

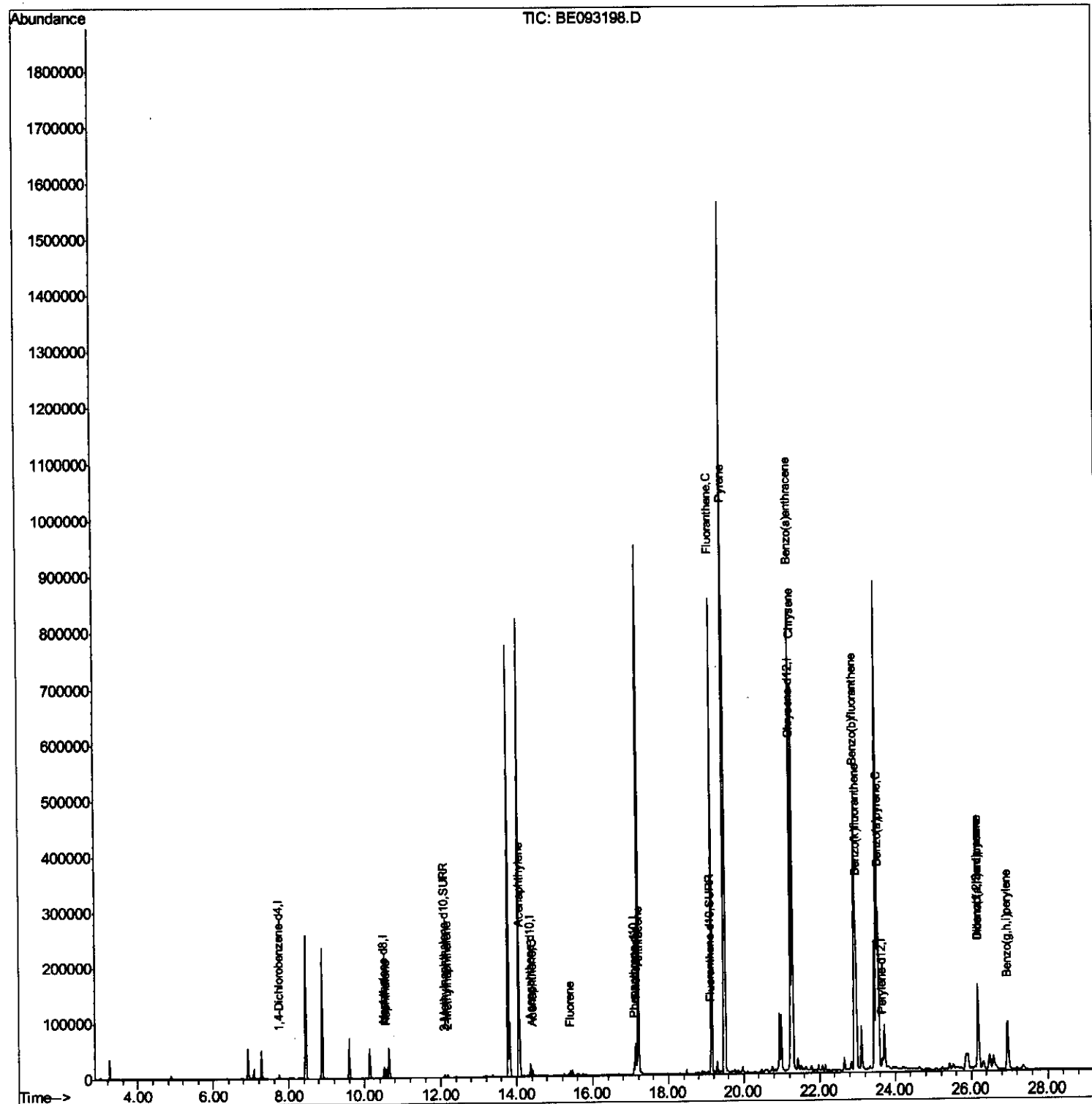
Data Path : Z:\HPCHEM1\BNA_E\Data\BE061417\
Data File : BE093198.D
Acq On : 15 Jun 2017 8:38
Operator : SJ/MA
Sample : I3521-12
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
F5B94

Manual Integrations
APPROVED

mohammad
6/15/2017 3:54:25 PM

Quant Time: Jun 15 11:23:13 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



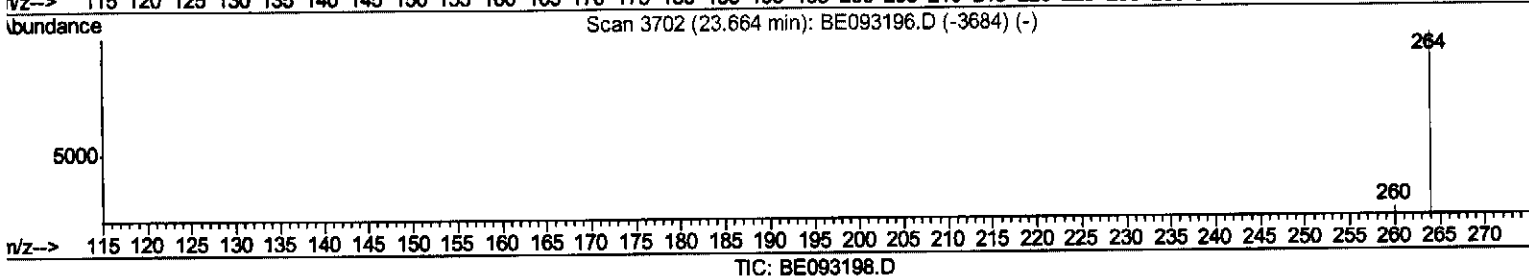
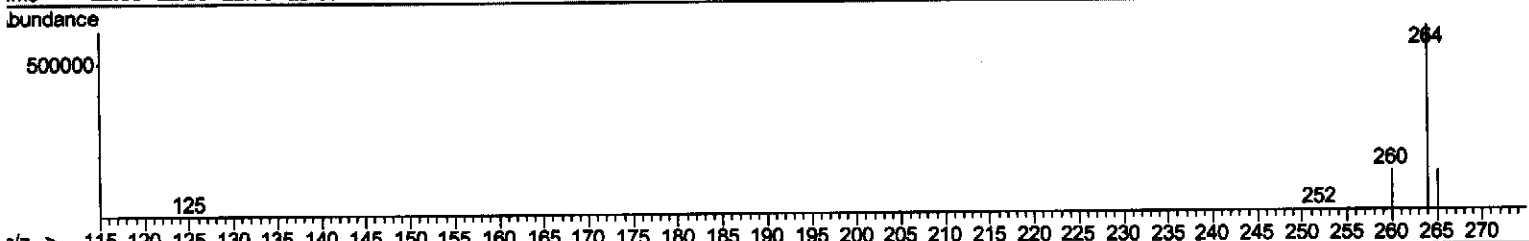
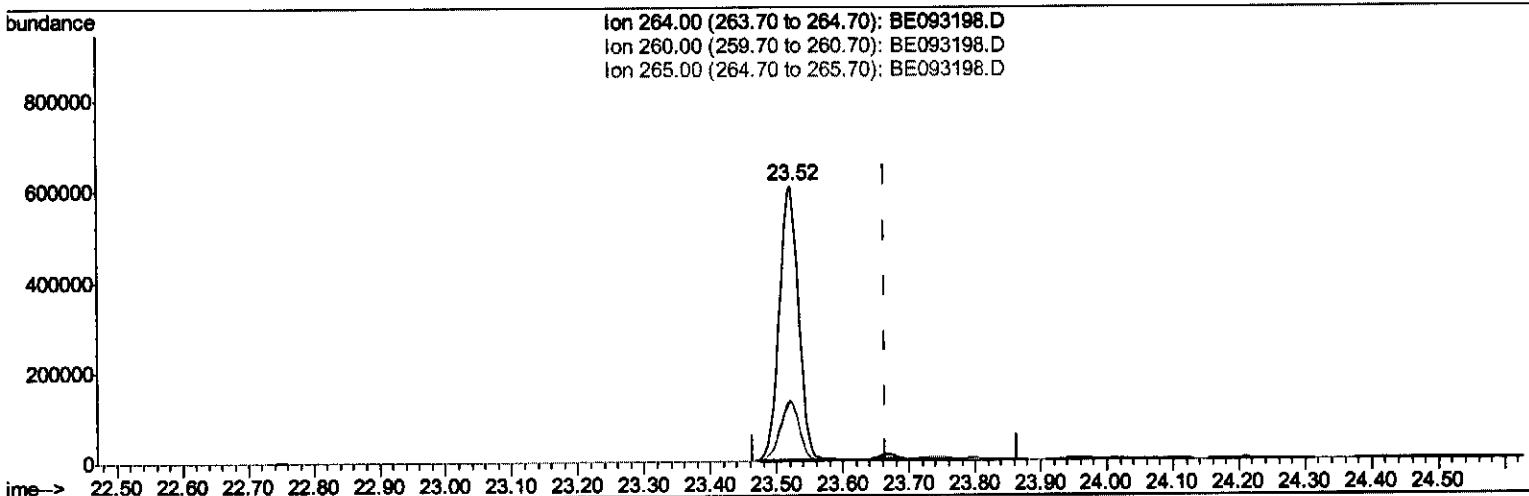
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(20) Perylene-d12 (I)

