

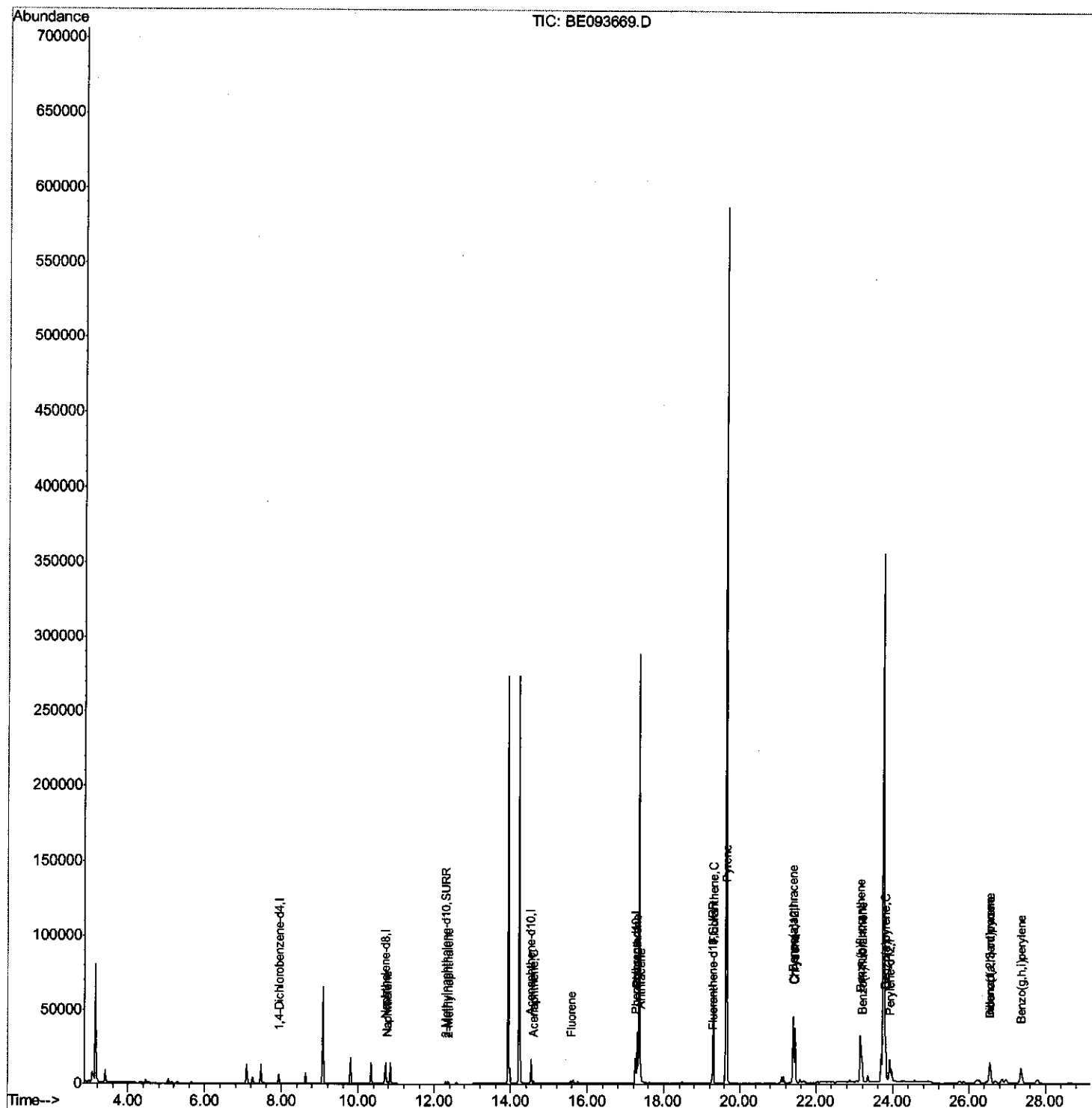
Data Path : Z:\HPCHEM1\BNA_E\Data\BE080417\
Data File : BE093669.D
Acq On : 4 Aug 2017 13:54
Operator : SJ/JU
Sample : I4373-09DL 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_E
Client Sampled :
C0AA6

Manual Integrations
APPROVED

Sohil
8/4/2017 5:28:13 PM

Quant Time: Aug 04 17:03:24 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE072417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 04 16:09:39 2017
Response via : Initial Calibration



