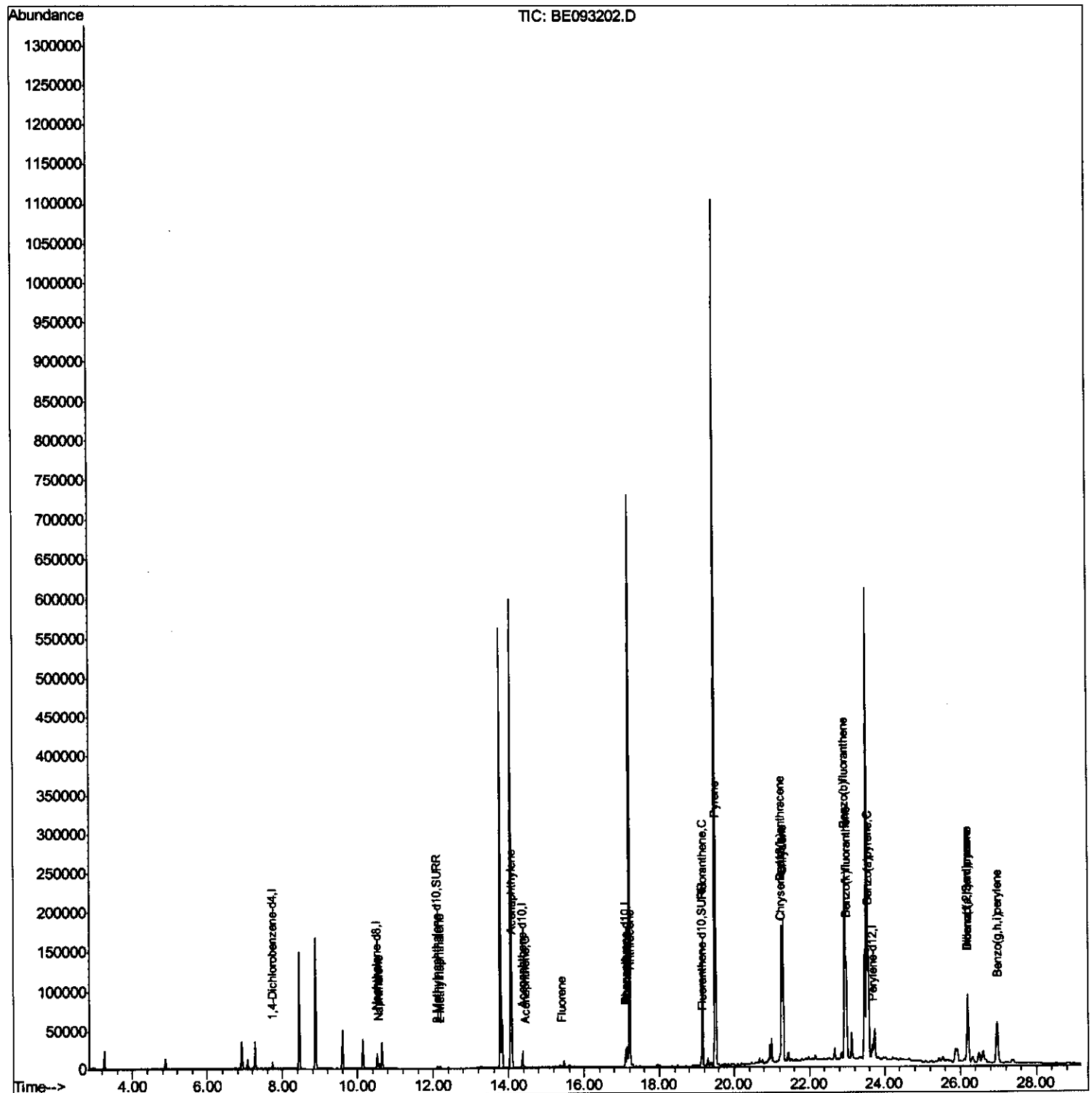


Instrument :
BNA_E
ClientSampleId :
F5C42

mohammad
6/15/2017 3:54:36 PM

Quant Time: Jun 15 11:48:59 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE060717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 15 07:58:47 2017
Response via : Initial Calibration



