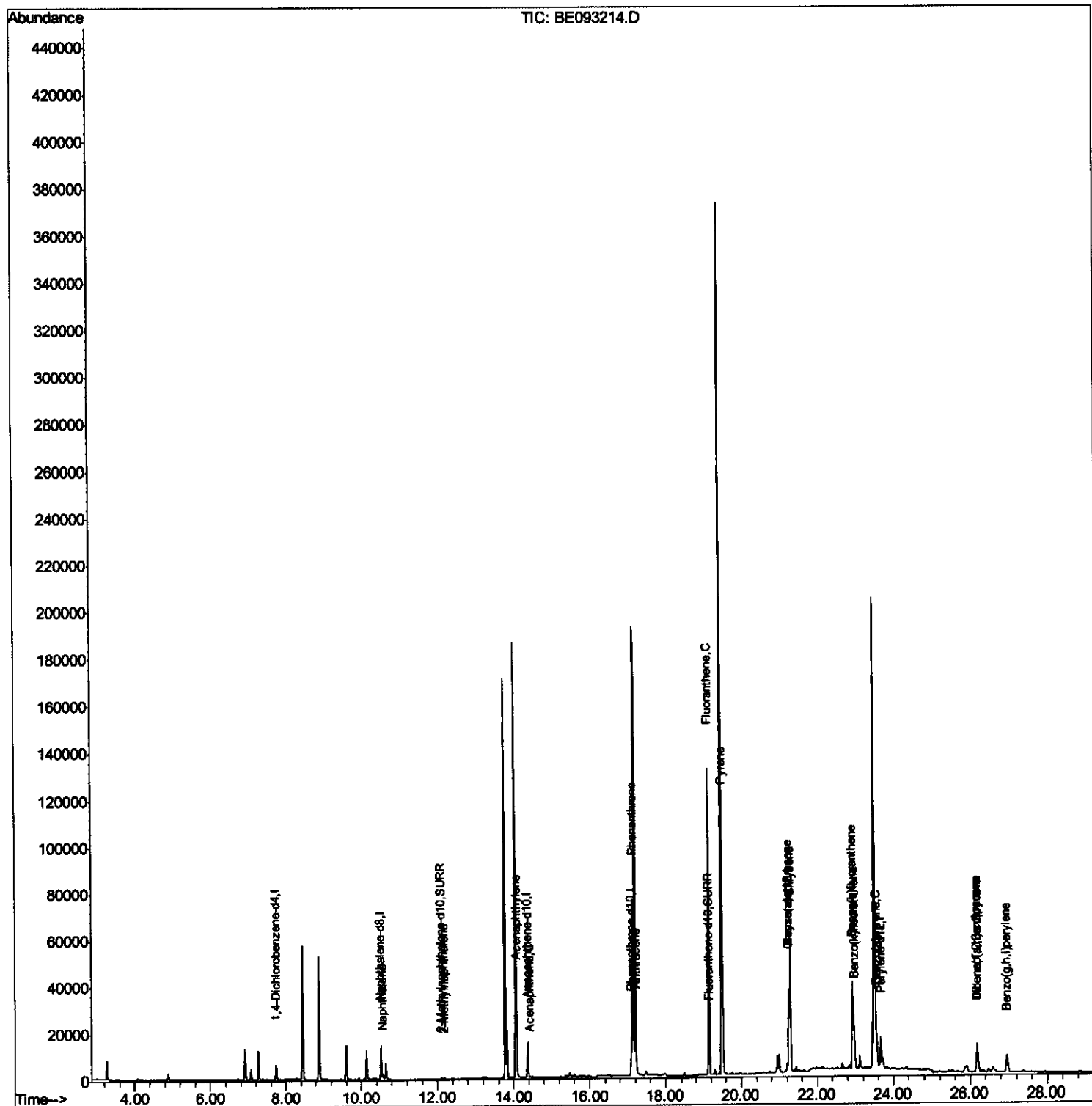


Instrument :
BNA_E
ClientSampleId :
F5C54DL

mohammad
6/19/2017 11:06:37 AM

Quant Time: Jun 16 05:06:10 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE060717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 16 04:43:11 2017
Response via : Initial Calibration



