

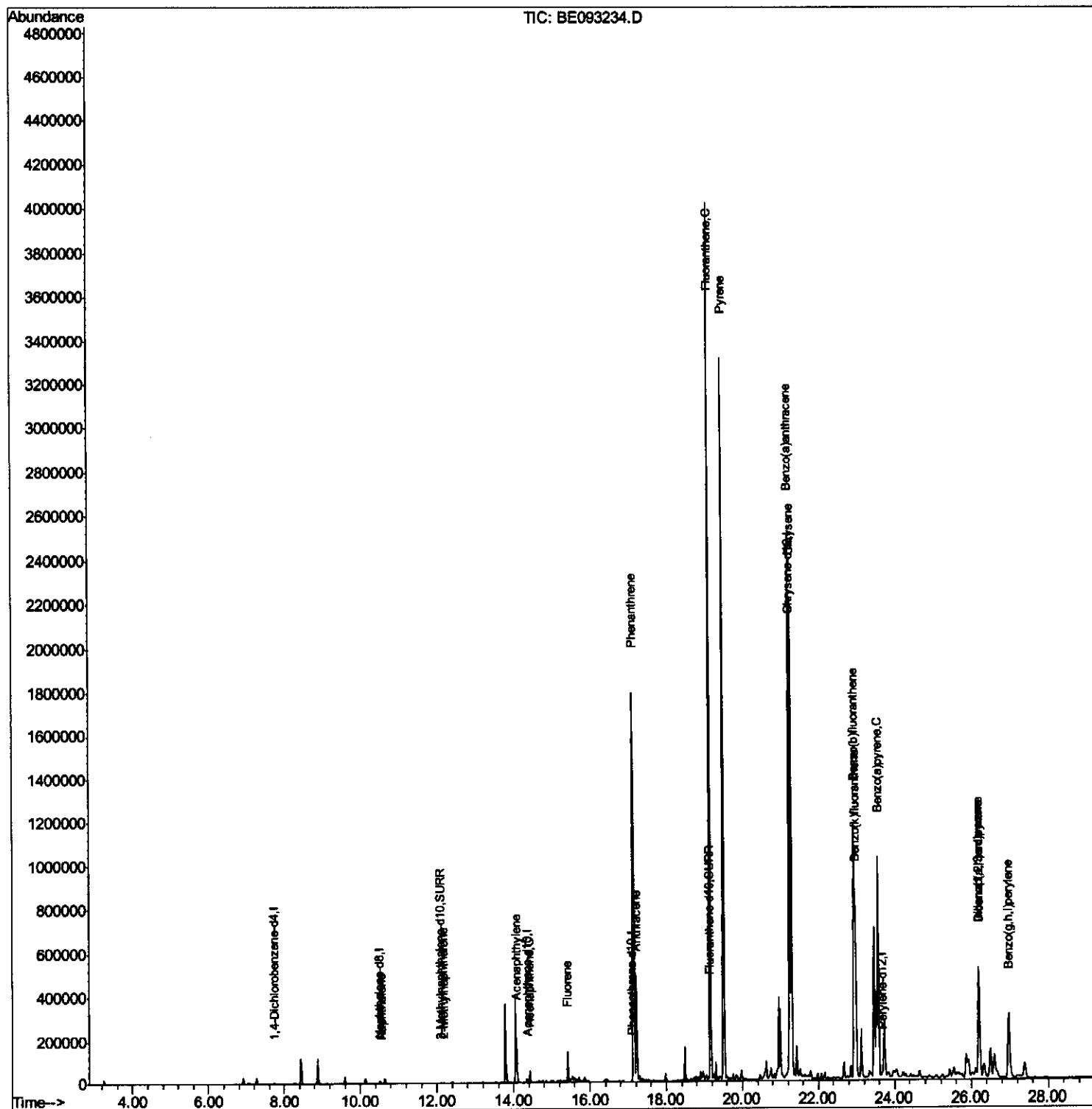
Data Path : Z:\HPCHEM1\BNA_E\Data\BE061517\
Data File : BE093234.D
Acq On : 16 Jun 2017 9:12
Operator : SJ/MA
Sample : I3522-07
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
F5A62

Manual Integrations
APPROVED

mohammad
6/19/2017 11:07:35 AM

Quant Time: Jun 16 14:34:32 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



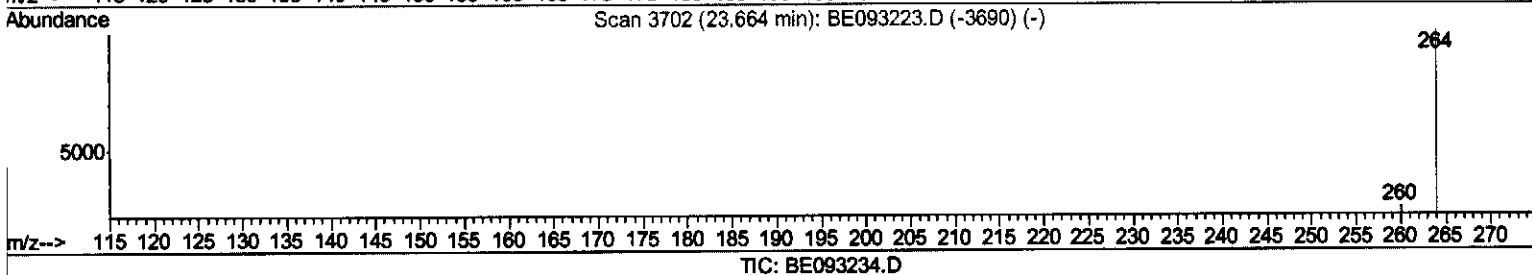
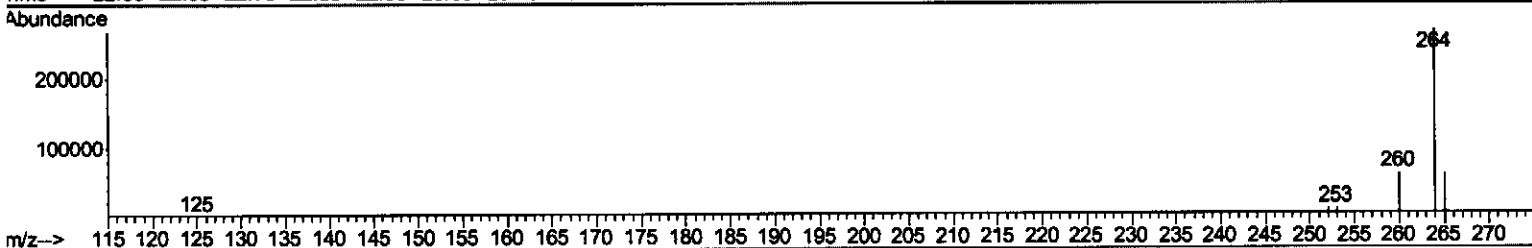
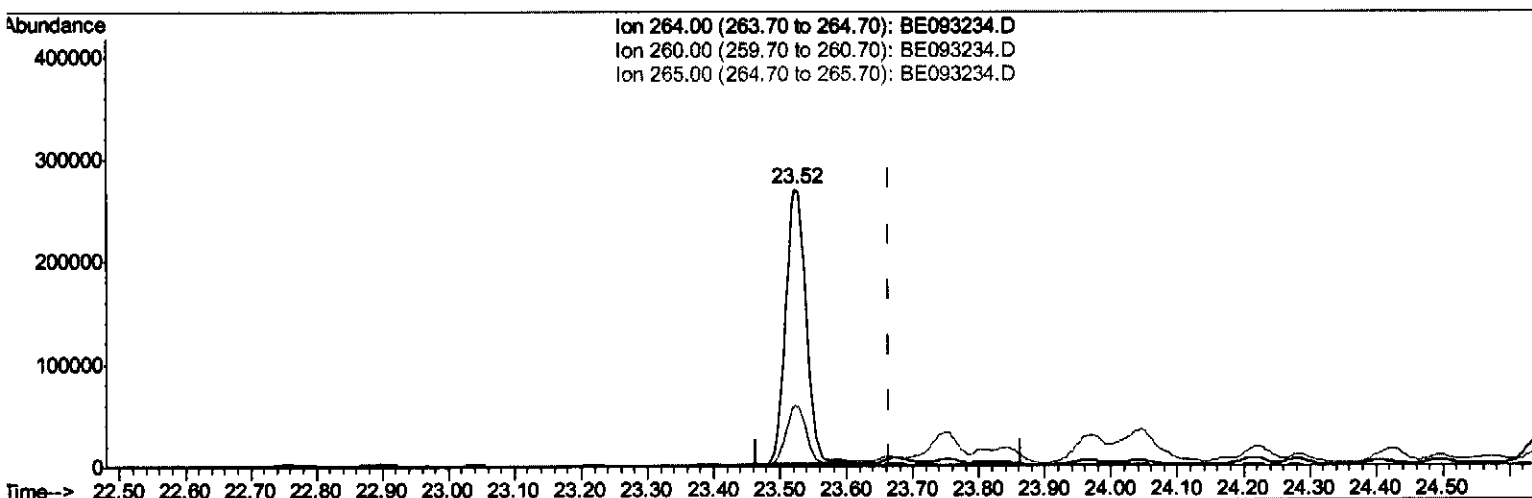
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(20) Perylene-d12 (I)