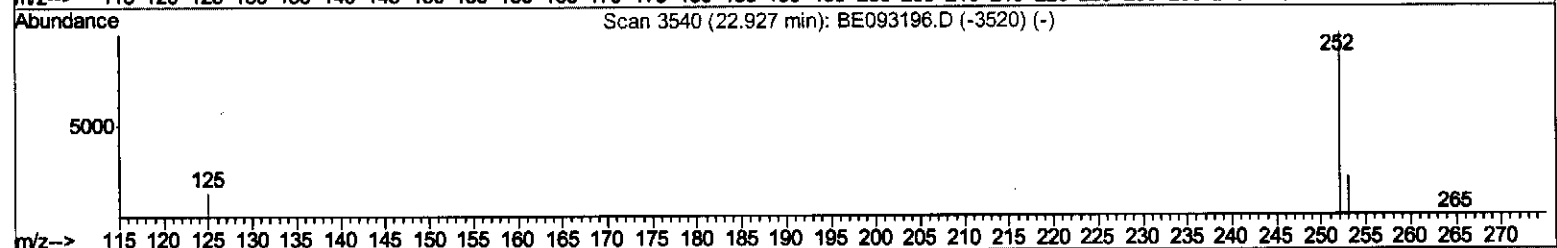
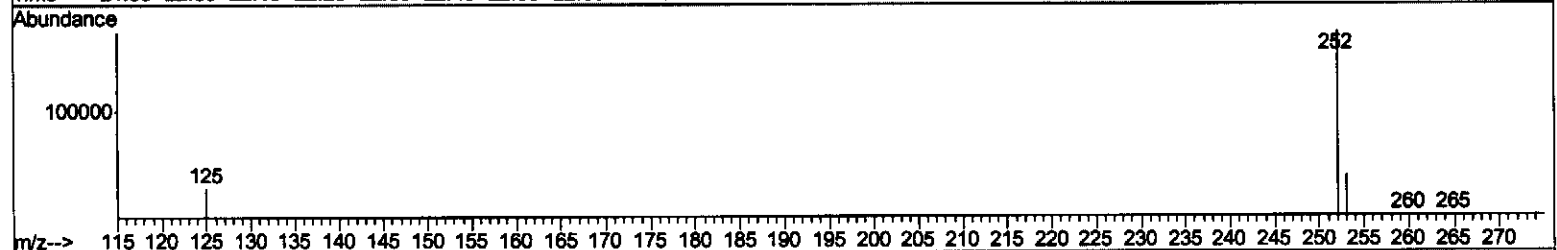
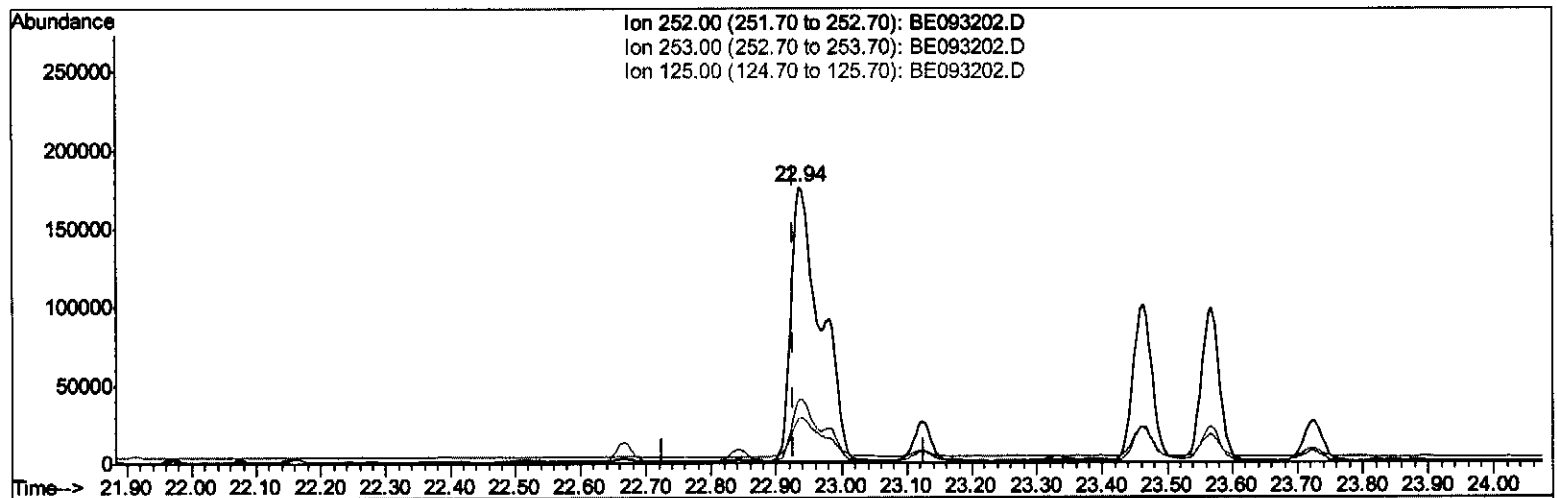
Data Path : Z:\HPCHEM1\BNA_E\Data\BE061417\
Data File : BE093202.D
Acq On : 15 Jun 2017 11:07
Operator : SJ/MA
Sample : I3521-04
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
F5C42

