

Quantitation Report (QT Reviewed)

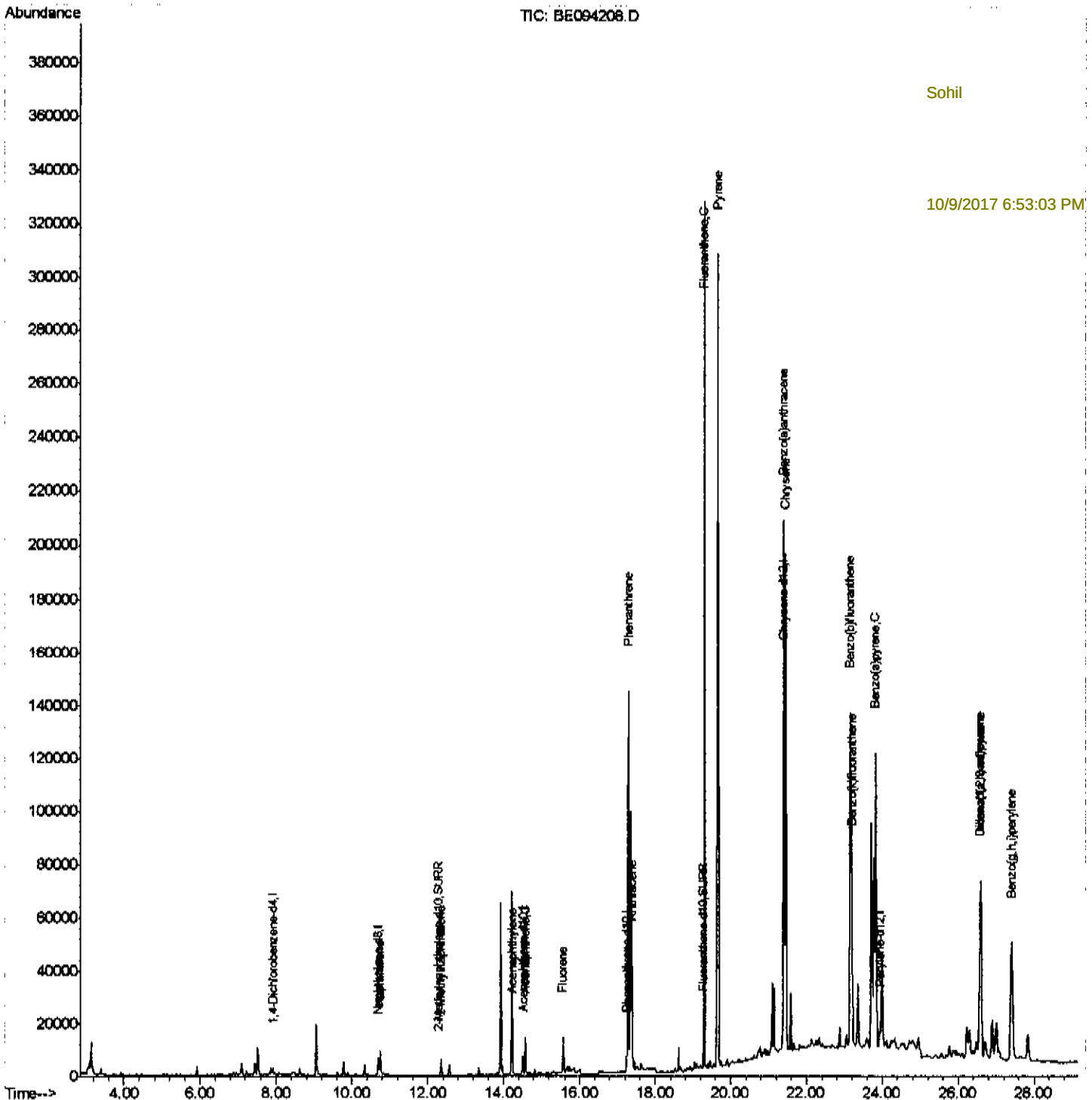
Data Path : Z:\HPCHEM1\BNA E\DATA\BE100717\
 Data File : BE094208.D
 Acq On : 7 Oct 2017 18:32
 Operator : SJ/JU
 Sample : I5449-03DL 5X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 B-60(FILL)-092617DL

Manual Integrations
 APPROVED

Sohil
 10/9/2017 6:53:03 PM

Quant Time: Oct 08 02:06:10 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 OLast Update : Fri Sep 22 01:38:22 2017
 Response via : Initial Calibration



Sohil

10/9/2017 6:53:03 PM

Quantitation Report (Qedit)

