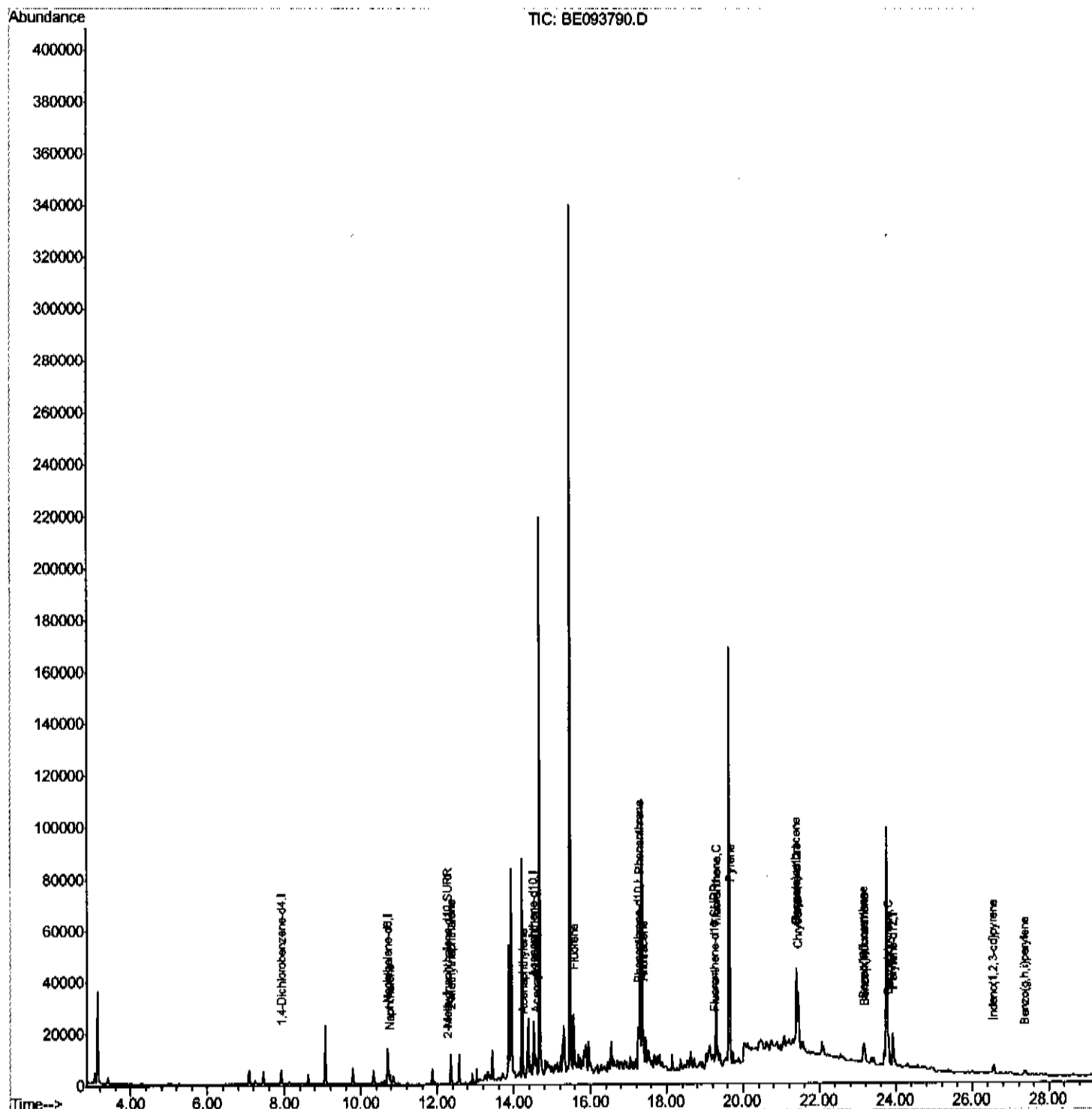


Instrument :
BNA_E
ClientSampleId :
C0AA8DL

Sohil
8/15/2017 6:43:21 PM

Quant Time: Aug 14 18:58:53 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE072417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Aug 12 02:01:53 2017
Response via : Initial Calibration



Quantitation Report (Qedit)