23.522min (-0.142) 0.40ng/ul

response 1222908

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	22.04#
265.00	103.50	21.64#
0.00	0.00	0.00

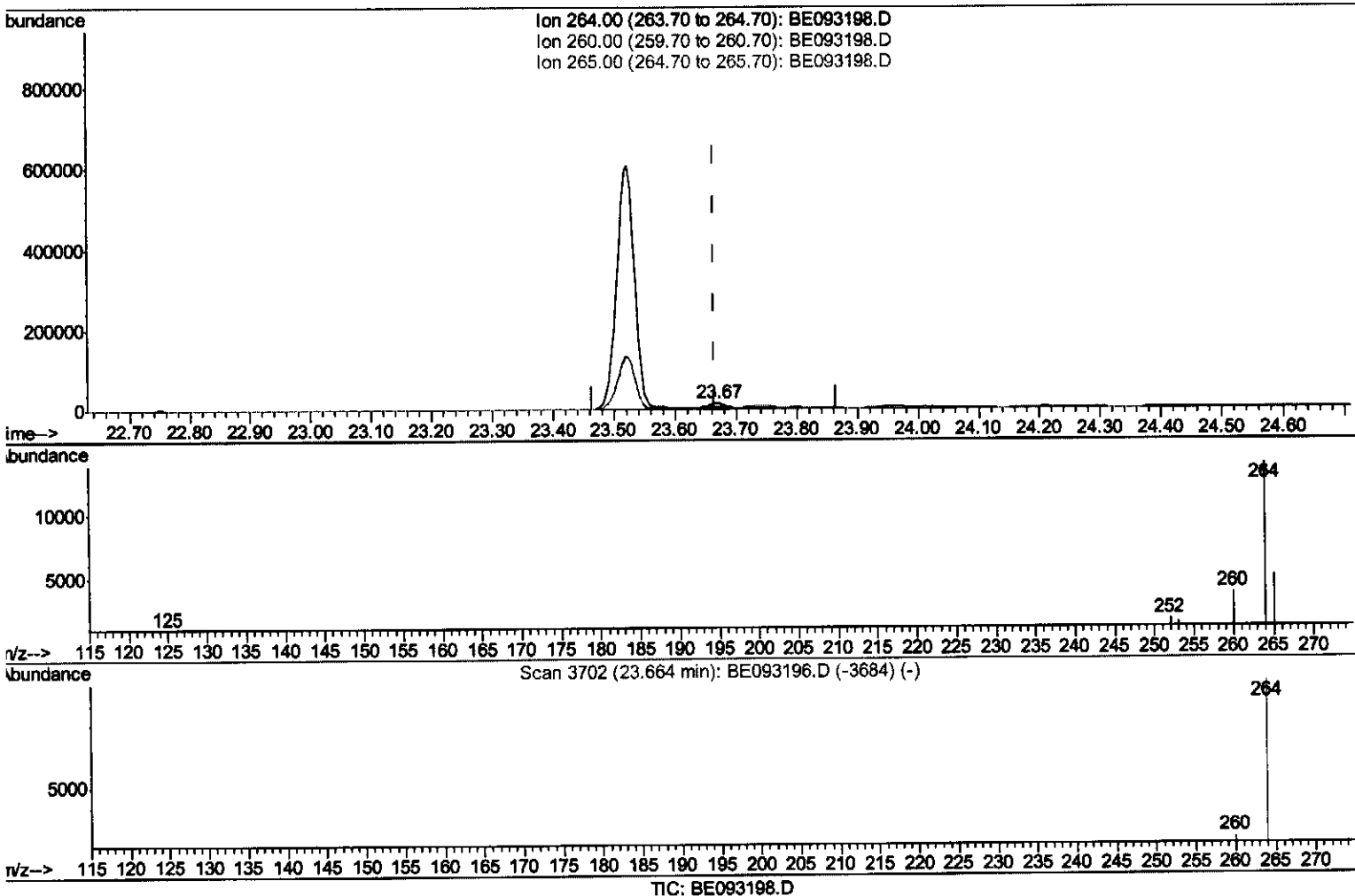
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(20) Perylene-d12 (I)

23.668min (+0.004) 0.40ng/ul m

response 23690

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	26.04
265.00	103.50	36.13#
0.00	0.00	0.00