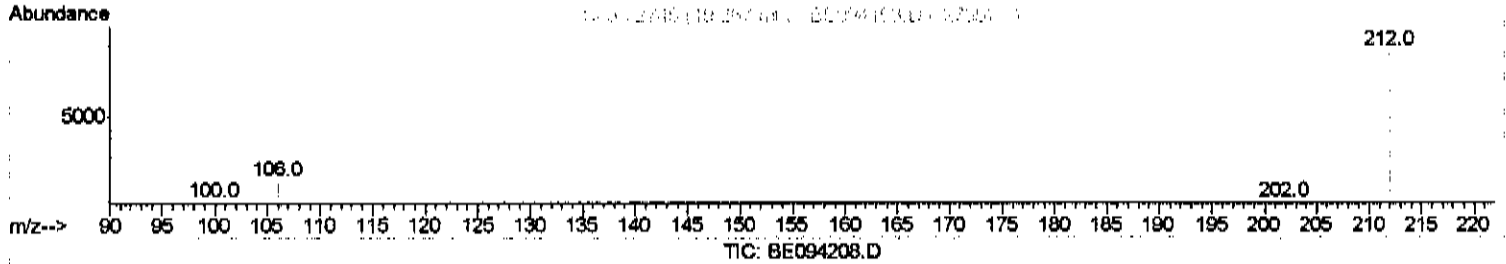
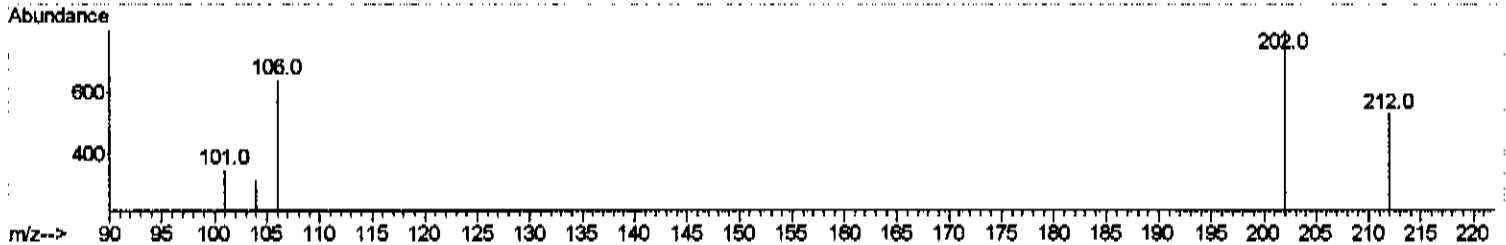
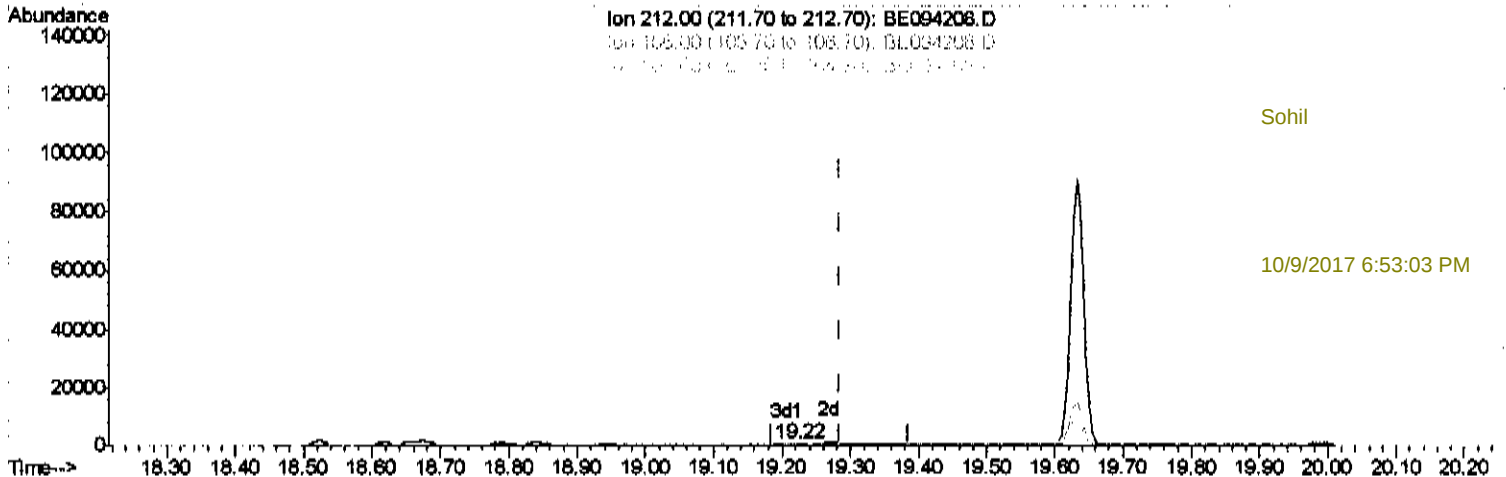
Data Path : Z:\HPCHEM1\BNA E\DATA\BE100717\
 Data File : BE094208.D
 Acq On : 7 Oct 2017 18:32
 Operator : SJ/JU
 Sample : I5449-03DL 5X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 B-60(FILL)-092617DL

Manual Integrations
 APPROVED

Sohil
 10/9/2017 6:53:03 PM

Quant Time: Oct 07 23:53:23 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 22 01:38:22 2017
 Response via : Initial Calibration



(14) Fluoranthene-d10 (SURR)

19.222min (-0.063) 0.01ng/ul

response 147

Ion	Exp%	Act%
212.00	100	100
106.00	18.30	0.00#
104.00	15.60	60.54#
0.00	0.00	0.00

