

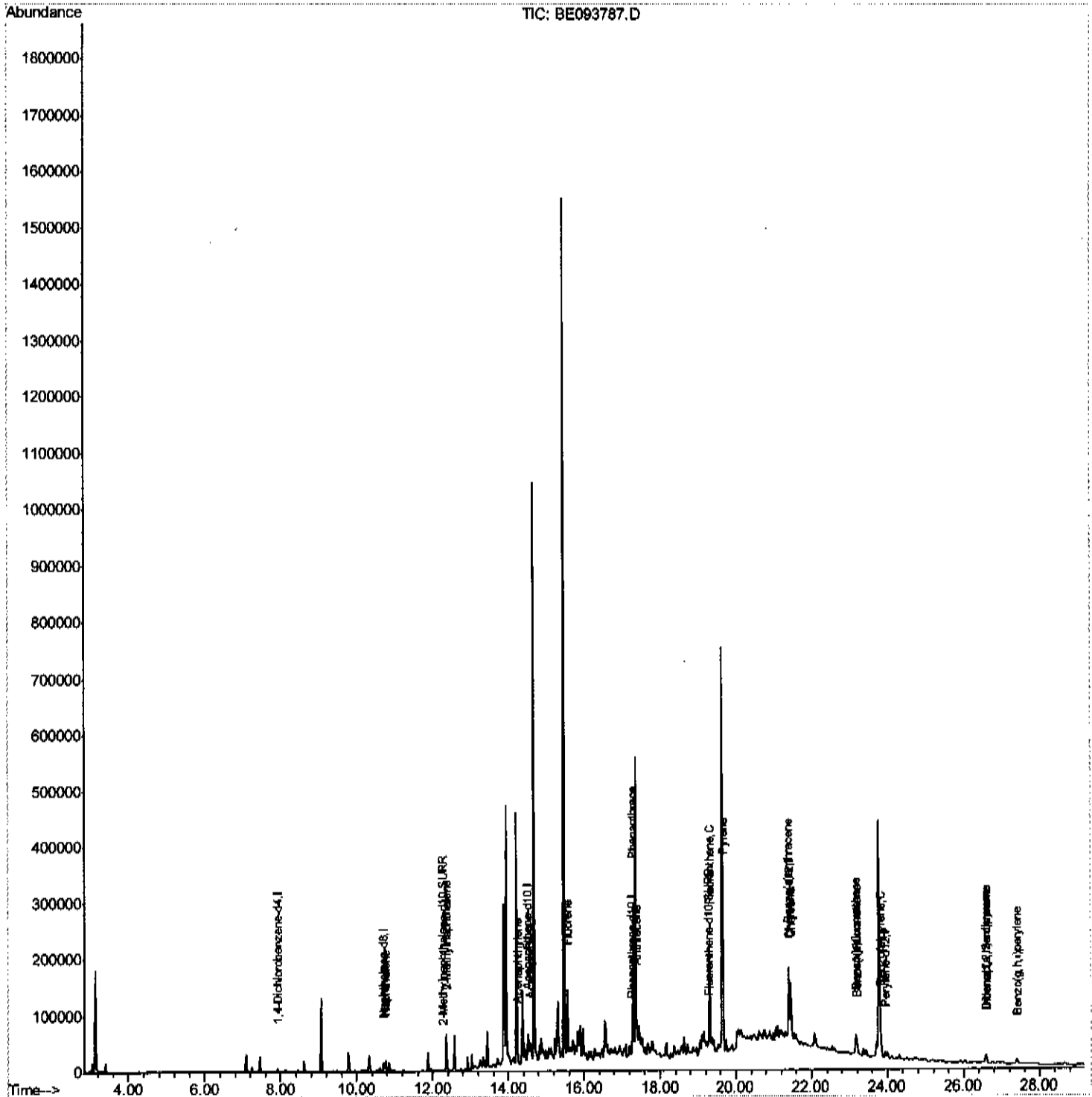
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE081417\
Data File : BE093787.D
Acq On : 14 Aug 2017 14:53
Operator : SJ/JU
Sample : I4504-17
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampled :
C0AA8

Manual Integrations
APPROVED

Sohil
8/15/2017 6:43:14 PM

Quant Time: Aug 14 19:22:15 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE072417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 14 18:19:53 2017
Response via : Initial Calibration



Quantitation Report (Qedit)

