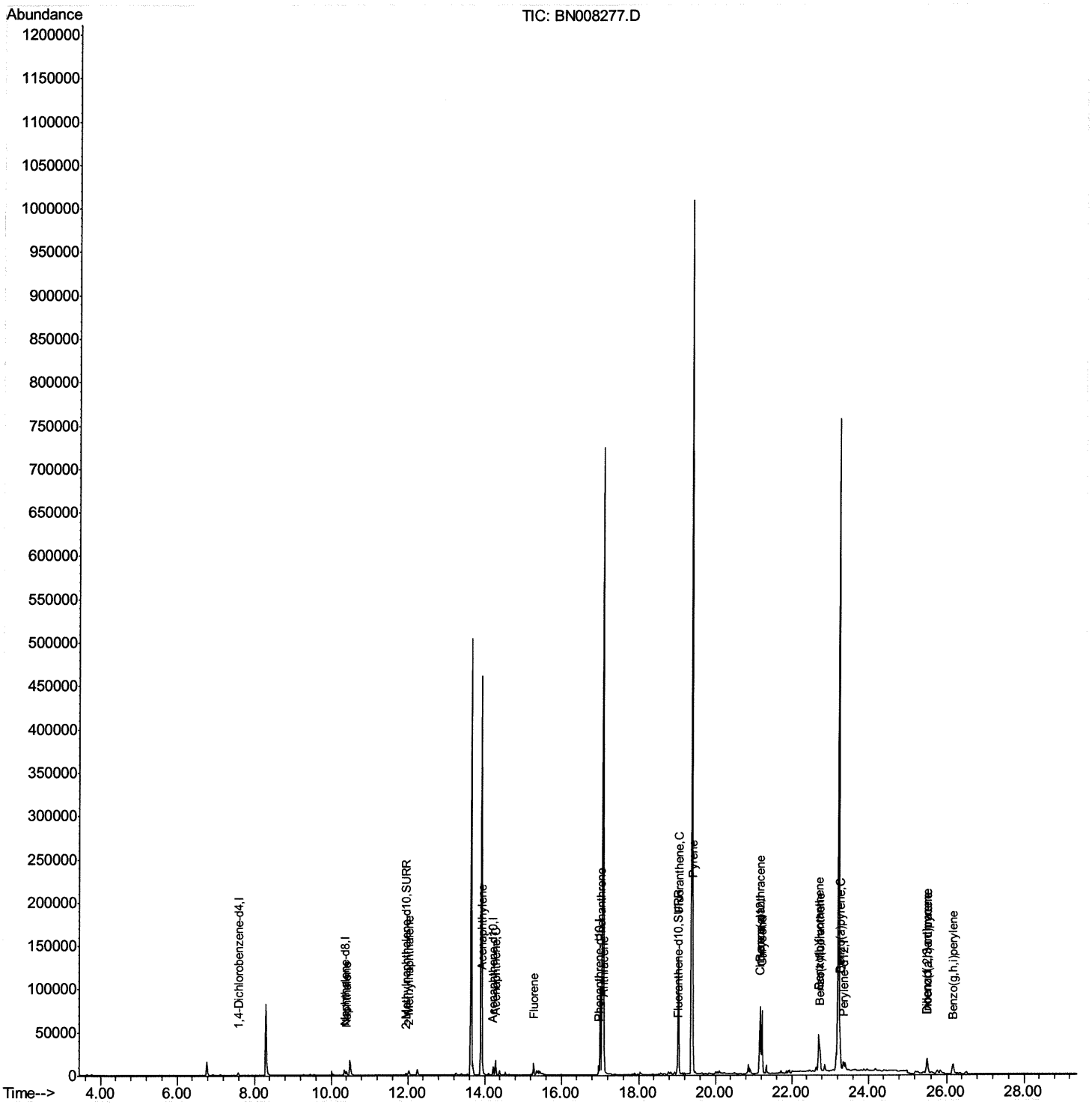
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102119\
Data File : BN008277.D
Acq On : 21 Oct 2019 11:37
Operator : JU
Sample : K5199-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Oct 21 15:43:10 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 15:18:52 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BEP74

Manual Integrations APPROVED
mohammad
10/22/2019 3:26:59 PM



Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102119\
Data File : BN008277.D
Acq On : 21 Oct 2019 11:37
Operator : JU
Sample : K5199-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Oct 21 15:41:41 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 15:18:52 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BEP74

