

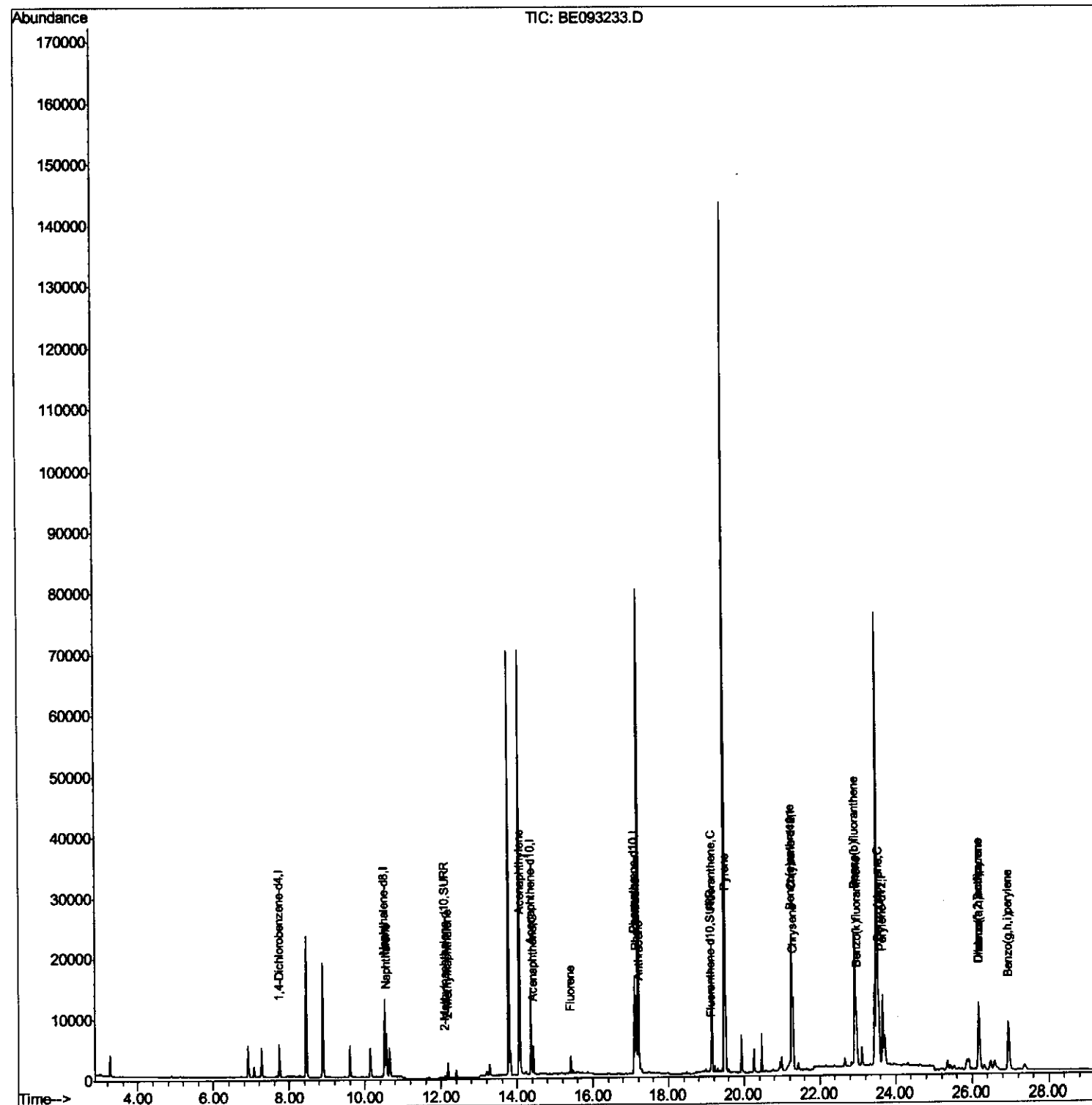
Data Path : Z:\HPCHEM1\BNA_E\Data\BE061517\
Data File : BE093233.D
Acq On : 16 Jun 2017 8:33
Operator : SJ/MA
Sample : I3558-07DL 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
F5C61DL

Manual Integrations
APPROVED

mohammad
6/19/2017 11:07:32 AM

Quant Time: Jun 16 14:20:26 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 05:36:31 2017
Response via : Initial Calibration



