

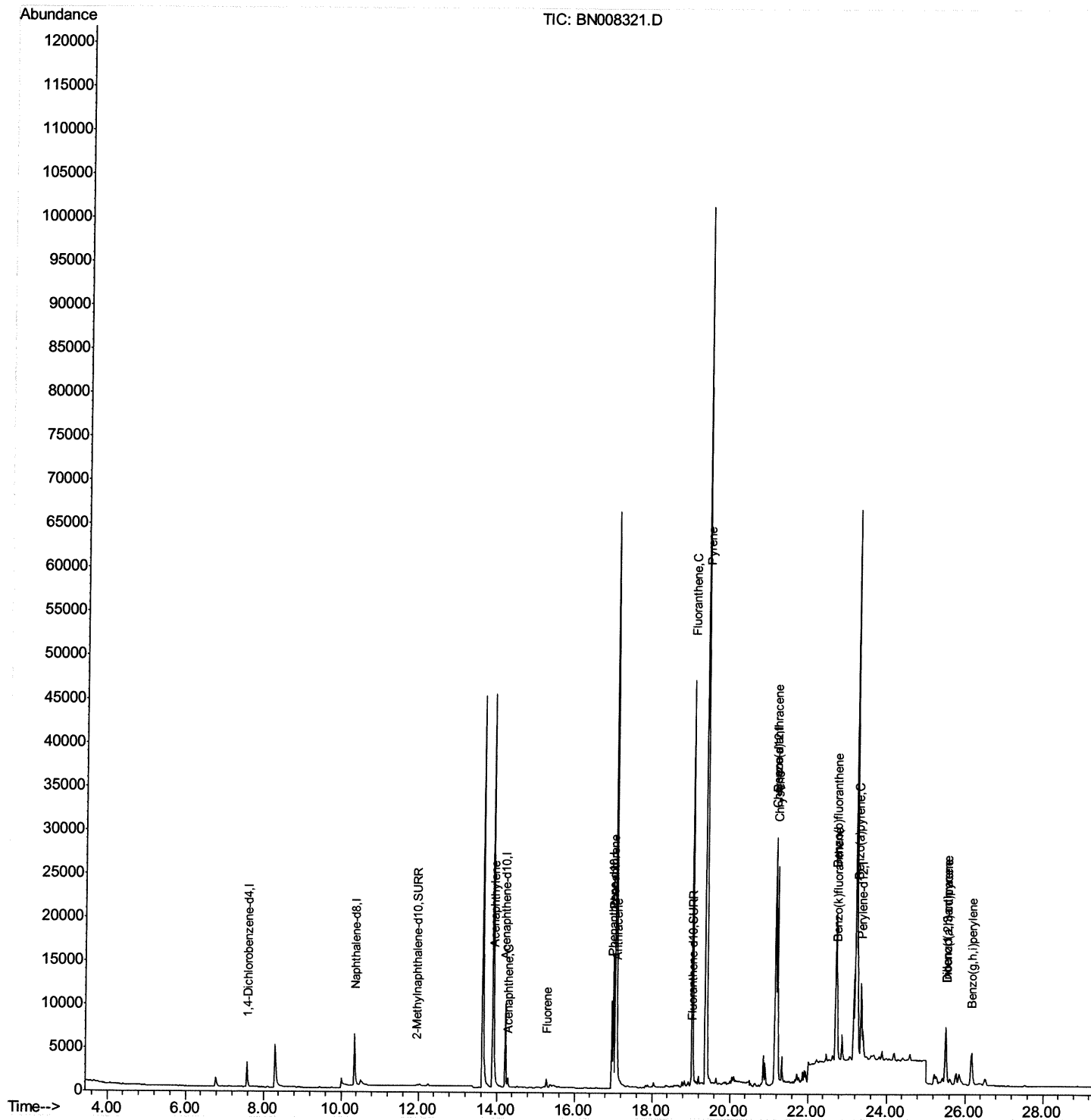
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN102219\
Data File : BN008321.D
Acq On : 22 Oct 2019 18:58
Operator : JU
Sample : K5199-21DL 10X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BEPH1DL