Manual Integrations
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mohammad
6/15/2017 3:54:36 PM

Quant Time: Jun 15 11:46:41 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE060717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 15 07:58:47 2017
Response via : Initial Calibration



TIC: BE093202.D

(21) Benzo(b)fluoranthene

22.935min (+0.009) 6.68ng/ul

response 555068

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	23.11
125.00	17.50	16.25
0.00	0.00	0.00

Quantitation Report (Qedit)

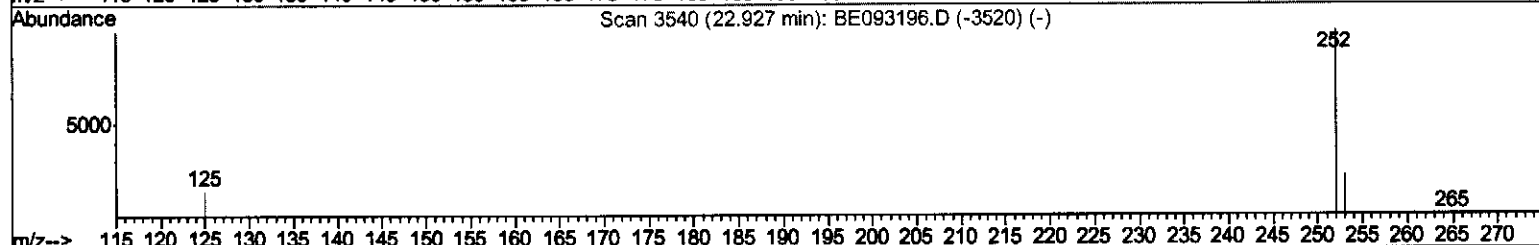
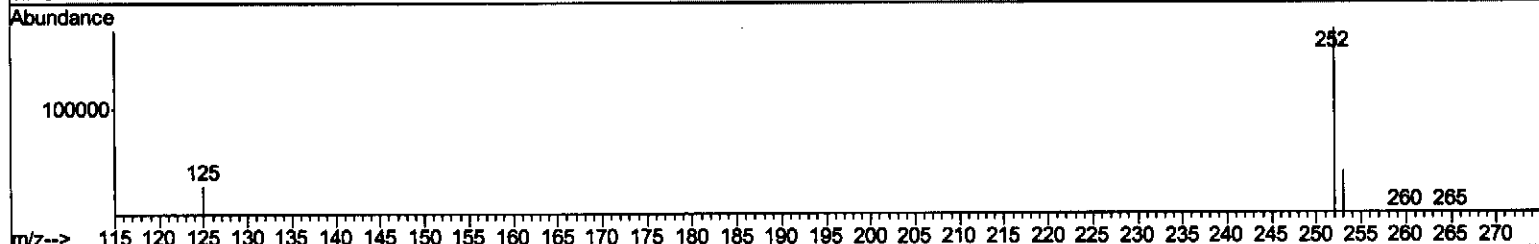
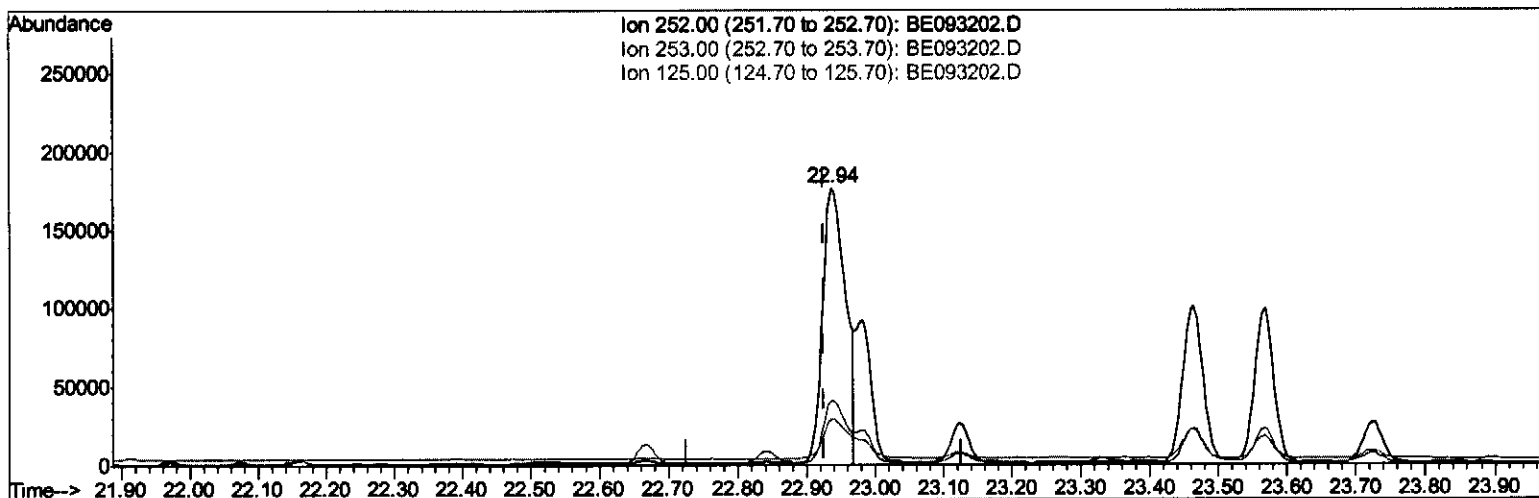
Data Path : Z:\HPCHEM1\BNA_E\Data\BE061417\
 Data File : BE093202.D
 Acq On : 15 Jun 2017 11:07
 Operator : SJ/MA
 Sample : I3521-04
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampled :
 F5C42