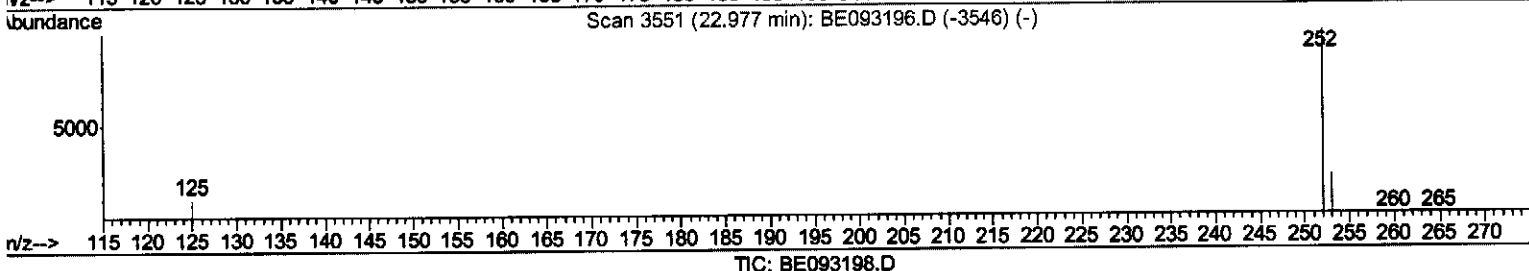
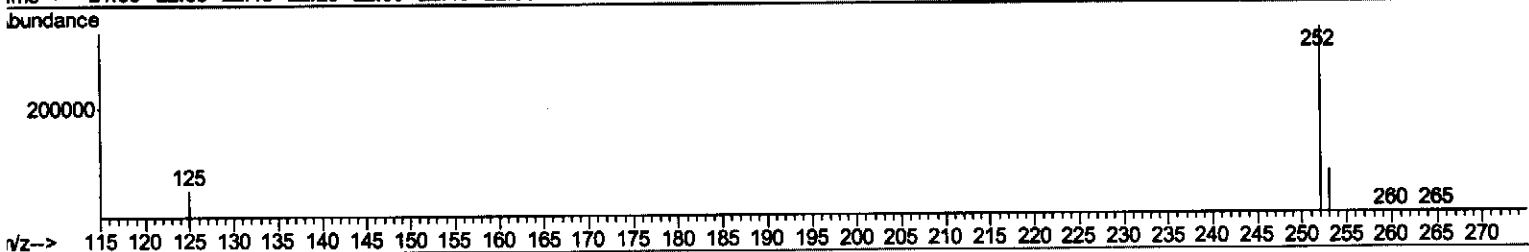
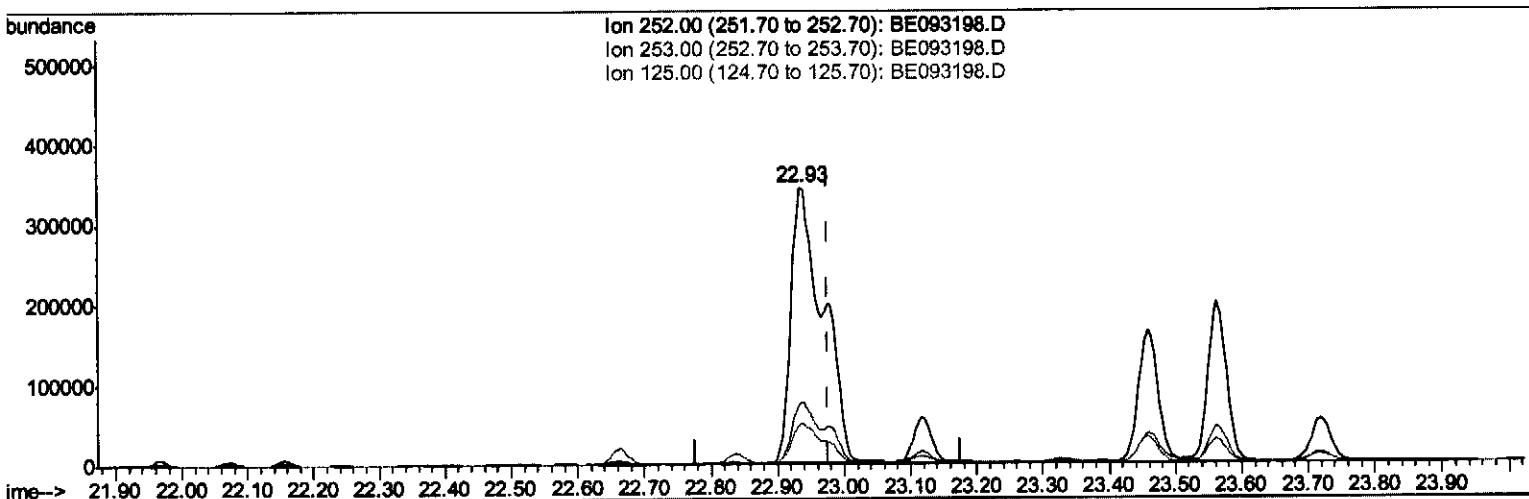
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Misc :
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Instrument :
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ClientSampleID :
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TIC: BE093198.D

(22) Benzo(k)fluoranthene

22.935min (-0.042) 14.99ng/ui

response 1144568

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	22.49#
125.00	17.10	14.68
0.00	0.00	0.00

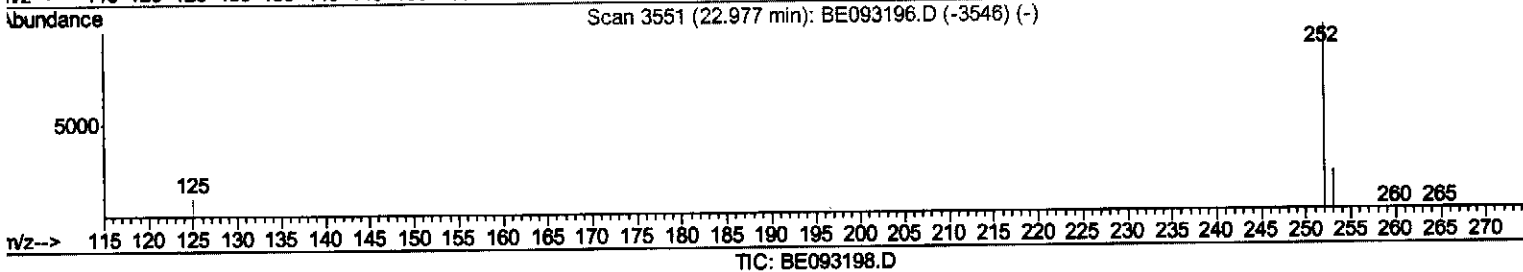
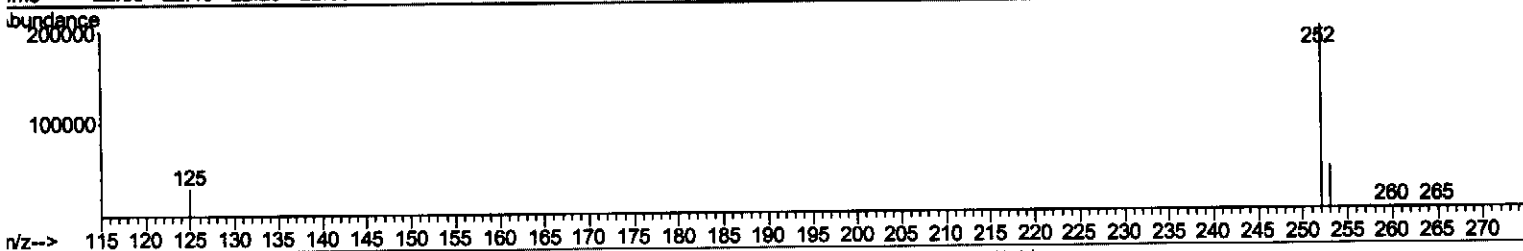
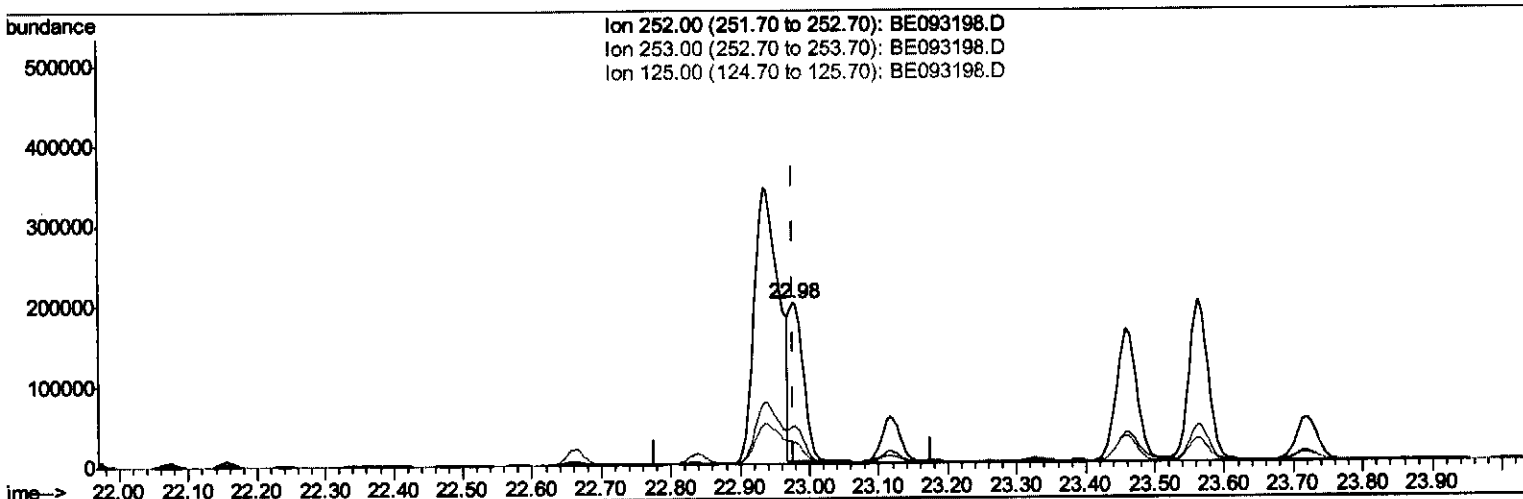
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Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampled :
F5B94

