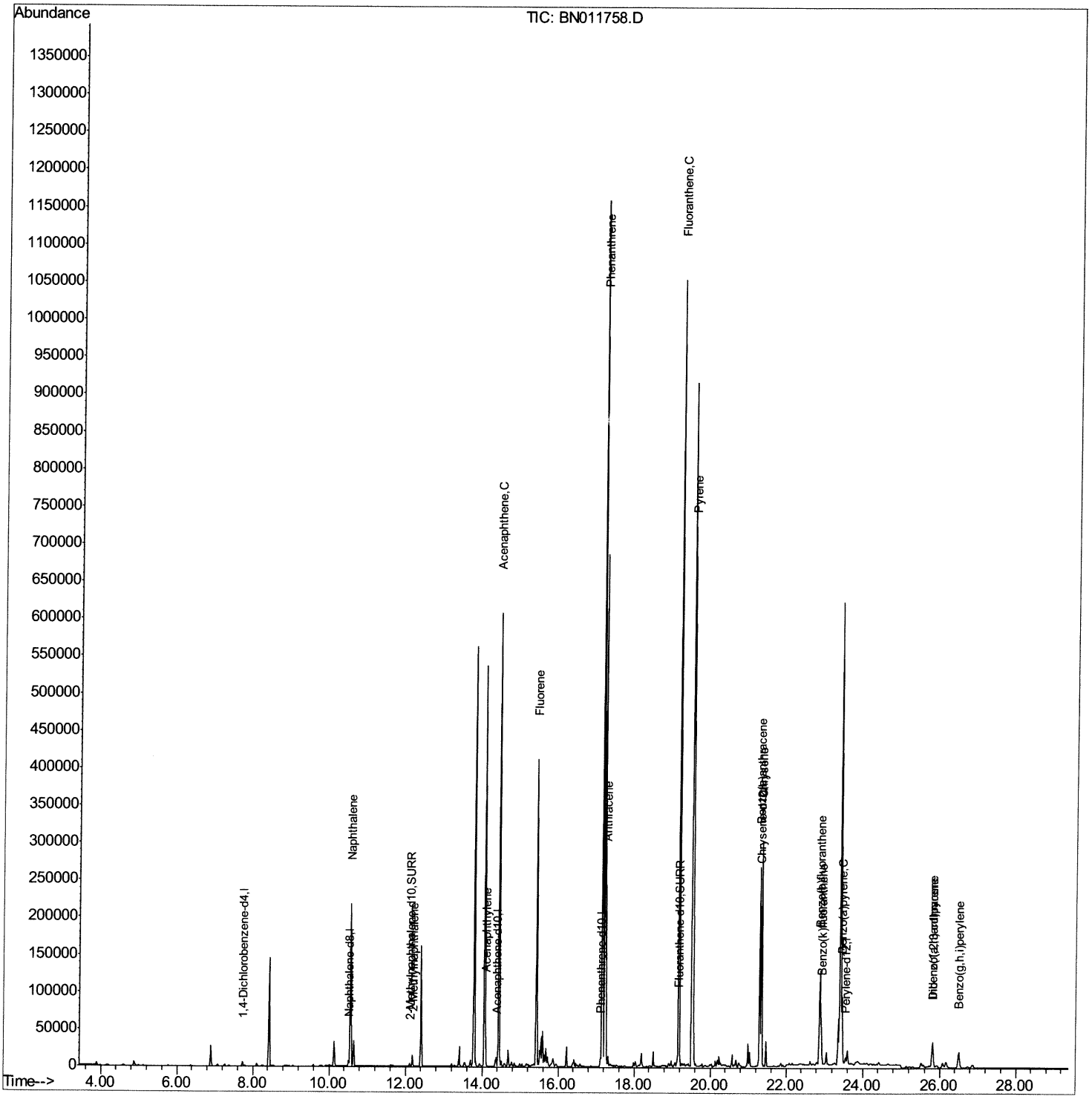
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN090820\
Data File : BN011758.D
Acq On : 09 Sep 2020 04:33
Operator : CG/JU
Sample : L3843-06
Misc :
ALS Vial : 31 Sample Multiplier: 1

Quant Time: Sep 09 07:45:37 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN090820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 09 07:05:35 2020
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0AC8

