

Quantitation Report (QT Reviewed)

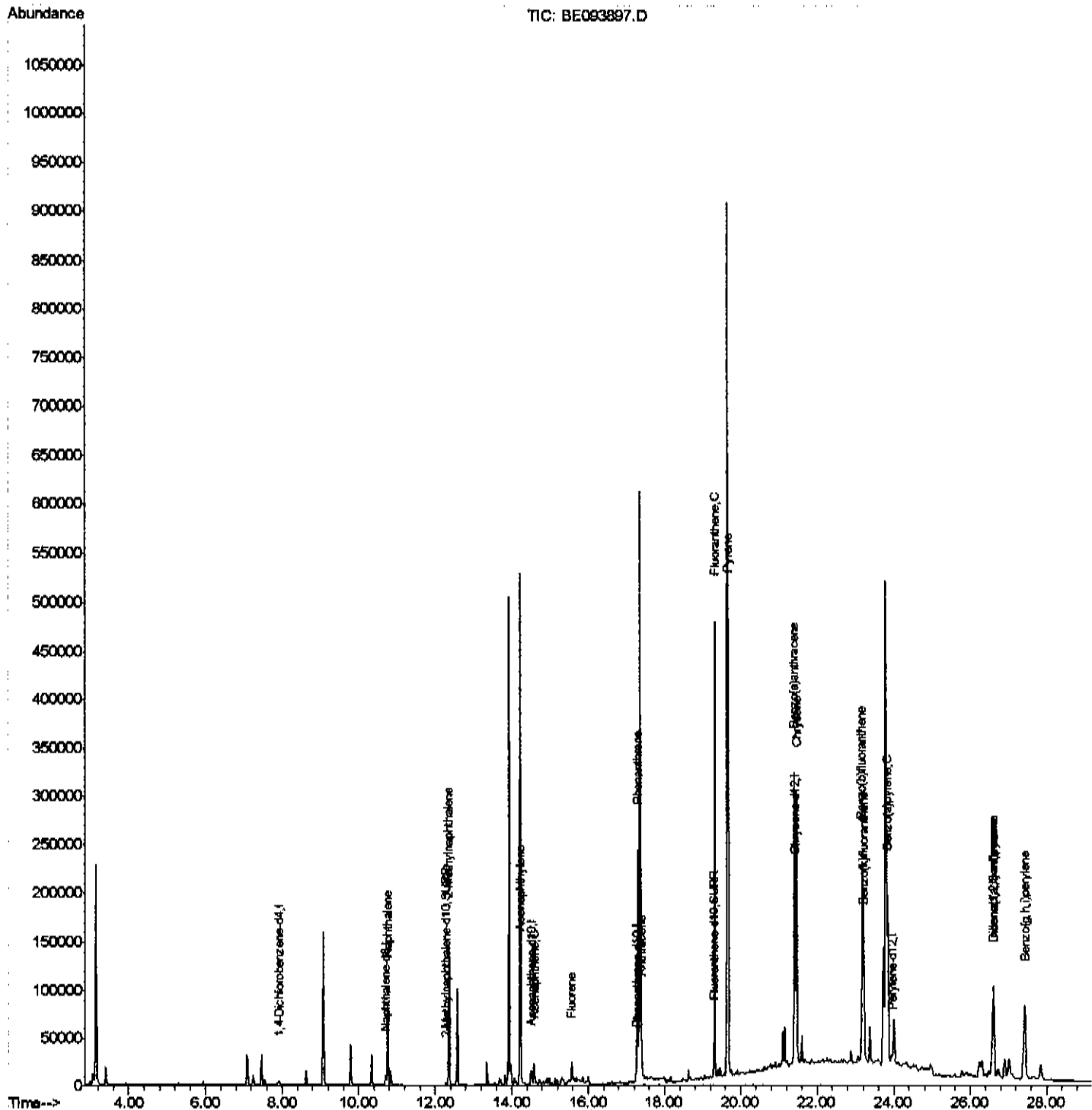
Data Path : Z:\HPCHEM1\BNA_E\Data\BE082917\
 Data File : BE093897.D
 Acq On : 28 Aug 2017 15:00
 Operator : SJ/JU
 Sample : I4687-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AH2

Manual Integrations
 APPROVED

Sohil
 8/28/2017 5:51:52 PM

Quant Time: Aug 28 16:01:21 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 28 15:03:19 2017
 Response via : Initial Calibration



Quantitation Report (Qedit)

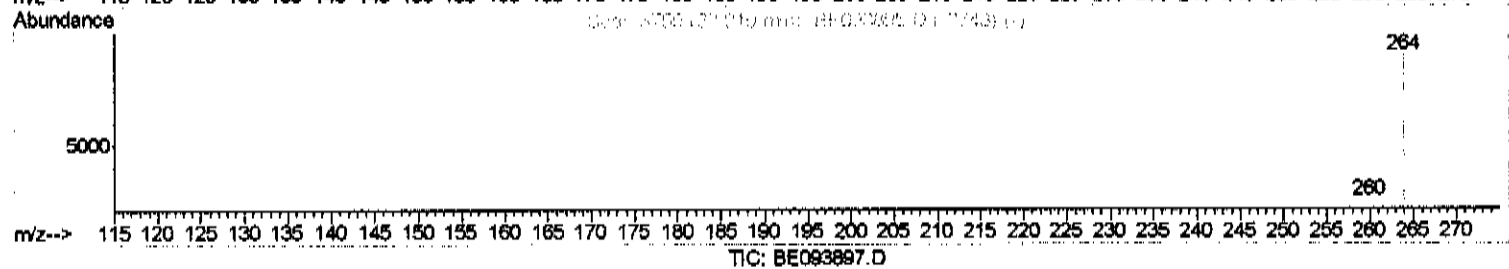
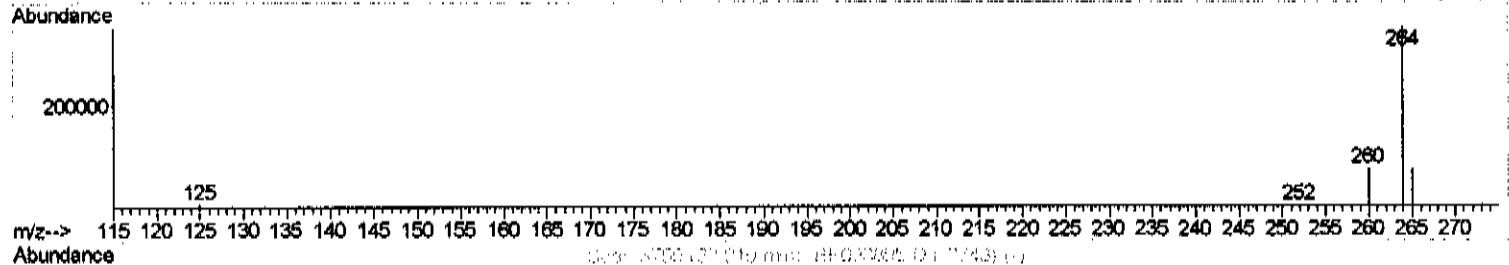
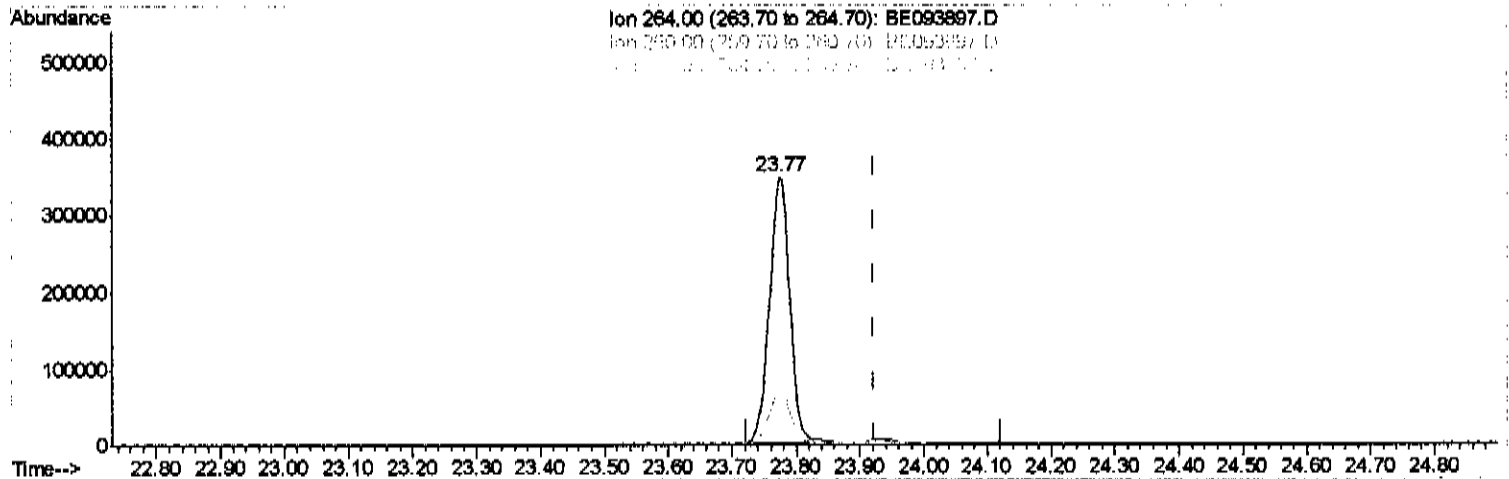
Data Path : Z:\HPCHEM1\BNA_E\Data\BE082917\
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 Acq On : 28 Aug 2017 15:00
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Sohil
 8/28/2017 5:51:52 PM

