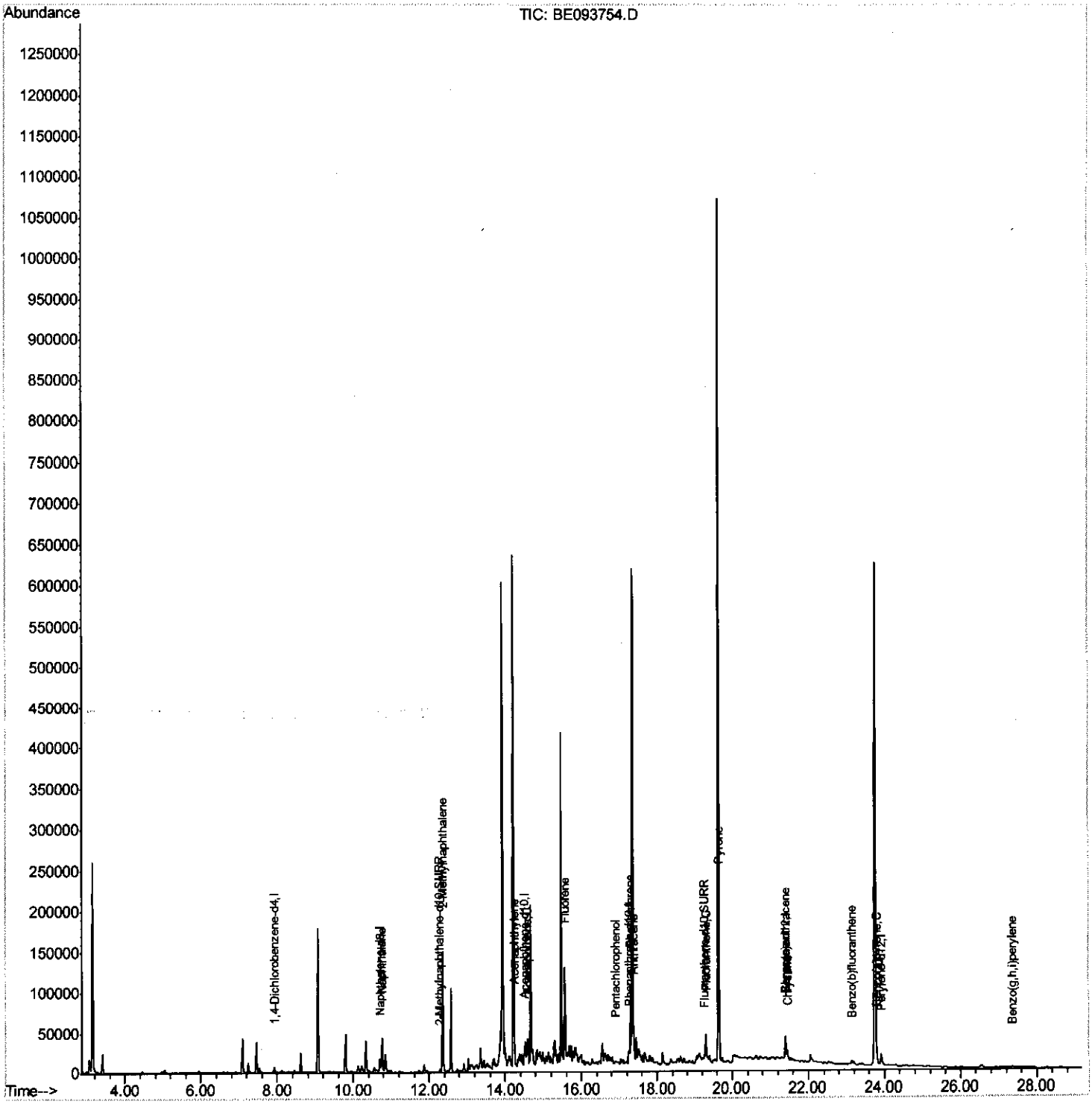
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE081017\
Data File : BE093754.D
Acq On : 10 Aug 2017 20:11
Operator : SJ/JU
Sample : I4455-17
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Aug 11 18:24:23 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE072417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 11 06:07:04 2017
Response via : Initial Calibration