23.523min (-0.141) 0.40ng/ul

response 573770

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	22.00#
265.00	103.50	21.88#
0.00	0.00	0.00

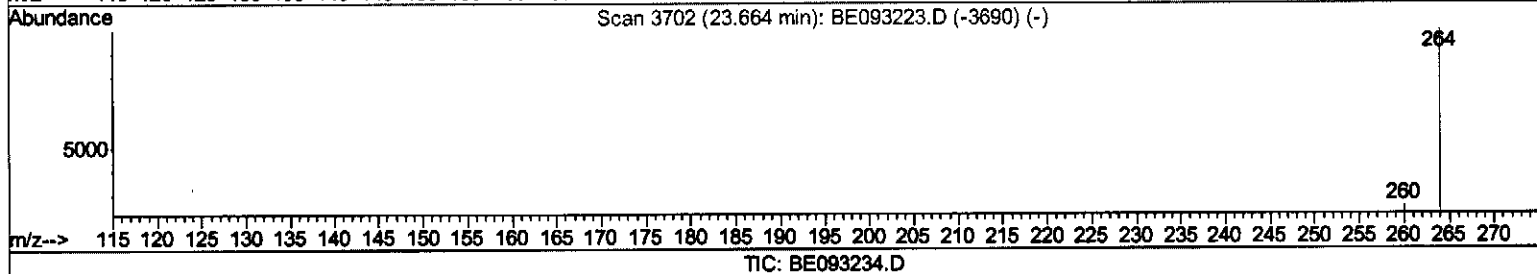
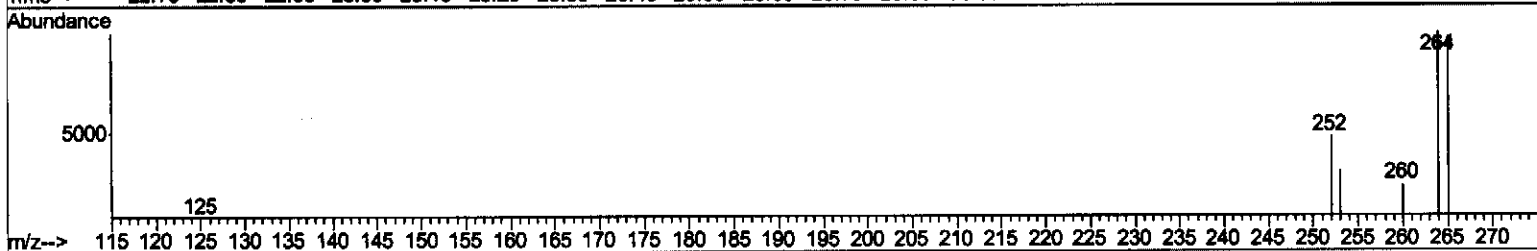
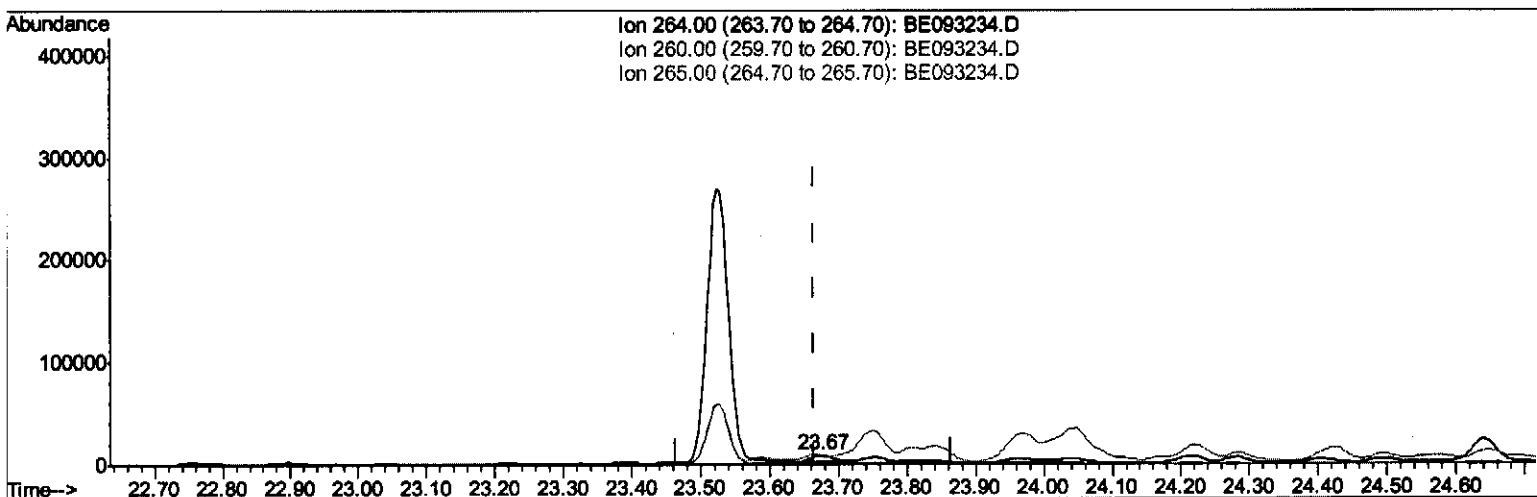
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Manual Integrations
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(20) Perylene-d12 (I)

23.673min (+0.009) 0.40ng/ul m

response 13806

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	30.49
265.00	103.50	97.47
0.00	0.00	0.00