Manual Integrations
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TIC: BE093198.D

(22) Benzo(k)fluoranthene

22.976min (-0.001) 3.81ng/ul m

response 291129

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	23.35#
125.00	17.10	14.21
0.00	0.00	0.00

JS
06/21/17

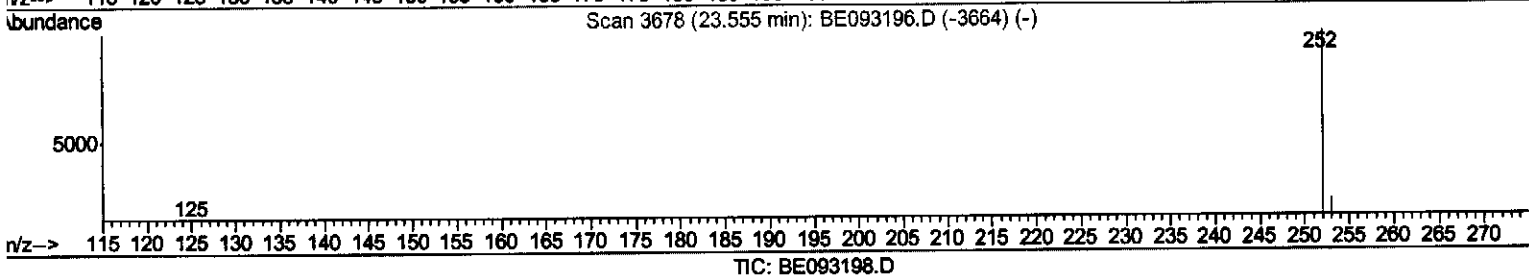
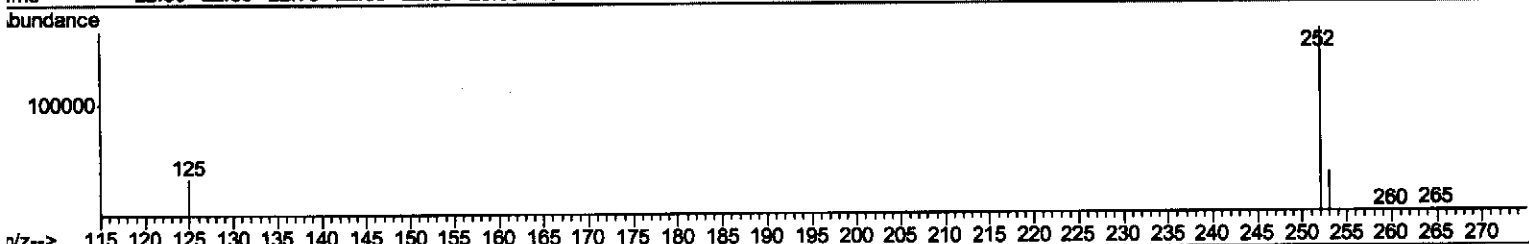
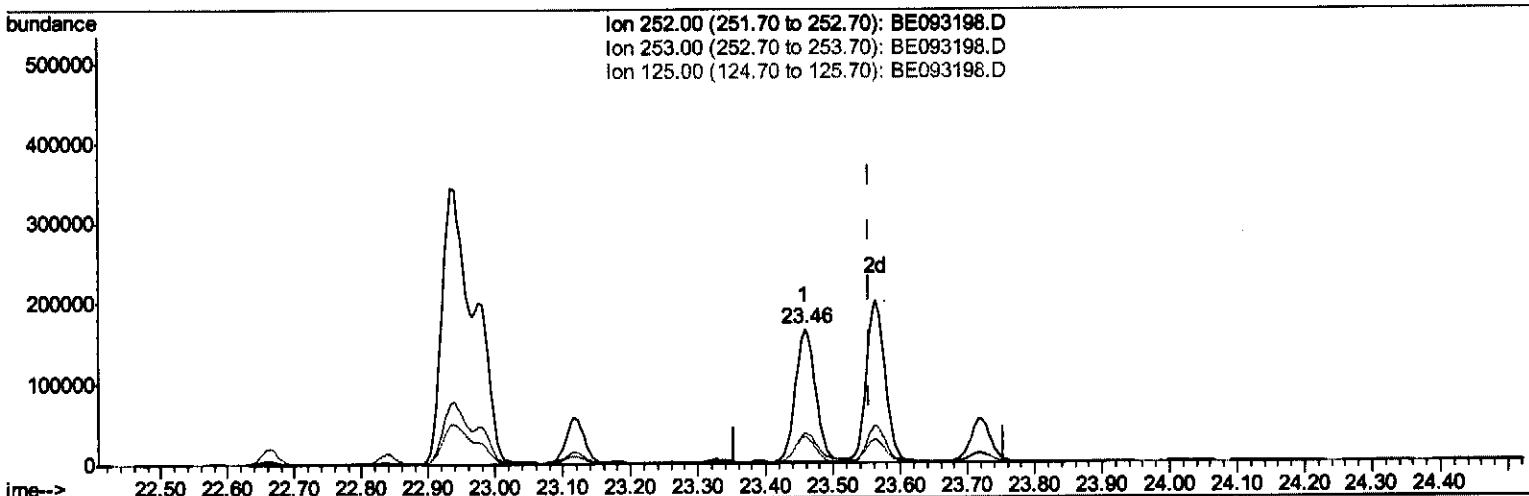
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Operator : SJ/MA
Sample : I3521-12
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
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Manual Integrations
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TIC: BE093198.D