Manual Integrations APPROVED
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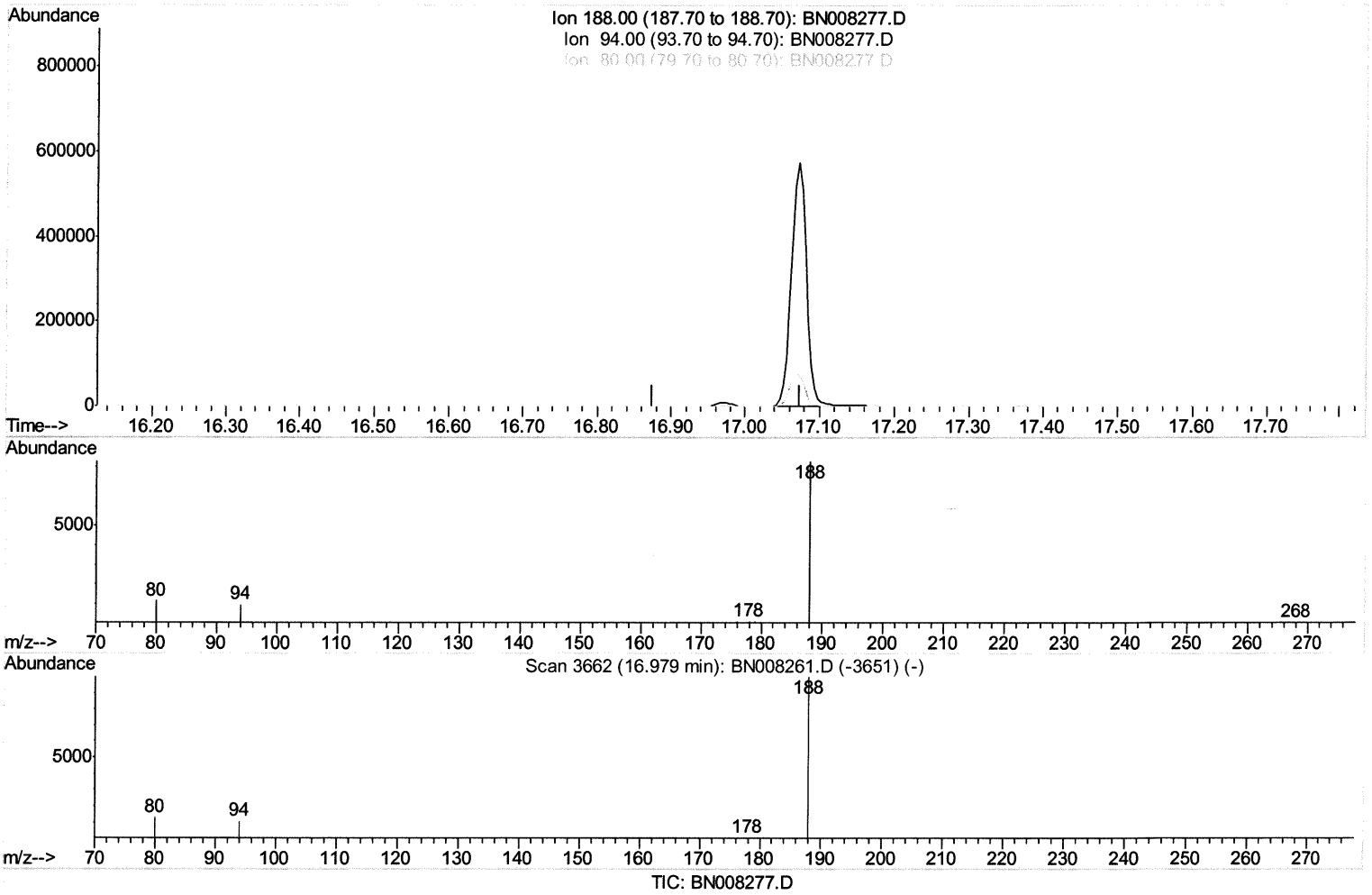

TIC: BN008277.D

(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

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102119\
Data File : BN008277.D
Acq On : 21 Oct 2019 11:37
Operator : JU
Sample : K5199-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Oct 21 15:41:41 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 15:18:52 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BEP74