Instrument :
BNA_E
ClientSampleId :
C0AE9

Manual Integrations APPROVED
sohil
8/14/2017 7:03:18 PM



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Acq On : 10 Aug 2017 20:11
Operator : SJ/JU
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Misc :
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Quant Time: Aug 11 17:30:25 2017
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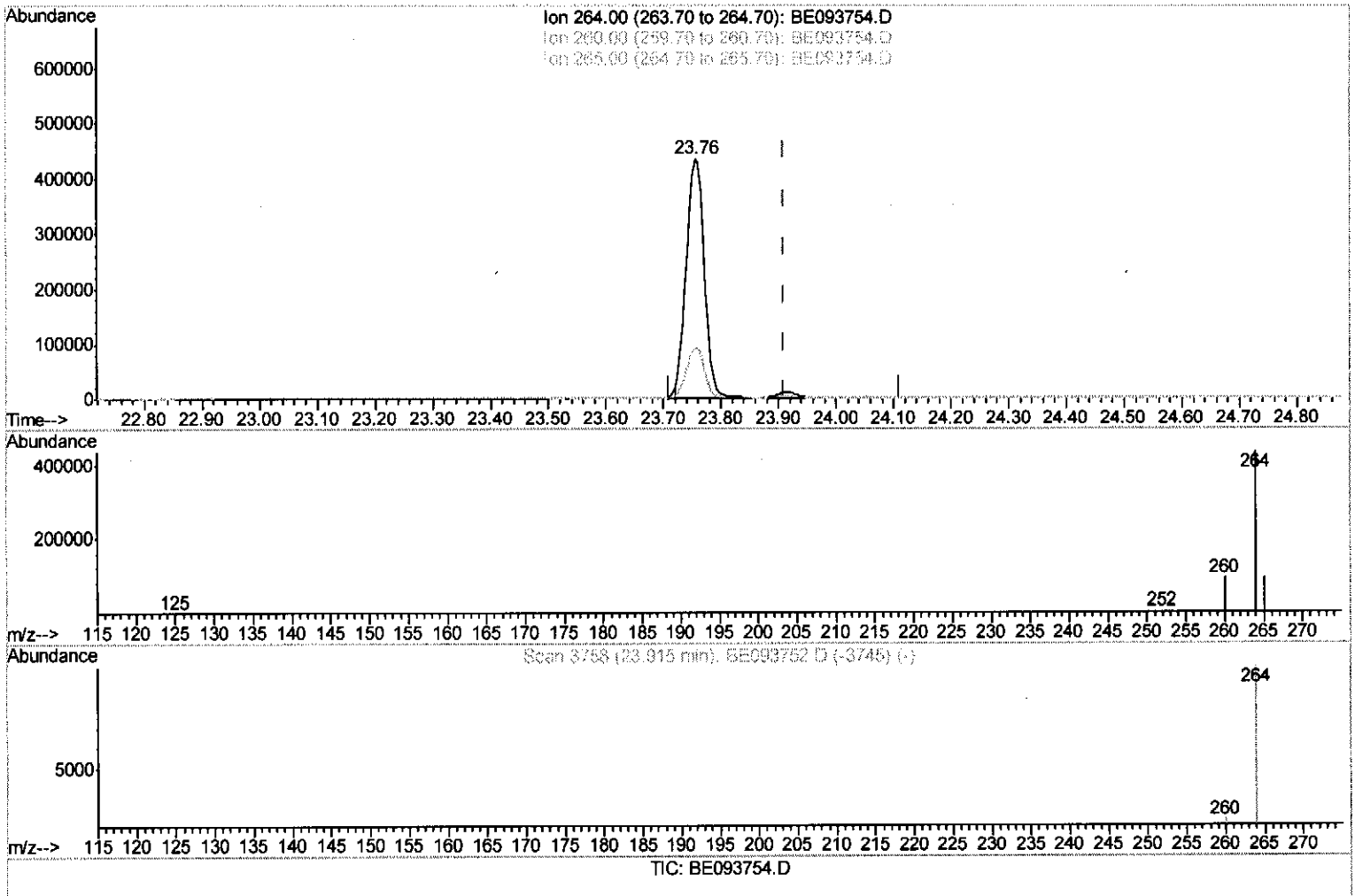

TIC: BE093754.D

(20) Perylene-d12 (I)

23.756min (-0.154) 0.40ng/ul

response 946949

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	21.23#
265.00	103.50	21.52#
0.00	0.00	0.00

