

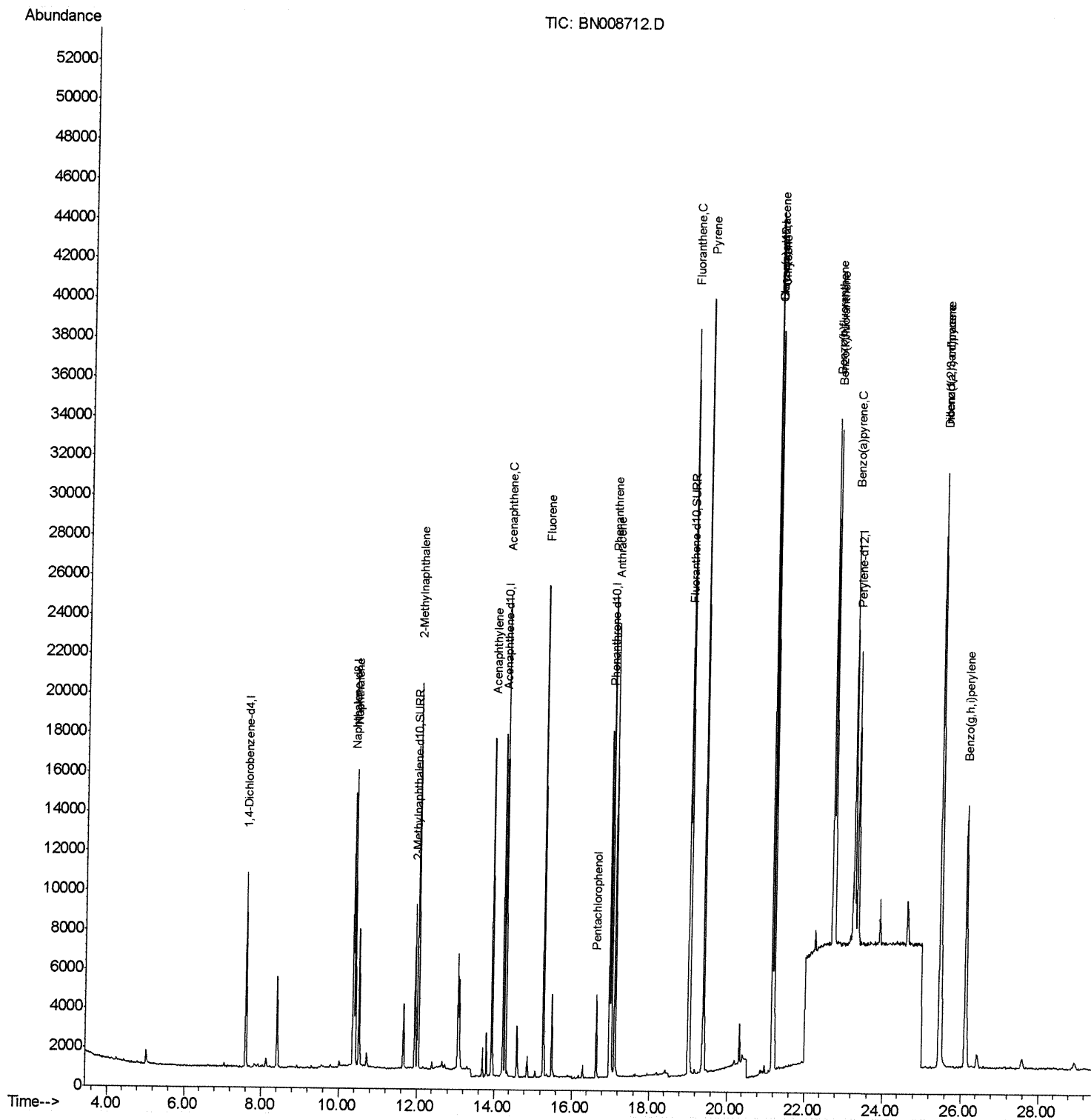
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112119\
Data File : BN008712.D
Acq On : 22 Nov 2019 14:37
Operator : JU
Sample : SSTDCCC0.4EC
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
LabSampleId :
SSTD0.421

Manual Integrations
APPROVED

mohammad
11/22/2019 3:24:14 PM

Quant Time: Nov 22 15:18:25 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN111519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 22 07:12:34 2019
Response via : Initial Calibration



Quantitation Report (Qedit)