> SJ
 06/21/17

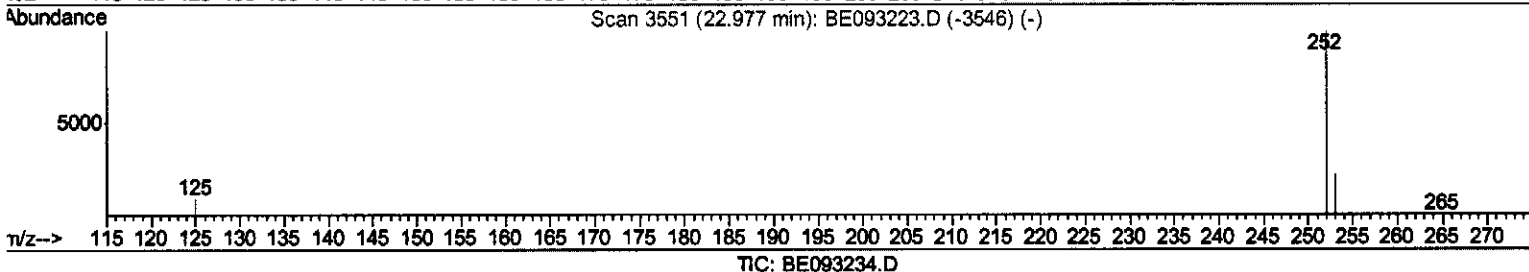
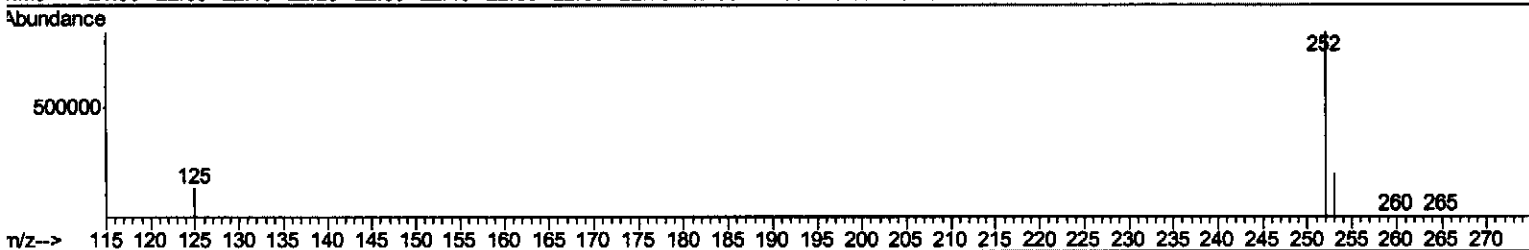
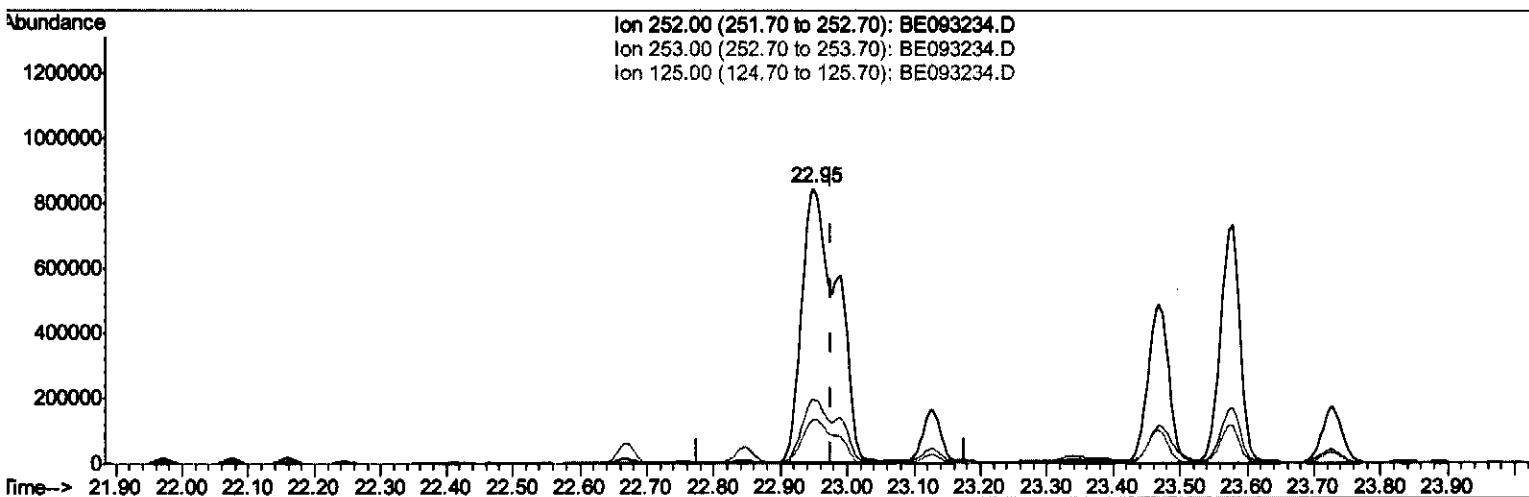
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Instrument :
BNA_E
ClientSampled :
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Manual Integrations
APPROVED

mohammad
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Quant Time: Jun 16 14:32:04 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE060717.M
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(22) Benzo(k)fluoranthene

22.949min (-0.027) 69.14ng/ul

response 3076475

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	23.25#
125.00	17.10	15.78
0.00	0.00	0.00

