

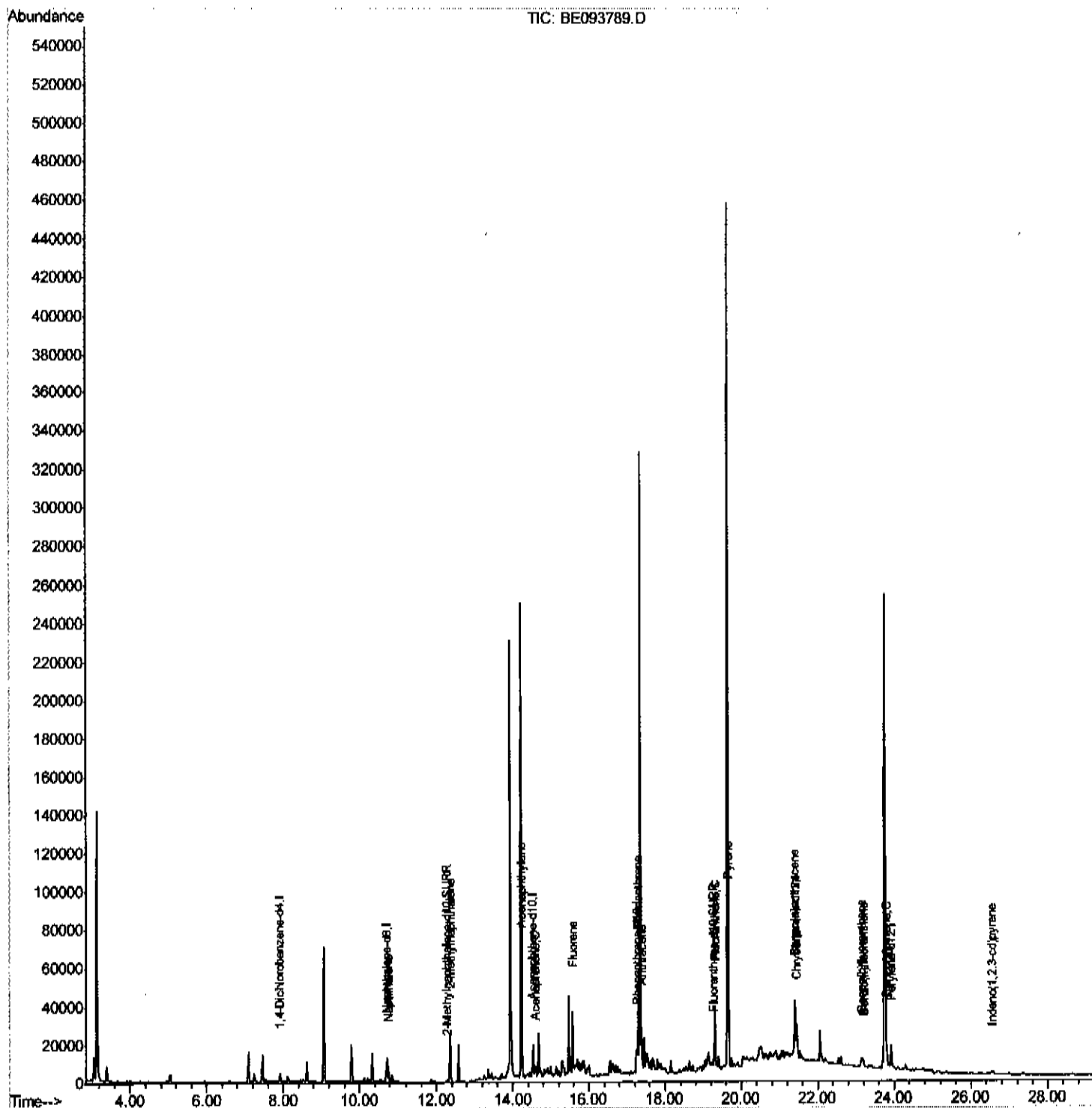
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE081417\
Data File : BE093789.D
Acq On : 14 Aug 2017 16:07
Operator : SJ/JU
Sample : I4504-16
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AA7

Manual Integrations
APPROVED

Sohil
8/15/2017 6:43:19 PM

Quant Time: Aug 14 18:55:39 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)

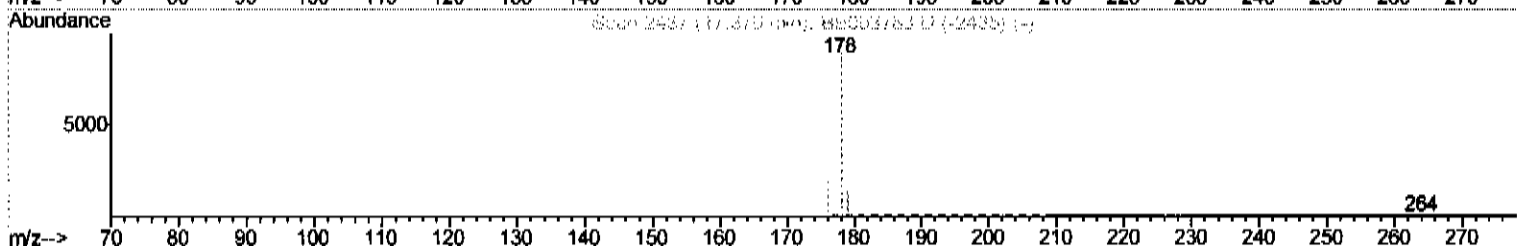
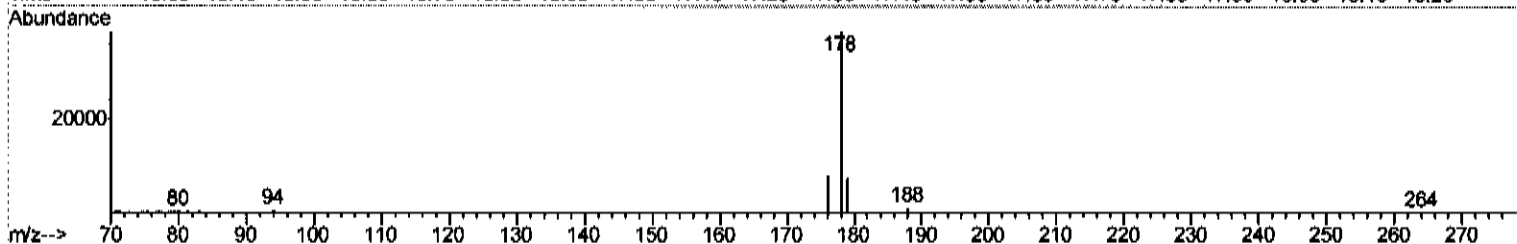
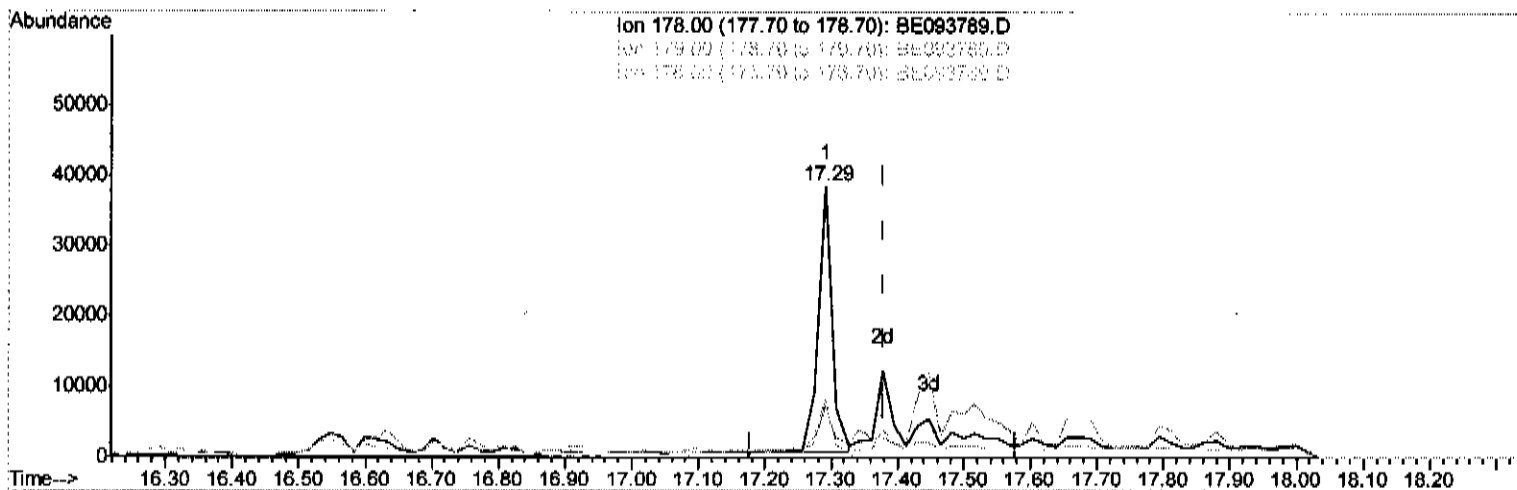
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TIC: BE093789.D