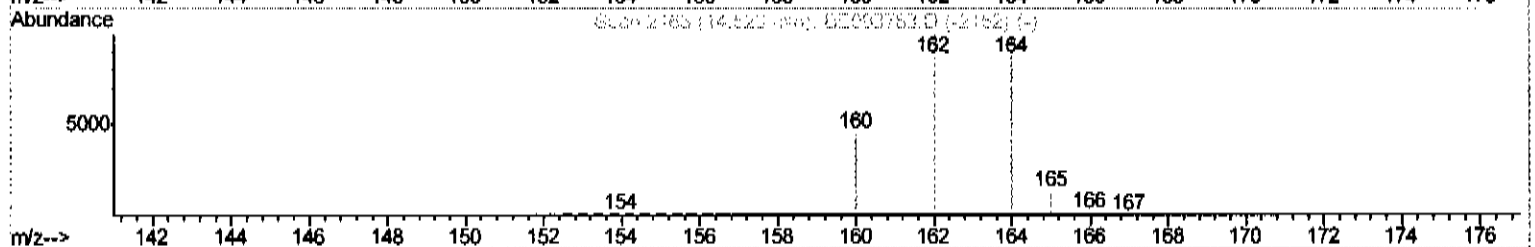
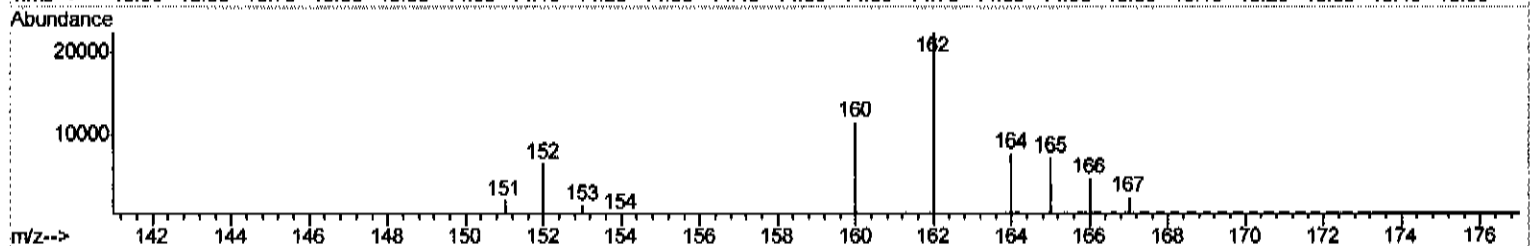
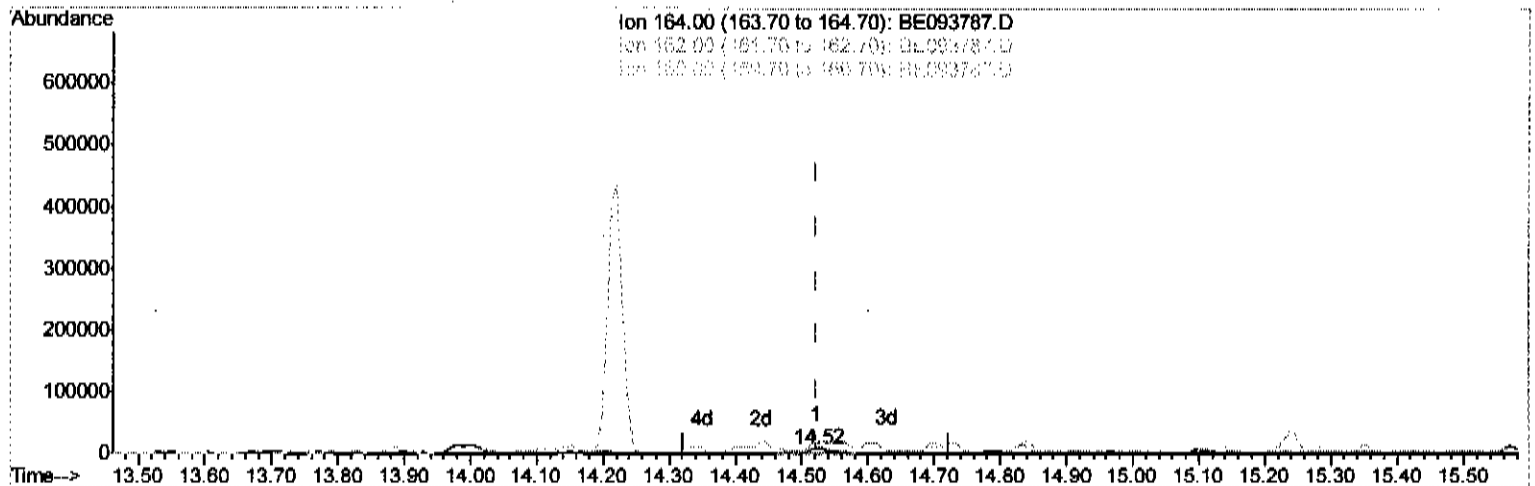
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Quant Time: Aug 14 19:20:26 2017
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TIC: BE093787.D