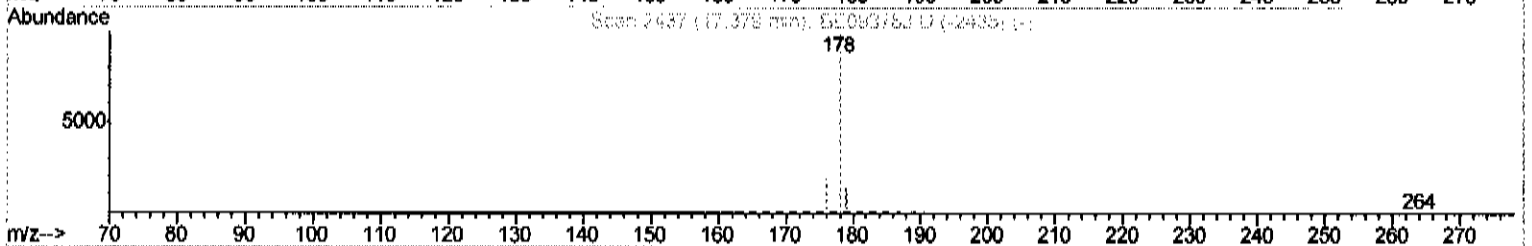
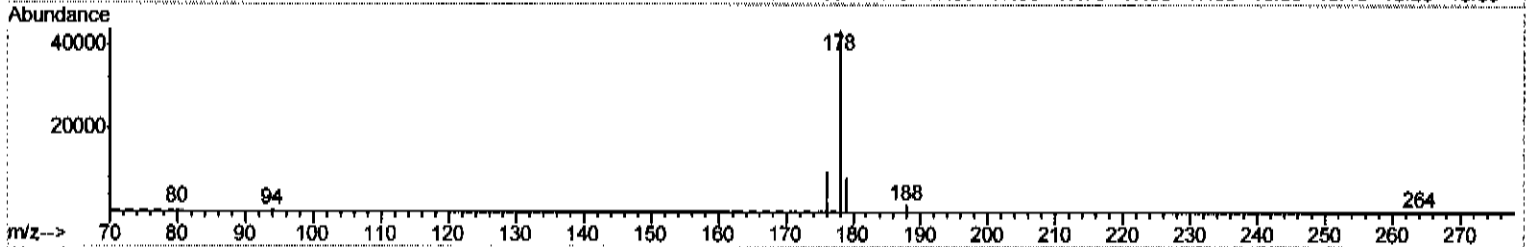
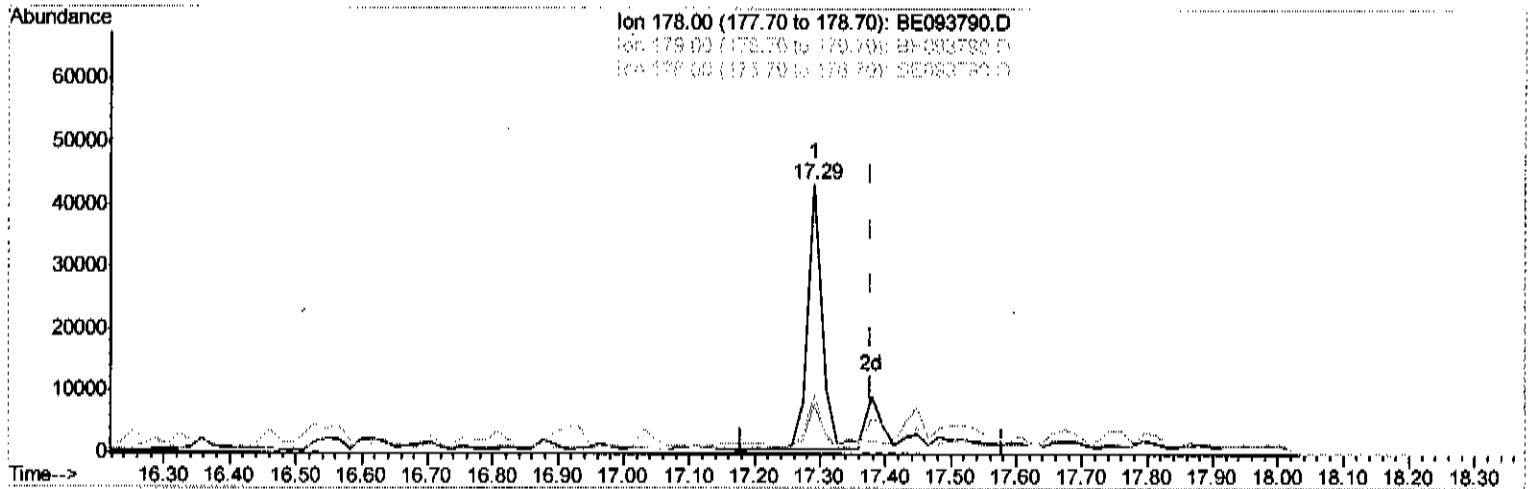
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE081417\
 Data File : BE093790.D
 Acq On : 14 Aug 2017 16:58
 Operator : SJ/JU
 Sample : I4504-17DL 5X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleID :
 C0AA8DL

Manual Integrations
 APPROVED

Sohil
 8/15/2017 6:43:21 PM

Quant Time: Aug 14 18:14:23 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE072417.M
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TIC: BE093790.D

(13) Anthracene

17.292min (-0.087) 1.22ng/ul

response 66696

Ion	Exp%	Act%
178.00	100	100
179.00	22.60	18.35
176.00	18.40	21.92
0.00	0.00	0.00

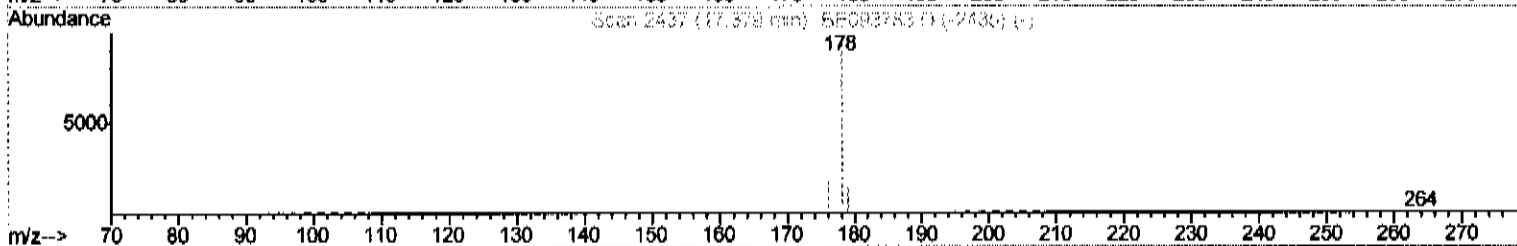
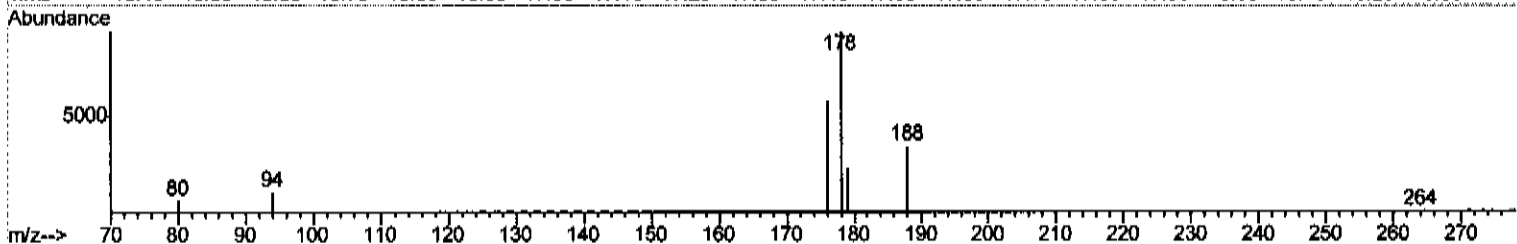
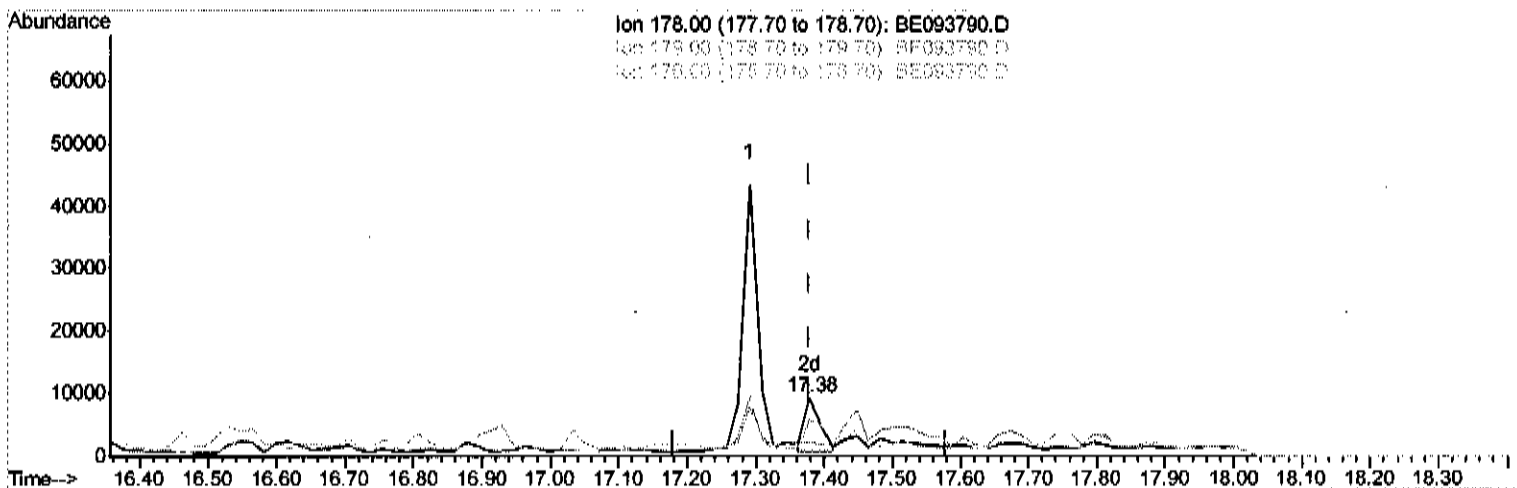
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE081417\
Data File : BE093790.D
Acq On : 14 Aug 2017 16:58
Operator : SJ/JU
Sample : I4504-17DL 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AA8DL