Manual Integrations APPROVED
Sohil
9/9/2020 3:46:42 PM



Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN090820\
Data File : BN011758.D
Acq On : 09 Sep 2020 04:33
Operator : CG/JU
Sample : L3843-06
Misc :
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Quant Time: Sep 09 07:13:27 2020
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ClientSampleId :
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Manual Integrations APPROVED
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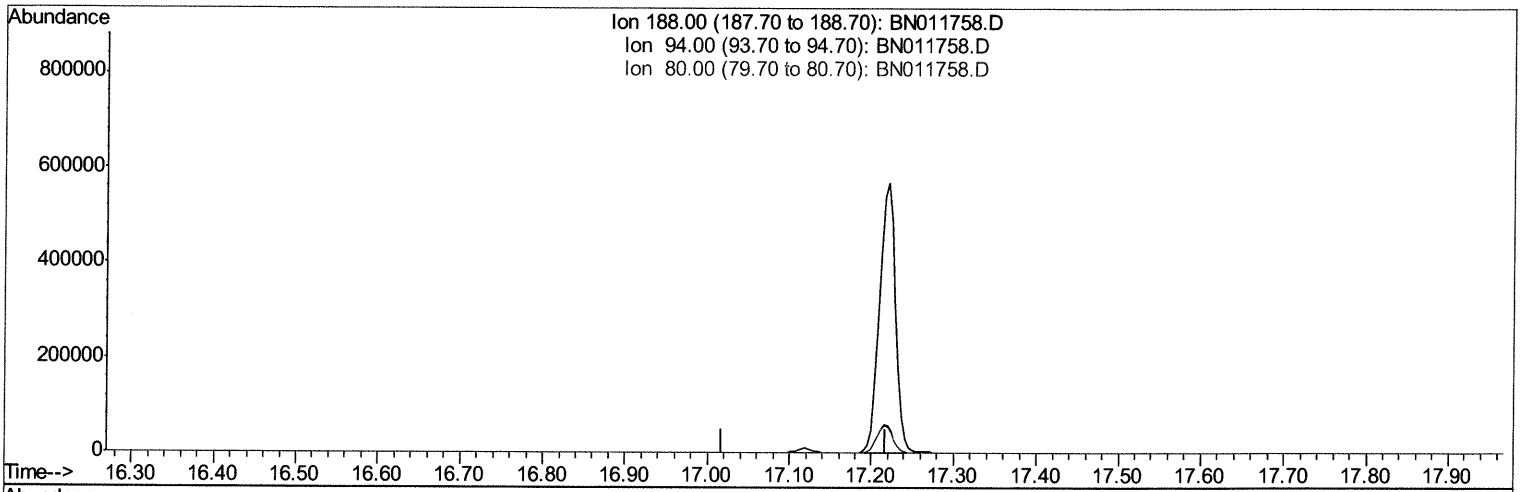
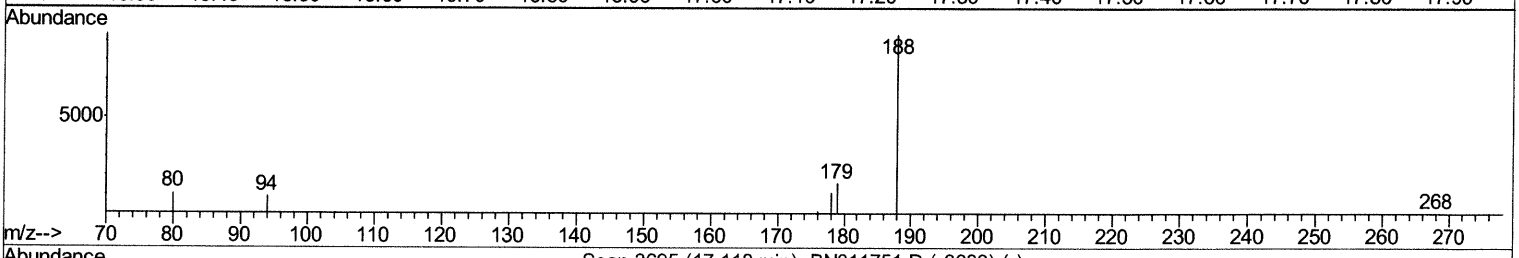
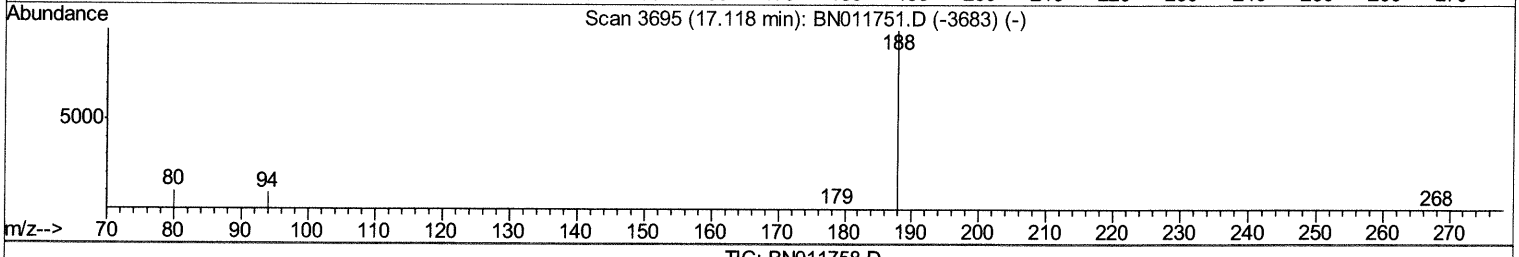
9/9/2020 3:46:42 PM







TIC: BN011758.D

(10) Phenanthrene-d10 (I)

17.118min (-17.118) 0.00ng/ul

response 0

Ion	Exp%	Act%
188.00	100	0.00
94.00	8.40	0.00#
80.00	9.90	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