(6) Acenaphthene-d10 (I)

14.522min (+0.000) 0.40ng/ul

response 14963

Ion	Exp%	Act%
164.00	100	100
162.00	98.60	286.20#
160.00	48.80	147.10#
0.00	0.00	0.00

Quantitation Report (Qedit)

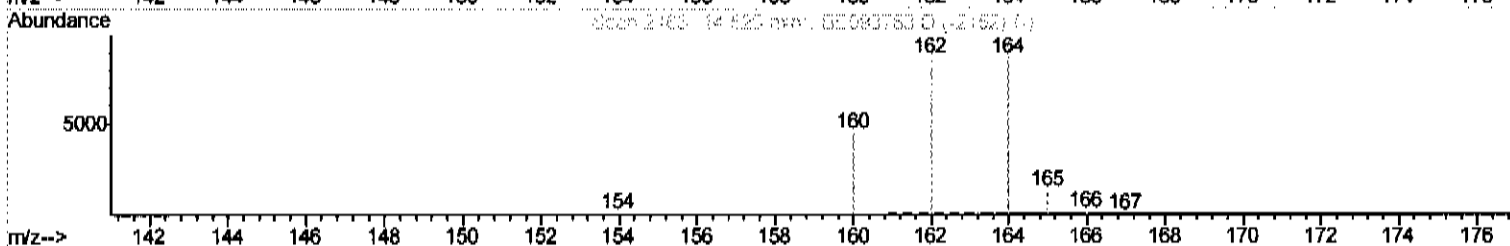
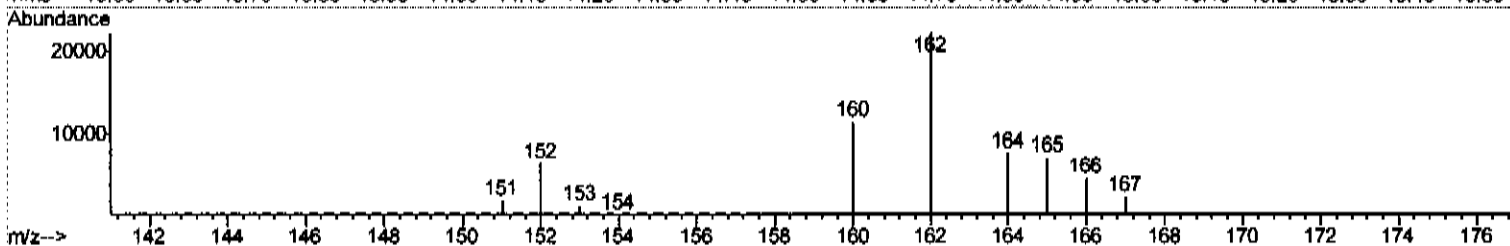
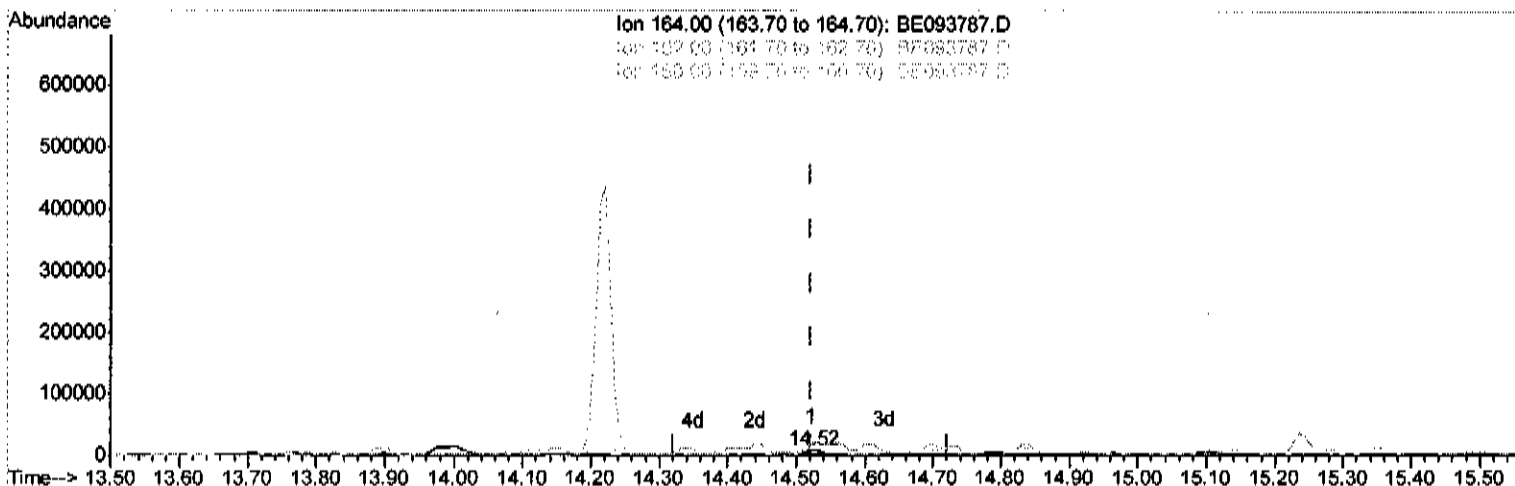
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Manual Integrations
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TIC: BE093787.D