Quant Time: Aug 28 15:44:43 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE072417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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(20) Perylene-d12 (I)

23.774min (-0.149) 0.40ng/ui

response 756736

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	21.96#
265.00	103.50	21.75#
0.00	0.00	0.00

Quantitation Report (Qedit)

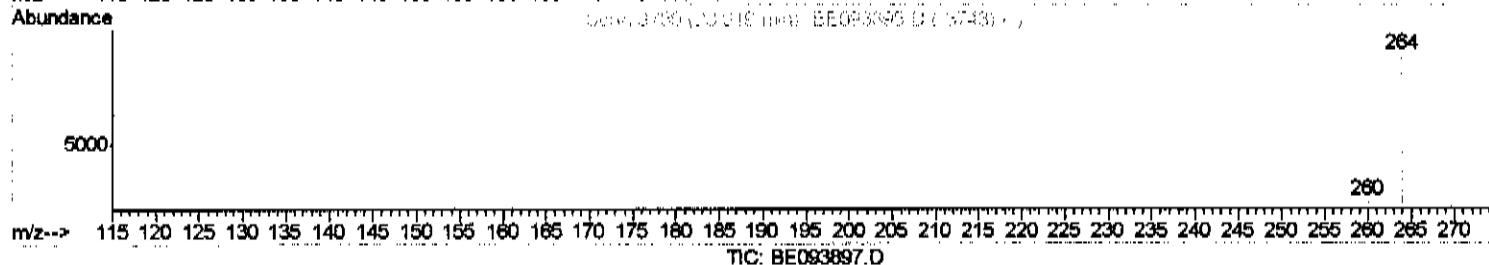
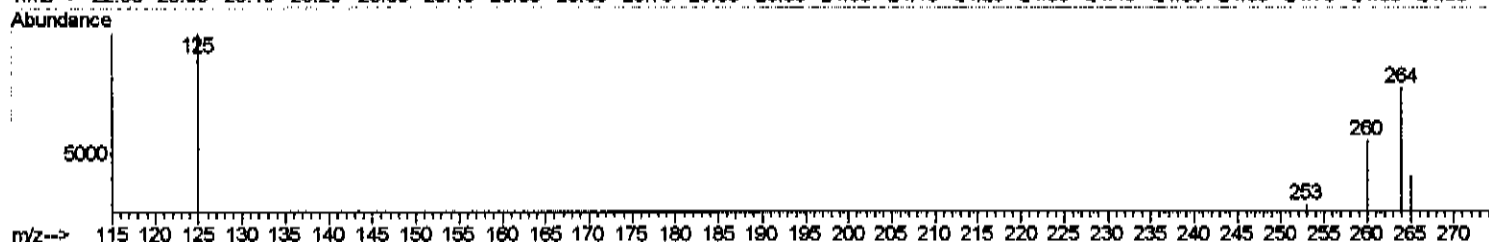
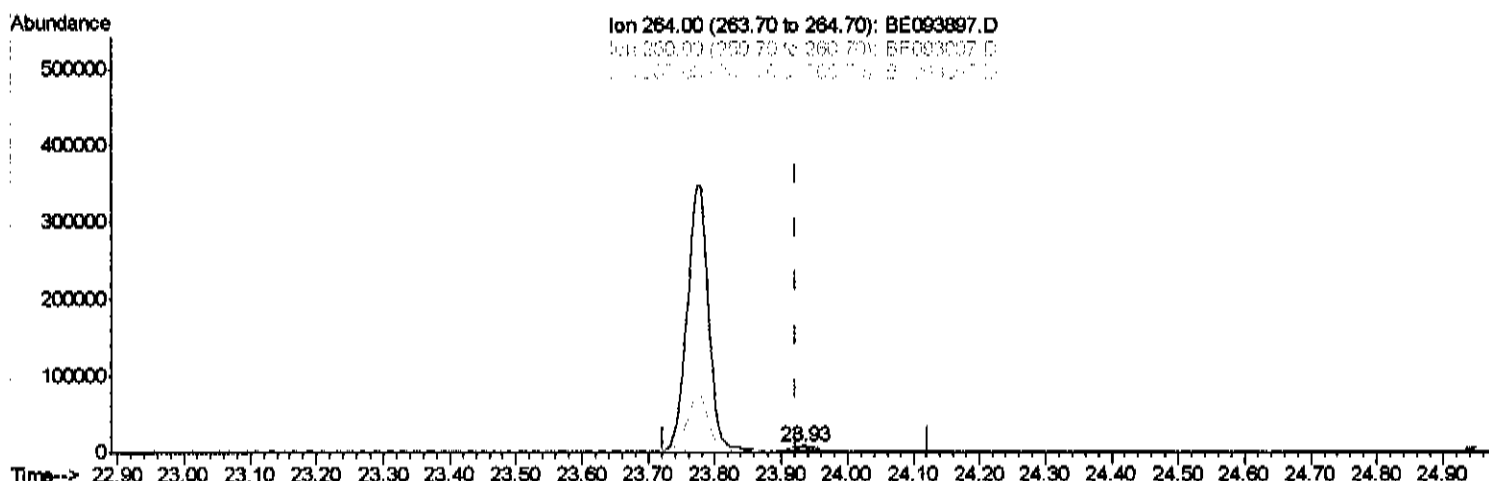
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(20) Perylene-d12 (I)

23.933min (+0.010) 0.40ng/ul m

response 10707

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	71.76%
265.00	103.50	52.88%
0.00	0.00	0.00

Quantitation Report (Qedit)

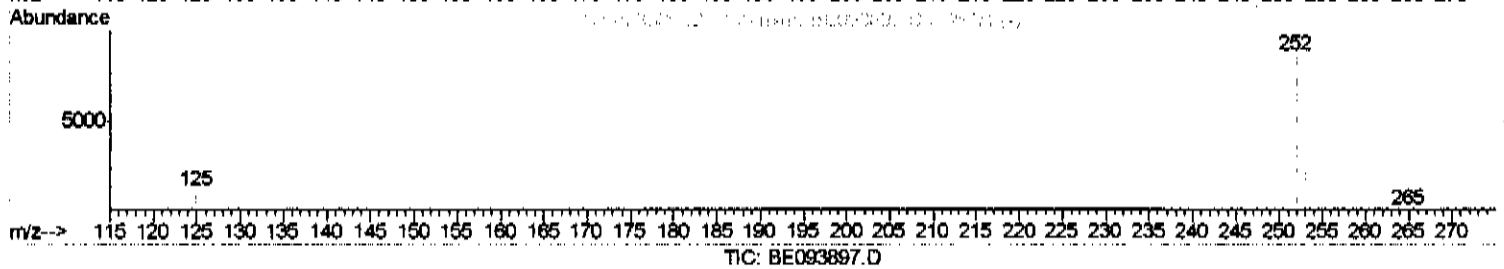
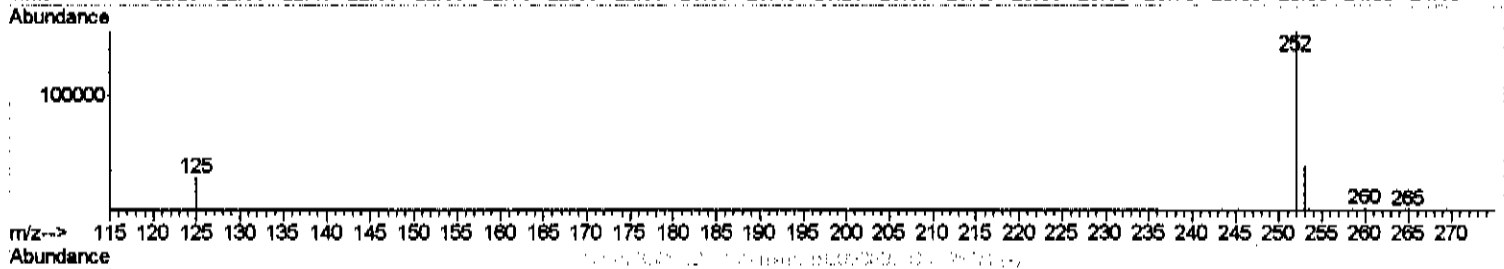
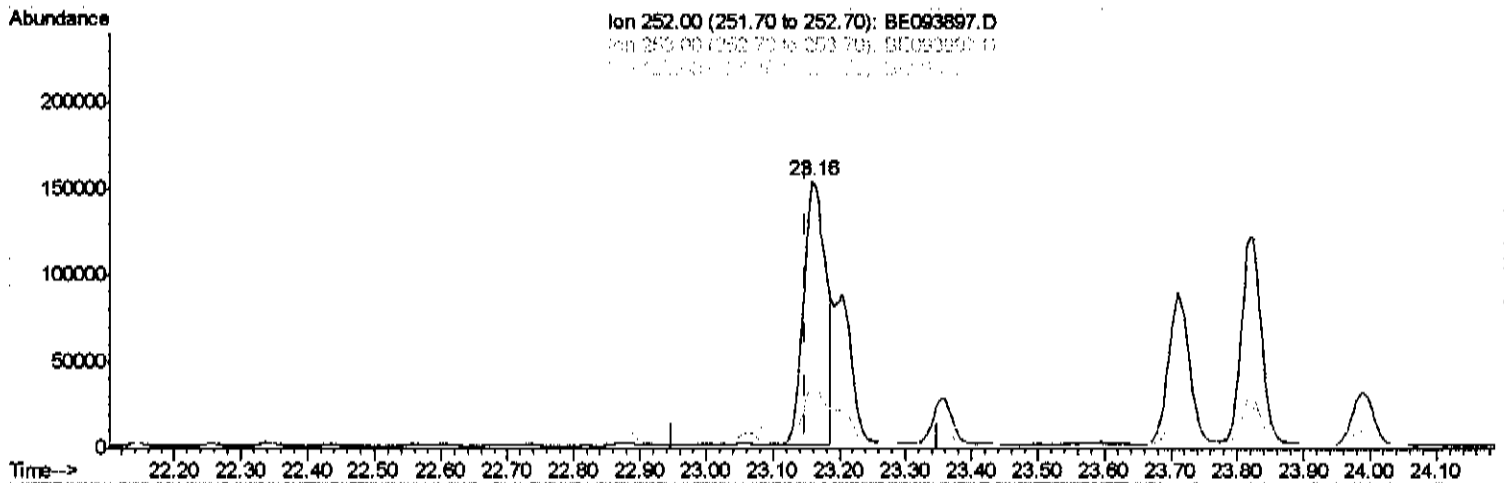
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(21) Benzo(b)fluoranthene
 23.159min (+0.010) 10.92ng/ul
 response 381694