Manual Integrations
APPROVED

mohammad
10/24/2019 8:05:20 AM

Quant Time: Oct 23 02:03:10 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



Quantitation Report (Qedit)

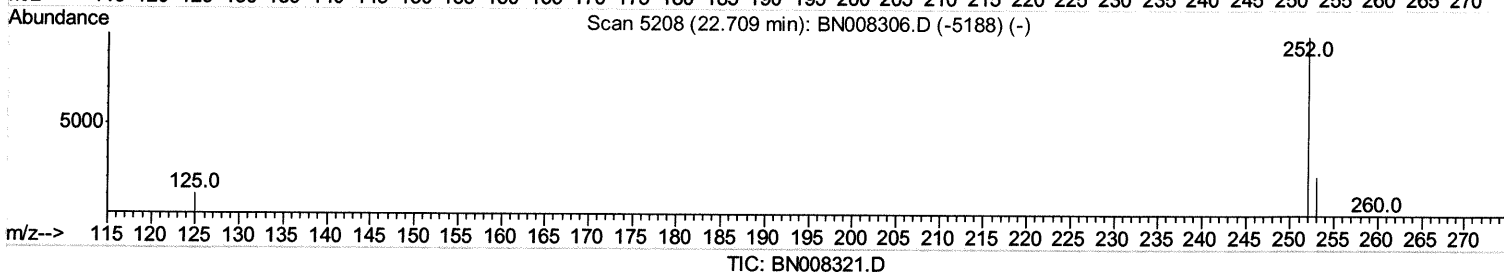
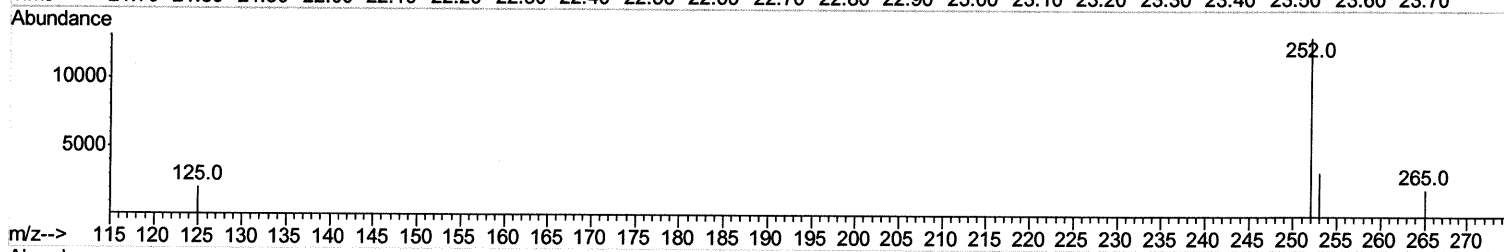
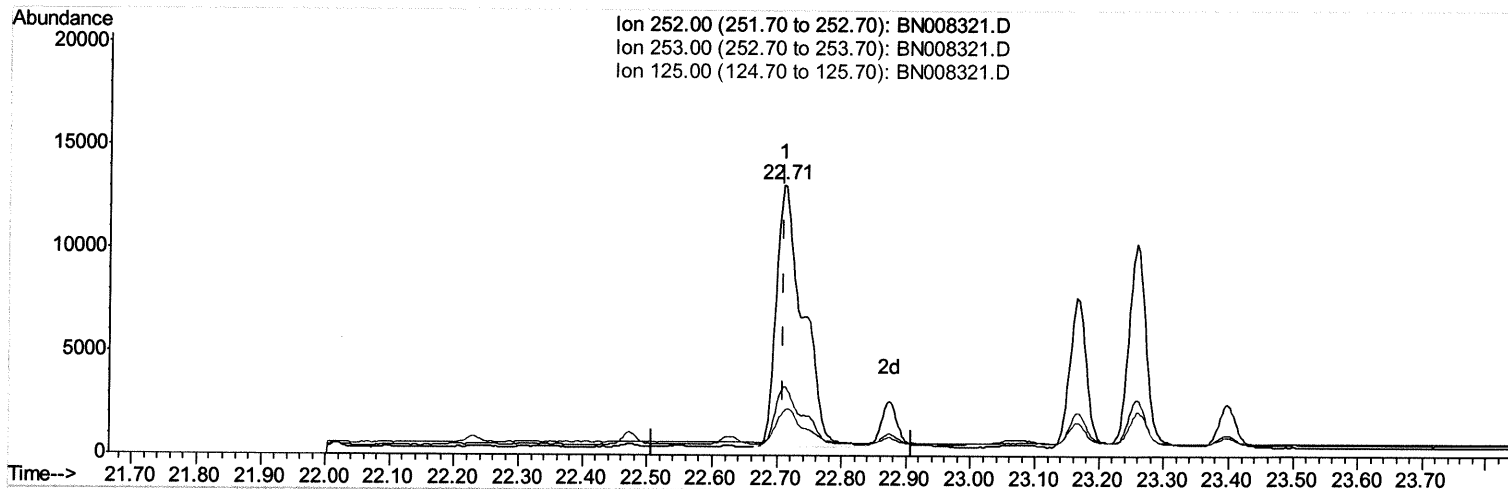
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN102219\
 Data File : BN008321.D
 Acq On : 22 Oct 2019 18:58
 Operator : JU
 Sample : K5199-21DL 10X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BEPH1DL