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Manual Integrations APPROVED
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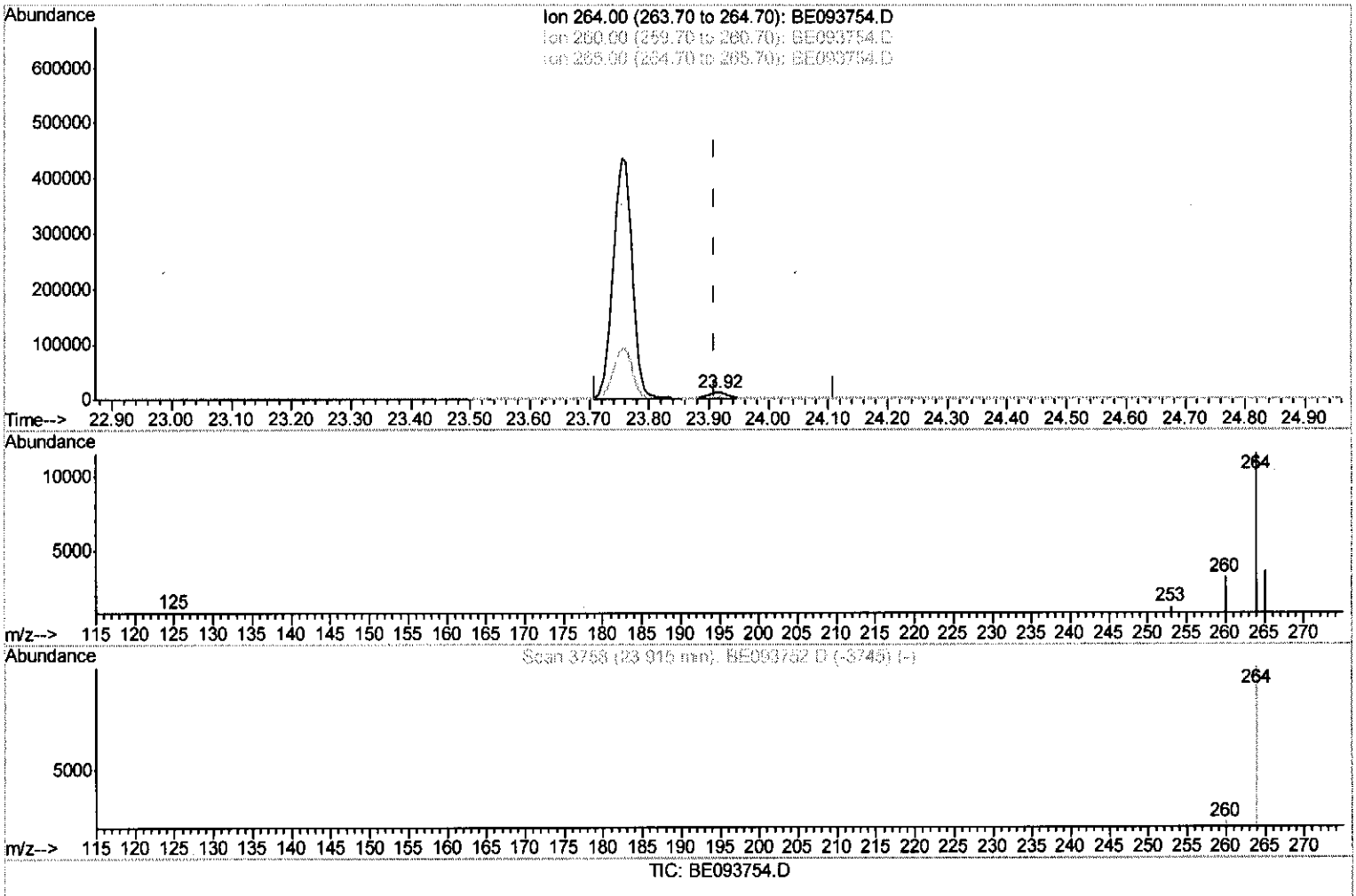

TIC: BE093754.D

(20) Perylene-d12 (I)

23.915min (+0.006) 0.40ng/ul m JRS 8/14/17

response 20457

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	27.87
265.00	103.50	31.34#
0.00	0.00	0.00