Manual Integrations APPROVED
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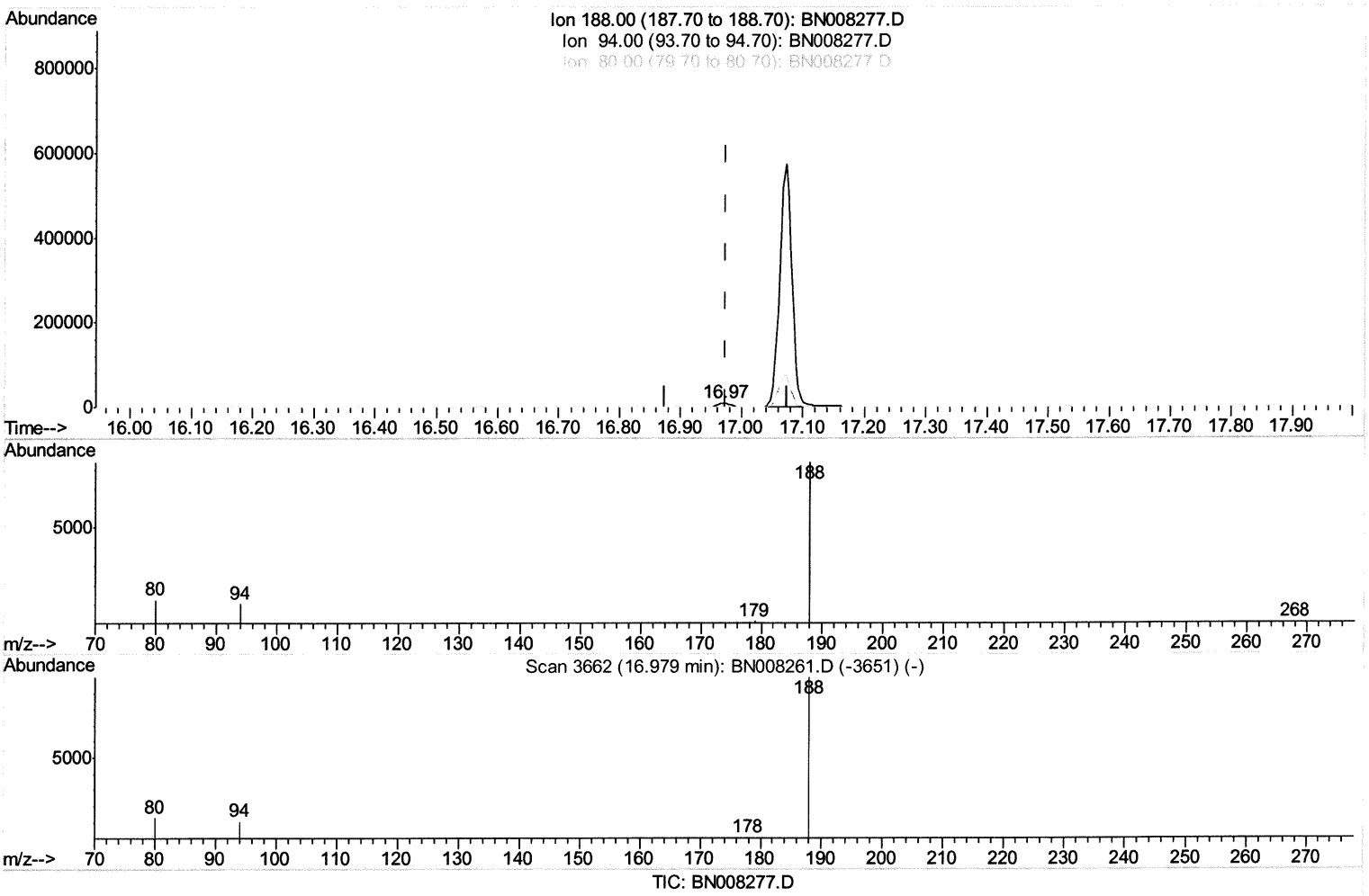

TIC: BN008277.D

(10) Phenanthrene-d10 (I)

16.971min (-0.004) 0.40ng/ul m JH 10.23.19

response 12078

Ion	Exp%	Act%
188.00	100	100
94.00	10.90	12.82
80.00	12.60	15.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102119\
Data File : BN008277.D
Acq On : 21 Oct 2019 11:37
Operator : JU
Sample : K5199-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Oct 21 15:42:09 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 15:18:52 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BEP74