Manual Integrations
APPROVED

Sohil
8/15/2017 6:43:21 PM

Quant Time: Aug 14 18:14:23 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE072417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Aug 12 02:01:53 2017
Response via : Initial Calibration



TIC: BE093790.D

(13) Anthracene

17.378min (-0.000) 0.25ng/ul m

response 13722

Ion	Exp%	Act%
178.00	100	100
179.00	22.60	24.33
176.00	18.40	61.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

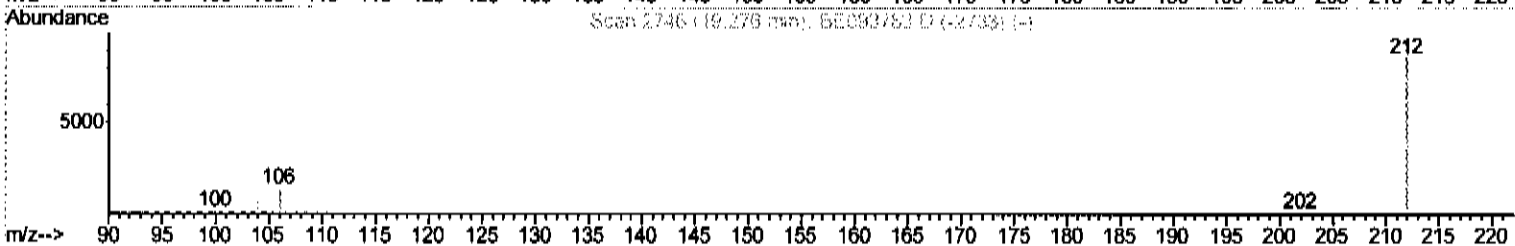
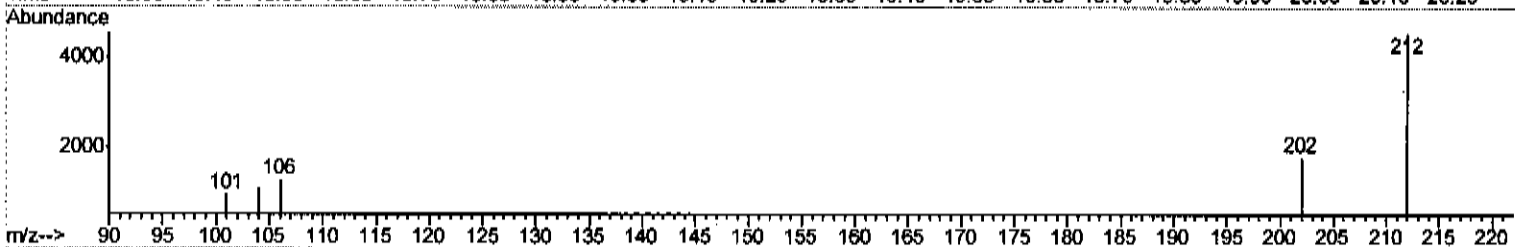
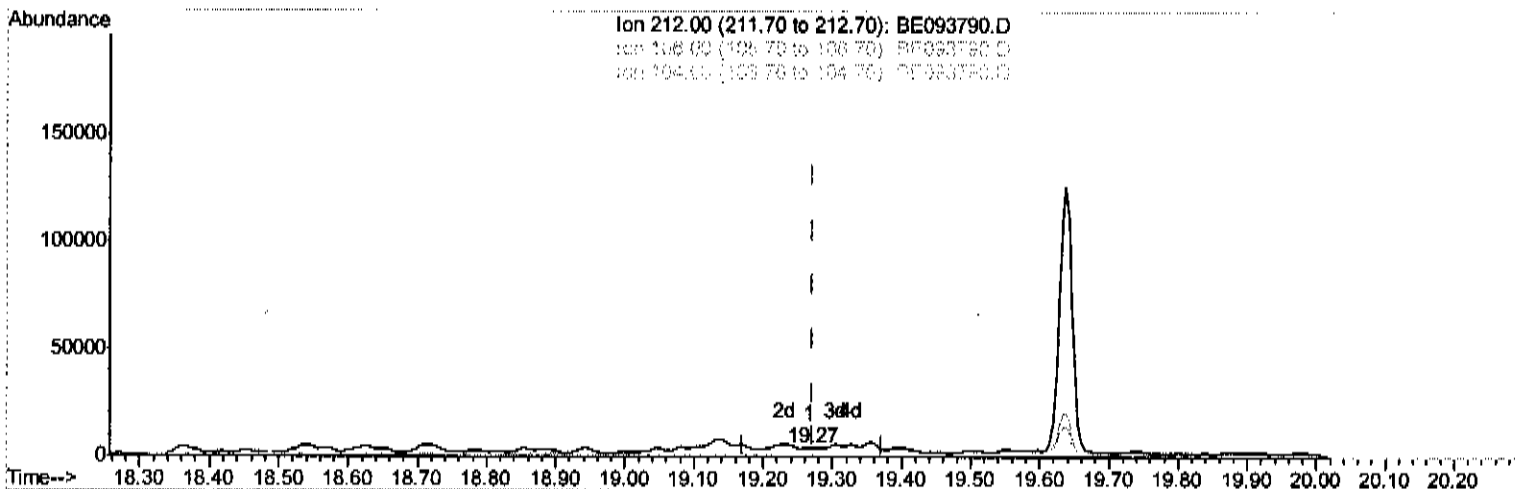
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE081417\
 Data File : BE093790.D
 Acq On : 14 Aug 2017 16:58
 Operator : SJ/JU
 Sample : I4504-17DL 5X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AA8DL