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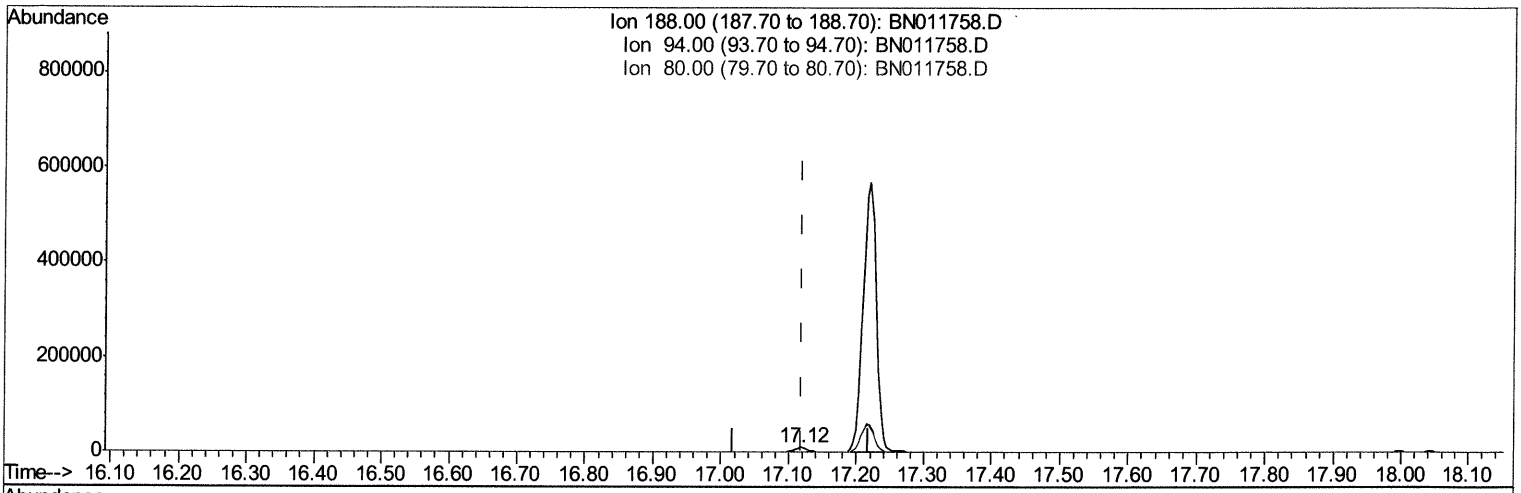
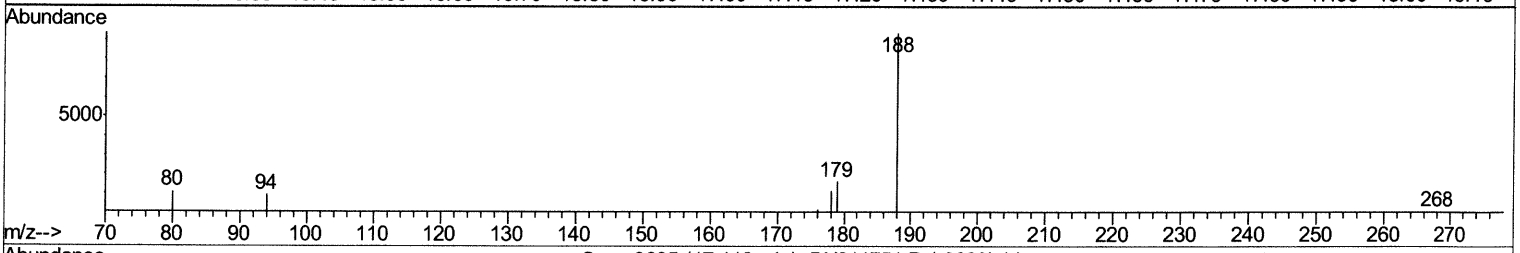
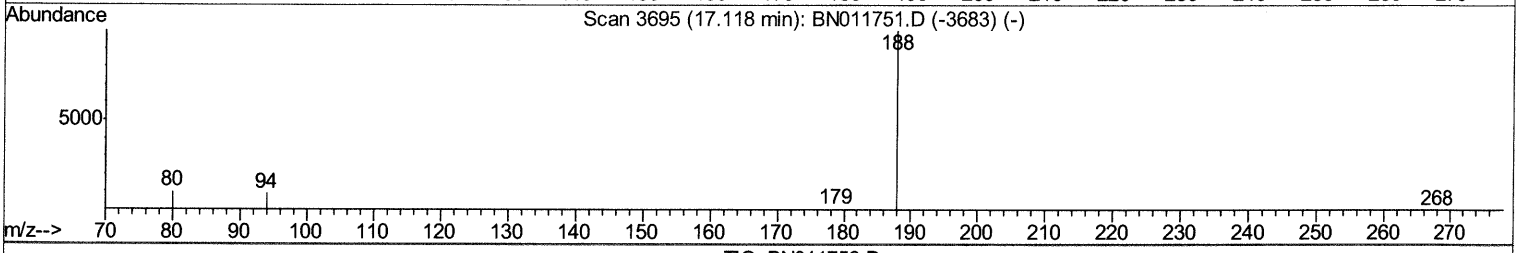
Manual Integrations APPROVED
Sohil
9/9/2020 3:46:42 PM







TIC: BN011758.D

(10) Phenanthrene-d10 (I)