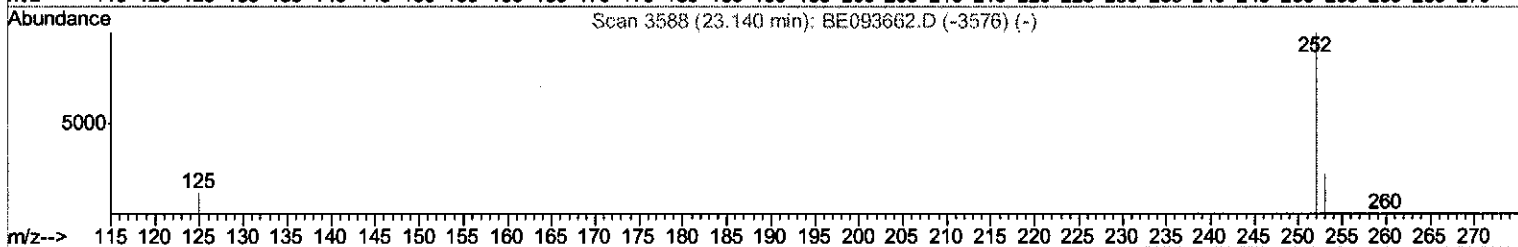
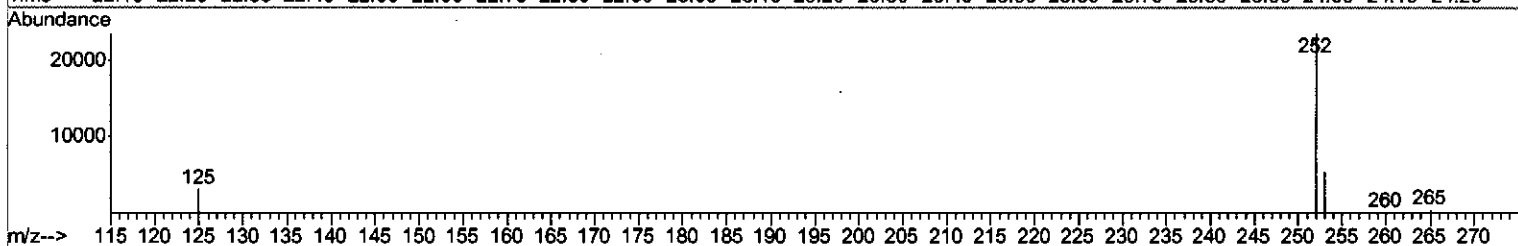
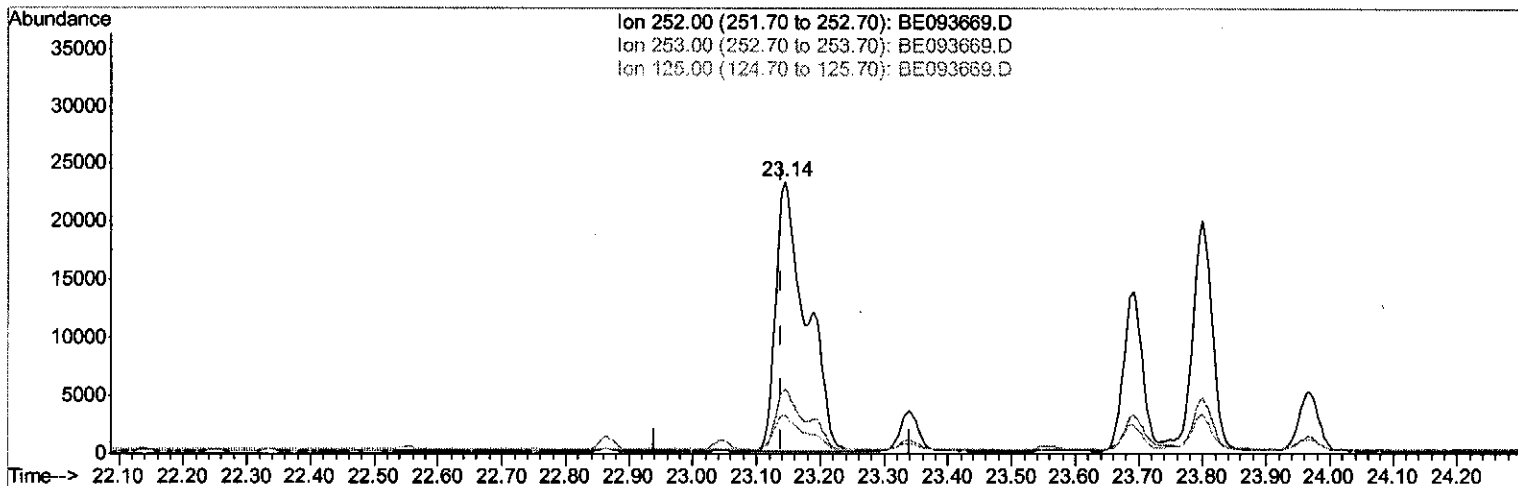
Data Path : Z:\HPCHEM1\BNA_E\Data\BE080417\
Data File : BE093669.D
Acq On : 4 Aug 2017 13:54
Operator : SJ/JU
Sample : I4373-09DL 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleID :
C0AA6

Manual Integrations
APPROVED

Sohil
8/4/2017 5:28:13 PM

Quant Time: Aug 04 17:00:44 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE072417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 04 16:09:39 2017
Response via : Initial Calibration



TIC: BE093669.D

(21) Benzo(b)fluoranthene

23.144min (+0.004) 1.05ng/ul

response 77370

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	23.66
125.00	17.50	14.01
0.00	0.00	0.00

Quantitation Report (Qedit)