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	24.94
125.00	17.50	19.09
0.00	0.00	0.00

Quantitation Report (Qedit)

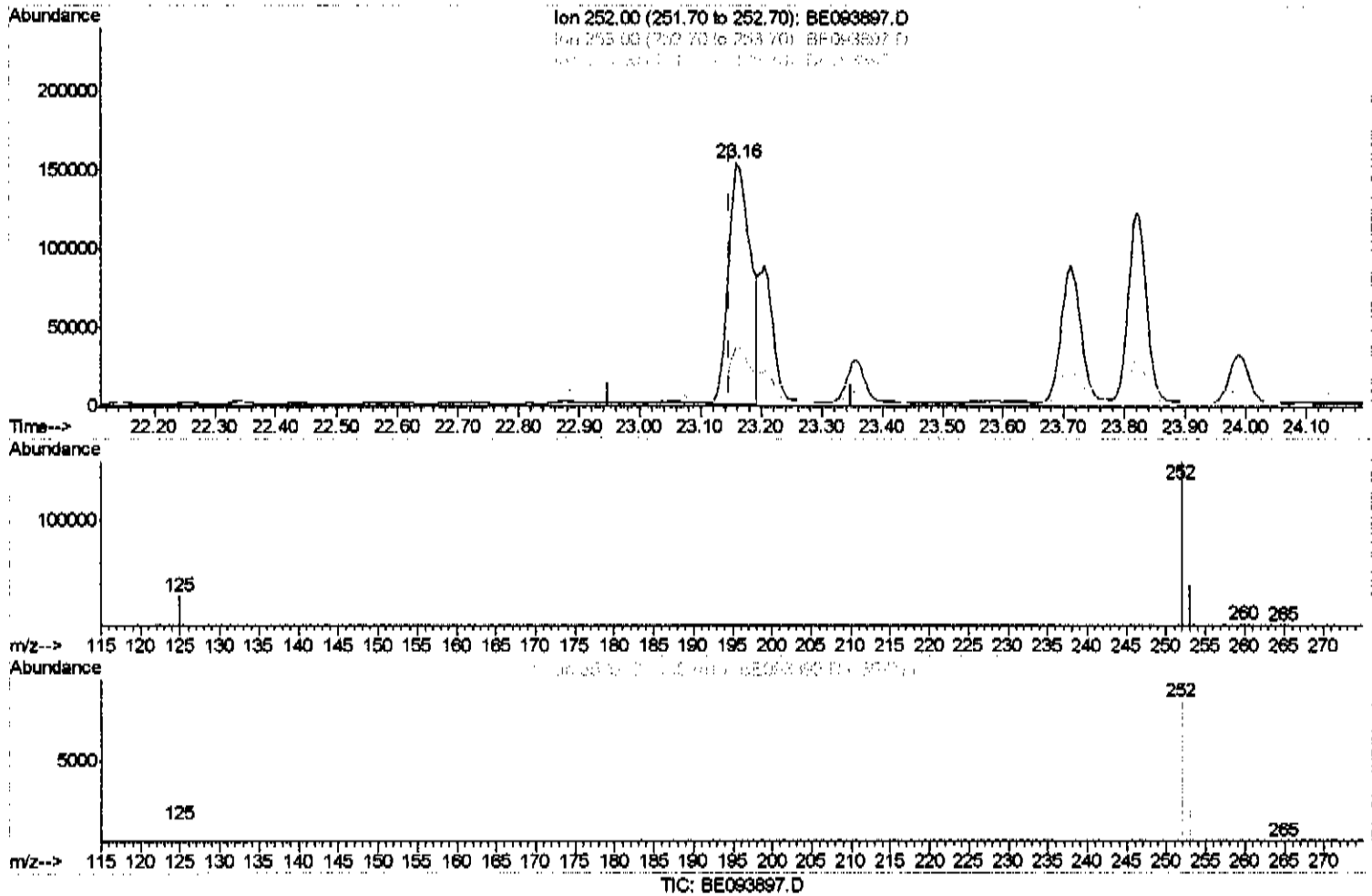
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(21) Benzo(b)fluoranthene

23.159min (+0.010) 11.61ng/ul m

response 384404

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	24.94
125.00	17.50	19.09
0.00	0.00	0.00

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BNA_E
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Manual Integrations

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Abundance

Ion 252.00 (251.70 to 252.70): BE093887.D
Ion 253.00 (252.70 to 253.30): BE093887.D
Scan 1313 (23.154 to 23.156): BE093887.D

200000

150000

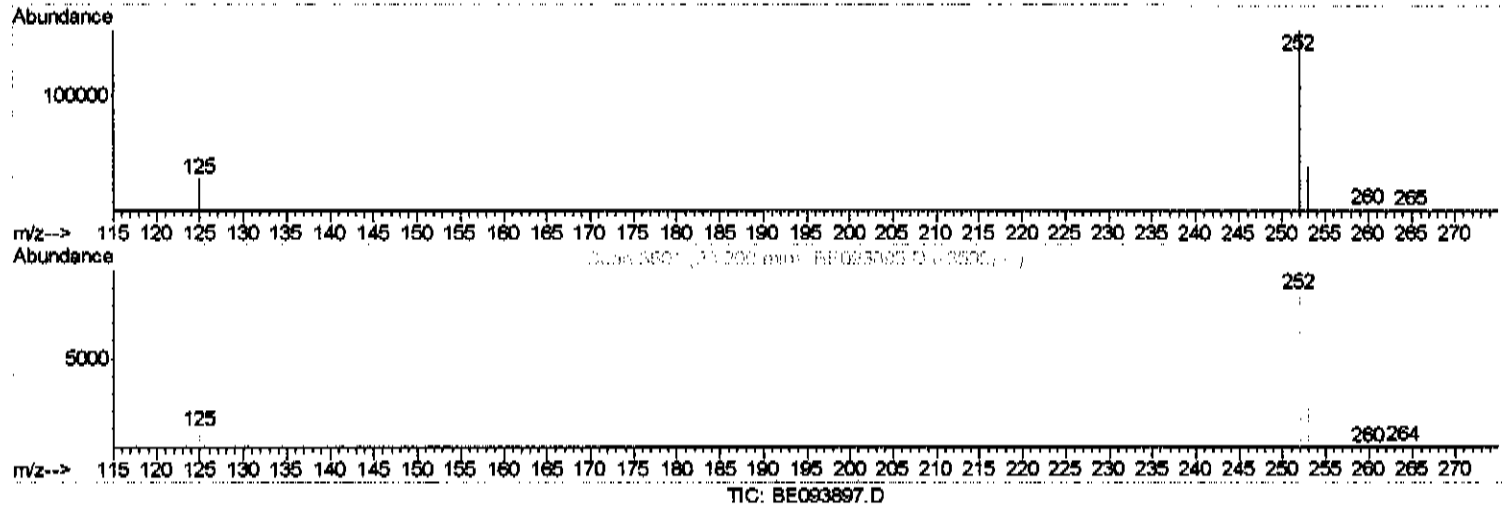
100000

50000

0

23.16

Time--> 22.20 22.30 22.40 22.50 22.60 22.70 22.80 22.90 23.00 23.10 23.20 23.30 23.40 23.50 23.60 23.70 23.80 23.90 24.00 24.10



(22) Benzo(k)fluoranthene
23.159min (-0.040) 11.07ng/ul
response 361694

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	24.94
125.00	17.10	19.09
0.00	0.00	0.00

