

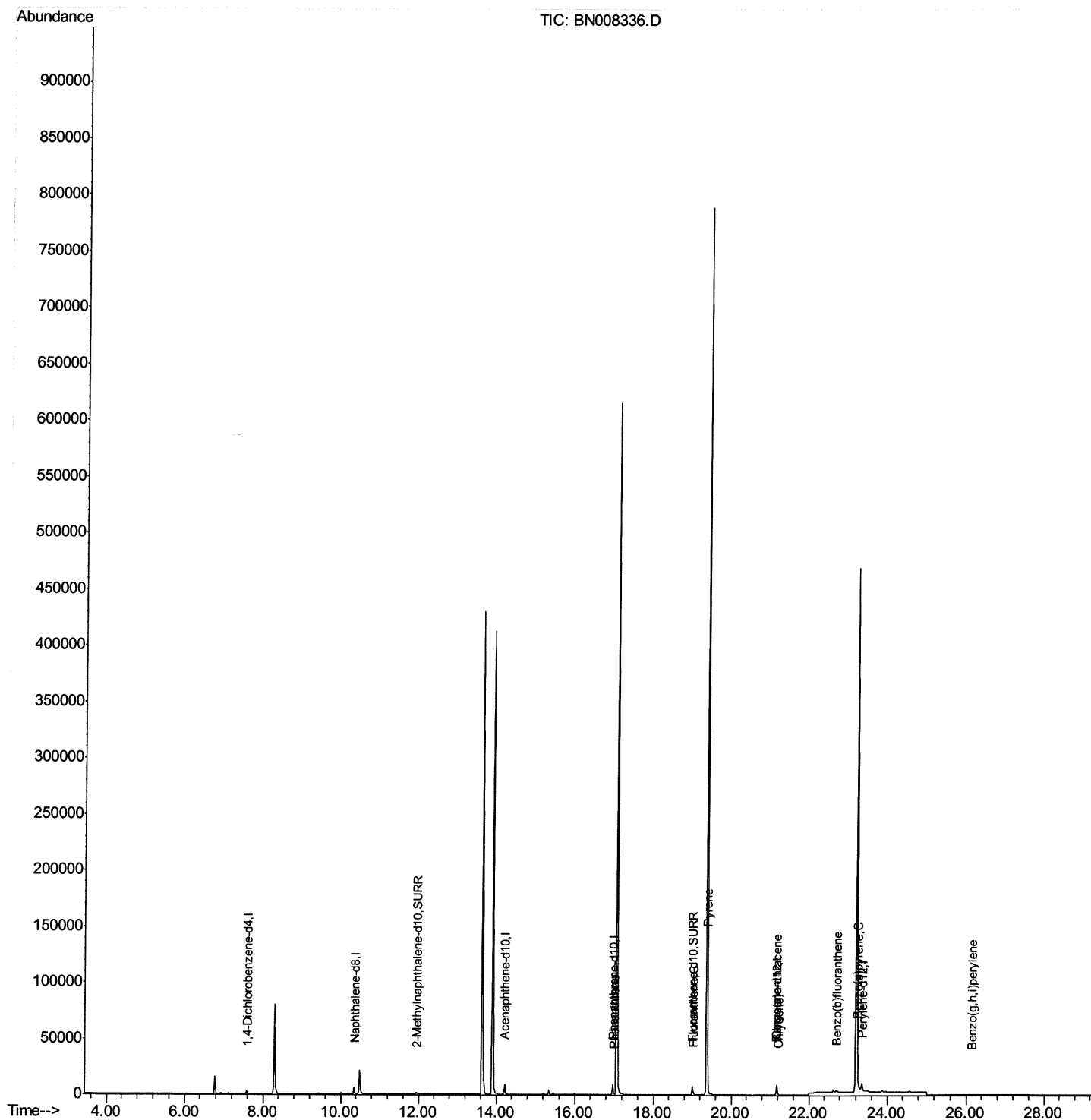
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN102219\
Data File : BN008336.D
Acq On : 23 Oct 2019 04:32
Operator : JU
Sample : K5223-12
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BEPH4