(6) Acenaphthene-d10 (I)

14.522min (+0.000) 0.40ng/ul m

response 10828

Ion	Exp%	Act%
164.00	100	100
162.00	98.60	286.20#
160.00	48.80	147.10#
0.00	0.00	0.00

Quantitation Report (Qedit)

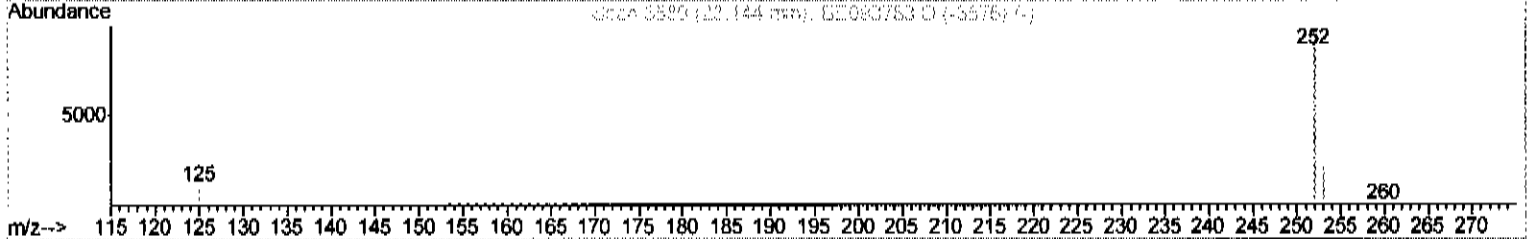
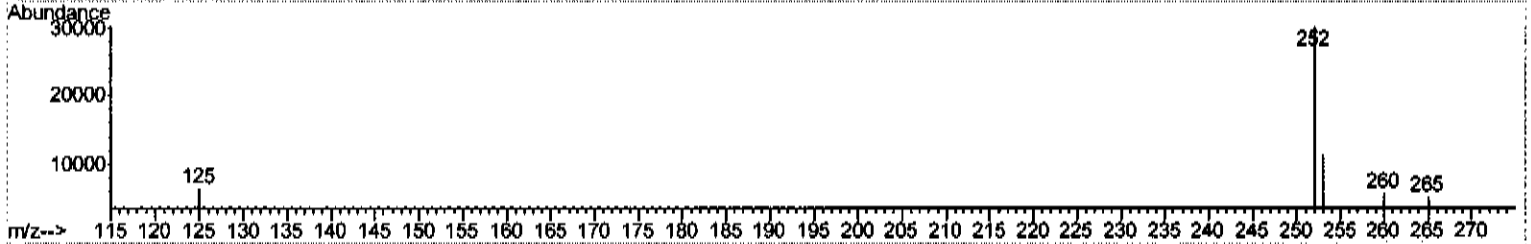
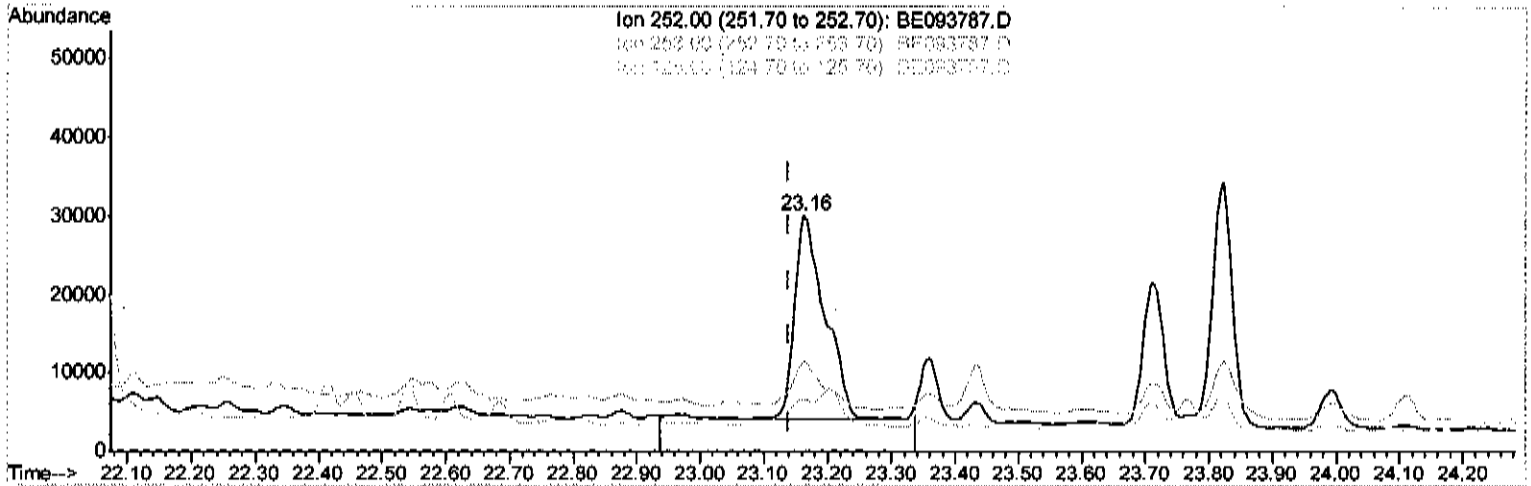
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Manual Integrations
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 8/15/2017 6:43:14 PM