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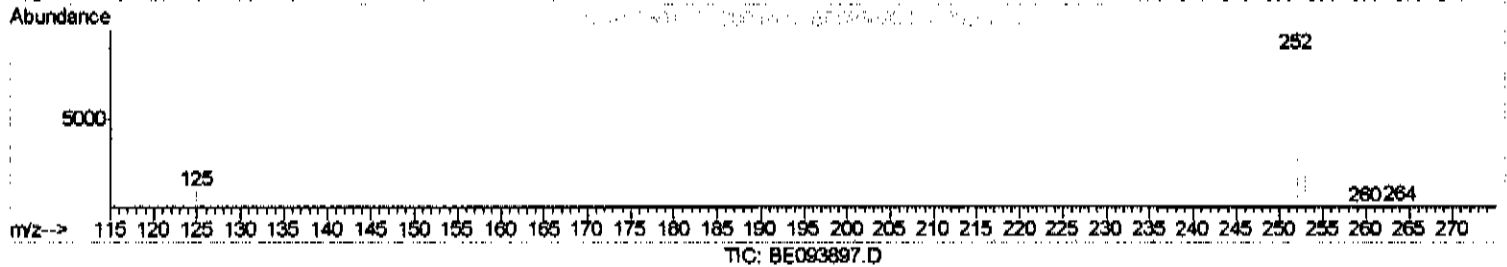
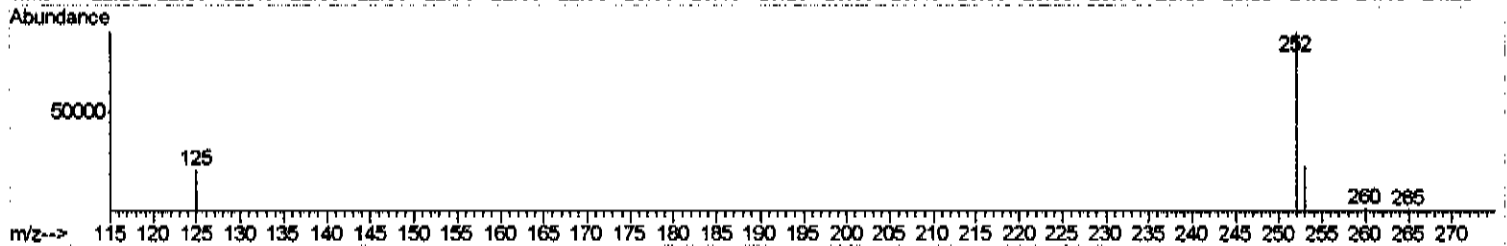
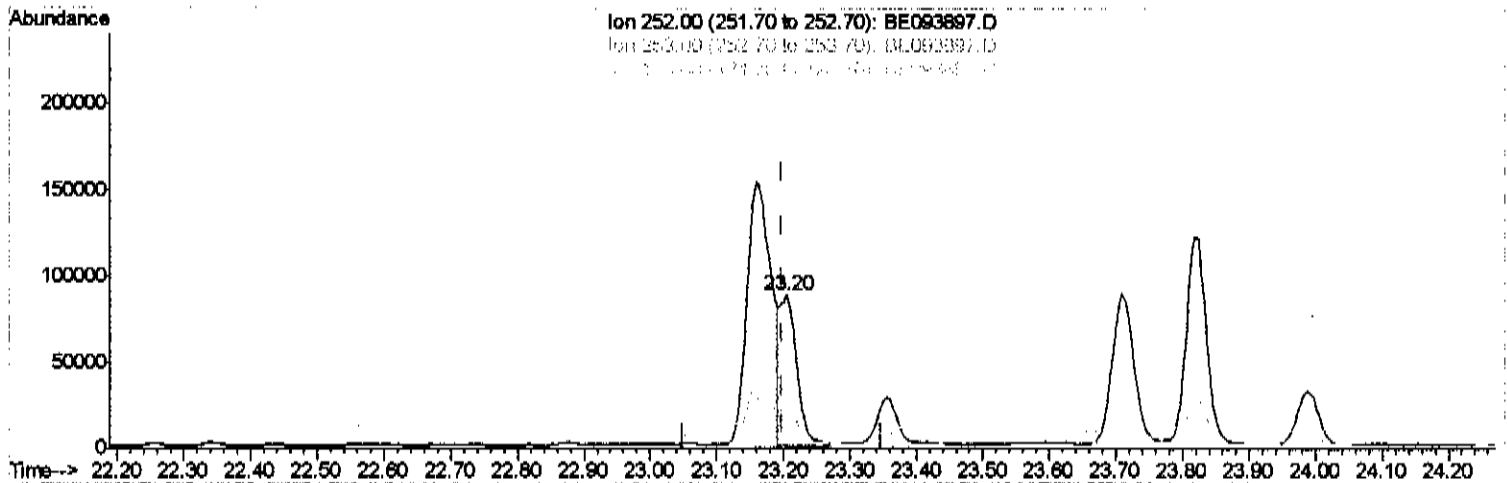
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(22) Benzo(k)fluoranthene

23.204min (+0.006) 4.62ng/ul m

response 150736

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	26.18
125.00	17.10	24.13#
0.00	0.00	0.00

Quantitation Report (Qedit)

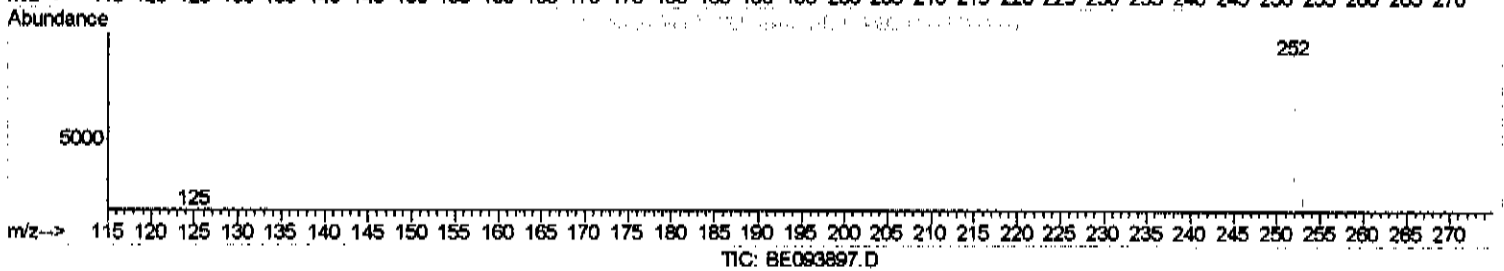
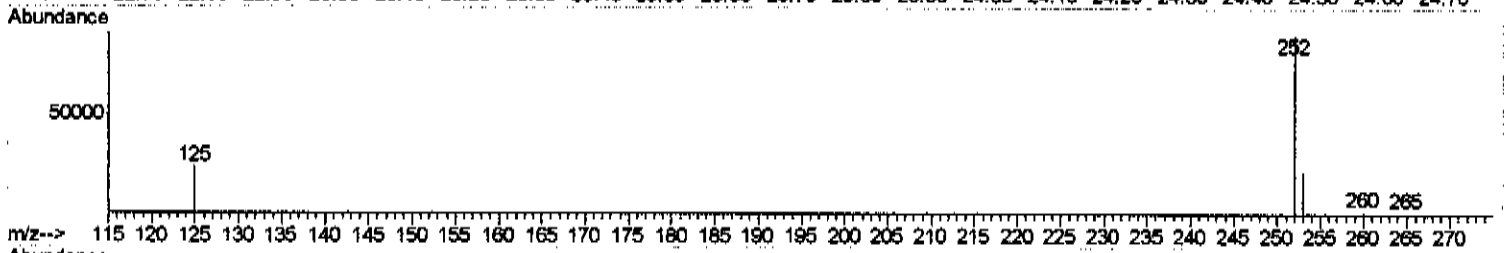
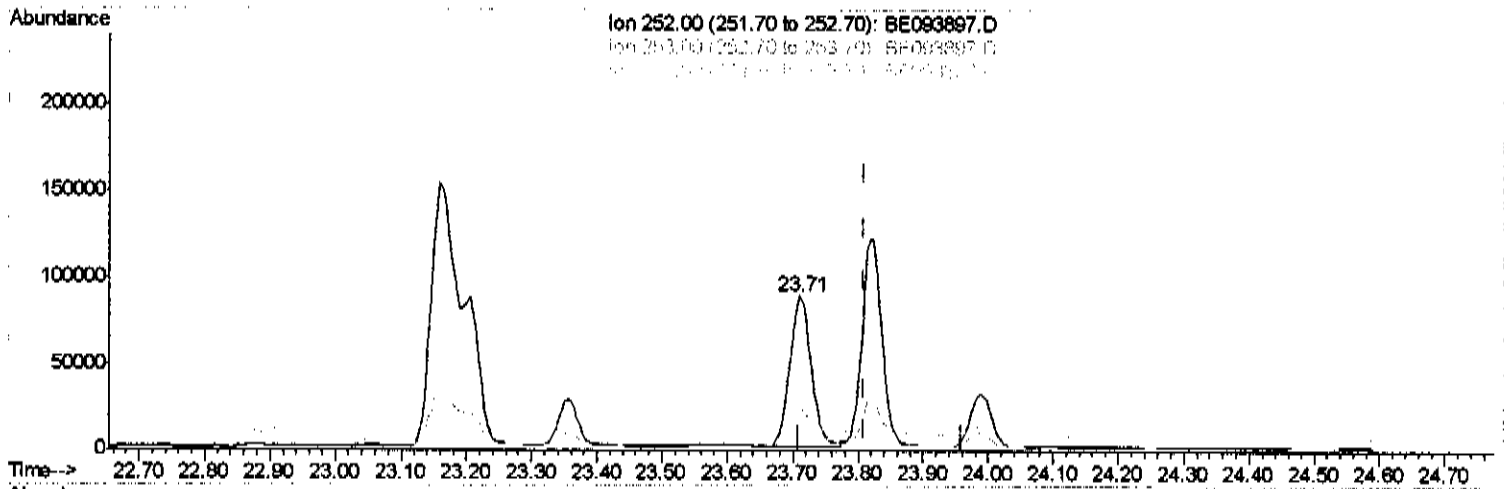
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(23) Benzo(a)pyrene (C)