Quantitation Report (Qedit)

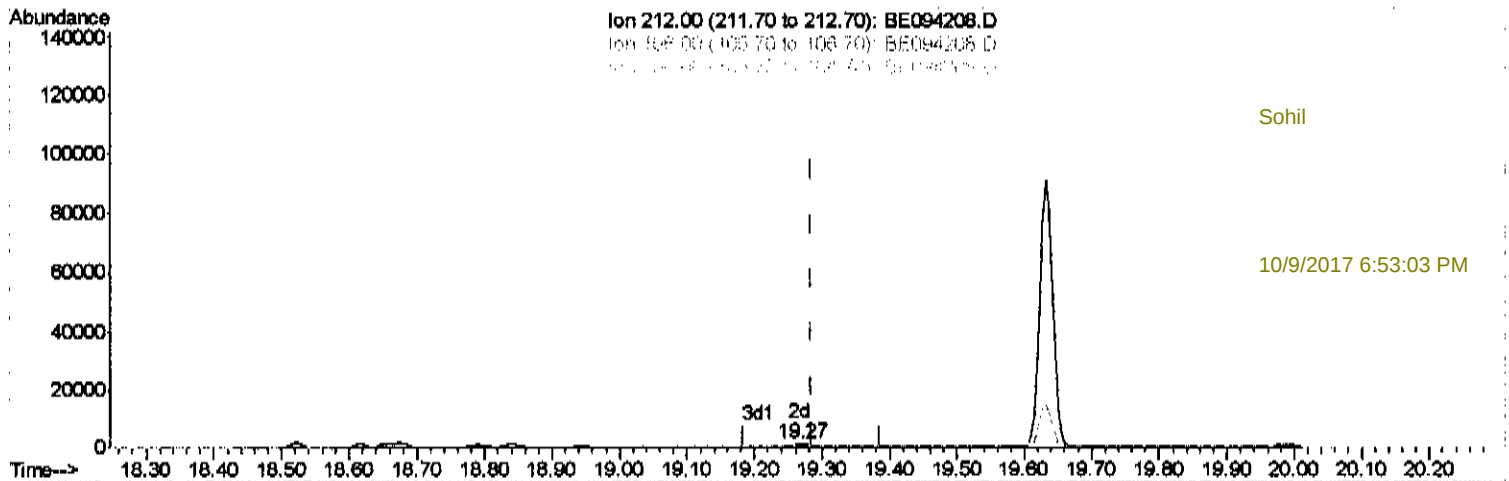
Data Path : Z:\HPCHEM1\BNA E\DATA\BE100717\
 Data File : BE094208.D
 Acq On : 7 Oct 2017 18:32
 Operator : SJ/JU
 Sample : I5449-03DL 5X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 B-60(FILL)-092617DL

Manual Integrations
 APPROVED

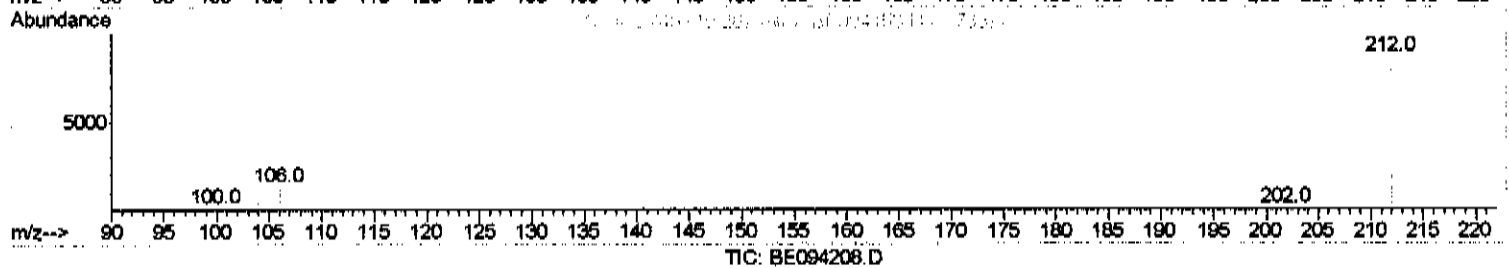
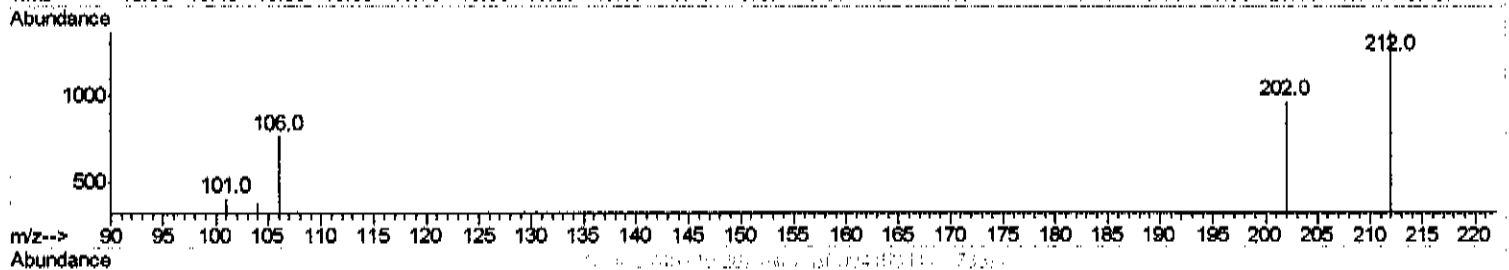
Sohil
 10/9/2017 6:53:03 PM