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Acq On : 10 Aug 2017 20:11
Operator : SJ/JU
Sample : I4455-17
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Aug 11 18:23:16 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE072417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 11 06:07:04 2017
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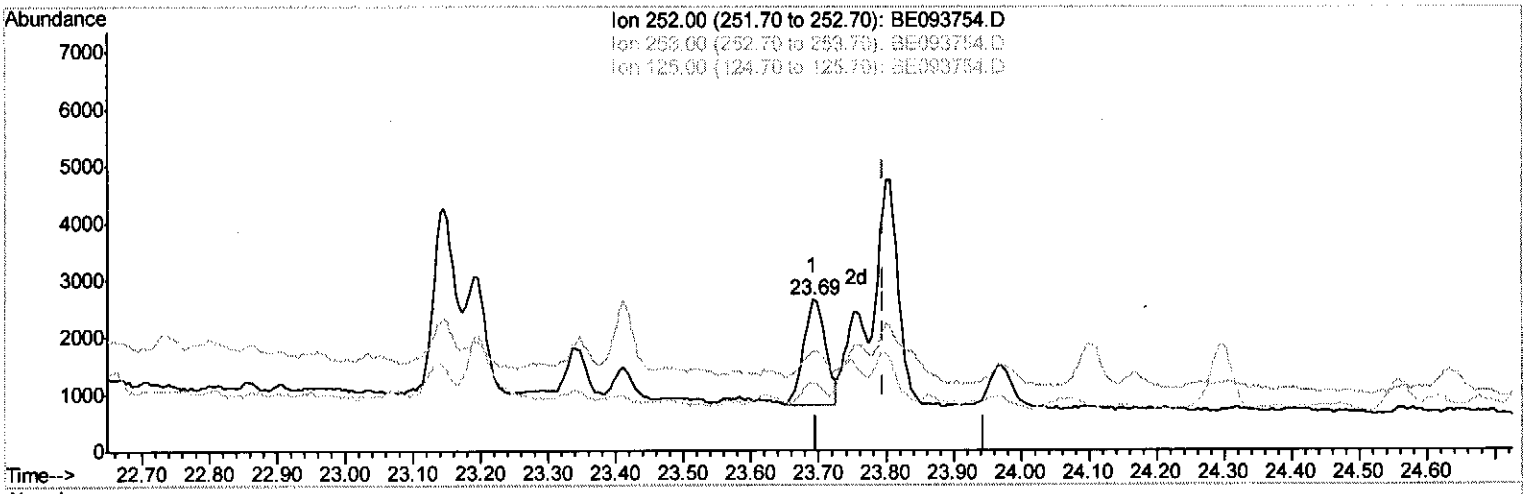
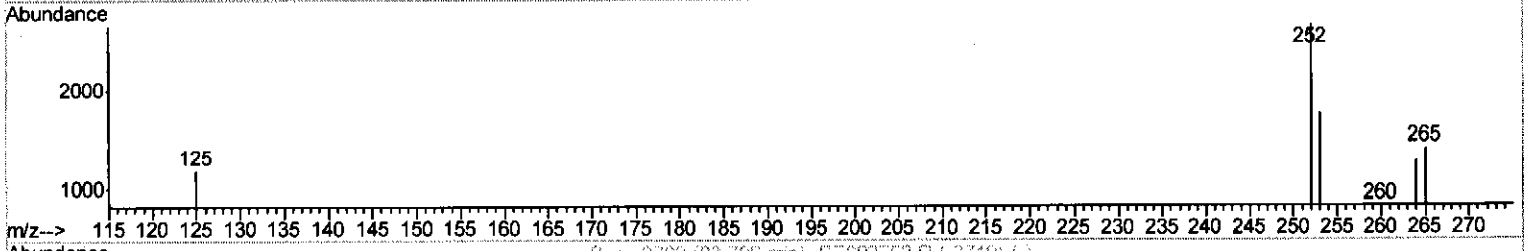
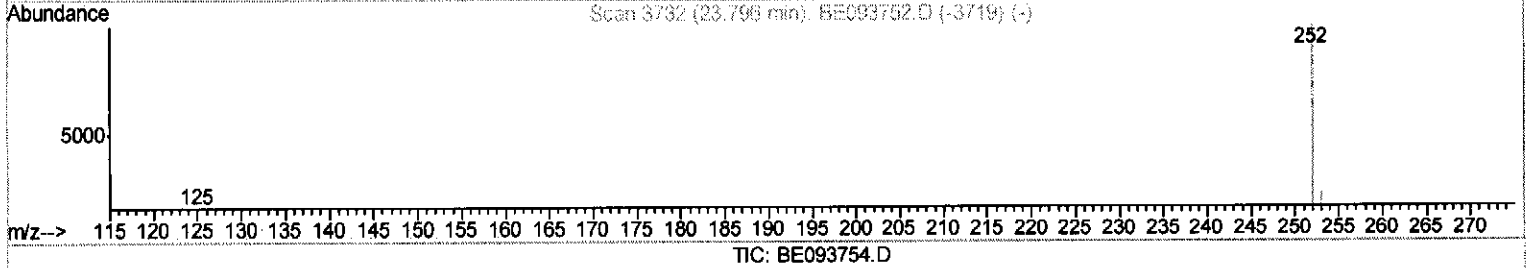
Instrument :
BNA_E
ClientSampleId :
C0AE9