23.710min (-0.099) 6.43ng/ul

response 202655

Ion	Exp%	Act%
252.00	100	100
253.00	35.60	24.58#
125.00	22.60	26.89
0.00	0.00	0.00

Quantitation Report (Qedit)

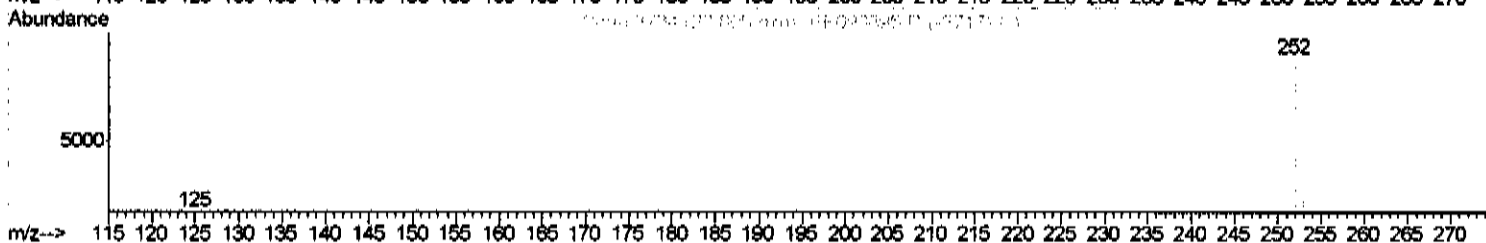
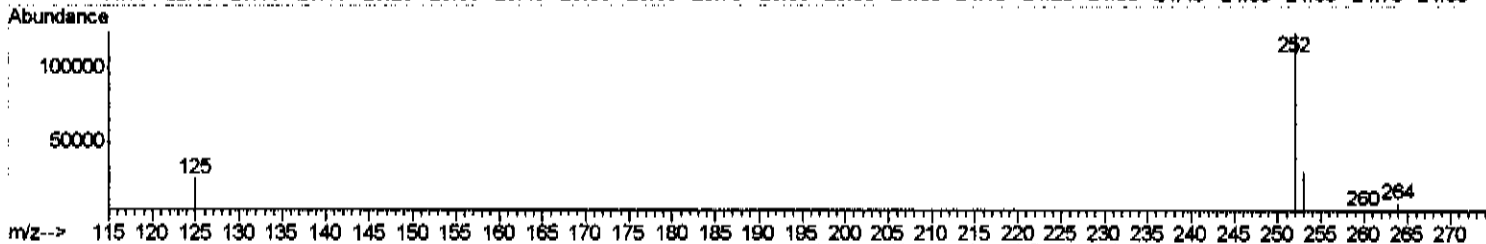
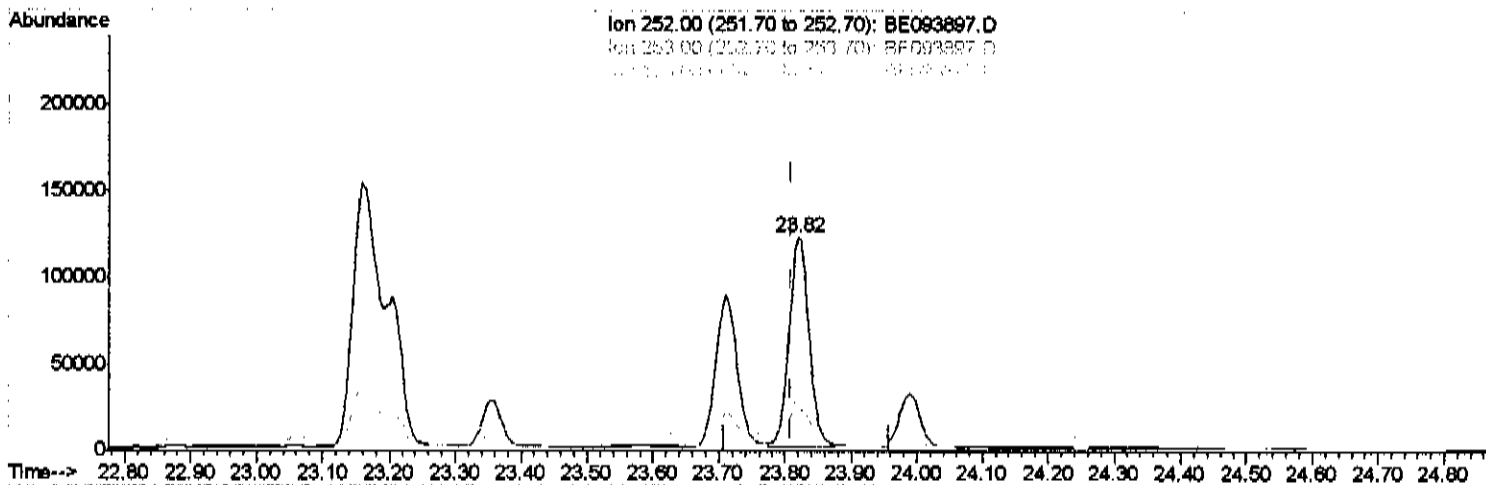
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 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
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 ClientSampled :
 C0AH2

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TIC: BE093897.D

(23) Benzo(a)pyrene (C)

23.819min (+0.010) 8.20ng/ul m

response 258200

Ion	Exp%	Act%
252.00	100	100
253.00	35.60	24.74#
125.00	22.60	20.43
0.00	0.00	0.00

Quantitation Report (Qedit)

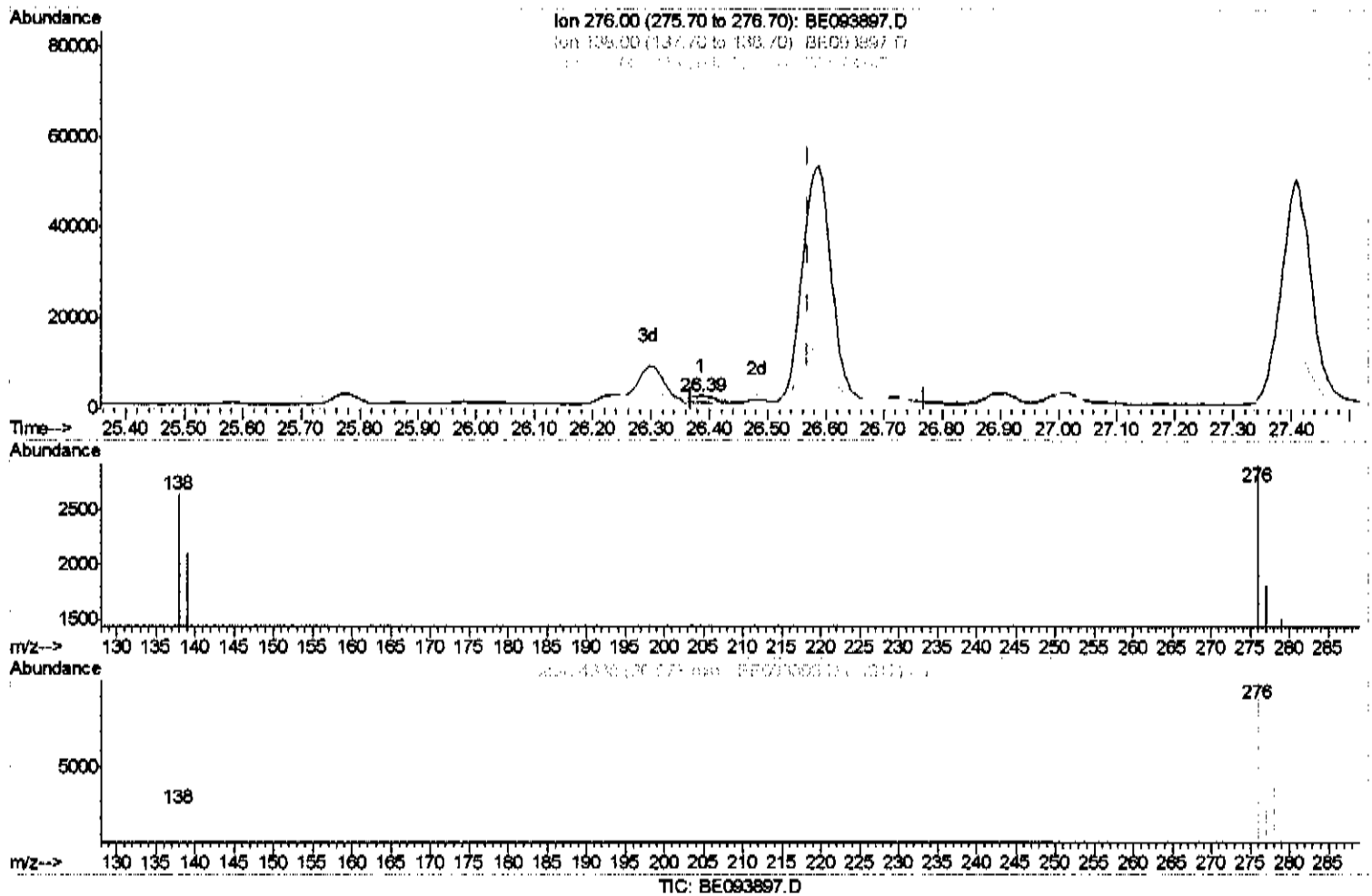
Data Path : Z:\HPCHEM1\BNA_E\Data\BE082917\
 Data File : BE093897.D
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 Sample : I4687-01
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(24) Indeno(1,2,3-cd)pyrene