Manual Integrations
 APPROVED

mohammad
 6/15/2017 3:54:36 PM

Quant Time: Jun 15 11:46:41 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE060717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 15 07:58:47 2017
 Response via : Initial Calibration



TIC: BE093202.D

(21) Benzo(b)fluoranthene

22.935min (+0.009) 5.00ng/ul m

response 416047

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	23.11
125.00	17.50	16.25
0.00	0.00	0.00

55
 06/21/17

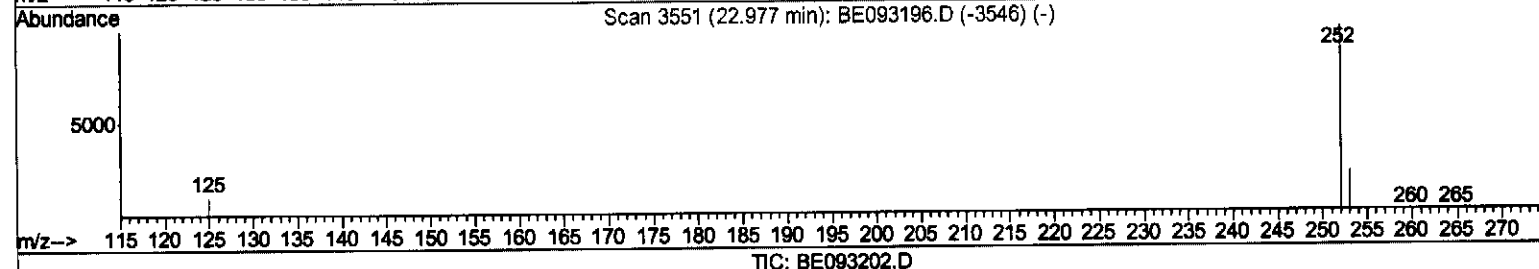