(13) Anthracene

17.292min (-0.087) 1.06ng/ul

response 55419

Ion	Exp%	Act%
178.00	100	100
179.00	22.60	19.12
176.00	18.40	20.78
0.00	0.00	0.00

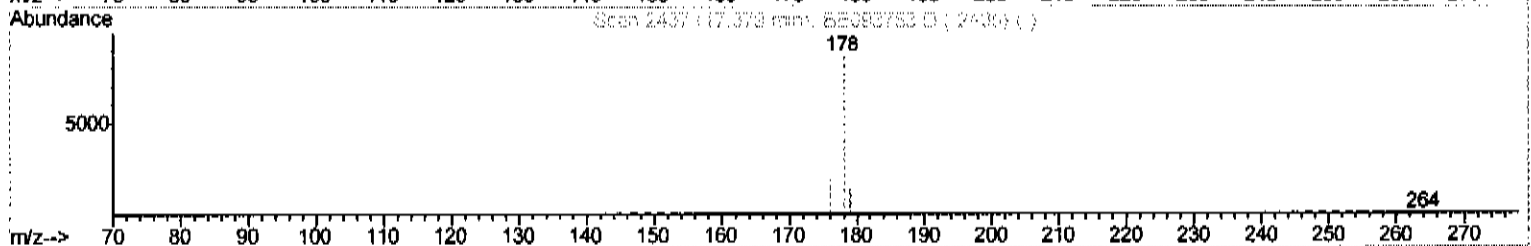
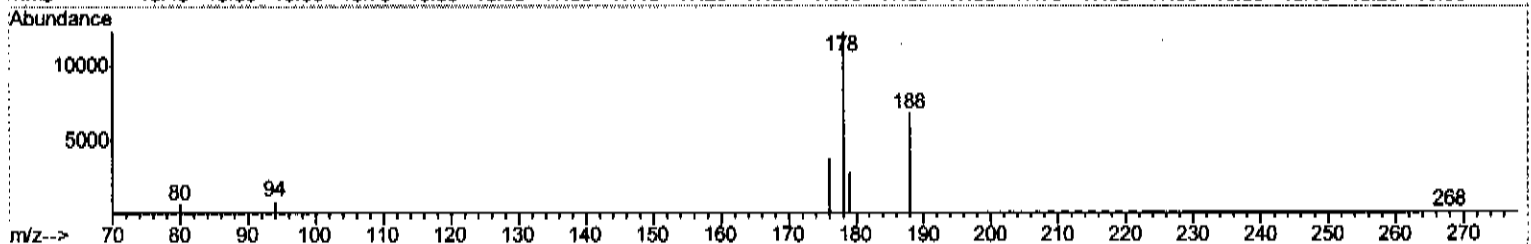
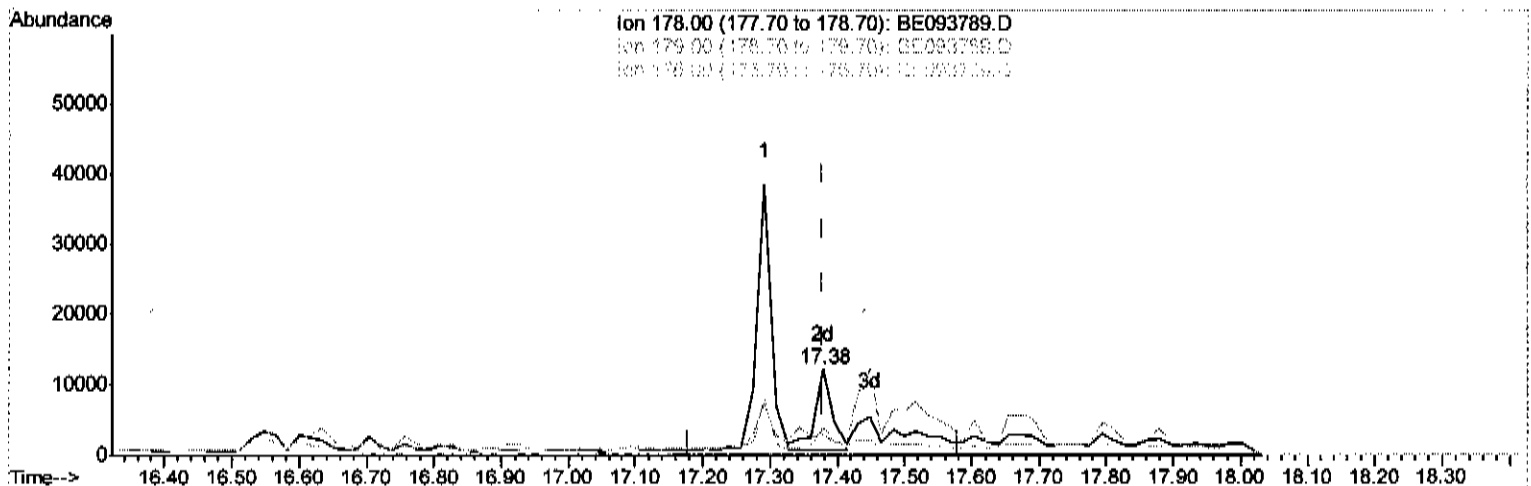
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Manual Integrations
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TIC: BE093789.D

(13) Anthracene

17.378min (-0.000) 0.38ng/ul m

response 20015

Ion	Exp%	Act%
178.00	100	100
179.00	22.60	22.43
176.00	18.40	30.98*
0.00	0.00	0.00

Quantitation Report (Qcudit)