17.118min (+0.000) 0.40ng/ul m 09/09/20 JU

response 13104

Ion	Exp%	Act%
188.00	100	100
94.00	8.40	10.01
80.00	9.90	11.47
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN090820\
Data File : BN011758.D
Acq On : 09 Sep 2020 04:33
Operator : CG/JU
Sample : L3843-06
Misc :
ALS Vial : 31 Sample Multiplier: 1

Quant Time: Sep 09 07:44:35 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN090820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 09 07:05:35 2020
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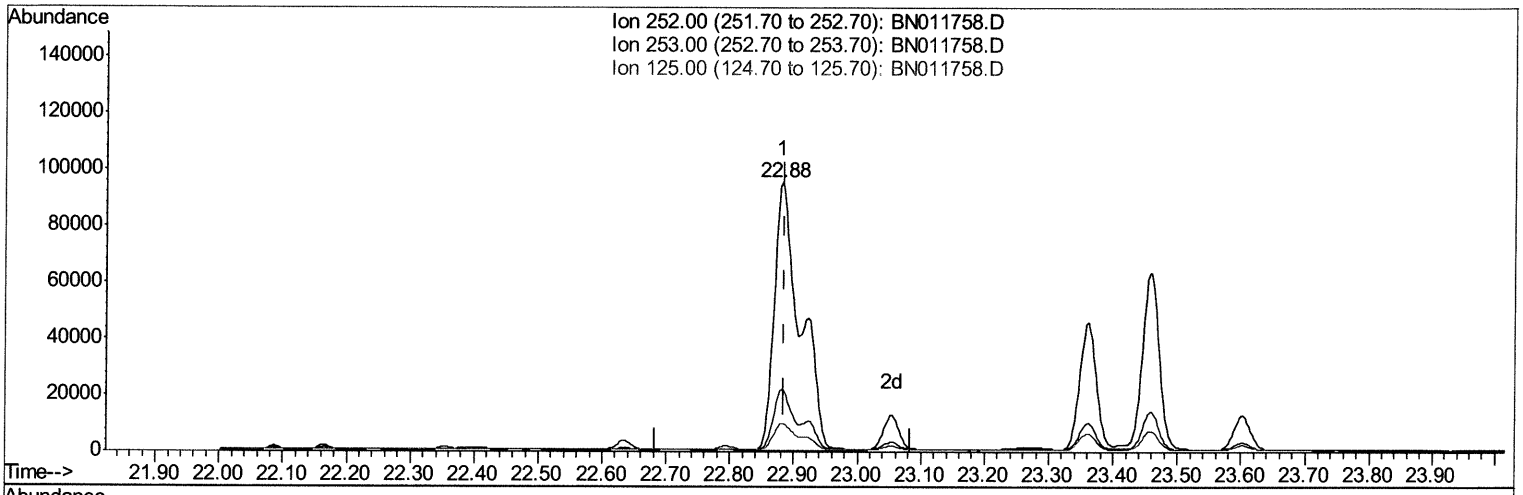
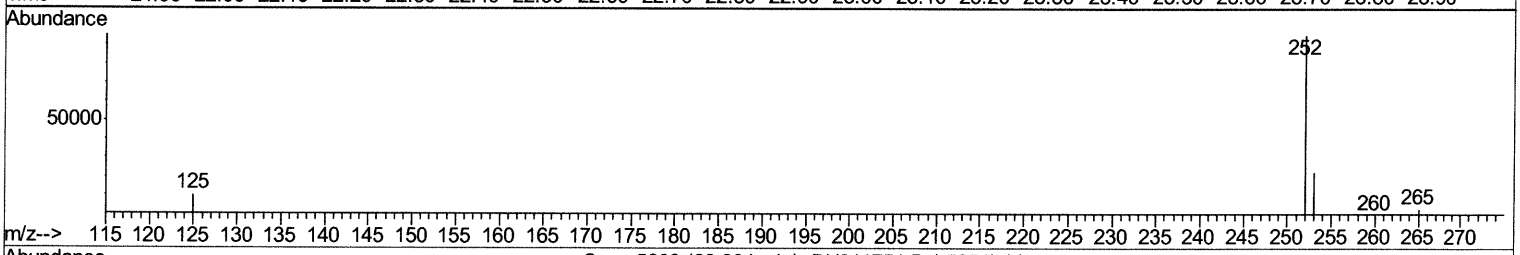
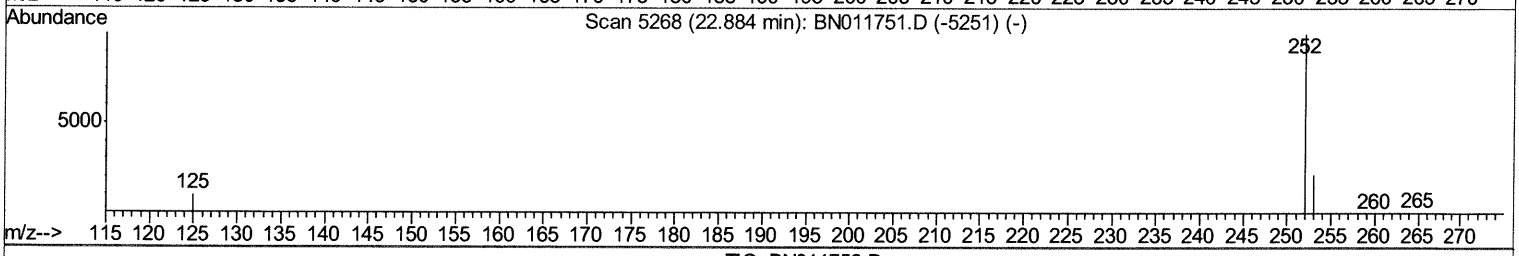
Instrument :
BNA_N
ClientSampleId :
C0AC8