Manual Integrations APPROVED
sohil
8/14/2017 7:03:18 PM







TIC: BE093754.D

(23) Benzo(a)pyrene (C)

23.692min (-0.104) 0.07ng/ul

response 4086

Ion	Exp%	Act%
252.00	100	100
253.00	35.60	66.18#
125.00	22.60	44.91#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE081017\
Data File : BE093754.D
Acq On : 10 Aug 2017 20:11
Operator : SJ/JU
Sample : I4455-17
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Aug 11 18:23:16 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE072417.M
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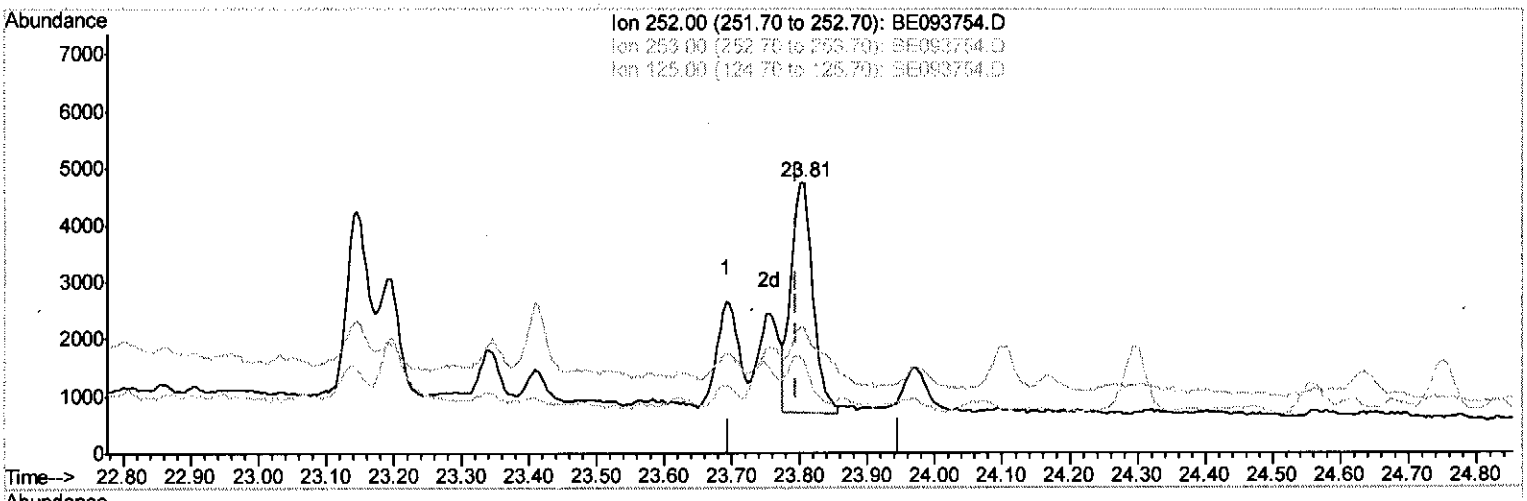
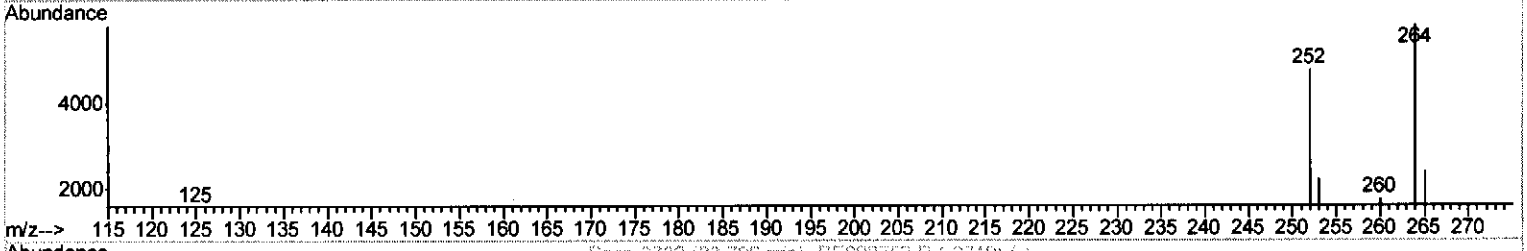
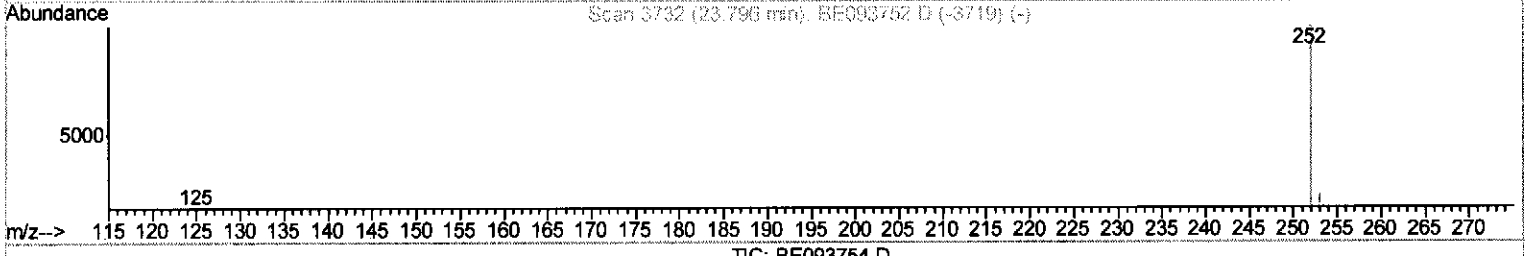
Instrument :
BNA_E
ClientSampleId :
C0AE9