Quant Time: Oct 07 23:53:23 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 22 01:38:22 2017
 Response via : Initial Calibration



Sohil

10/9/2017 6:53:03 PM



(14) Fluoranthene-d10 (SURR)

19.268min (-0.017) 0.05ng/ul m

response 1451

Ion	Exp%	Act%
212.00	100	100
106.00	18.30	0.00%
104.00	15.60	6.13%
0.00	0.00	0.00

2010/9/17

Quantitation Report (Qedit)

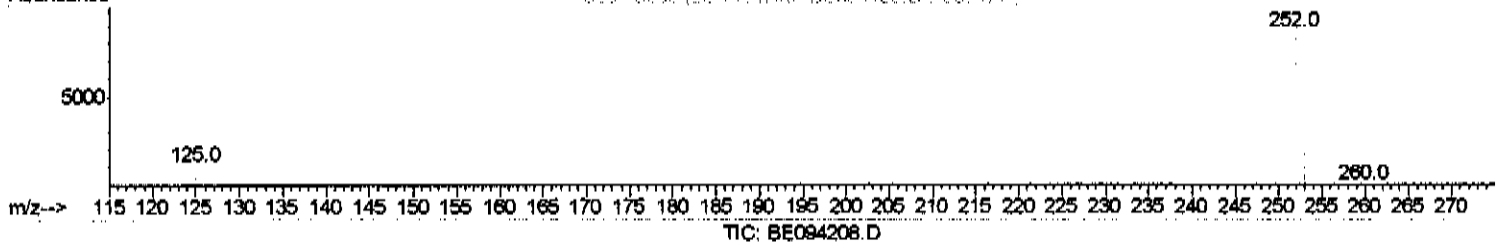
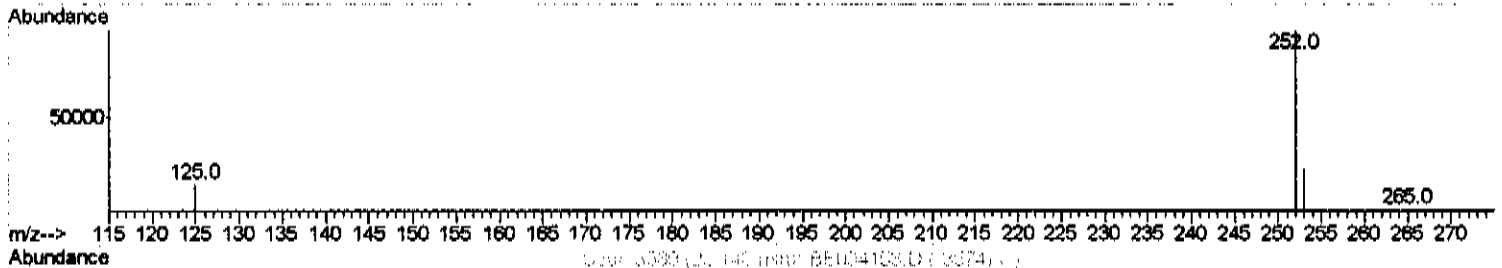
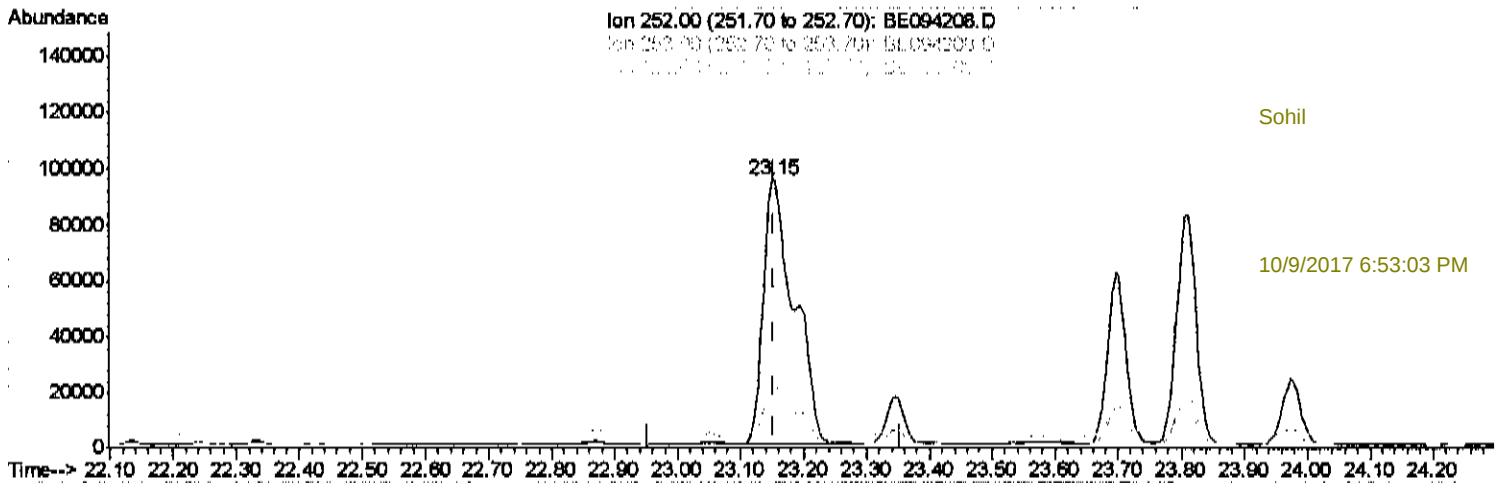
Data Path : Z:\HPCHEM1\BNA E\DATA\BE100717\
 Data File : BE094208.D
 Acq On : 7 Oct 2017 18:32
 Operator : SJ/JU
 Sample : I5449-03DL 5X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 B-60(FILL)-092617DL