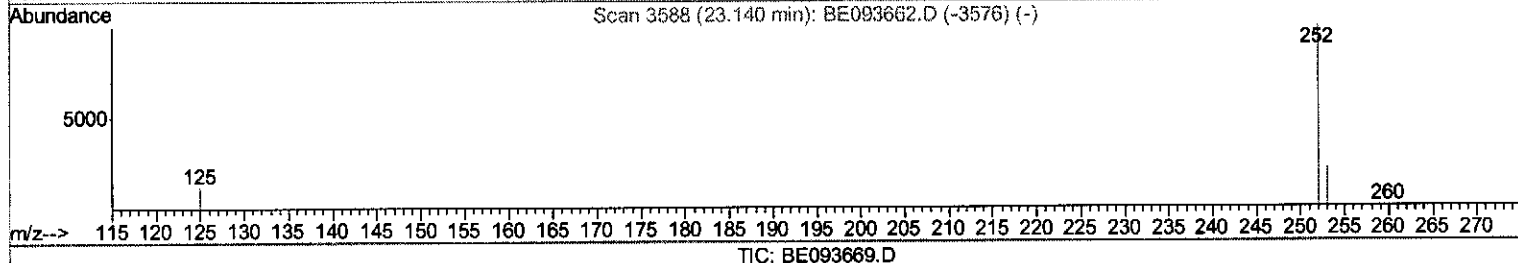
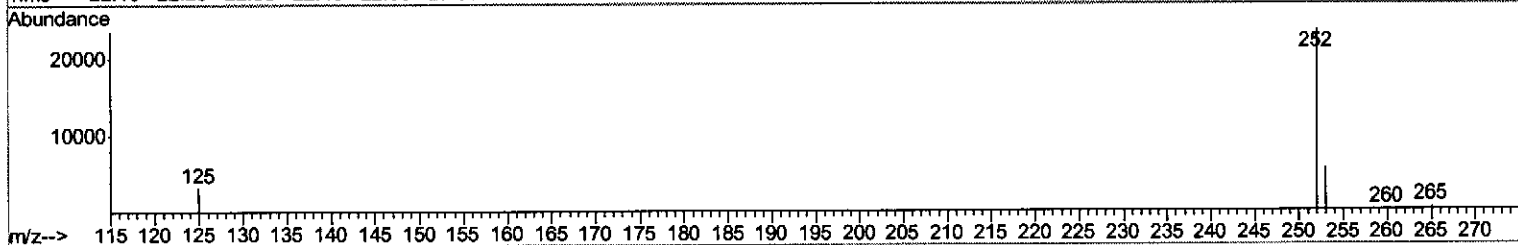
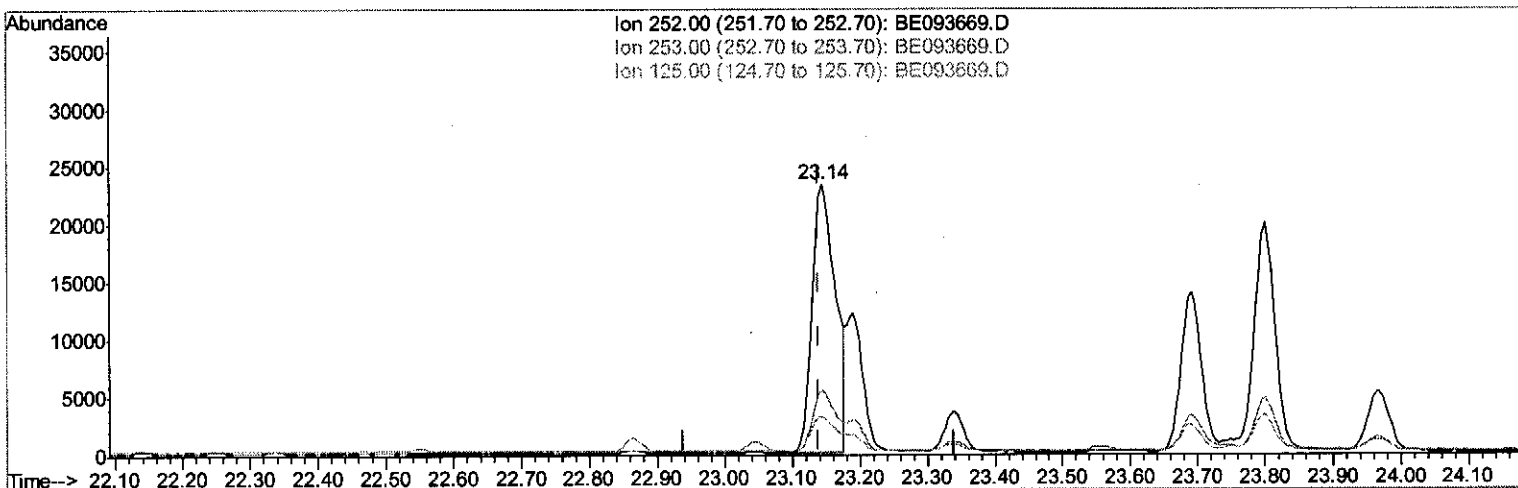
Data Path : Z:\HPCHEM1\BNA_E\Data\BE080417\
 Data File : BE093669.D
 Acq On : 4 Aug 2017 13:54
 Operator : SJ/JU
 Sample : I4373-09DL 2X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleID :
 C0AA6