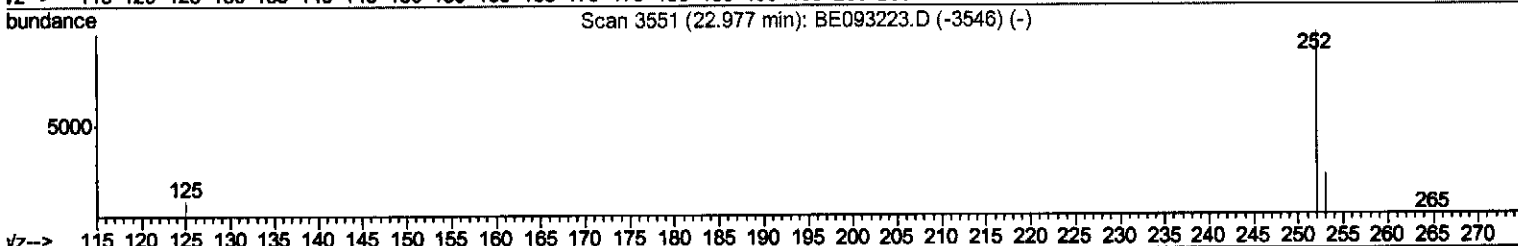
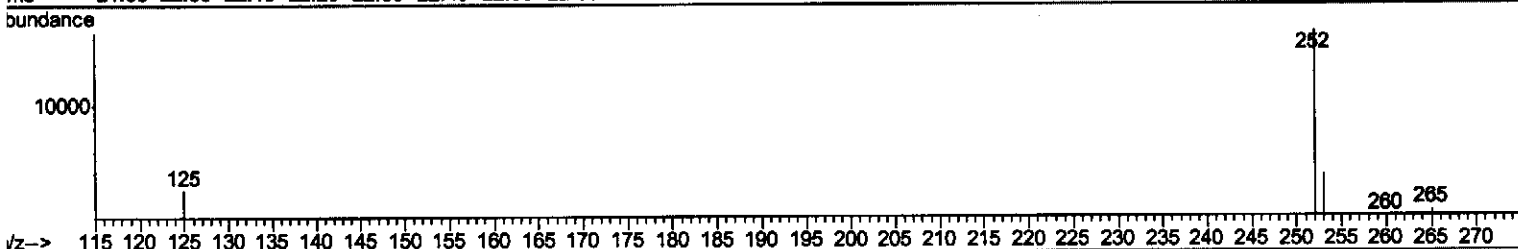
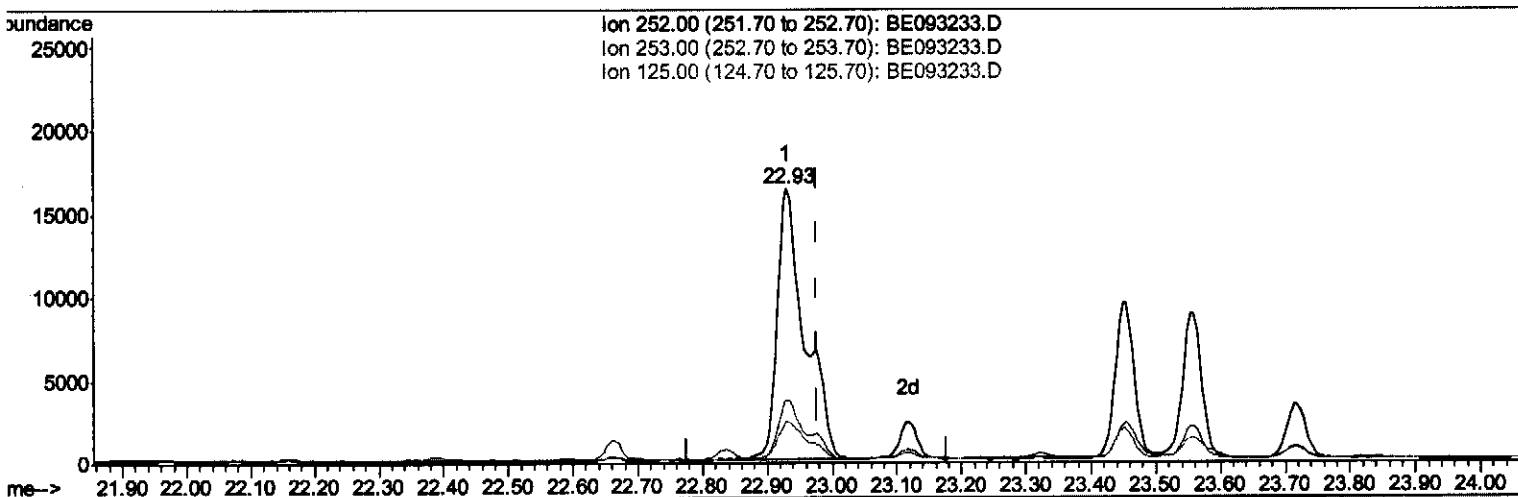
Data Path : Z:\HPCHEM1\BNA_E\Data\BE061517\
Data File : BE093233.D
Acq On : 16 Jun 2017 8:33
Operator : SJ/MA
Sample : I3558-07DL 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampled :
F5C61DL