Manual Integrations
 APPROVED

Sohil
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Quant Time: Aug 14 18:14:23 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE072417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Aug 12 02:01:53 2017
 Response via : Initial Calibration



TIC: BE093790.D

(14) Fluoranthene-d10 (SURR)

19.268min (-0.003) 0.01ng/ul

response 898

Ion	Exp%	Act%
212.00	100	100
106.00	18.30	120.27#
104.00	15.60	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

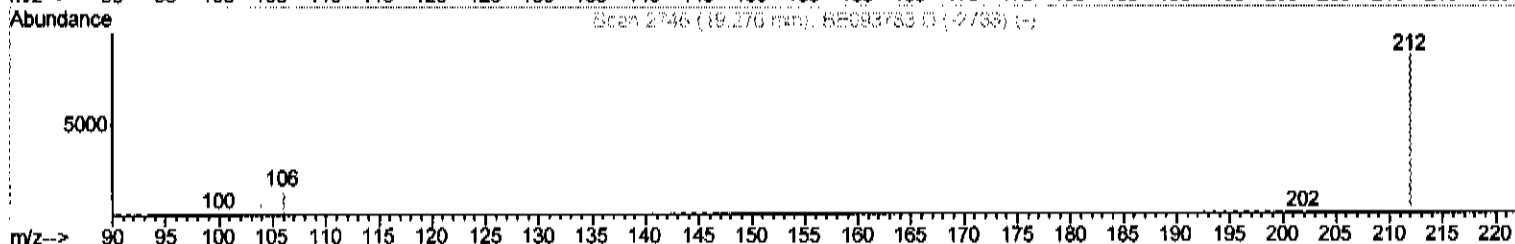
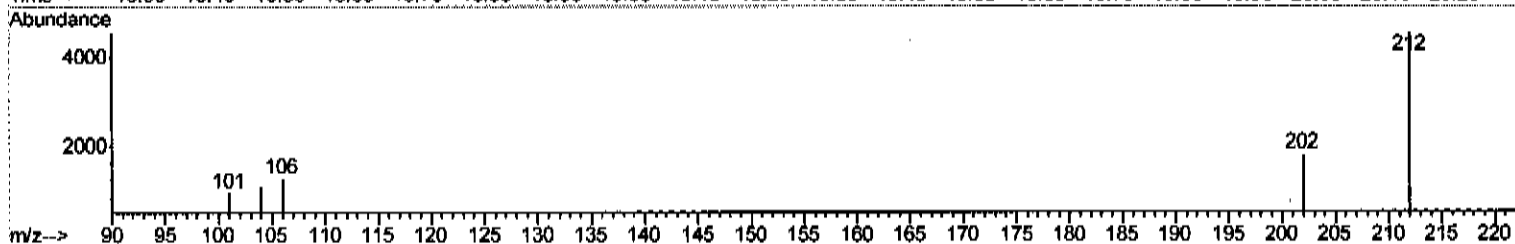
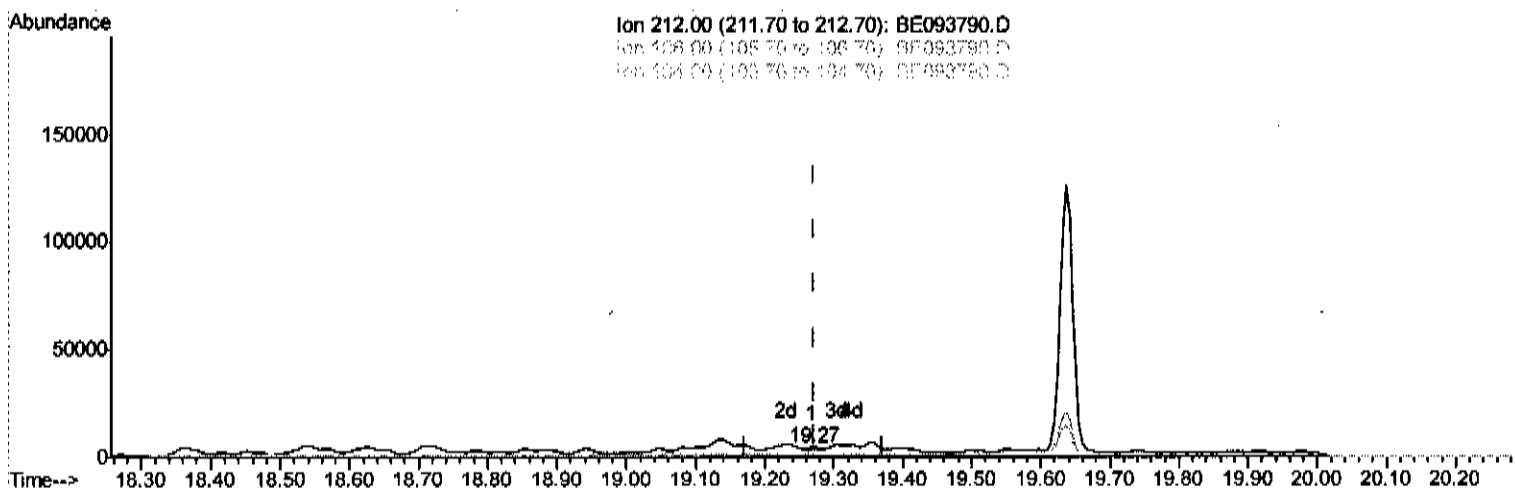
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE081417\
 Data File : BE093790.D
 Acq On : 14 Aug 2017 16:58
 Operator : SJ/JU
 Sample : I4504-17DL 5X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AA8DL