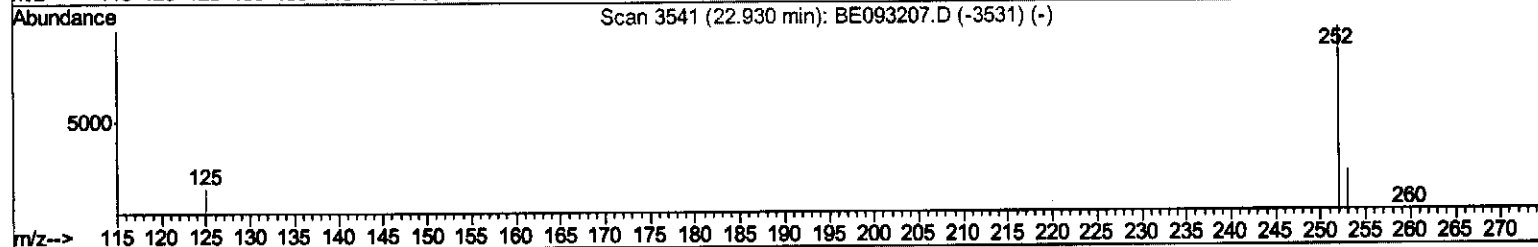
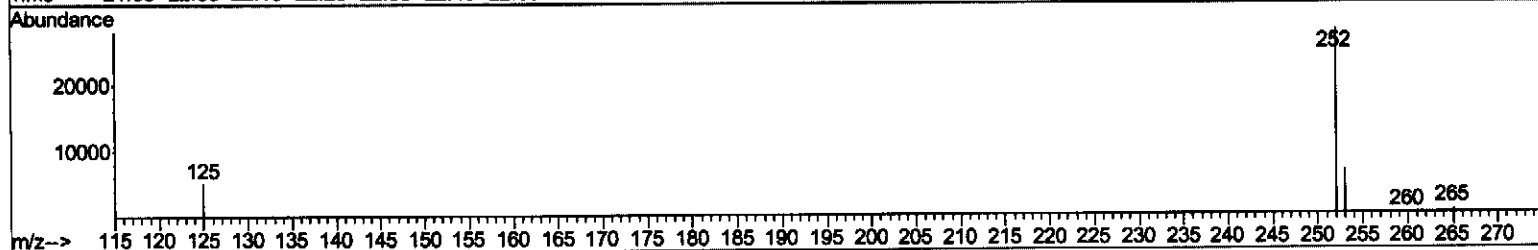
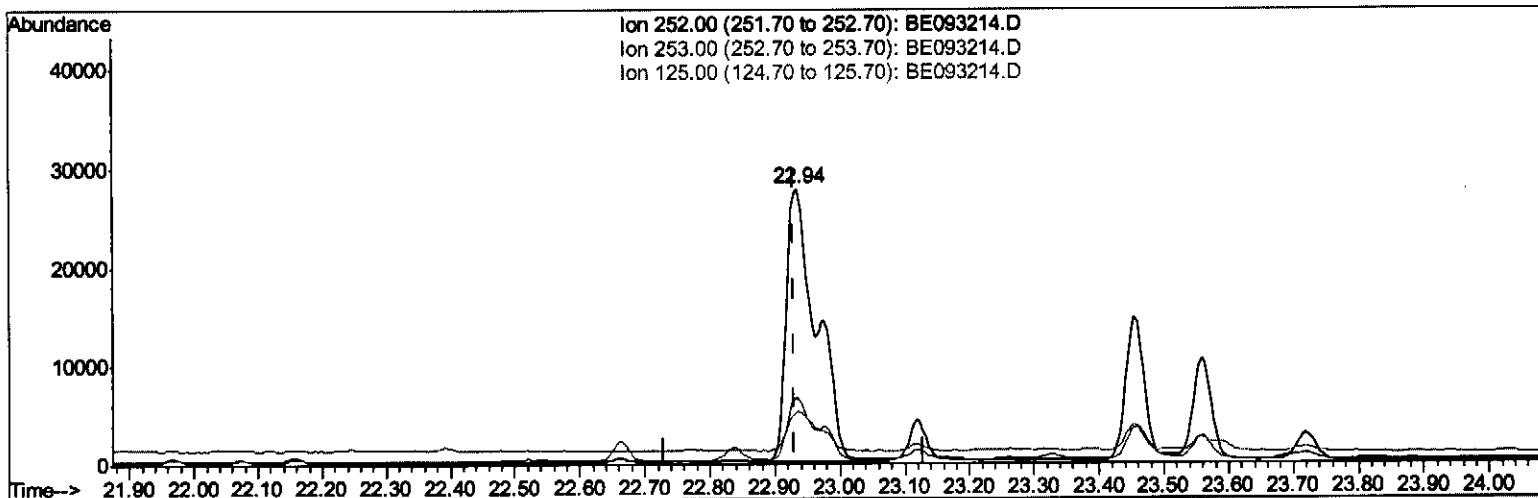
Data Path : Z:\HPCHEM1\BNA E\DATA\BE061517\
Data File : BE093214.D
Acq On : 15 Jun 2017 18:41
Operator : SJ/MA
Sample : I3521-06DL 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampled :
F5C54DL