Manual Integrations
 APPROVED

mohammad
 10/24/2019 8:05:20 AM

Quant Time: Oct 23 01:04:48 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



(21) Benzo(b)fluoranthene

22.709min (+0.000) 1.15ng/ul

response 36707

Ion	Exp%	Act%
252.00	100	100
253.00	26.70	25.35
125.00	16.20	16.03
0.00	0.00	0.00

Quantitation Report (Qedit)

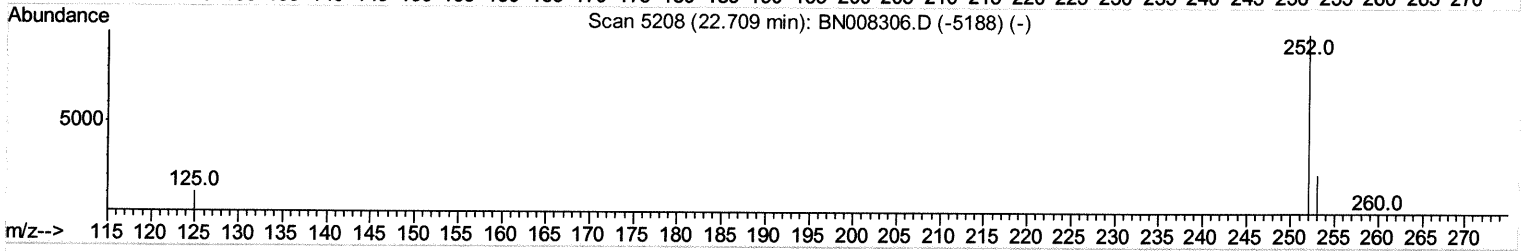
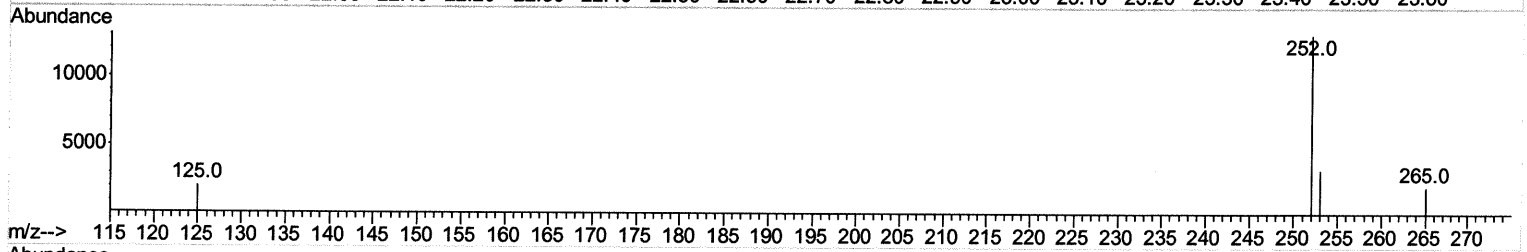
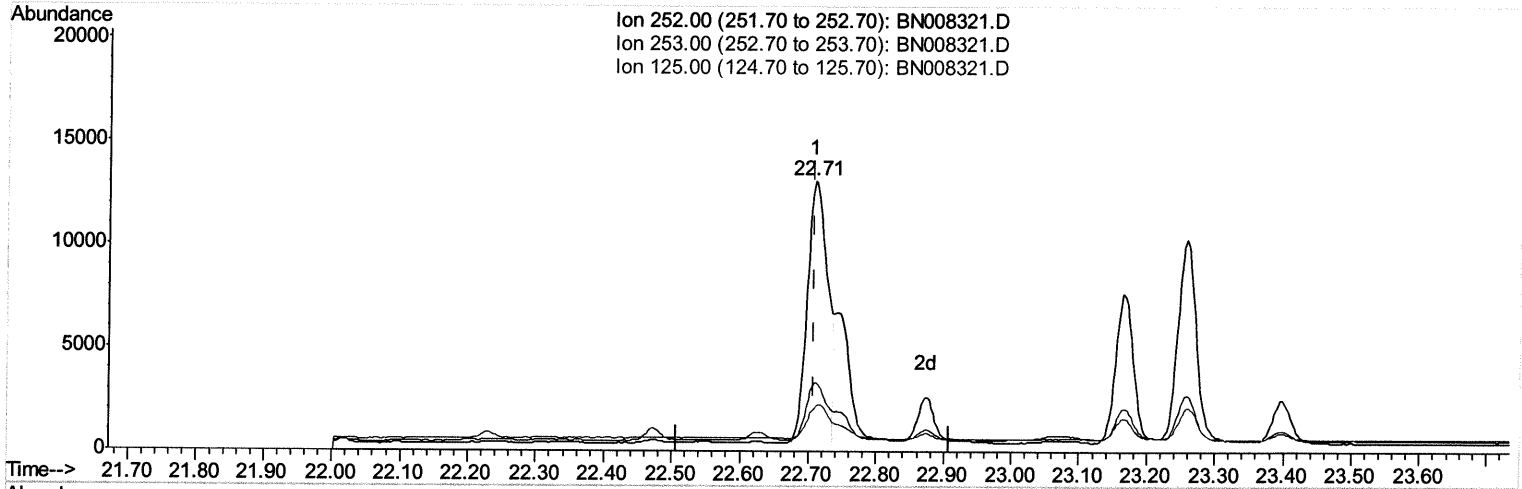
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN102219\
 Data File : BN008321.D
 Acq On : 22 Oct 2019 18:58
 Operator : JU
 Sample : K5199-21DL 10X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BEPH1DL

Manual Integrations
 APPROVED

mohammad
 10/24/2019 8:05:20 AM

Quant Time: Oct 23 01:04:48 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



(21) Benzo(b)fluoranthene

22.709min (+0.000) 0.81ng/ul m *M 10.23.19*

response 25977

Ion	Exp%	Act%
252.00	100	100
253.00	26.70	25.35
125.00	16.20	16.03
0.00	0.00	0.00