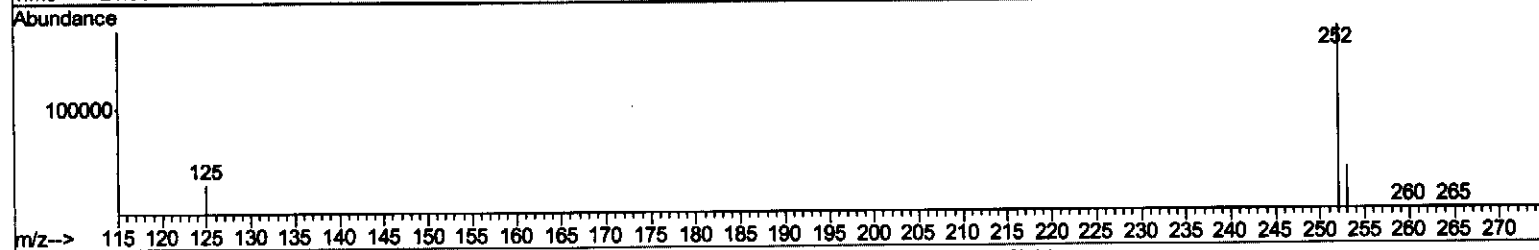
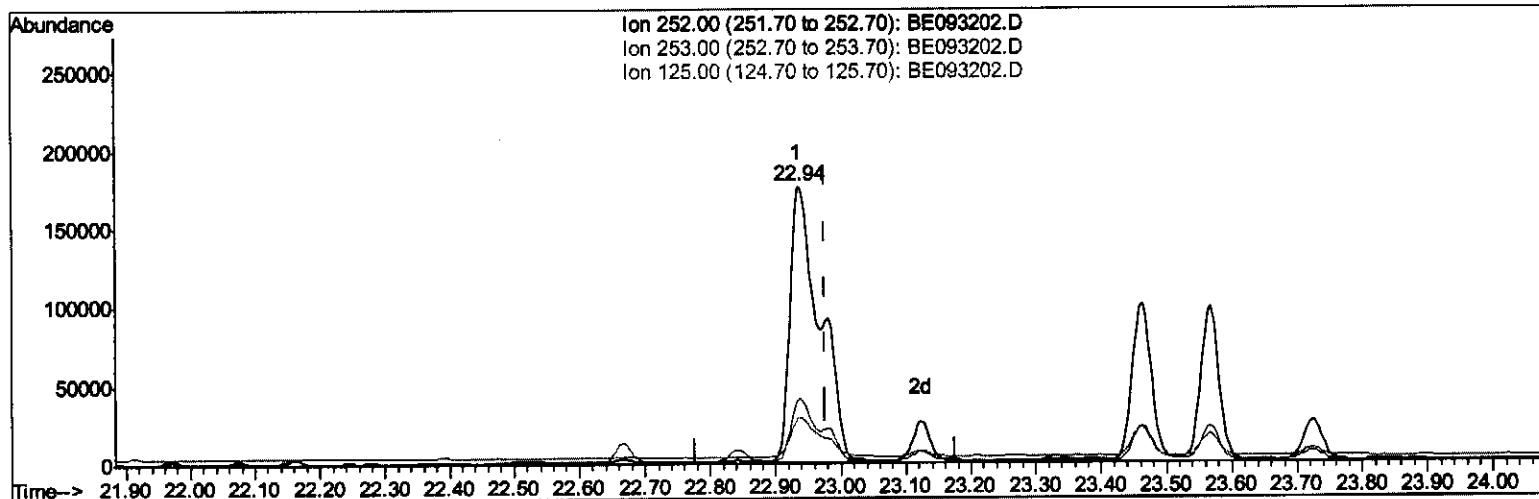
Data Path : Z:\HPCHEM1\BNA_E\Data\BE061417\
Data File : BE093202.D
Acq On : 15 Jun 2017 11:07
Operator : SJ/MA
Sample : I3521-04
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampled :
F5C42

Manual Integrations
APPROVED

mohammad
6/15/2017 3:54:36 PM

Quant Time: Jun 15 11:46:41 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE060717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 15 07:58:47 2017
Response via : Initial Calibration