Manual Integrations
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6/19/2017 11:06:37 AM

Quant Time: Jun 16 04:44:11 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE060717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 16 04:43:11 2017
Response via : Initial Calibration



(21) Benzo(b)fluoranthene

22.935min (+0.006) 1.47ng/ul

response 88281

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	24.14
125.00	17.50	18.91
0.00	0.00	0.00

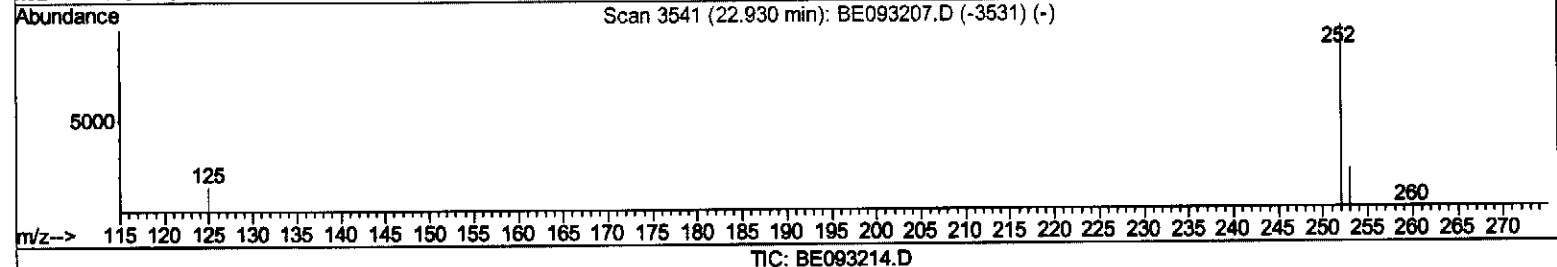
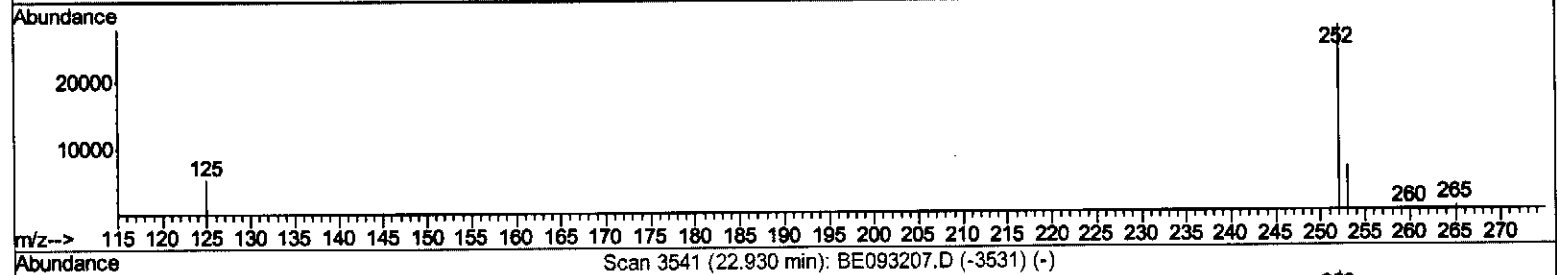
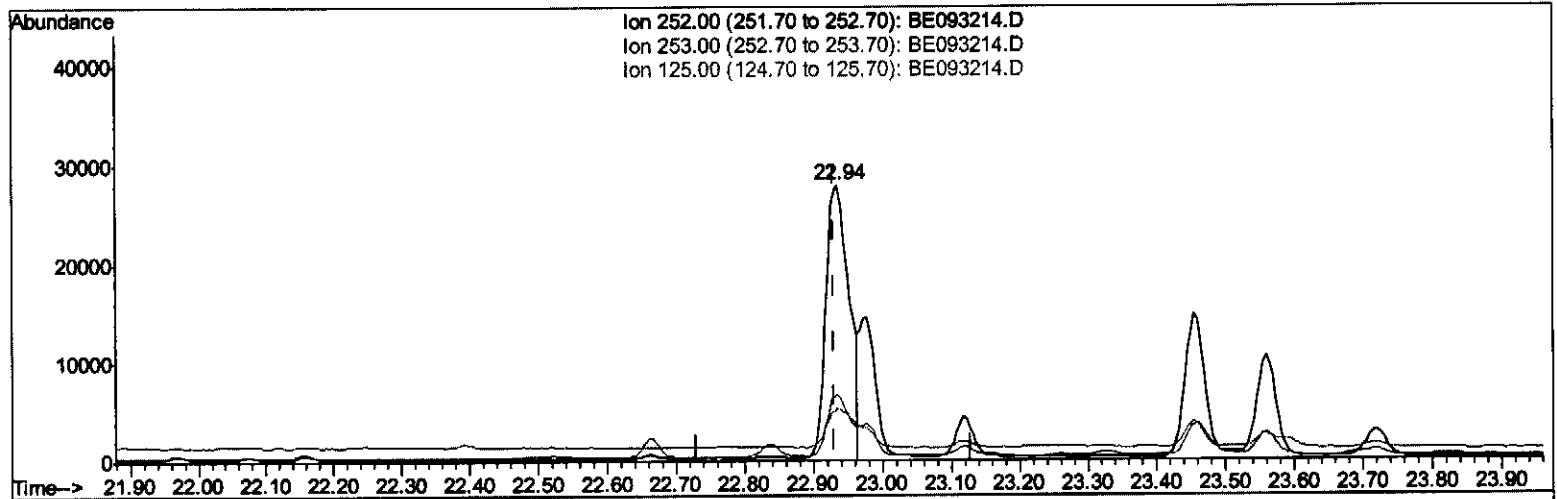
Data Path : Z:\HPCHEM1\BNA E\DATA\BE061517\
 Data File : BE093214.D
 Acq On : 15 Jun 2017 18:41
 Operator : SJ/MA
 Sample : I3521-06DL 5X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampled :
 F5C54DL

