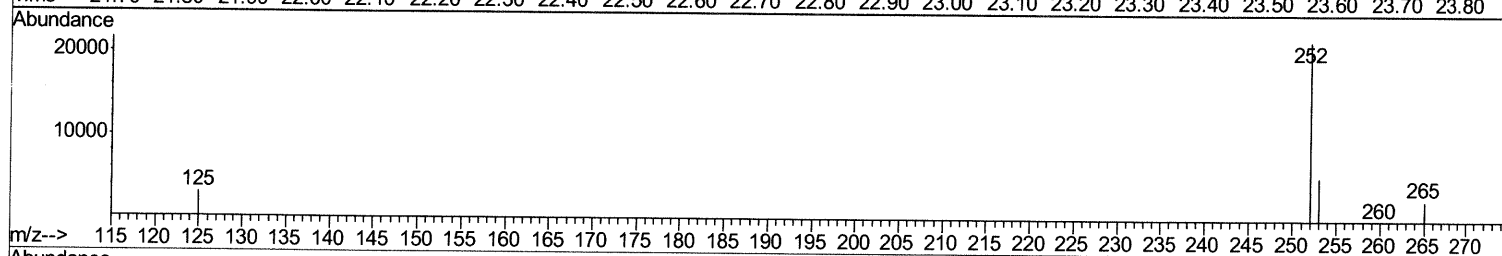
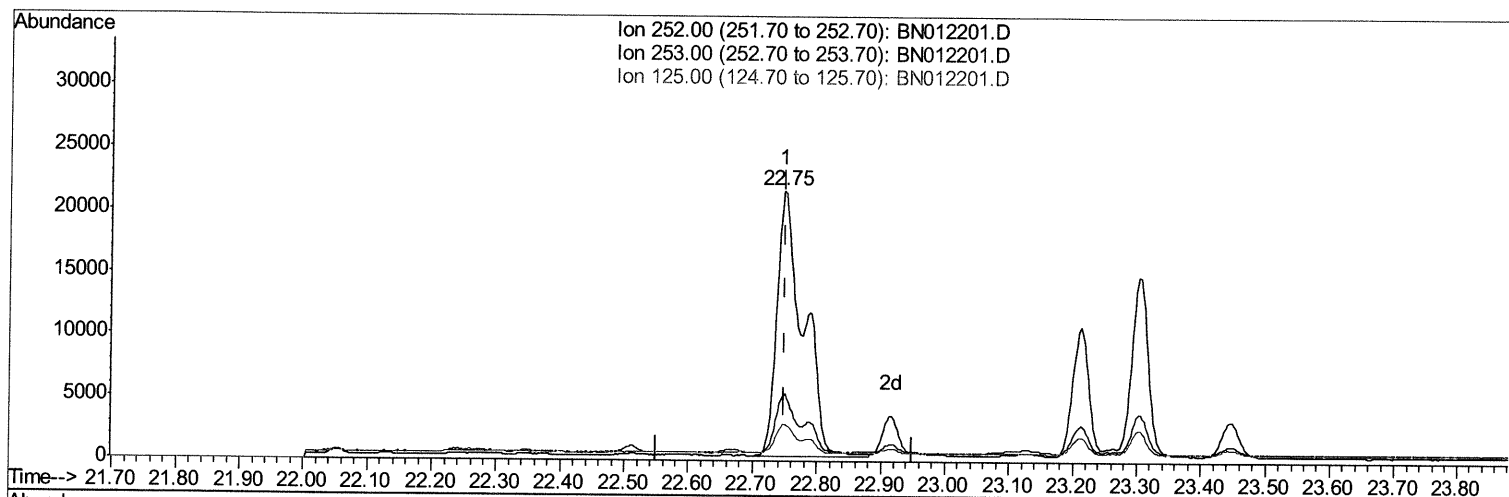
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101420\
Data File : BN012201.D
Acq On : 14 Oct 2020 19:07
Operator : CG/JU
Sample : L4166-11
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AE4

Manual Integrations
APPROVED

mohammad
10/15/2020 8:20:51 AM

Quant Time: Oct 15 00:53:33 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 15 00:46:15 2020
Response via : Initial Calibration



TIC: BN012201.D

(21) Benzo(b)fluoranthene

22.747min (-0.003) 2.51ng/ul

response 61018

Ion	Exp%	Act%
252.00	100	100
253.00	30.80	24.26
125.00	18.40	13.77
0.00	0.00	0.00