Manual Integrations
 APPROVED

Sohil
 10/9/2017 6:53:03 PM

Quant Time: Oct 07 23:53:23 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 OLast Update : Fri Sep 22 01:38:22 2017
 Response via : Initial Calibration



(21) Benzo(b)fluoranthene

23.150min (-0.003) 14.37ng/ul

response 320926

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	23.72
125.00	17.50	15.30
0.00	0.00	0.00

Quantitation Report (Qedit)

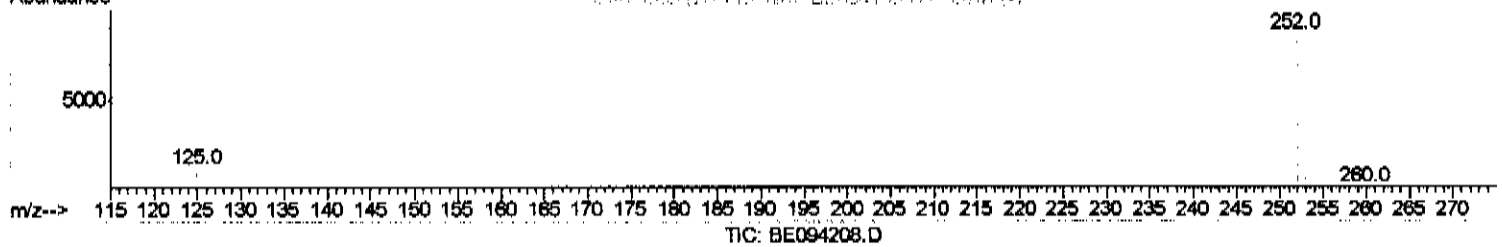
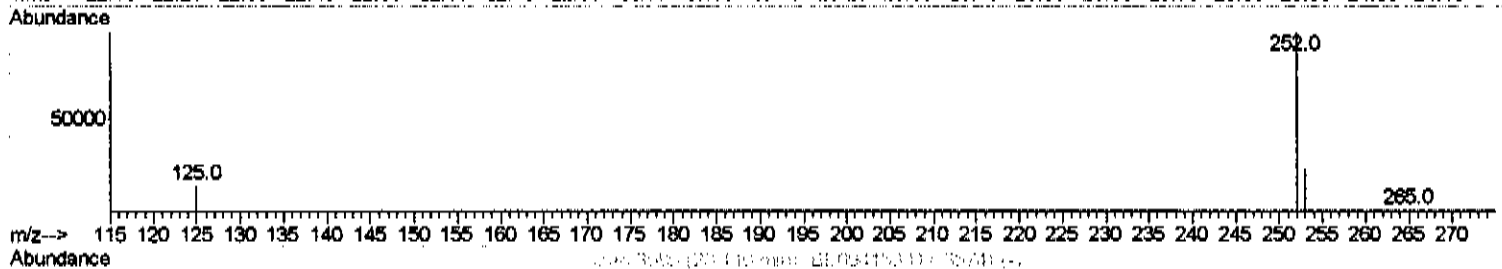
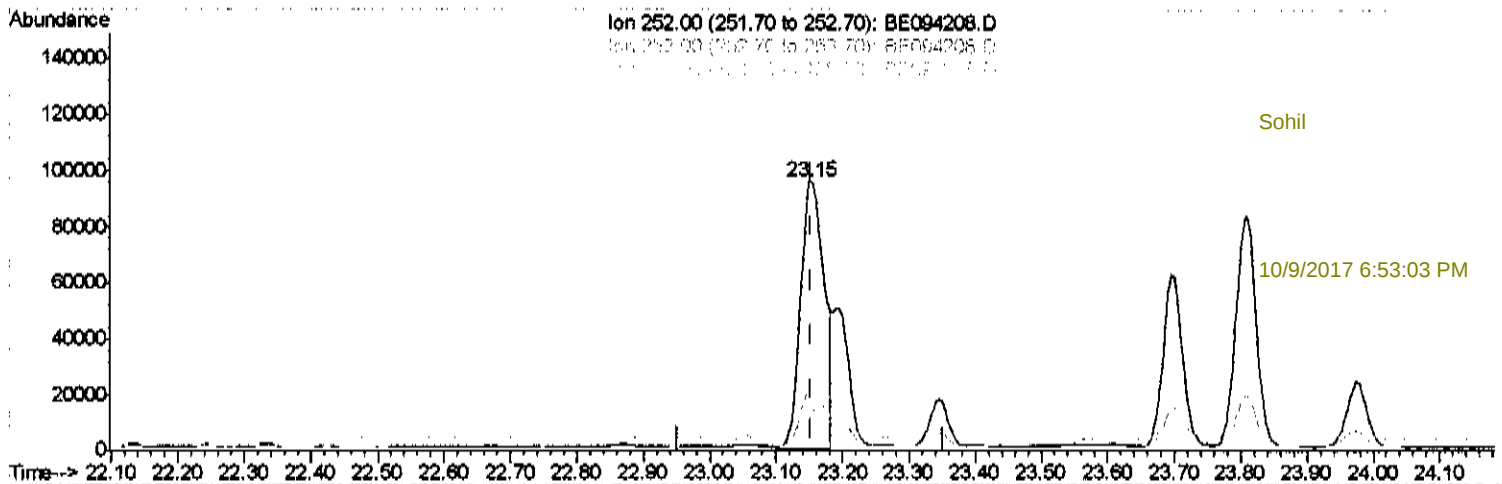
Data Path : Z:\HPCHEM1\BNA E\DATA\BE100717\
 Data File : BE094208.D
 Acq On : 7 Oct 2017 18:32
 Operator : SJ/JU
 Sample : I5449-03DL 5X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampled :
 B-60(FILL)-092617DL