Manual Integrations
 APPROVED

Sohil
 8/15/2017 6:43:21 PM

Quant Time: Aug 14 18:14:23 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE072417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Aug 12 02:01:53 2017
 Response via : Initial Calibration



TIC: BE093790.D

(14) Fluoranthene-d10 (SURR)

19.268min (-0.003) 0.04ng/ul m

SJ 8/15/17

response 2466

Ion	Exp%	Act%
212.00	100	100
106.00	18.30	43.80#
104.00	15.60	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

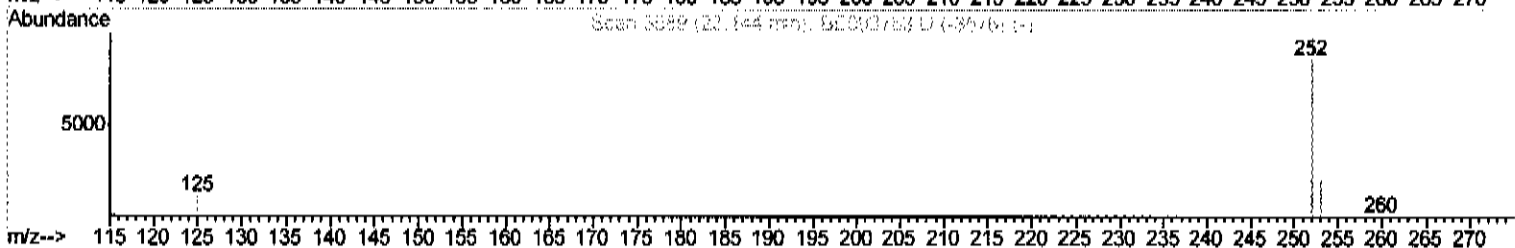
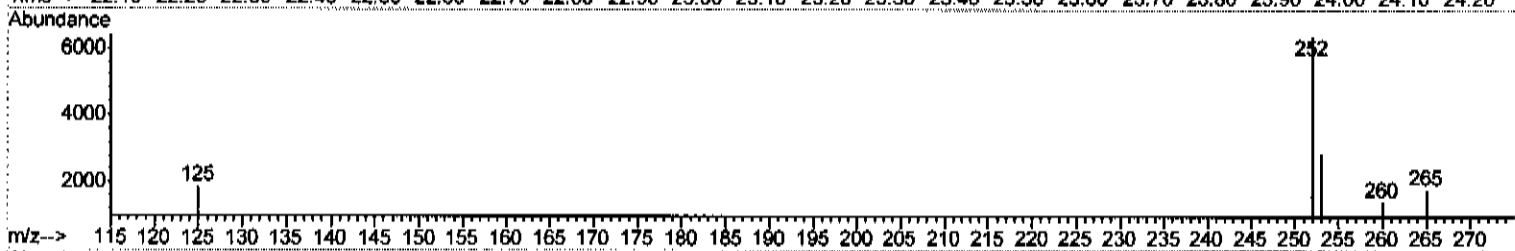
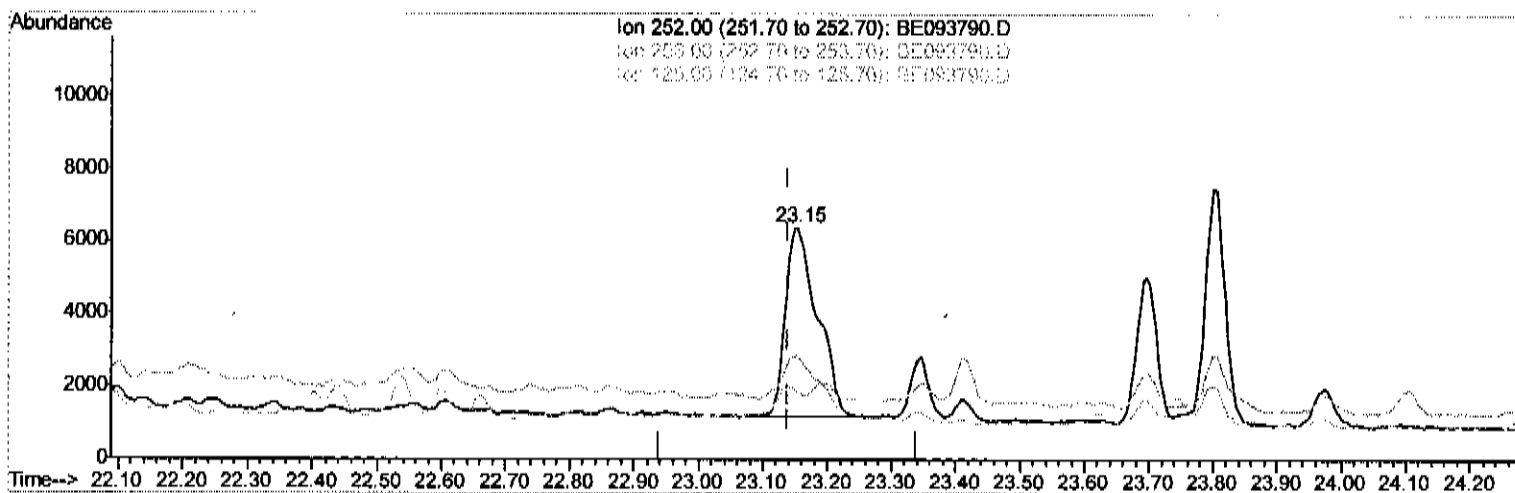
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE081417\
Data File : BE093790.D
Acq On : 14 Aug 2017 16:58
Operator : SJ/JU
Sample : I4504-17DL 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AA8DL

Manual Integrations
APPROVED

Sohil
8/15/2017 6:43:21 PM

Quant Time: Aug 14 18:14:23 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE072417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Aug 12 02:01:53 2017
Response via : Initial Calibration



TIC: BE093790.D

(21) Benzo(b)fluoranthene

23.154min (+0.015) 0.29ng/ul

response 18020

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	45.15
125.00	17.50	29.22
0.00	0.00	0.00