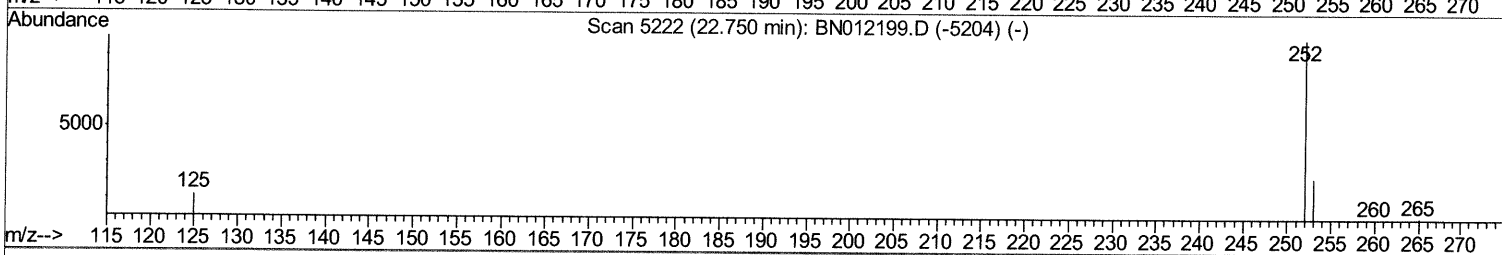
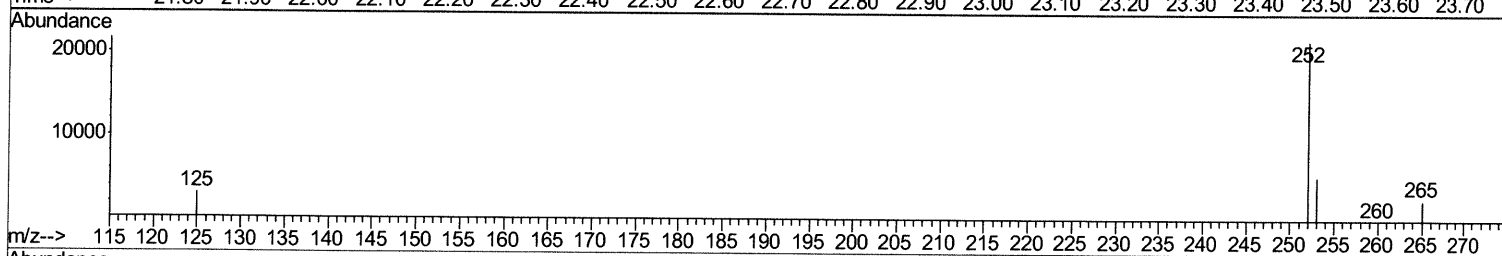
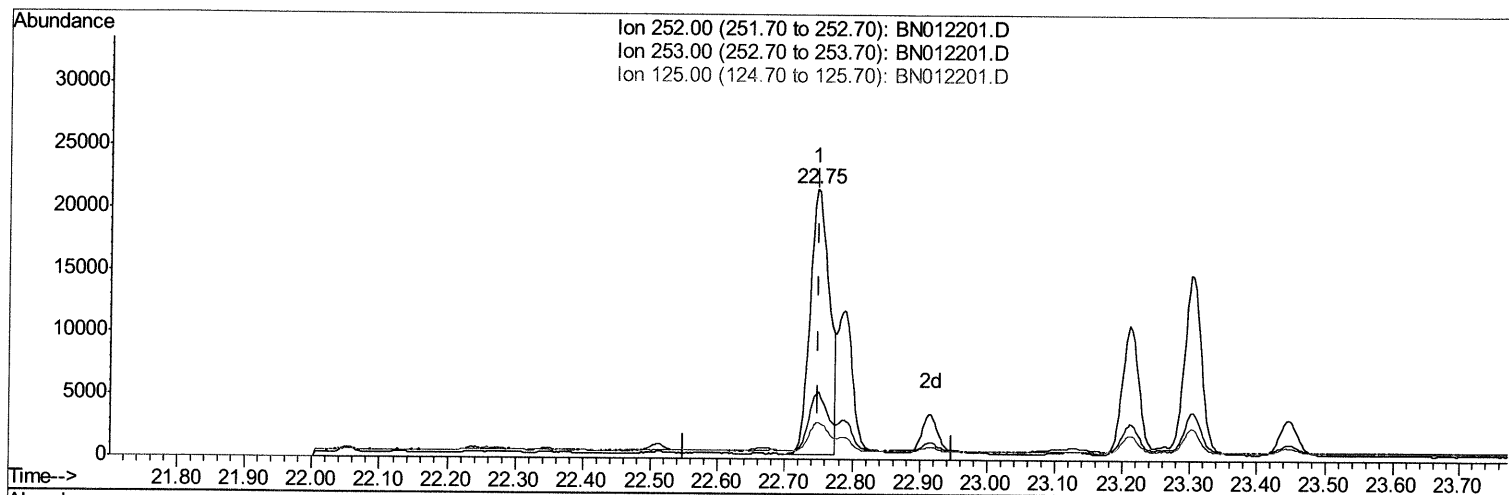
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101420\
Data File : BN012201.D
Acq On : 14 Oct 2020 19:07
Operator : CG/JU
Sample : L4166-11
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AE4