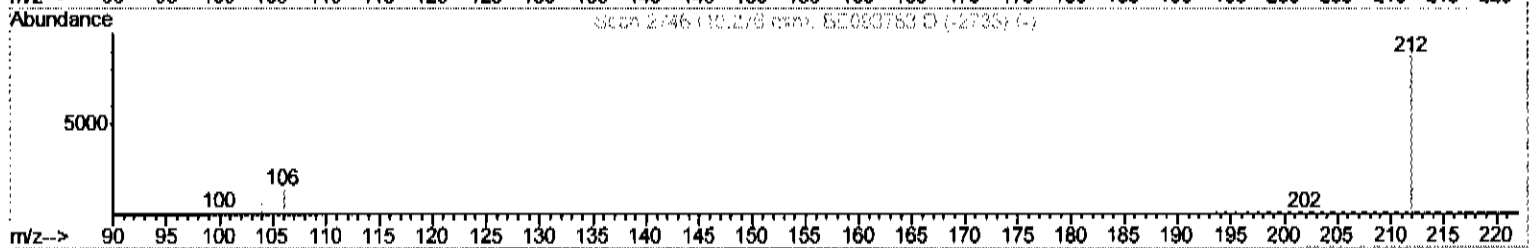
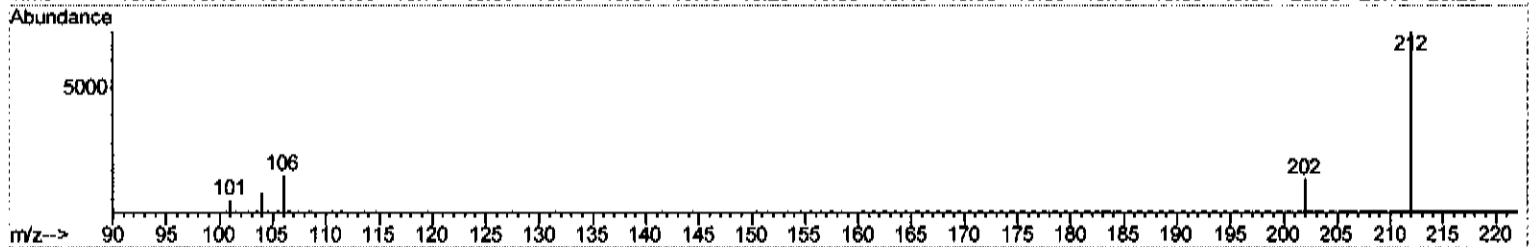
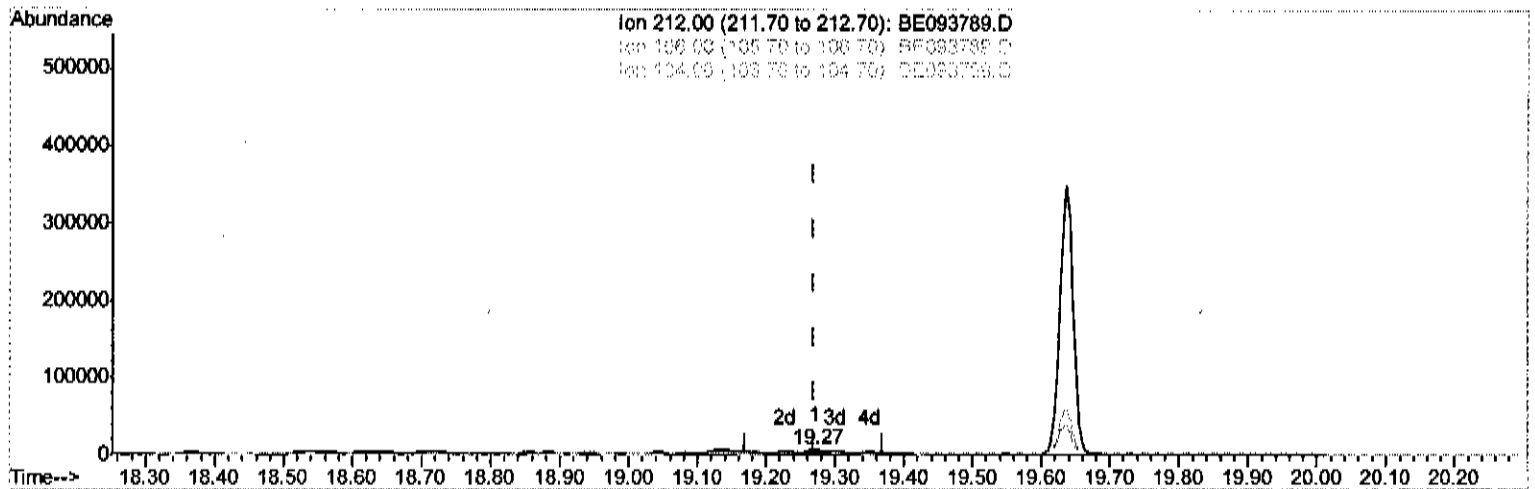
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE081417\
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 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
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Manual Integrations
 APPROVED

Sohil
 8/15/2017 6:43:19 PM

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TIC: BE093789.D

(14) Fluoranthene-d10 (SURR)

19.273min (+0.002) 0.08ng/ul

response 4989

Ion	Exp%	Act%
212.00	100	100
106.00	18.30	27.22#
104.00	15.60	19.12#
0.00	0.00	0.00

Quantitation Report (Qedit)