Manual Integrations APPROVED
Sohil
9/9/2020 3:46:42 PM







TIC: BN011758.D

(21) Benzo(b)fluoranthene

22.881min (-0.003) 5.26ng/ul

response 268795

Ion	Exp%	Act%
252.00	100	100
253.00	25.30	23.11
125.00	11.80	10.57
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN090820\
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Acq On : 09 Sep 2020 04:33
Operator : CG/JU
Sample : L3843-06
Misc :
ALS Vial : 31 Sample Multiplier: 1

Quant Time: Sep 09 07:44:35 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN090820.M
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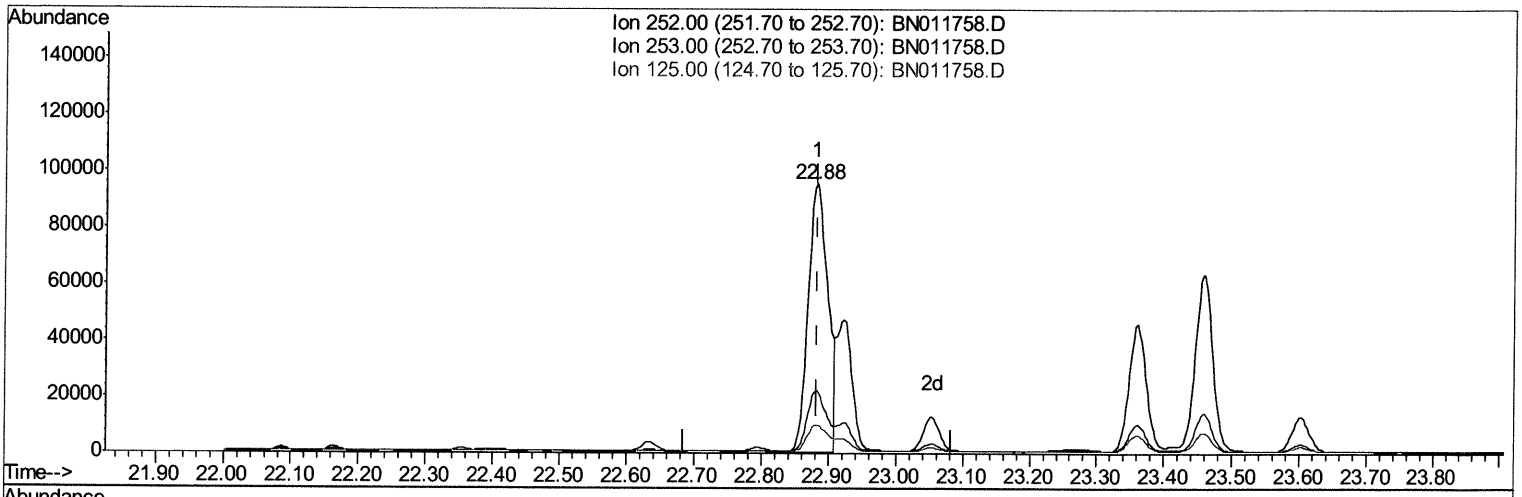
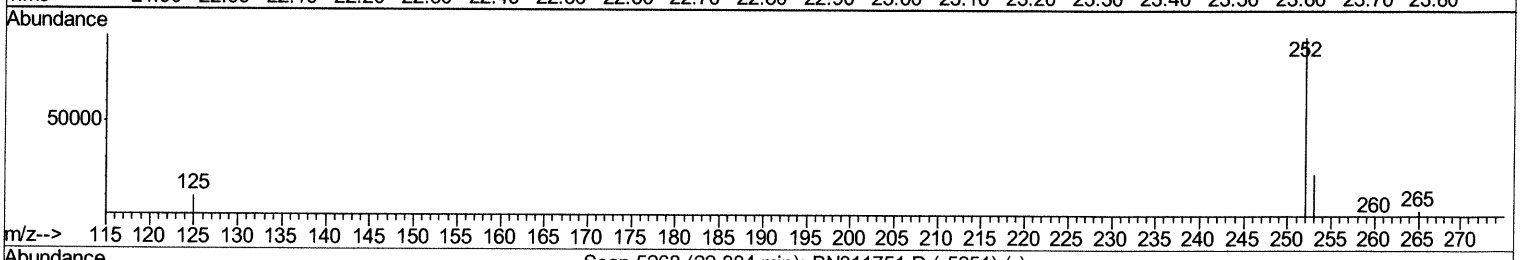
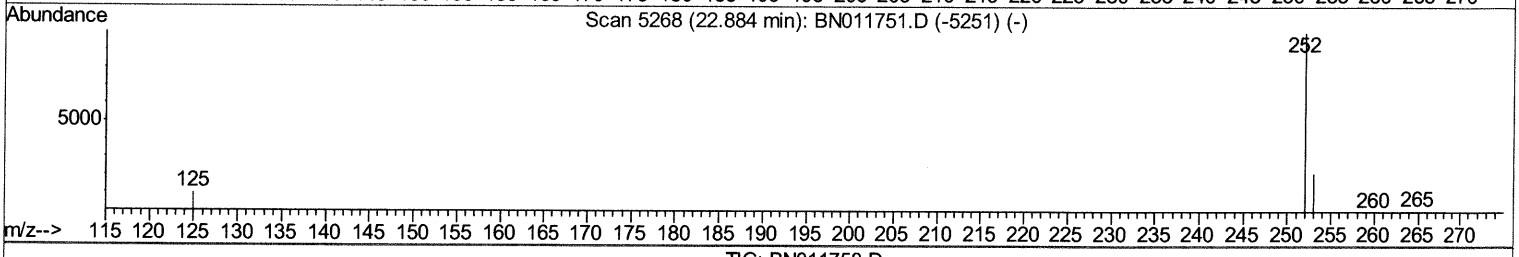
Instrument :
BNA_N
ClientSampleId :
C0AC8