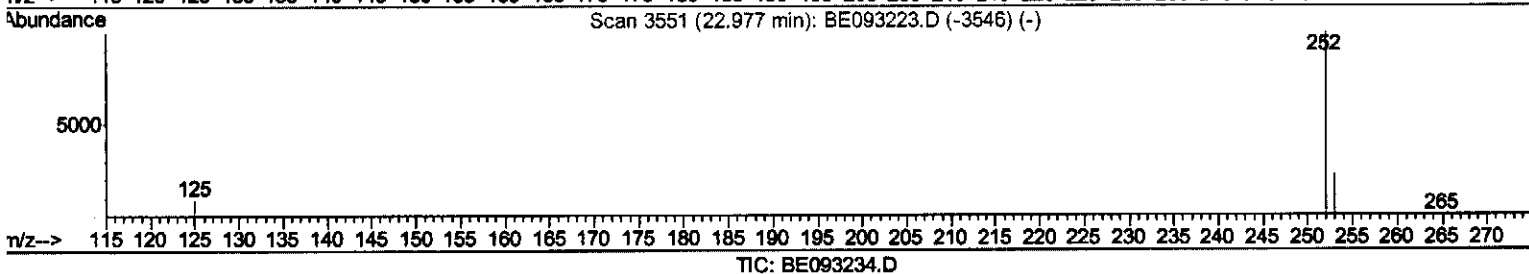
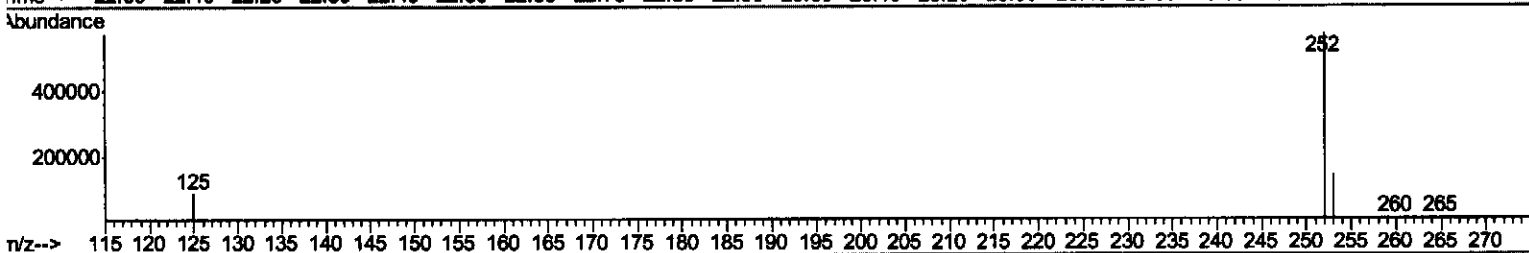
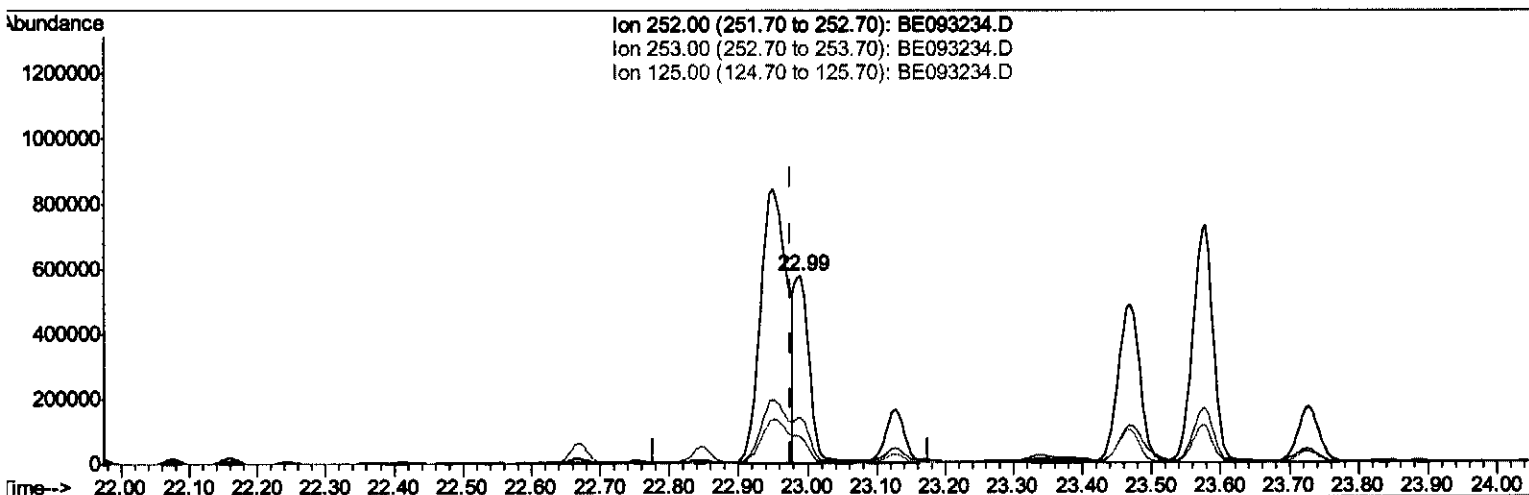
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(22) Benzo(k)fluoranthene

22.990min (+0.014) 19.74ng/ul m

response 878362

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	24.22#
125.00	17.10	14.26
0.00	0.00	0.00

55
06/21/17

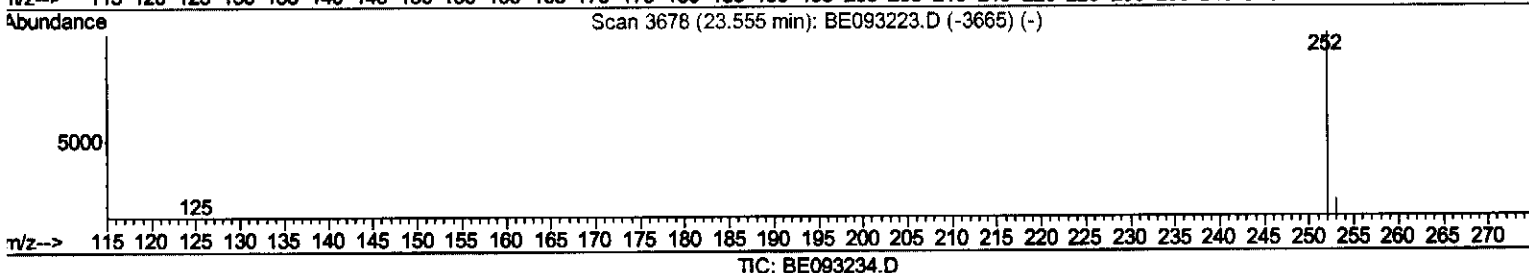
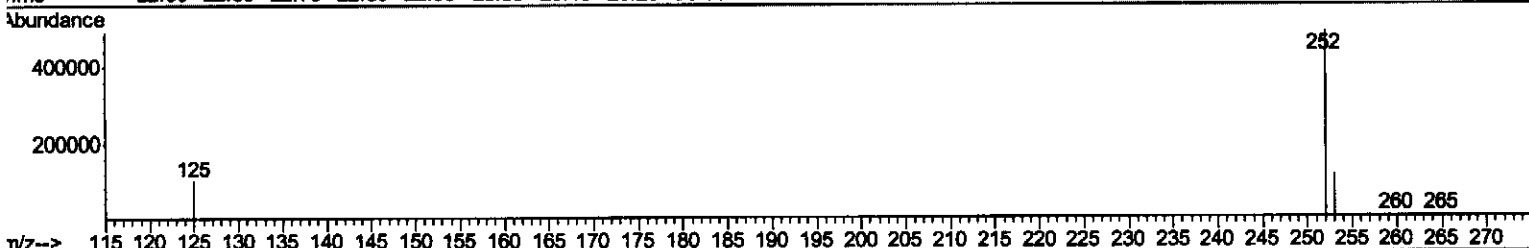
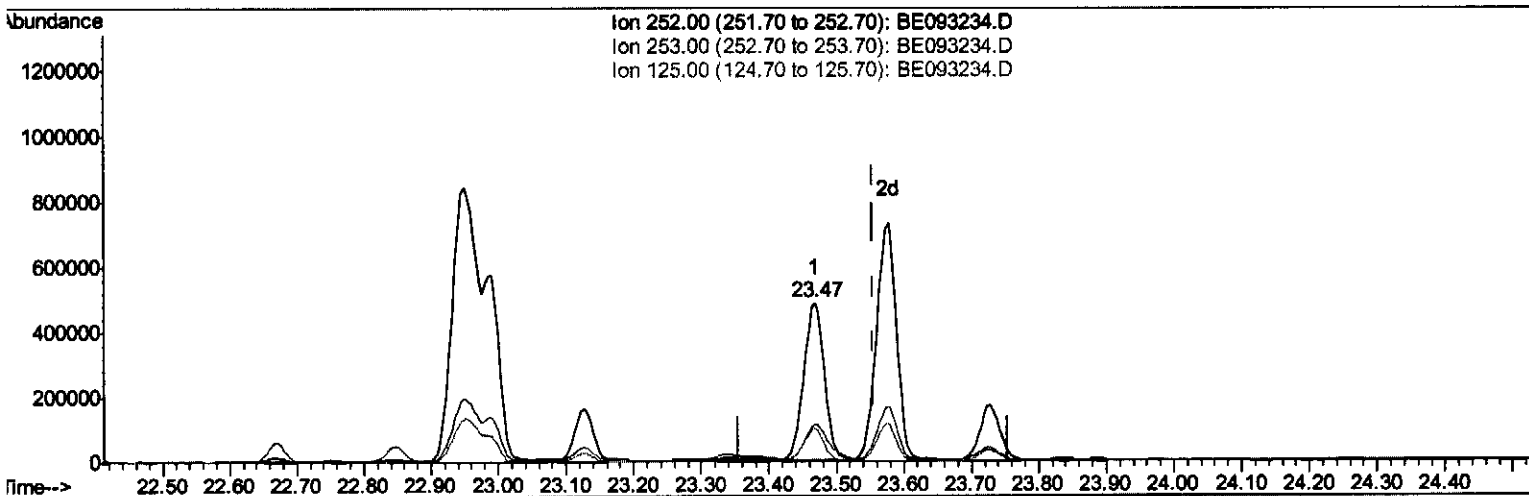
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Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_E
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F5A62