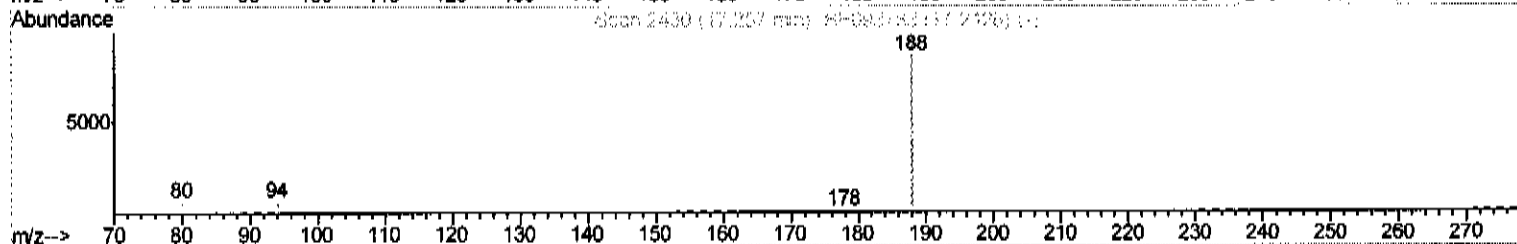
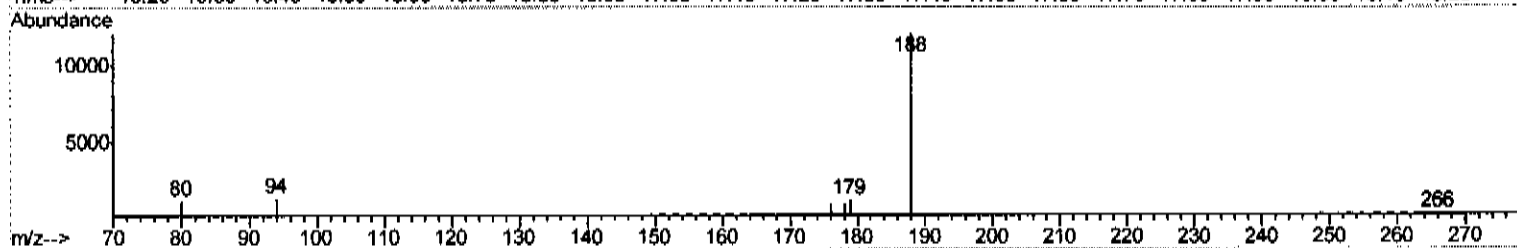
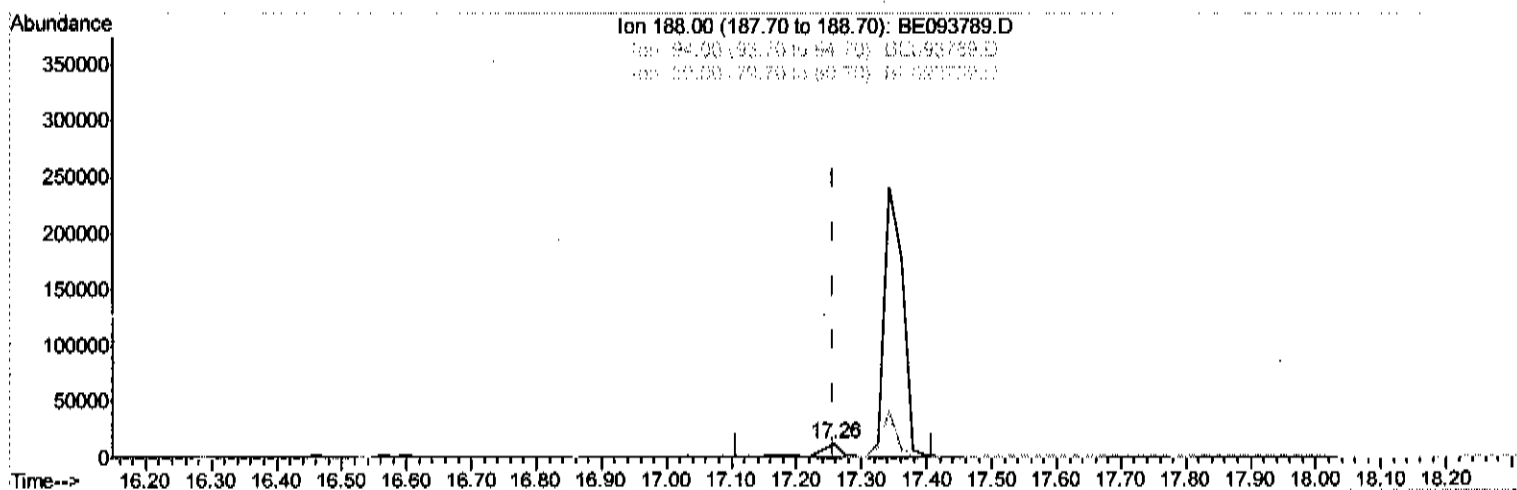
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE081417\
Data File : BE093789.D
Acq On : 14 Aug 2017 16:07
Operator : SJ/JU
Sample : I4504-16
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampled :
C0AA7

Manual Integrations
APPROVED

Sohil
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TIC: BE093789.D

(10) Phenanthrene-d10 (I)

17.257min (-0.000) 0.40ng/ul

response 19785

Ion	Exp%	Act%
188.00	100	100
94.00	11.00	9.67
80.00	11.80	8.21#
0.00	0.00	0.00

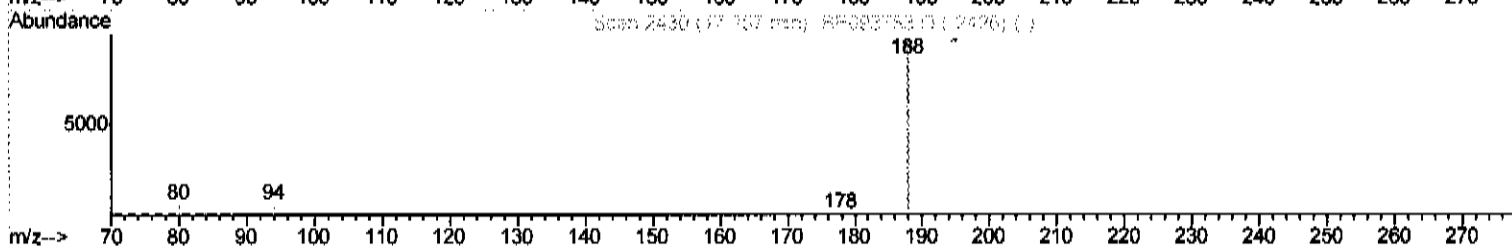
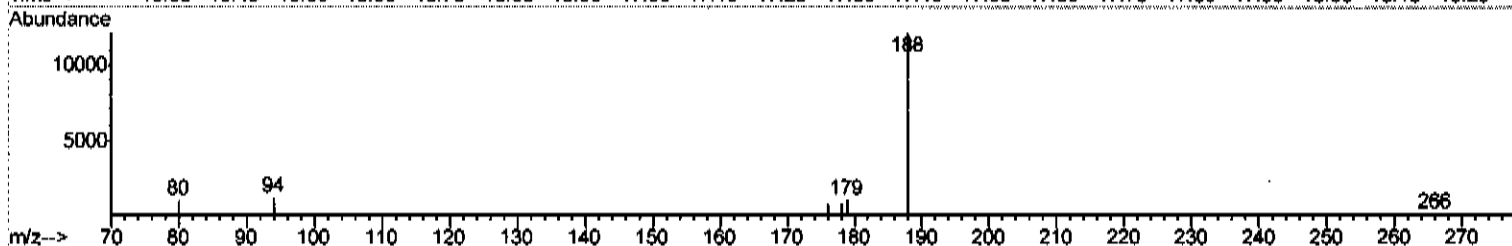
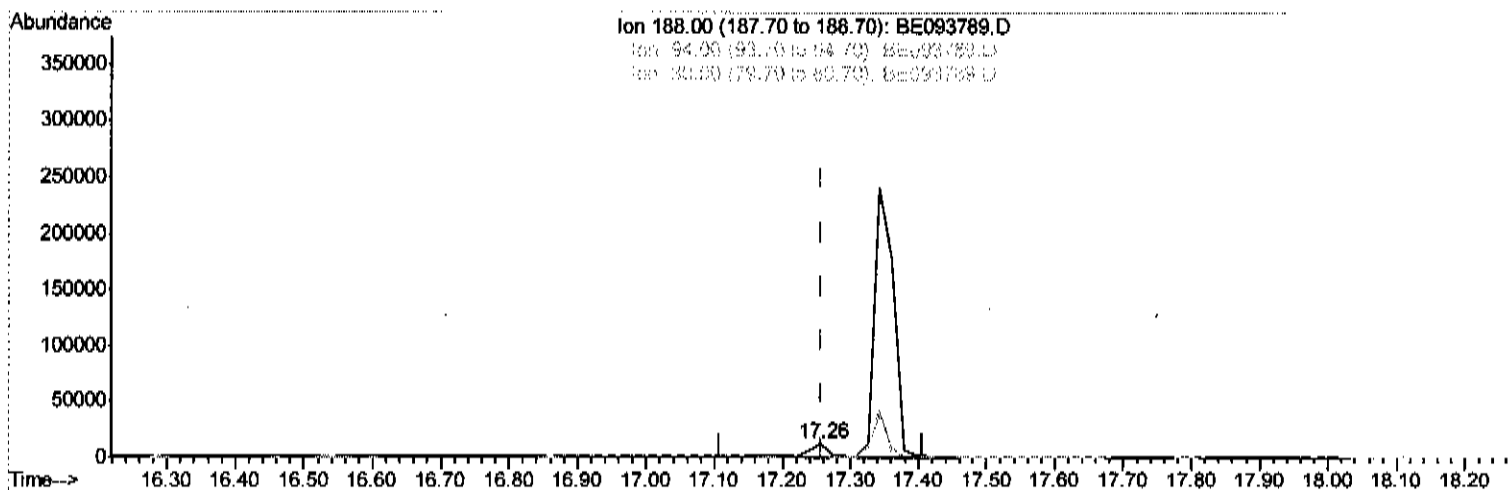
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE081417\
Data File : BE093789.D
Acq On : 14 Aug 2017 16:07
Operator : SJ/JU
Sample : I4504-16
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AA7