Manual Integrations
APPROVED

mohammad
10/24/2019 8:06:01 AM

Quant Time: Oct 23 05:39:05 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



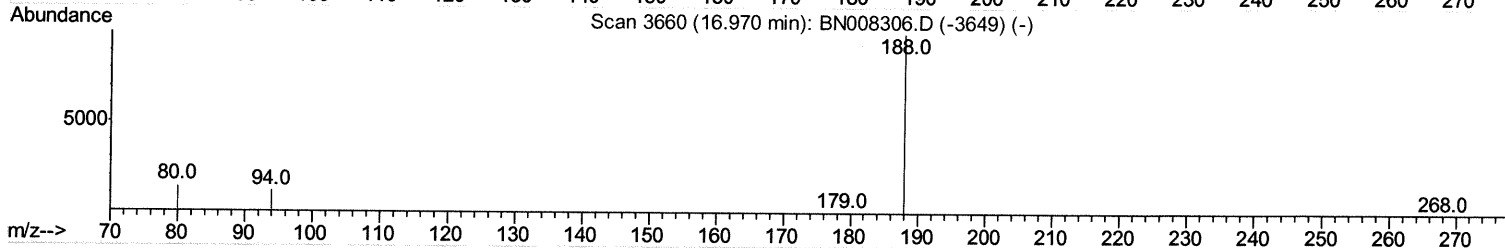
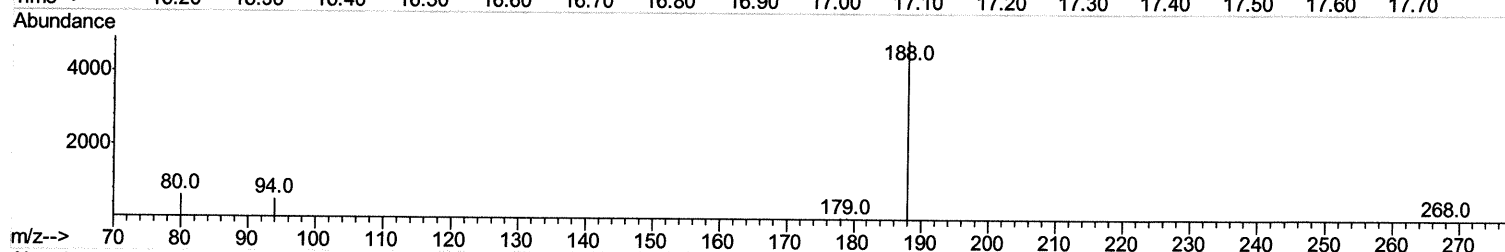
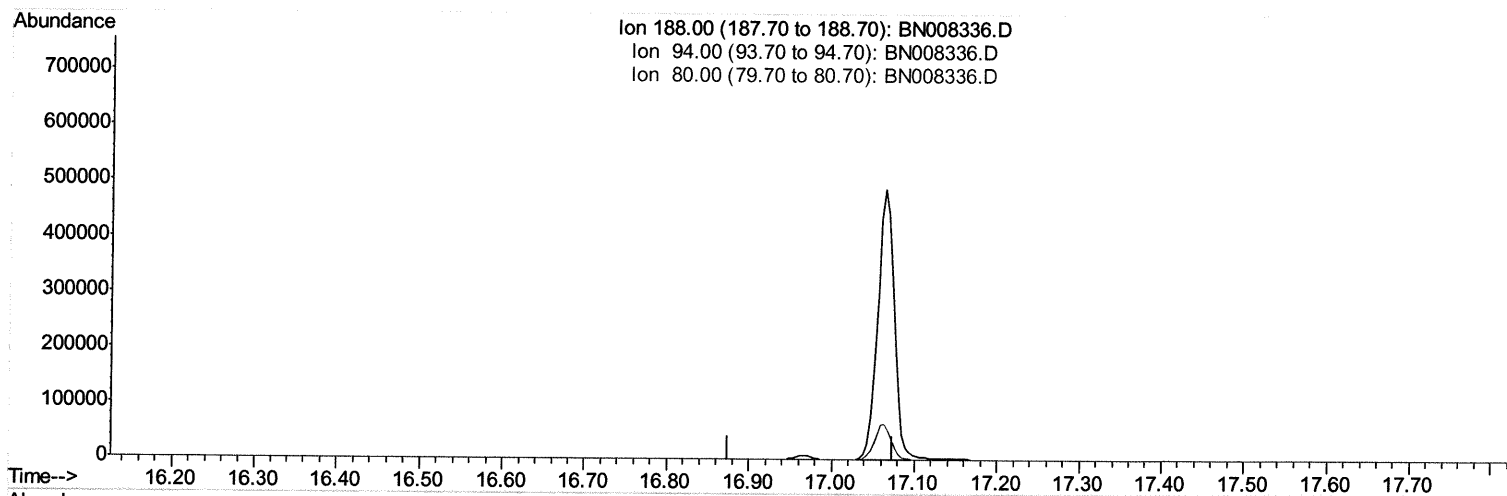
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN102219\
Data File : BN008336.D
Acq On : 23 Oct 2019 04:32
Operator : JU
Sample : K5223-12
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BEPH4