Quant Time: Aug 14 19:21:02 2017
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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TIC: BE093787.D

(21) Benzo(b)fluoranthene

23.163min (+0.023) 1.29ng/ul

response 86282

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	37.95
125.00	17.50	21.91
0.00	0.00	0.00

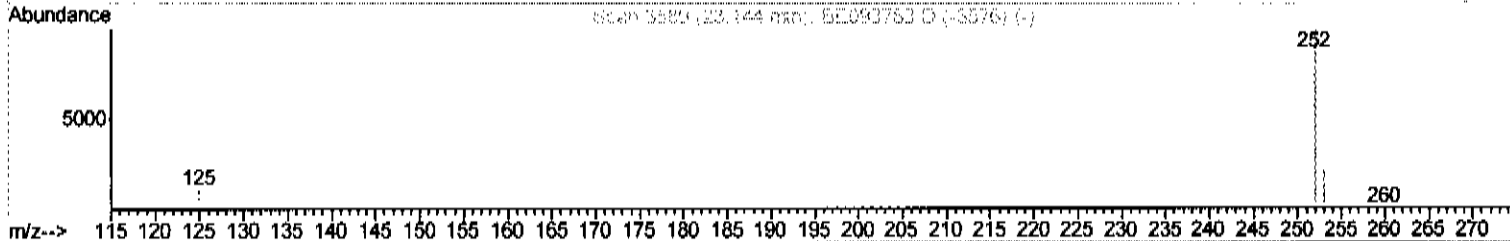
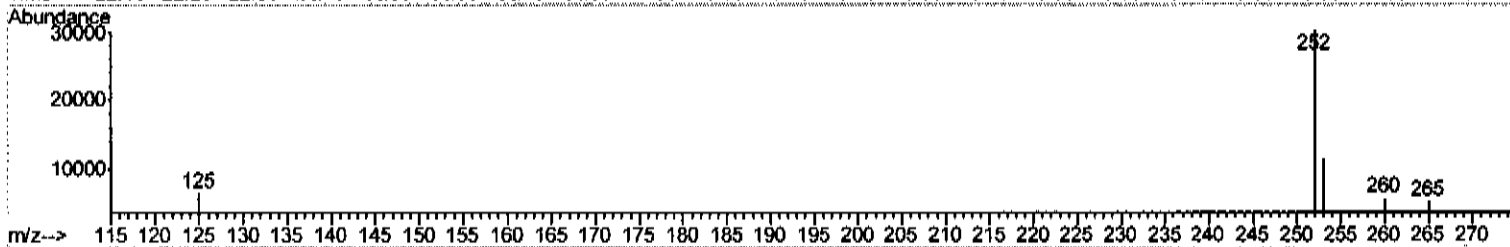
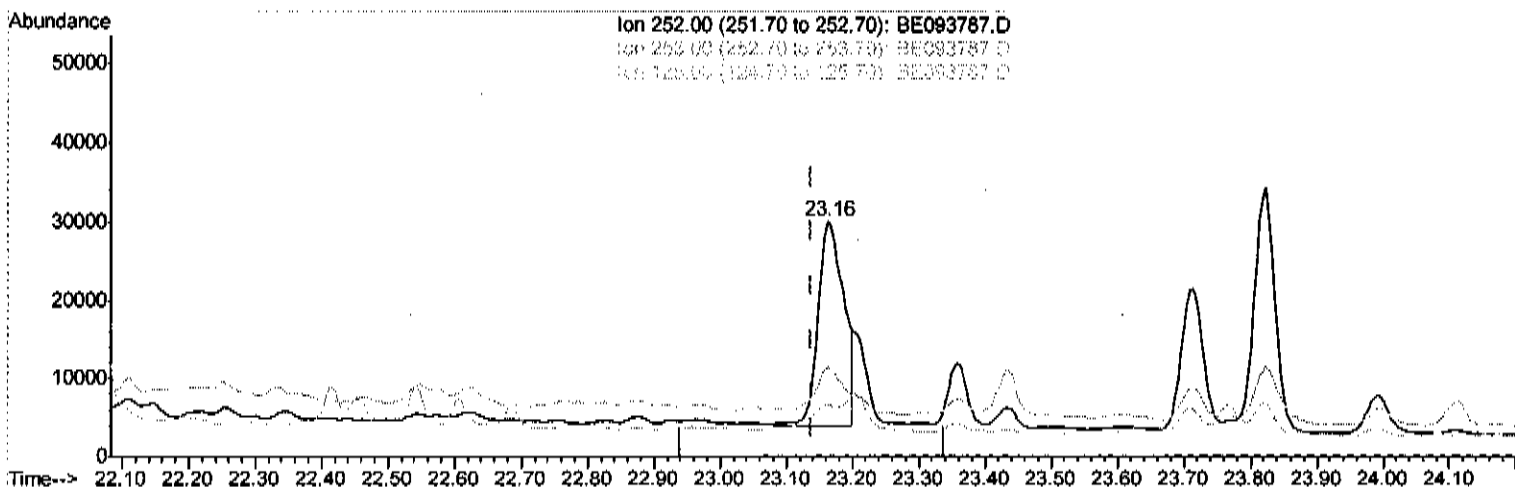
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Data File : BE093787.D
Acq On : 14 Aug 2017 14:53
Operator : SJ/JU
Sample : I4504-17
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AA8