Manual Integrations
 APPROVED

Sohil
 8/4/2017 5:28:13 PM

Quant Time: Aug 04 17:00:44 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE072417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 04 16:09:39 2017
 Response via : Initial Calibration



(21) Benzo(b)fluoranthene

23.144min (+0.004) 0.76ng/ul m

SJ 8/4/17

response 56253

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	23.66
125.00	17.50	14.01
0.00	0.00	0.00

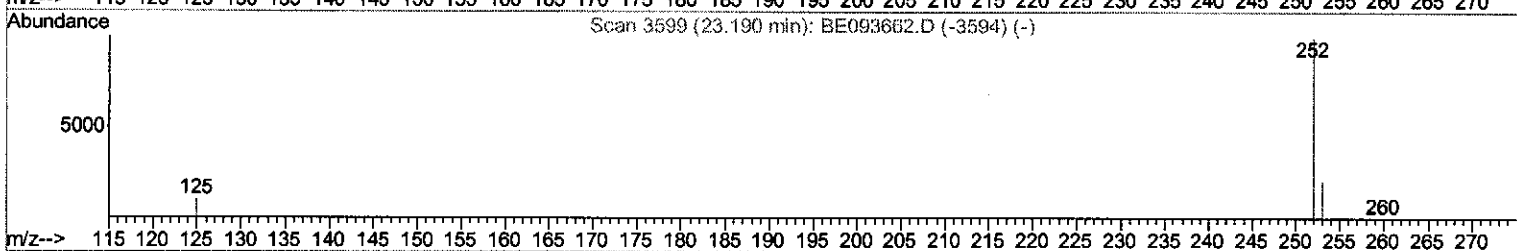
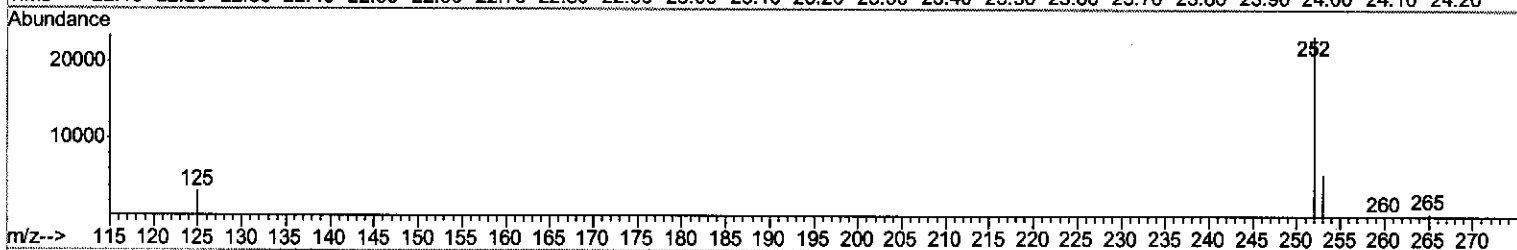
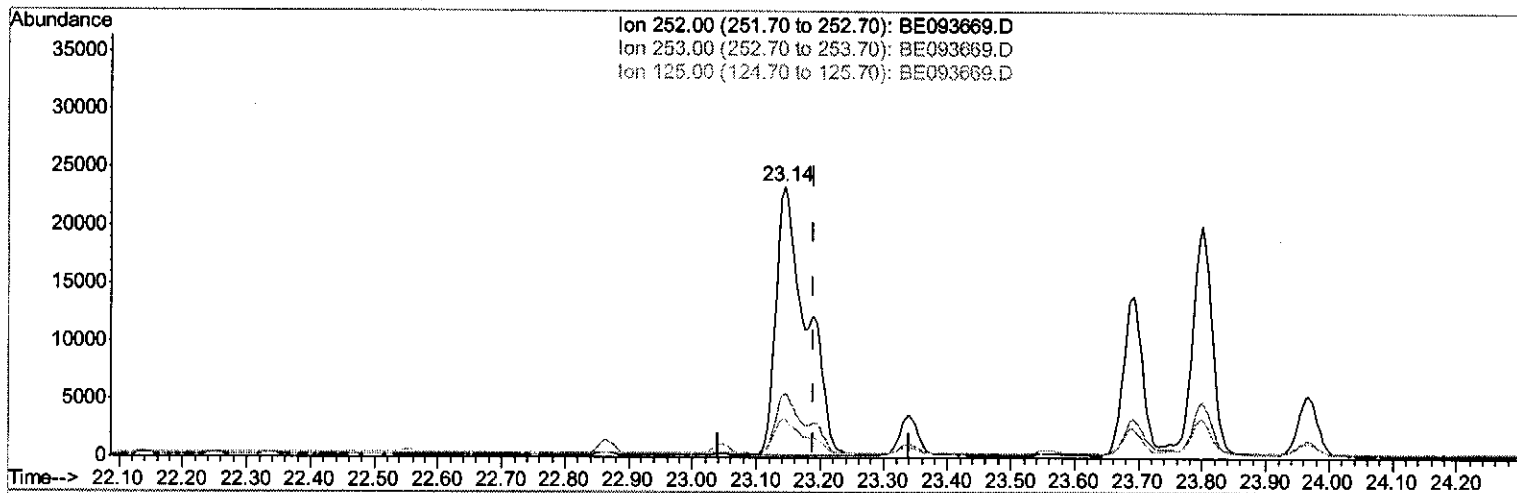
Data Path : Z:\HPCHEM1\BNA_E\Data\BE080417\
Data File : BE093669.D
Acq On : 4 Aug 2017 13:54
Operator : SJ/JU
Sample : I4373-09DL 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampled :
C0AA6