Manual Integrations APPROVED
sohil
8/14/2017 7:03:18 PM







TIC: BE093754.D

(23) Benzo(a)pyrene (C)

23.806min (+0.010) 0.15ng/ul m

8/14/17

response 8857

Ion	Exp%	Act%
252.00	100	100
253.00	35.60	46.56#
125.00	22.60	33.58#
0.00	0.00	0.00

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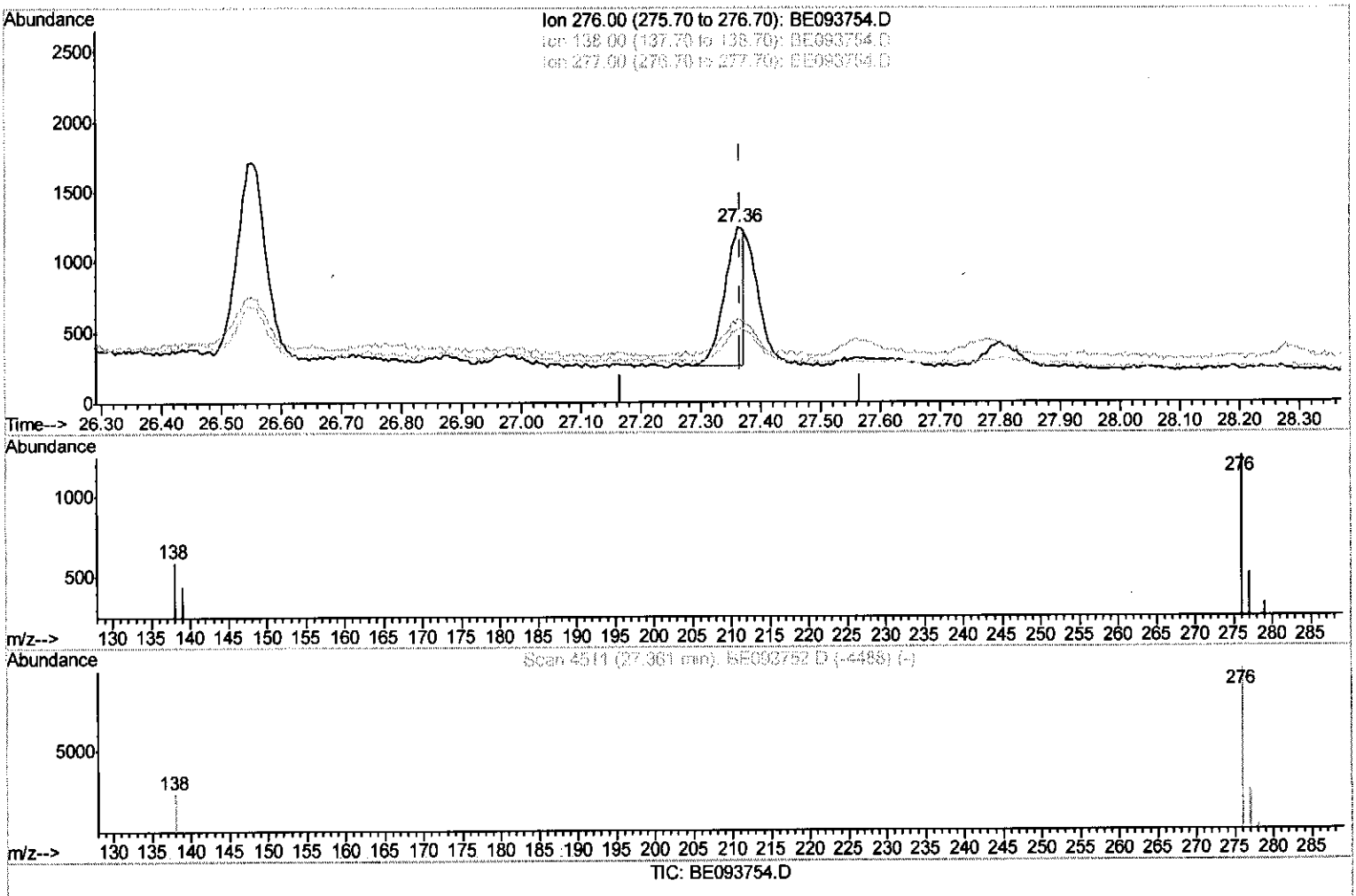
BNA_E
ClientSampleId :
C0AE9