Manual Integrations
APPROVED

mohammad
6/19/2017 11:07:32 AM

Quant Time: Jun 16 14:17:49 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 05:36:31 2017
Response via : Initial Calibration



TIC: BE093233.D

(22) Benzo(k)fluoranthene

22.930min (-0.046) 0.88ng/ul

response 48246

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	23.34#
125.00	17.10	15.37
0.00	0.00	0.00

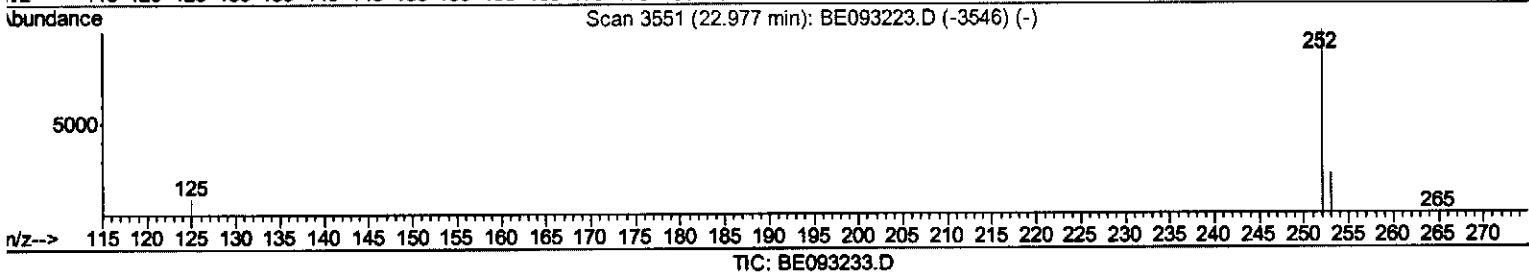
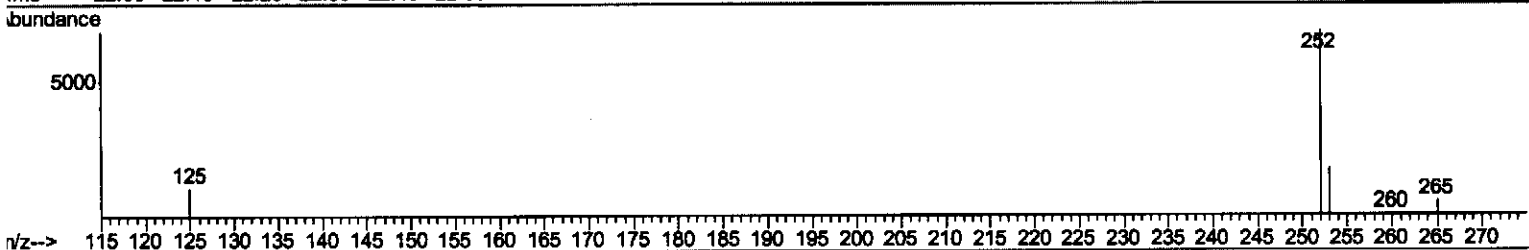
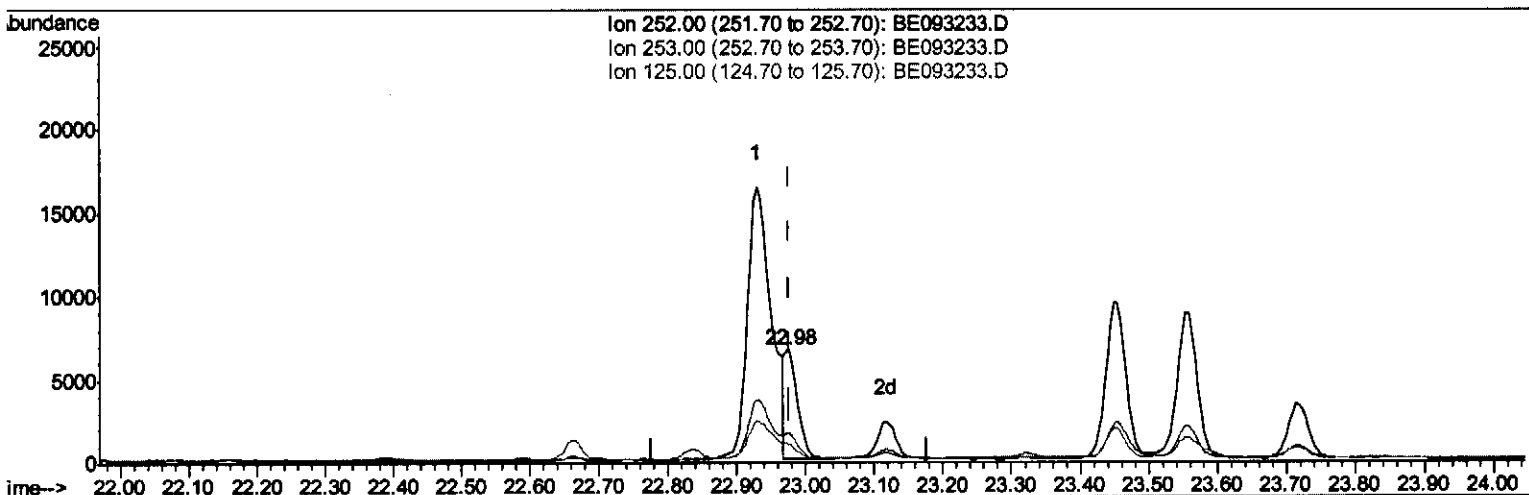
Data Path : Z:\HPCHEM1\BNA_E\Data\BE061517\
Data File : BE093233.D
Acq On : 16 Jun 2017 8:33
Operator : SJ/MA
Sample : I3558-07DL 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampled :
F5C61DL