Manual Integrations
APPROVED

Sohil
8/4/2017 5:28:13 PM

Quant Time: Aug 04 17:00:44 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE072417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 04 16:09:39 2017
Response via : Initial Calibration



TIC: BE093669.D

(22) Benzo(k)fluoranthene

23.144min (-0.046) 1.07ng/ul

response 77370

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	23.66#
125.00	17.10	14.01
0.00	0.00	0.00

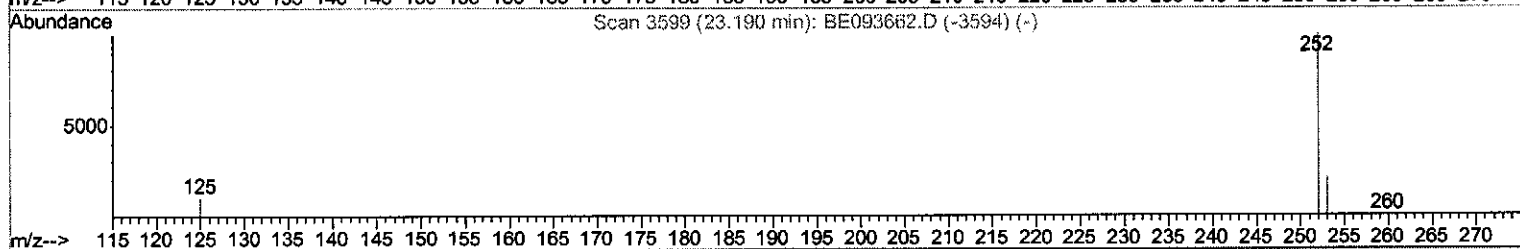
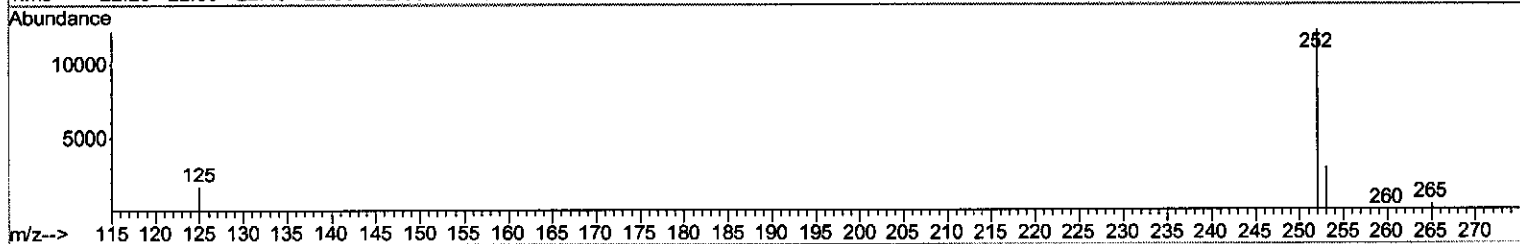
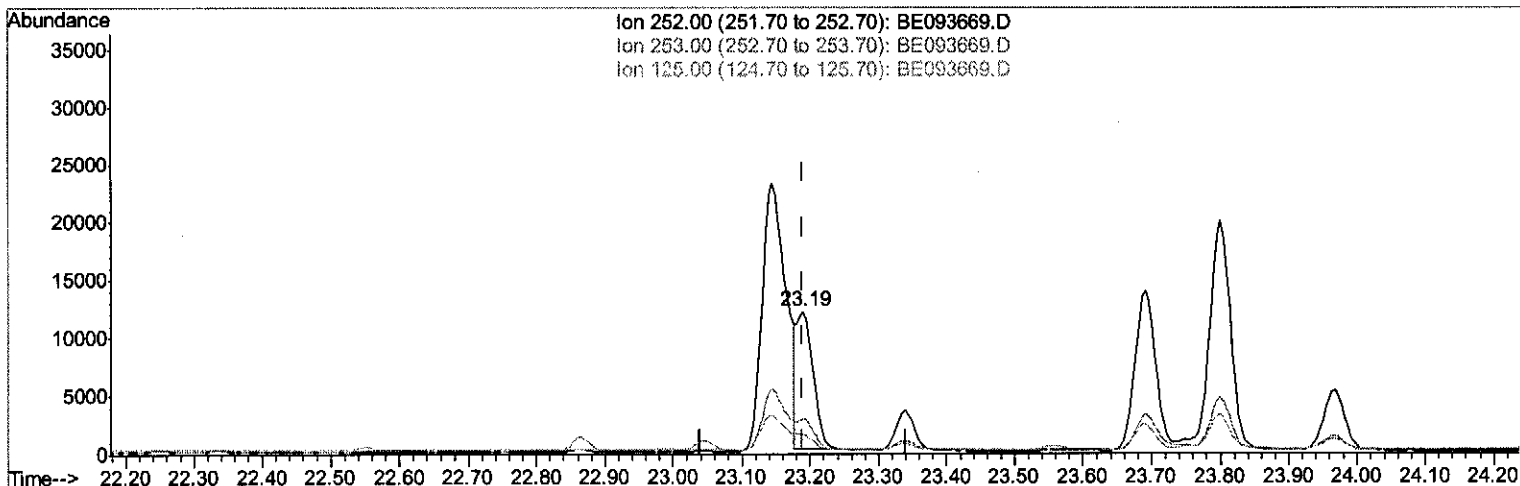
Data Path : Z:\HPCHEM1\BNA_E\Data\BE080417\
Data File : BE093669.D
Acq On : 4 Aug 2017 13:54
Operator : SJ/JU
Sample : I4373-09DL 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampled :
C0AA6