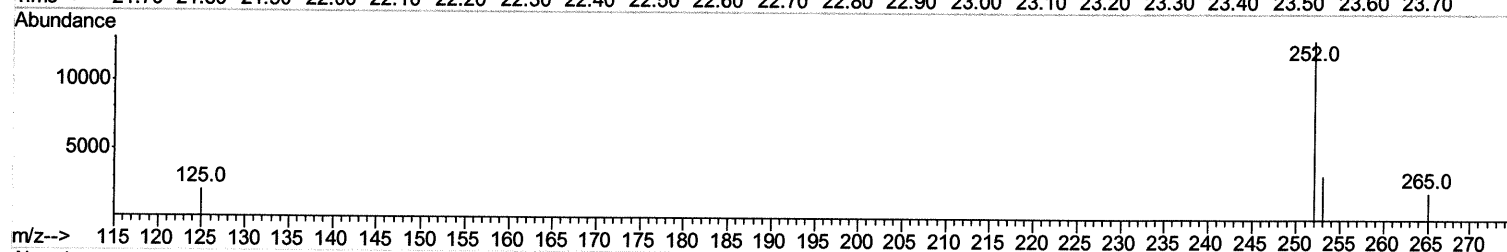
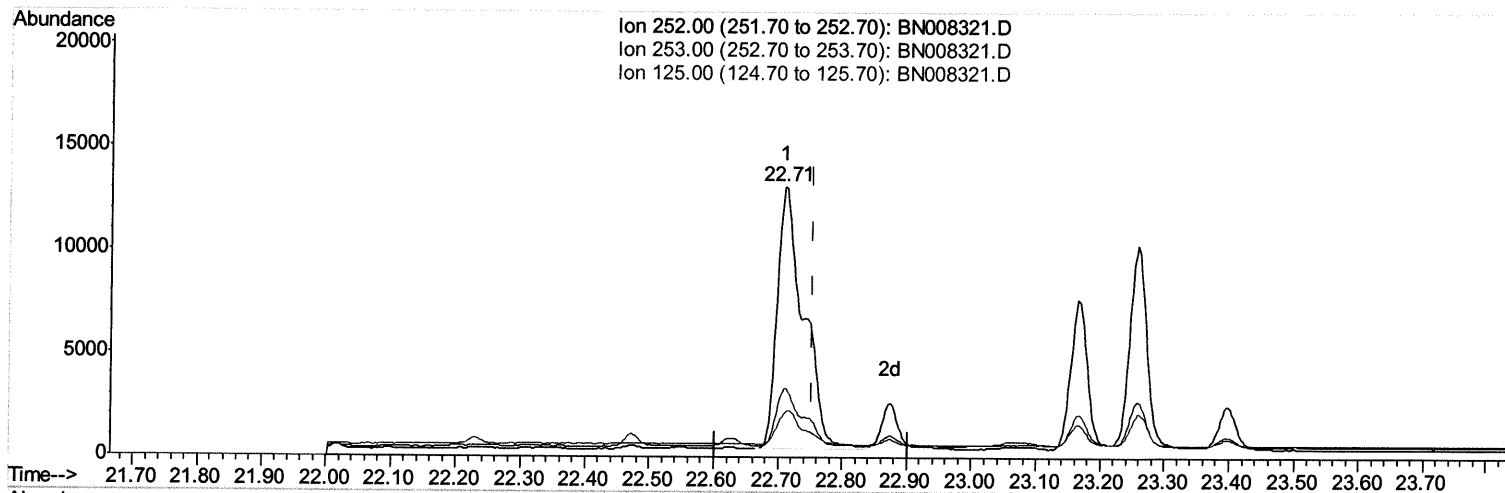
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN102219\
Data File : BN008321.D
Acq On : 22 Oct 2019 18:58
Operator : JU
Sample : K5199-21DL 10X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BEPH1DL

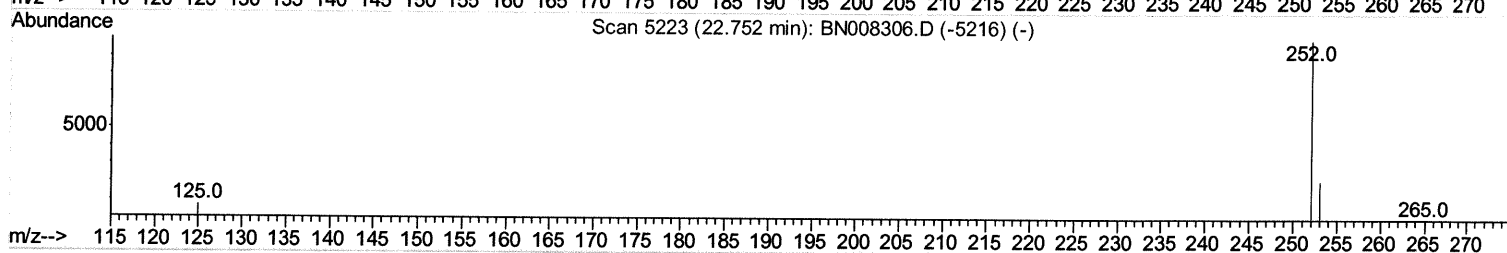
Manual Integrations
APPROVED

mohammad
10/24/2019 8:05:20 AM

Quant Time: Oct 23 01:04:48 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