Manual Integrations APPROVED
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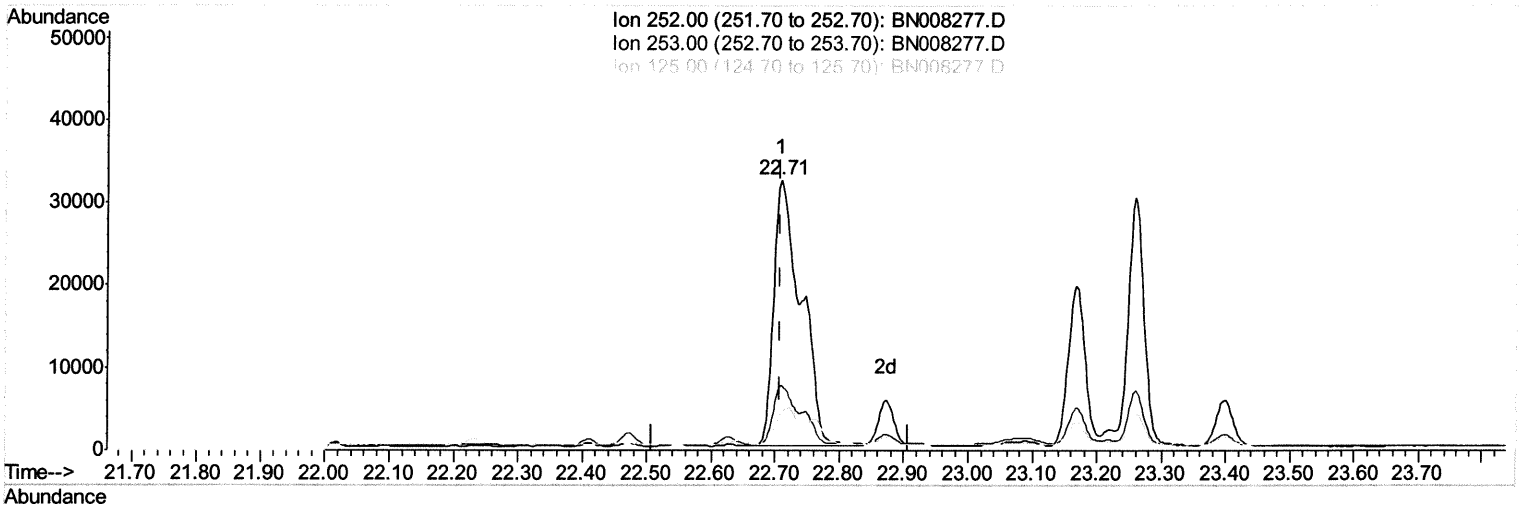

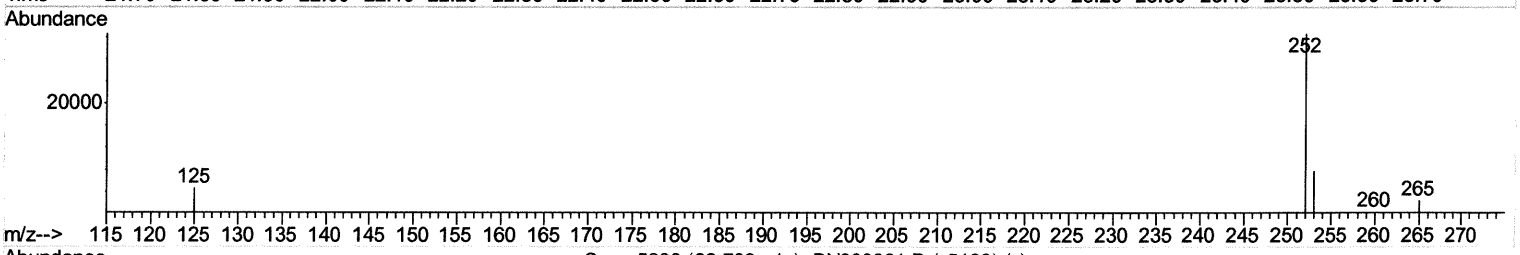

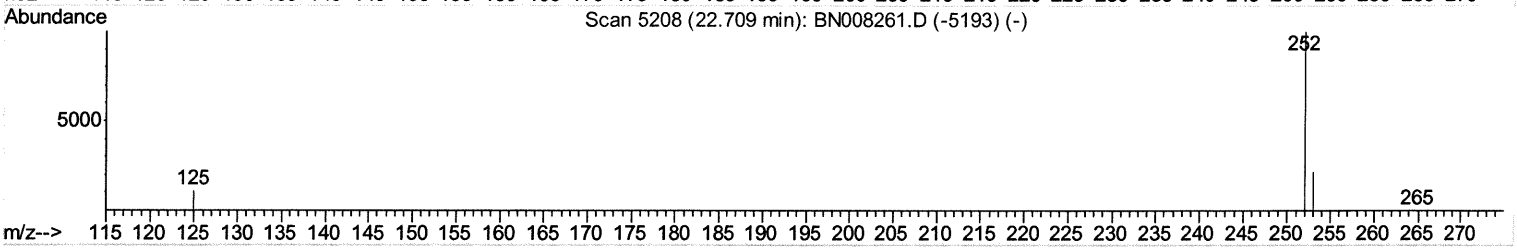

TIC: BN008277.D

(21) Benzo(b)fluoranthene

22.709min (+0.000) 2.02ng/ul

response 95349

Ion	Exp%	Act%
252.00	100	100
253.00	26.70	24.01
125.00	16.20	13.85
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102119\
Data File : BN008277.D
Acq On : 21 Oct 2019 11:37
Operator : JU
Sample : K5199-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Oct 21 15:42:09 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 15:18:52 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BEP74