Manual Integrations
 APPROVED

mohammad
 6/19/2017 11:06:37 AM

Quant Time: Jun 16 04:44:11 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE060717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 16 04:43:11 2017
 Response via : Initial Calibration



(21) Benzo(b)fluoranthene

22.935min (+0.006) 1.10ng/ul m

response 66162

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	24.14
125.00	17.50	18.91
0.00	0.00	0.00

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 06/21/17

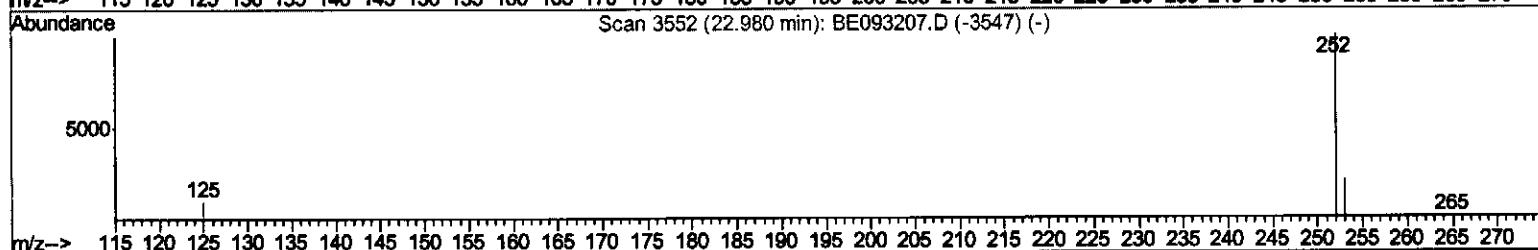
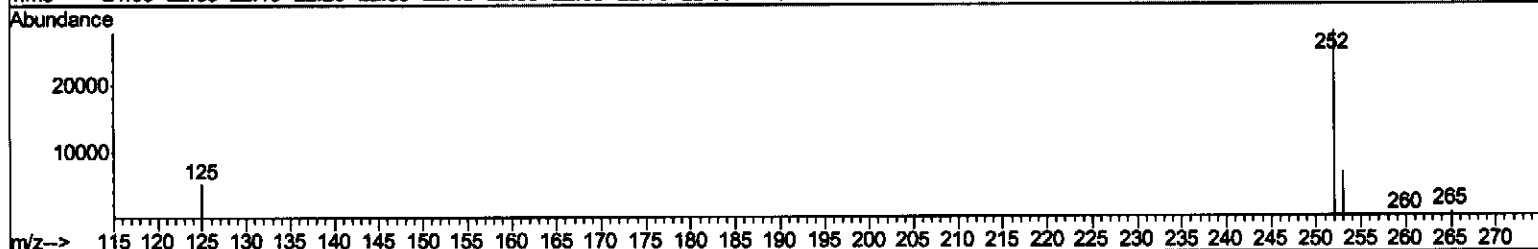
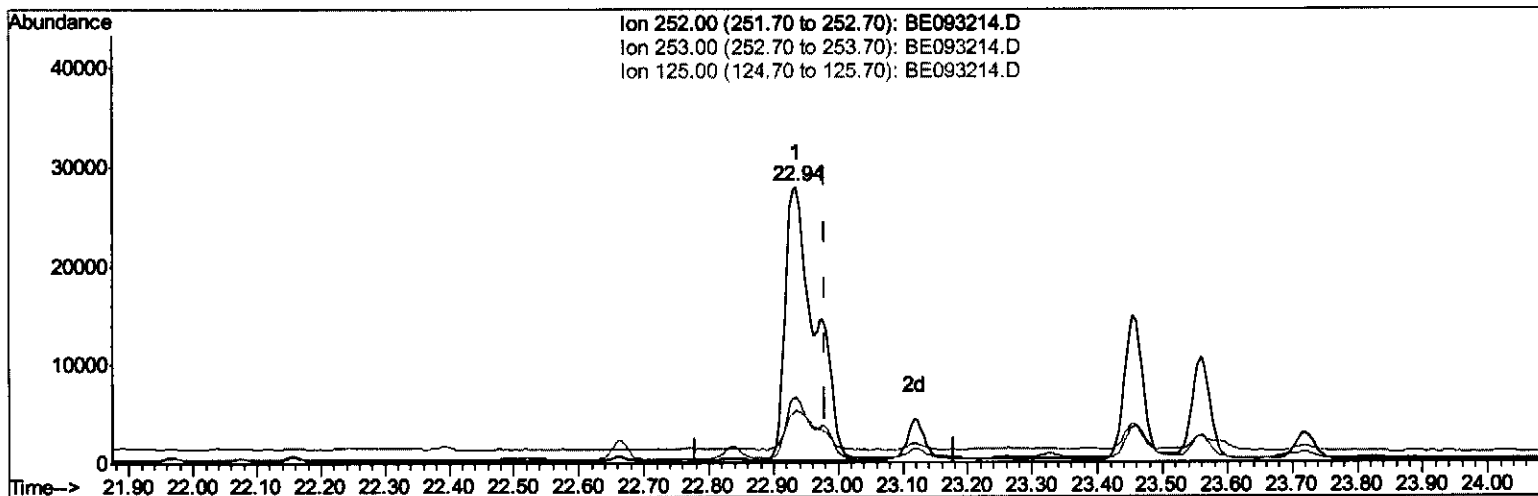
Data Path : Z:\HPCHEM1\BNA E\DATA\BE061517\
Data File : BE093214.D
Acq On : 15 Jun 2017 18:41
Operator : SJ/MA
Sample : I3521-06DL 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
F5C54DL

Manual Integrations
APPROVED

mohammad
6/19/2017 11:06:37 AM

Quant Time: Jun 16 04:44:11 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE060717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 16 04:43:11 2017
Response via : Initial Calibration