Manual Integrations APPROVED
Sohil
9/9/2020 3:46:42 PM







TIC: BN011758.D

(21) Benzo(b)fluoranthene

22.881min (-0.003) 3.76ng/ul m 09/09/20 JU

response 192402

Ion	Exp%	Act%
252.00	100	100
253.00	25.30	23.11
125.00	11.80	10.57
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN090820\
Data File : BN011758.D
Acq On : 09 Sep 2020 04:33
Operator : CG/JU
Sample : L3843-06
Misc :
ALS Vial : 31 Sample Multiplier: 1

Quant Time: Sep 09 07:44:35 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN090820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 09 07:05:35 2020
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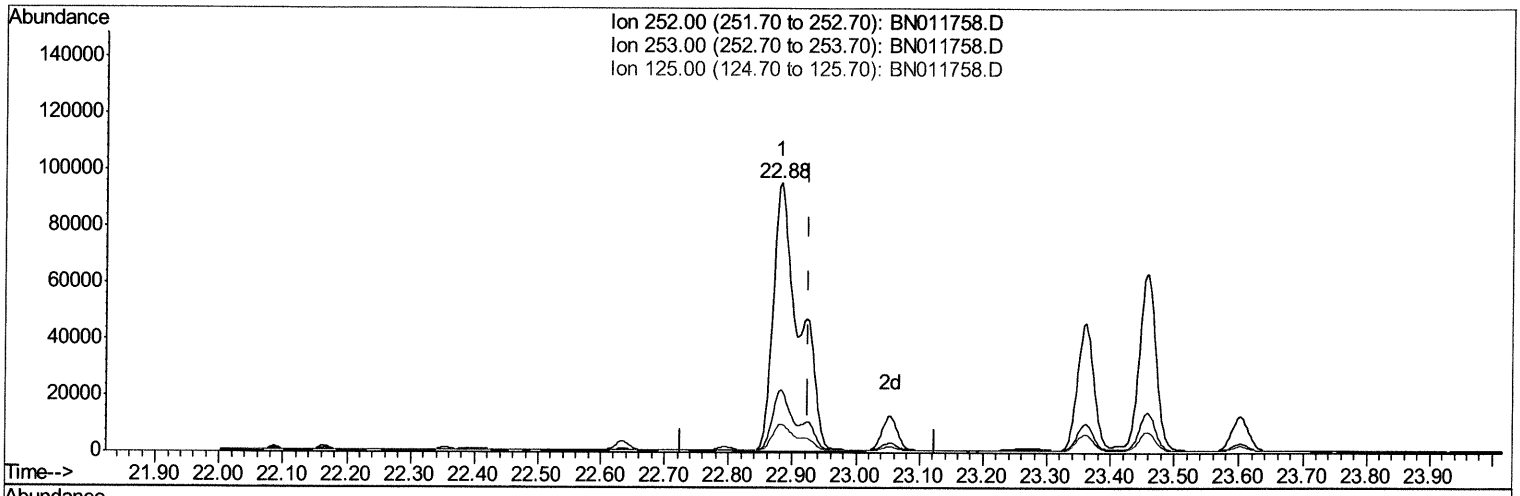
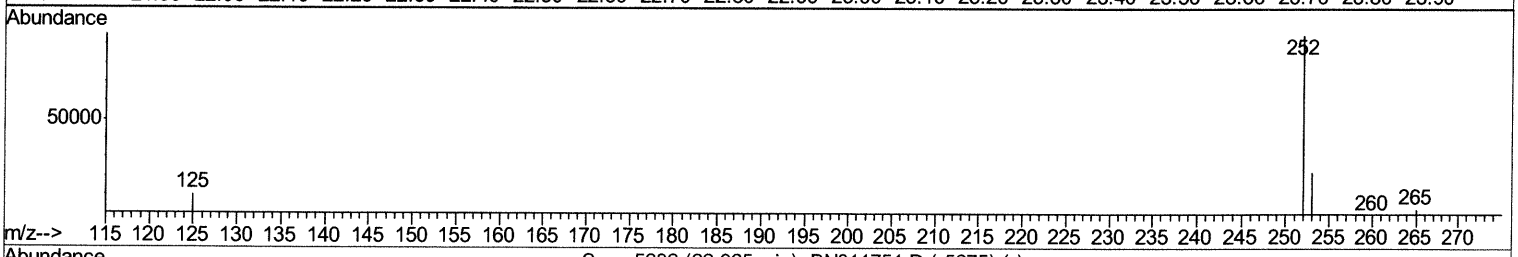
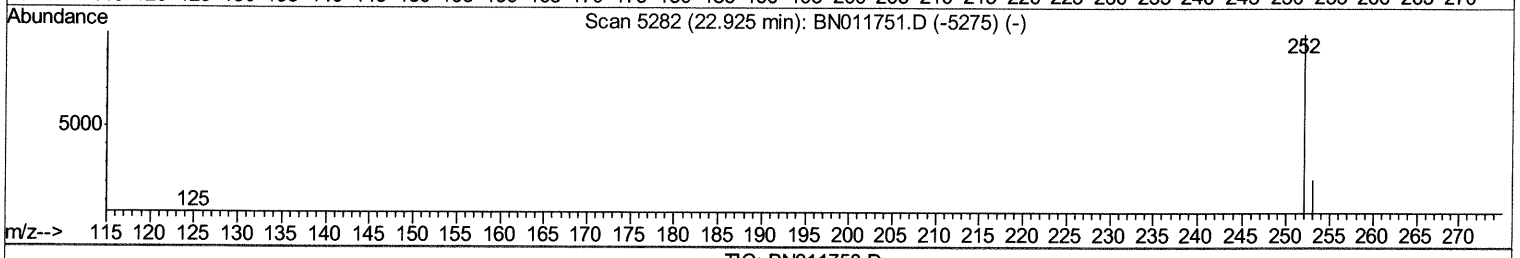
Instrument :
BNA_N
ClientSampleId :
C0AC8