(23) Benzo(a)pyrene (C)

23.459min (-0.096) 5.08ng/ul

response 345097

Ion	Exp%	Act%
252.00	100	100
253.00	35.60	22.30#
125.00	22.60	19.83
0.00	0.00	0.00

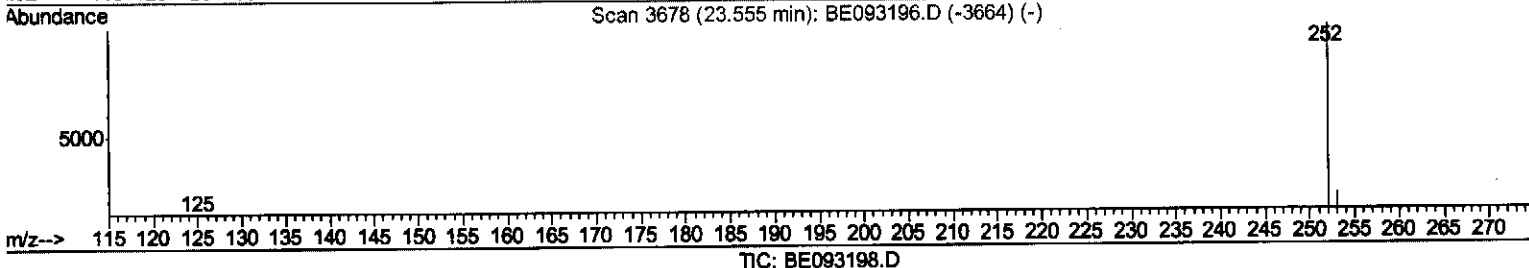
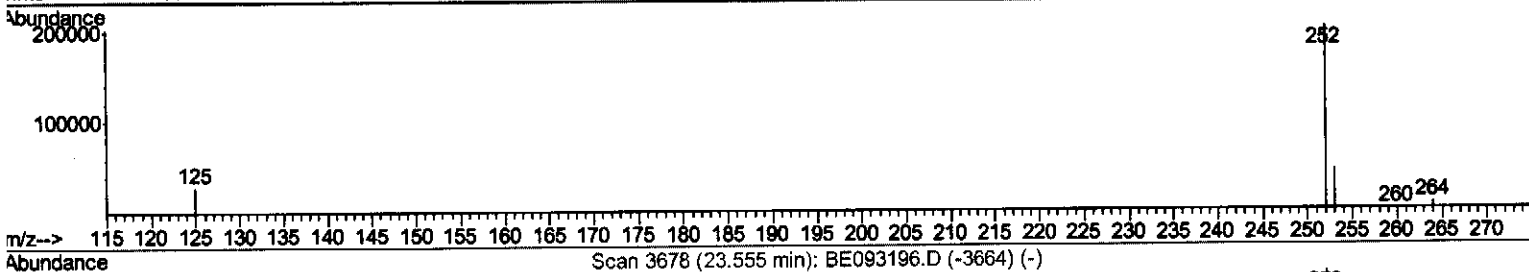
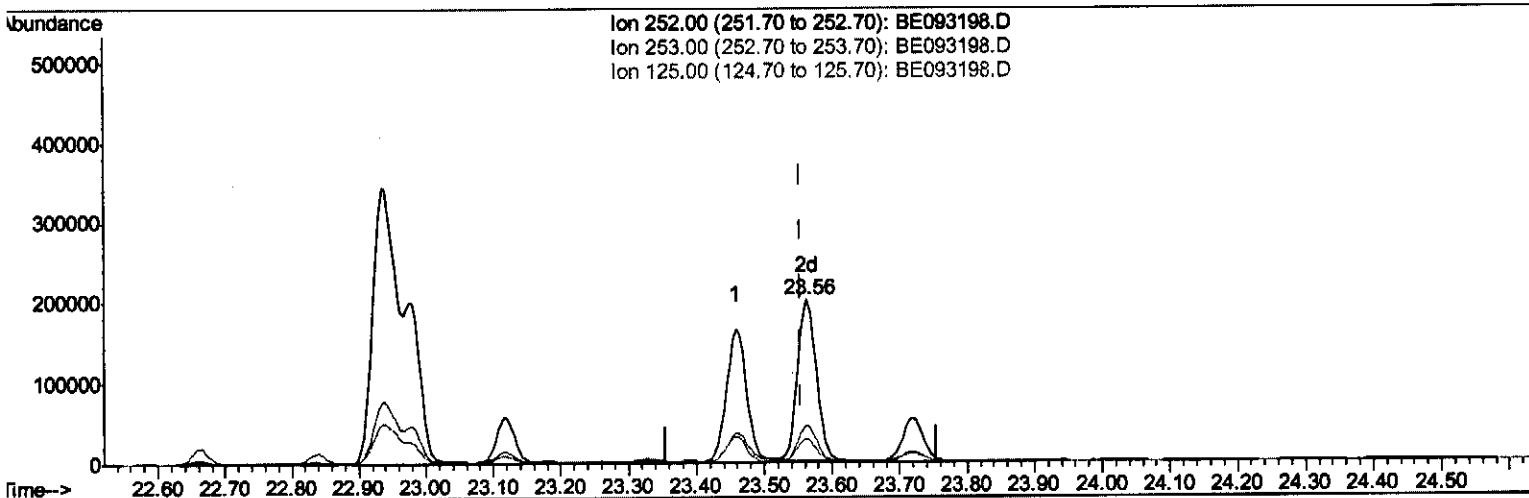
Data Path : Z:\HPCHEM1\BNA_E\Data\BE061417\
Data File : BE093198.D
Acq On : 15 Jun 2017 8:38
Operator : SJ/MA
Sample : I3521-12
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
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Manual Integrations
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(23) Benzo(a)pyrene (C)

23.563min (+0.008) 5.73ng/ul m

response 389316

Ion	Exp%	Act%
252.00	100	100
253.00	35.60	22.93#
125.00	22.60	14.88#
0.00	0.00	0.00