Manual Integrations
APPROVED

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(23) Benzo(a)pyrene (C)

23.469min (-0.086) 26.21ng/ul

response 1038197

Ion	Exp%	Act%
252.00	100	100
253.00	35.60	23.23#
125.00	22.60	20.49
0.00	0.00	0.00

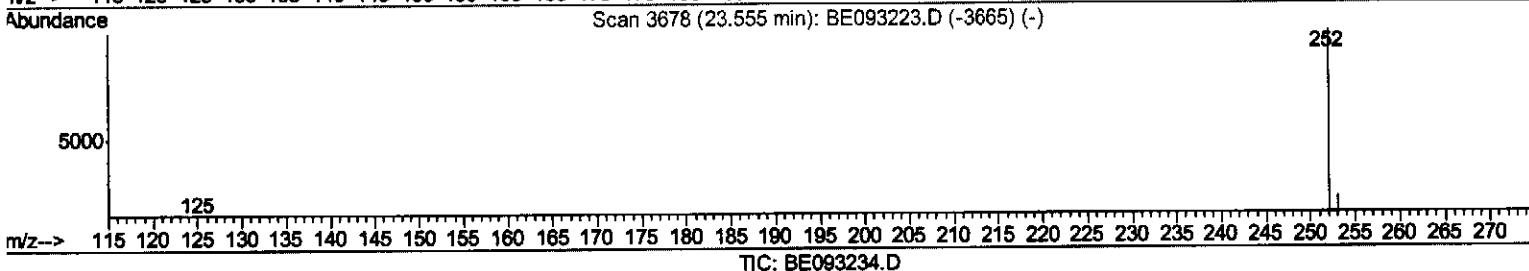
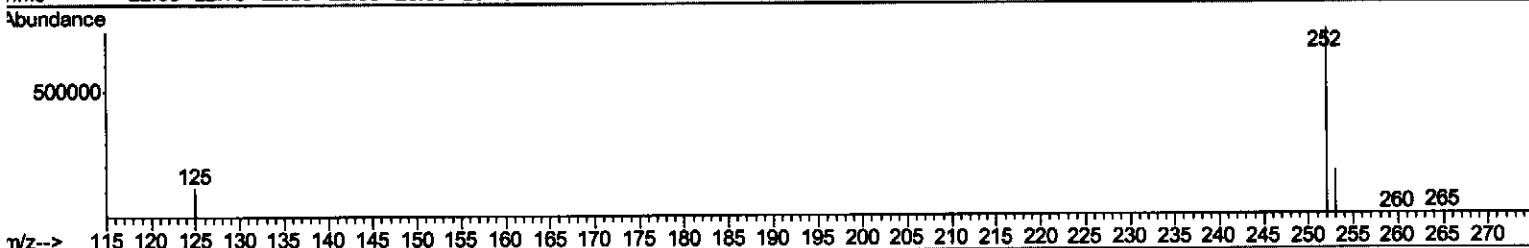
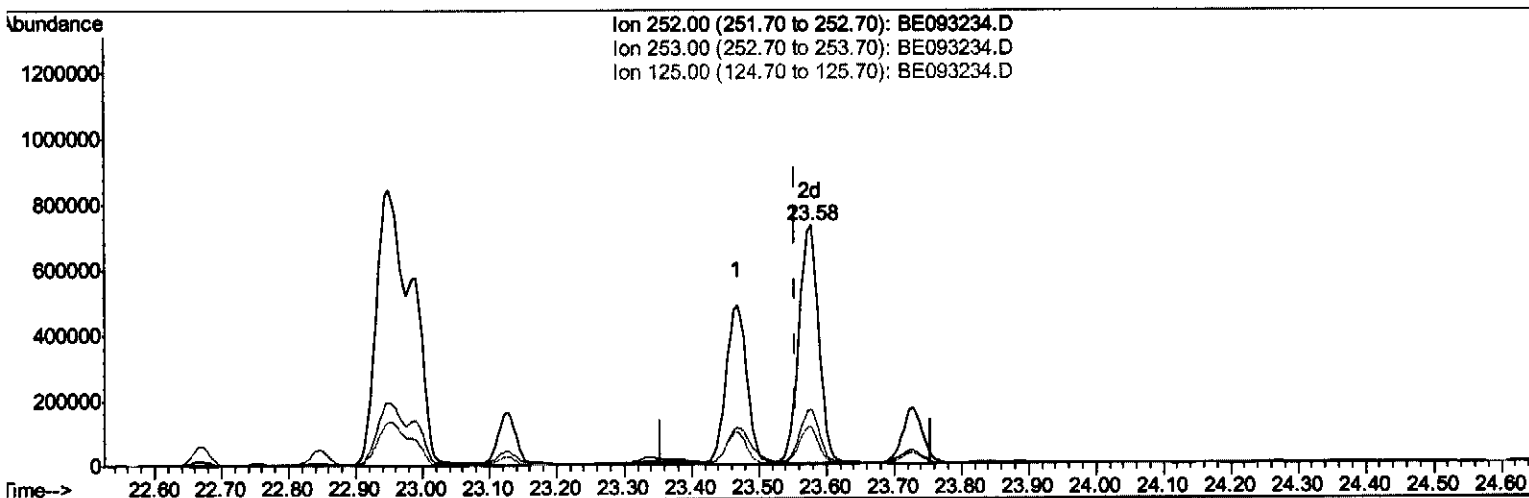
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Sample : I3522-07
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
F5A62

Manual Integrations
APPROVED

mohammad
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(23) Benzo(a)pyrene (C)

23.578min (+0.023) 37.35ng/ul m

response 1479547

Ion	Exp%	Act%
252.00	100	100
253.00	35.60	23.19#
125.00	22.60	15.69#
0.00	0.00	0.00