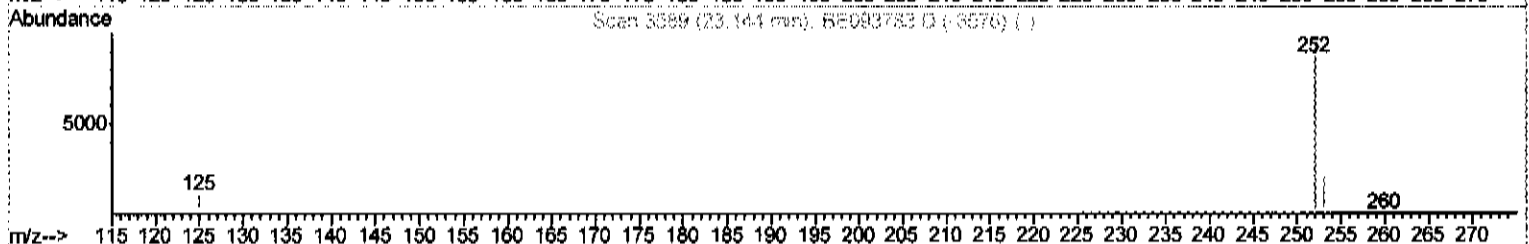
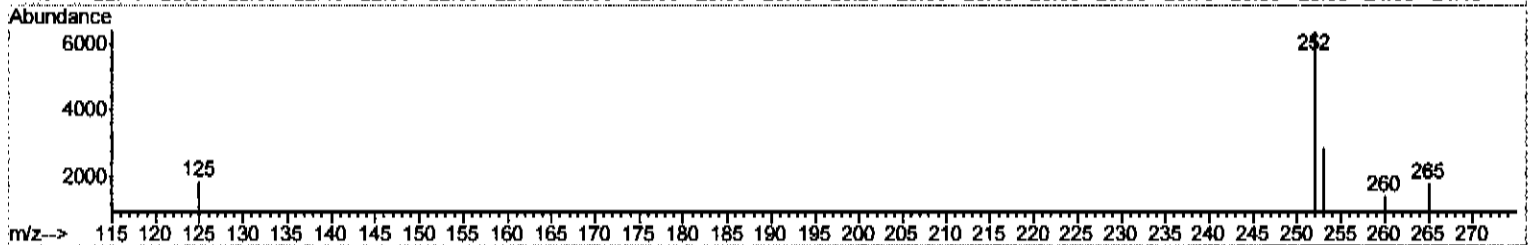
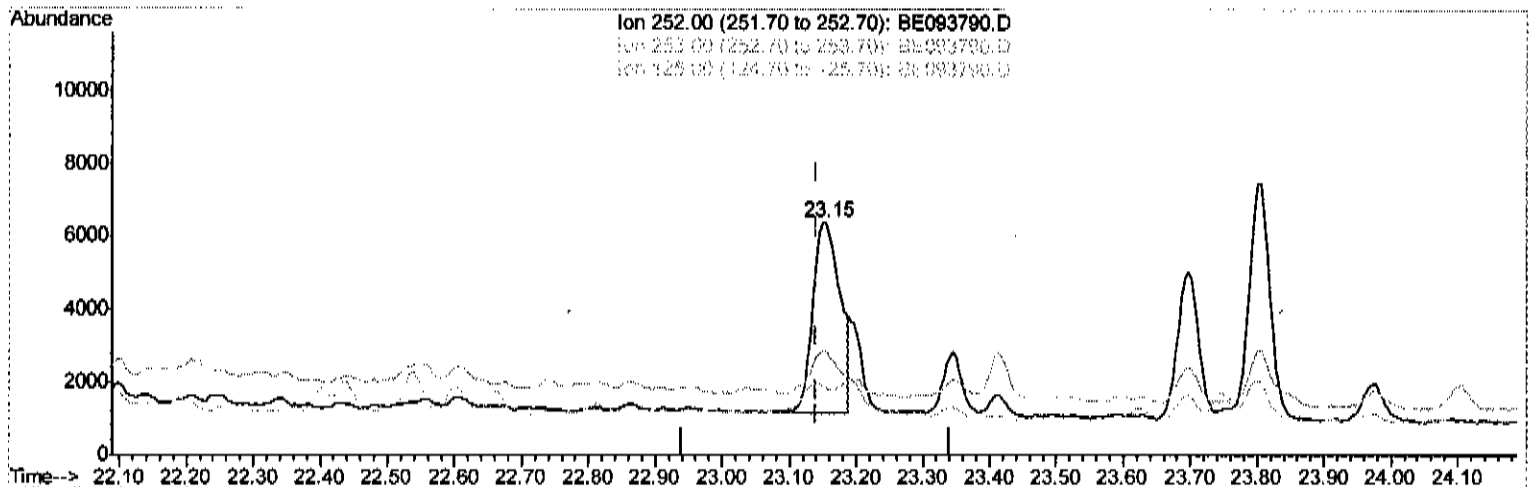
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE081417\
Data File : BE093790.D
Acq On : 14 Aug 2017 16:58
Operator : SJ/JU
Sample : I4504-17DL 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AA8DL

Manual Integrations
APPROVED

Sohil
8/15/2017 6:43:21 PM

Quant Time: Aug 14 18:14:23 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE072417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Aug 12 02:01:53 2017
Response via : Initial Calibration



TIC: BE093790.D

(21) Benzo(b)fluoranthene

23.154min (+0.015) 0.23ng/ul m

response 14771

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	45.15
125.00	17.50	29.22
0.00	0.00	0.00

Quantitation Report (Qedit)