Manual Integrations
APPROVED

mohammad
6/19/2017 11:07:32 AM

Quant Time: Jun 16 14:17:49 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 05:36:31 2017
Response via : Initial Calibration



TIC: BE093233.D

(22) Benzo(k)fluoranthene

22.976min (-0.001) 0.16ng/ul m

response 8632

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	25.97
125.00	17.10	16.45
0.00	0.00	0.00

> $\frac{SJ}{06/21/17}$

ata Path : Z:\HPCHEM1\BNA_E\Data\BE061517\
 ata File : BE093233.D
 cq On : 16 Jun 2017 8:33
 perator : SJ/MA
 ample : I3558-07DL 5X
 isc :
 LS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampled :
 F5C61DL

Manual Integrations
 APPROVED

mohammad
 6/19/2017 11:07:32 AM

Quant Time: Jun 16 14:20:26 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE060717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 Last Update : Fri Jun 16 05:36:31 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	2518	0.40	ng/ul	0.00
2) Naphthalene-d8	10.52	136	12994	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.37	164	7403	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.10	188	18214	0.40	ng/ul	0.00
16) Chrysene-d12	21.26	240	17216	0.40	ng/ul	0.00
20) Perylene-d12	23.66	264	16991	0.40	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.11	152	592	0.03	ng/ul	0.00
14) Fluoranthene-d10	19.13	212	1499	0.03	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	10.57	128	10199	0.316	ng/ul#	92
5) 2-Methylnaphthalene	12.19	142	1962	0.089	ng/ul	98
7) Acenaphthylene	14.09	152	2143	0.067	ng/ul	92
8) Acenaphthene	14.43	153	2752	0.107	ng/ul	98
9) Fluorene	15.42	166	1800	0.060	ng/ul	92
12) Phenanthrene	17.14	178	14114	0.282	ng/ul#	86
13) Anthracene	17.22	178	5718	0.131	ng/ul#	89
15) Fluoranthene	19.16	202	20722	0.337	ng/ul	84
17) Pyrene	19.52	202	18724	0.369	ng/ul#	85
18) Benzo(a)anthracene	21.24	228	10667	0.232	ng/ul#	86
19) Chrysene	21.29	228	14638	0.307	ng/ul	97
21) Benzo(b)fluoranthene	22.93	252	39698m	0.770	ng/ul	
22) Benzo(k)fluoranthene	22.98	252	8632m	0.158	ng/ul	
23) Benzo(a)pyrene	23.55	252	18137	0.372	ng/ul#	84
24) Indeno(1,2,3-cd)pyrene	26.18	276	19549	0.346	ng/ul#	88
25) Dibenzo(a,h)anthracene	26.20	278	4815	0.101	ng/ul#	87
26) Benzo(g,h,i)perylene	26.96	276	17510	0.362	ng/ul	96