(22) Benzo(k)fluoranthene

22.935min (-0.041) 6.29ng/ul

response 555068

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	23.11#
125.00	17.10	16.25
0.00	0.00	0.00

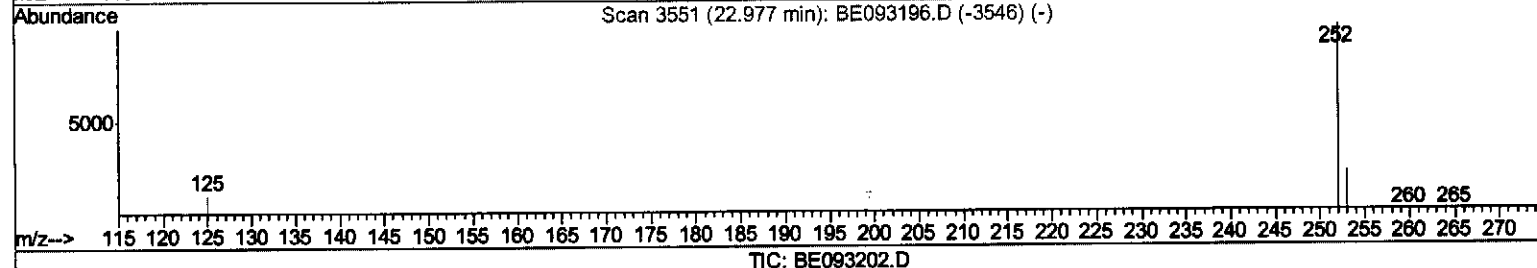
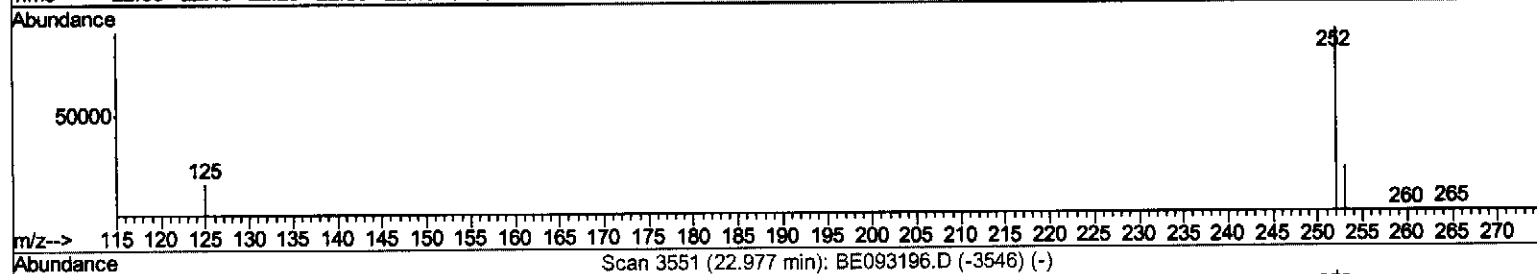
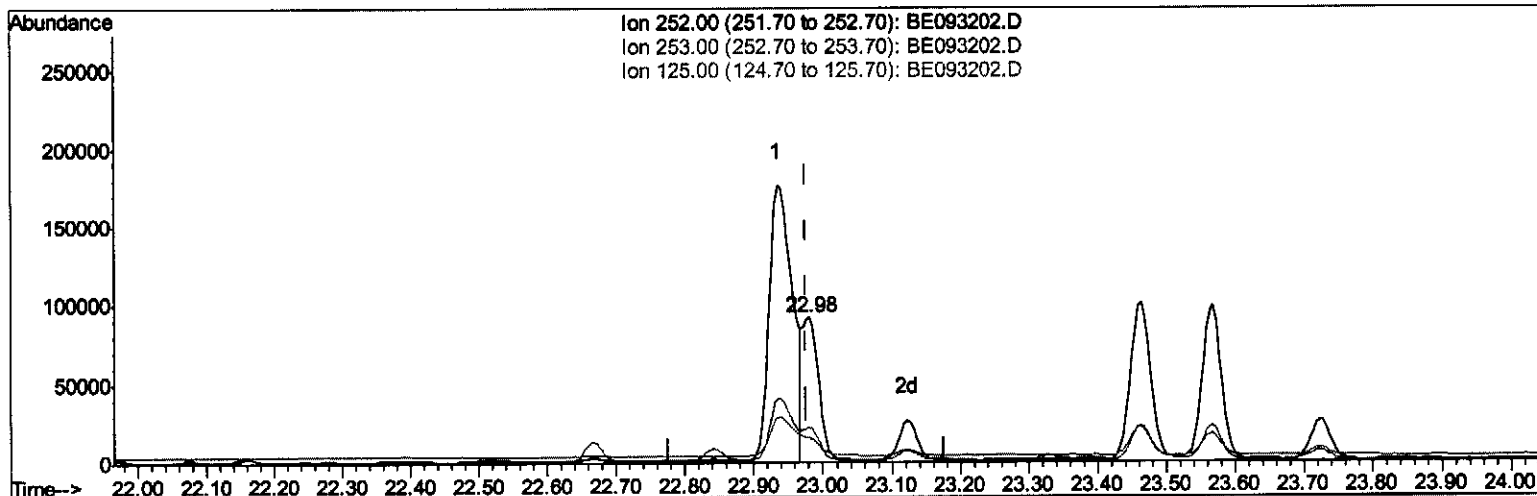
Data Path : Z:\HPCHEM1\BNA_E\Data\BE061417\
Data File : BE093202.D
Acq On : 15 Jun 2017 11:07
Operator : SJ/MA
Sample : I3521-04
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
F5C42