Manual Integrations
APPROVED

Sohil
8/15/2017 6:43:19 PM

Quant Time: Aug 14 18:14:17 2017
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TIC: BE093789.D

(10) Phenanthrene-d10 (I)

17.257min (-0.000) 0.40ng/ul m

response 18678

Ion	Exp%	Act%
188.00	100	100
94.00	11.00	9.67
80.00	11.80	8.21#
0.00	0.00	0.00

Quantitation Report (Qedit)

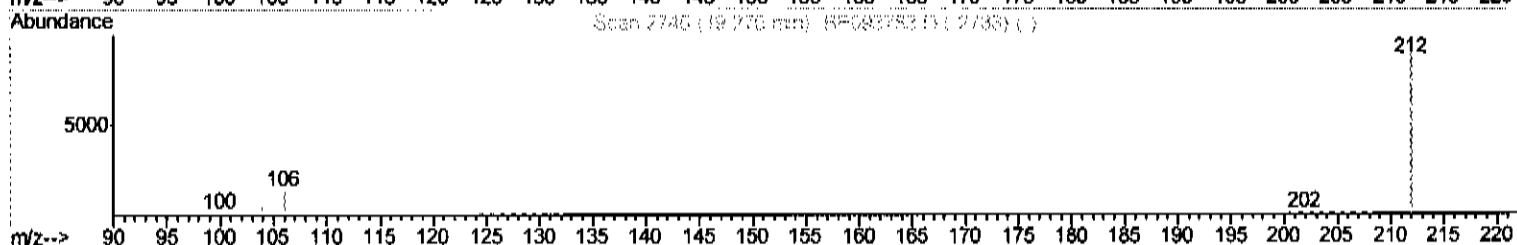
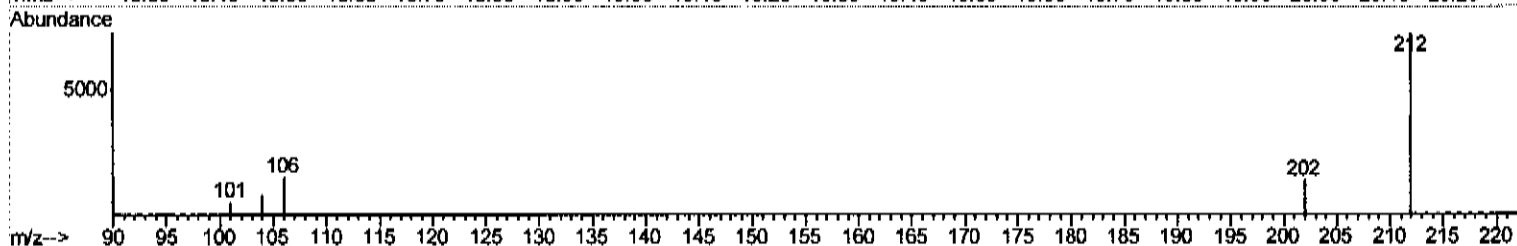
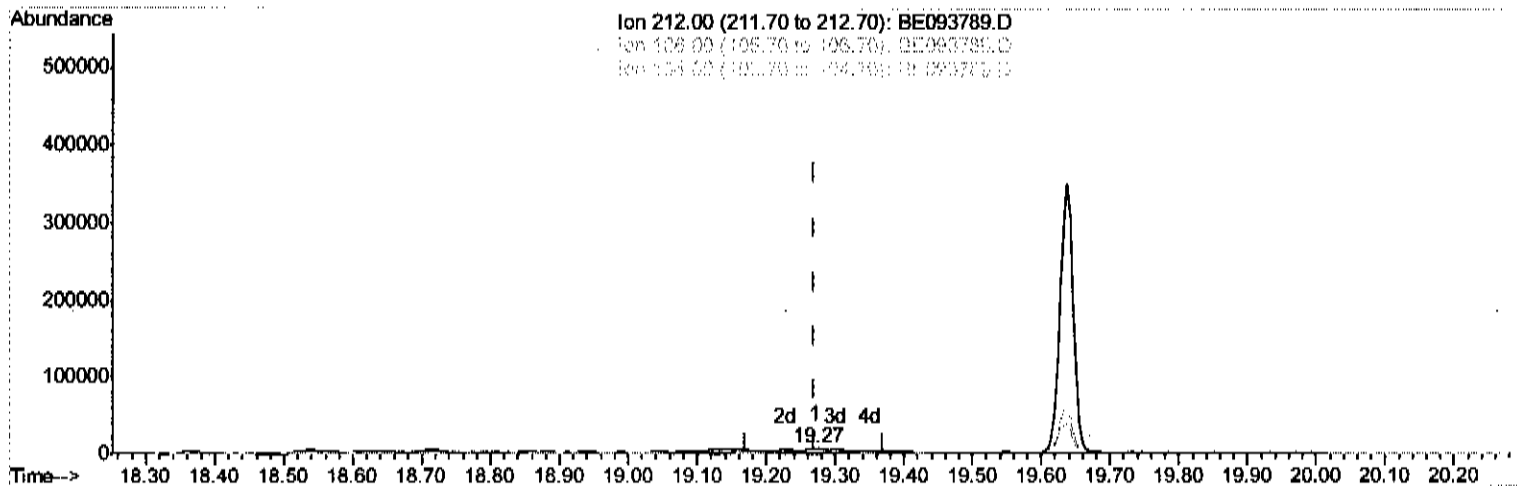
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 Data File : BE093789.D
 Acq On : 14 Aug 2017 16:07
 Operator : SJ/JU
 Sample : I4504-16
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AA7

Manual Integrations
 APPROVED

Sohil
 8/15/2017 6:43:19 PM

Quant Time: Aug 14 18:53:32 2017
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TIC: BE093789.D

(14) Fluoranthene-d10 (SURR)

19.273min (+0.002) 0.13ng/ul m

response 7540

Ion	Exp%	Act%
212.00	100	100
106.00	18.30	18.01
104.00	15.60	12.65
0.00	0.00	0.00