Manual Integrations APPROVED
Sohil
9/9/2020 3:46:42 PM







TIC: BN011758.D

(22) Benzo(k)fluoranthene

22.881min (-0.044) 5.13ng/ul

response 268795

Ion	Exp%	Act%
252.00	100	100
253.00	25.90	23.11
125.00	12.10	10.57
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN090820\
Data File : BN011758.D
Acq On : 09 Sep 2020 04:33
Operator : CG/JU
Sample : L3843-06
Misc :
ALS Vial : 31 Sample Multiplier: 1

Quant Time: Sep 09 07:44:35 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN090820.M
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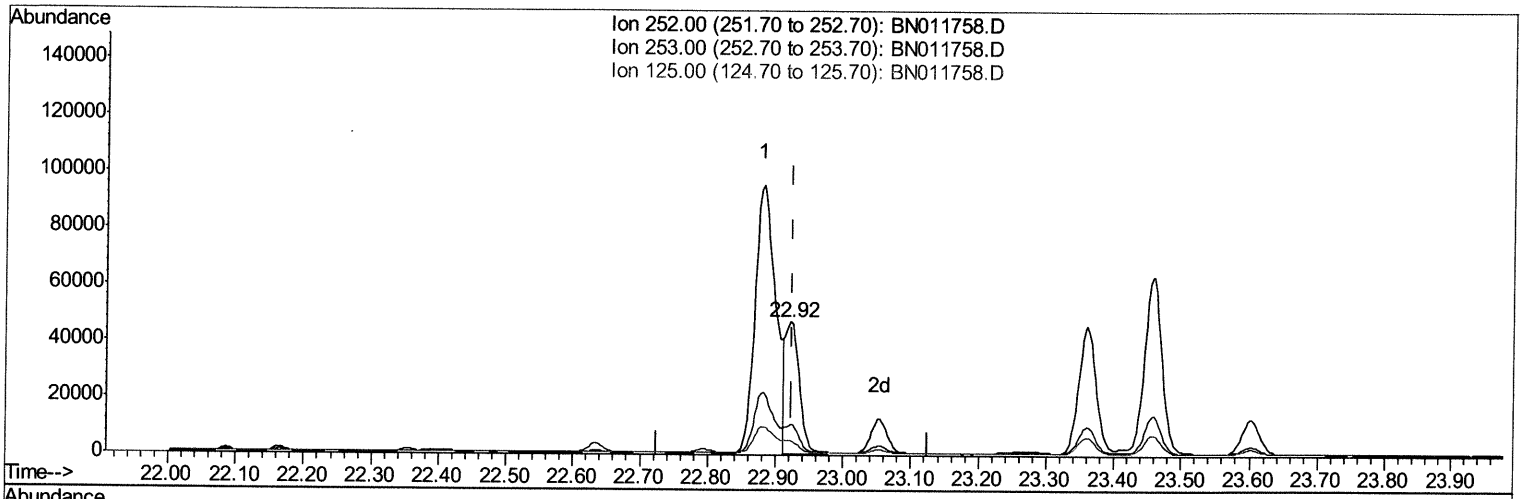
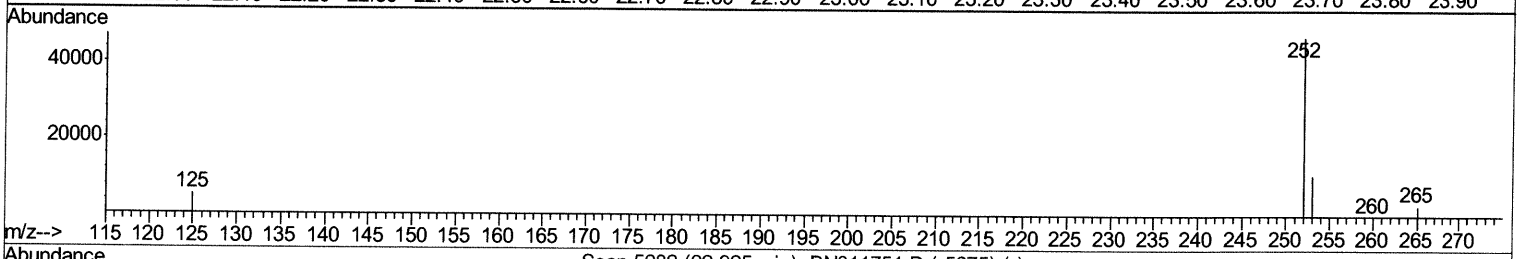
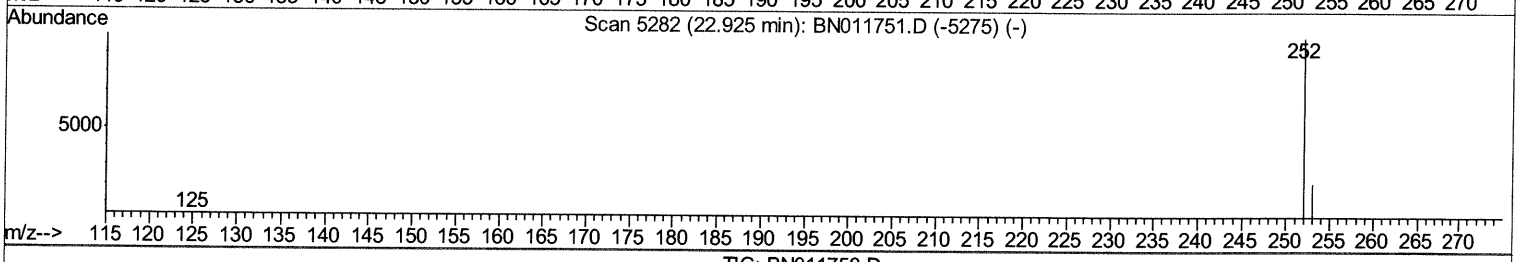
Instrument :
BNA_N
ClientSampleId :
C0AC8