Manual Integrations
APPROVED

mohammad
10/24/2019 8:06:01 AM

Quant Time: Oct 23 05:28:58 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



TIC: BN008336.D

(10) Phenanthrene-d10 (I)

16.975min (-16.975) 0.00ng/ul

response 0

Ion	Exp%	Act%
188.00	100	0.00
94.00	10.90	0.00#
80.00	12.60	0.00#
0.00	0.00	0.00

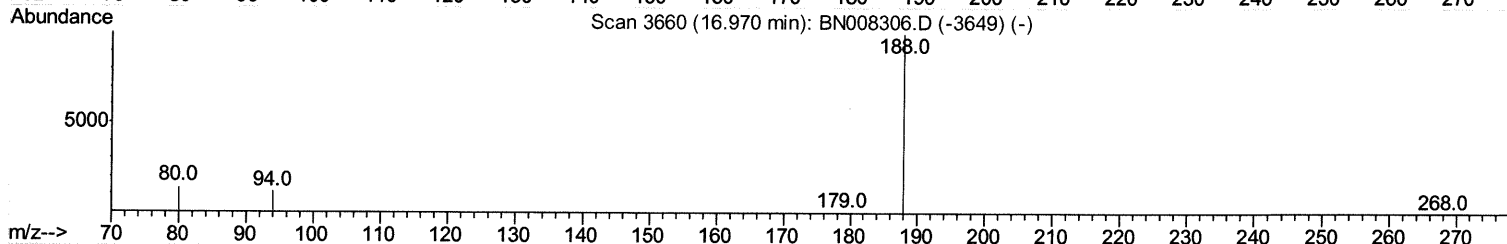
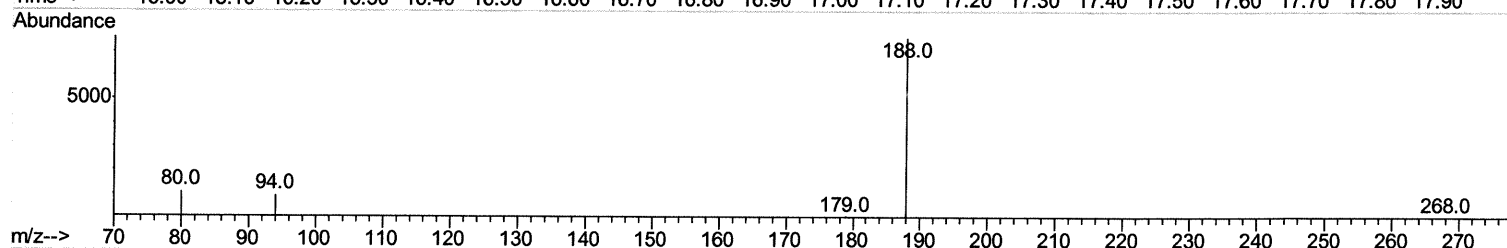
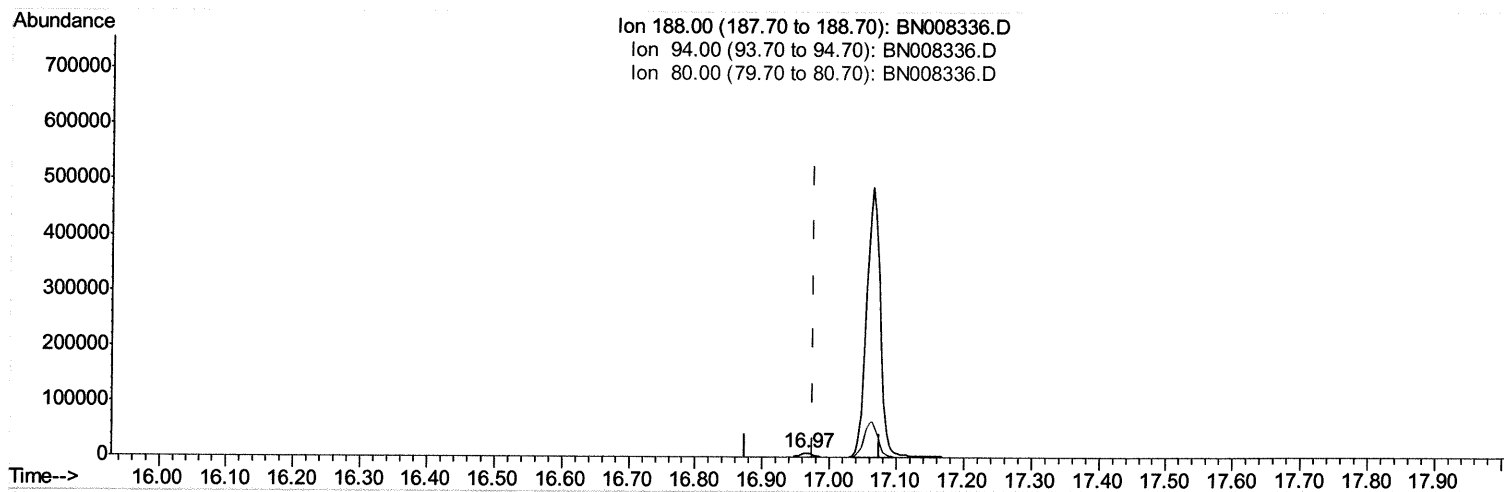
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN102219\
Data File : BN008336.D
Acq On : 23 Oct 2019 04:32
Operator : JU
Sample : K5223-12
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BEPH4

Manual Integrations
APPROVED

mohammad
10/24/2019 8:06:01 AM

Quant Time: Oct 23 05:28:58 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



TIC: BN008336.D

(10) Phenanthrene-d10 (I)