Manual Integrations
APPROVED

Sohil
8/15/2017 6:43:14 PM

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(21) Benzo(b)fluoranthene

23.163min (+0.023) 1.06ng/ul m 8/15/17

response 70545

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	37.95
125.00	17.50	21.91
0.00	0.00	0.00

Quantitation Report (Qedit)

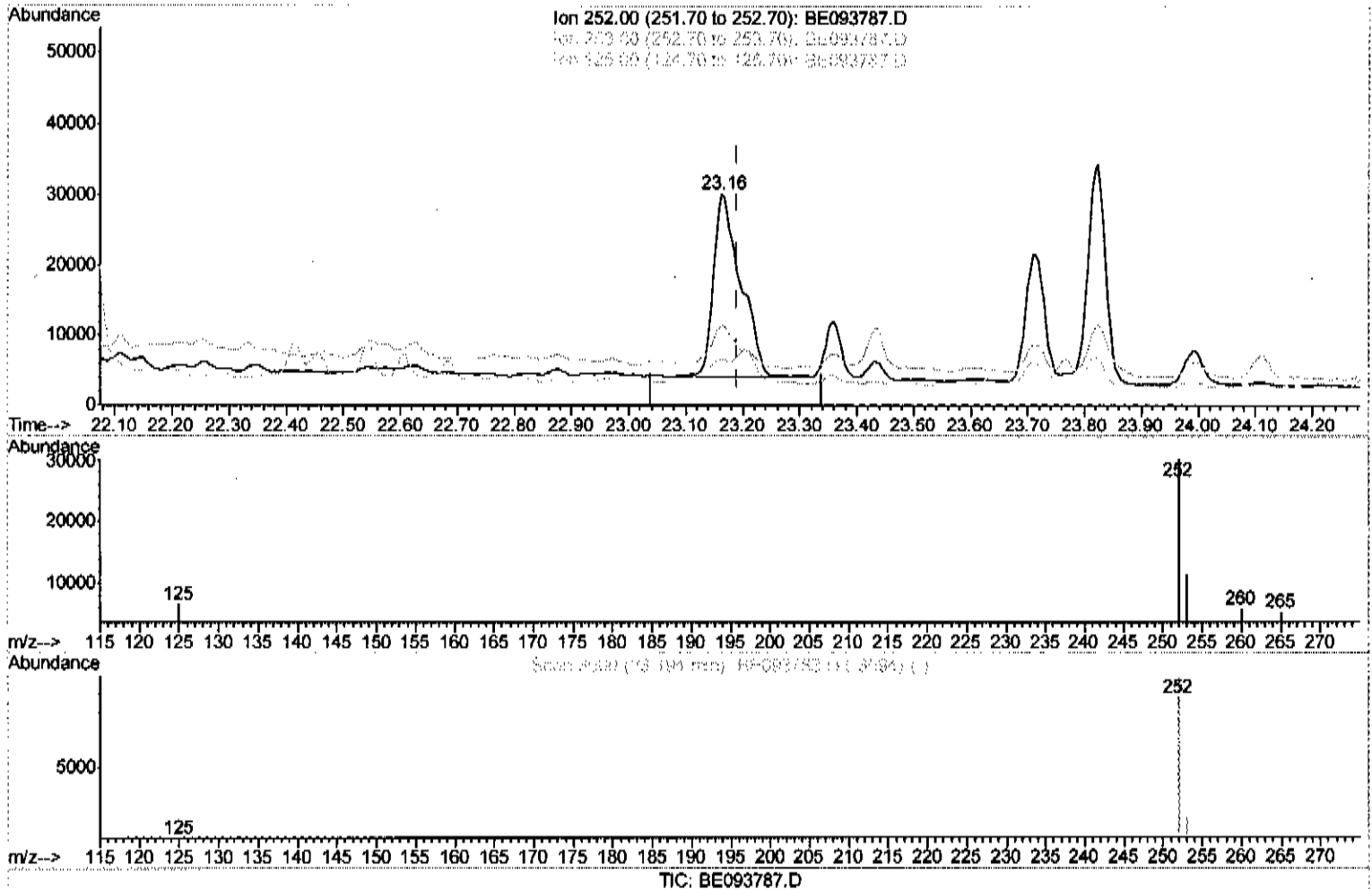
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE081417\
Data File : BE093787.D
Acq On : 14 Aug 2017 14:53
Operator : SJ/JU
Sample : I4504-17
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AA8