TIC: BE093214.D

(22) Benzo(k)fluoranthene

22.935min (-0.044) 1.39ng/ul

response 88281

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	24.14#
125.00	17.10	18.91
0.00	0.00	0.00

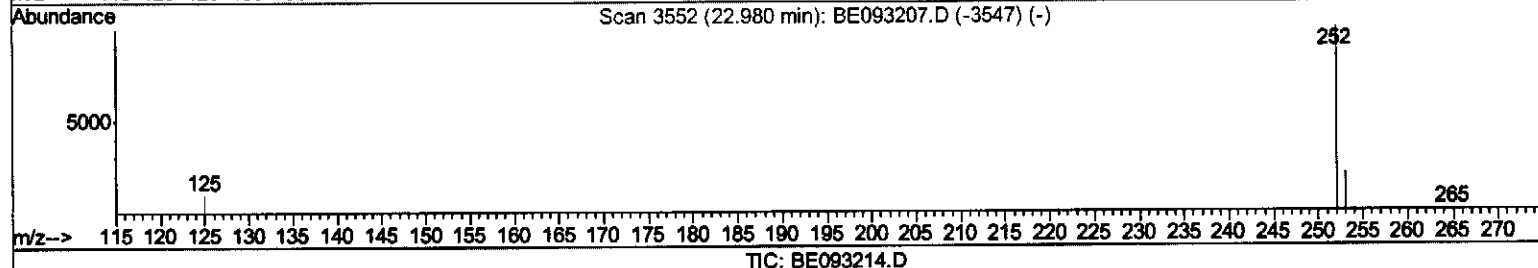
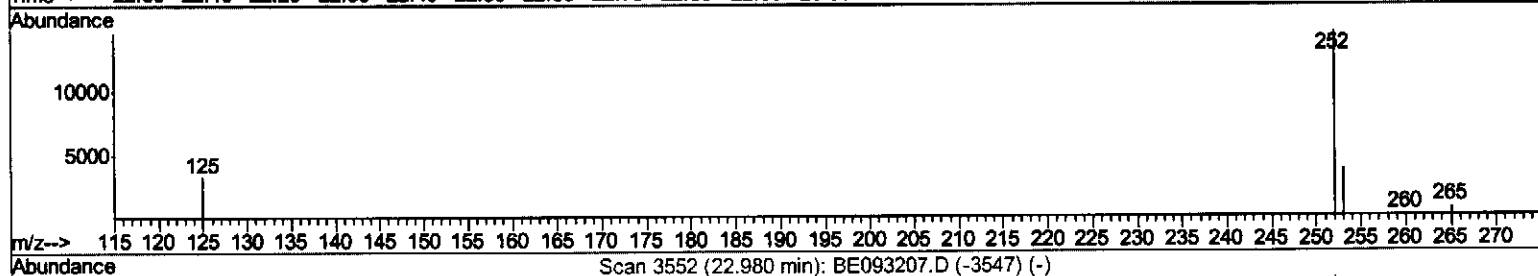
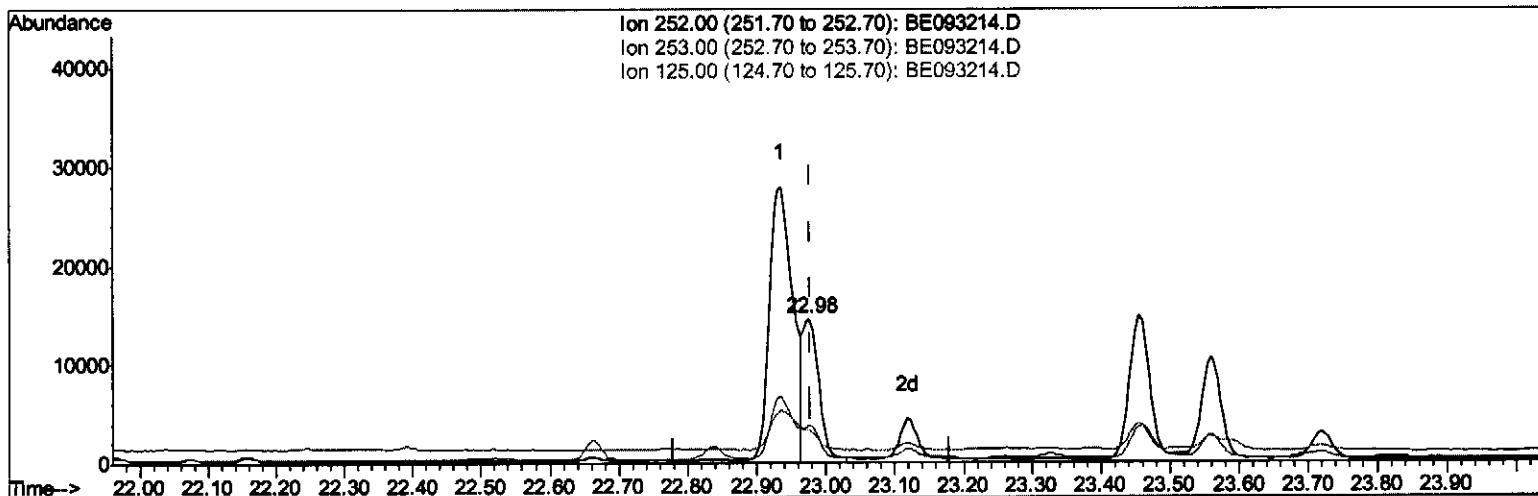
Data Path : Z:\HPCHEM1\BNA E\DATA\BE061517\
Data File : BE093214.D
Acq On : 15 Jun 2017 18:41
Operator : SJ/MA
Sample : I3521-06DL 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
F5C54DL