26.387min (-0.182) 0.13ng/ul

response 4404

Ion	Exp%	Act%
276.00	100	100
138.00	35.00	27.07#
227.00	10.00	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

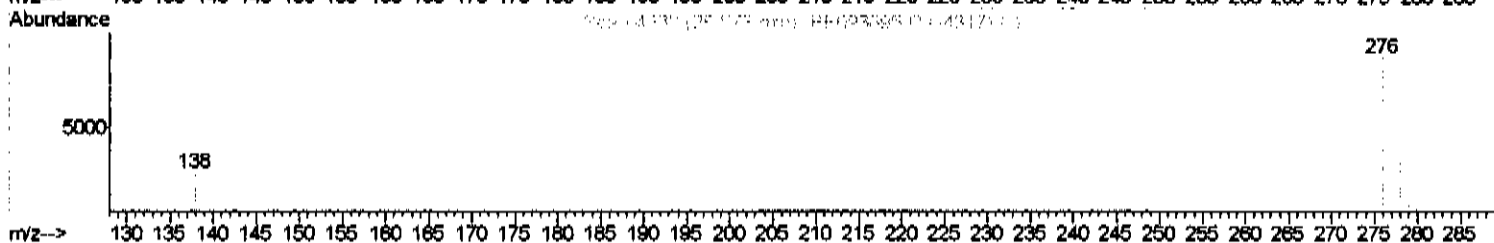
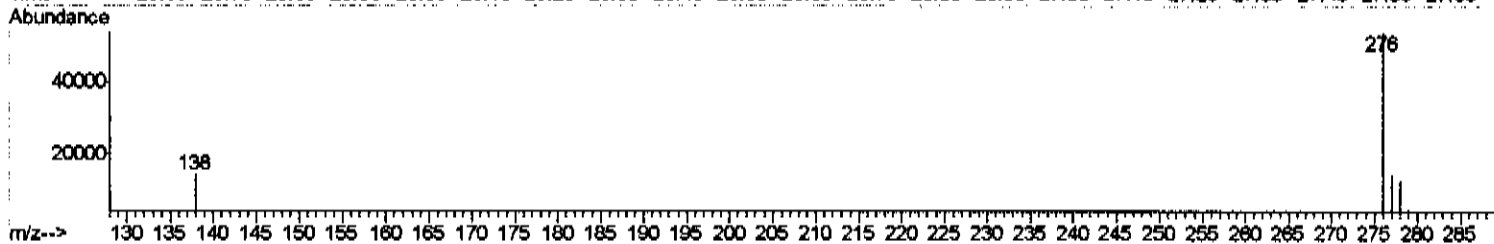
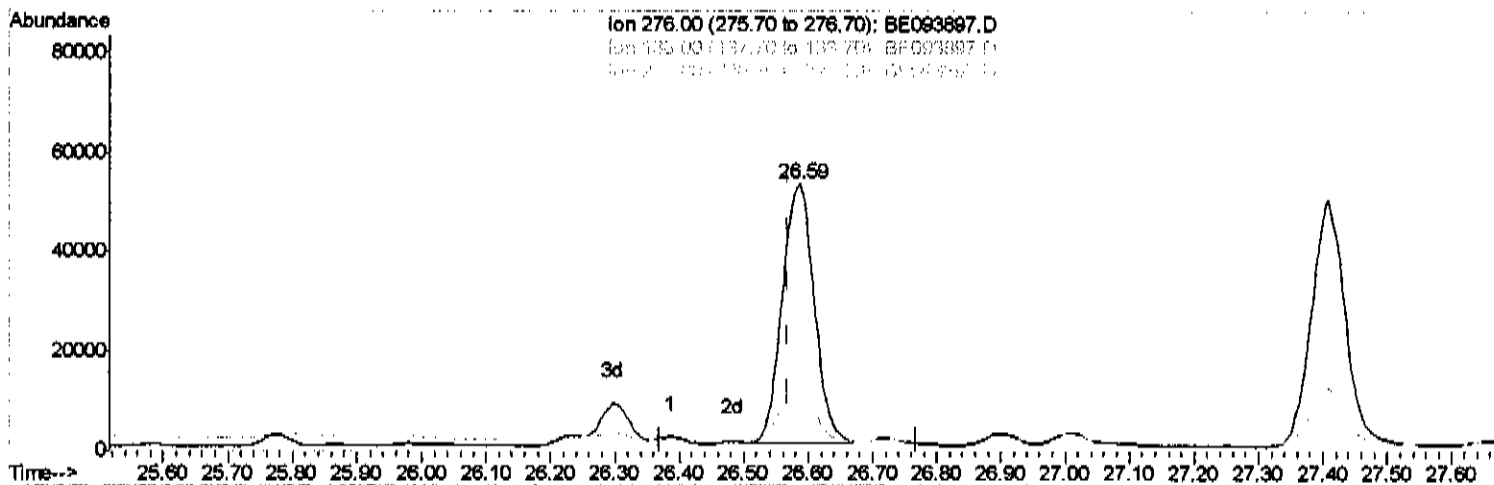
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 Data File : BE093897.D
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 ALS Vial : 4 Sample Multiplier: 1

Instrument :
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 ClientSampled :
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Manual Integrations
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TIC: BE093897.D

(24) Indeno(1,2,3-cd)pyrene

26.587min (+0.018) 5.17ng/ul m

response 179997

Ion	Exp%	Act%
276.00	100	100
138.00	35.00	0.66%
227.00	10.00	0.00%
0.00	0.00	0.00

Quantitation Report (Qedit)

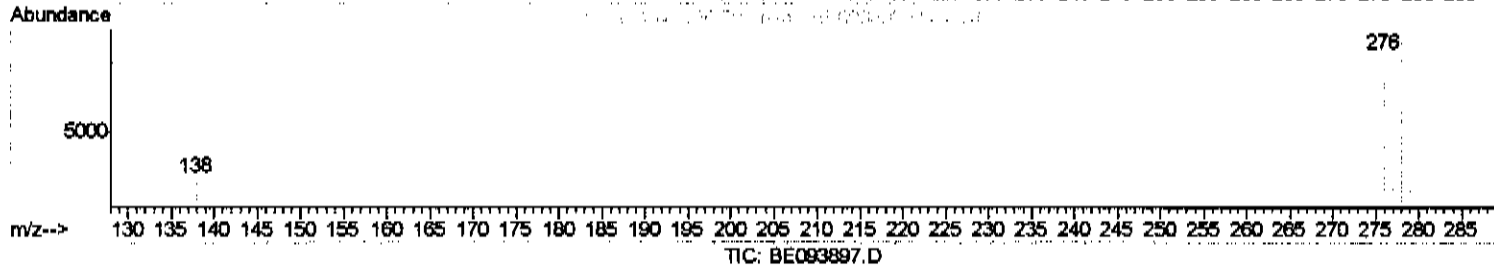
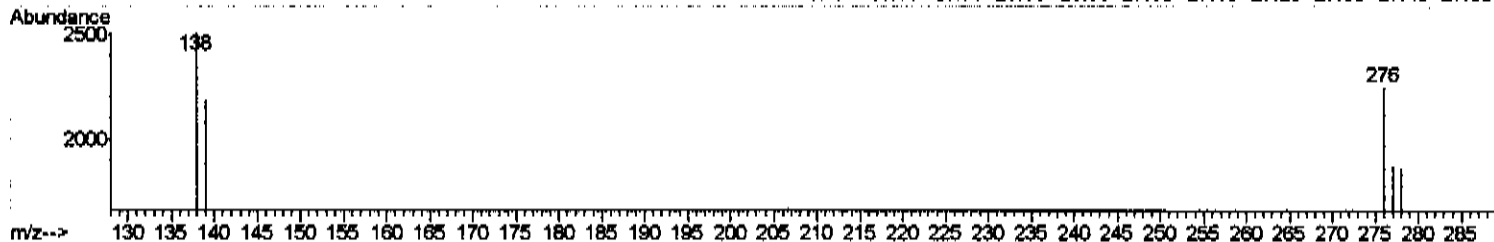
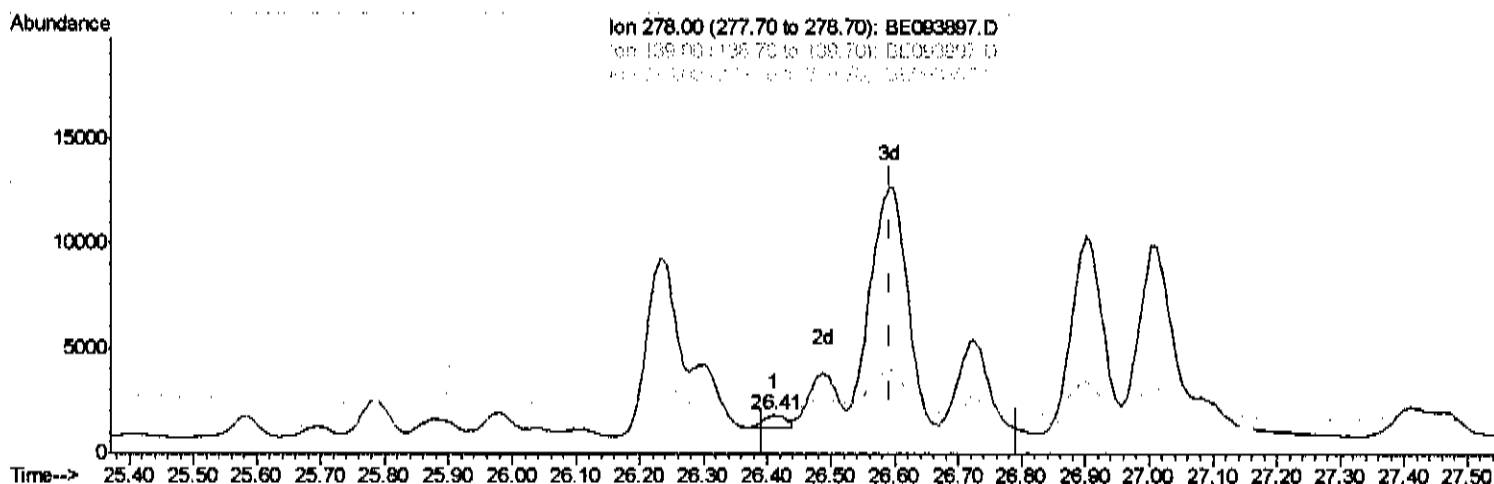
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(25) Dibenzo(a,h)anthracene