Manual Integrations
APPROVED

Sohil
8/4/2017 5:28:13 PM

Quant Time: Aug 04 17:00:44 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE072417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 04 16:09:39 2017
Response via : Initial Calibration



TIC: BE093669.D

(22) Benzo(k)fluoranthene

23.189min (-0.001) 0.27ng/ul m

SJ 8/4/17

response 19933

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	24.56
125.00	17.10	13.94
0.00	0.00	0.00

Quantitation Report (Qedit)

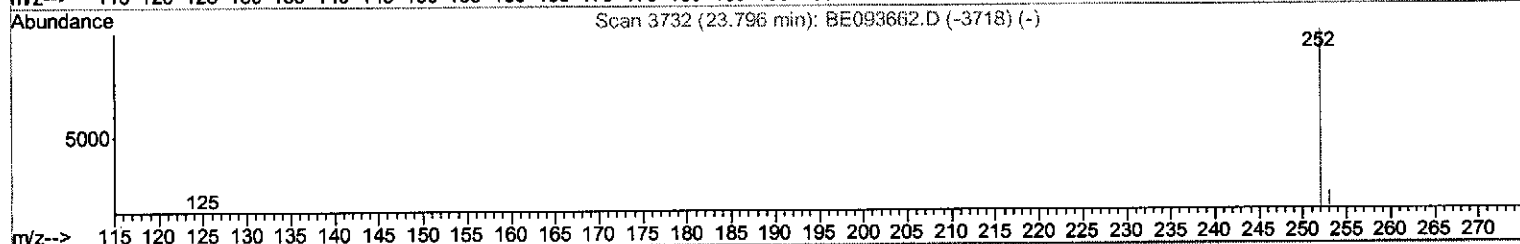
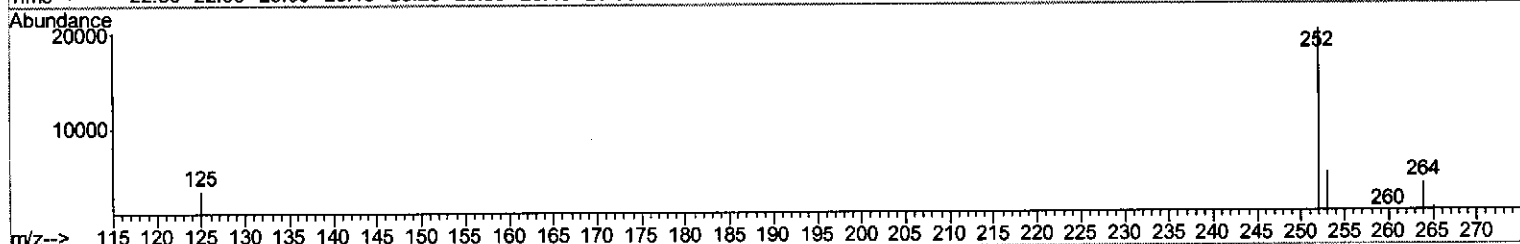
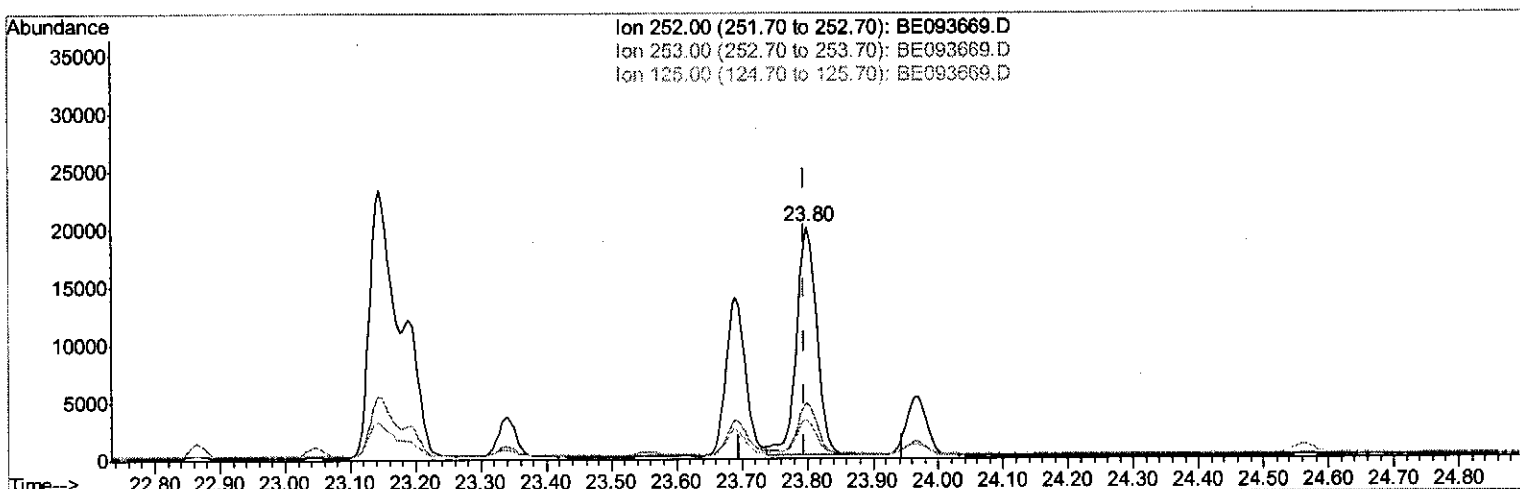
Data Path : Z:\HPCHEM1\BNA_E\Data\BE080417\
Data File : BE093669.D
Acq On : 4 Aug 2017 13:54
Operator : SJ/JU
Sample : I4373-09DL 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampled :
C0AA6