> SJ
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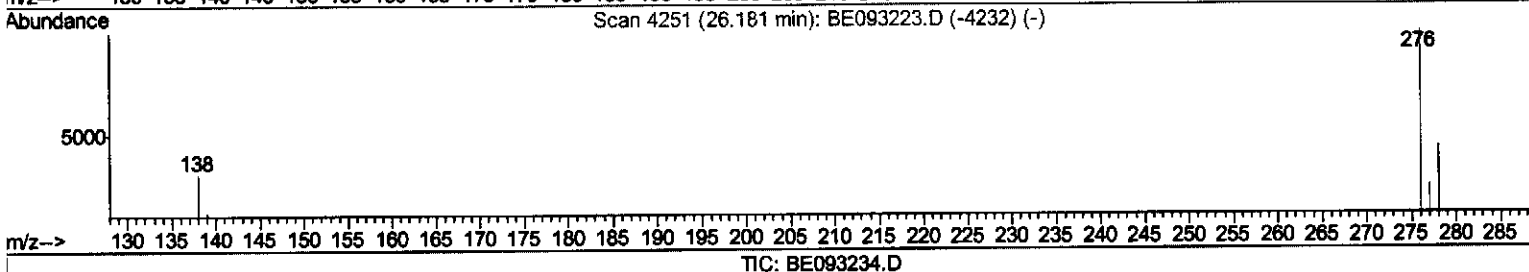
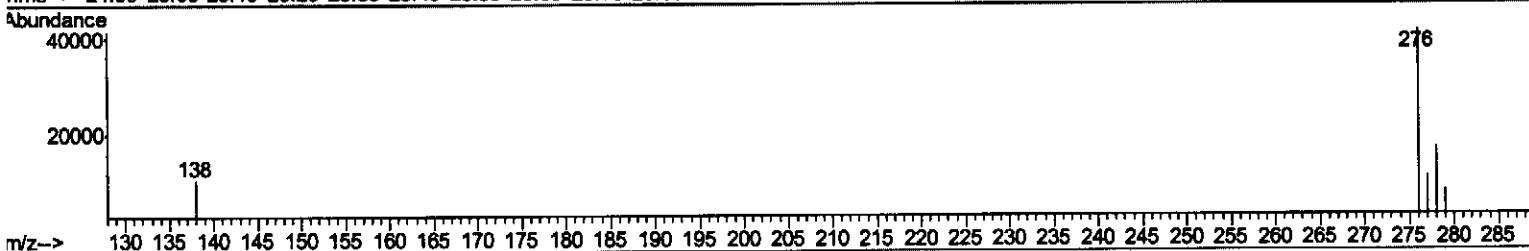
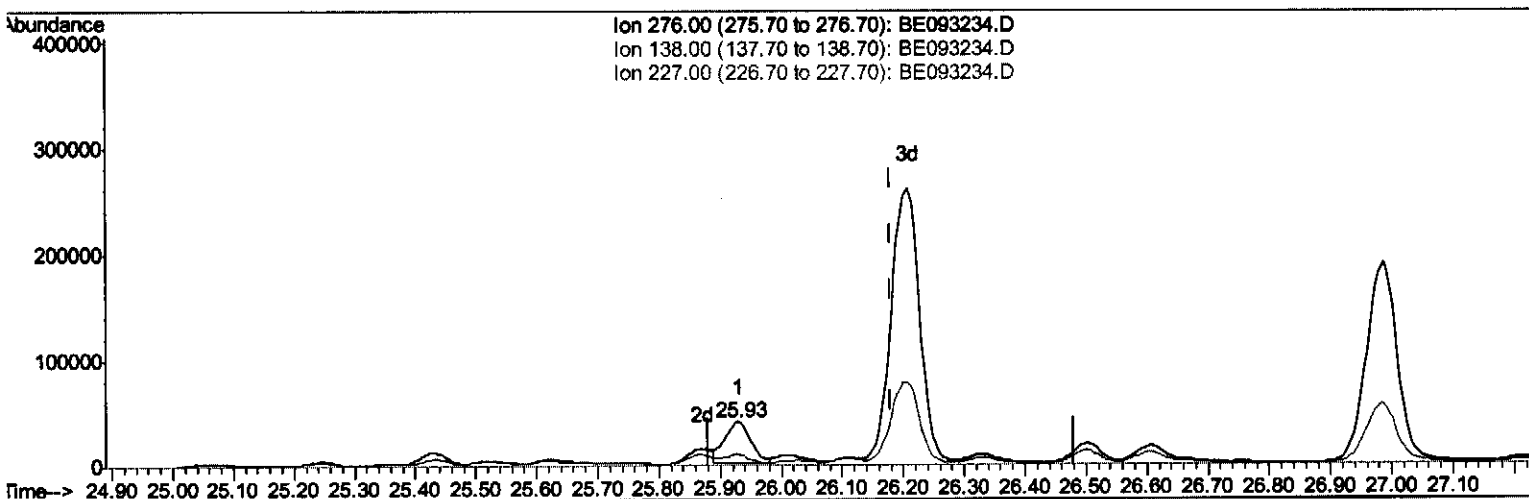
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Misc :
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Instrument :
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(24) Indeno(1,2,3-cd)pyrene

25.930min (-0.250) 2.54ng/ui

response 116459

Ion	Exp%	Act%
276.00	100	100
138.00	35.00	20.36#
227.00	10.00	0.00#
0.00	0.00	0.00

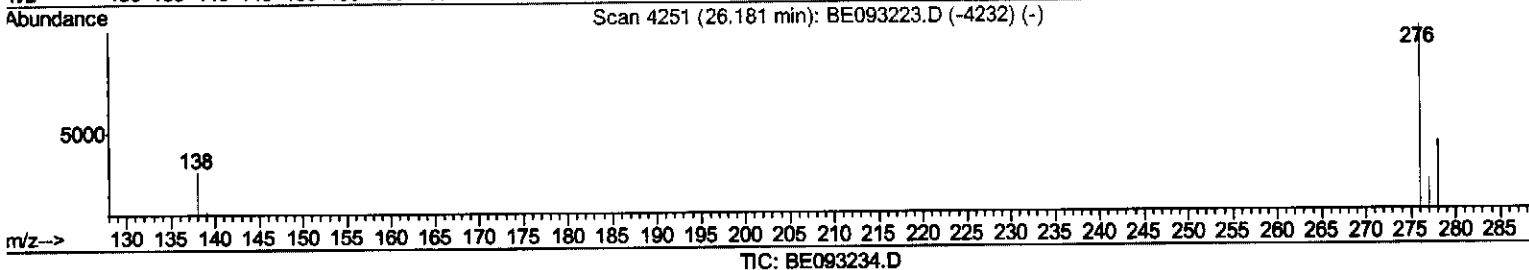
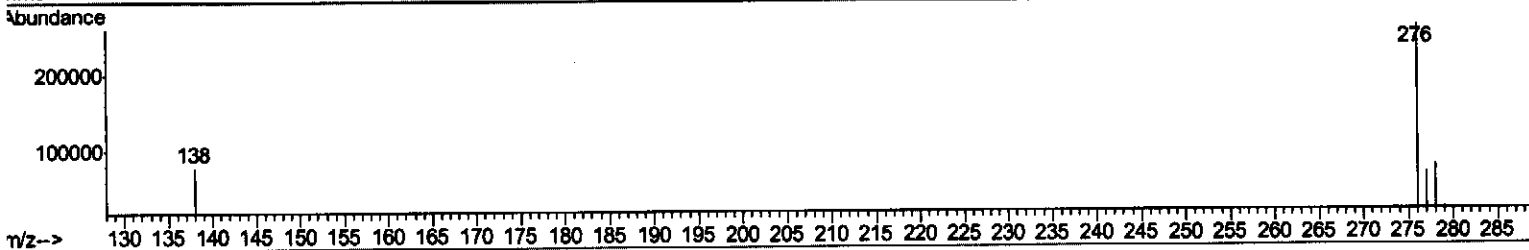
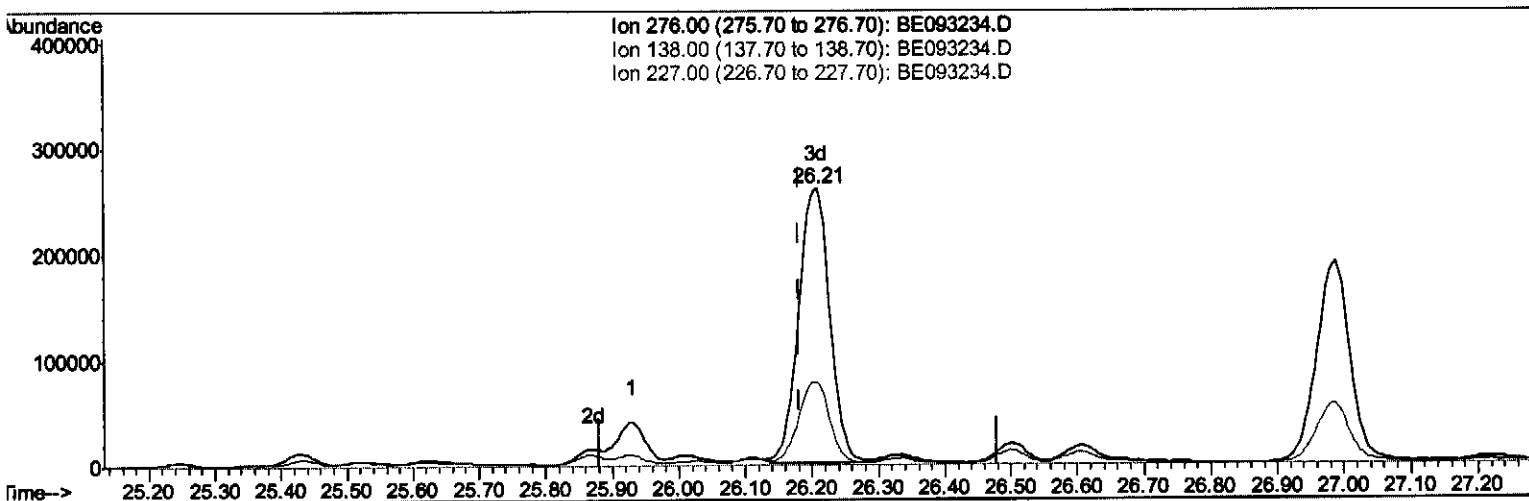
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Sample : I3522-07
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
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Manual Integrations
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mohammad
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(24) Indeno(1,2,3-cd)pyrene