SJ
06/21/17

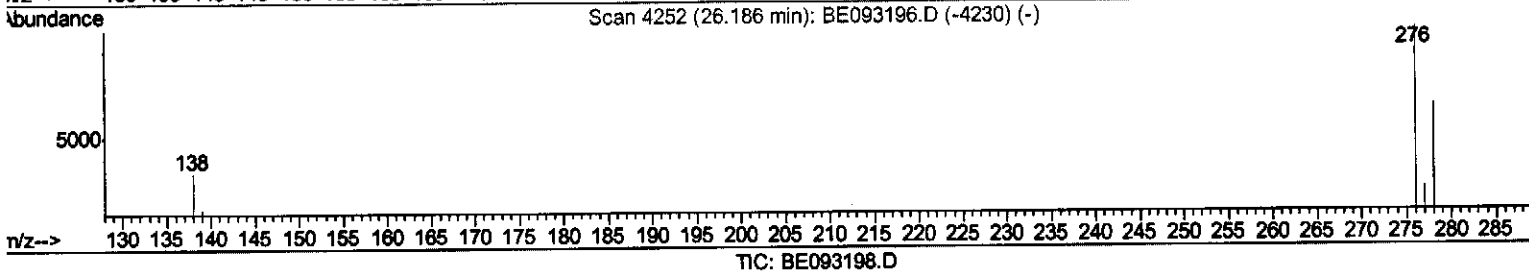
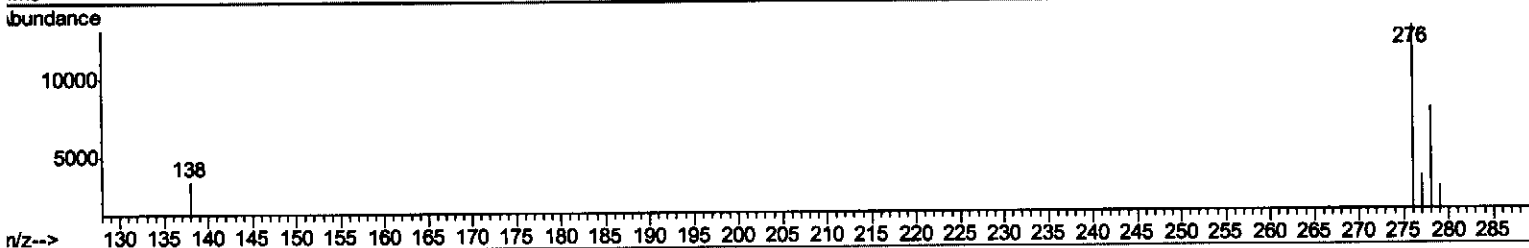
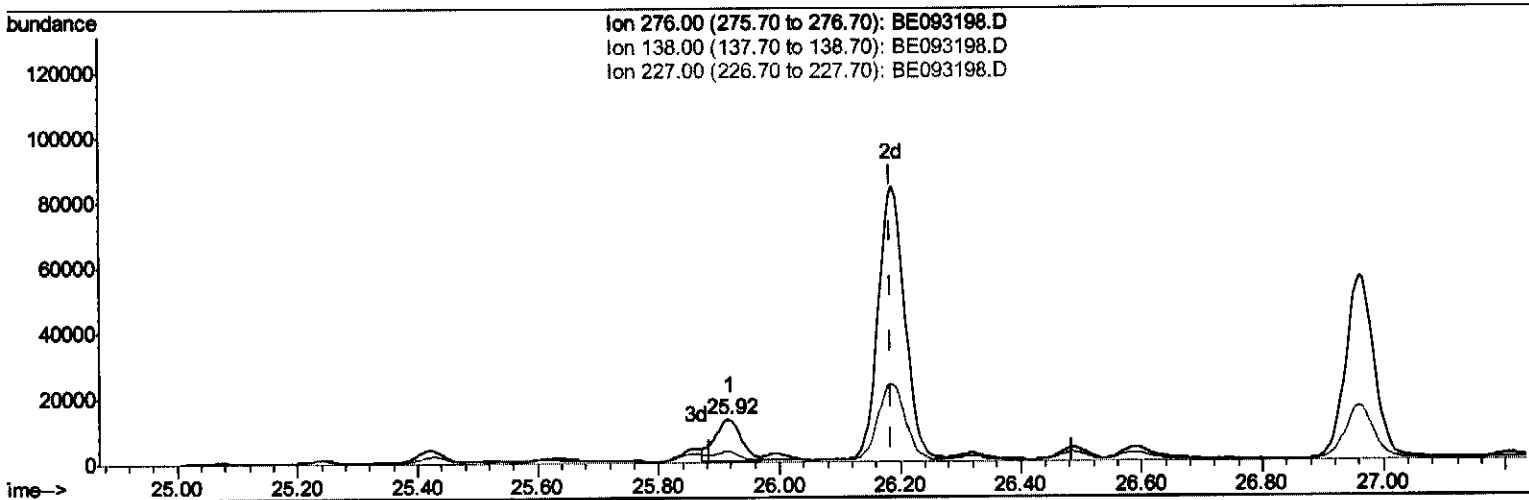
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Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
F5B94

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

25.918min (-0.268) 0.50ng/ul

response 39083

Ion	Exp%	Act%
276.00	100	100
138.00	35.00	20.49#
227.00	10.00	0.00#
0.00	0.00	0.00

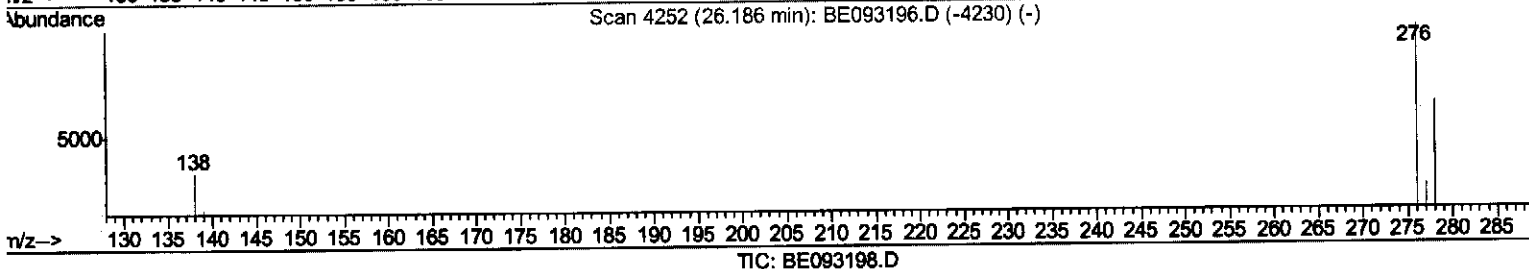
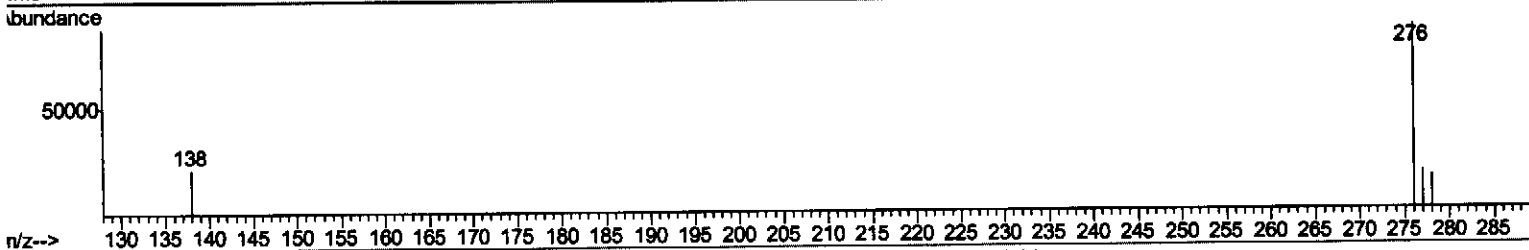
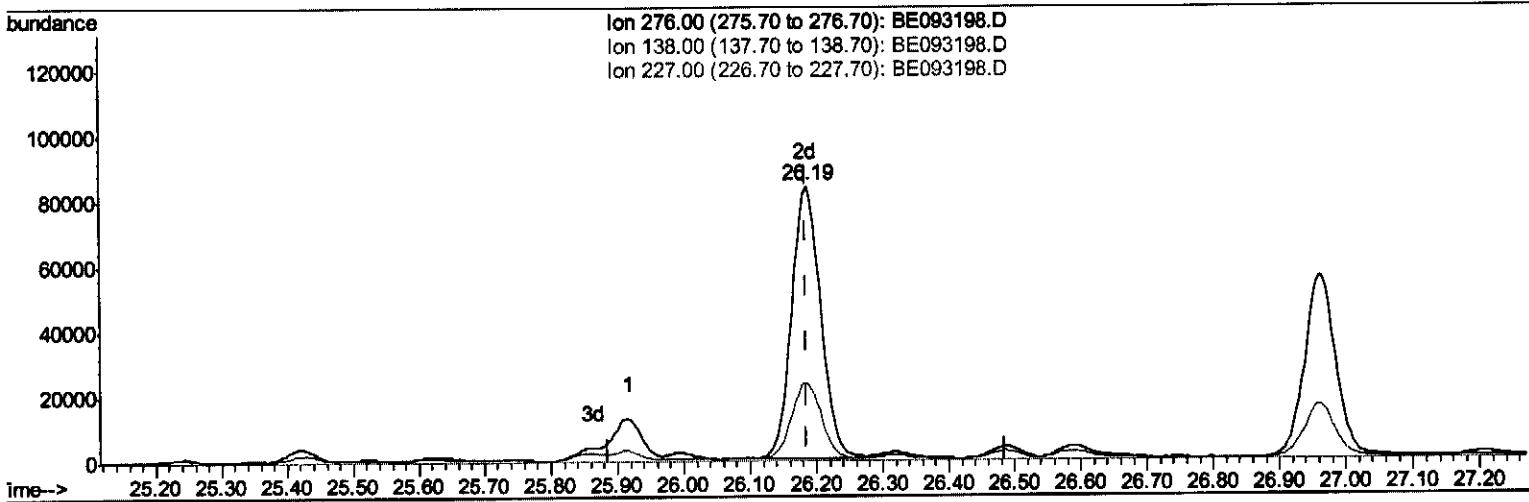
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Operator : SJ/MA
Sample : I3521-12
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampled :
F5B94