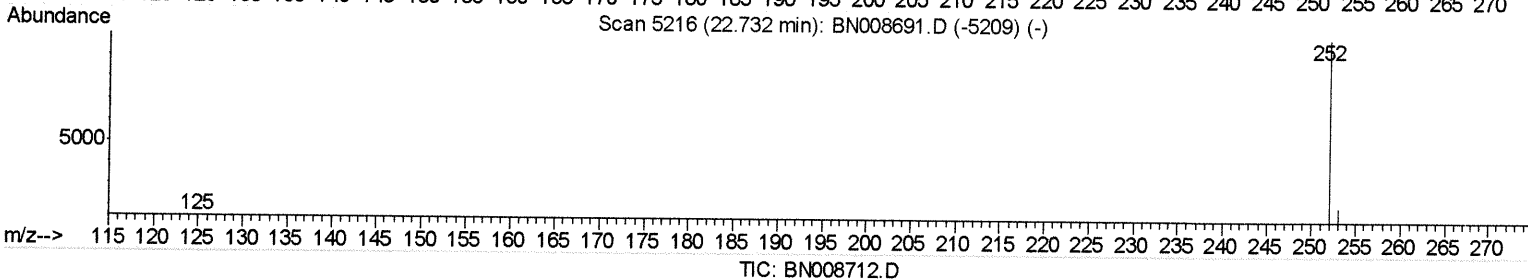
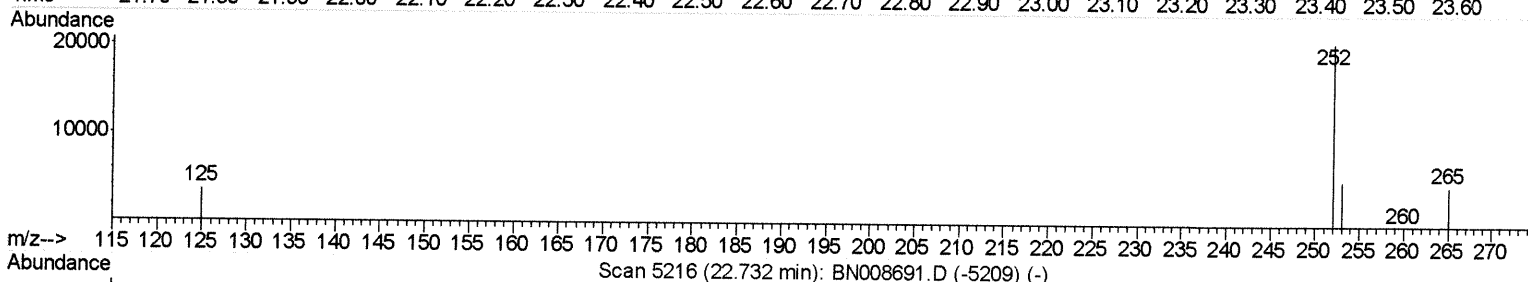
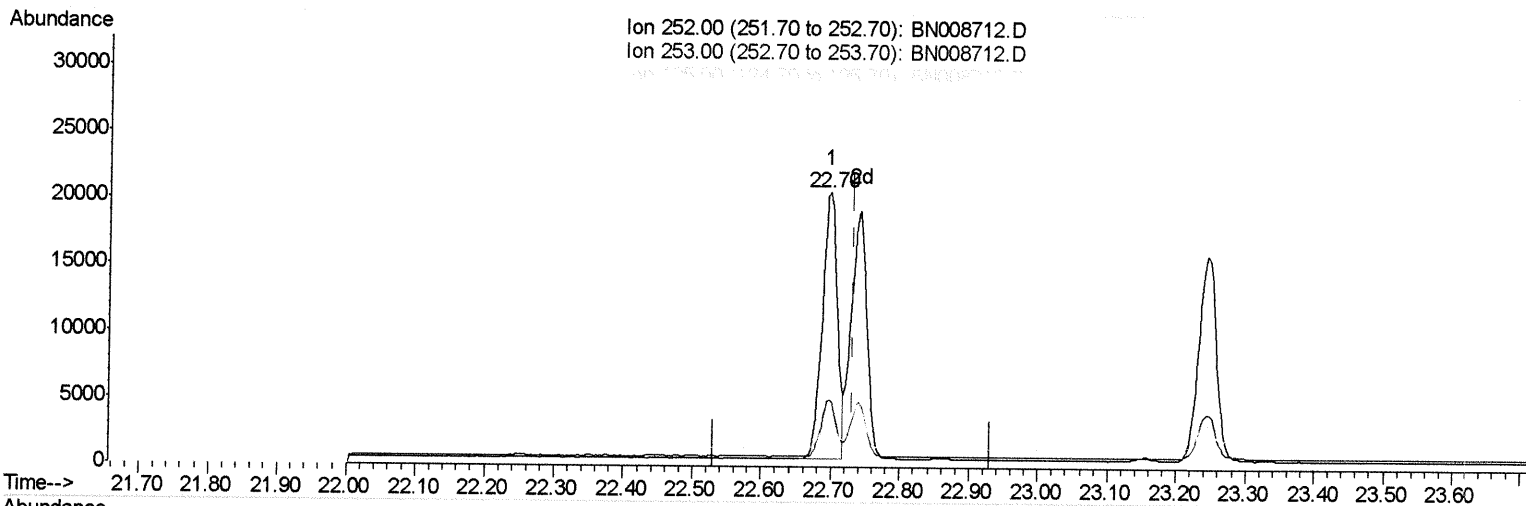
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112119\
 Data File : BN008712.D
 Acq On : 22 Nov 2019 14:37
 Operator : JU
 Sample : SSTDCCC0.4EC
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 LabSampleId :
 SSTD0.421