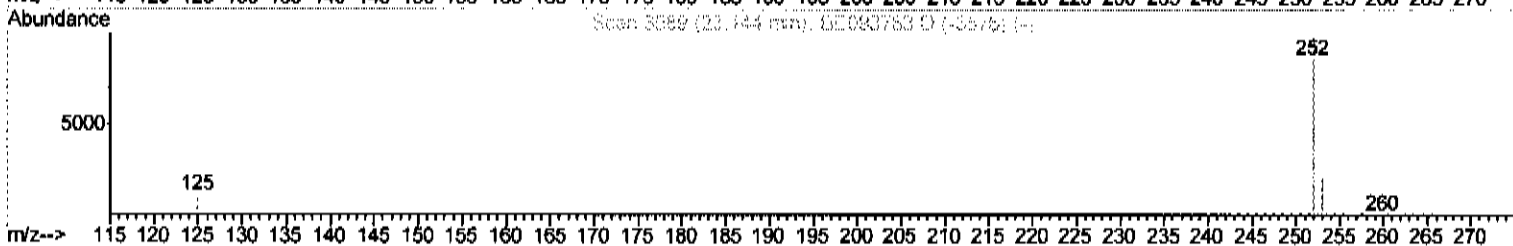
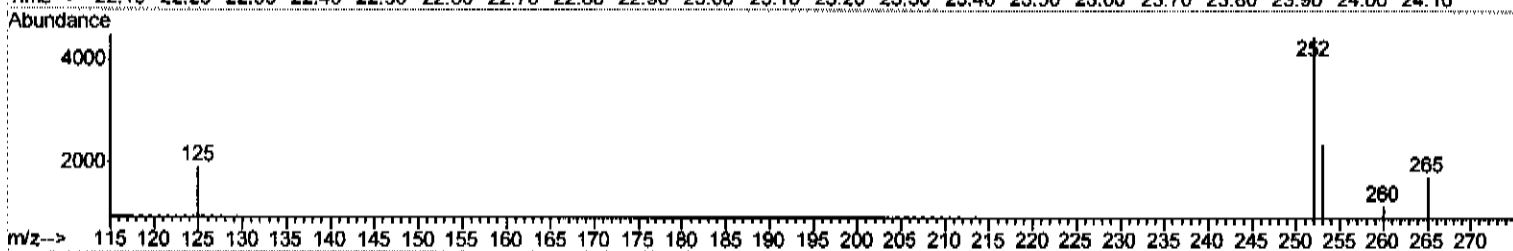
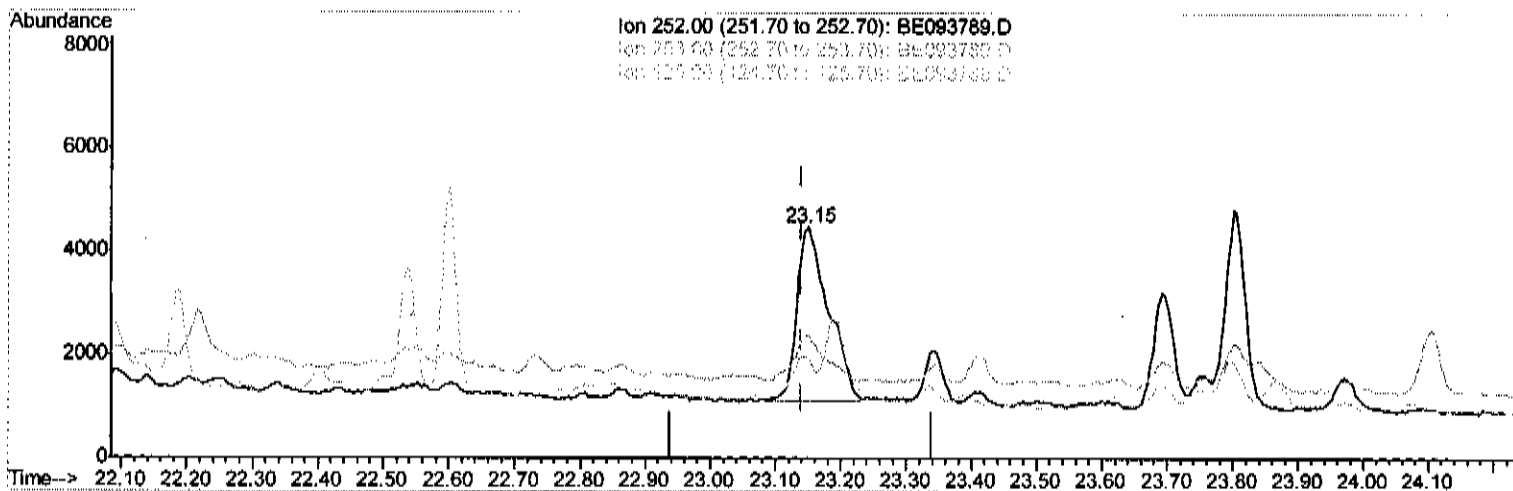
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Data File : BE093789.D
Acq On : 14 Aug 2017 16:07
Operator : SJ/JU
Sample : I4504-16
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampled :
C0AA7

Manual Integrations
APPROVED

Sohil
8/15/2017 6:43:19 PM

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TIC: BE093789.D

(21) Benzo(b)fluoranthene

23.150min (+0.011) 0.18ng/ul

response 11272

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	53.07
125.00	17.50	43.00#
0.00	0.00	0.00

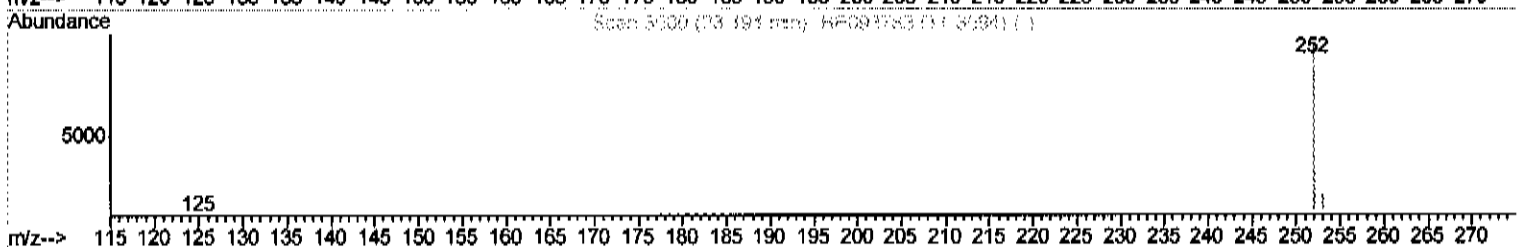
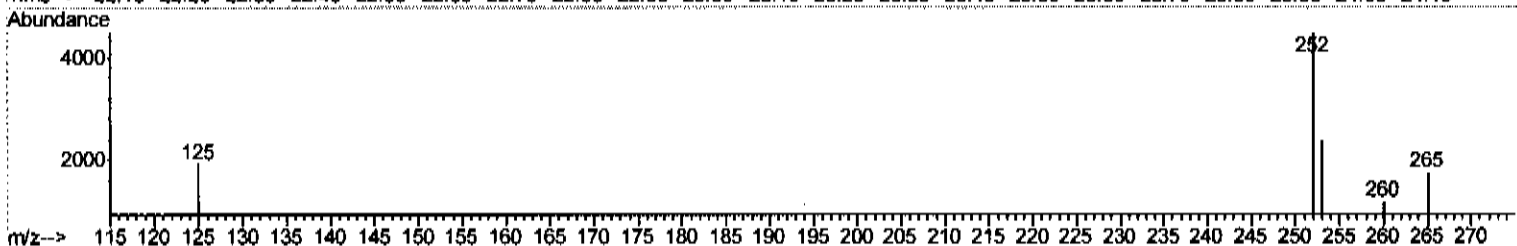
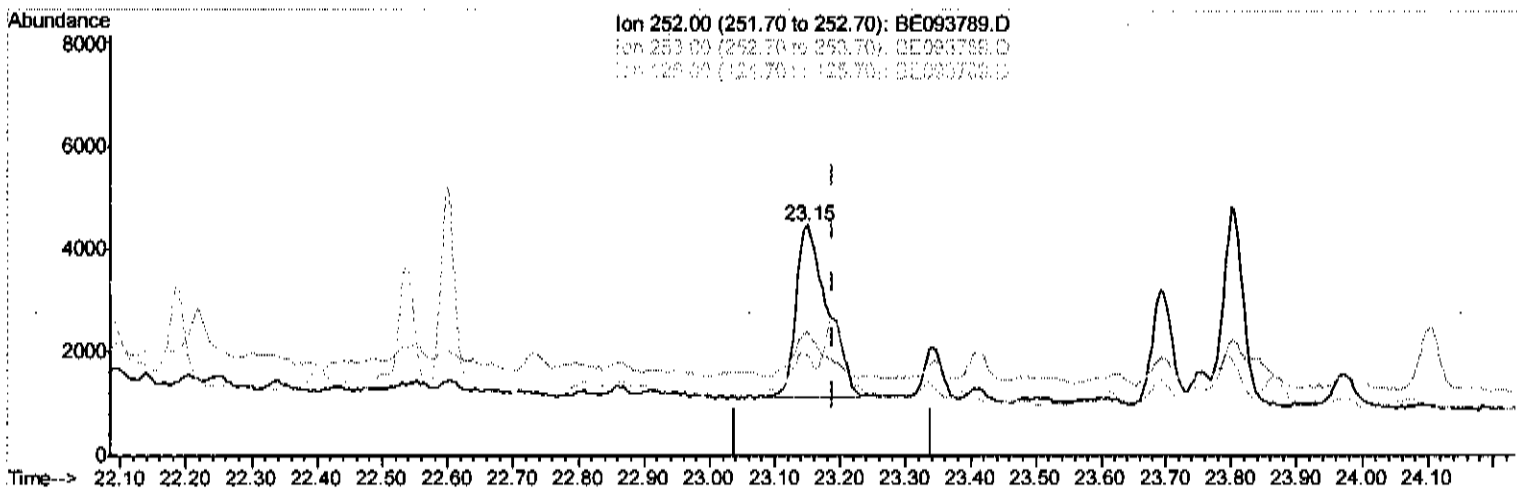
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE081417\
Data File : BE093789.D
Acq On : 14 Aug 2017 16:07
Operator : SJ/JU
Sample : I4504-16
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AA7