Manual Integrations APPROVED
sohil
8/14/2017 7:03:18 PM



TIC: BE093754.D

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

27.361min (-0.004) 0.04ng/ul

response 2144

Ion	Exp%	Act%
276.00	100	100
138.00	27.30	47.55#
277.00	25.60	41.37#
0.00	0.00	0.00

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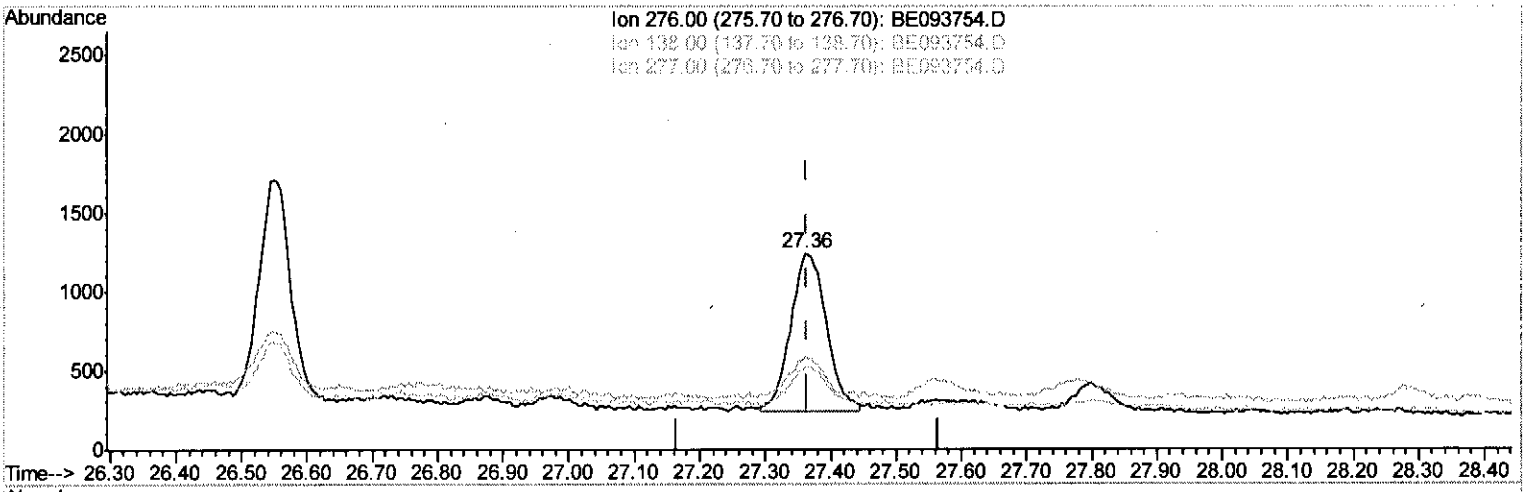
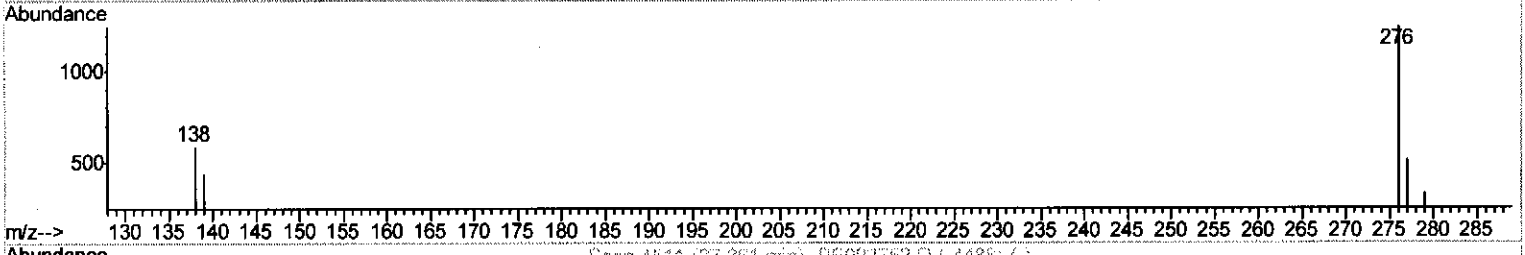
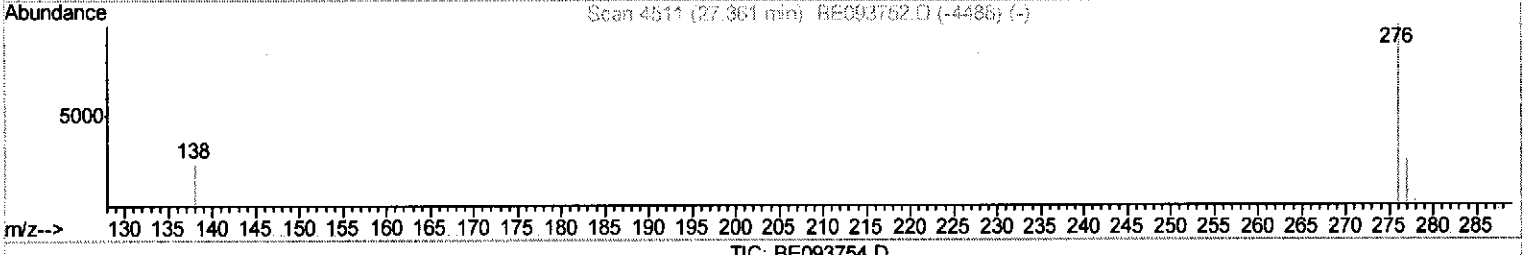
Instrument :
BNA_E
ClientSampleId :
C0AE9