Manual Integrations
APPROVED

Sohil
8/15/2017 6:43:14 PM

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(22) Benzo(k)fluoranthene

23.163min (-0.027) 1.31ng/ul

response 86282

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	37.95#
125.00	17.10	21.91#
0.00	0.00	0.00

Quantitation Report (Qedit)

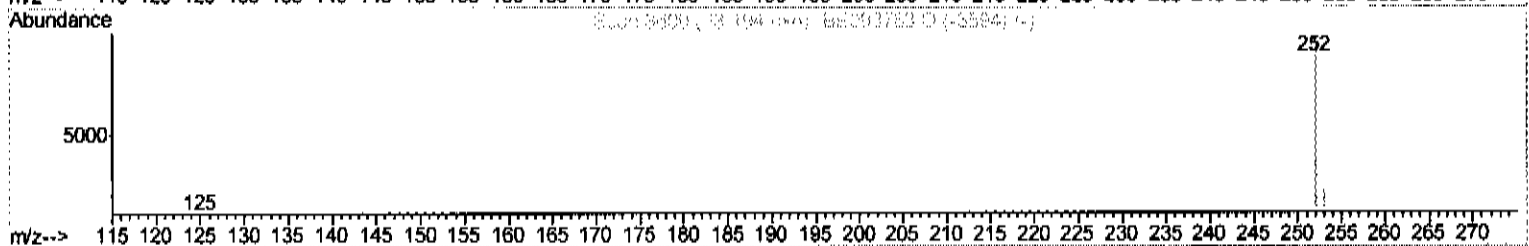
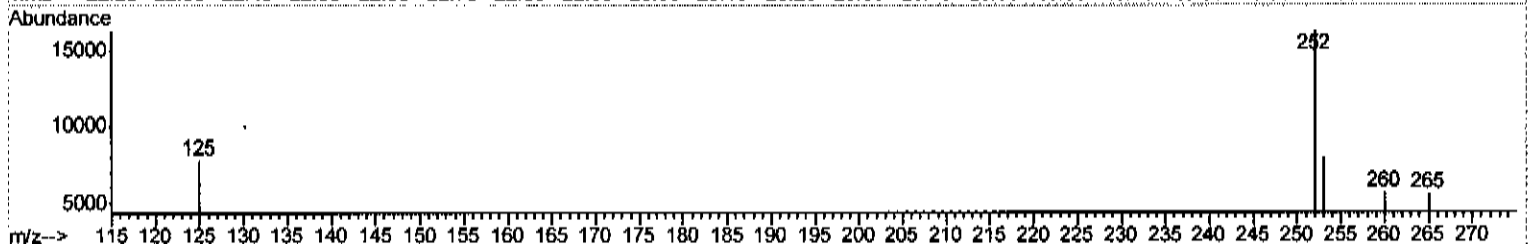
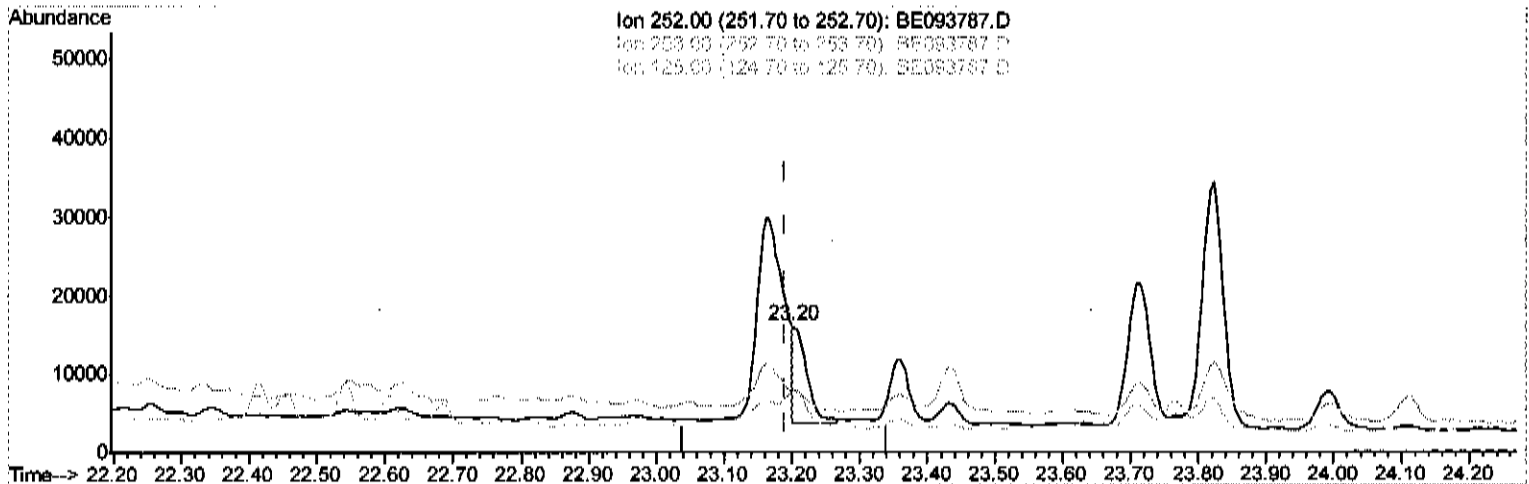
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Data File : BE093787.D
Acq On : 14 Aug 2017 14:53
Operator : SJ/JU
Sample : I4504-17
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AA8