Manual Integrations
APPROVED

Sohil
8/15/2017 6:43:19 PM

Quant Time: Aug 14 18:53:32 2017
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Response via : Initial Calibration



TIC: BE093789.D

(22) Benzo(k)fluoranthene

23.150min (-0.039) 0.18ng/ul

response 11272

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	53.07#
125.00	17.10	43.00#
0.00	0.00	0.00

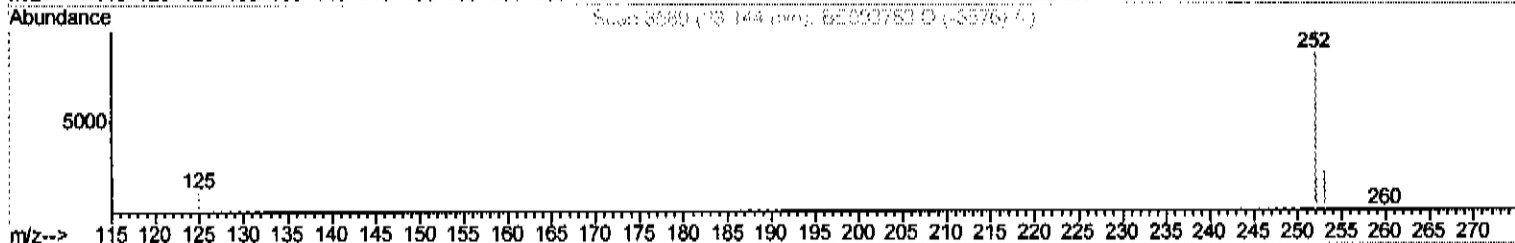
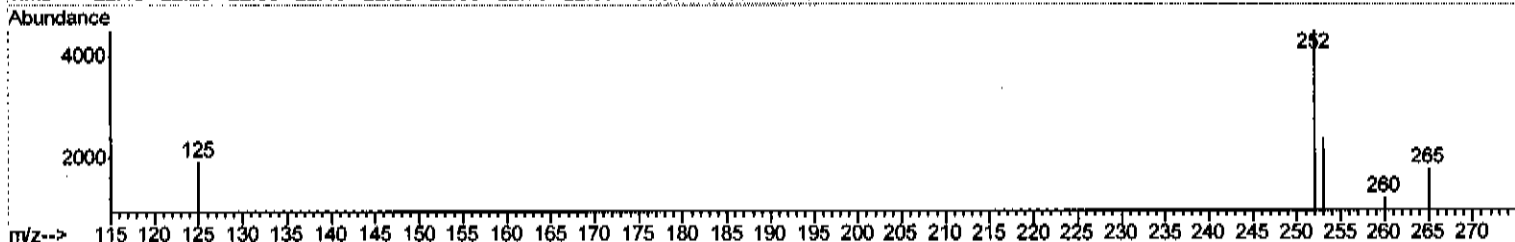
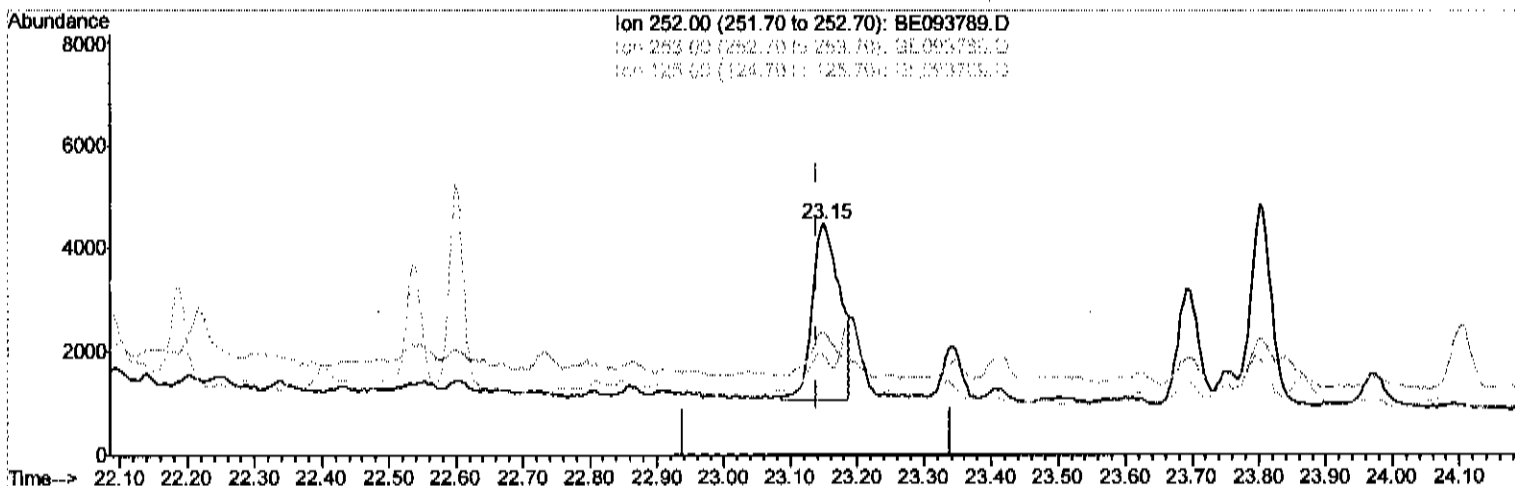
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE081417\
Data File : BE093789.D
Acq On : 14 Aug 2017 16:07
Operator : SJ/JU
Sample : I4504-16
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AA7