26.208min (+0.027) 18.23ng/ul m

response 836389

Ion	Exp%	Act%
276.00	100	100
138.00	35.00	2.83#
227.00	10.00	0.00#
0.00	0.00	0.00

SJ
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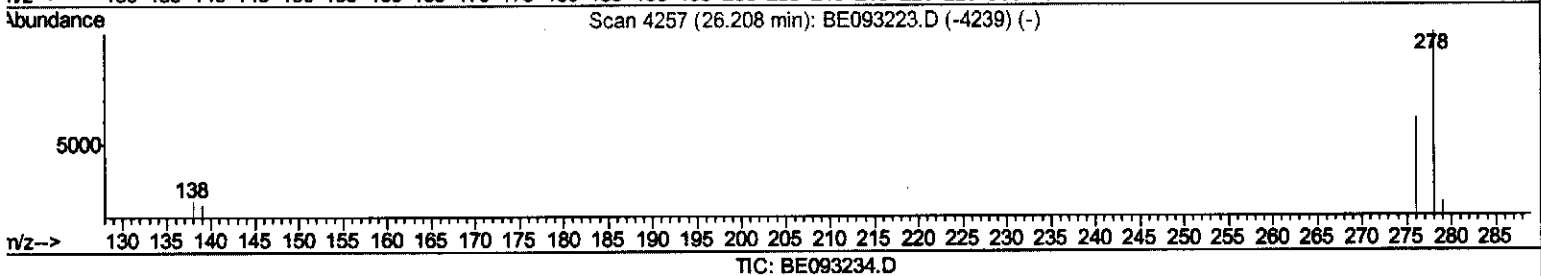
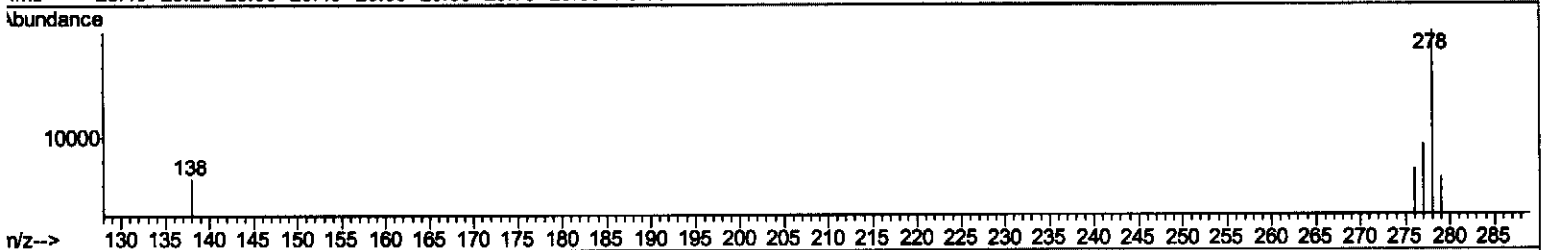
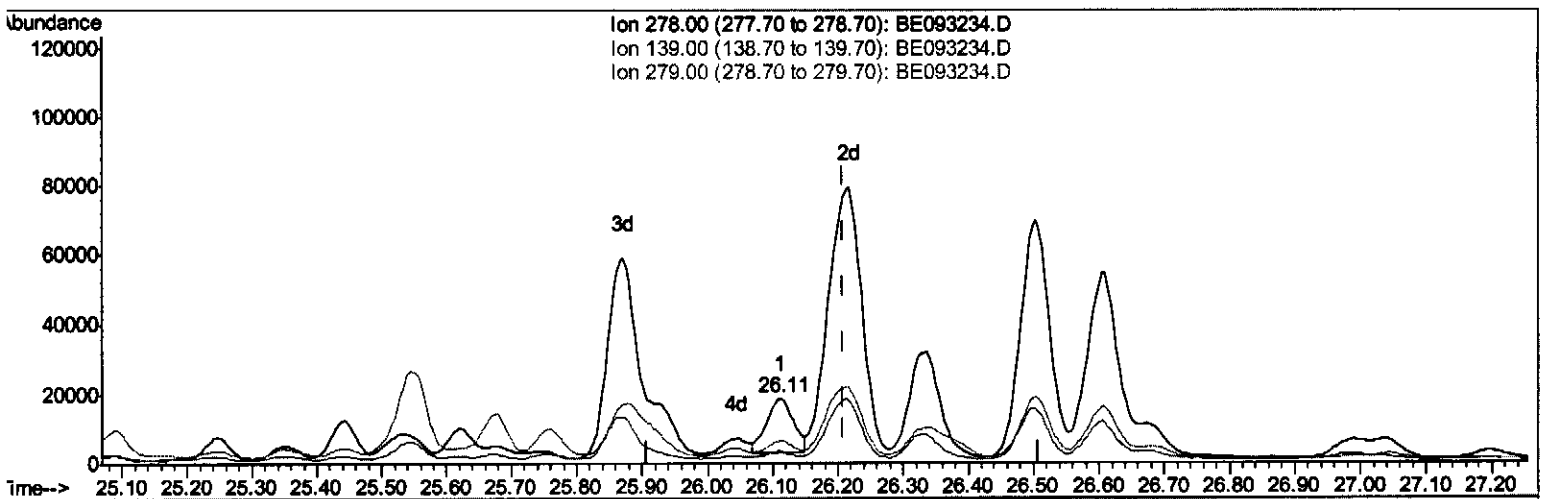
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(25) Dibenzo(a,h)anthracene