Manual Integrations
APPROVED

mohammad
10/15/2020 8:20:51 AM

Quant Time: Oct 15 00:53:33 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 15 00:46:15 2020
Response via : Initial Calibration



TIC: BN012201.D

(21) Benzo(b)fluoranthene

22.747min (-0.003) 1.72ng/ul m

response 41825

ju 10/15/20

Ion	Exp%	Act%
252.00	100	100
253.00	30.80	24.26
125.00	18.40	13.77
0.00	0.00	0.00

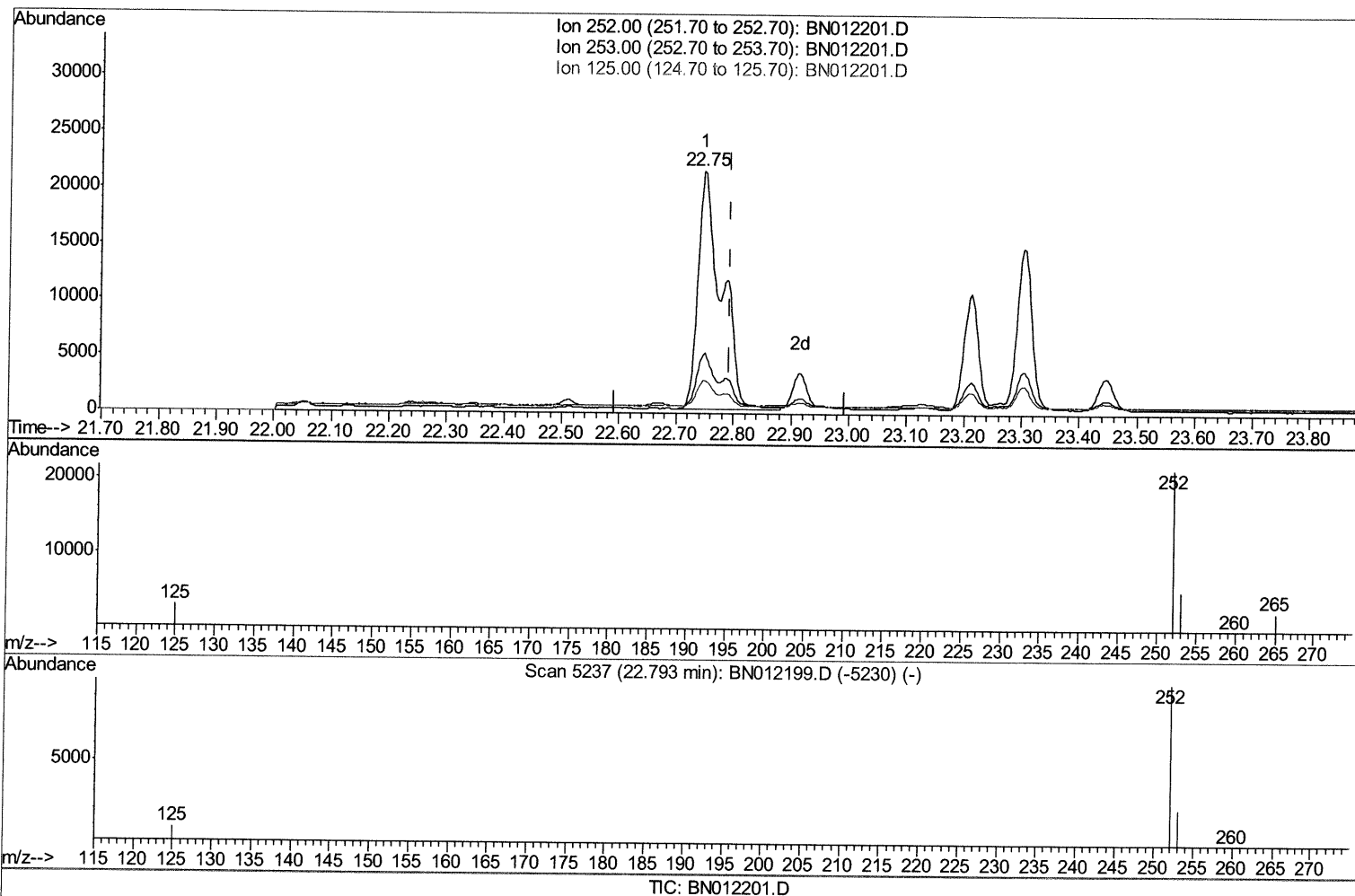
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101420\
Data File : BN012201.D
Acq On : 14 Oct 2020 19:07
Operator : CG/JU
Sample : L4166-11
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AE4