Manual Integrations
 APPROVED

Sohil
 10/9/2017 6:53:03 PM

Quant Time: Oct 07 23:53:23 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 OLast Update : Fri Sep 22 01:38:22 2017
 Response via : Initial Calibration



(21) Benzo(b)fluoranthene

23.150min (-0.003) 10.75ng/ul m

response 240260

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	23.72
125.00	17.50	15.30
0.00	0.00	0.00

ju 10/9/17

Quantitation Report (Qedit)

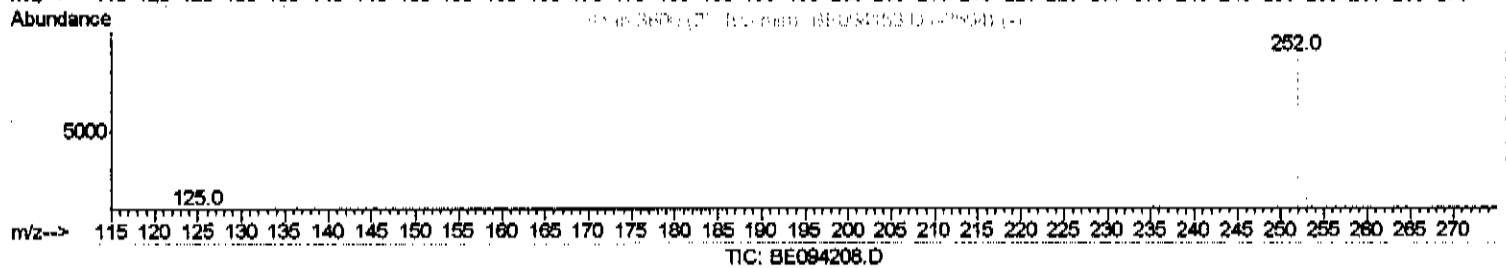
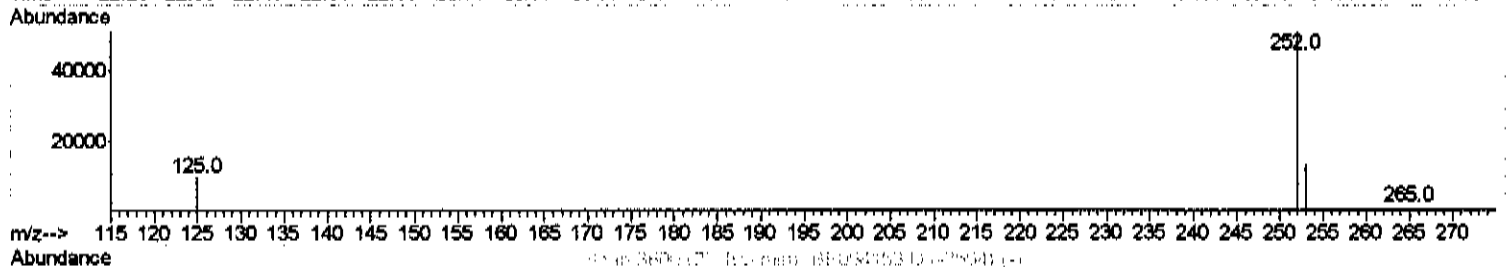
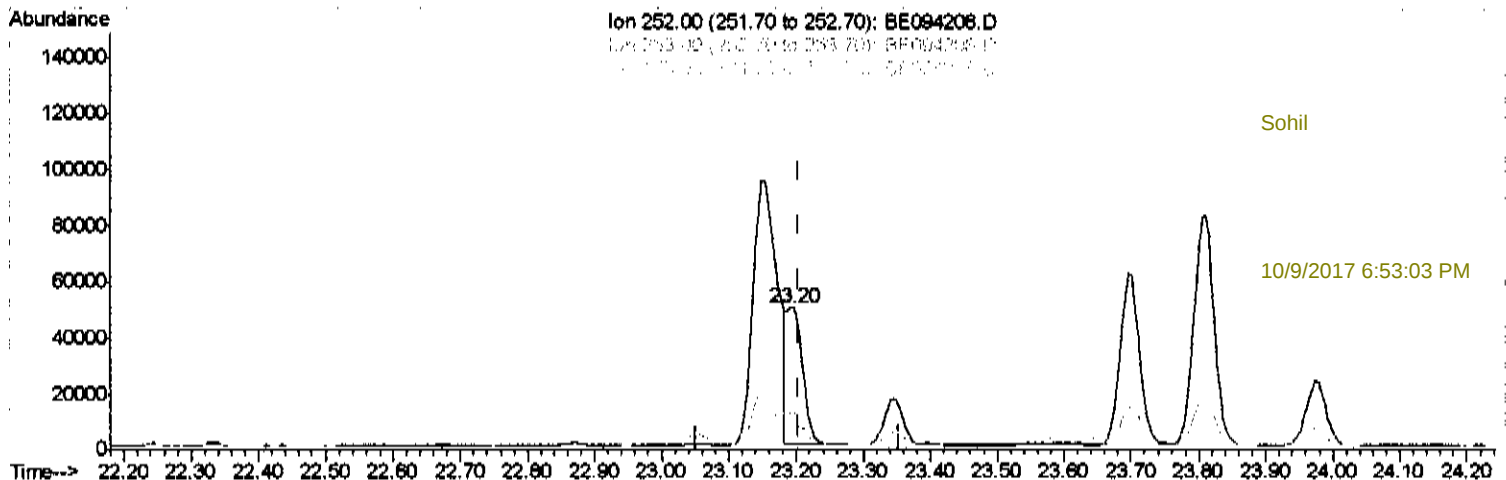
Data Path : Z:\HPCHEM1\BNA E\DATA\BE100717\
 Data File : BE094208.D
 Acq On : 7 Oct 2017 18:32
 Operator : SJ/JU
 Sample : I5449-03DL 5X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_E
 Client Sampled :
 B-60(FILL)-092617DL