16.966min (-0.008) 0.40ng/ul m *JU 10.23.19*

response 11117

Ion	Exp%	Act%
188.00	100	100
94.00	10.90	12.23
80.00	12.60	14.39
0.00	0.00	0.00

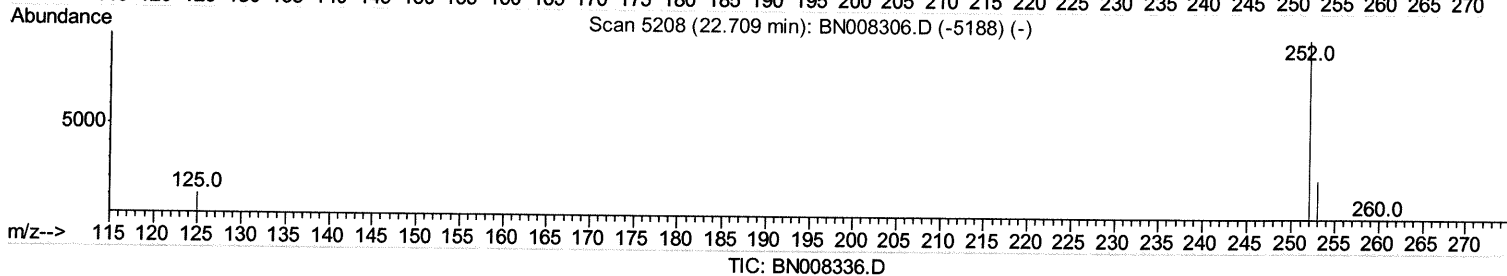
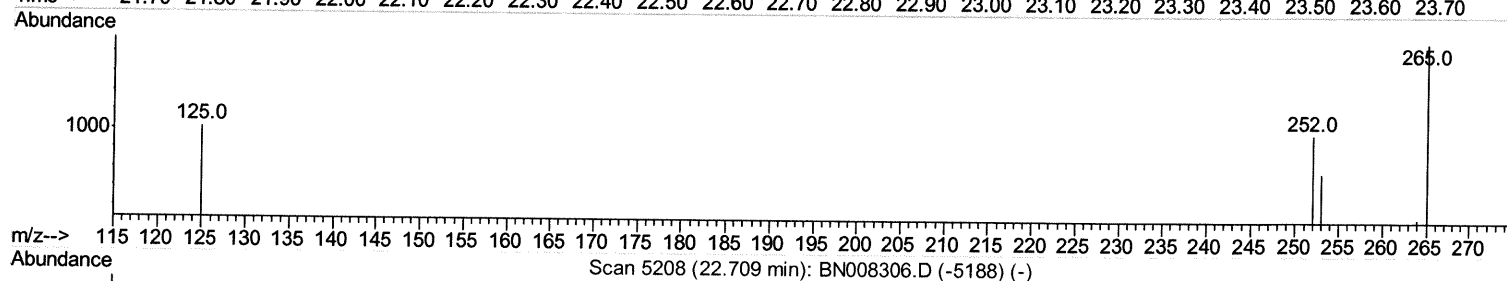