Scan 5223 (22.752 min): BN008306.D (-5216) (-)



TIC: BN008321.D

(22) Benzo(k)fluoranthene

22.709min (-0.044) 1.01ng/ul

response 36707

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	25.35
125.00	15.40	16.03
0.00	0.00	0.00

Quantitation Report (Qedit)

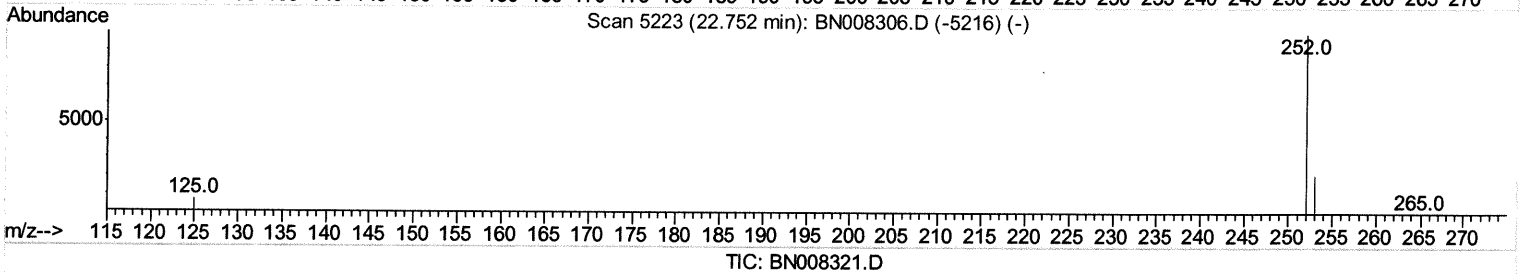
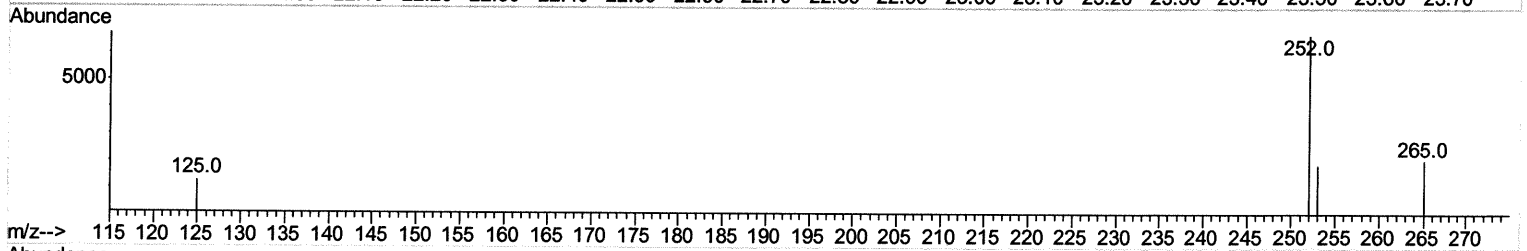
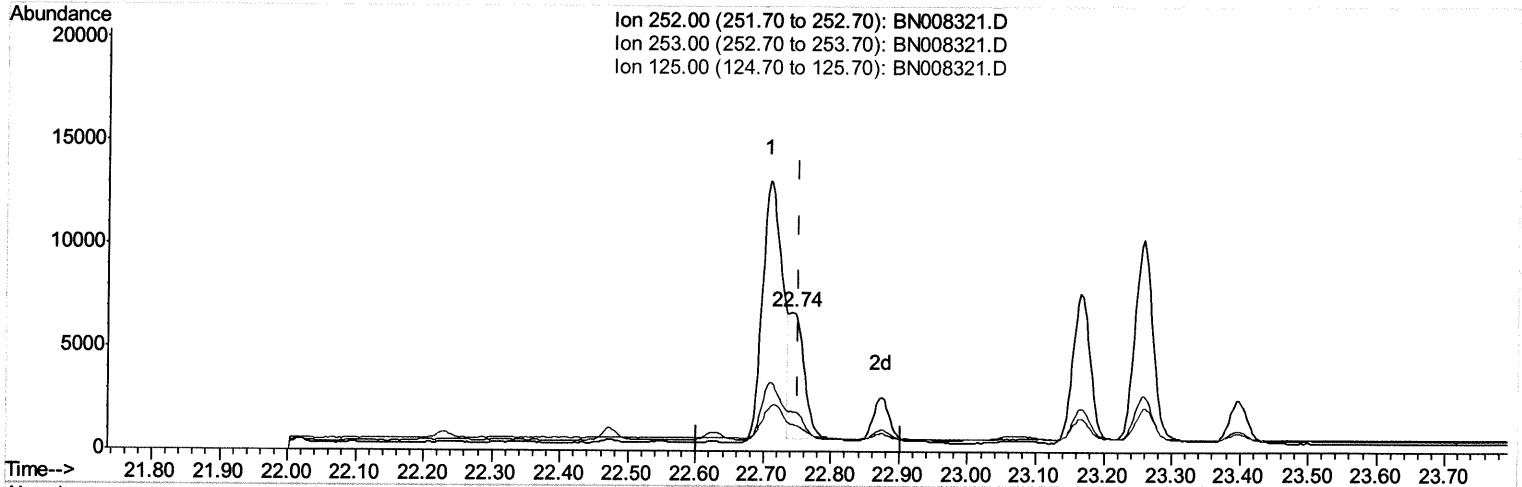
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN102219\
 Data File : BN008321.D
 Acq On : 22 Oct 2019 18:58
 Operator : JU
 Sample : K5199-21DL 10X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BEPH1DL