Manual Integrations
 APPROVED

mohammad
 11/22/2019 3:24:14 PM

Quant Time: Nov 22 15:16:31 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN111519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 22 07:12:34 2019
 Response via : Initial Calibration



(22) Benzo(k)fluoranthene

22.697min (-0.035) 0.42ng/ui

response 30618

Ion	Exp%	Act%
252.00	100	100
253.00	25.60	24.63
125.00	18.70	17.80
0.00	0.00	0.00

Quantitation Report (Qedit)

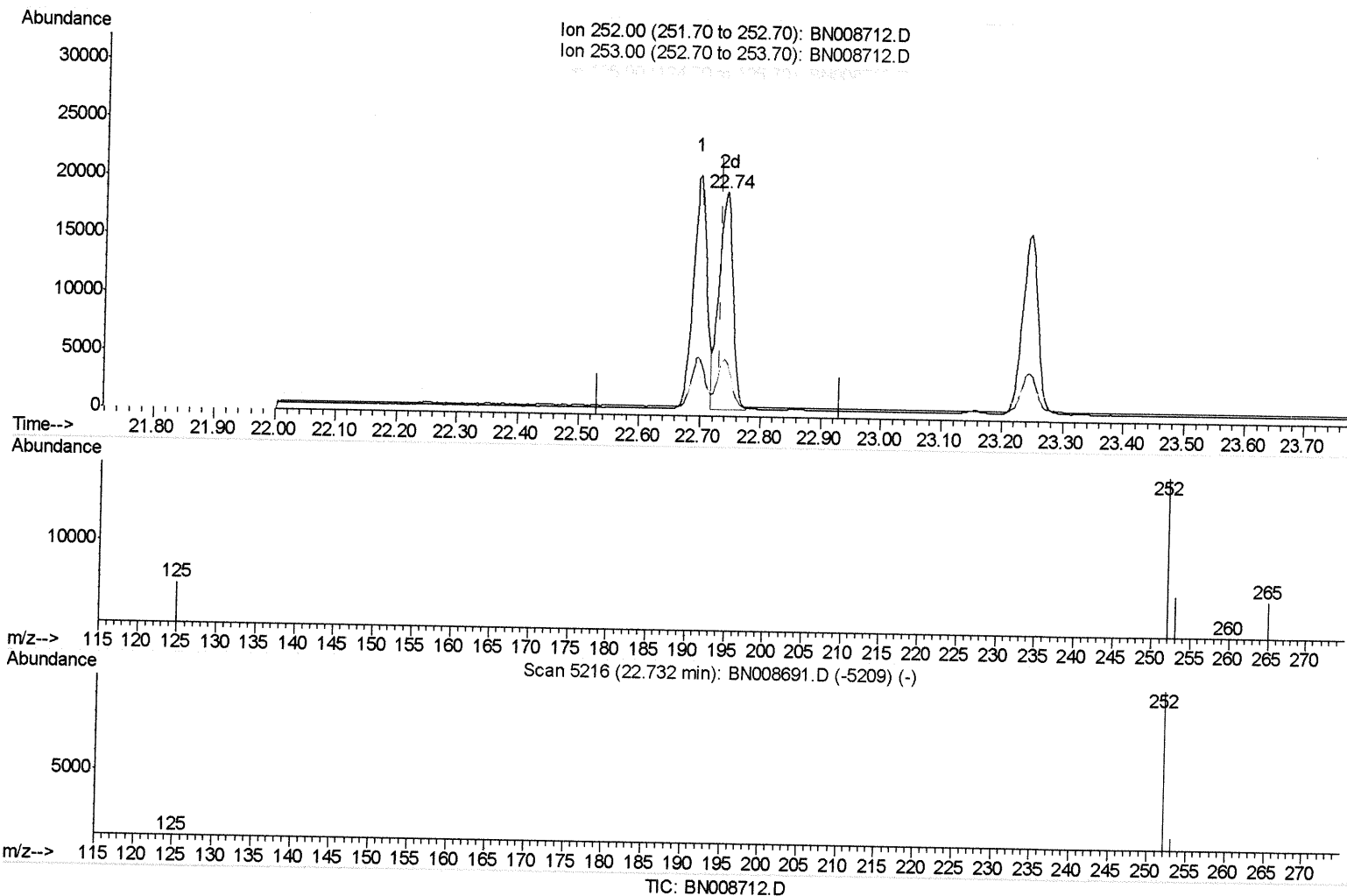
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112119\
 Data File : BN008712.D
 Acq On : 22 Nov 2019 14:37
 Operator : JU
 Sample : SSTDCCC0.4EC
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 LabSampleId :
 SSTD0.421