26.409min (-0.182) 0.05ng/ul

response 1588

Ion	Exp%	Act%
278.00	100	100
139.00	21.70	117.27#
279.00	32.40	89.01#
0.00	0.00	0.00

Quantitation Report (Qedit)

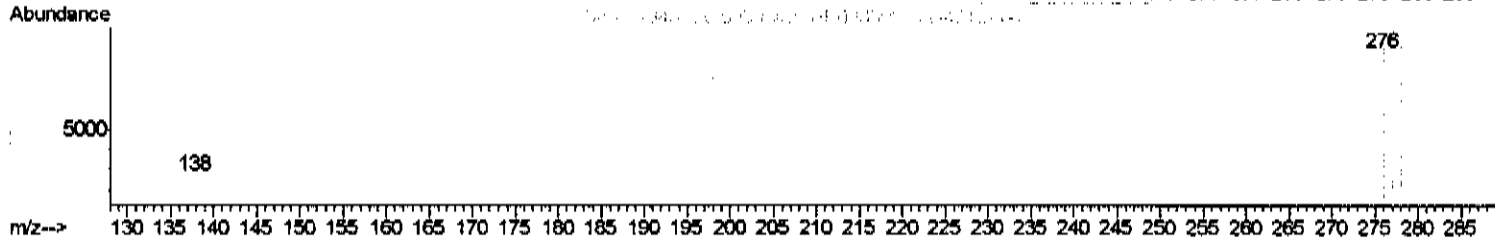
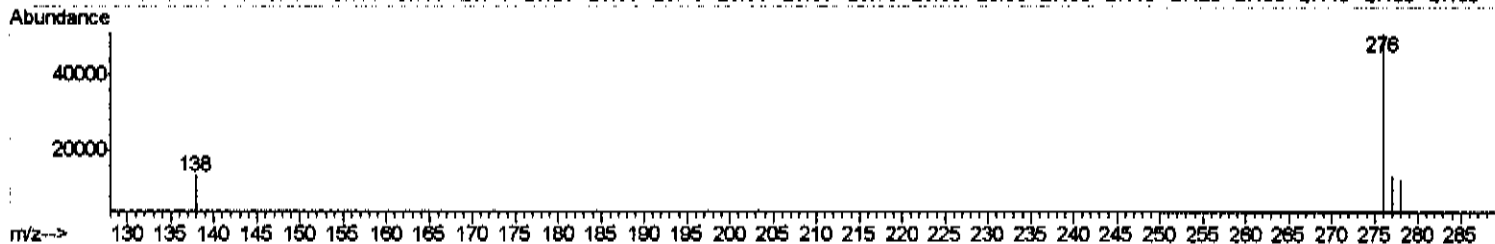
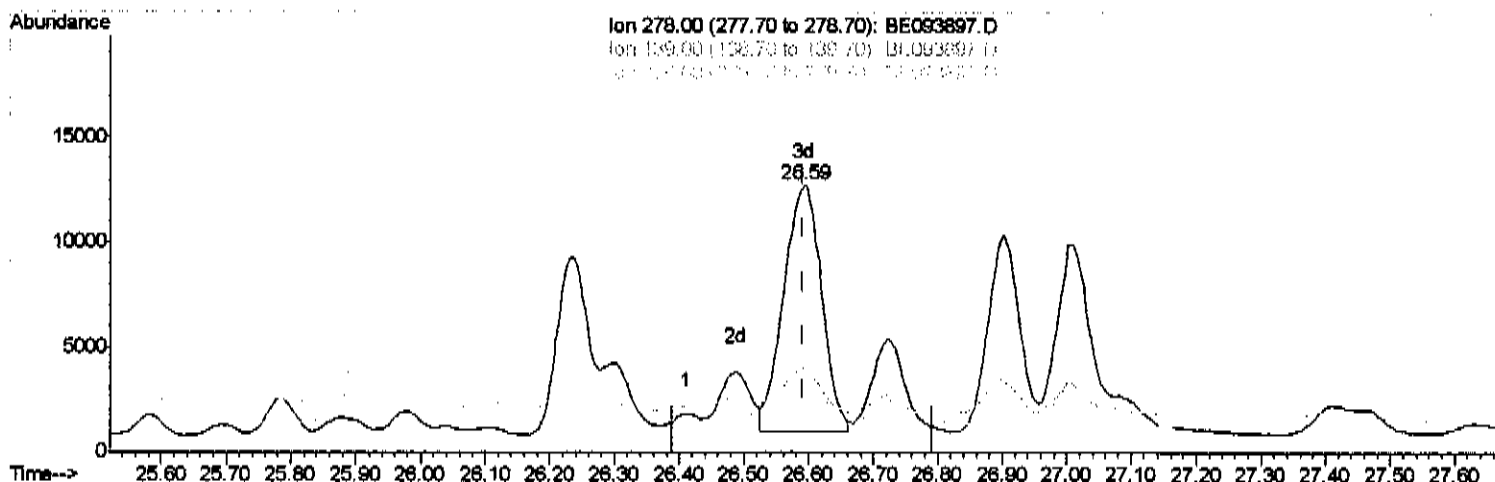
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(25) Dibenzo(a,h)anthracene

26.592min (-0.000) 1.65ng/ul m

response 47843

Ion	Exp%	Act%
278.00	100	100
139.00	21.70	31.96%
279.00	32.40	33.73
0.00	0.00	0.00

Quantitation Report (Qedit)

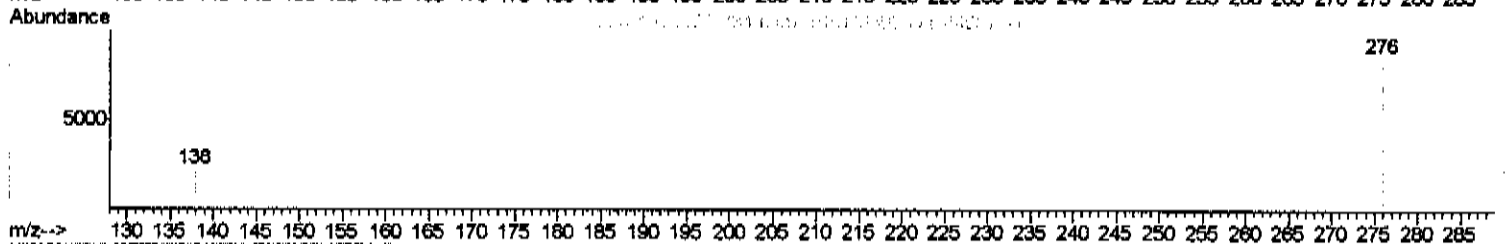
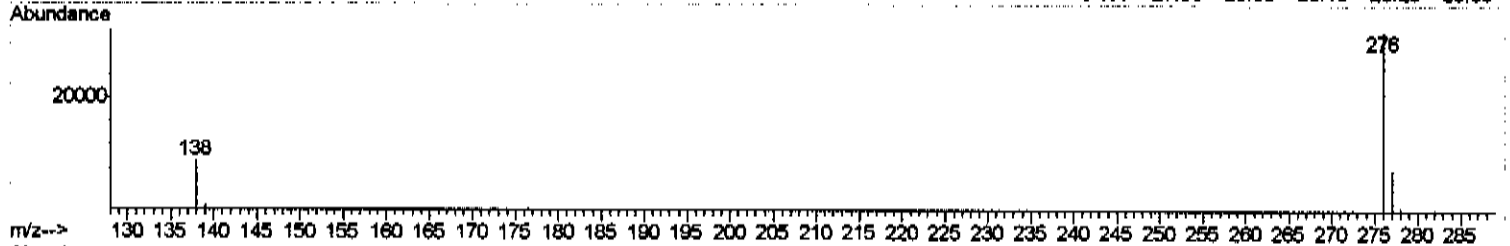
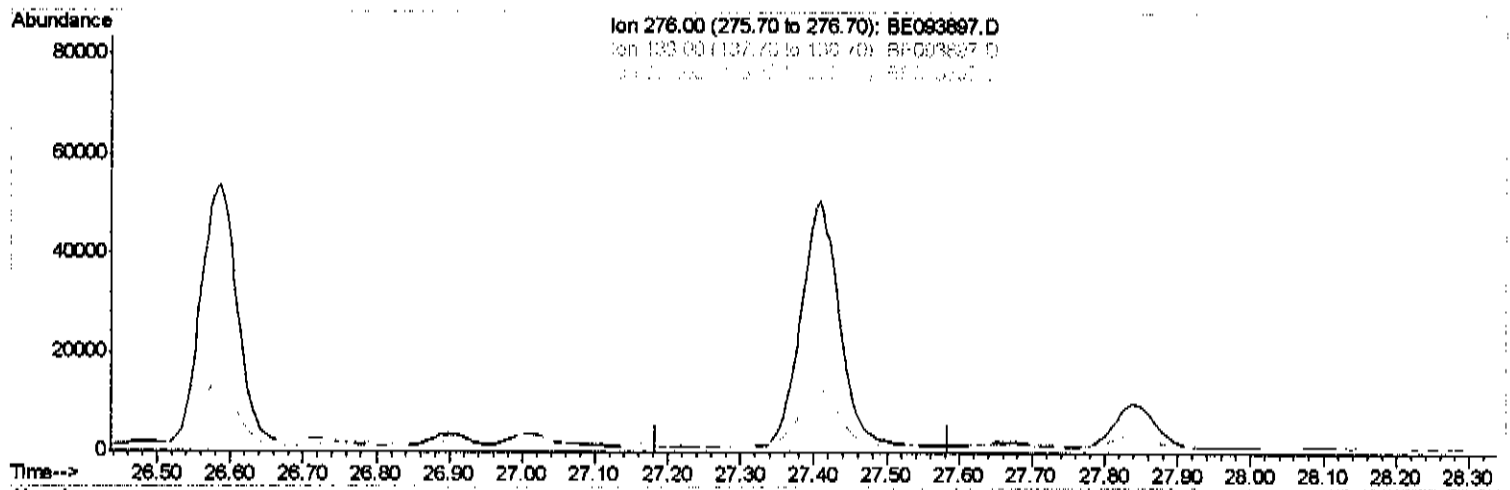
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TIC: BE093897.D