Manual Integrations APPROVED
mohammad
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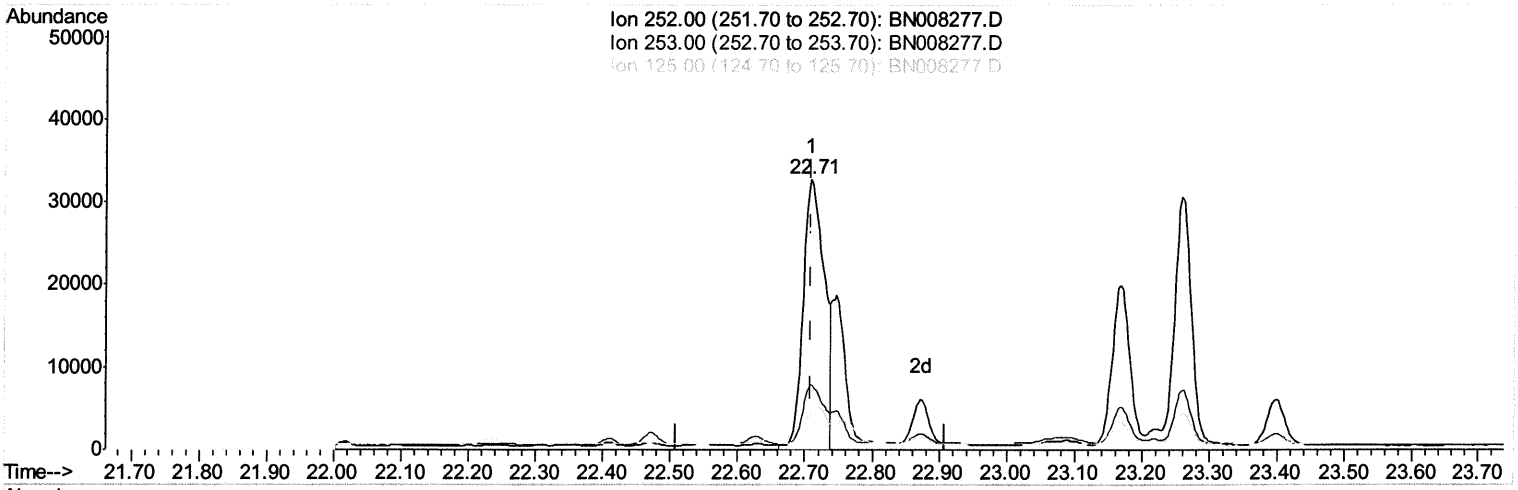