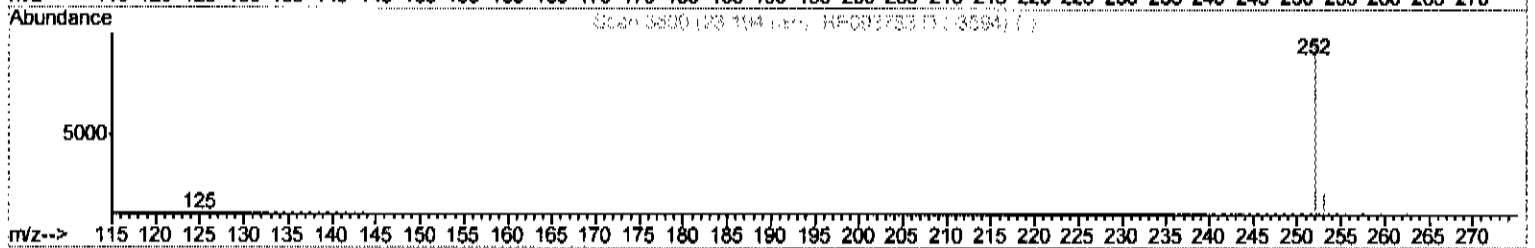
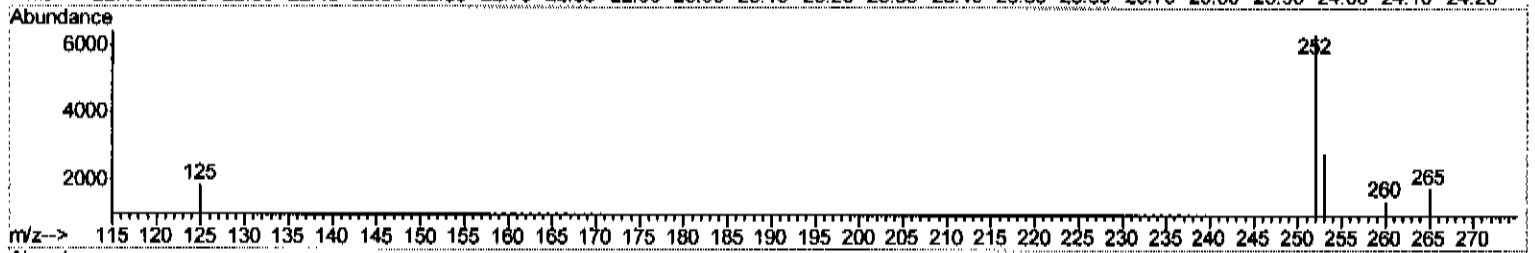
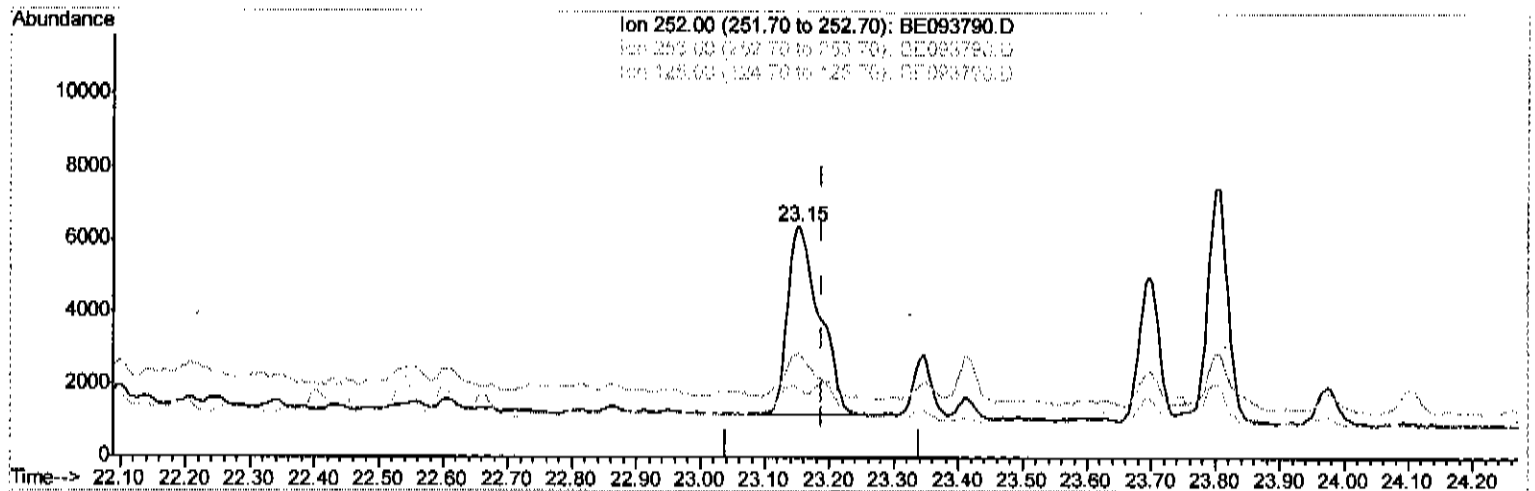
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE081417\
 Data File : BE093790.D
 Acq On : 14 Aug 2017 16:58
 Operator : SJ/JU
 Sample : I4504-17DL 5X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AA8DL

Manual Integrations
 APPROVED

Sohil
 8/15/2017 6:43:21 PM

Quant Time: Aug 14 18:14:23 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE072417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Aug 12 02:01:53 2017
 Response via : Initial Calibration



TIC: BE093790.D

(22) Benzo(k)fluoranthene

23.154min (-0.035) 0.29ng/ul

response 18020

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	45.15#
125.00	17.10	29.22#
0.00	0.00	0.00