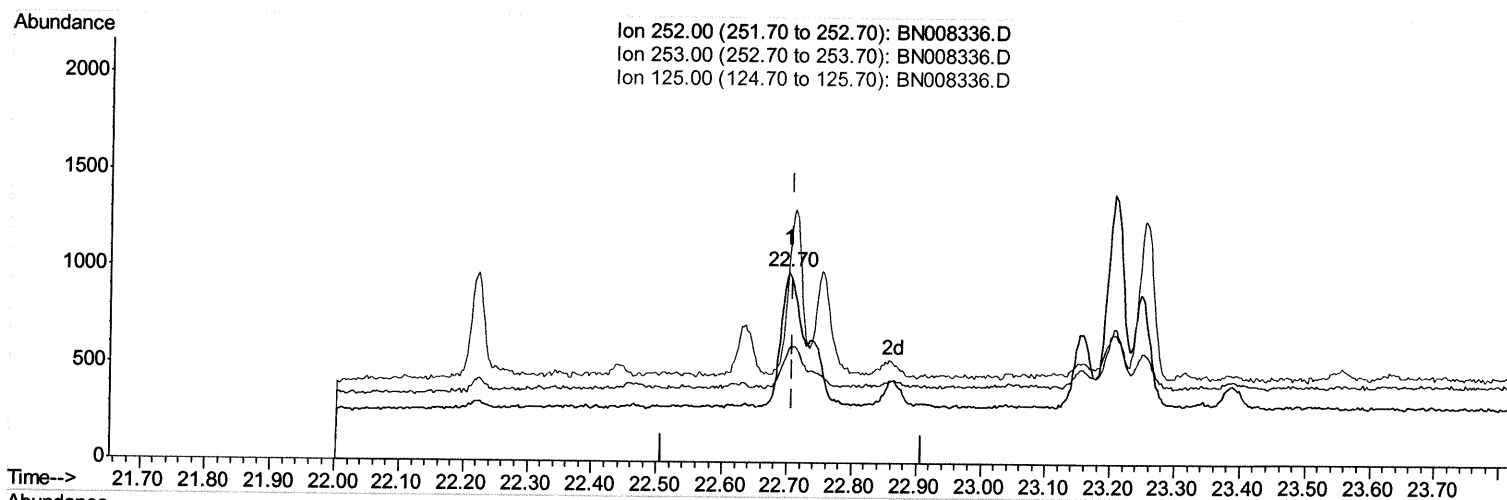
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN102219\
Data File : BN008336.D
Acq On : 23 Oct 2019 04:32
Operator : JU
Sample : K5223-12
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BEPH4