Manual Integrations
 APPROVED

Sohil
 10/9/2017 6:53:03 PM

Quant Time: Oct 07 23:53:23 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 22 01:38:22 2017
 Response via : Initial Calibration



(22) Benzo(k)fluoranthene

23.195min (-0.008) 3.21ng/ul m

response 82902

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	25.85
125.00	17.10	19.74
0.00	0.00	0.00

5/10/9/17

Quantitation Report (Qedit)

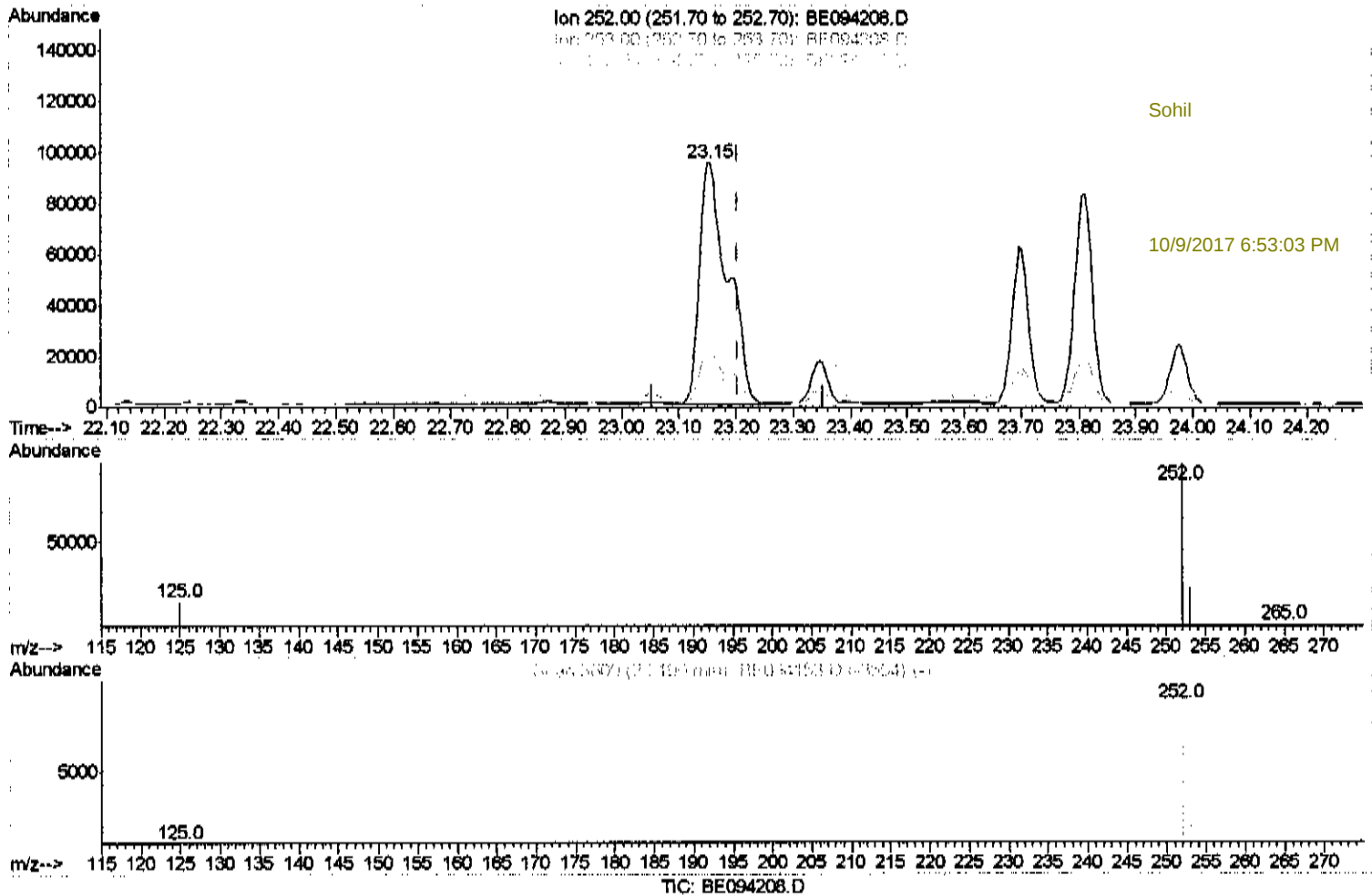
Data Path : Z:\HPCHEM1\BNA E\DATA\BE100717\
 Data File : BE094208.D
 Acq On : 7 Oct 2017 18:32
 Operator : SJ/JU
 Sample : I5449-03DL 5X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 B-60(FILL)-092617DL

Manual Integrations
 APPROVED

Sohil
 10/9/2017 6:53:03 PM

Quant Time: Oct 08 02:09:24 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 22 01:38:22 2017
 Response via : Initial Calibration



(22) Benzo(k)fluoranthene

23.150min (-0.054) 12.42ng/ul

response 320821

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	23.72#
125.00	17.10	15.30
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE100717\
 Data File : BE094208.D
 Acq On : 7 Oct 2017 18:32
 Operator : SJ/JU
 Sample : I5449-03DL 5X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_E
 Client Sample ID :
 B-60(FILL)-092617DL

Manual Integrations
 APPROVED

Sohil
 10/9/2017 6:53:03 PM

Quant Time: Oct 08 02:06:10 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 22 01:38:22 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	1261	0.40	ng/ul	0.00