Manual Integrations
APPROVED

Sohil
8/15/2017 6:43:14 PM

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TIC: BE093787.D

(22) Benzo(k)fluoranthene

23.199min (+0.010) 0.26ng/ul m

response 17225

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	48.74#
125.00	17.10	48.01#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE081417\
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 Acq On : 14 Aug 2017 14:53
 Operator : SJ/JU
 Sample : I4504-17
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampled :
 C0AA8

Manual Integrations
 APPROVED

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	3134	0.40	ng/ul	0.00
2) Naphthalene-d8	10.70	136	16119	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.52	164	10828m	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	15160	0.40	ng/ul	0.00
16) Chrysene-d12	21.42	240	22337	0.40	ng/ul	0.00
20) Perylene-d12	23.94	264	21547	0.40	ng/ul	0.03

System Monitoring Compounds

4) 2-Methylnaphthalene-d10	12.28	152	3938	0.15	ng/ul	0.00
14) Fluoranthene-d10	19.28	212	8542	0.18	ng/ul	0.00

Target Compounds

					Qvalue	
3) Naphthalene	10.75	128	27559	0.703	ng/ul#	93
5) 2-Methylnaphthalene	12.36	142	53080	1.856	ng/ul	99
7) Acenaphthylene	14.25	152	9988	0.221	ng/ul#	53
8) Acenaphthene	14.58	153	14628	0.411	ng/ul	93
9) Fluorene	15.57	166	67043	1.488	ng/ul	83
12) Phenanthrene	17.29	178	331516	8.030	ng/ul#	88
13) Anthracene	17.38	178	62667	1.558	ng/ul#	86
15) Fluoranthene	19.31	202	178050	3.448	ng/ul	83
17) Pyrene	19.67	202	287866	4.415	ng/ul#	83
18) Benzo(a)anthracene	21.40	228	110705	1.709	ng/ul#	74
19) Chrysene	21.45	228	107709	1.734	ng/ul#	75
21) Benzo(b)fluoranthene	23.16	252	70545m	1.058	ng/ul	} — 8/15/17
22) Benzo(k)fluoranthene	23.20	252	17225m	0.262	ng/ul	
23) Benzo(a)pyrene	23.82	252	69004	1.088	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.59	276	32214	0.460	ng/ul#	81
25) Dibenzo(a,h)anthracene	26.60	278	6971	0.119	ng/ul#	1
26) Benzo(g,h,i)perylene	27.41	276	22020	0.373	ng/ul#	77

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