Manual Integrations
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mohammad
6/15/2017 3:54:25 PM

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TIC: BE093198.D

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

26.187min (+0.001) 3.21ng/ul m

response 252692

Ion	Exp%	Act%
276.00	100	100
138.00	35.00	3.17#
227.00	10.00	0.00#
0.00	0.00	0.00

55
66/21/17

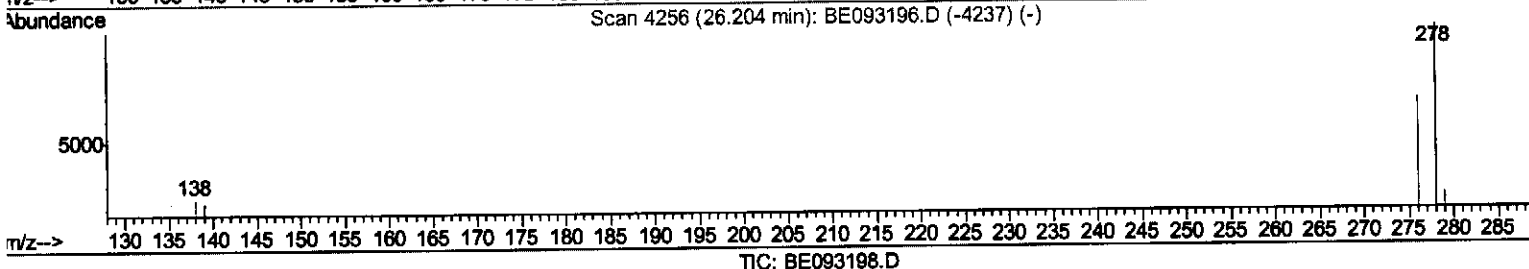
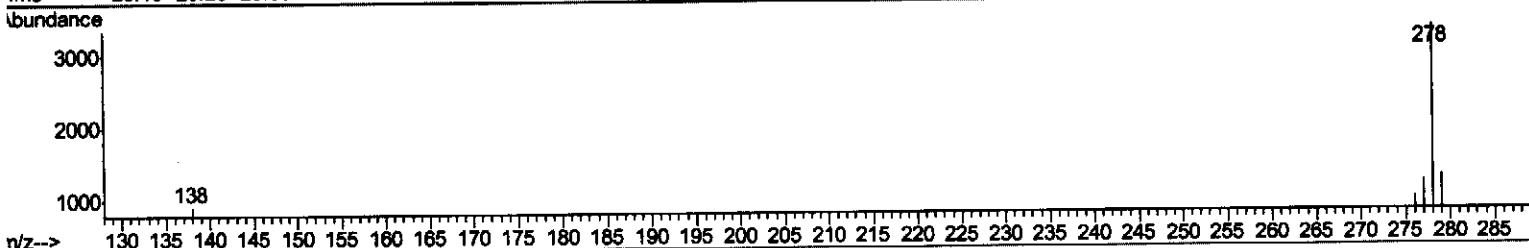
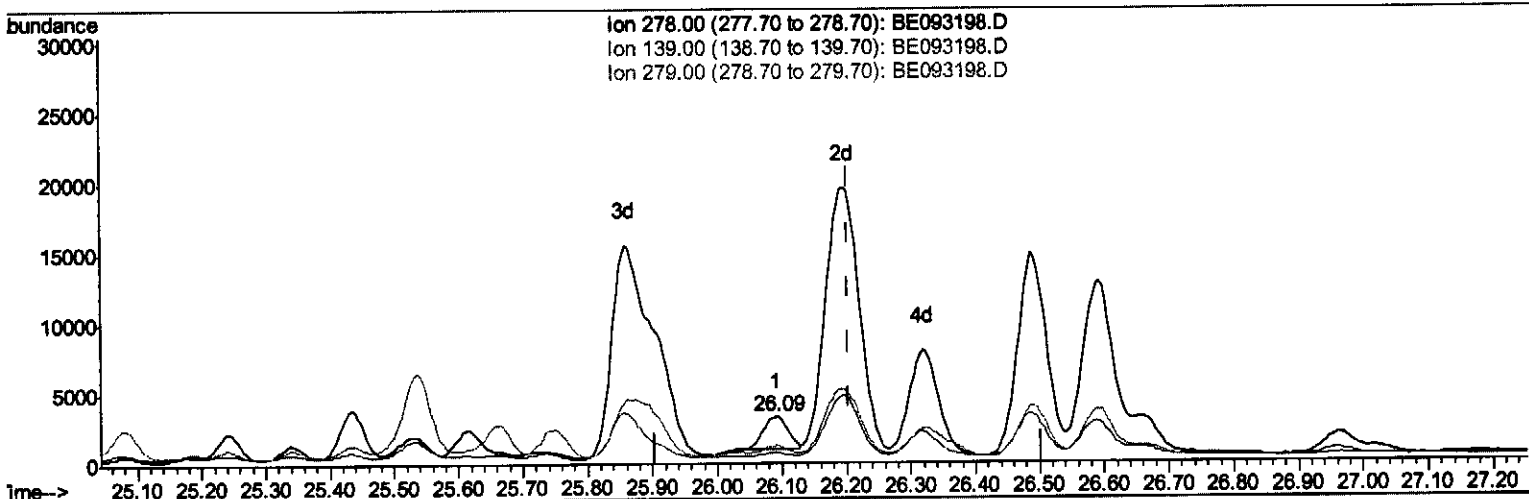
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(25) Dibenzo(a,h)anthracene

26.091min (-0.113) 0.10ng/ul

response 6440

Ion	Exp%	Act%
278.00	100	100
139.00	21.70	23.60
279.00	32.40	37.57
0.00	0.00	0.00