Manual Integrations
APPROVED

mohammad
10/15/2020 8:20:51 AM

Quant Time: Oct 15 00:53:33 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 15 00:46:15 2020
Response via : Initial Calibration



(22) Benzo(k)fluoranthene

22.747min (-0.047) 2.27ng/ul

response 61018

Ion	Exp%	Act%
252.00	100	100
253.00	30.50	24.26#
125.00	16.10	13.77
0.00	0.00	0.00

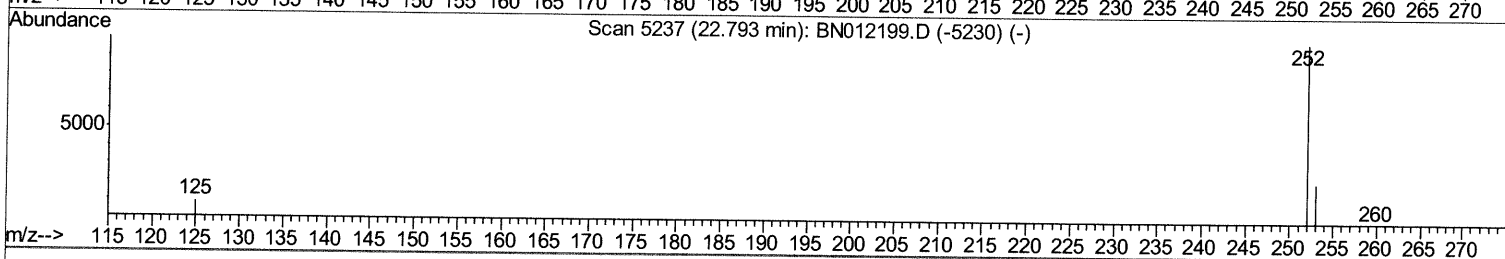
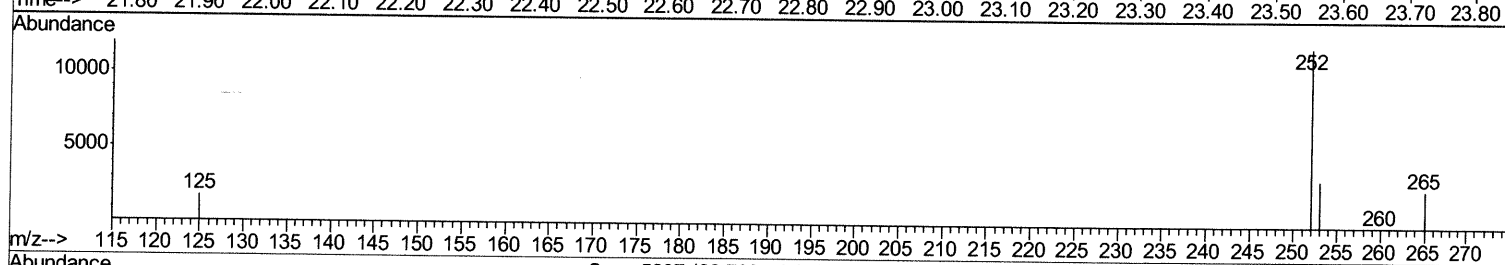
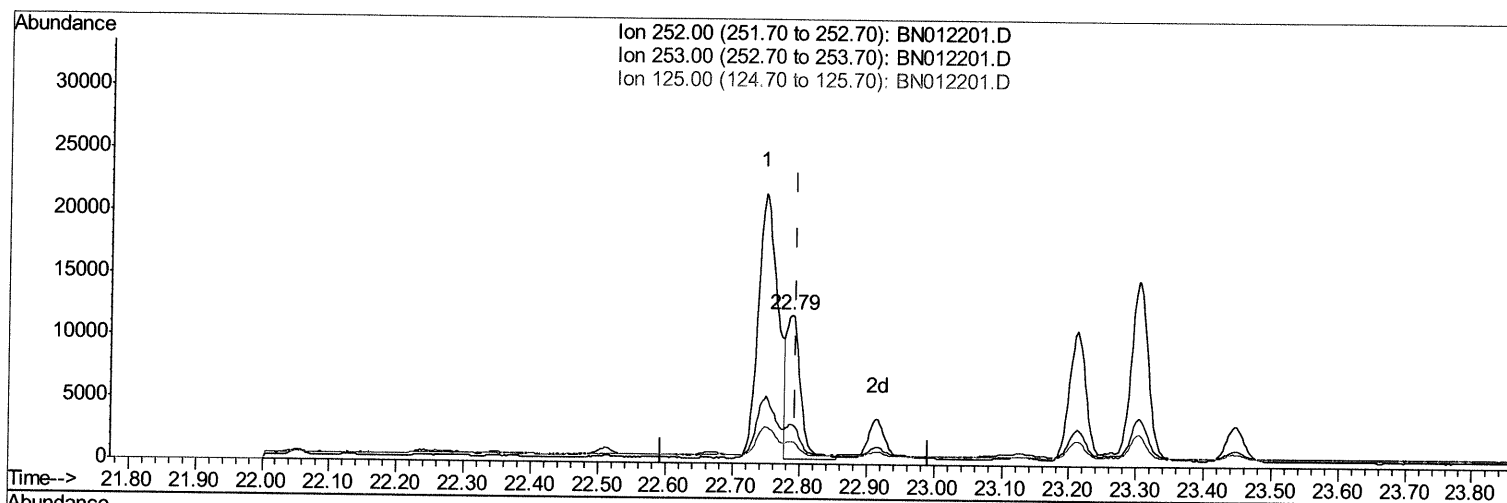
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101420\
Data File : BN012201.D
Acq On : 14 Oct 2020 19:07
Operator : CG/JU
Sample : L4166-11
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AE4