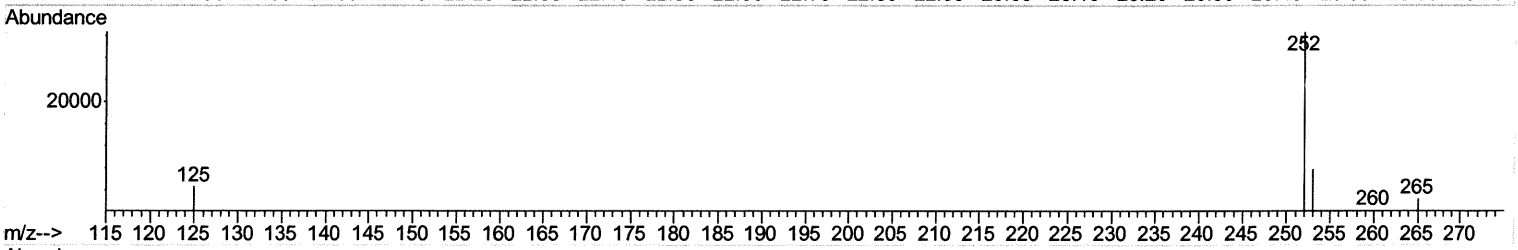

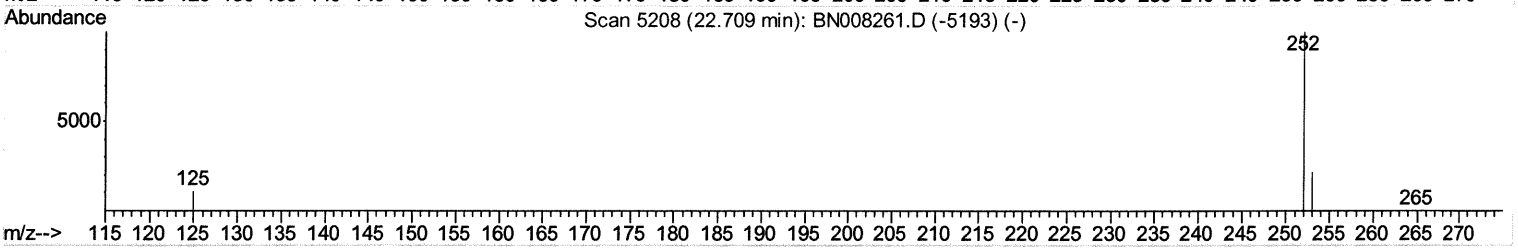

TIC: BN008277.D

(21) Benzo(b)fluoranthene

22.709min (+0.000) 1.54ng/ul m JY 10.23.19

response 72691

Ion	Exp%	Act%
252.00	100	100
253.00	26.70	24.01
125.00	16.20	13.85
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102119\
Data File : BN008277.D
Acq On : 21 Oct 2019 11:37
Operator : JU
Sample : K5199-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Oct 21 15:42:09 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 15:18:52 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BEP74

Manual Integrations APPROVED
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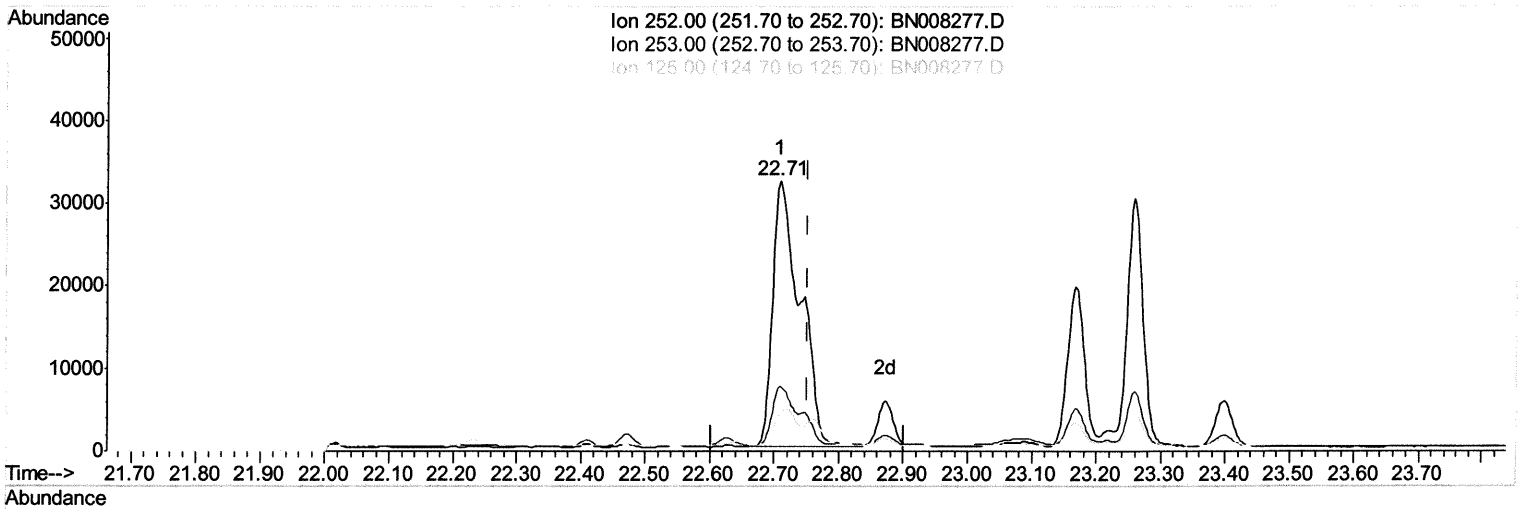