Manual Integrations
APPROVED

Sohil
8/4/2017 5:28:13 PM

Quant Time: Aug 04 17:00:44 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE072417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 04 16:09:39 2017
Response via : Initial Calibration



TIC: BE093669.D

(23) Benzo(a)pyrene (C)

23.799min (+0.004) 0.61ng/ul

response 42660

Ion	Exp%	Act%
252.00	100	100
253.00	35.60	24.31#
125.00	22.60	16.93#
0.00	0.00	0.00

Quantitation Report (Qedit)

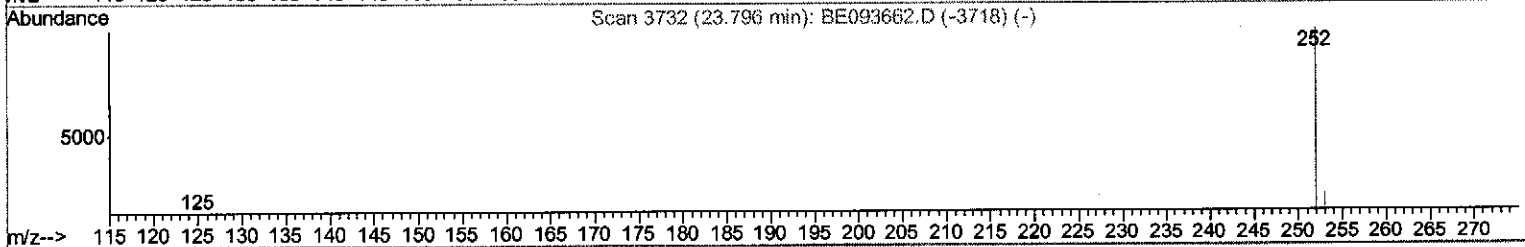
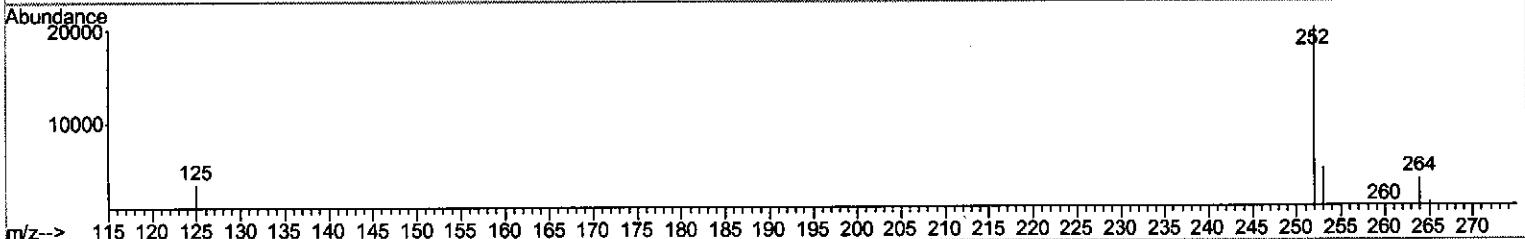
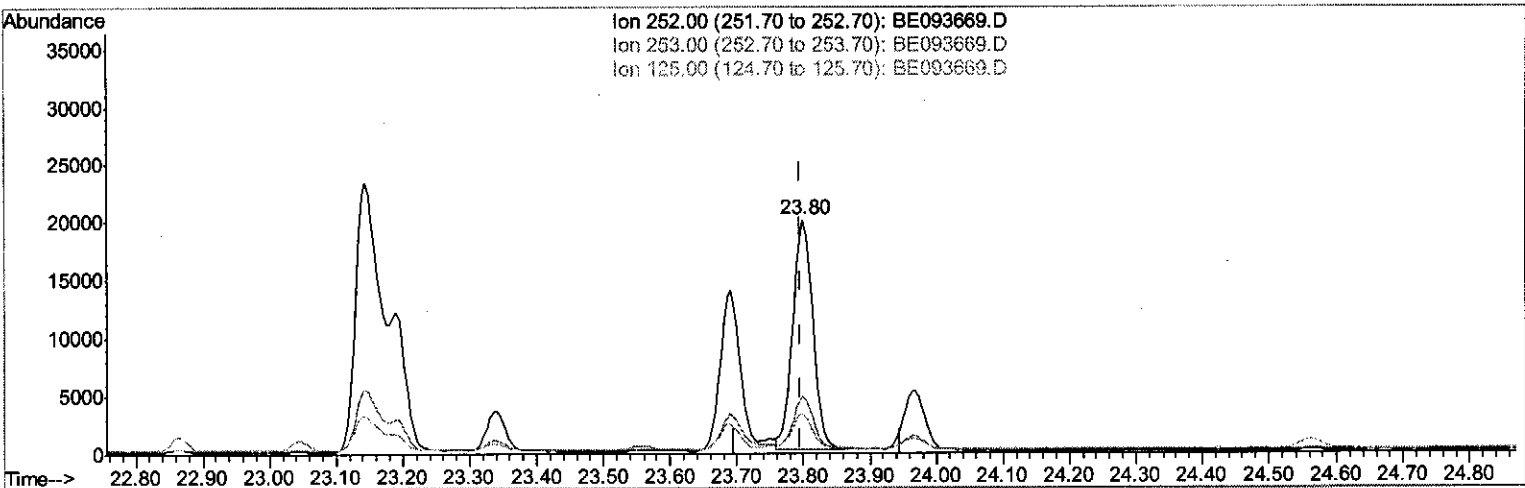
Data Path : Z:\HPCHEM1\BNA_E\Data\BE080417\
 Data File : BE093669.D
 Acq On : 4 Aug 2017 13:54
 Operator : SJ/JU
 Sample : I4373-09DL 2X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AA6