Manual Integrations
APPROVED

mohammad
10/15/2020 8:20:51 AM

Quant Time: Oct 15 00:53:33 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 15 00:46:15 2020
Response via : Initial Calibration



TIC: BN012201.D

(22) Benzo(k)fluoranthene

22.788min (-0.006) 0.64ng/ul m

response 17237

04 10/15/20

Ion	Exp%	Act%
252.00	100	100
253.00	30.50	26.77
125.00	16.10	14.88
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101420\
 Data File : BN012201.D
 Acq On : 14 Oct 2020 19:07
 Operator : CG/JU
 Sample : L4166-11
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AE4

Manual Integrations
 APPROVED

mohammad
 10/15/2020 8:20:51 AM

Quant Time: Oct 15 00:58:18 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 15 00:46:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	1151	0.40	ng/ul	0.00
2) Naphthalene-d8	10.39	136	4663	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.26	164	2759	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.01	188	5817	0.40	ng/ul	0.00
16) Chrysene-d12	21.21	240	5618	0.40	ng/ul	0.00
20) Perylene-d12	23.40	264	6016	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.00	152	1161	0.17	ng/ul	0.00
14) Fluoranthene-d10	19.05	212	2875	0.18	ng/ul	0.00
Target Compounds						
					Ovalue	
3) Naphthalene	10.44	128	5558	0.413	ng/ul	99
5) 2-Methylnaphthalene	12.07	142	1153	0.135	ng/ul	99
7) Acenaphthylene	13.98	152	2043	0.171	ng/ul#	89
8) Acenaphthene	14.32	153	25556	2.526	ng/ul	99
9) Fluorene	15.32	166	12553	1.115	ng/ul	99
12) Phenanthrene	17.05	178	31303	1.688	ng/ul	98
13) Anthracene	17.14	178	47739	3.001	ng/ul	97
15) Fluoranthene	19.07	202	118246	5.454	ng/ul	99
17) Pyrene	19.44	202	84516	3.337	ng/ul	98
18) Benzo(a)anthracene	21.19	228	37472	1.801	ng/ul	98
19) Chrysene	21.25	228	53869	2.125	ng/ul	98
21) Benzo(b)fluoranthene	22.75	252	41825m	1.721	ng/ul	99
22) Benzo(k)fluoranthene	22.79	252	17237m	0.641	ng/ul	99
23) Benzo(a)pyrene	23.30	252	25558	1.081	ng/ul#	86
24) Indeno(1,2,3-cd)pyrene	25.58	276	14020	0.462	ng/ul#	100
25) Dibenzo(a,h)anthracene	25.59	278	4261	0.175	ng/ul#	86
26) Benzo(a,h,i)perylene	26.25	276	12039	0.433	ng/ul	98

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