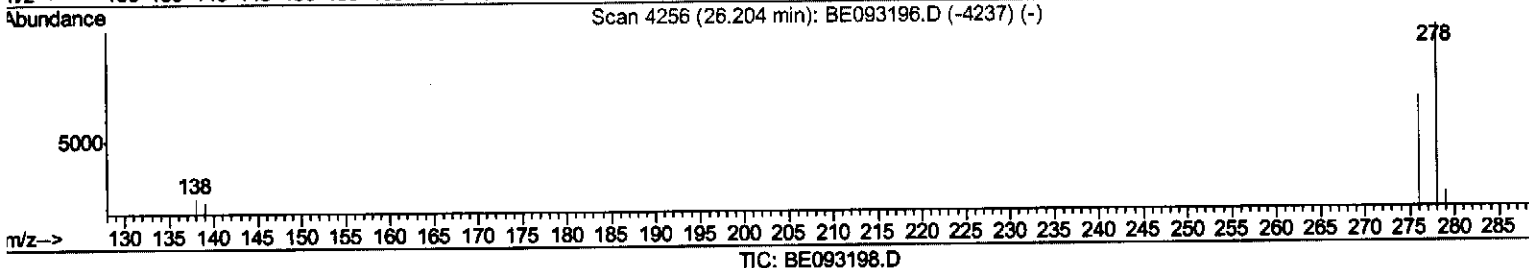
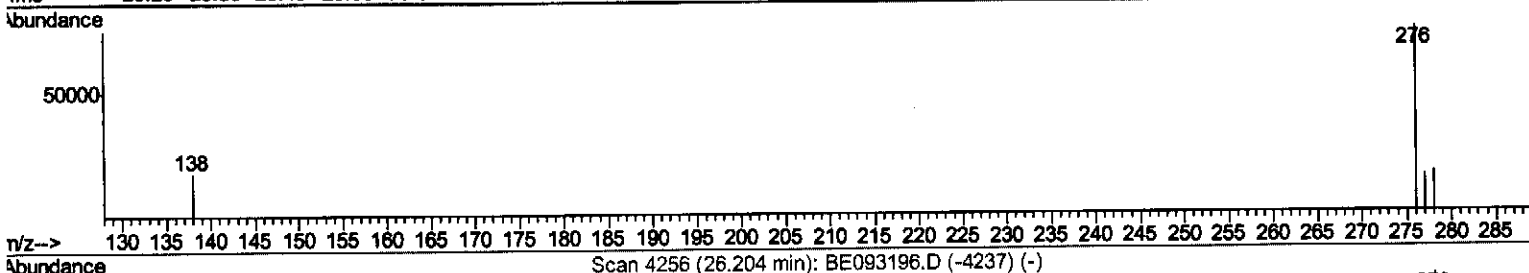
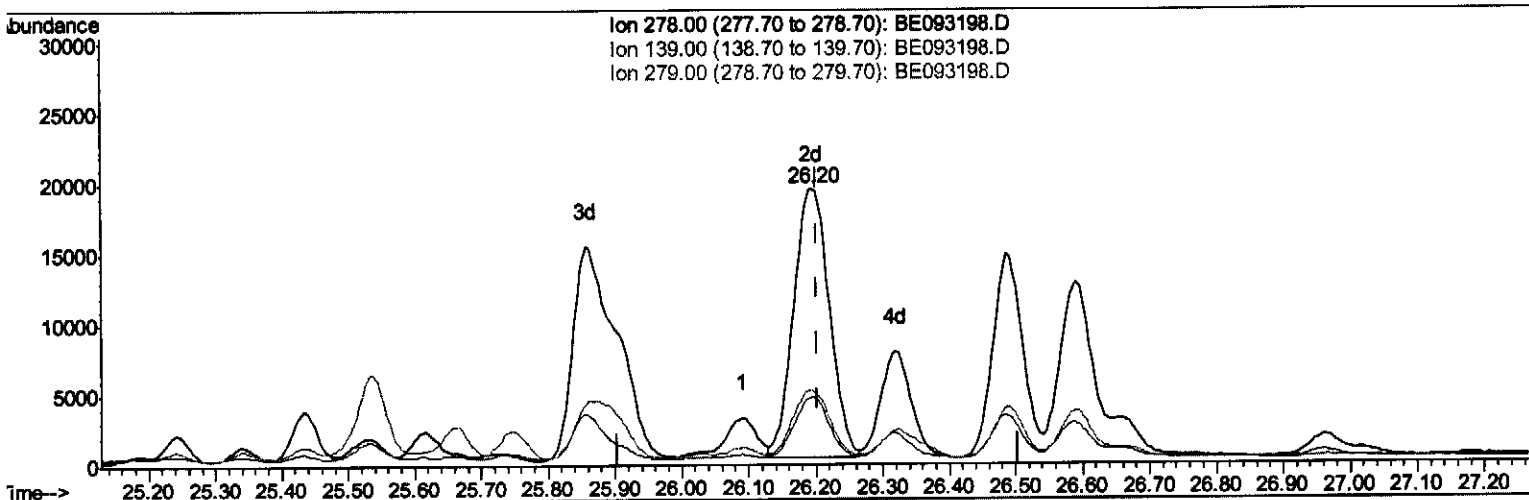
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(25) Dibenzo(a,h)anthracene

26.196min (-0.008) 1.07ng/ul m

response 70679

Ion	Exp%	Act%
278.00	100	100
139.00	21.70	24.72
279.00	32.40	26.71
0.00	0.00	0.00

JS
6/21/17

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	3647	0.40	ng/ul	0.00
2) Naphthalene-d8	10.52	136	19476	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.37	164	12358	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.10	188	28874	0.40	ng/ul	0.00
16) Chrysene-d12	21.26	240	28971	0.40	ng/ul	0.00
20) Perylene-d12	23.67	264	23690m	0.40	ng/ul	0.00

506/21/17

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.11	152	6288	0.22	ng/ul	0.00
14) Fluoranthene-d10	19.13	212	17417	0.22	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	10.57	128	22931	0.475	ng/ul#	91
5) 2-Methylnaphthalene	12.18	142	5331	0.161	ng/ul	98
7) Acenaphthylene	14.09	152	70125	1.322	ng/ul	96
8) Acenaphthene	14.43	153	6336	0.148	ng/ul	98
9) Fluorene	15.42	166	6054	0.121	ng/ul	91
12) Phenanthrene	17.14	178	60613	0.763	ng/ul#	88
13) Anthracene	17.22	178	100591	1.454	ng/ul#	86
15) Fluoranthene	19.16	202	910156	9.342	ng/ul	83
17) Pyrene	19.52	202	930926	10.896	ng/ul#	88
18) Benzo(a)anthracene	21.24	228	707703	9.158	ng/ul#	84
19) Chrysene	21.30	228	697475	8.701	ng/ul	97
21) Benzo(b)fluoranthene	22.93	252	845828	11.765	ng/ul	87
22) Benzo(k)fluoranthene	22.98	252	291129m	3.813	ng/ul	} 506/21/17
23) Benzo(a)pyrene	23.56	252	389316m	5.727	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.19	276	252692m	3.210	ng/ul	
25) Dibenzo(a,h)anthracene	26.20	278	70679m	1.066	ng/ul	
26) Benzo(g,h,i)perylene	26.96	276	182270	2.700	ng/ul	97

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