Manual Integrations
 APPROVED

mohammad
 10/24/2019 8:05:20 AM

Quant Time: Oct 23 01:04:48 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



(22) Benzo(k)fluoranthene

22.744min (-0.009) 0.26ng/ul m *PL 1023.19*

response 9520

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	28.63
125.00	15.40	19.23#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN102219\
 Data File : BN008321.D
 Acq On : 22 Oct 2019 18:58
 Operator : JU
 Sample : K5199-21DL 10X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BEPH1DL

Manual Integrations
 APPROVED

mohammad
 10/24/2019 8:05:20 AM

Quant Time: Oct 23 02:03:10 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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	1844	0.40	ng/ul	0.00
2) Naphthalene-d8	10.35	136	9003	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.22	164	5986	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.97	188	12585	0.40	ng/ul	0.00
16) Chrysene-d12	21.18	240	11745	0.40	ng/ul	0.00
20) Perylene-d12	23.35	264	9832	0.40	ng/ul	0.00

System Monitoring Compounds

4) 2-Methylnaphthalene-d10	11.96	152	433	0.03	ng/ul	0.00
14) Fluoranthene-d10	19.00	212	1328	0.03	ng/ul	0.00

Target Compounds

					Ovalue	
7) Acenaphthylene	13.94	152	1534	0.054	ng/ul#	88
8) Acenaphthene	14.28	153	611	0.028	ng/ul	96
9) Fluorene	15.28	166	782	0.031	ng/ul#	94
12) Phenanthrene	17.01	178	17700	0.480	ng/ul	100
13) Anthracene	17.10	178	3379	0.104	ng/ul	95
15) Fluoranthene	19.04	202	42056	0.864	ng/ul	98
17) Pyrene	19.40	202	45225	0.967	ng/ul	97
18) Benzo(a)anthracene	21.16	228	24981	0.585	ng/ul	96
19) Chrysene	21.21	228	27035	0.516	ng/ul	98
21) Benzo(b)fluoranthene	22.71	252	25977m	0.812	ng/ul	} 10.23.19
22) Benzo(k)fluoranthene	22.74	252	9520m	0.263	ng/ul	
23) Benzo(a)pyrene	23.26	252	18398	0.546	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.51	276	10761	0.271	ng/ul#	97
25) Dibenzo(a,h)anthracene	25.51	278	2584	0.082	ng/ul#	72
26) Benzo(a,h,i)perylene	26.16	276	8138	0.224	ng/ul#	92

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