Manual Integrations
 APPROVED

mohammad
 11/22/2019 3:24:14 PM

Quant Time: Nov 22 15:16:31 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN111519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 22 07:12:34 2019
 Response via : Initial Calibration



(22) Benzo(k)fluoranthene

22.741min (+0.009) 0.41ng/ul m JU 11/25/19

response 29891

Ion	Exp%	Act%
252.00	100	100
253.00	25.60	25.56
125.00	18.70	25.07#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112119\
 Data File : BN008712.D
 Acq On : 22 Nov 2019 14:37
 Operator : JU
 Sample : SSTDCCC0.4EC
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 LabSampleId :
 SSTD0.421

Manual Integrations
 APPROVED

mohammad
 11/22/2019 3:24:14 PM

Quant Time: Nov 22 15:18:25 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN111519.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Fri Nov 22 07:12:34 2019

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	4719	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.36	136	17021	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.23	164	9817	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.97	188	18814	0.40	ng/ul	0.00
16) Chrysene-d12	21.17	240	17515	0.40	ng/ul	0.00
20) Perylene-d12	23.34	264	17698	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.95	152	10512	0.38	ng/ul	-0.01
14) Fluoranthene-d10	19.00	212	22541	0.39	ng/ul	0.00
Target Compounds						
					Qvalue	
3) Naphthalene	10.41	128	19828	0.386	ng/ul	99
5) 2-Methylnaphthalene	12.03	142	13461	0.376	ng/ul	100
7) Acenaphthylene	13.94	152	19064	0.351	ng/ul	99
8) Acenaphthene	14.29	153	13837	0.344	ng/ul	99
9) Fluorene	15.28	166	15724	0.332	ng/ul	100
11) Pentachlorophenol	16.63	266	2804	0.394	ng/ul	99
12) Phenanthrene	17.01	178	25908	0.408	ng/ul	98
13) Anthracene	17.10	178	24174	0.403	ng/ul	99
15) Fluoranthene	19.03	202	31084	0.399	ng/ul	92
17) Pyrene	19.40	202	32085	0.457	ng/ul	97
18) Benzo(a)anthracene	21.16	228	31807	0.452	ng/ul	100
19) Chrysene	21.21	228	30548	0.442	ng/ul	99
21) Benzo(b)fluoranthene	22.70	252	30618	0.420	ng/ul	97
22) Benzo(k)fluoranthene	22.74	252	29891m >	0.413	ng/ul >	50 11/25/19
23) Benzo(a)pyrene	23.24	252	27625	0.403	ng/ul#	96
24) Indeno(1,2,3-cd)pyrene	25.47	276	31711	0.396	ng/ul#	92
25) Dibenzo(a,h)anthracene	25.49	278	25434	0.393	ng/ul	99
26) Benzo(g,h,i)perylene	26.12	276	26681	0.398	ng/ul	97

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