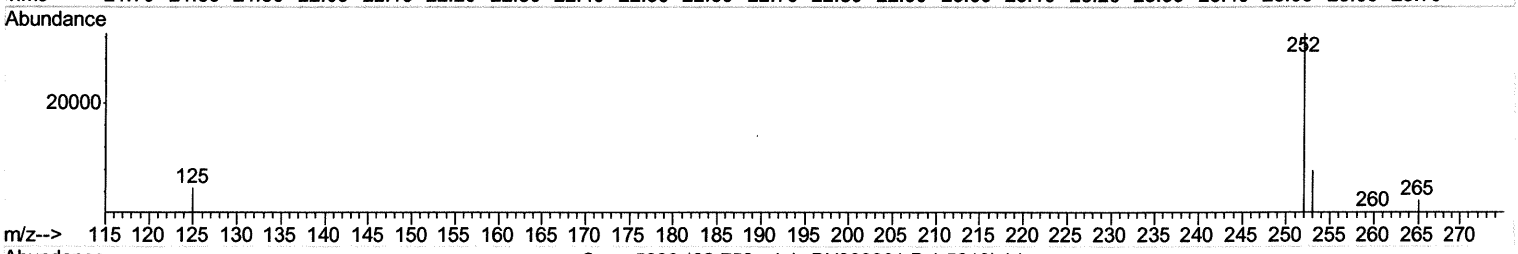

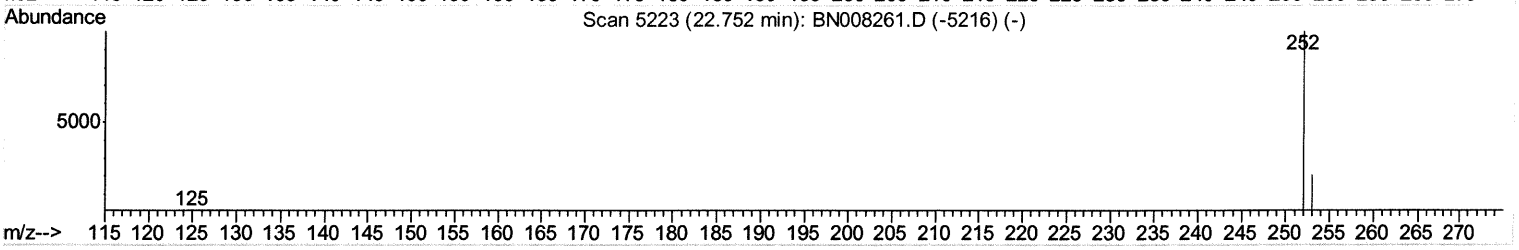

TIC: BN008277.D

(22) Benzo(k)fluoranthene

22.709min (-0.044) 1.78ng/ul

response 95349

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	24.01
125.00	15.40	13.85
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102119\
Data File : BN008277.D
Acq On : 21 Oct 2019 11:37
Operator : JU
Sample : K5199-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Oct 21 15:42:09 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 15:18:52 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BEP74

Manual Integrations APPROVED
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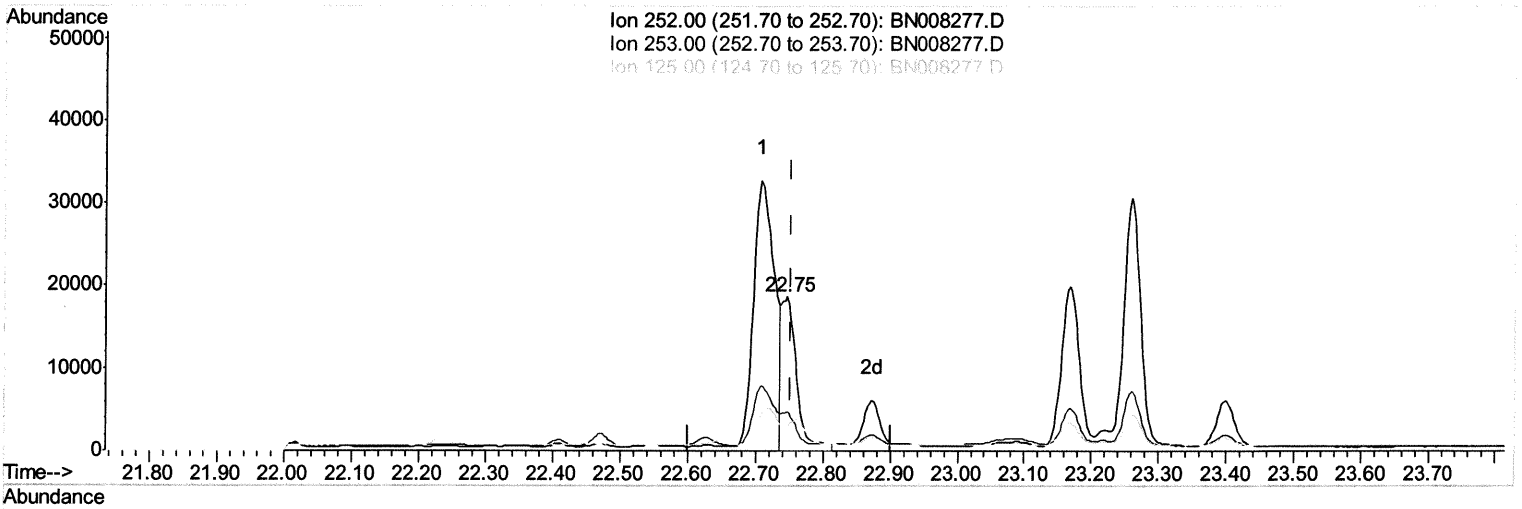