2) Naphthalene-d8	10.69	136	6834	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.51	164	3854	0.40	ng/ul	-0.02
10) Phenanthrene-d10	17.24	188	8345	0.40	ng/ul	-0.03
16) Chrysene-d12	21.41	240	8523	0.40	ng/ul	0.00
20) Perylene-d12	23.92	264	8224	0.40	ng/ul	0.00

Sohil

System Monitoring Compounds
 4) 2-Methylnaphthalene-d10
 14) Fluoranthene-d10

12.27 152 578 0.05 ng/ul -0.02
 19.27 212 1451m > 0.05 ng/ul > -0.02

10/9/2017 6:53:03 PM

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Naphthalene	10.74	128	14008	0.837	ng/ul#	92
5) 2-Methylnaphthalene	12.35	142	5382	0.496	ng/ul	98
7) Acenaphthylene	14.24	152	5735	0.382	ng/ul	98
8) Acenaphthene	14.57	153	8305	0.671	ng/ul	97
9) Fluorene	15.56	166	8584	0.593	ng/ul	93
12) Phenanthrene	17.29	178	203337	9.324	ng/ul#	93
13) Anthracene	17.38	178	47853	2.256	ng/ul#	92
15) Fluoranthene	19.30	202	358585	12.514	ng/ul	84
17) Pyrene	19.66	202	339558	14.319	ng/ul#	82
18) Benzo(a)anthracene	21.39	228	191498	8.469	ng/ul#	86
19) Chrysene	21.45	228	190742	7.305	ng/ul	97
21) Benzo(b)fluoranthene	23.15	252	240260m	10.754	ng/ul	} → Ju 10/9/17
22) Benzo(k)fluoranthene	23.20	252	82902m	3.210	ng/ul	
23) Benzo(a)pyrene	23.81	252	177573	7.649	ng/ul#	
24) Indeno(1,2,3-cd)pyrene	26.58	276	125255	5.274	ng/ul#	77
25) Dibenzo(a,h)anthracene	26.58	278	32067	1.610	ng/ul#	89
26) Benzo(a,h,i)perylene	27.39	276	113655	5.549	ng/ul	98

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