Manual Integrations
 APPROVED

Sohil
 8/4/2017 5:28:13 PM

Quant Time: Aug 04 17:00:44 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE072417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 04 16:09:39 2017
 Response via : Initial Calibration



TIC: BE093669.D

(23) Benzo(a)pyrene (C)

23.799min (+0.004) 0.59ng/ul m

response 41617

Ion	Exp%	Act%
252.00	100	100
253.00	35.60	24.31#
125.00	22.60	16.93#
0.00	0.00	0.00

SJ 8/4/17

Data Path : Z:\HPCHEM1\BNA_E\Data\BE080417\
 Data File : BE093669.D
 Acq On : 4 Aug 2017 13:54
 Operator : SJ/JU
 Sample : I4373-09DL 2X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampled :
 C0AA6

Manual Integrations
 APPROVED

Sohil
 8/4/2017 5:28:13 PM

Quant Time: Aug 04 17:03:24 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE072417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 04 16:09:39 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	2956	0.40	ng/ul	0.00
2) Naphthalene-d8	10.71	136	15285	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.53	164	9396	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	21744	0.40	ng/ul	0.00
16) Chrysene-d12	21.41	240	23139	0.40	ng/ul	0.00
20) Perylene-d12	23.91	264	23785	0.40	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.29	152	2065	0.08	ng/ul	0.00
14) Fluoranthene-d10	19.27	212	6795	0.10	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	10.76	128	1461	0.039	ng/ul#	89
5) 2-Methylnaphthalene	12.36	142	1331	0.049	ng/ul	98
8) Acenaphthene	14.59	153	1024	0.033	ng/ul	97
9) Fluorene	15.57	166	1185	0.030	ng/ul	92
12) Phenanthrene	17.29	178	38363	0.648	ng/ul#	88
13) Anthracene	17.38	178	8654	0.150	ng/ul#	90
15) Fluoranthene	19.30	202	72203	0.975	ng/ul	84
17) Pyrene	19.66	202	64501	0.955	ng/ul#	83
18) Benzo(a)anthracene	21.39	228	39026	0.582	ng/ul#	87
19) Chrysene	21.45	228	38235	0.594	ng/ul	99
21) Benzo(b)fluoranthene	23.14	252	56253m	0.765	ng/ul	
22) Benzo(k)fluoranthene	23.19	252	19933m	0.275	ng/ul	
23) Benzo(a)pyrene	23.80	252	41617m	0.595	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.55	276	26327	0.341	ng/ul#	80
25) Dibenzo(a,h)anthracene	26.56	278	6721	0.104	ng/ul#	91
26) Benzo(g,h,i)perylene	27.36	276	25239	0.388	ng/ul	98

SJ 8/4/17

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