Manual Integrations
APPROVED

mohammad
6/19/2017 11:06:37 AM

Quant Time: Jun 16 04:44:11 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE060717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 16 04:43:11 2017
Response via : Initial Calibration



(22) Benzo(k)fluoranthene

22.976min (-0.003) 0.38ng/ul m

response 24283

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	26.25
125.00	17.10	22.40#
0.00	0.00	0.00

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Data Path : Z:\HPCHEM1\BNA E\DATA\BE061517\
 Data File : BE093214.D
 Acq On : 15 Jun 2017 18:41
 Operator : SJ/MA
 Sample : I3521-06DL 5X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleID :
 F5C54DL

Manual Integrations
 APPROVED

mohammad
 6/19/2017 11:06:37 AM

Quant Time: Jun 16 05:06:10 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE060717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 16 04:43:11 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	2895	0.40	ng/ul	0.00
2) Naphthalene-d8	10.52	136	14947	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.37	164	8774	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.10	188	20837	0.40	ng/ul	0.00
16) Chrysene-d12	21.26	240	21470	0.40	ng/ul	0.00
20) Perylene-d12	23.67	264	19746	0.40	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.11	152	1507	0.07	ng/ul	0.00
14) Fluoranthene-d10	19.13	212	4020	0.07	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Naphthalene	10.57	128	2638	0.07	ng/ul#	94
5) 2-Methylnaphthalene	12.19	142	651	0.03	ng/ul	98
7) Acenaphthylene	14.09	152	8452	0.22	ng/ul	97
8) Acenaphthene	14.43	153	449	0.01	ng/ul	94
12) Phenanthrene	17.14	178	79189	1.38	ng/ul#	88
13) Anthracene	17.22	178	15706	0.31	ng/ul#	88
15) Fluoranthene	19.15	202	142641	2.03	ng/ul	84
17) Pyrene	19.52	202	102833	1.62	ng/ul#	82
18) Benzo(a)anthracene	21.24	228	26971	0.47	ng/ul#	85
19) Chrysene	21.29	228	58605	0.99	ng/ul	97
21) Benzo(b)fluoranthene	22.94	252	66162m	1.10	ng/ul	
22) Benzo(k)fluoranthene	22.98	252	24283m	0.38	ng/ul	
23) Benzo(a)pyrene	23.56	252	20677	0.36	ng/ul#	88
24) Indeno(1,2,3-cd)pyrene	26.19	276	21002	0.32	ng/ul#	87
25) Dibenzo(a,h)anthracene	26.20	278	4813	0.09	ng/ul#	66
26) Benzo(a,h,i)perylene	26.96	276	16862	0.30	ng/ul#	93

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 06/21/17

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