Manual Integrations
APPROVED

mohammad
10/24/2019 8:06:01 AM

Quant Time: Oct 23 05:37:27 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

22.703min (-0.006) 0.07ng/ul

response 2055

Ion	Exp%	Act%
252.00	100	100
253.00	26.70	59.33#
125.00	16.20	103.75#
0.00	0.00	0.00

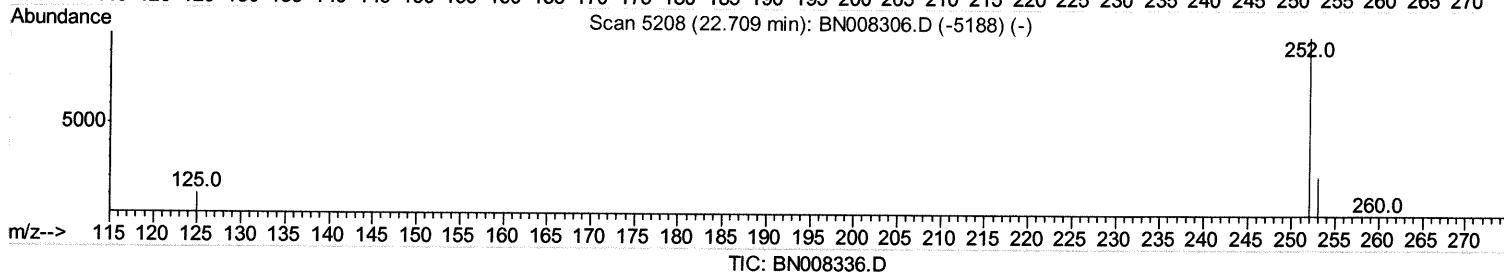
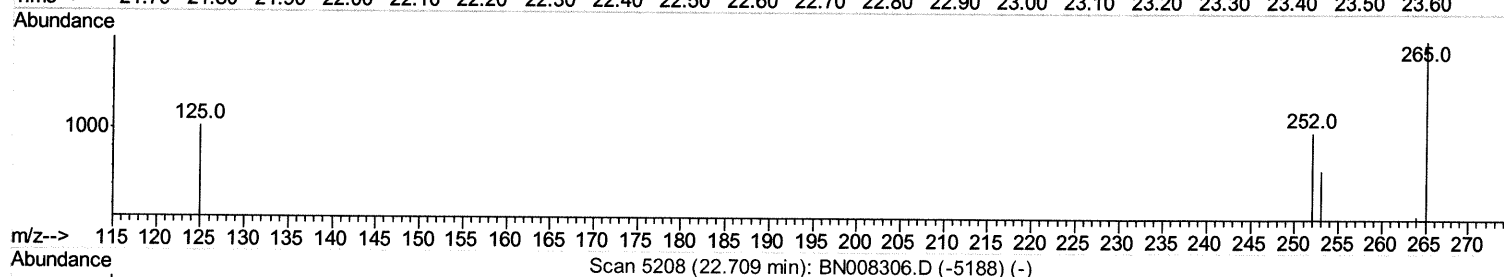
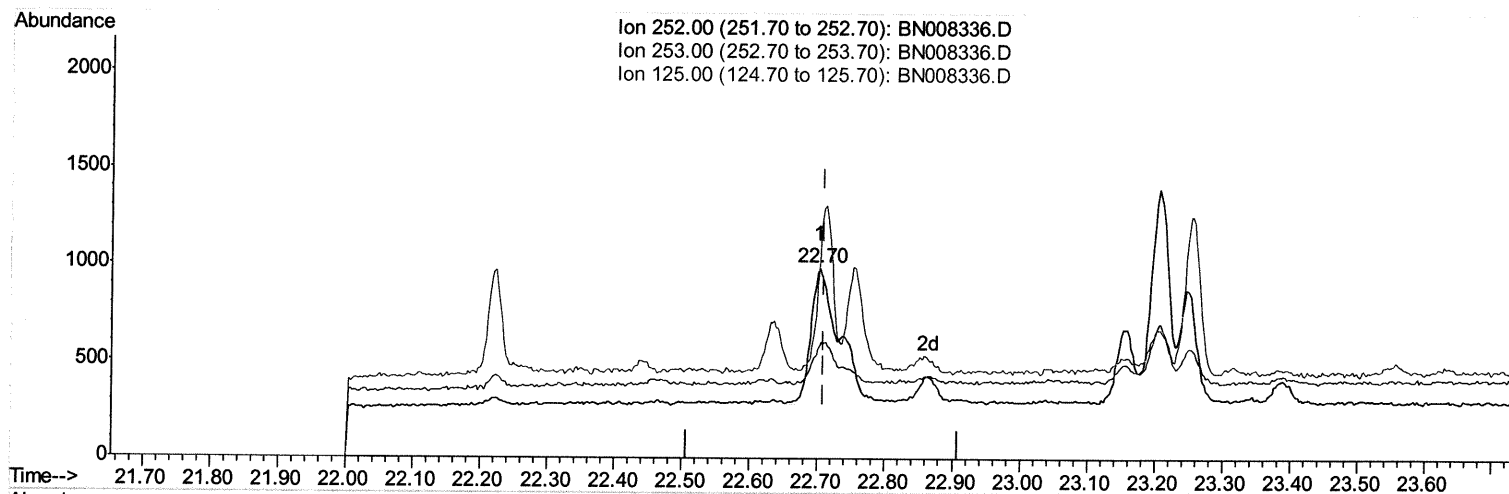
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN102219\
Data File : BN008336.D
Acq On : 23 Oct 2019 04:32
Operator : JU
Sample : K5223-12
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BEPH4