Manual Integrations APPROVED
Sohil
9/9/2020 3:46:42 PM







TIC: BN011758.D

(22) Benzo(k)fluoranthene

22.922min (-0.003) 1.35ng/ul m 09/09/20 JU

response 70803

Ion	Exp%	Act%
252.00	100	100
253.00	25.90	23.10
125.00	12.10	11.00
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Acq On : 09 Sep 2020 04:33
Operator : CG/JU
Sample : L3843-06
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AC8

Manual Integrations APPROVED
Sohil
9/9/2020 3:46:42 PM

Quant Time: Sep 09 07:45:37 2020
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	2422	0.40	ng/ul	0.00
2) Naphthalene-d8	10.52	136	9760	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.38	164	6144	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.12	188	13104m >	0.40	ng/ul >	0.00 09/09/20 JU
16) Chrysene-d12	21.31	240	11520	0.40	ng/ul	0.00
20) Perylene-d12	23.55	264	10905	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.11	152	4251	0.28	ng/ul	0.00
14) Fluoranthene-d10	19.15	212	10043	0.29	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.57	128	286471	9.918	ng/ul	98
5) 2-Methylnaphthalene	12.18	142	10266	0.533	ng/ul	100
7) Acenaphthylene	14.09	152	9816	0.331	ng/ul#	83
8) Acenaphthene	14.44	153	339114	14.263	ng/ul	98
9) Fluorene	15.43	166	245869	8.947	ng/ul	97
12) Phenanthrene	17.16	178	1147755	26.043	ng/ul	98
13) Anthracene	17.25	178	243112	6.195	ng/ul	99
15) Fluoranthene	19.18	202	887397	18.118	ng/ul	99
17) Pyrene	19.54	202	592573	11.583	ng/ul	96
18) Benzo(a)anthracene	21.29	228	216952	4.843	ng/ul	99
19) Chrysene	21.34	228	266735	5.332	ng/ul	98
21) Benzo(b)fluoranthene	22.88	252	192402m }	3.764	ng/ul }	09/09/20 JU
22) Benzo(k)fluoranthene	22.92	252	70803m }	1.351	ng/ul }	
23) Benzo(a)pyrene	23.46	252	113794	2.579	ng/ul#	91
24) Indeno(1,2,3-cd)pyrene	25.81	276	50437	0.870	ng/ul#	100
25) Dibenzo(a,h)anthracene	25.82	278	15764	0.333	ng/ul	95
26) Benzo(g,h,i)perylene	26.50	276	42139	0.832	ng/ul	97

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