26.113min (-0.096) 1.18ng/ul

response 45562

Ion	Exp%	Act%
278.00	100	100
139.00	21.70	18.27
279.00	32.40	34.52
0.00	0.00	0.00

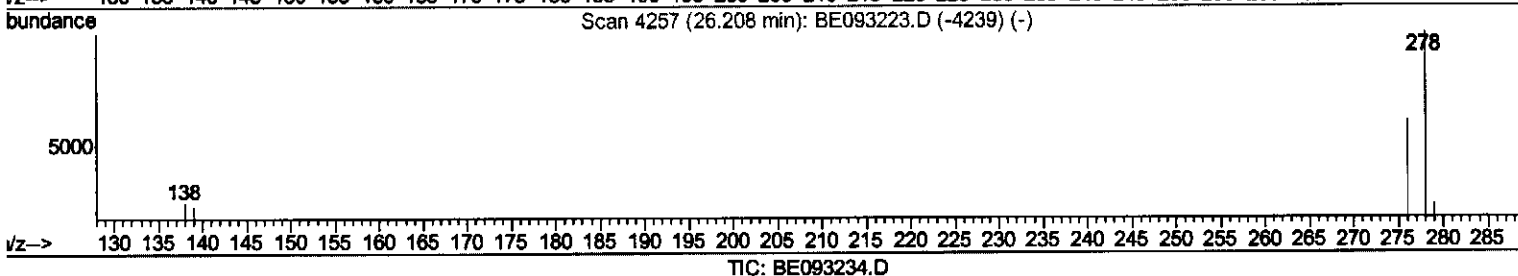
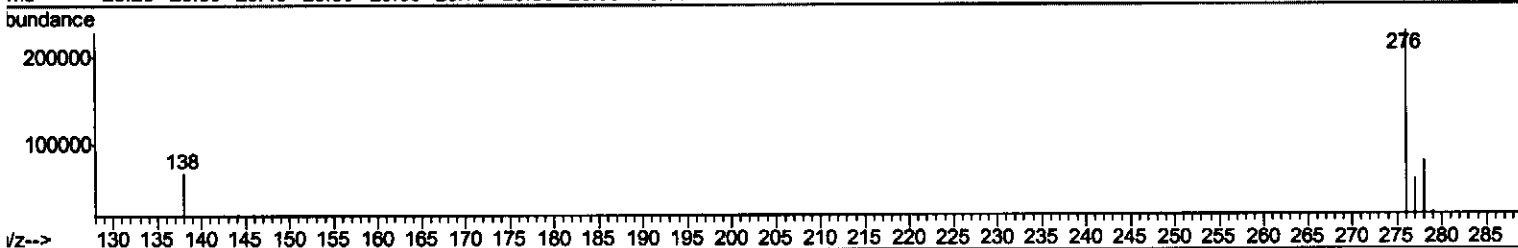
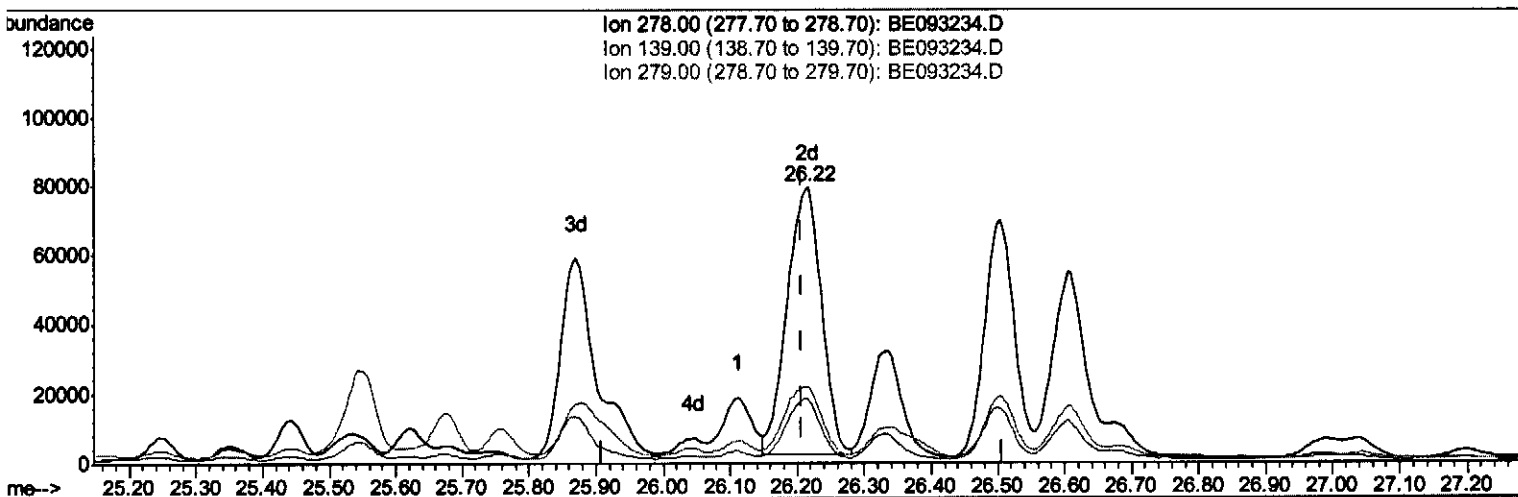
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TIC: BE093234.D

(25) Dibenzo(a,h)anthracene

26.217min (+0.009) 7.08ng/ul m

response 273565

Ion	Exp%	Act%
278.00	100	100
139.00	21.70	22.77
279.00	32.40	27.23
0.00	0.00	0.00

SS
06/21/17

Quantitation Report (QT Reviewed)

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BNA_E

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F5A62

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	2473	0.40	ng/ul	0.00
2) Naphthalene-d8	10.52	136	12288	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.37	164	7708	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.10	188	16798	0.40	ng/ul	0.00
16) Chrysene-d12	21.27	240	16507	0.40	ng/ul	0.00
20) Perylene-d12	23.67	264	13806m	0.40	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.11	152	3196	0.18	ng/ul	0.00
14) Fluoranthene-d10	19.13	212	9528	0.21	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	10.56	128	2887	0.095	ng/ul#	94
5) 2-Methylnaphthalene	12.18	142	4831	0.232	ng/ul	98
7) Acenaphthylene	14.08	152	193683	5.855	ng/ul	96
8) Acenaphthene	14.43	153	33444	1.253	ng/ul	98
9) Fluorene	15.42	166	86675	2.770	ng/ul	92
12) Phenanthrene	17.14	178	2489630	53.866	ng/ul#	83
13) Anthracene	17.22	178	529275	13.153	ng/ul#	86
15) Fluoranthene	19.17	202	4723919	83.344	ng/ul	84
17) Pyrene	19.53	202	3743915	76.909	ng/ul#	89
18) Benzo(a)anthracene	21.25	228	2313870	52.551	ng/ul#	85
19) Chrysene	21.30	228	2266454	49.622	ng/ul	95
21) Benzo(b)fluoranthene	22.95	252	2080013	49.645	ng/ul	88
22) Benzo(k)fluoranthene	22.99	252	878362m	19.739	ng/ul	
23) Benzo(a)pyrene	23.58	252	1479547m	37.348	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.21	276	836389m	18.234	ng/ul	
25) Dibenzo(a,h)anthracene	26.22	278	273565m	7.082	ng/ul	
26) Benzo(g,h,i)perylene	26.99	276	659726	16.771	ng/ul	96

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