Manual Integrations
APPROVED

mohammad
10/24/2019 8:06:01 AM

Quant Time: Oct 23 05:37:27 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

22.703min (-0.006) 0.05ng/ul m

JU 10.23.19

response 1484

Ion	Exp%	Act%
252.00	100	100
253.00	26.70	59.33#
125.00	16.20	103.75#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN102219\
 Data File : BN008336.D
 Acq On : 23 Oct 2019 04:32
 Operator : JU
 Sample : K5223-12
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BEPH4

Manual Integrations
 APPROVED

mohammad
 10/24/2019 8:06:01 AM

Quant Time: Oct 23 05:39:05 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	1676	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.35	136	8129	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.22	164	5065	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.97	188	11117m	0.40	ng/ul	0.00
16) Chrysene-d12	21.17	240	9871	0.40	ng/ul	0.00
20) Perylene-d12	23.34	264	8895	0.40	ng/ul	-0.01

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.95	152	3135	0.23	ng/ul	-0.01
14) Fluoranthene-d10	19.00	212	8727	0.23	ng/ul	0.00

Target Compounds				Ovalue		
12) Phenanthrene	17.01	178	964	0.030	ng/ul#	85
15) Fluoranthene	19.03	202	2150	0.050	ng/ul	88
17) Pyrene	19.39	202	1894	0.048	ng/ul#	75
18) Benzo(a)anthracene	21.16	228	1022	0.028	ng/ul#	82
19) Chrysene	21.21	228	1089	0.025	ng/ul#	84
21) Benzo(b)fluoranthene	22.70	252	1484m	0.051	ng/ul	7
23) Benzo(a)pyrene	23.25	252	927	0.030	ng/ul#	1
26) Benzo(g,h,i)perylene	26.15	276	689	0.021	ng/ul#	47

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

7.10.23.19

7.10.23.19