SJ
 06/21/17

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

Quantitation Report (Qedit)

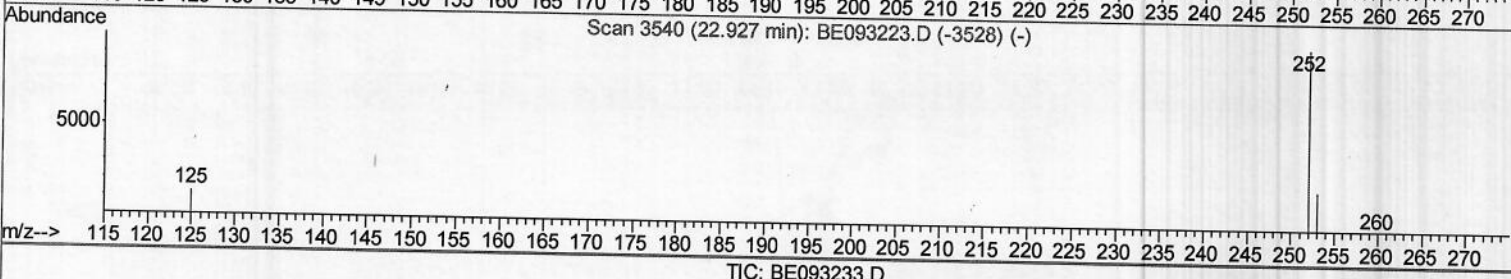
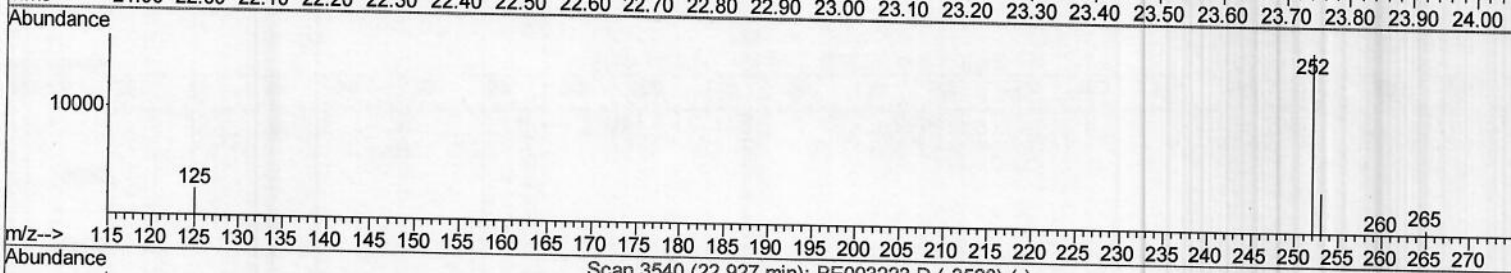
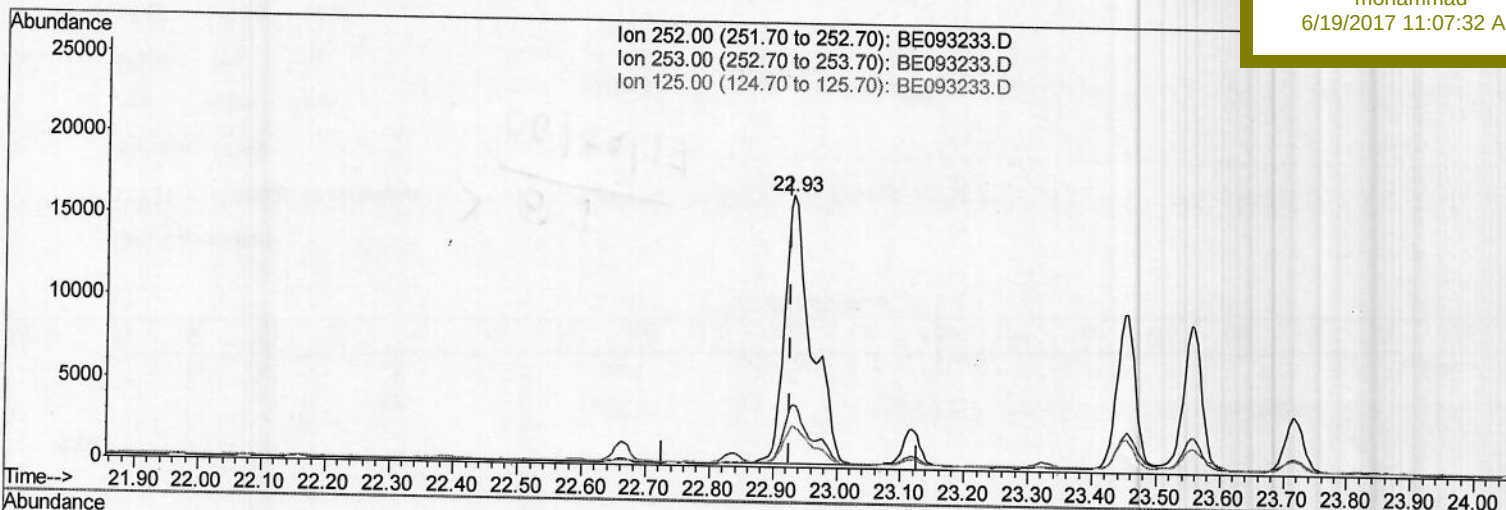
Data Path : Z:\HPCHEM1\BNA_E\Data\BE061517\
 Data File : BE093233.D
 Acq On : 16 Jun 2017 8:33
 Operator : SJ/MA
 Sample : I3558-07DL 5X
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 F5C61DL