Manual Integrations APPROVED
sohil
8/14/2017 7:03:18 PM







TIC: BE093754.D

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

27.361min (-0.004) 0.07ng/ul m JJW 8/14/17

response 3784

Ion	Exp%	Act%
276.00	100	100
138.00	27.30	47.55#
277.00	25.60	41.37#
0.00	0.00	0.00

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Instrument : BNA_E
ClientSampleId : C0AE9

Manual Integrations APPROVED
sohil
8/14/2017 7:03:18 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	3353	0.40	ng/ul	0.00
2) Naphthalene-d8	10.70	136	17096	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.53	164	12171	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	23629	0.40	ng/ul	0.00
16) Chrysene-d12	21.41	240	23688	0.40	ng/ul	0.00
20) Perylene-d12	23.92	264	20457m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.28	152	5322	0.19	ng/ul	0.00
14) Fluoranthene-d10	19.27	212	10742	0.14	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.76	128	63188	1.519	ng/ul#	94
5) 2-Methylnaphthalene	12.36	142	125078	4.123	ng/ul	99
7) Acenaphthylene	14.25	152	7006	0.138	ng/ul#	35
8) Acenaphthene	14.59	153	14605	0.365	ng/ul	96
9) Fluorene	15.57	166	77668	1.534	ng/ul	94
11) Pentachlorophenol	16.91	266	689	0.177	ng/ul#	84
12) Phenanthrene	17.29	178	104616	1.626	ng/ul#	91
13) Anthracene	17.38	178	32959	0.526	ng/ul#	79
15) Fluoranthene	19.30	202	29998	0.373	ng/ul	82
17) Pyrene	19.66	202	49728	0.719	ng/ul#	88
18) Benzo(a)anthracene	21.40	228	16056	0.234	ng/ul#	52
19) Chrysene	21.45	228	14523	0.220	ng/ul#	51
21) Benzo(b)fluoranthene	23.15	252	7272	0.115	ng/ul	60
23) Benzo(a)pyrene	23.81	252	8857m	0.147	ng/ul	
26) Benzo(g,h,i)perylene	27.36	276	3784m	0.068	ng/ul	

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