Manual Integrations
APPROVED

Sohil
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TIC: BE093789.D

(21) Benzo(b)fluoranthene

23.150min (+0.011) 0.15ng/ul m

response 9658

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	53.07
125.00	17.50	43.00%
0.00	0.00	0.00

Quantitation Report (Qedit)

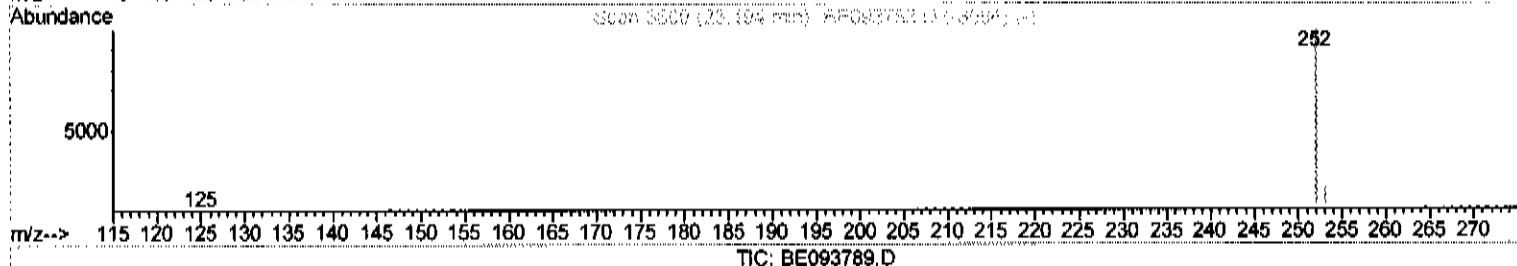
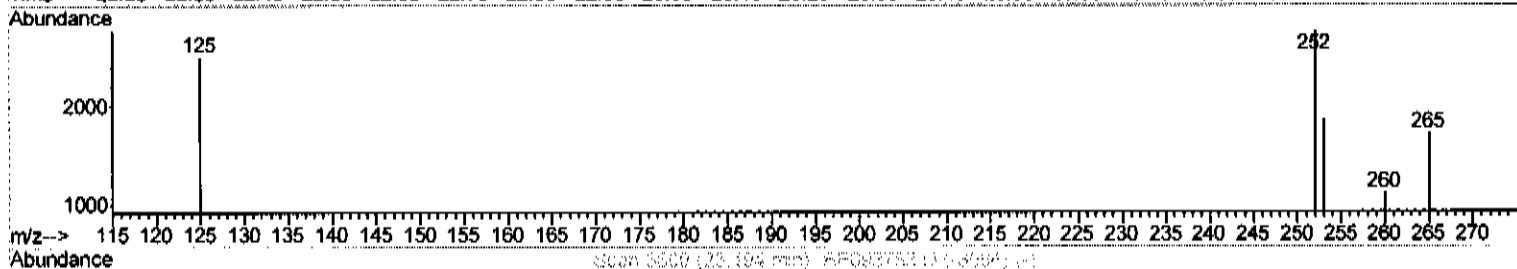
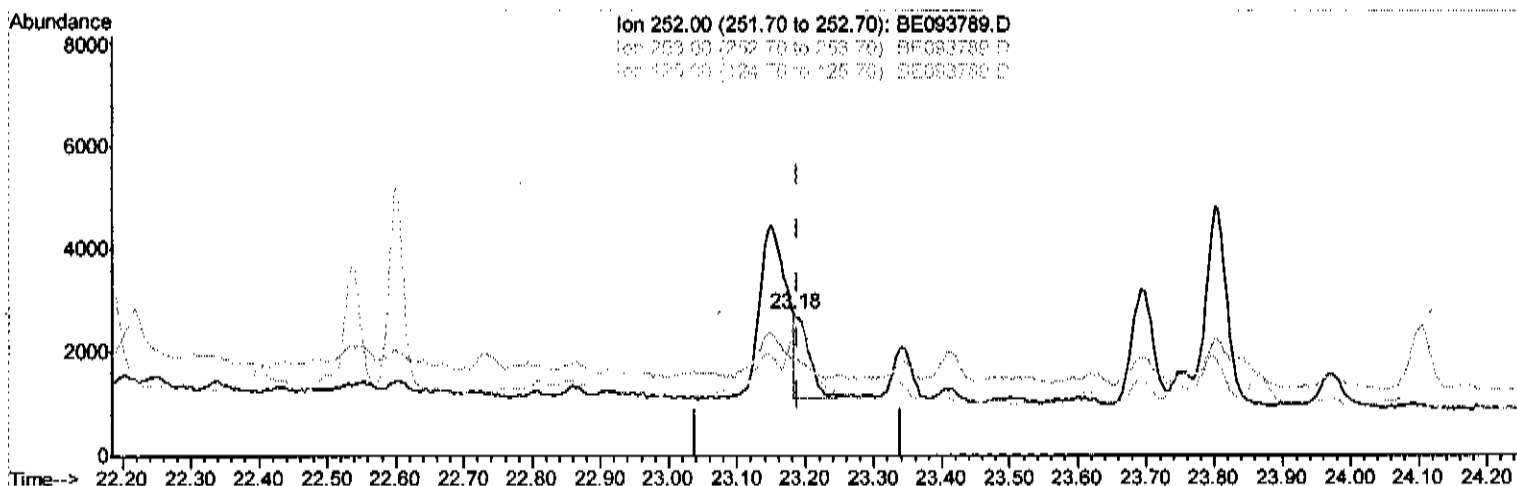
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 ALS Vial : 8 Sample Multiplier: 1

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(22) Benzo(k)fluoranthene

23.182min (-0.008) 0.04ng/ul m

response 2344

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	67.33#
125.00	17.10	90.53#
0.00	0.00	0.00

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	2522	0.40	ng/ul	0.00
2) Naphthalene-d8	10.71	136	13285	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.53	164	8493	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	18678m	0.40	ng/ul	0.00
16) Chrysene-d12	21.41	240	19179	0.40	ng/ul	0.00
20) Perylene-d12	23.92	264	20201	0.40	ng/ul	0.01

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.28	152	2002	0.09	ng/ul	0.00
14) Fluoranthene-d10	19.27	212	7540m	0.13	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	10.75	128	12270	0.380	ng/ul#	94
5) 2-Methylnaphthalene	12.36	142	21703	0.921	ng/ul	100
7) Acenaphthylene	14.24	152	2133	0.060	ng/ul#	42
8) Acenaphthene	14.59	153	3850	0.138	ng/ul	94
9) Fluorene	15.57	166	19978	0.565	ng/ul	91
12) Phenanthrene	17.29	178	56799	1.117	ng/ul#	92
13) Anthracene	17.38	178	20015m	0.404	ng/ul	82
15) Fluoranthene	19.30	202	32808	0.516	ng/ul	84
17) Pyrene	19.66	202	51374	0.918	ng/ul#	65
18) Benzo(a)anthracene	21.39	228	18206	0.327	ng/ul#	67
19) Chrysene	21.45	228	17652	0.331	ng/ul#	76
21) Benzo(b)fluoranthene	23.15	252	9658m	0.155	ng/ul	87
22) Benzo(k)fluoranthene	23.18	252	2344m	0.038	ng/ul	
23) Benzo(a)pyrene	23.80	252	8280	0.139	ng/ul#	
24) Indeno(1,2,3-cd)pyrene	26.56	276	3355	0.051	ng/ul#	

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