Manual Integrations
 APPROVED

mohammad
 6/19/2017 11:07:32 AM

Quant Time: Jun 16 14:17:49 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 05:36:31 2017
 Response via : Initial Calibration



(21) Benzo(b)fluoranthene
 22.930min (+0.004) 0.94ng/ul
 response 48246

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	23.34
125.00	17.50	15.37
0.00	0.00	0.00

Quantitation Report (Qedit)

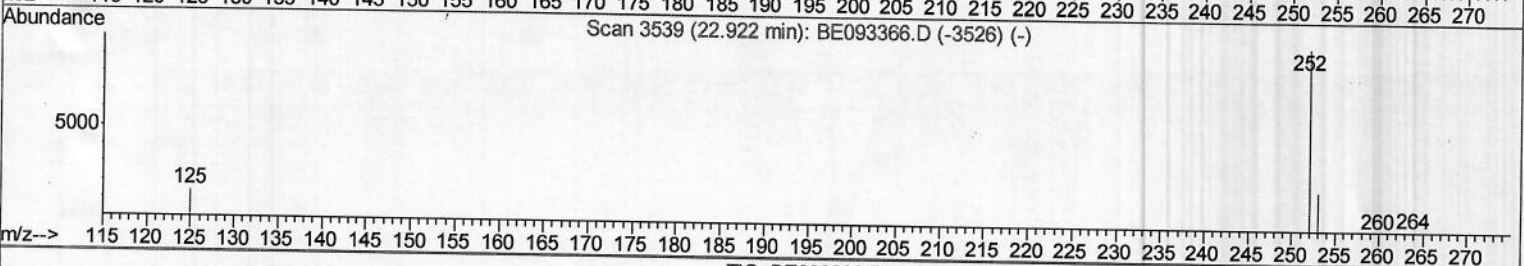
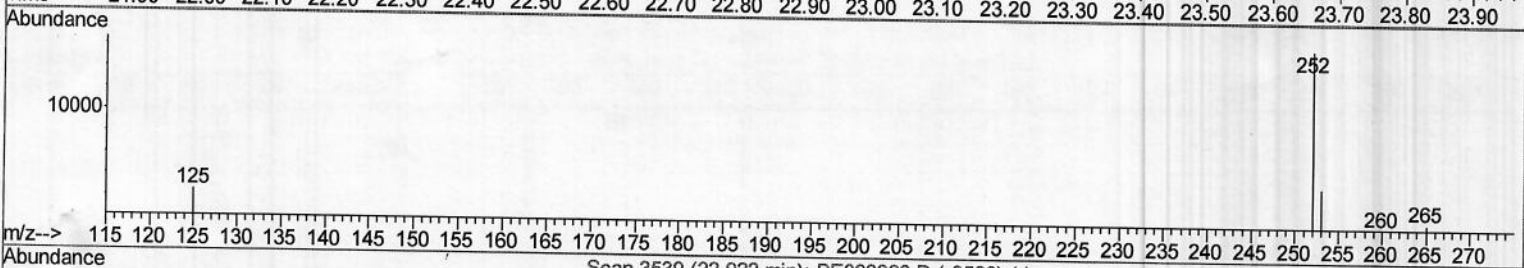
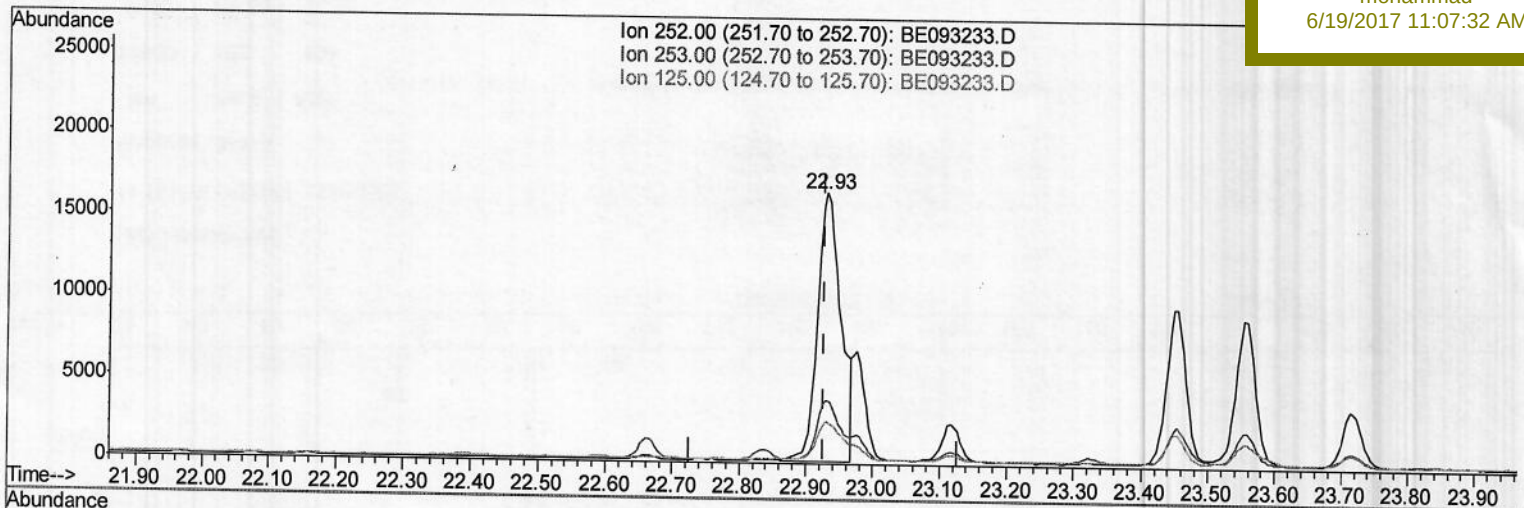
Data Path : \\74.0.250.170\svoasrv\HPCHEM1\BNA_E\Data\BE061517\
 Data File : BE093233.D
 Acq On : 16 Jun 2017 8:33
 Operator : SJ/MA
 Sample : I3558-07DL 5X
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Quant Time: Jun 16 14:20:26 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 05:36:31 2017
 Response via : Initial Calibration

Instrument :
 BNA_E
 ClientSampleId :
 F5C61DL

Manual Integrations
 APPROVED

mohammad
 6/19/2017 11:07:32 AM



(21) Benzo(b)fluoranthene

22.930min (+0.004) 0.77ng/ul m

response 39698

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	23.34
125.00	17.50	15.37
0.00	0.00	0.00

SJ
 06/21/17