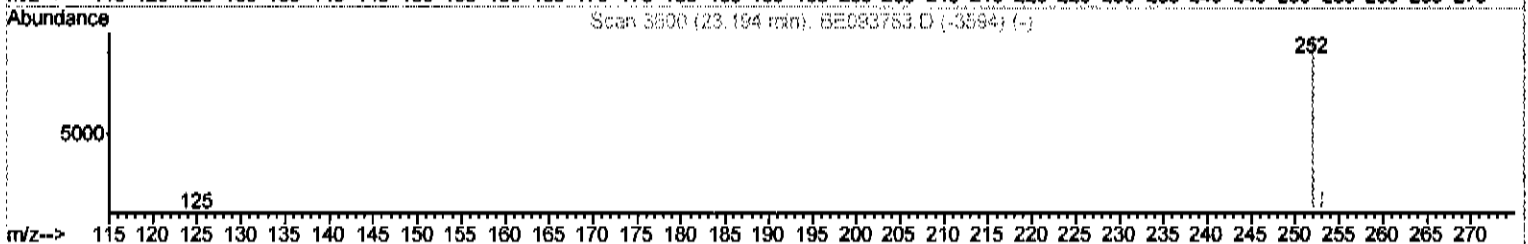
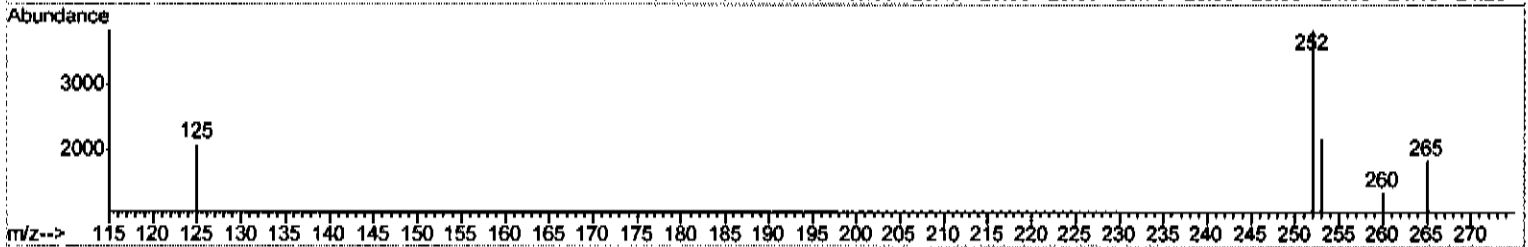
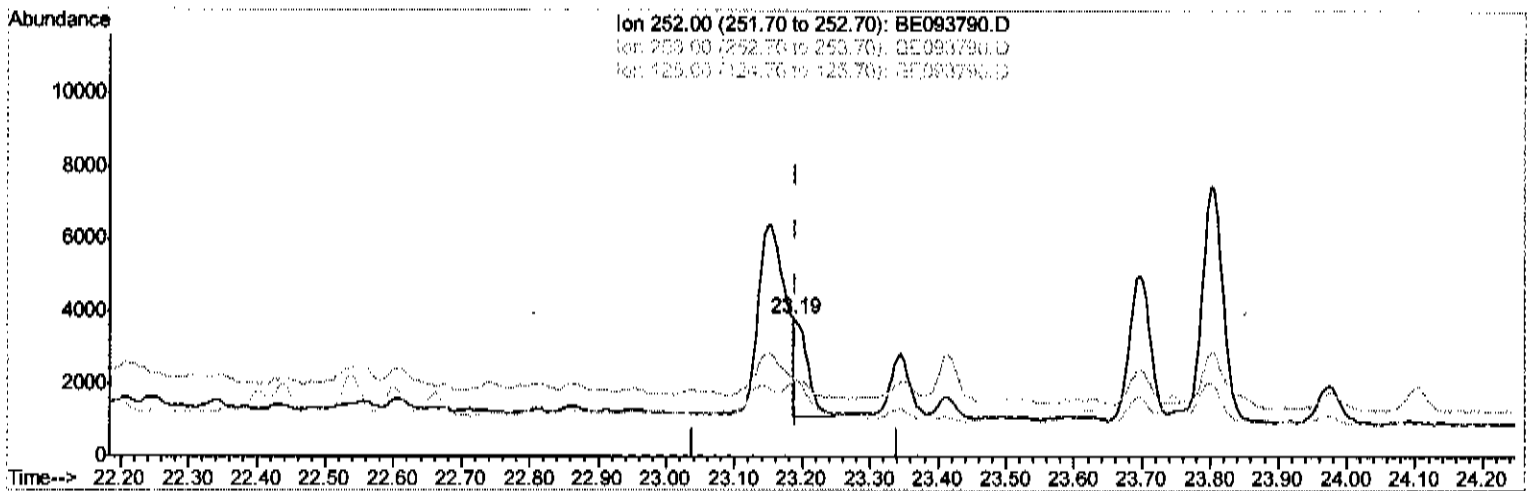
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE081417\
Data File : BE093790.D
Acq On : 14 Aug 2017 16:58
Operator : SJ/JU
Sample : I4504-17DL 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampled :
C0AA8DL

Manual Integrations
APPROVED

Sohil
8/15/2017 6:43:21 PM

Quant Time: Aug 14 18:14:23 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE072417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Aug 12 02:01:53 2017
Response via : Initial Calibration



TIC: BE093790.D

(22) Benzo(k)fluoranthene

23.186min (-0.003) 0.06ng/ul m

response 3508

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	56.84#
125.00	17.10	54.31#
0.00	0.00	0.00

Signature

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE081417\
 Data File : BE093790.D
 Acq On : 14 Aug 2017 16:58
 Operator : SJ/JU
 Sample : I4504-17DL 5X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AA8DL

Manual Integrations
 APPROVED

Sohil
 8/15/2017 6:43:21 PM

Quant Time: Aug 14 18:58:53 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE072417.M
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 QLast Update : Sat Aug 12 02:01:53 2017
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	2708	0.40	ng/ul	0.00
2) Naphthalene-d8	10.70	136	14296	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.53	164	9603	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	20656	0.40	ng/ul	0.00
16) Chrysene-d12	21.41	240	20992	0.40	ng/ul	0.00
20) Perylene-d12	23.92	264	20341	0.40	ng/ul	0.01

System Monitoring Compounds

4) 2-Methylnaphthalene-d10	12.29	152	705	0.03	ng/ul	0.00
14) Fluoranthene-d10	19.27	212	2466m	0.04	ng/ul	0.00

Target Compounds

	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	10.76	128	5093	0.146	ng/ul#	95
5) 2-Methylnaphthalene	12.36	142	9714	0.383	ng/ul	98
7) Acenaphthylene	14.25	152	1827	0.045	ng/ul#	43
8) Acenaphthene	14.59	153	2845	0.090	ng/ul	96
9) Fluorene	15.57	166	13084	0.328	ng/ul	89
12) Phenanthrene	17.29	178	68010	1.209	ng/ul#	90
13) Anthracene	17.38	178	13722m	0.250	ng/ul	82
15) Fluoranthene	19.30	202	36069	0.513	ng/ul	82
17) Pyrene	19.66	202	57676	0.941	ng/ul#	84
18) Benzo(a)anthracene	21.39	228	23056	0.379	ng/ul#	71
19) Chrysene	21.45	228	22164	0.380	ng/ul#	72
21) Benzo(b)fluoranthene	23.15	252	14771m	0.235	ng/ul	93
22) Benzo(k)fluoranthene	23.19	252	3508m	0.057	ng/ul	83
23) Benzo(a)pyrene	23.80	252	14583	0.244	ng/ul#	60
24) Indeno(1,2,3-cd)pyrene	26.56	276	6738	0.102	ng/ul#	
26) Benzo(g,h,i)perylene	27.38	276	4692	0.084	ng/ul#	

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