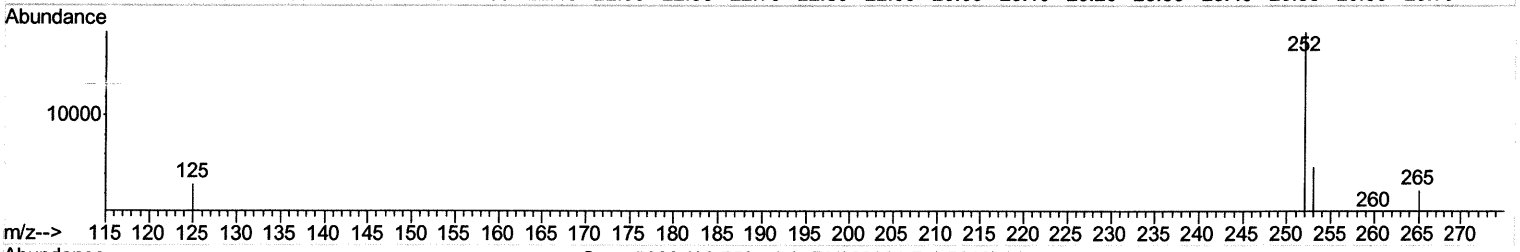

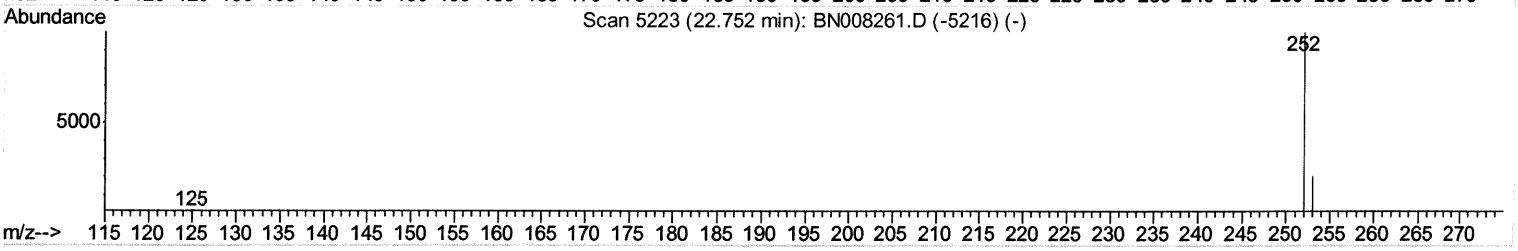

TIC: BN008277.D

(22) Benzo(k)fluoranthene

22.747min (-0.006) 0.57ng/ul m JU 10.23.19

response 30287

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	25.32
125.00	15.40	16.09
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102119\
Data File : BN008277.D
Acq On : 21 Oct 2019 11:37
Operator : JU
Sample : K5199-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Oct 21 15:43:10 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 15:18:52 2019
Response via : Initial Calibration

Instrument : BNA_N
ClientSampleId : BEP74

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	1771	0.40	ng/ul	0.00
2) Naphthalene-d8	10.35	136	8428	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.22	164	5349	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.97	188	12078m	0.40	ng/ul	0.00
16) Chrysene-d12	21.18	240	12131	0.40	ng/ul	0.00
20) Perylene-d12	23.35	264	14530	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.95	152	3571	0.25	ng/ul	0.00
14) Fluoranthene-d10	19.01	212	11489	0.28	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.40	128	6255	0.261	ng/ul	98
5) 2-Methylnaphthalene	12.03	142	5352	0.325	ng/ul	100
7) Acenaphthylene	13.94	152	1738	0.068	ng/ul#	81
8) Acenaphthene	14.29	153	10427	0.526	ng/ul	99
9) Fluorene	15.28	166	8165	0.363	ng/ul	96
12) Phenanthrene	17.01	178	107237	3.033	ng/ul	99
13) Anthracene	17.11	178	23127	0.743	ng/ul	99
15) Fluoranthene	19.04	202	114818	2.458	ng/ul	97
17) Pyrene	19.40	202	125593	2.600	ng/ul	100
18) Benzo(a)anthracene	21.16	228	65680	1.489	ng/ul	99
19) Chrysene	21.21	228	71380	1.319	ng/ul	99
21) Benzo(b)fluoranthene	22.71	252	72691m	1.537	ng/ul	
22) Benzo(k)fluoranthene	22.75	252	30287m	0.565	ng/ul	
23) Benzo(a)pyrene	23.26	252	51692	1.039	ng/ul#	87
24) Indeno(1,2,3-cd)pyrene	25.51	276	27740	0.473	ng/ul#	95
25) Dibenzo(a,h)anthracene	25.51	278	7173	0.155	ng/ul#	89
26) Benzo(g,h,i)perylene	26.16	276	23205	0.432	ng/ul	98

JU 10.23.19

JU 10.23.19

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