Manual Integrations
APPROVED

mohammad
6/15/2017 3:54:36 PM

Quant Time: Jun 15 11:46:41 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE060717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 15 07:58:47 2017
Response via : Initial Calibration



(22) Benzo(k)fluoranthene

22.981min (+0.004) 1.68ng/ul m

response 148127

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	24.59
125.00	17.10	17.85
0.00	0.00	0.00

06/21/17

Data Path : Z:\HPCHEM1\BNA_E\Data\BE061417\
 Data File : BE093202.D
 Acq On : 15 Jun 2017 11:07
 Operator : SJ/MA
 Sample : I3521-04
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampled :
 F5C42

Manual Integrations
 APPROVED

mohammad
 6/15/2017 3:54:36 PM

Quant Time: Jun 15 11:48:59 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE060717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 15 07:58:47 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	3776	0.40	ng/ul	0.00
2) Naphthalene-d8	10.52	136	20061	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.37	164	12192	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.10	188	27592	0.40	ng/ul	0.00
16) Chrysene-d12	21.26	240	28080	0.40	ng/ul	0.00
20) Perylene-d12	23.67	264	27400	0.40	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.11	152	4676	0.16	ng/ul	0.00
14) Fluoranthene-d10	19.13	212	12352	0.16	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	10.57	128	8855	0.178	ng/ul#	93
5) 2-Methylnaphthalene	12.18	142	2372	0.070	ng/ul	99
7) Acenaphthylene	14.09	152	24992	0.478	ng/ul	96
8) Acenaphthene	14.43	153	923	0.022	ng/ul	93
9) Fluorene	15.42	166	1099	0.022	ng/ul#	84
12) Phenanthrene	17.13	178	28405	0.374	ng/ul#	86
13) Anthracene	17.22	178	33684	0.510	ng/ul#	86
15) Fluoranthene	19.16	202	166353	1.787	ng/ul	83
17) Pyrene	19.52	202	228055	2.754	ng/ul#	86
18) Benzo(a)anthracene	21.24	228	144124	1.924	ng/ul#	84
19) Chrysene	21.30	228	222197	2.860	ng/ul	98
21) Benzo(b)fluoranthene	22.94	252	416047m	5.003	ng/ul	}
22) Benzo(k)fluoranthene	22.98	252	148127m	1.677	ng/ul	
23) Benzo(a)pyrene	23.57	252	190249	2.420	ng/ul#	84
24) Indeno(1,2,3-cd)pyrene	26.19	276	142254	1.563	ng/ul#	86
25) Dibenzo(a,h)anthracene	26.20	278	40172	0.524	ng/ul#	87
26) Benzo(g,h,i)perylene	26.97	276	116653	1.494	ng/ul	95

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