(26) Benzo(g,h,i)perylene

27.385min (-27.385) 0.00ng/ul

response 0

Ion	Exp%	Act%
276.00	100	0.00
138.00	27.30	0.00#
277.00	25.60	0.00#
0.00	0.00	0.00

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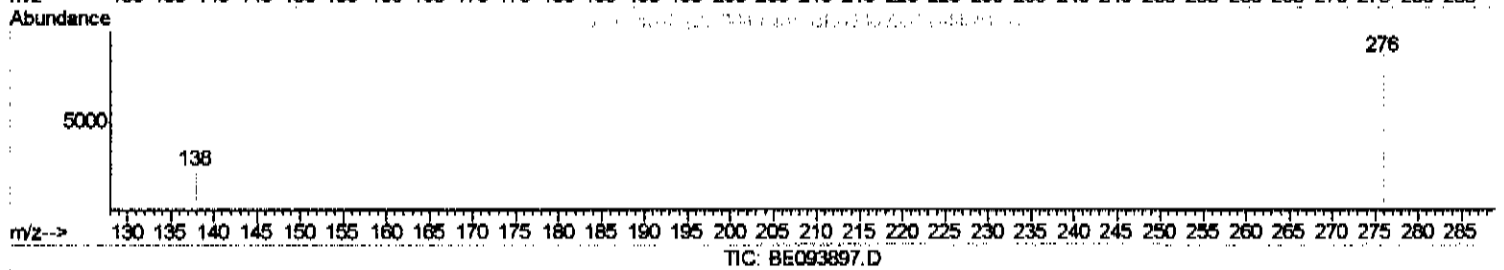
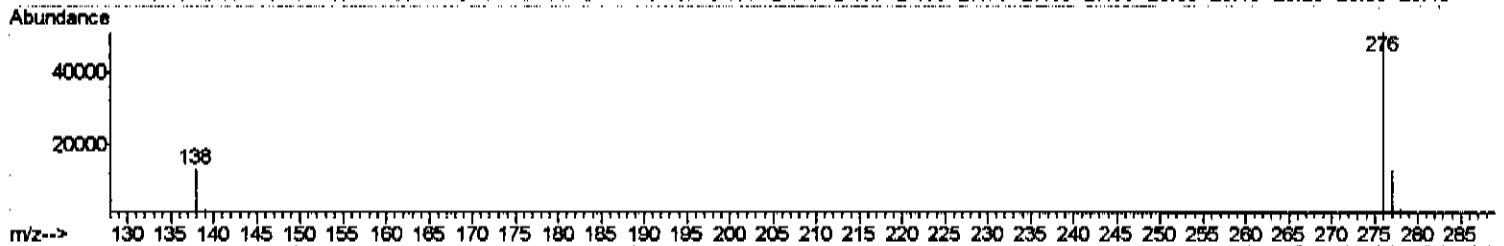
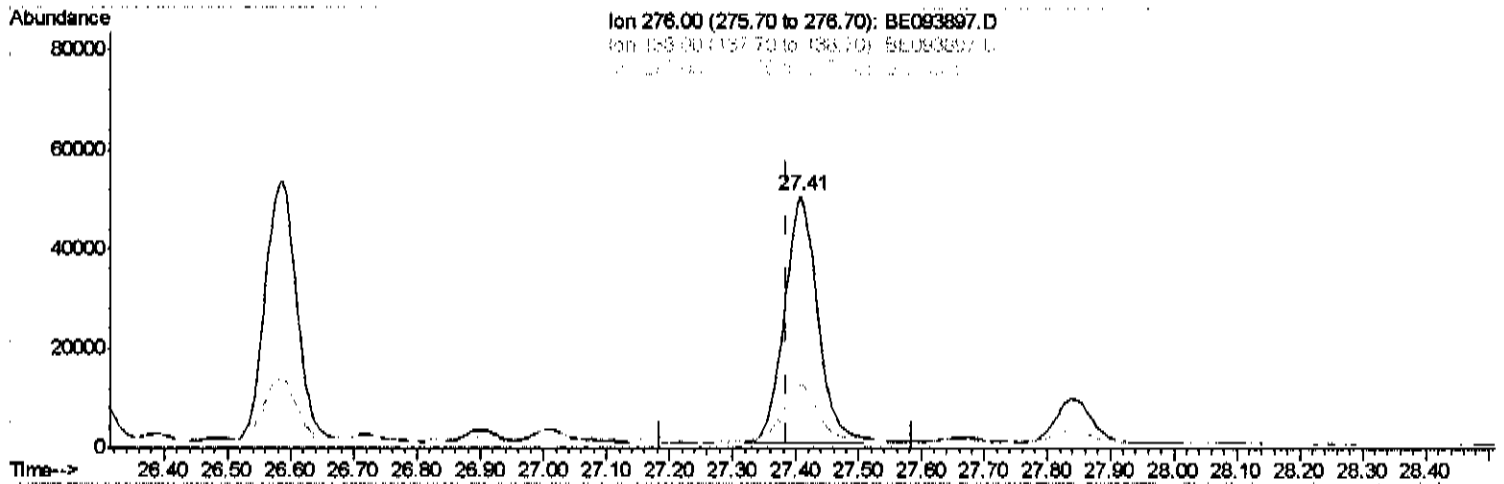
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(26) Benzo(g,h,i)perylene

27.407min (+0.023) 6.23ng/ul m

response 182521

Ion	Exp%	Act%
276.00	100	100
138.00	27.30	26.05
277.00	25.60	25.42
0.00	0.00	0.00

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C0AH2

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Sample : I4687-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Aug 28 16:01:21 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 28 15:03:19 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	2211	0.40	ng/ul	0.00
2) Naphthalene-d8	10.70	136	11423	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.52	164	7461	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	14173	0.40	ng/ul	0.00
16) Chrysene-d12	21.42	240	14103	0.40	ng/ul	0.00
20) Perylene-d12	23.93	264	10707m	0.40	ng/ul	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.28	152	4906	0.27	ng/ul	0.00
14) Fluoranthene-d10	19.27	212	11476	0.26	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	10.75	128	135198	4.866	ng/ul#	91
5) 2-Methylnaphthalene	12.36	142	127877	6.309	ng/ul	98
7) Acenaphthylene	14.24	152	22006	0.705	ng/ul#	92
8) Acenaphthene	14.58	153	14306	0.583	ng/ul	97
9) Fluorene	15.57	166	10774	0.347	ng/ul#	87
12) Phenanthrene	17.29	178	276368	7.160	ng/ul#	91
13) Anthracene	17.38	178	57601	1.532	ng/ul#	91
15) Fluoranthene	19.30	202	538144	11.149	ng/ul	84
17) Pyrene	19.66	202	495447	12.035	ng/ul#	84
18) Benzo(a)anthracene	21.40	228	295403	7.225	ng/ul#	88
19) Chrysene	21.45	228	308677	7.871	ng/ul	97
21) Benzo(b)fluoranthene	23.16	252	384404m	11.606	ng/ul	}
22) Benzo(k)fluoranthene	23.20	252	150736m	4.615	ng/ul	
23) Benzo(a)pyrene	23.82	252	258200m	8.196	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.59	276	179997m	5.175	ng/ul	
25) Dibenzo(a,h)anthracene	26.59	278	47843m	1.646	ng/ul	
26) Benzo(g,h,i)perylene	27.41	276	182521m	6.227	ng/ul	

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